Analysis of the circadian transcriptome of the Antarctic krill *Euphausia superba*

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Supplementary Table 2. List of 6,561 genes with a sinusoidal expression pattern in DD.

Expression levels of genes, identified by RAIN (adjusted p-value < 0.05) throughout the 24-hour cycle in DD regime, are shown. [a] Probe ID: ID of probe sequence in “Krill 2.0” Agilent microarray platform; [b]ID: accession number of krill master transcriptome [23]; [c]p-value: RAIN Benjamini-Hochberg adjusted p-value; [d]Period: period of oscillation; [e]Phase: maximum peak of expression throughout the 24 hours cycle; [f]EBI ID: accession number of EBI; [g]Annotation = description of the gene; [h]GO term: gene ontology biological process; [i]GO child term: most fitting gene ontology child term to further refine the functional annotation; [l]e-value: score of GO functional annotation with BLAST2GO; [k-ak]mRNA expression levels.

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_37166_PI429010886	M18062	7.35E-07	24	21	348565785	PREDICTED: cell division cycle protein 123 homolog	Cellular Process	Cell cycle	4.31E-74	37.27042	45.83957	29.51147	36.14912	29.08151	28.24369	19.33574	17.14965	23.04991	42.30947	26.49443	30.14577	26.73374	33.83173	26.6361	37.21299	32.6735	33.80016	29.06792	36.85933	36.19062	52.94516	43.65882	60.99798	39.43891	28.71965	41.33633
CUST_9350_PI429010886	N24477	1.02E-06	18	3	13095576	cellulase [Coptotermes acinaciformis]	Metabolic process	Carbohydrate metabolic process	2.54E-72	NA	55.75917	67.35597	956.7714	243.6339	669.4372	157.1495	130.1016	328.5456	228.3459	29.97309	32.41028	10.28696	21.70738	9.352687	96.70093	58.36102	177.5884	55.5381	180.4643	99.71807	NA	392.4795	223.5364	77.12763	NA	86.4072
CUST_42369_PI429010886	M60124	1.11E-06	15	0						190.7563	245.7365	212.4051	178.7689	162.6286	167.982	126.2208	110.3002	102.4945	172.9946	170.6145	172.2644	135.9425	170.4477	174.1781	215.2456	217.2265	187.746	227.7485	131.1966	166.186	169.4032	137.5108	112.2867	179.2012	140.228	143.3418
CUST_10872_PI429010886	N26923	1.16E-06	15	0						25.67033	24.41159	18.98793	18.7049	18.70053	18.98962	7.446083	11.61773	14.91349	20.06593	13.67972	9.226004	17.9331	18.19413	16.0016	25.76223	23.53335	19.95854	13.66405	18.38014	16.4888	12.52117	7.560847	8.721751	18.08701	26.03157	8.733788
CUST_2556_PI429010886	N12615	1.41E-06	21	9						36.58662	9.844983	NA	33.84232	157.6076	NA	62.78892	69.56934	80.26839	227.5328	191.3655	146.902	151.0368	146.4231	63.37317	12.24951	143.3418	87.34049	8.082183	NA	6.451538	33.75702	NA	22.6805	91.87634	NA	40.92745
CUST_11942_PI429010886	N28667	1.42E-06	24	12						5.997689	25.08483	13.60767	28.90009	25.4154	29.91175	39.63814	42.2531	15.19101	31.79359	84.42877	78.93556	101.1596	107.1241	43.46213	46.04195	29.71896	51.06646	37.33468	57.81384	64.95763	26.92776	32.60782	26.29806	25.30394	13.12705	39.02375
CUST_37732_PI429010886	M21285	1.62E-06	24	0	6831612	RecName: Full=60S ribosomal protein L15 >gi|4530	Protein metabolism	Ribosome biogenesis	8.7E-82	5882.858	7197.042	5396.825	7060.087	5528.982	5492.691	3100.565	3067.321	4257.291	4532.248	2659.902	3266.951	2024.906	2788.353	2599.94	271.2785	3624.616	2447.295	4267.625	4575.004	3991.112	3653.581	6049.937	2130.831	5299.221	5888.291	7212.951
CUST_52918_PI429010886	M99429	1.98E-06	15	9	168824627	Euphausia superba isolate I241 cytochrome c oxida			5.71E-93	206.8341	275.9866	226.1214	215.9695	284.093	1042.025	1280.61	1351.148	191.7997	1767.465	2727.828	1194.442	245.6875	1077.802	606.0546	232.3859	154.7492	114.9603	91.88705	901.5294	253.0671	1991.454	1061.893	2045.457	1421.77	2226.703	1331.007
CUST_45109_PI429010886	M68024	2.04E-06	24	18	308476721	hypothetical protein CRE_19860 [Caenorhabditis re	Nucleic acid metabolism	DNA replication	1.28E-14	81.27628	75.02406	90.08902	68.24733	75.35464	72.2954	59.98068	74.29802	95.88672	120.6113	93.71752	104.1211	83.63981	108.3037	115.1438	126.7035	104.6405	144.4075	147.0578	111.8634	131.0829	148.7626	110.0025	82.23746	103.5957	77.08541	85.4443
CUST_52111_PI429010886	M96435	2.26E-06	18	15						59.3369	56.46834	86.46205	53.51251	68.88215	52.74471	36.73446	38.44815	60.6077	92.29442	61.5	64.14066	71.62646	63.07552	50.46214	120.4628	95.61724	88.60515	84.63515	57.16741	80.48768	49.21104	30.46627	37.71676	49.96135	28.93334	41.0817
CUST_29585_PI429010886	N60149	3.26E-06	15	12						68.9769	45.71121	122.5181	42.16099	23.1151	37.08698	68.25442	84.43869	79.68658	76.03863	36.48665	78.53416	111.2973	164.8084	118.0563	50.61028	41.84077	32.6735	25.40127	29.9146	28.7982	82.02402	71.88591	45.81525	93.95638	88.6992	63.48536
CUST_23265_PI429010886	N48538	3.63E-06	24	0						79.43105	81.18707	81.35601	64.01814	59.18336	64.07997	62.5758	69.72451	50.90018	56.19981	67.77286	58.52324	55.16431	53.80851	43.88387	66.86178	54.49444	49.45564	72.3636	72.74687	61.02204	81.95659	61.24287	56.93106	88.30586	64.62304	172.9097
CUST_37254_PI429010886	M18369	3.64E-06	15	9						108.0902	140.2821	183.9787	81.25016	69.76028	64.51419	70.56572	185.8187	163.9462	212.0939	146.7819	178.0431	148.08	236.4903	144.9791	139.5841	135.6803	120.8183	118.6343	119.9589	103.2145	116.321	123.3865	104.976	205.5616	170.531	180.6083
CUST_39473_PI429010886	M39930	5.06E-06	18	12						2465.06	4424.066	4110.832	1260.686	2411.696	2247.598	2741.645	2768.781	3120.564	5712.144	2697.082	4651.575	4528.171	5732.178	5133.687	3661.505	3187.857	4179.242	3016.912	3792.107	3225.426	3720.06	2203.176	2435.819	3227.523	4135.156	4028.762
CUST_45308_PI429010886	M68658	5.17E-06	12	0	358442122	Broad-complex protein isoform 4 [Penaeus monodc			1.04E-49	20.21835	24.75742	32.10055	18.14003	15.04869	9.419858	15.33921	14.4753	9.510155	24.30007	10.74056	19.39216	23.62815	44.53615	27.36061	14.37169	11.50377	15.75594	7.489011	8.359315	9.329547	10.73592	9.301993	24.65264	22.21414	21.8835	23.22371
CUST_51049_PI429010886	M91954	5.3E-06	21	0						314.8877	385.4652	410.06	162.6527	300.3777	271.7176	174.0729	137.2513	187.2939	213.0864	185.4691	186.6799	189.9733	260.373	137.3935	196.7037	214.8824	139.3321	231.648	222.0327	239.9876	401.8543	227.704	279.387	263.7999	215.0865	251.0141
CUST_46414_PI429010886	M72608	5.34E-06	24	18	405959130	Elongator complex protein 1 [Crassostrea gigas]			1.77E-16	18.78752	26.14633	28.80255	19.31282	16.93182	17.39038	19.09041	22.78742	21.43971	23.36338	13.23457	26.70421	24.7547	32.53672	19.3955	36.96758	24.41741	36.33605	58.58633	34.12708	36.01731	26.6361	34.58379	24.77058	28.43336	21.50683	28.67873
CUST_16275_PI429010886	N35954	5.41E-06	24	21						222.578	221.425	213.51	189.2062	182.2902	177.4848	153.5041	142.7507	151.386	299.389	178.3288	173.2007	162.3309	216	207.0153	260.7005	210.6402	215.4042	216.1856	230.9992	226.9563	272.7999	242.5645	218.2149	275.8443	192.7007	202.5771
CUST_50106_PI429010886	M88646	5.77E-06	18	15						35.38892	56.61232	35.78945	33.39813	32.06361	35.28945	39.52535	37.01331	37.00901	38.28633	37.54361	39.15253	37.31224	43.35936	45.19753	52.56534	38.19149	47.01793	36.91363	48.28142	34.79371	33.68076	34.36554	27.23134	42.85678	35.18059	39.54096
CUST_4336_PI429010886	N16534	5.94E-06	12	0						77.02903	63.3033	73.81964	45.26792	26.47171	22.16055	29.56366	46.51079	51.71837	63.45518	52.84586	80.10123	72.2954	128.4226	69.0257	37.27402	26.59751	17.39272	69.89082	60.40681	51.13662	80.34778	27.64159	38.3841	85.93471	69.9145	81.73916
CUST_9535_PI429010886	N24794	6.03E-06	24	18	443733871	hypothetical protein CAPTEDRAFT_197081 [Capitell			2.07E-07	35.27881	47.58792	46.09323	20.91887	28.40026	26.62182	29.04798	21.14283	24.0422	42.2531	27.19369	25.13331	23.17992	37.77885	34.79371	47.37598	41.23292	39.51821	48.15554	50.2407	52.77021	45.60489	55.35407	30.58011	46.6	38.37639	38.7854
CUST_29351_PI429010886	N59693	6.41E-06	18	0						51.35337	35.97087	27.71495	23.20447	25.56884	28.05565	20.09831	16.82346	17.36105	25.70664	18.11108	25.63451	24.97464	71.88591	27.25419	27.74158	25.66207	44.39447	30.42832	35.53394	28.94552	60.97776	30.82801	25.68589	20.1154	18.10067	24.92176
CUST_17054_PI429010886	N37288	6.7E-06	15	6	478859730	glutathione S-transferases [Macrobrachium nippon	Metabolic process	Cellular amino acid metabolic process	1.01E-43	44.52812	40.81934	3.640382	57.256	49.59839	53.21879	65.68694	47.93244	64.41721	33.70252	40.1699	53.47338	30.89566	14.4635	21.62429	36.47986	24.70497	28.71965	37.78907	42.42919	53.51251	61.80458	49.22548	47.34914	60.99125	35.8336	36.52603
CUST_19903_PI429010886	N42418	7.27E-06	21	15	405974301	hypothetical protein CGI_10026724 [Crassostrea gi			4.89E-18	163.4951	214.5095	152.0834	110.3267	134.7752	160.2379	107.2229	134.1962	122.7515	160.1083	129.5236	140.8068	146.6794	162.1995	175.8023	192.7007	203.482	179.4229	203.5264	176.2225	142.6905	178.5202	184.4849	173.0247	158.2183	131.9438	149.3496
CUST_1657_PI429010886	N10361	7.28E-06	15	0						217.1953	184.654	231.4586	215.2456	174.5672	229.1012	270.8602	164.5164	154.7492	134.8756	138.2955	136.6832	128.3451	172.3811	189.0068	179.9528	238.5792	229.8746	209.0603	168.4747	161.0222	178.7372	174.6614	166.4452	157.5	127.7418	114.1326
CUST_18442_PI429010886	N39806	7.93E-06	18	3						129.8259	184.4849	182.965	369.4169	177.2677	284.7376	171.3591	126.3438	133.2626	140.8976	91.46281	148.4609	74.17182	92.47211	48.54759	116.8757	74.87405	133.8101	81.7755	90.15151	246.4698	176.2225	283.4361	172.2644	213.51	141.6171	115.7238
CUST_51321_PI429010886	M93068	8.56E-06	15	3	156539569	PREDICTED: SET and MYND domain-containing prot			2.08E-09	93.5311	114.4714	61.97713	120.7015	129.2719	101.6948	66.75063	63.50632	53.07285	41.09065	55.70082	31.79024	49.96135	50.6408	60.60207	105.3539	62.506	59.04082	88.6992	69.28034	54.01314	55.39951	80.66968	104.5737	46.17776	41.40356	36.08462
CUST_52983_PI429010886	M99678	8.59E-06	24	18						28.29582	35.91866	41.43272	22.72662	25.43742	22.09691	27.00493	34.59277	30.59469	30.37057	28.90658	35.6143	30.24809	37.36668	38.01489	31.85967	43.19279	36.99055	43.47138	37.81392	39.10739	39.62195	41.92727	32.31352	37.96113	27.10385	37.70458
CUST_11709_PI429010886	N28278	9.38E-06	15	9						9552.668	11673.13	23759.64	1946.546	2925.159	2478.692	15199.11	25196.95	33985.8	31396.1	23998.85	35686.35	20597.24	38394.55	28610.41	17031.04	14355.49	13044.56	11926.23	28610.41	10777.69	29696.39	29142.09	4549.28	52713.61	29210.68	44080.52
CUST_39293_PI429010886	M37357	9.61E-06	21	18						149.0574	177.1792	169.3396	30.41187	84.54992	49.05985	37.86509	64.01814	52.37245	86.82244	25.52881	36.98139	169.3396	140.7918	72.72106	99.05161	156.9601	184.3916	185.2951	170.4767	196.6789	64.3345	106.4056	60.05019	47.51073	50.96015	71.13139
CUST_11518_PI429010886	N27952	1.03E-05	15	0						40.62219	38.67688	47.2535	33.14786	39.68514	44.40267	27.97056	24.66785	33.59506	30.95206	25.56884	28.94785	34.55194	34.88082	30.74148	47.78664	43.363	52.52687	28.99306	21.71104	34.20754	30.45779	32.20521	27.04395	26.86002	25.34926	28.65923
CUST_25111_PI429010886	N51804	1.09E-05	18	9			Protein metabolism	Proteolysis		5.990217	10.2754	14.65658	4.643844	6.831546	NA	4.803208	14.06725	14.96077	16.48255	37.30837	33.71073	25.73345	22.72441	29.29243	11.56577	9.824879	14.39787	14.73015	14.46988	15.03778	4.956681	12.61456	4.3423	17.61017	7.259344	13.03814
CUST_7088_PI429010886	N21023	1.15E-05	18	12	518897355	hypothetical protein [alpha proteobacterium SCGC	Metabolic process	Other	1.23E-27	99.81229	261.6417	135.3575	127.4262	123.669	76.05543	108.7837	176.601	155.7184	197.6332	180.4354	192.8746	214.2001	209.1953	175.8509	201.2707	124.5707	160.0546	133.0452	287.5478	112.064	106.3847	102.8187	75.05721	125.4314	164.0153	168.7266
CUST_52957_PI429010886	M99596	1.17E-05	12	0						10.95668	15.79548	11.19977	7.160939	8.802891	16.91321	4.837943	5.688713	6.268183	11.99992	8.338462	7.360126	10.71325	16.90499	10.16134	7.953838	11.16911	12.59689	5.97138	6.436681	7.719905	8.780794	7.707868	NA	10.84809	14.33237	17.28408
CUST_56538_PI429010886	M114042	1.22E-05	21	0						174.4788	146.0101	154.5247	136.3426	140.7358	134.6768	120.6877	111.5879	102.3344	153.2734	104.964	112.5301	110.9084	128.4766	117.1089	137.4615	118.0698	117.9497	129.9706	137.196	135.3397	138.0091	148.9131	148.08	158.2045	124.4949	130.2217
CUST_13222_PI429010886	N30807	1.23E-05	12	3						237.2477	237.8356	230.0814	269.2314	261.511	390.2131	253.7689	257.8674	215.9695	256.281	259.3866	219.3834	205.1968	219.061	168.3796	257.9765	318.4396	301.4214	257.3277	251.4349	268.82	254.7271	272.638	239.146	217.2265	239.9876	178.3086
CUST_8553_PI429010886	N23215	1.39E-05	15	9	241326643	programmed cell death-involved protein, putative [	Nucleic acid metabolism	RNA metabolic process	1.73E-38	198.7167	231.235	267.8998	192.6772	196.129	191.8566	249.3844	219.3834	201.8776	294.9448	216.741	293.9351	213.7215	276.7086	253.025	226.8032	173.6414	196.5633	171.6462	243.595	180.8415	230.7168	257.5143	202.4642	268.9771	261.0789	318.9508
CUST_10318_PI429010886	N26050	1.42E-05	18	6						5.034012	4.555208	7.407239	7.785373	5.835764	14.25304	29.75085	8.502113	17.06111	8.167815	NA	6.734253	8.161195	7.624707	10.39893	NA	13.295	NA	4.987261	4.414933	5.065174	10.39055	18.37346	9.739447	13.31154	13.18932	19.72128
CUST_6158_PI429010886	N19703	1.44E-05	21	0	242010409	conserved hypothetical protein [Pediculus humanu			2.75E-34	818.9073	656.1679	734.477	660.5155	587.6341	674.2322	598.6499	627.4273	624.8531	631.2945	572.4248	583.066	634.4094	602.4628	648.0827	719.37	706.0046	586.2213	677.3854	687.0726	611.5405	722.955	692.0661	742.9123	619.9697	629.802	637.4283
CUST_28377_PI429010886	N57835	1.46E-05	21	0						302.2555	209.6917	379.0179	196.157	96.30815	192.1174	97.33778	159.0362	117.1213	160.778	87.46258	87.8914	90.57431	156.6119	159.1475	245.2785	130.6215	160.259	109.3542	123.9921	268.1467	213.7802	257.0697	234.443	181.9242	161.827	168.6167
CUST_28608_PI429010886	N58283	1.49E-05	24	15						360.8661	351.2576	327.9176	357.5465	345.7017	330.1179	348.4628	319.5751	304.942	377.8098	370.9949	321.2041	360.8661	404.6132	380.5555	452.1056	499.4614	383.4448	405.5199	418.2809	373.5295	433.0579	354.9858	375.4995	411.6609	296.5712	353.785
CUST_45492_PI429010886	M69280	1.64E-05	18	3						NA	7.529742	13.08017	8.466065	12.24194	14.61247	10.14742	8.381146	8.689343	6.212927	7.338708	8.14453	NA	4.544747	NA	5.673212	6.28041	NA	11.37699	NA	NA	10.35813	16.82346	13.22412	6.776347	10.31326	8.876178
CUST_25344_PI429010886	N52236	1.69E-05	12	0						23.65401	14.85609	21.02813	16.50813	8.084402	12.92626	10.34165	10.4969	7.162712	5.792463	15.88012	14.85271	15.26731	25.9425	18.29194	17.04303	11.80651	21.14283	10.65431	7.527497	6.127478	8.995799	10.27406	10.3662	28.26127	18.44505	19.30622
CUST_36586_PI429010886	M16295	1.73E-05	18	12						179.7342	221.6212	200.21	144.6167	184.5383	164.7204	225.6051	262.5059	238.2441	287.4102	329.473	237.3703	257.4087	327.7237	310.0283	316.0527	194.6296	236.1903	277.6024	323.2711	219.2135	217.159	161.861	108.9026	243.4729	162.0241	286.423
CUST_13190_PI429010886	N30752	1.86E-05	15	12						148.544	280.7168	207.128	87.65825	123.0707	84.49247	250.3612	170.3395	301.9881	332.1138	155.649	275.2295	459.2637	358.8712	289.3731	354.4714	196.032	183.9501	116.1332	192.442	135.6184	347.3822	279.1889	152.2072	1058.251	226.2861	704.9925
CUST_38717_PI429010886	M29543	1.89E-05	18	15						521.8521	372.2873	537.3115	140.2989	473.8216	309.7028	517.6852	423.4903	385.5507	806.3497	330.8112	513.2283	823.8136	643.0031	451.6758	572.2834	622.7518	829.599	519.8548	513.6722	441.9667	356.4277	208.7483	309.2864	204.9855	393.1602	599.2901
CUST_5203_PI429010886	N18394	1.9E-05	24	21			Signal transduction	Other		2754.789	5650.794	3062.827	3027.574	1877.805	2211.182	1353.303	1685.531	1841.426	2623.017	1914.117	3624.616	1293.201	4306.703	3886.072	3578.372	5144.095	2219.95	5650.794	7729.059	6273.384	9358.113	4186.218	4690.442	8448.526	5256.29	8106.278
CUST_44237_PI429010886	M65353	1.96E-05	18	3	388855385	related to FPR2-FK506/rapamycin-binding protein c	Protein metabolism	Protein folding	4.63E-15	293.3227	311.3229	NA	618.5189	345.5168	310.2077	230.4843	49.40423	195.2252	4.127327	5.673834	7.72233	196.129	135.9627	250.6384	416.4515	11.9014	297.9644	NA	148.9974	15.66502	581.5974	NA	348.906	116.7026	56.16844	4.516394
CUST_17638_PI429010886	N38321	1.98E-05	18	6						21.36125	17.7744	14.05481	32.13072	17.8956	27.19369	40.6037	38.88089	45.53479	33.1843	37.80277	33.0225	27.00762	31.64126	30.93077	31.15965	29.75783	29.25886	32.67642	27.9072	15.70076	32.11685	17.71709	36.14573	30.90181	32.96805	43.55575
CUST_30504_PI429010886	N62026	1.99E-05	15	9						28.14633	33.89729	28.65923	8.587225	27.75224	18.50615	36.31145	35.72924	27.79102	42.23347	28.77687	42.72999	28.59435	20.53586	29.36188	36.80914	20.29145	26.92502	21.25854	23.34144	17.70313	27.42777	31.03981	23.2348	29.02633	61.29672	40.73672
CUST_47259_PI429010886	M75364	2.01E-05	18	3						23.59336	26.38687	20.08306	48.43308	42.34172	54.08762	30.01154	12.7435	24.38855	4.769711	12.80802	17.67943	11.12902	25.42315	21.04421	46.60859	11.87443	40.13494	12.95945	29.72938	21.12385	37.92303	30.62818	54.05301	20.84115	18.30186	17.91014
CUST_30527_PI429010886	N62061	2.01E-05	18	9	32565682	Protein ABU-13 [Caenorhabditis elegans] >gi|35106			9.87E-07	5.82746	17.75499	15.02374	4.713461	9.602601	7.065415	11.52917	8.025541	12.21189	44.63765	16.24662	23.23227	15.86747	15.21068	25.40127	18.72259	9.858236	9.489751	8.542736	16.43274	10.95916	5.075645	5.147446	9.409299	19.75734	6.870124	17.86554
CUST_3697_PI429010886	N15073	2.15E-05	24	21						97.67416	111.6628	119.6154	85.17215	93.04202	94.91653	80.76562	91.17869	84.95079	100.8686	105.242	109.3742	96.07604	101.8998	107.4857	100.2191	103.397	105.005	95.20545	121.0641	117.2199	117.9048	130.4682	150.4806	138.7624	115.3266	111.4592
CUST_18665_PI429010886	N40191	2.16E-05	24	18						30.21389	14.92301	19.35495	5.98865	17.68458	10.70475	17.07166	9.588389	11.17232	16.88136	27.73533	21.4174	24.78858	18.50772	NA	28.53867	54.15621	19.30381	33.05506	40.98703	41.31249	31.43244	NA	6.146383	28.67208	NA	25.96255
CUST_47258_PI429010886	M75363	2.55E-05	24	18	321460748	hypothetical protein DAPPUDRAFT_326816 [Daphn	Metabolic process	Other	1.68E-21	41.70336	67.61178	64.74408	42.37752	58.03044	49.18419	36.17076	34.36888	41.03316	69.29923	69.39648	84.48505	44.8896	46.37649	81.82955	81.22317	90.84494	56.16844	79.0243	88.98374	69.56167	69.53748	76.01313	66.51353	60.53815	64.28764	76.89998
CUST_3828_PI429010886	N15359	2.62E-05	21	12						46.63569	5.47471	14.84035	NA	63.94718	309.517	492.1806	33.49626	327.9867	127.5671	NA	NA	939.4252	832.0351	528.3775	68.2813	113.2498	24.66303	783.5804	15.7022	695.332	3.482817	29.45836	12.14051	NA	410.7156	62.92532
CUST_51305_PI429010886	M93004	2.71E-05	18	3	242025030	organic cation transporter, putative [Pediculus hum	Transport	Transmembrane transport	7.7E-09	503.6617	1298.051	880.2112	1695.261	813.1389	1359.544	556.7295	664.7021	678.9878	645.4311	384.4603	446.0696	382.3424	258.2663	364.9554	612.4623	340.3246	731.6805	329.2355	305.3469	898.9921	746.1542	1127.801	741.9924	788.3593	1123.432	552.3175
CUST_19308_PI429010886	N41358	2.85E-05	12	0						23.30384	24.86204	50.56808	13.63311	18.64355	18.84309	22.93439	39.17807	26.07154	32.73413	19.70553	25.94889	48.77148	60.61424	29.00151	19.14986	19.89384	15.07523	14.19691	15.98525	21.70738	23.81072	39.00381	21.61111	64.39273	33.45456	42.36861
CUST_35762_PI429010886	M13443	2.86E-05	18	12						87.82151	130.7466	102.8709	100.1573	80.9345	59.8939	127.5003	109.5048	115.7833	102.8545	163.8724	135.0089	216.741	208.138	178.862	146.0474	100.566	81.46986	111.151	217.2477	103.9891	93.36286	77.1205	61.35068	134.79	199.9828	196.032
CUST_39397_PI429010886	M38840	2.88E-05	15	12						687.5678	1378.873	889.7966	329.4092	590.6242	280.165	794.4801	673.3658	1315.839	1596.656	606.6133	1422.337	1831.59	1796.352	1299.658	1637.238	864.4857	771.3694	518.9265	1034.145	573.39	1276.133	1298.051	668.4719	3893.391	937.3911	3787.685
CUST_43268_PI429010886	M62578	2.88E-05	15	12						27.80368	31.05167	31.39871	25.7467	24.37063	30.06738	23.49374	28.08233	39.32188	35.53394	28.42343	32.62765	50.49286	38.16452	35.23219	38.03336	32.63905	30.04146	21.77287	25.64332	27.42267	27.89184	34.14111	32.99848	36.06105	29.87357	40.84477
CUST_47773_PI429010886	M77559	3.08E-05	15	9						14744.71	18377.26	36785.94	3597.224	4778.44	4639.445	25830.1	28610.41	50702.21	47937.32	33666.48	60028.43	34070.11	54708.78	35264.41	23998.85	25748.12	22723.68	21514.91	39179.95	18023.86	58209.54	44409.28	9207.498	67520.86	40354.05	78574.02
CUST_10994_PI429010886	N27101	3.11E-05	15	9						45.17236	46.40223	40.62506	29.24887	35.51693	16.68253	33.62817	63.09759	78.93037	97.63395	56.16292	65.56207	58.77783	69.4087	50.39093	58.76571	21.30938	29.69394	43.60346	40.15414	45.42072	85.2824	67.64754	18.83394	104.4054	93.20644	85.34367
CUST_4822_PI429010886	N17554	3.15E-05	15	9						251.1828	684.8725	365.1209	116.3712	182.5915	86.87439	821.7869	614.3849	1147.081	1285.231	1241.135	3295.06	963.9292	673.8089	1119.759	6454.955	145.8124	2206.497	408.5798	648.9401	381.1947	3805.814	383.351	1099.991	3243.287	2934.424	5217.309
CUST_5466_PI429010886	N18742	3.17E-05	12	3	63003719	Ascidia sydneiensis samea 6-PGDH mRNA for 6-pho	Metabolic process	Carbohydrate metabolic process	1.22E-57	1245.533	1012.109	822.3869	1942.982	2115.987	2040.559	1918.897	1234.248	1082.445	829.599	1946.546	1103.397	910.8643	732.691	815.0535	1216.535	2149.927	1574.342	2065.573	1213.834	1204.562	1255.497	1143.569	1618.557	726.9909	1035.008	685.1065
CUST_11747_PI429010886	N28340	3.2E-05	21	12						37.06438	59.41199	30.05351	21.60669	32.75767	20.49313	34.92634	22.33694	22.77196	44.96572	24.929	37.62291	52.44678	49.55005	42.0436	45.7637	50.60456	41.18311	24.53437	40.59586	27.93572	35.33485	28.60828	37.87276	28.69117	20.45832	22.01177
CUST_16581_PI429010886	N36501	3.36E-05	21	15			Metabolic process	Lipid metabolic process		34.03924	30.63709	34.23978	10.29533	17.24085	19.61118	14.79157	21.74647	17.38798	18.29602	16.21736	NA	14.98214	21.75394	36.58662	62.45053	30.42483	69.53748	29.76345	61.6776	63.3033	38.46101	24.26769	26.57271	22.84227	12.45327	19.34576
CUST_43305_PI429010886	M62695	3.4E-05	21	0	91079060	PREDICTED: similar to Polycomb protein Suz12 (Sup			1.55E-53	172.957	180.1028	153.4178	135.1036	147.4281	155.9986	130.8664	93.11072	105.5539	144.1866	123.056	138.2955	147.7682	145.726	140.194	192.9519	145.6295	155.7397	157.9551	165.0063	145.308	189.9402	156.0552	146.5479	169.9162	160.4822	152.2072
CUST_21638_PI429010886	N45566	3.42E-05	18	3						31.44965	31.46943	28.98446	52.34171	28.32496	45.95551	17.74139	29.35151	10.45509	23.51614	16.57372	28.59095	20.06979	24.34006	19.91373	27.75224	9.098614	21.82435	24.5556	25.73345	28.888	52.89696	33.01533	31.46943	30.52691	38.68605	29.95175
CUST_51428_PI429010886	M93507	3.45E-05	21	9	260810430	hypothetical protein BRAFLDRAFT_120622 [Branchi			8.91E-12	7.168304	14.55387	13.10037	4.398168	18.88981	19.55335	31.18733	33.09246	33.25306	54.44415	39.61818	51.40578	54.3134	23.35652	32.60782	16.83181	10.85593	14.29954	20.34468	64.58903	42.91318	18.01669	8.588693	3.464036	14.79157	24.44489	37.80681
CUST_1230_PI429010886	N8938	3.52E-05	21	9						77.53281	83.51601	94.53569	109.8741	117.4608	132.2443	115.4652	135.78	119.9123	237.2944	179.6526	146.3743	192.0915	167.8576	173.0953	110.8588	125.8931	133.3745	143.7672	133.5378	94.04891	133.1101	95.7753	108.6304	263.1362	142.7087	153.9132
CUST_9884_PI429010886	N25353	3.55E-05	21	18	48132665	PREDICTED: ubiquitin-conjugating enzyme E2 J2-like			1.66E-59	246.1025	211.9082	224.5142	180.1444	197.1531	166.3529	192.0915	203.8966	208.4275	219.9975	209.0873	262.6197	239.9082	303.4405	242.7679	210.2883	175.0831	228.6651	279.9837	271.0795	255.0348	245.6875	220.2228	225.2988	197.2228	158.9585	218.0605
CUST_44569_PI429010886	M66345	3.65E-05	24	18						1024.808	978.1392	789.4136	516.8489	776.1766	487.9783	923.2313	736.5339	1057.689	969.5225	824.3794	1268.323	833.259	826.1357	937.1457	1265.003	1112.064	851.0651	1487.266	1600.359	1284.605	930.8848	1400.624	867.4252	1171.568	920.3504	1067.136
CUST_47533_PI429010886	M76503	3.83E-05	21	0						44.72593	27.23432	32.86388	30.91745	37.78907	30.76819	26.99397	22.11463	25.64065	35.77964	29.43926	27.21328	16.17384	25.05489	16.5954	17.84023	15.50513	16.04975	20.45683	29.67419	44.48912	40.55619	61.12299	28.28294	32.10376	40.84477	38.15596
CUST_7506_PI429010886	N21644	4.01E-05	15	9	321463584	carboxylase:pyruvate/acetyl-coa/propionyl-CoA [Da	Metabolic process	Cellular amino acid metabolic process	8.15E-60	22.24779	30.31136	26.37567	19.62458	22.87323	15.7841	35.85651	36.58662	42.98911	44.54185	53.23845	47.00702	27.75224	37.71676	27.32084	38.27387	34.86128	22.23059	22.9227	33.6052	21.82911	47.35331	41.34285	15.2174	82.71117	32.97999	53.16758
CUST_10188_PI429010886	N25842	4.07E-05	18	15						91.25978	102.9429	114.3038	92.1489	80.68886	94.44207	103.5071	90.38098	75.37057	105.1778	111.3513	112.6306	115.0528	115.202	123.0174	144.6868	119.2791	117.863	101.92	107.9913	115.5725	98.86383	110.4732	92.10717	133.5047	109.3629	103.3023
CUST_30765_PI429010886	N62607	4.13E-05	18	6						416.8412	272.3366	383.4448	492.7259	294.7498	402.9446	673.8089	473.2302	641.17	390.0674	251.7054	277.3932	749.2477	454.3834	463.0515	226.8346	375.4169	250.2477	249.1725	265.2639	271.9546	423.5928	488.7915	418.9595	474.912	491.272	460.8905
CUST_49401_PI429010886	M85512	4.17E-05	15	9						15.55244	21.24533	14.19445	14.18613	17.79403	17.40574	17.99221	15.24223	18.39819	26.72979	22.17526	21.71687	20.42948	15.60189	21.9738	19.61118	13.87201	17.07599	11.63703	14.77486	7.363331	18.99317	19.60024	16.56737	19.04367	23.42758	18.03617
CUST_28070_PI429010886	N57225	4.19E-05	18	3	443694150	hypothetical protein CAPTEDRAFT_110364 [Capitell	Metabolic process	Other	6.13E-09	537.3115	1415.482	956.1852	2123.129	960.3576	1348.92	660.7381	704.7831	602.6317	572.8694	362.1101	442.2873	572.0401	301.1198	356.4277	607.9318	262.0585	218.2149	362.4934	154.6176	981.4865	969.1321	1221.17	657.8288	1037.274	563.6523	550.2491
CUST_36245_PI429010886	M15160	4.25E-05	24	18						9.289553	11.57662	10.98742	6.906185	4.298534	10.52396	14.59227	11.70566	NA	14.74948	17.72667	7.208745	11.18584	14.09377	7.421979	17.76635	15.69846	8.630999	28.35783	16.23539	19.00858	16.68781	17.42826	18.50615	15.51946	11.27249	13.16084
CUST_14923_PI429010886	N33695	4.27E-05	21	0						182.1781	153.6882	225.7607	92.88396	163.8459	199.344	176.2795	153.2103	144.9176	118.2591	131.4929	95.41159	156.4871	153.961	119.8071	128.3615	166.6372	111.9276	168.032	160.3955	170.596	193.0602	223.6419	205.1968	162.9606	214.5527	152.9208
CUST_876_PI429010886	N7655	4.28E-05	15	9						81.42898	75.41714	84.96672	73.75273	78.49411	86.2674	74.17182	73.96327	84.7131	89.98836	146.1555	100.0727	85.82609	110.9171	98.55351	77.60106	87.85163	84.83474	78.69319	68.33006	68.44956	113.6011	115.5867	57.56812	138.094	120.6382	108.829
CUST_17326_PI429010886	N37780	4.29E-05	18	12						18.39397	16.73161	11.67109	13.86905	8.616285	11.09239	26.35211	25.10875	17.85771	33.62524	19.94541	20.71812	26.52223	18.97043	27.03609	24.11276	21.39305	17.37759	20.71416	17.75695	22.91218	9.758601	17.67943	12.14778	13.25777	12.06262	22.3138
CUST_46376_PI429010886	M72436	4.49E-05	18	3						137.5853	4.307455	144.4224	123.4738	116.8917	173.5211	16.40268	69.81278	68.34468	59.50102	17.40769	24.03945	22.98483	21.31694	65.55617	21.04144	19.2789	7.144042	NA	92.72381	61.23542	236.6472	103.2892	70.89744	61.80458	45.75802	50.03352
CUST_39285_PI429010886	M37210	4.67E-05	15	9	532759728	antimicrobial peptide type 2 precursor IIb [Pandalo			2.7E-30	687.964	560.8883	307.6262	747.806	932.818	157.9551	1254.757	497.9965	1741.833	1369.558	723.6629	2070.325	1210.833	1346.091	807.1828	658.6556	1217.47	750.3627	315.6417	319.745	342.0536	879.0511	596.1618	1430.775	3378.169	1272.526	3018.553
CUST_31818_PI429010886	M2485	4.9E-05	24	18						361.2861	342.0536	348.8261	289.7899	283.2143	343.3378	311.7466	349.4134	239.7427	446.3108	534.4051	472.8988	320.693	487.9783	477.9922	707.6225	770.7121	813.6581	581.2638	861.813	641.887	597.939	407.9548	609.4542	1013.924	586.9437	829.1909
CUST_17207_PI429010886	N37572	5.03E-05	24	3						28.56717	28.36898	21.16222	42.07479	33.41607	35.71639	21.11131	21.53946	25.11695	29.04226	17.947	19.40757	11.93292	9.454588	17.08381	23.12912	15.91783	18.11337	21.79421	9.887988	34.8131	16.13381	29.38995	21.55583	23.29568	25.98413	23.90824
CUST_48554_PI429010886	M80964	5.05E-05	21	3	9367047	Euphausia superba 28S large subunit ribosomal RN			1.5E-150	169441.2	175370.5	169441.2	178679.8	180118	173562.9	176759.5	165803.3	165207	190551.5	166443.6	165207	165207	160411.4	157589.4	148780.5	164488.1	153607.2	166443.6	159657.9	182883	161030.7	169441.2	171853.4	186937.6	174460.2	172547
CUST_1840_PI429010886	N10852	5.55E-05	24	9						152.3321	106.908	NA	175.2355	281.0282	328.2844	193.8995	308.1438	248.7921	474.3801	370.8487	538.4051	274.5343	287.0591	189.1194	9.313914	178.0976	32.71805	7.178303	712.9294	105.2954	88.7408	22.07122	77.38462	34.43912	NA	35.83833
CUST_9282_PI429010886	N24367	5.81E-05	15	9	532759728	antimicrobial peptide type 2 precursor IIb [Pandalo			8.33E-31	881.5993	1528.209	646.5567	1115.976	1065.113	230.6606	2205.198	1053.349	3390.638	2464.001	922.8399	3010.148	2195.833	1525.167	1133.519	1358.952	1771.34	1165.381	502.6158	586.5167	580.3063	1614.376	984.9879	2166.108	4114.35	1929.904	5144.095
CUST_22632_PI429010886	N47367	5.83E-05	24	21						6.017128	11.62742	7.066118	4.611815	8.041483	5.98944	3.756362	5.828885	5.838228	6.480429	4.943	NA	4.379882	NA	5.319597	12.20563	7.308005	NA	9.112459	59.22654	9.334862	16.98325	13.80154	NA	8.356596	NA	9.117443
CUST_6257_PI429010886	N19859	6E-05	21	18						1162.112	1242.051	999.4148	938.0188	1055.576	978.4784	1013.618	919.3319	900.1864	1037.274	1070.179	1080.128	888.7344	1017.392	1023.389	1199.213	1293.201	1097.654	1242.81	1187.094	1128.352	1218.367	1187.094	1110.941	1072.188	989.1564	1054.214
CUST_50402_PI429010886	M89702	6.15E-05	15	12						47.23018	27.97946	48.84597	14.78359	21.14577	11.26192	39.766	36.64631	26.56221	25.22969	49.49896	65.15734	70.24276	78.64329	116.0087	33.94434	75.09478	32.35284	21.73089	30.86679	15.06859	25.37	138.3904	172.1642	81.61454	51.6678	168.2962
CUST_20203_PI429010886	N43014	6.23E-05	24	18	507628788	PREDICTED: LOW QUALITY PROTEIN: importin-4 [Ec			3.59E-33	96.21869	125.2228	98.57526	141.5625	121.3759	111.8492	91.11943	98.02439	94.16491	112.5793	126.1331	104.0193	88.78018	133.4278	118.8413	150.8165	151.8121	134.3671	137.604	163.3967	187.0261	144.9326	123.4117	136.6377	146.2811	141.8325	138.2955
CUST_5191_PI429010886	N18380	6.24E-05	18	15						209.3167	206.6019	150.434	139.216	147.3674	127.5221	127.8042	143.7068	118.8413	173.1201	147.0435	209.5249	151.6596	144.1656	207.7149	235.2181	169.5063	174.1781	145.0813	272.8585	156.0552	258.1237	147.3848	167.982	136.0993	125.4203	87.34049
CUST_16417_PI429010886	N36201	6.28E-05	24	0						27.18447	22.05551	36.5122	25.03495	19.32542	15.35258	21.82911	14.74259	26.66659	12.48145	13.27508	33.87876	13.26351	28.77061	6.38992	12.23171	10.13438	7.68792	18.59923	22.44547	28.96358	22.4606	25.88089	18.87895	27.94887	29.68097	36.99055
CUST_32361_PI429010886	M3933	6.34E-05	18	9	386118315	56kDa selenium binding protein [Acropora millepor			7.11E-66	16.62053	10.27942	16.69384	12.87351	12.44655	17.48685	19.5882	20.87902	26.62182	33.98233	16.29756	32.86117	24.35681	31.66159	27.29125	24.36596	26.46898	17.73942	15.42005	11.32033	16.74268	23.92174	22.43724	16.02003	32.13434	24.51944	17.85063
CUST_45038_PI429010886	M67802	6.37E-05	18	0	123316129	Portunus pelagicus actin mRNA, partial cds			3.53E-56	85.55586	103.5194	94.64608	122.1037	78.27999	80.33892	74.26685	85.3343	73.75273	67.1799	76.84434	65.11259	77.76127	70.99743	36.4354	75.22711	74.19557	53.12725	89.4301	134.282	76.52417	88.47454	87.07504	83.53882	60.51107	75.71395	76.98892
CUST_47527_PI429010886	M76474	6.43E-05	15	0						38.30957	47.66523	50.40874	32.99565	29.73851	41.52857	26.97315	23.84605	31.74511	33.76678	33.26161	40.04237	32.29627	51.58072	40.57245	42.32826	43.04145	43.28801	28.97255	22.34585	29.5457	39.63103	17.4849	27.5502	33.00505	36.44258	41.98854
CUST_33298_PI429010886	M6531	6.5E-05	15	9	307202832	Annexin-B11 [Harpegnathos saltator]			3.99E-38	42.89021	51.42712	48.24061	40.96307	39.82044	34.8364	67.48171	39.71396	50.54005	55.42699	61.29672	63.16675	51.29496	63.98783	72.16312	72.55972	36.09309	53.81515	37.32614	52.86776	37.80277	67.28086	49.67787	41.66498	74.03663	91.99262	80.00094
CUST_1694_PI429010886	N10456	6.77E-05	24	12	380017443	PREDICTED: carboxypeptidase B-like [Apis florea]	Protein metabolism	Proteolysis	7.36E-65	502.9268	387.779	472.8988	43.24186	597.7736	347.5866	790.5889	504.3528	492.0126	518.0939	501.1913	623.8166	524.0613	1119.759	522.6581	270.3602	444.4951	345.5168	138.2244	297.7533	128.673	21.18631	278.8959	200.8116	449.3849	85.07901	337.1609
CUST_32403_PI429010886	M4015	6.87E-05	24	15			Metabolic process	Cellular amino acid metabolic process		178.1697	104.2639	138.323	69.18954	141.7648	99.2894	86.20359	74.6525	118.7738	93.46673	115.9402	186.7272	210.0878	212.3072	204.0536	250.3151	178.2181	269.0643	132.4207	224.1873	148.6082	181.8837	149.4702	161.2028	138.323	147.1696	184.5131
CUST_14650_PI429010886	N33230	6.95E-05	21	9						6.177678	10.93186	9.296266	16.23717	14.94965	9.230112	27.07724	9.267153	19.50089	47.20161	17.45875	17.89801	12.31693	10.99426	12.88708	10.79019	13.58569	11.49086	20.52907	11.33598	9.262293	7.897325	8.013121	8.695689	12.85526	21.74923	30.0998
CUST_53843_PI429010886	M103389	7.35E-05	24	3						1008.924	3435.959	1545.528	4440.858	1776.211	2352.559	1782.524	1514.446	1857.991	1739.21	694.9126	1973.742	1377.193	1387.967	810.6402	304.6076	396.481	907.7978	748.0078	1305.705	1798.294	1072.188	2013.592	1264.445	2163.813	2743.533	1160.295
CUST_2484_PI429010886	N12482	7.38E-05	15	0						1848.861	1744.83	1848.861	949.0578	1535.786	1675.386	999.0406	867.8685	1082.038	1508.034	1446.386	1236.95	982.8541	1406.196	1374.989	2180.377	1835.374	2257.795	1680.099	1805.829	1569.952	1587.608	1210.418	1233.197	1666.923	1111.525	1576.033
CUST_37152_PI429010886	M18015	7.41E-05	21	0						907.4672	966.7908	793.9994	403.4054	686.1452	787.7599	560.1437	635.813	683.1376	672.3398	504.1608	686.896	503.6617	650.0167	376.1818	444.9718	665.6609	664.8684	509.2578	815.5774	670.3311	697.5569	683.7716	853.3995	826.6639	619.5429	702.0078
CUST_25120_PI429010886	N51814	7.49E-05	24	15						8.822611	7.063727	8.319795	6.212154	7.226406	NA	NA	7.099269	5.558018	20.26123	6.533554	12.51404	8.968773	17.03233	NA	24.93189	NA	12.99648	16.84886	17.08729	20.09831	12.07272	16.88939	9.08845	14.57533	10.53371	9.792471
CUST_42373_PI429010886	M60129	7.51E-05	24	9						94.25565	87.93229	NA	114.2745	262.9561	280.2255	132.7894	237.9979	187.2169	414.1007	317.0842	383.017	203.5264	188.2993	178.4456	NA	121.8132	11.41581	6.847004	589.9381	102.205	63.00905	17.71088	59.83655	21.12887	6.746227	20.40858
CUST_15607_PI429010886	N34856	7.82E-05	15	9						168.7755	27.70404	317.9044	37.87644	106.4186	122.6286	284.3166	433.4824	356.8337	300.8257	369.8403	443.9779	202.0834	317.1399	195.9585	311.0329	267.983	264.5866	94.13978	196.0648	52.73287	229.3656	165.2714	69.90395	324.1857	279.7284	615.9204
CUST_38478_PI429010886	M27180	7.91E-05	15	12	242009985	zinc finger protein CCCH domain-containing protein			3.07E-48	46.9717	43.55173	65.64906	40.82788	27.99312	30.21389	34.49254	62.46895	49.27786	70.68641	49.38456	61.48326	56.03701	77.1366	64.35394	53.66581	42.9717	44.71419	40.11789	52.18439	45.68644	44.94616	48.13849	34.64857	76.94138	63.91001	66.00564
CUST_1219_PI429010886	N8897	8.09E-05	12	3	321469994	hypothetical protein DAPPUDRAFT_318119 [Daphn			2.09E-20	132.2831	5.330779	106.2399	488.5796	759.2915	946.7835	617.5712	181.9242	138.7005	4.82625	375.4995	8.516835	31.36762	8.058299	8.447696	NA	2861.487	1883.709	447.7446	NA	591.2615	NA	289.2197	361.8439	NA	338.5891	NA
CUST_19662_PI429010886	N41968	8.17E-05	12	9						1485.346	8106.278	1200.709	612.2893	640.4514	436.2219	1915.9	2377.614	1283.349	5875.497	1133.023	3292.379	1292.668	624.13	1481.812	977.4233	823.2501	732.314	2771.702	1795.627	1490.779	3147.989	1941.576	4396.276	713.4223	1745.549	3254.31
CUST_38843_PI429010886	M31132	8.25E-05	15	9	532759728	antimicrobial peptide type 2 precursor IIb [Pandalo			2.51E-30	2462.824	4077.008	1328.52	3656.575	2478.692	1414.097	5396.825	3001.59	6694.984	5794.422	2201.928	7364.493	6065.211	4107.091	5402.577	6495.601	5271.276	3893.391	2089.376	1870.503	1397.451	3890.087	1964.934	5197.227	8611.654	6136.091	7404.352
CUST_538_PI429010886	N5886	8.27E-05	15	3	405973827	Cytochrome c [Crassostrea gigas]			4.91E-30	1878.86	2191.024	1387.428	2004.816	2246.519	2377.614	2144.378	1673.62	1493.465	1215.949	1774.992	1280.61	1361.981	1222.467	1196.575	1901.328	1867.343	2036.617	2323.132	1419.795	1692.652	1758.855	1497.781	1964.934	1367.805	1483.935	1390.385
CUST_27133_PI429010886	N55506	8.36E-05	15	9	157132998	4-aminobutyrate aminotransferase [Aedes aegypti]	Metabolic process	Cellular amino acid metabolic process	2.06E-36	144.7965	198.4542	193.2364	128.0141	126.4932	131.9942	149.507	181.5941	194.777	204.9855	183.2048	221.7247	205.0143	177.7855	189.5057	178.1983	115.284	146.1555	131.863	160.9334	159.7611	193.8296	143.8077	153.8888	201.8347	181.1566	255.4386
CUST_43228_PI429010886	M62469	8.38E-05	15	12	512883568	PREDICTED: putative ferric-chelate reductase 1-like			3.05E-08	47.5011	65.25641	155.5527	33.51452	41.31249	34.50513	17.59799	98.0649	97.82533	178.4123	94.47657	133.6264	199.4834	341.6507	134.9903	75.75327	70.65347	51.6678	39.26949	73.5908	58.49374	114.7609	130.2384	23.61053	219.4136	73.31065	197.2996

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_16648_PI429010886	N36626	8.48E-05	18	3						67.57577	70.98423	90.19499	104.8092	78.26326	96.28021	63.65227	54.27879	66.73255	53.21879	62.85005	54.45697	52.10062	47.70628	39.49607	71.10646	63.34141	75.68737	59.38984	39.39152	74.4613	71.9913	82.31536	64.64151	63.71417	65.04995	45.74288
CUST_38712_PI429010886	M29383	8.67E-05	15	9	371591223	Euphausia superba voucher 702K mitochondrion, pa				10510.22	7462.719	8675.932	8904.357	8313.066	19004.47	22140.21	15922.04	10200.91	29696.39	45970.08	33813.8	7306.322	13202.87	18727.55	13124.49	8176.608	8986.011	7828.426	35818.08	10559.01	26783.35	24777.72	51007.02	26153.6	34070.11	30972.22
CUST_8092_PI429010886	N22527	8.72E-05	18	3	345490220	PREDICTED: hypothetical protein LOC100121192 isc			1.4E-28	94.16491	95.97714	100.8435	122.3884	111.7039	114.3333	111.3772	85.50355	93.90071	90.8645	92.55609	74.75705	82.04247	71.94962	80.53149	91.96613	100.4233	99.6429	97.73561	76.79471	105.0723	101.4497	100.2916	100.4962	136.0755	93.58403	77.2785
CUST_45641_PI429010886	M69763	8.82E-05	15	12	224587574	Exportin-1 [Salmo salar]			4.13E-53	20.72467	27.78747	18.46255	13.55063	14.73662	24.53193	19.30172	15.03778	38.94819	37.30131	18.12996	27.9952	39.53783	34.26633	40.87212	35.88091	26.22826	22.81578	20.17321	23.24144	16.51414	24.94331	22.14748	27.39302	29.06247	28.53623	29.98387
CUST_9339_PI429010886	N24462	8.82E-05	15	12						682.0753	1302.095	890.6855	293.013	518.5036	240.1049	766.6399	691.8386	1267.407	1385.628	626.8612	1323.05	1700.08	1720.979	1228.741	1782.524	807.9372	708.9187	491.1625	1015.729	532.0502	1332.781	1300.946	607.9318	3742.075	1016.074	3676.785
CUST_715_PI429010886	N6896	8.9E-05	15	9						20168.54	36281.72	46148.42	6018.766	8814.529	5039.929	29537.19	49052.57	63067.91	54053.67	46673.5	61898.59	39918.27	73854.47	65192.57	38256.92	26713.02	32330.94	28815.19	55642.21	28694.35	63412.19	45790.2	8995.888	70499.75	63973.47	75608.53
CUST_53318_PI429010886	M101251	8.9E-05	24	9						87.13975	103.1223	97.17307	62.71467	146.585	131.7341	72.20186	91.48208	157.4606	314.8877	149.2467	446.5232	136.8476	206.3839	86.58356	20.84589	87.15435	71.15715	42.58462	8.337419	32.94363	23.39495	51.67859	51.88614	20.44558	207.9906	226.5511
CUST_49570_PI429010886	M86174	9.01E-05	15	9						1493.465	5251.069	5503.933	615.9204	928.4158	356.1302	1344.532	6336.037	11089.86	11161.59	6018.766	11838.35	7017.655	13375.82	9061.383	5980.233	2945.87	2986.925	3503.673	8527.974	4120.1	11454.19	9992.798	799.1588	14744.71	9898.02	16062.45
CUST_25716_PI429010886	N52933	9.18E-05	21	15						41.14049	40.15861	51.52202	39.04691	40.50555	72.21756	44.87442	41.96975	39.414	41.14494	40.09244	48.87456	45.98092	43.83106	42.12575	57.99026	76.64595	66.07282	62.33854	47.3028	56.7825	45.25329	46.90544	73.90307	33.01824	37.81058	36.00037
CUST_713_PI429010886	N6893	9.23E-05	15	9						20719.17	27464.78	54053.67	4318.11	6614.331	5985.533	38079.24	58446.35	72295.32	52551.15	43935.4	66128	37651.14	72732.64	47369.29	31716.06	32869.85	27142.29	21372.62	54708.78	23759.64	63688.85	60957.53	10831.29	87164.76	61640.76	103589.1
CUST_34086_PI429010886	M8733	9.7E-05	18	3						67.77286	52.40185	62.26361	86.80804	67.86664	82.49999	47.93942	36.12998	44.25502	36.53021	33.58065	12.75496	47.8728	64.11406	37.11196	51.00626	44.97088	66.33801	33.23976	32.75472	48.22578	58.20859	53.95436	79.80797	50.20569	43.18074	35.67442
CUST_38273_PI429010886	M24900	9.73E-05	21	3						11.44906	12.81122	25.86296	19.24083	30.8467	24.4716	15.21915	12.93585	20.5721	19.36786	19.87757	17.61934	11.33598	11.33779	18.02091	12.06791	14.90361	9.784863	17.34784	15.24563	13.023	19.54896	29.09612	13.17199	38.723	27.73533	22.84227
CUST_46623_PI429010886	M73200	0.000101	24	12	443708502	hypothetical protein CAPTEDRAFT_185644 [Capitell			7.91E-08	26.58056	28.86885	30.21934	23.26869	27.18226	27.4471	34.58049	30.18791	26.47532	33.42247	30.36684	43.09498	35.74458	41.07674	47.02813	34.7029	42.98324	38.13489	33.73552	40.86821	31.09756	35.37802	31.12763	19.65247	43.90259	30.87561	28.93334
CUST_50532_PI429010886	M90163	0.000108	15	9						115.9402	144.0774	207.7747	159.32	163.2051	153.8239	175.5769	166.9868	167.6977	179.4229	180.1262	216.7674	154.1139	200.5697	132.7287	131.39	150.8429	164.8776	160.8644	154.0879	165.5902	161.6849	214.2583	166.8454	195.1331	169.0881	181.8579
CUST_20246_PI429010886	N43095	0.000109	12	9						32.24298	25.67234	16.97989	43.81829	42.33366	41.11091	44.18048	33.71856	35.97953	50.0808	50.04999	40.57649	29.74822	7.077971	23.33698	37.34183	50.61028	32.01033	67.85743	33.22111	37.03334	43.08722	40.78034	82.86721	32.92321	25.82466	23.61475
CUST_44716_PI429010886	M66762	0.000111	18	12						16.14566	16.97048	10.36994	12.47348	8.653249	NA	4.715895	11.54084	8.548078	19.05357	10.27406	12.49592	23.72179	18.34756	26.14965	12.49458	14.65365	NA	4.798002	13.08345	NA	11.0059	10.41181	11.99536	9.318343	7.281858	8.682476
CUST_8968_PI429010886	N23867	0.000112	24	15						68.96573	89.59424	76.76597	101.2666	83.67885	94.70207	85.01801	82.65719	95.18251	134.5271	116.1174	164.4877	102.9204	120.363	117.3341	155.0502	133.0251	143.4947	92.69475	140.6429	130.8343	126.5103	109.2001	99.2894	100.5206	93.41435	106.9663
CUST_36610_PI429010886	M16348	0.000114	24	15						5.91164	5.428277	NA	NA	4.014612	NA	5.961141	5.070641	7.107009	9.370503	10.94377	8.506994	9.676508	12.59239	9.610816	9.791272	NA	14.85731	16.54136	7.003494	13.7763	6.099554	NA	14.53785	9.534612	NA	4.968738
CUST_36544_PI429010886	M16194	0.000117	15	12	321459531	hypothetical protein DAPPUDRAFT_309375 [Daphn			8.23E-25	147.1503	198.8279	181.4093	130.3093	115.5186	133.7601	133.006	136.3782	145.0486	190.2685	146.3743	194.1717	154.8286	206.1326	208.5959	240.3735	151.7333	197.384	128.195	157.7478	140.2062	187.387	165.9249	142.2307	195.6579	135.0274	183.4152
CUST_13571_PI429010886	N31397	0.000118	24	15						160.0546	177.8416	220.2228	108.8762	120.7762	213.6671	167.1087	228.1106	201.085	252.7105	224.858	431.462	206.9847	376.5573	380.7018	415.4709	277.7527	335.1917	248.0682	269.0643	250.7705	285.8071	238.5428	173.9653	269.9974	205.3314	189.1715
CUST_16373_PI429010886	N36123	0.000118	24	3						14.40922	34.91043	23.34144	21.61111	17.47454	34.41491	15.39972	28.11091	15.96047	14.90976	8.367475	26.94089	10.7438	13.38001	4.507727	8.194751	7.518909	9.706284	8.927589	10.40557	18.84163	10.93801	29.30762	15.72409	23.11258	30.515	12.57708
CUST_21983_PI429010886	N46209	0.000121	18	12						33.46305	39.00975	31.73942	27.53501	24.4665	24.72926	22.88862	29.87699	35.04514	36.606	35.24411	37.02998	42.22198	37.74522	37.74031	37.52021	31.88231	23.59619	29.45107	34.87551	40.06518	29.54391	28.45711	23.80497	31.88231	19.78047	32.87464
CUST_35296_PI429010886	M12167	0.000122	15	9						278.5705	353.6127	326.1708	223.1189	259.2819	254.7271	315.2378	331.1696	368.7924	448.0031	274.1119	420.5887	311.7466	450.8925	339.6011	305.2873	235.2484	296.0927	308.7717	266.851	270.707	391.2629	379.0729	248.2496	467.8704	364.8104	411.1682
CUST_25453_PI429010886	N52446	0.000122	18	3						52.43379	68.98284	47.82652	72.4241	53.12725	70.54693	61.40781	51.50234	41.7785	47.25743	33.7142	42.24487	31.1045	17.5491	25.29581	50.37311	51.75281	48.57108	49.20588	41.0381	55.71823	40.92745	72.6524	59.59032	58.81878	55.74802	38.94819
CUST_39873_PI429010886	M46045	0.000123	24	3						4635.589	14035.86	8597.6	23818.16	12762.11	11583.53	9087.177	11243.07	4348.32	4827.614	10130.67	8827.561	3154.98	6767.816	9739.086	3925.917	1647.631	2809.847	4729.674	2118.286	8974.042	9448.983	10190.76	7974.043	5875.497	5635.242	8378.604
CUST_42802_PI429010886	M61293	0.000124	24	15						26.21698	24.95013	23.01368	16.20611	17.98995	18.32903	24.40411	25.00056	23.29073	20.75304	18.8495	25.36437	22.94743	31.87606	31.24487	38.32695	50.0808	33.16699	25.41068	24.54416	31.00851	27.24651	12.89178	20.82676	26.72979	26.62834	26.4818
CUST_2240_PI429010886	N11945	0.000125	18	6	321455300	hypothetical protein DAPPUDRAFT_64687 [Daphnia			1.81E-51	NA	79.80797	48.20166	184.3916	271.7719	136.3625	142.2559	969.5225	936.0363	128.2056	290.5996	427.9524	293.3716	68.72308	227.5328	5.089219	105.3783	5.617915	111.8286	435.9739	527.7394	NA	276.2901	242.6822	NA	538.667	903.546
CUST_714_PI429010886	N6894	0.000125	15	9						20102.84	32708.63	45401.69	4461.585	7248.432	4706.053	32330.94	52978.01	64571.61	58715.07	43024.52	73076.54	39731.64	81423.55	63067.91	31148.55	26037.41	26406.52	27975.24	49052.57	26532.79	64571.61	55819.51	10200.91	76927.64	58446.35	81077.7
CUST_32645_PI429010886	M4677	0.000126	12	9	321462910	hypothetical protein DAPPUDRAFT_307535 [Daphn	Protein metabolism	Proteolysis	6.83E-62	472.1948	315.3784	17.08982	353.3873	18.61312	35.1468	14.58501	333.4458	261.8083	587.1049	404.8823	897.4259	17.10365	21.34103	NA	6.433191	7.509358	216.8689	813.4135	288.4954	307.2905	791.8244	530.9675	661.3119	278.7763	402.2126	484.2538
CUST_19676_PI429010886	N41996	0.000126	18	12						94.77604	84.89465	106.0522	89.98836	81.21391	85.62903	67.79099	88.42631	96.9916	61.48326	104.7823	144.7304	114.4015	112.7975	118.3064	116.9508	107.6119	108.8006	140.9566	109.4262	88.72989	93.35337	61.07112	66.26094	101.3304	95.81155	99.31284
CUST_15230_PI429010886	N34232	0.000127	21	15						476.4015	559.1604	539.1803	482.753	447.2563	504.7239	407.5311	425.6417	431.93	507.5628	437.8204	541.117	472.5516	558.5528	590.4824	661.1589	585.0822	509.7336	550.2491	506.9726	524.4761	568.0071	513.797	532.1598	557.4875	450.3936	469.0438
CUST_39150_PI429010886	M35302	0.000128	15	12	493789484	hypothetical protein, partial [Lactobacillus iners] >g			9.09E-08	6744.801	8228.765	9739.086	2287.157	4988.507	1989.387	13673.74	14035.86	22307.76	11413.33	7701.667	8378.604	40638.34	36398.63	25407.19	22631.71	13339.53	4743.467	7266.955	6744.801	6168.628	12313.28	9398.296	6189.048	35569.55	6600.16	46511.8
CUST_10210_PI429010886	N25881	0.00013	15	9						23759.64	33418.81	58209.54	5650.794	8255.78	6122.745	33059.64	54708.78	76141.25	66663.04	48876.8	72295.32	43755.93	72295.32	54992.02	35818.08	31716.06	29992.45	27353.46	58446.35	32528.46	74289.93	61341.21	9992.798	93952.87	58936.46	99779.5
CUST_25532_PI429010886	N52581	0.000131	18	3						9.896666	15.28811	15.59665	14.62912	12.85526	16.43063	9.315276	13.48931	11.45088	8.848997	10.82989	7.90501	10.13647	NA	5.202739	8.951802	13.51055	10.20858	6.967135	7.665956	13.87348	16.33892	16.51743	23.531	NA	12.35209	8.434609
CUST_29212_PI429010886	N59407	0.000131	15	12						35.18679	39.39152	51.57463	27.76975	33.38822	30.24466	29.77206	36.53489	35.05495	38.34742	29.86056	151.1026	61.55497	46.75333	43.63321	36.19462	34.02862	36.73877	36.5186	33.38385	28.7253	33.80408	43.09035	26.0691	53.77942	43.29309	53.8551
CUST_32095_PI429010886	M3220	0.000131	15	9						65.99023	86.97645	65.52616	57.30764	56.80303	51.87045	58.90324	58.08045	57.46153	91.39106	81.13979	80.68886	68.64401	83.48026	59.90035	63.11008	64.78587	59.00313	57.21451	74.40778	58.79065	77.70756	72.20186	58.22987	90.60771	66.75063	71.82501
CUST_51270_PI429010886	M92879	0.000131	15	6			Symbiosis, encompassing mutualism through parasitism	Other		24.20666	19.84167	21.7344	37.30837	35.68147	60.95703	50.65259	122.2713	77.63254	103.3151	64.91729	70.27659	55.32113	28.60108	44.9603	31.18382	44.74185	23.50136	71.07701	94.33627	194.9822	82.21549	75.17352	64.94243	22.35102	55.6932	74.97848
CUST_51673_PI429010886	M94531	0.000137	24	18						16.1391	9.787782	NA	4.474584	9.501422	7.916656	16.90946	7.379797	8.0157	10.69206	21.89979	13.69809	8.096609	NA	8.275583	32.26938	22.11226	31.14323	23.32	26.65768	24.57313	18.35021	38.27387	6.077986	17.7958	17.11186	13.43349
CUST_52430_PI429010886	M97422	0.000138	12	0						164.0893	162.1587	187.1474	175.8509	142.7507	150.286	124.513	159.0925	132.1519	133.1717	146.1977	160.804	314.246	202.5331	121.3613	158.2183	146.0723	156.1462	121.2504	134.162	127.7879	151.9486	169.8261	120.3747	179.0372	191.9229	182.6137
CUST_47432_PI429010886	M76089	0.000141	21	18						41.36078	41.39181	46.1565	35.71039	20.38809	34.09884	18.57026	18.52898	23.65987	21.83532	21.94699	94.23139	36.40505	62.69277	41.83506	33.02612	40.85343	38.8107	45.04433	65.85741	41.06525	41.79247	28.01868	39.23735	34.14111	37.67218	37.77885
CUST_12748_PI429010886	N29978	0.000143	21	3						1534.021	1888.53	1940.549	2729.519	2212.175	1873.43	1663.063	1012.516	1714.256	2086.783	981.4865	1010.24	394.4542	1088.106	645.1219	1377.193	757.2157	922.8399	785.0368	415.7405	2441.116	1597.443	2518.59	962.8744	2606.005	2254.33	1406.196
CUST_44277_PI429010886	M65466	0.000146	12	3						11.84191	13.26879	22.6017	19.48202	28.70795	34.55538	20.00172	13.73363	16.44746	15.40175	9.366783	NA	NA	10.04937	11.8505	18.12511	66.87846	47.85374	16.25197	14.9864	NA	6.221163	5.132251	14.17556	11.30787	10.26419	9.996492
CUST_51477_PI429010886	M93668	0.000156	24	3						38.30389	44.28069	30.66153	39.65895	35.77567	116.1033	33.92714	29.77528	24.35681	32.10376	18.50615	15.80258	14.75975	25.47702	9.648135	38.1599	32.00329	15.06859	25.25393	25.74383	15.228	31.62724	26.10969	30.13575	35.75443	40.87212	21.65726
CUST_21666_PI429010886	N45620	0.000156	24	15						64.47443	57.41489	44.25502	50.8348	54.5454	57.70169	37.20061	50.80203	38.76201	61.75222	66.938	54.89215	62.24459	57.62155	47.17722	86.38663	68.2813	66.15125	71.00324	64.10151	64.1319	75.62563	57.60056	55.54708	67.89063	45.62376	58.36968
CUST_50682_PI429010886	M90639	0.000157	21	9						26.61723	30.16372	35.38892	38.09477	34.119	48.71321	47.03357	75.06598	46.12593	48.16535	74.58008	64.70488	52.5097	36.19875	39.39544	28.35396	53.59509	34.7772	38.73964	106.6808	47.47988	33.7306	29.32288	34.03186	45.51068	46.16276	64.77801
CUST_32427_PI429010886	M4094	0.000159	21	0						1450.058	1127.217	1574.342	936.7815	764.7939	946.2082	907.4672	748.7335	748.9581	960.3576	826.4016	1071.809	733.3828	916.49	930.6107	1289.132	1059.917	942.6383	1328.909	891.3926	1010.922	1063.907	1013.272	1115.083	1031.749	783.5804	873.1071
CUST_47034_PI429010886	M74605	0.000159	21	3						38.36859	28.73729	37.70021	47.35331	38.19149	43.29309	45.95892	22.35568	35.54095	45.9505	43.85239	24.4665	30.65659	20.49973	29.18222	42.20687	27.33369	25.80821	24.92567	16.01119	28.47434	40.99957	27.46314	25.93979	72.55294	47.12699	75.84454
CUST_43587_PI429010886	M63421	0.000162	12	9	54042615	arthrodial cuticle protein AMP6.0 [Callinectes sapid			3.27E-15	1246.965	1817.335	1529.572	876.7586	448.4129	549.794	1659.929	1771.34	2708.301	4297.995	1743.746	3024.762	2022.724	2800.799	1750.319	803.7954	1901.328	786.706	861.1597	1608.297	1065.852	3485.611	2343.419	1988.345	3177.58	852.9478	2658.303
CUST_41879_PI429010886	M58780	0.000163	24	12						118.8194	99.24333	112.5941	126.5833	150.1848	172.854	118.4488	74.93674	122.3475	166.8454	156.8208	220.0411	259.2453	203.7035	192.5048	190.6989	167.5706	183.4917	179.0014	157.4172	226.6782	174.6614	190.8837	147.2113	164.9622	137.0338	86.24828
CUST_12158_PI429010886	N29022	0.000163	24	0						55.50473	106.1871	83.70947	38.65653	69.68816	26.16897	37.56967	46.16276	11.99669	164.6926	25.51724	5.739453	36.606	3.89124	19.47657	12.79969	36.87977	10.59486	42.37752	26.96892	34.0757	52.59799	66.16504	47.5835	31.86956	104.8657	79.80104
CUST_46399_PI429010886	M72543	0.000163	21	12						49.16013	56.43061	56.22273	36.50455	36.22709	39.7525	34.42762	41.15103	39.90155	47.76338	49.04149	44.75473	114.4136	50.19562	74.93674	80.37733	52.22902	65.51399	49.99255	61.11029	39.14518	46.95122	43.51237	49.92232	45.38512	29.02323	71.59535
CUST_34786_PI429010886	M10661	0.000165	24	21						60.33388	82.86721	67.31728	41.9189	53.04998	50.00256	44.56286	45.88881	48.11074	55.76383	49.28963	58.482	48.49494	52.00681	47.56602	72.51875	52.56971	66.09773	55.36009	62.91706	71.16635	60.95084	75.32357	67.84362	76.668	51.23628	71.33949
CUST_7413_PI429010886	N21510	0.000165	12	9	242020240	senecionine N-oxygenase, putative [Pediculus huma	Metabolic process	Oxidation-reduction process	5.47E-59	218.636	113.0678	162.0012	123.1087	162.0241	99.69352	207.7427	259.9699	246.7296	233.3626	271.6624	294.9448	205.9317	172.6647	128.969	156.8398	216.807	162.0012	193.3576	219.7388	221.4718	237.1988	252.7105	216.6058	192.1174	216.6952	203.4225
CUST_24845_PI429010886	N51349	0.000166	24	21	405974301	hypothetical protein CGI_10026724 [Crassostrea gig			8.46E-07	82.21549	68.84477	80.75638	67.07557	55.52574	70.44162	41.05593	68.4981	57.664	57.61472	61.59565	69.74095	73.63983	64.60382	71.45222	80.25744	72.4241	81.41269	61.64915	117.487	64.34064	74.10963	93.70583	95.06463	75.97215	70.31729	81.45472
CUST_2191_PI429010886	N11830	0.000167	15	0			Protein metabolism	Cellular protein modification process		609.6635	650.2354	671.7237	525.3464	563.5263	851.7359	213.7556	261.2742	224.6063	519.1962	588.5777	501.5691	179.9161	486.0261	329.6909	630.1031	602.272	610.6415	436.4909	857.3719	471.0971	427.5571	304.5092	348.0871	550.4344	417.0088	414.8654
CUST_29492_PI429010886	N59972	0.000167	15	3						27.19088	23.40827	60.19028	45.00065	39.19383	45.18256	36.78203	33.38032	22.6653	18.35581	28.37808	3.441743	10.99151	14.07399	7.446083	17.08079	29.5457	16.50592	42.99343	21.99795	41.43739	12.04909	50.92195	22.498	15.8658	8.845266	6.567114
CUST_7700_PI429010886	N21945	0.000169	15	0						815.0535	914.6851	720.0434	669.8776	763.2137	765.4435	617.1846	642.1649	666.6962	895.8021	675.7327	776.8406	678.2021	853.9995	705.5663	1147.081	778.415	914.3958	778.5698	682.7483	680.3748	798.8942	551.5652	557.1607	825.1657	635.9764	646.0018
CUST_33584_PI429010886	M7338	0.000172	24	0						150.0554	149.0167	143.4291	113.0325	114.9603	135.6803	122.2713	125.027	122.9865	101.4215	91.16786	97.96017	87.63509	136.4264	120.5952	146.722	153.9132	137.0179	123.9272	105.1	117.6603	206.3446	117.1631	126.1607	215.4042	146.5997	200.1336
CUST_48881_PI429010886	M82686	0.000172	15	12						38.0368	100.1156	69.16983	42.88135	47.96622	39.126	70.36778	90.0502	59.19392	101.0393	83.63285	52.93772	195.3201	97.91604	117.2582	77.84895	126.8628	47.63195	56.77783	57.77025	36.60913	62.17487	57.46153	73.09177	114.9498	49.93144	64.30394
CUST_24973_PI429010886	N51567	0.000173	24	18	512856749	PREDICTED: uncharacterized protein K02A2.6-like, p			7.9E-14	21.44476	11.81616	23.36677	19.86545	20.10077	16.73161	16.69153	20.38984	18.64626	26.61439	29.9579	24.72926	19.75359	17.55503	31.81303	31.92933	25.56371	21.09489	30.56193	29.07551	37.83723	39.47942	30.07342	29.26565	26.19371	21.35775	23.61236
CUST_8873_PI429010886	N23732	0.000173	15	9	260799069	hypothetical protein BRAFLDRAFT_124991 [Branchi			1.37E-45	19.04736	35.41295	31.46674	19.87086	17.32667	14.40255	28.8539	19.85963	25.45721	35.10761	26.67547	42.35648	21.96101	24.67398	35.18679	31.267	25.47915	25.24216	19.26616	15.43461	19.82309	25.749	21.44644	13.07005	30.10928	31.87279	29.05988
CUST_6036_PI429010886	N19540	0.000175	18	12			Protein metabolism	Proteolysis		288.8593	374.4434	264.4703	265.9049	245.5656	218.037	234.9764	352.188	350.5877	403.4054	390.7936	512.9488	450.3936	506.7573	446.3108	433.8707	233.5227	308.5953	326.5696	626.4662	322.593	354.4714	252.5773	209.0287	437.8204	304.1627	358.9421
CUST_38836_PI429010886	M31066	0.000175	15	9						22457.41	35818.08	48465.49	6717.481	8483.725	5181.094	31492.49	53822.38	70499.75	65192.57	52713.61	71527.46	43573.57	78081.9	70048.09	40254.56	31801.7	30443.79	35065.14	58936.46	34870.47	65192.57	57482.98	10366.97	100388.2	63688.85	95014.94
CUST_13279_PI429010886	N30902	0.000175	15	9						48.53823	54.40089	61.62124	44.99497	45.7637	48.59467	41.23729	48.91209	56.39846	79.48728	64.45839	68.63903	50.90637	75.33028	48.41716	73.23407	51.93952	50.00256	52.93292	45.91808	47.82182	49.05985	50.00676	38.00715	88.6791	66.13621	89.54002
CUST_54087_PI429010886	M104483	0.000177	21	3						29.27339	NA	17.47741	34.58049	30.46087	29.32561	15.87666	19.02231	24.26769	19.76503	10.0999	12.54065	12.91176	NA	19.24305	30.12812	16.64136	17.52653	13.94631	33.66812	20.51216	27.24907	49.95685	24.97091	36.79834	43.1896	42.11724
CUST_25663_PI429010886	N52831	0.000178	18	12	469647763	ryanodine receptor [Ostrinia furnacalis]			1.66E-46	161.6167	159.9075	166.4452	151.9691	157.9764	178.3785	123.2283	150.3004	138.1676	196.1002	185.7359	214.921	170.3395	179.8682	226.9159	214.7684	236.6906	171.0028	166.519	213.6671	147.8481	170.2922	180.6894	151.6596	133.7926	146.3743	160.778
CUST_11321_PI429010886	N27619	0.00018	15	9						17645.1	30617.99	37972.43	6833.331	8404.925	3421.62	23030.7	35264.41	58936.46	50017.11	40846.53	66663.04	34379.32	64571.61	56816.44	40986.13	19571.84	26594.86	29816.7	54053.67	35065.14	65559.81	44666.31	7221.522	96143.7	77297.7	91927.09
CUST_13246_PI429010886	N30842	0.00018	12	0						261.8083	229.9936	208.936	199.6816	197.0135	216.1505	160.5038	196.7037	188.3253	204.9184	178.5686	191.3918	206.3446	226.1214	227.5634	235.9573	211.6272	238.2441	197.6731	158.101	193.5271	255.0746	202.6087	203.453	279.924	229.0179	204.1851
CUST_55227_PI429010886	M109198	0.00018	18	15						668.0541	400.8956	552.0613	134.7426	480.7772	402.7742	585.5822	347.1114	441.6462	860.1543	409.4886	545.8082	918.9933	851.7359	673.5866	594.2743	919.6285	962.2957	603.9714	456.0552	456.7992	571.7132	267.2122	318.2985	206.1326	453.79	658.8544
CUST_38850_PI429010886	M31218	0.000181	15	12	493789484	hypothetical protein, partial [Lactobacillus iners] >g			2.45E-11	144.5986	276.2073	215.8652	76.2979	74.25035	34.78955	703.6838	474.7169	1036.891	416.7544	169.5547	379.0179	1780.629	1651.385	1059.917	1020.365	701.6345	148.7085	268.3232	197.6933	163.162	350.5238	298.7079	302.0506	2289.879	215.6344	3477.696
CUST_12082_PI429010886	N28897	0.000182	24	21	307183663	WD repeat-containing protein 7 [Camponotus florid			1.75E-22	21.76618	24.37698	26.45407	25.59155	24.43609	26.11231	23.4957	19.63631	19.95159	29.0109	32.05062	35.63135	21.42649	30.96598	30.12445	30.31136	24.43609	32.41678	29.16623	32.8525	38.14533	36.37866	33.87876	35.01361	29.16341	30.45321	32.79731
CUST_2450_PI429010886	N12377	0.000183	15	12						80.18725	92.09827	101.4497	98.26203	67.64754	74.52928	76.33468	93.33448	75.98951	111.0142	70.96812	114.9975	136.0526	139.6592	149.9119	99.49562	64.54153	71.37464	63.46235	69.97891	99.48375	99.05161	70.77093	63.88437	110.6199	118.1013	113.9625
CUST_15436_PI429010886	N34577	0.000184	15	9						22.30707	25.78586	31.12392	15.95324	17.49801	16.82798	19.16951	17.91608	27.07492	33.55523	24.73831	34.10344	24.66303	36.01332	26.80106	26.53007	14.32589	23.64962	26.03903	19.5508	21.15997	31.42286	23.22371	20.27847	32.50043	32.69544	27.23432
CUST_2993_PI429010886	N13563	0.000184	12	6						14.37169	25.58242	13.91822	26.58995	36.50455	42.37343	56.11071	28.80979	46.81158	28.84595	49.55874	74.80865	25.35894	21.8835	24.36596	15.18342	30.83339	40.14953	65.60373	30.35236	31.65427	17.34013	26.28688	28.79502	23.65401	27.8201	11.35281
CUST_35305_PI429010886	M12187	0.000186	12	9						118.6904	41.50969	36.7129	16.75121	9.360222	20.32136	15.10731	NA	188.8504	692.3236	223.1512	1004.727	NA	120.8512	49.75477	36.28401	NA	29.49942	230.2231	208.0738	231.7343	198.9664	48.40257	NA	84.57304	46.09323	140.6429
CUST_359_PI429010886	N4421	0.000187	15	12	220172369	cuticle protein [Rimicaris exoculata]			2.35E-29	86.19466	4461.585	6407.392	3079.902	346.8405	347.8665	80.02167	75.64933	72.05819	5515.427	435.1229	161.355	7509.168	1060.287	6174.548	103.7315	89.88488	98.43882	94.51496	126.7767	67.35597	80.68026	61.32192	53.32755	103.457	8854.389	70.29878
CUST_53629_PI429010886	M102570	0.000187	18	15						46.00478	54.74747	80.38938	45.73272	38.13489	57.03251	72.40334	71.81768	67.59725	74.60621	43.56595	102.4647	61.89778	121.6835	108.5891	150.3171	76.68397	83.26471	57.73367	50.36639	43.53998	46.89105	50.81627	36.04391	67.05664	43.67532	69.03435
CUST_20990_PI429010886	M44427	0.000189	24	6						77.69906	51.39386	69.15357	74.01735	70.90857	100.6811	114.3333	73.5908	127.3882	76.01313	52.83011	46.49731	86.66049	66.15125	67.30873	58.67766	50.20045	61.2083	67.27473	31.23466	48.76067	49.86955	49.9806	51.67197	62.18234	75.93804	56.39304
CUST_44240_PI429010886	M65361	0.00019	18	12						6.383068	6.94159	16.58905	11.39273	4.679737	NA	12.60293	10.58518	NA	11.38971	13.47203	27.80089	20.41951	32.44398	24.15872	13.023	14.94965	NA	11.00785	15.77161	12.10746	8.233831	6.386719	9.526791	26.35513	18.23052	18.78752
CUST_641_PI429010886	N6502	0.000194	24	6						287.5857	6091.908	447.351	1458.732	294.1484	27.42777	6587.101	225.8926	5819.009	2580.486	187.9811	NA	2984.905	398.993	1418.381	310.518	NA	181.7953	38.53966	396.1095	19.70849	6.767462	11.8448	10.96329	26.84868	684.5685	13.60949
CUST_35532_PI429010886	M12809	0.000203	24	0						48.53244	38.04684	30.88907	32.17296	32.58533	40.59586	37.5119	31.07494	28.48649	43.50197	16.00379	41.57079	17.01109	22.66789	21.04144	26.05696	16.02878	16.81213	33.35513	22.72441	31.55772	46.17281	34.55538	35.32273	48.53823	37.40747	44.95044
CUST_27473_PI429010886	N56119	0.000206	21	18						20.56111	17.96537	16.68074	19.91752	14.9294	13.49109	15.72131	11.18163	12.83327	11.46217	8.617079	16.5954	16.9221	9.602601	24.56849	28.29582	11.53748	14.81806	19.84686	30.14577	18.30885	20.61498	22.18079	19.40236	13.50427	16.60676	15.65479
CUST_50447_PI429010886	M89856	0.000211	24	3						46.36142	108.0902	126.5686	65.09833	102.4176	53.30382	23.13968	81.70156	88.09249	22.70524	21.56682	14.80676	18.53102	11.43263	9.190342	27.9072	33.68931	41.19265	39.78898	9.787782	14.70096	37.19805	22.67397	87.96508	29.96972	47.76338	38.41593
CUST_39411_PI429010886	M39014	0.000211	21	3	77743875	Euphausia superba isolate DGGE band AntEuk13-5			2.2E-138	170126.9	155394.6	166443.6	185961.4	181047	175370.5	170974.8	168734.7	169441.2	212288.9	165207	164488.1	170974.8	163757.1	155394.6	156147.9	150939.2	156147.9	163136	146237.4	188114.2	134984.9	174460.2	173562.9	188114.2	180118	174460.2
CUST_15628_PI429010886	N34884	0.000212	24	18						NA	11.95978	12.0315	12.84641	12.60126	8.148866	9.126873	7.357022	9.155769	4.552819	11.80651	14.90751	7.792392	NA	17.00562	18.15323	8.41226	12.77316	20.16852	21.87538	22.03473	13.49109	NA	19.1106	18.67218	21.16222	21.3486
CUST_4329_PI429010886	N16524	0.000214	21	15						54.19041	53.83853	73.55011	21.30503	40.20059	46.55991	67.08317	47.29164	61.51764	43.86454	56.27804	64.52054	70.79063	76.13932	66.78979	71.91814	66.29488	95.67336	48.49058	43.31707	69.88371	93.69637	68.04642	57.59047	46.23463	35.27392	52.89103
CUST_9288_PI429010886	N24377	0.000217	24	0	332016384	Putative ATP-dependent RNA helicase DDX49 [Acro			1.87E-65	28.18417	29.45107	21.7968	17.37315	28.52476	18.93037	21.21967	18.49081	15.87666	25.9871	20.81295	15.59123	7.772166	20.99142	15.14528	14.17659	13.50427	12.83461	13.79851	19.59849	16.67878	21.13287	20.58696	24.22062	23.82095	15.48498	25.93179
CUST_12039_PI429010886	N28821	0.000218	21	3						21721.24	39067.89	21011.69	46673.5	35686.35	29378.84	21864.7	21318.49	23420.74	21067.41	17031.04	27524.03	16156.64	19773.16	12762.11	25677.47	2264.822	18620.02	14205.89	20248.42	31231.03	25081.91	25407.19	16238.88	32800.86	36046.8	19960.08
CUST_13156_PI429010886	N30678	0.000222	15	12						230.6845	221.3126	253.5864	142.5643	107.4484	102.0005	143.5589	227.3449	215.6784	245.0284	180.5686	215.4716	243.2097	298.1495	260.2651	248.8723	213.6947	144.0112	191.0327	219.4136	159.3003	217.2265	285.3112	145.8124	317.3299	221.9975	259.7703
CUST_16111_PI429010886	N35673	0.000223	18	3	328770135	hypothetical protein BATDEDRAFT_35110 [Batracho	Protein metabolism	Protein folding	1.35E-29	1016.851	829.8828	NA	2070.325	1455.397	1387.428	1109.205	154.2676	827.8275	8.037888	17.60822	9.289553	607.2425	641.7483	861.4839	1501.641	59.26817	1133.519	15.32478	477.5078	87.91683	1923.113	NA	1373.036	343.8588	152.4947	10.71609
CUST_54325_PI429010886	M105588	0.000225	21	6						236.449	170.3395	273.5534	279.4425	202.8118	343.2786	558.9364	545.6531	383.5597	383.225	376.6382	398.132	295.9544	339.4134	249.5102	200.6692	488.7915	237.5773	384.5478	415.5762	269.2555	224.1286	224.5779	178.6287	228.6362	336.3354	353.4537
CUST_52541_PI429010886	M97867	0.000226	21	18						378.3563	78.74635	68.04642	18.50437	18.96046	16.96167	19.44722	30.32196	22.82362	46.50141	20.39186	21.7761	37.83427	24.5556	22.5025	28.96949	32.72653	29.6615	25.59863	71.08447	77.05404	67.77787	40.41641	16.55113	22.86827	11.84611	15.5304
CUST_26874_PI429010886	N55028	0.000227	21	9						138.7005	147.8113	74.88917	151.6596	169.9686	144.8798	281.8261	97.24592	247.9972	428.7852	174.0405	286.3951	238.941	297.4174	159.2127	278.9995	117.621	144.2346	139.7005	56.64713	129.2905	122.7034	140.8407	135.0409	116.1614	157.9764	158.1524
CUST_3125_PI429010886	N13847	0.000229	21	0						97.93806	120.905	124.8573	106.4697	98.86383	112.6894	79.31367	82.49999	87.43516	85.67865	88.33792	115.0228	99.35803	96.10628	84.04395	110.192	117.4327	94.34866	97.32524	101.3567	107.4359	127.7418	108.8877	114.6834	97.78298	110.192	117.4728
CUST_43136_PI429010886	M62161	0.00023	21	3						56.57261	38.48153	56.08637	61.74032	64.4873	65.93142	26.26013	40.50125	37.92303	55.38216	46.22113	62.89604	27.72017	43.29309	35.89324	52.25652	41.03316	58.38557	41.47521	37.00487	45.95551	42.70658	53.75298	42.56152	74.15763	86.43501	104.4054
CUST_24735_PI429010886	N51167	0.000233	21	15						64.45055	55.11221	44.80736	38.63168	41.9046	58.75213	39.19727	36.00037	29.00747	53.07285	43.38432	49.39411	44.94077	46.85704	63.3033	67.02702	59.18336	54.73744	51.34688	63.27271	64.41721	36.8424	61.3315	47.3028	49.60877	40.95384	51.30486
CUST_30480_PI429010886	N61984	0.000238	21	0						80.48768	63.01798	63.05147	47.2535	45.39483	75.44459	49.91574	46.87582	51.59241	59.99556	46.83381	59.84805	48.19061	62.6571	49.11669	61.71609	64.04369	64.77051	59.8939	55.87623	66.41721	66.81139	86.45155	66.47359	73.39754	55.70082	60.57719
CUST_51003_PI429010886	M91759	0.000239	24	21						97.80592	107.5224	109.7874	77.24703	98.75692	93.58403	74.86726	82.08362	83.37454	105.4619	83.61604	90.18249	86.28978	92.18368	81.22317	105.6941	105.6711	99.36845	93.40468	99.22324	105.5208	97.04503	113.2243	112.3805	106.4489	114.5891	112.226
CUST_39742_PI429010886	M43763	0.000241	24	21	220172369	cuticle protein [Rimicaris exoculata]			6.19E-17	27.84917	35.26822	32.22977	26.09533	24.61213	42.11302	24.19014	20.29379	22.15622	30.35236	19.5882	19.30028	32.18039	24.0648	21.048	36.26174	37.83723	39.54096	63.51336	29.60636	31.28165	31.38813	43.69222	42.1732	44.29926	28.66914	39.27655
CUST_15688_PI429010886	N34977	0.000242	18	12						110.5811	117.7023	125.2377	112.2136	105.6711	101.7455	93.02061	118.3632	120.2042	165.324	109.6802	150.7548	132.9126	173.2729	146.6794	131.6679	138.5572	127.8459	103.6413	144.5043	121.7904	96.52778	124.2716	105.0213	144.8143	104.6652	145.3659
CUST_53513_PI429010886	M102051	0.000243	15	12						15.4798	18.2774	28.02151	12.32386	17.09735	20.99337	19.96619	21.07029	18.02091	26.97315	20.38379	26.41986	31.38593	38.63759	27.74359	24.04687	16.20103	19.85963	19.19726	17.76828	11.92804	25.0272	19.57585	21.49416	31.42286	16.64328	21.01141
CUST_20617_PI429010886	N43758	0.000243	15	9	321473766	hypothetical protein DAPPUDRAFT_194337 [Daphn	Signal transduction	Other	1.16E-31	13.79851	9.520915	44.76277	6.584593	10.35487	13.03254	31.8423	32.80956	39.58944	39.14912	13.91491	38.80417	21.3795	35.46388	28.10839	20.77886	20.59775	15.08066	13.01989	26.23144	13.75107	31.48445	48.19648	14.4448	49.20084	32.74092	52.66699
CUST_13548_PI429010886	N31367	0.000244	12	0						65.39564	60.87936	60.49322	39.68514	37.37431	38.39579	30.10233	31.61999	30.6438	50.74126	38.2775	39.76167	42.28532	56.16844	57.85675	55.15882	41.80456	46.76098	31.52633	44.69546	38.96658	61.11029	35.87751	46.11982	58.34728	37.0175	54.5227
CUST_5299_PI429010886	N18513	0.000244	24	9	321475394	hypothetical protein DAPPUDRAFT_308494 [Daphn	Metabolic process	Oxidation-reduction process	4.3E-160	78.79452	96.66502	91.72554	122.5481	95.87365	88.69099	97.54257	158.635	103.9666	178.3288	120.3504	142.0799	105.4997	126.5833	119.1024	116.1911	85.141	72.85867	125.9794	194.747	104.5737	99.59438	140.3976	102.8187	67.83607	53.20866	76.94138
CUST_29427_PI429010886	N59841	0.000246	24	3						3469.507	6646.048	5911.575	15086.66	7729.059	6767.816	6941.938	7568.915	2553.637	3630.71	6059.267	4345.199	1891.601	4348.32	4484.875	2218.572	1416.429	1470.792	3172.097	1942.982	6941.938	4041.003	7605.917	4959.867	3184.108	2842.143	4711.518
CUST_3066_PI429010886	N13725	0.000246	15	9						123.8883	71.55597	278.8318	46.80174	63.64812	43.31707	159.2127	340.1906	547.9393	372.6528	527.4806	600.9036	210.4575	706.7803	276.9556	136.1246	181.6707	163.4951	121.3759	442.0725	172.213	946.4318	724.3304	168.7959	1069.225	292.6509	757.419
CUST_57098_PI429010886	E842	0.000248	24	0	402485602	glyceraldehyde-3-phosphate dehydrogenase [Scylla			7.54E-07	2856.456	4025.068	2840.45	2850.368	2879.829	3022.502	2257.795	2817.021	2524.383	2576.961	2539.516	4544.383	2066.68	2468.346	2332.981	2908.57	2607.508	2834.55	2476.731	4150.569	2770.165	2621.227	2786.84	2784.905	3053.471	4579.426	3246.287
CUST_21697_PI429010886	N45685	0.000249	24	21						21.36429	27.73257	16.42915	12.43952	9.938622	20.44558	9.121241	15.2034	13.79507	14.38182	12.4643	30.2284	17.8888	13.76394	19.17264	35.4058	15.23856	23.94075	15.00335	25.8162	21.40056	30.6195	36.89165	23.63048	19.55556	21.03394	23.21318
CUST_18431_PI429010886	N39786	0.00025	21	3	256574616	GTP binding protein alpha subunit Gi [Marsupenaeu	Signal transduction	Other	8.01E-41	40.02231	40.22531	39.17072	41.56303	61.65538	59.25893	57.83187	36.76731	53.92569	41.77165	35.48457	41.66889	20.00906	39.80101	36.72937	48.75136	22.59879	28.13335	40.59153	22.50662	45.53479	56.39304	262.2997	53.67173	67.44354	67.58357	45.55959
CUST_40753_PI429010886	M56006	0.000252	24	21						20.88392	27.36061	25.89264	23.26041	16.53651	17.61934	15.83738	8.749912	12.92194	25.26918	5.414583	28.08233	14.7136	21.08444	18.9048	44.45813	13.25918	30.99487	12.49757	25.76223	26.13969	37.11196	35.69319	42.06392	27.78206	19.26978	23.38781
CUST_6457_PI429010886	N20125	0.000252	24	21	405968363	Hepatic leukemia factor [Crassostrea gigas]	Nucleic acid metabolism	Regulation of gene expression	3.02E-31	86.09048	80.08977	94.49669	80.77462	71.27533	74.33243	80.29877	73.9797	78.51483	95.27106	78.90095	67.16912	82.59837	123.0876	85.50355	122.9865	91.6735	81.63335	90.33731	90.8776	88.12787	97.67416	131.771	111.625	90.0502	95.41159	106.064
CUST_22527_PI429010886	N47188	0.000252	15	6						145.3839	96.97877	160.5038	186.7272	157.17	165.1069	243.3928	409.1687	402.5662	186.167	128.0586	145.1631	169.6296	215.167	245.9792	130.1677	127.8994	156.7533	401.3938	123.6853	237.5773	263.5218	172.9784	297.8606	228.9832	173.5962	276.4162
CUST_51416_PI429010886	M93434	0.000255	12	0						196.8017	220.8734	230.254	135.3397	179.7697	162.6286	165.5224	155.7184	163.8946	223.7478	176.7991	182.8109	204.8186	230.4393	212.0119	195.1585	166.2291	173.7221	161.861	223.676	185.3847	198.0363	200.6444	170.3686	346.4727	215.8293	223.1512
CUST_12704_PI429010886	N29902	0.000255	15	12						534.8364	1138.766	985.7913	237.9203	246.3705	118.2899	2574.868	1561.567	4388.254	1727.428	507.983	1650.111	9739.086	9249.246	5762.468	5744.456	3402.667	513.4234	1264.445	657.1327	739.8087	1021.64	1273.563	1609.757	8745.677	608.5272	13070.61
CUST_337_PI429010886	N4053	0.000255	15	12						3713.677	7306.322	5985.533	1778.896	2309.39	1177.081	11243.07	10282.77	18298.8	8176.608	4309.606	9087.177	35468.64	32800.86	24425.67	22574.76	12422.81	3667.985	6329.544	5382.99	4494.887	10597.5	7163.89	5492.691	32330.94	5528.982	44543.72
CUST_33685_PI429010886	M7608	0.000259	12	0						18.34756	25.67033	31.96946	19.27537	18.12511	25.70084	18.04709	20.03192	12.79969	20.52725	14.58166	37.68293	31.35346	40.84912	42.60531	28.1987	22.07292	27.37719	17.69248	20.2329	21.98126	19.37939	22.55627	23.22371	30.37057	29.26565	32.22977
CUST_1880_PI429010886	N10942	0.00026	24	21						22.14395	16.97989	18.13433	23.00326	17.53688	11.10462	14.67473	14.19901	8.893352	9.040661	14.16669	13.41425	15.40382	22.27045	5.908883	14.90976	16.90108	22.59036	12.41217	14.91553	24.47403	24.53942	25.08483	24.71578	22.4434	12.82143	16.03532
CUST_1730_PI429010886	N10559	0.000265	15	12						12916.14	20597.24	19626.64	5991.557	9119.184	5445.033	19004.47	21431.7	37461.84	25136.37	11619.8	21318.49	33985.8	34197.64	26902.5	25360.97	17786.81	15424	14113.22	16925.4	15060.57	29142.09	24647.46	11566.7	47564.51	20646.45	60957.53
CUST_3048_PI429010886	N13687	0.000267	18	3	543719592	PREDICTED: E3 UFM1-protein ligase 1 [Columba livia			6.3E-109	42.38165	27.07911	35.09944	45.78297	38.96253	43.03291	74.16318	47.36571	36.37157	31.70409	27.65968	15.35034	33.25306	29.40744	26.64032	33.30987	44.38619	33.42509	38.64078	50.66205	34.35609	41.8722	45.93669	47.49605	31.95513	13.24553	20.16852
CUST_28008_PI429010886	N57096	0.000268	24	15						58.00667	78.17016	46.2898	38.06764	62.27229	39.00627	46.80174	56.91814	53.67173	83.63981	82.95644	96.15886	68.1165	71.80124	87.48439	101.7598	70.43457	161.6619	82.80093	114.1326	80.19532	82.3571	75.24399	54.49444	81.87168	48.70779	76.55655

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_36539_PI429010886	M16174	0.00027	18	15	91076040	PREDICTED: similar to CG1814 CG1814-PA [Triboliu			1.34E-48	120.0446	174.8053	130.9315	91.52825	120.0646	100.336	101.0126	96.07604	76.84997	127.0345	115.4652	177.2148	72.21756	115.7889	107.2112	135.5775	160.3955	145.2433	121.3613	230.2846	124.0734	106.7139	88.45598	116.0676	106.3073	100.8047	107.0039
CUST_25181_PI429010886	N51926	0.00027	18	12						63.65837	47.20161	37.3381	28.37808	24.73262	32.74781	39.37758	33.92714	36.3007	38.53966	44.64991	61.14077	50.54005	64.8492	45.13249	42.06993	36.83164	44.40996	60.41389	58.75806	48.81237	18.7895	37.92604	22.57964	44.94616	49.76383	42.38554
CUST_28523_PI429010886	N58110	0.00027	18	12						27.49426	19.44722	15.64687	10.97059	16.72767	8.096609	12.84641	19.00858	20.44558	20.57784	24.98792	12.41093	20.22452	29.68582	28.94552	15.62884	24.62928	25.91041	19.6198	20.03192	19.51952	12.16044	17.77636	16.70757	24.76116	11.96936	18.88563
CUST_30533_PI429010886	N62074	0.00027	21	0	193591726	PREDICTED: zinc finger protein 271-like [Acyrthosipl			1.22E-19	202.7615	111.8858	135.1566	125.1637	112.9639	128.5885	132.1901	97.13391	79.59942	60.84139	97.74764	53.02384	94.07093	81.04828	46.14783	94.56836	84.61863	74.15763	106.9318	78.86687	104.7823	155.1933	186.006	95.70219	57.01626	138.6787	118.2591
CUST_11650_PI429010886	N28179	0.000272	12	0						60.99125	71.45222	62.49854	56.74499	51.05482	41.53959	41.35575	32.44657	44.15212	69.57456	46.42413	56.60227	55.57729	59.52835	61.97713	75.02406	56.41396	54.01314	48.88625	53.56418	50.54005	54.89215	57.83187	44.00078	71.96189	52.17878	79.94364
CUST_20529_PI429010886	N43614	0.000275	24	0						29.72221	20.26494	27.75482	19.08808	26.67812	37.06438	26.42193	23.2298	24.983	24.8597	22.43724	18.79959	12.75871	18.49894	19.20292	23.60773	19.6916	21.30741	29.96361	15.5279	23.37181	30.14891	25.54793	34.35609	35.31634	23.81358	52.645
CUST_4402_PI429010886	N16685	0.000278	18	0	321479230	hypothetical protein DAPPUDRAFT_299977 [Daphn	Metabolic process	Other	1.79E-27	9.573493	11.58371	12.24951	NA	8.589723	NA	8.472888	13.68168	11.33598	9.316937	7.222005	10.4644	4.758947	7.395008	6.629157	10.94103	8.858469	9.106984	13.82074	12.71524	11.40993	14.83018	11.15122	NA	8.886857	10.27942	7.794721
CUST_12690_PI429010886	N29875	0.00028	18	3	307202134	Rhotekin [Harpegnathos saltator]			8.47E-13	51.91237	60.77736	73.64901	158.2442	65.44799	97.65941	69.65899	41.17264	55.99321	67.94324	52.02242	69.03435	51.92939	53.41869	37.34484	46.83381	44.94616	23.36932	52.80587	40.66388	103.7718	69.84364	136.25	77.99438	70.45058	38.71068	44.66782
CUST_1857_PI429010886	N10895	0.000282	21	0						112.1218	158.6525	116.8442	112.064	106.4697	114.5891	108.3189	78.66048	98.14502	108.0186	87.14788	77.56897	83.81066	68.78674	78.88657	83.39175	160.8449	91.47195	109.902	72.37554	112.5301	117.2337	109.6112	129.419	93.80773	103.7132	58.34728
CUST_36636_PI429010886	M16420	0.000283	15	0						432.3349	41.71517	NA	35.57263	26.59511	NA	16.82979	6.340641	NA	6.199171	4.551336	14.99273	18.85808	6.351896	16.75298	270.2125	NA	288.1636	9.371383	184.8121	215.7523	5.119427	22.04537	NA	8.406805	15.60189	27.32583
CUST_13776_PI429010886	N31748	0.000285	21	3						49.69905	68.78674	53.73015	56.72265	72.3404	61.16623	30.01523	44.4293	65.51399	42.78573	65.22254	61.61655	50.01795	39.49159	38.5218	42.57633	37.11863	43.03291	43.15798	57.67685	51.36601	47.95704	69.03435	28.9666	68.33792	78.60763	83.98715
CUST_14545_PI429010886	N33057	0.000285	21	9						498.525	491.5609	337.6916	535.6554	519.9761	548.7959	549.5559	644.7638	526.943	761.273	619.6845	708.7623	549.794	504.7239	496.1582	624.8531	442.7732	494.2193	504.1608	621.0146	564.8923	552.5713	410.594	449.6075	526.8072	592.1986	509.3966
CUST_46438_PI429010886	M72656	0.000286	18	12						76.51274	83.16839	72.40904	73.09177	52.35268	28.68237	54.89215	74.06411	54.89562	83.29887	61.03938	88.98374	104.2347	135.5608	106.1754	88.90431	86.00719	75.1394	151.8603	76.04812	99.36845	96.11914	52.5097	48.34765	85.94103	58.58074	68.86603
CUST_51740_PI429010886	M94802	0.000289	15	12						84.35593	17.76828	45.50813	NA	5.889332	6.853489	NA	13.99028	19.39216	47.36571	6.418804	77.38027	80.07884	56.86246	39.62708	11.15425	NA	NA	8.56209	6.281409	15.23556	14.42559	34.15181	18.22767	18.21393	20.88813	31.8793
CUST_47035_PI429010886	M74612	0.000293	15	12						37.12735	35.24075	35.30842	27.03844	30.42483	27.20765	35.20549	16.84704	30.9788	41.76704	36.3679	44.41428	36.23666	39.11677	43.05396	44.66782	29.75464	48.49058	27.8201	32.73752	35.82003	33.06846	31.25517	35.90257	43.45323	38.01489	43.68382
CUST_47278_PI429010886	M75443	0.000293	21	0						37.86509	33.52987	41.26062	25.72523	16.98127	27.68313	26.51868	16.81213	23.47569	17.37163	21.8835	39.03429	13.53636	22.56723	19.04736	31.18147	22.61839	27.79102	18.80919	35.36241	28.68237	43.46708	33.79348	30.99832	25.82998	22.6805	34.45811
CUST_21396_PI429010886	N45144	0.000293	21	3						22.7209	29.59116	22.16629	26.95285	30.32196	32.21966	19.5413	28.98746	19.40477	22.51909	22.93702	27.45566	18.63533	20.00677	18.54361	24.45097	23.75128	26.00775	16.67016	21.55161	20.05897	26.41986	28.88408	43.35404	28.62456	26.78447	38.79646
CUST_15206_PI429010886	N34185	0.000293	18	0	156537221	PREDICTED: PKHD domain-containing transmembra			6.52E-22	19.42289	36.73446	32.88145	25.05744	25.55609	16.71152	9.535711	9.560965	18.58096	26.73668	13.93436	24.23014	11.42142	3.884673	21.13597	27.0727	NA	22.66107	18.65671	50.02348	33.17041	26.91798	21.76203	16.62935	6.659608	9.278391	11.52078
CUST_15495_PI429010886	N34674	0.000296	18	15	156552355	PREDICTED: hypothetical protein LOC100117960 [N	Metabolic process	Other	3.69E-09	39.73253	29.65821	16.8101	27.18775	51.50234	38.37256	10.24818	16.25775	15.32584	24.26504	14.85935	21.95843	11.52078	31.56711	26.42807	44.62034	33.42509	48.45297	24.94079	26.30031	27.80573	24.39614	22.16629	31.29954	21.25027	15.89011	15.4125
CUST_30609_PI429010886	N62219	0.000297	15	9						327.535	267.1348	395.3575	312.3654	390.7936	319.9685	253.6933	378.3563	424.8243	448.199	423.9576	411.751	368.6847	440.6954	311.6128	371.8288	295.6383	282.3655	316.7444	378.6086	413.7293	667.7123	424.4597	407.4423	552.6602	446.4087	704.3489
CUST_3169_PI429010886	N13946	0.000301	15	3	326781695	crustacyanin subunit A [Fenneropenaeus merguiens			4.41E-16	23.2714	12.58978	25.11695	26.02914	28.68237	35.72108	29.69737	22.4878	23.16574	13.66038	13.56559	16.87735	5.813584	9.982619	12.44781	10.25442	20.24475	28.888	24.06718	15.59665	29.15809	14.06725	19.2383	22.43908	18.1208	36.00421	17.34629
CUST_36700_PI429010886	M16578	0.000308	24	0						29.59116	21.78224	27.03027	26.28334	21.21095	30.65915	24.63224	19.02839	15.78045	11.21554	12.98669	13.11969	17.00366	30.45027	12.84324	22.64343	15.55875	25.47915	37.45905	15.51619	21.10666	26.44706	33.20988	25.73345	33.52987	31.47929	25.82998
CUST_37377_PI429010886	M18827	0.000309	15	0	317383196	myosin light chain [Penaeus monodon] >gi|357640			1.35E-32	119.0396	105.4781	73.00251	92.05581	81.46986	82.9954	49.32644	40.68573	46.11029	64.97549	86.71532	62.506	64.01814	69.26327	44.70035	93.70583	81.49546	112.517	68.90417	260.7973	73.71983	48.32558	86.03759	56.78823	63.78913	59.67663	58.66467
CUST_50488_PI429010886	M89981	0.000319	24	21						55.42699	86.65167	65.72077	49.88882	57.35641	45.75802	50.1618	31.12392	55.34146	67.65513	68.12178	69.47796	47.64282	40.34574	44.10538	50.15777	65.02052	43.16663	61.60941	79.97123	65.42078	94.67269	91.6735	82.13647	81.08583	199.0448	73.56763
CUST_49615_PI429010886	M86406	0.00032	15	9						NA	463.3861	457.3191	10.79421	20.07209	41.43739	14.21164	138.4518	100.4445	238.7409	432.3349	380.2117	186.6214	385.8989	168.177	188.427	56.85058	62.61352	7.41743	133.4937	15.0164	39.83487	22.36193	NA	558.5528	142.3547	667.377
CUST_43975_PI429010886	M64509	0.000323	15	3						165.6398	169.7593	112.7849	189.7138	205.078	274.49	213.51	127.9775	99.05161	106.011	125.5232	110.2618	113.7089	113.0169	99.45401	197.3275	191.1131	250.4057	340.4019	131.2743	182.6771	148.7285	131.1566	188.4563	109.4422	135.5237	90.15151
CUST_15666_PI429010886	N34949	0.000323	15	9	443697703	hypothetical protein CAPTEDRAFT_197561 [Capitell			3.45E-27	24.09915	27.9072	21.54483	25.24001	23.40583	23.29073	25.62143	24.96736	29.73209	35.18059	25.80044	35.00193	29.5179	33.23976	26.38687	38.50305	30.04394	34.35136	17.10625	25.31087	22.31737	32.4969	26.96538	28.2496	31.8356	33.16347	33.28531
CUST_14342_PI429010886	N32729	0.000327	15	9	321476397	hypothetical protein DAPPUDRAFT_97134 [Daphnia			9.36E-17	42.62361	48.30048	51.14708	43.09974	32.65296	33.90948	43.2321	31.67438	37.30507	72.09388	58.7202	58.7202	50.80674	57.59047	55.20849	63.09759	50.53472	38.93338	49.27153	54.26995	50.67859	50.9755	53.35103	43.93802	62.91706	64.22812	76.88221
CUST_346_PI429010886	N4191	0.000328	18	3	288869496	cuticular protein analogous to peritrophins 3-A1 pr	Metabolic process	Carbohydrate metabolic process	3.52E-51	316.971	169.5547	189.5968	705.7628	346.3948	367.27	217.5163	170.7891	77.61759	185.0712	193.773	57.90878	63.92583	217.0599	127.374	121.9392	161.3901	183.266	215.1259	436.2219	212.0939	764.3328	183.7339	424.5435	305.5566	314.6224	67.06219
CUST_33235_PI429010886	M6356	0.000332	12	3	321466175	hypothetical protein DAPPUDRAFT_305917 [Daphn	Protein metabolism	Proteolysis	1.9E-23	46.31285	30.45779	49.54555	50.74126	51.5653	67.85099	99.18362	23.17075	50.00676	44.27668	15.27919	29.10242	30.32568	55.13629	39.667	65.87593	80.79066	67.77286	44.90024	37.22562	45.60489	35.12261	36.39221	26.84667	26.70632	28.6962	29.68336
CUST_45000_PI429010886	M67675	0.000332	24	21						344.9163	387.5117	409.8763	377.0163	302.8941	478.5158	345.7818	275.4605	332.6812	470.2	268.3232	320.0372	378.265	349.6083	330.527	396.9865	422.6396	513.9071	409.4886	408.7569	502.7361	743.1041	434.2638	582.9606	381.8035	437.4103	301.3697
CUST_17691_PI429010886	N38417	0.000333	18	6	238476875	crustin type I [Macrobrachium rosenbergii]			3.66E-09	NA	4.898854	11.15425	28.74973	9.960996	NA	91.04016	133.891	160.2794	34.88582	16.66456	45.91191	64.68215	55.55289	56.85058	52.73287	91.78258	NA	4.138608	10.20974	NA	20.85111	7.970984	59.40092	101.9719	NA	130.8343
CUST_28716_PI429010886	N58484	0.000334	12	0						45.81043	53.89507	60.57138	18.16319	35.35407	29.21265	21.61291	41.12787	39.93998	19.05109	24.0077	38.68605	41.10188	41.57987	55.2283	45.81525	28.34529	38.75769	35.1893	33.76983	33.33046	31.49395	33.43942	28.1812	59.09902	44.47376	48.41716
CUST_41751_PI429010886	M58460	0.000339	24	21						549.9307	331.6154	375.6267	646.0018	404.5388	379.2779	326.9766	321.696	306.9203	386.3188	331.1696	348.7613	417.2023	382.3424	389.3563	385.1644	614.3849	375.1955	546.5203	543.3625	472.3127	915.3775	449.6075	517.0533	384.7174	291.3327	348.9836
CUST_17225_PI429010886	N37602	0.000339	24	21						165.4769	70.58805	177.7855	125.0791	138.2766	205.8446	161.3292	134.5392	147.2771	61.97713	117.1499	135.7237	96.46972	82.45182	108.8415	118.2899	158.496	60.75286	196.157	131.0636	117.1631	207.3573	238.9663	176.1772	179.1099	196.0648	126.3708
CUST_38751_PI429010886	M30047	0.000339	15	9						443.1374	677.5621	522.6581	385.0916	425.5183	339.1595	471.4881	386.5802	328.8667	701.6345	652.2033	882.5331	309.1695	454.9277	449.6922	406.06	398.3325	397.525	340.2645	395.6626	233.124	765.9632	345.5168	439.4127	525.2083	461.7538	506.0078
CUST_9228_PI429010886	N24269	0.000342	12	0						27.2102	34.30707	72.92262	21.71916	24.63851	24.5556	12.42474	16.23047	24.21798	29.86288	16.90946	24.93429	23.71308	27.82378	32.7674	22.48589	25.72523	28.17746	15.80258	24.40654	17.18917	32.28425	34.33884	27.44977	40.03126	24.7547	31.24843
CUST_16622_PI429010886	N36583	0.000346	18	15						1805.829	1762.677	1720.101	1171.074	1338.953	1293.201	1331.49	1180.515	1536.448	1531.156	1866.472	1863.078	1160.295	1528.209	1751.759	2102.543	1871.332	1986.907	1773.273	1936.604	1557.483	1772.36	1188.466	1094.71	1391.685	1488.789	1583.802
CUST_45018_PI429010886	M67720	0.000351	12	3						12.09063	37.12735	18.4152	34.50513	64.94243	83.61604	82.95644	42.4817	45.98092	18.96681	16.61891	18.14494	21.27912	28.6993	31.277	54.03548	79.26902	67.08317	62.95412	29.99408	42.14262	32.47936	10.26743	23.59336	114.0128	57.58322	49.29932
CUST_44485_PI429010886	M66117	0.000352	15	9	1764107	pacifastin heavy chain precursor [Pacifastacus leniu	Transport	Ion transport	6.07E-47	29.53988	29.62583	25.48959	26.43024	23.1013	5.83676	21.96744	29.89152	37.10843	43.1379	23.75855	54.66707	30.08888	45.1918	35.38465	53.75795	21.10435	30.91745	19.76282	29.20057	12.96601	68.38918	56.42615	26.92163	95.06463	31.35097	72.78887
CUST_23937_PI429010886	N49732	0.000353	21	0						87.87096	98.27597	114.2341	75.65779	81.56419	75.84454	56.71651	61.07112	74.66823	80.95222	84.80692	81.59575	85.40569	89.419	55.784	85.53529	80.52163	81.55572	49.79836	100.8965	86.38663	108.7243	86.63308	110.8479	101.3443	87.59441	110.0194
CUST_37786_PI429010886	M21581	0.000354	15	12						2959.951	6779.053	5738.426	1762.677	2041.736	1477.505	4955.555	5933.737	9320.998	7617.588	3509.529	6976.379	9965.559	9131.511	8066.308	9096.106	5407.054	4571.032	3929.651	5641.729	4083.732	8986.011	7590.588	3206.496	18410.6	5917.438	22281.96
CUST_39436_PI429010886	M39375	0.000354	15	12						1210.833	2638.062	1981.218	768.5376	877.6784	380.8862	2604.753	2232.866	3551.684	3546.259	1573.105	2898.401	4827.614	4635.589	3330.039	4490.741	2487.623	1513.56	1672.079	2217.377	1501.641	3823.851	2221.45	1298.64	8574.409	1769.215	10478.08
CUST_6318_PI429010886	N19941	0.000355	12	3	345319740	PREDICTED: riboflavin kinase-like [Ornithorhynchus	Metabolic process	Other	1.37E-50	25.20056	23.05797	14.27753	42.80624	22.33151	44.95443	27.2017	28.82038	21.93936	21.93936	17.03078	21.0901	29.43393	22.77379	23.78915	37.6674	28.02833	25.8552	27.07911	17.39906	15.44955	15.95142	17.23726	21.00917	21.98421	26.03397	24.53193
CUST_50450_PI429010886	M89860	0.000356	15	9	56121719	ribosomal protein L26 [Penaeus monodon] >gi|124	Protein metabolism	Ribosome biogenesis	4.38E-29	34.78955	55.14628	48.09585	18.36555	31.83203	19.66703	36.57353	26.18825	41.5428	59.26817	39.66277	68.43089	37.52322	63.41464	44.85914	46.04576	20.23079	26.04992	31.37784	39.98555	40.55619	49.01378	40.59153	40.64999	58.31001	50.10243	61.91569
CUST_43817_PI429010886	M64059	0.000364	24	18						162.3514	162.0477	183.7339	161.2704	144.2346	169.0651	164.6012	162.5022	174.126	179.678	152.9004	175.4567	153.2997	215.4319	205.2221	209.83	183.0597	185.7639	197.5444	194.6296	200.9848	199.8756	219.4603	183.574	179.4229	188.0537	191.3362
CUST_30404_PI429010886	N61822	0.000364	24	21						31.45383	44.4356	16.06632	24.87004	30.50322	25.21391	12.56927	23.36338	13.84831	26.33364	18.45187	35.73252	17.80424	33.65009	25.91379	23.61053	20.07638	31.59448	56.63828	37.21299	37.63897	60.77736	39.06616	28.3838	31.99517	38.33878	45.71121
CUST_11986_PI429010886	N28731	0.000369	24	21			Metabolic process	Nucleobase-containing compound metabolic process		23.86269	23.09604	30.72781	25.16709	28.23857	28.00895	21.27634	18.63301	19.66187	28.60828	26.42193	22.47267	22.59328	29.21516	32.60067	38.84613	37.23147	22.71194	33.37654	25.42619	32.49365	33.42828	33.98937	29.94885	27.48409	27.07911	31.88591
CUST_33186_PI429010886	M6224	0.00037	18	3						228.4677	232.0593	217.0599	279.3325	192.6772	524.2988	200.8116	260.7973	215.4319	159.0362	170.2284	249.422	156.539	157.8626	76.06574	184.5783	218.8861	246.1869	222.5078	169.7593	114.443	258.1697	243.3133	295.9077	208.7767	345.639	221.7247
CUST_36338_PI429010886	M15644	0.00037	18	0						119.7354	86.46205	65.28922	27.8177	56.24668	42.52046	47.14099	36.43958	32.79034	44.59831	26.76517	25.96531	49.08702	35.72108	48.98001	48.52333	45.61086	32.50993	54.77183	49.96713	60.86143	43.19279	35.85651	18.13841	33.94054	36.5122	30.62818
CUST_17286_PI429010886	N37713	0.00037	18	9						100.64	369.6113	289.9742	68.43089	60.58837	5.787319	97.29292	220.5819	269.4403	816.6897	390.973	1130.431	411.8683	375.2702	401.7586	66.54333	134.486	70.82822	226.7097	657.4366	177.3713	110.3777	305.7949	15.1999	218.9157	364.1216	782.2398
CUST_17960_PI429010886	N38908	0.000371	12	0						255.5791	343.0578	244.2054	244.2379	227.6752	245.6875	232.5216	232.1489	203.5636	241.4448	243.5502	276.1481	266.722	272.5517	262.2997	303.1495	221.6459	194.0645	193.9282	246.0125	221.5477	282.6926	233.0195	268.8761	304.8602	305.6076	328.0964
CUST_41969_PI429010886	M59026	0.000372	18	3						87.73688	90.23885	87.2755	103.3023	106.5352	101.7962	95.63731	227.3812	74.03663	75.03476	84.92511	82.01377	70.31729	48.84271	84.4182	76.78516	89.40029	77.7529	91.09799	60.03661	83.06141	94.11857	91.90153	75.56946	92.13928	87.42512	88.82378
CUST_51529_PI429010886	M93860	0.000373	21	9						178.3541	159.1708	186.6214	203.3538	180.1262	151.9116	240.3735	236.8954	221.5886	259.5794	183.7672	265.3147	182.1159	207.9906	198.0625	237.799	240.1758	213.2126	198.0922	168.3529	171.0777	155.3131	176.3863	140.0797	220.685	157.283	235.0953
CUST_35540_PI429010886	M12826	0.000376	24	15	47209244	unnamed protein product [Tetraodon nigroviridis]			2.97E-17	101.5112	100.4233	96.30815	63.51336	74.23824	71.38963	78.18464	73.64901	89.76549	114.7111	105.9691	149.5758	94.20676	96.1698	129.2382	144.9545	103.1477	119.3258	100.1156	117.9048	91.66231	116.3422	112.3919	82.76433	86.49079	107.4216	101.9359
CUST_49586_PI429010886	M86258	0.000376	15	12						28.06449	38.03336	36.30688	16.89803	14.71926	17.40769	27.9952	24.03757	22.04311	24.43342	23.05797	28.3608	29.57425	29.65821	30.04146	25.54596	23.63855	22.77196	16.62548	28.9598	16.39064	23.61236	24.72926	8.514476	28.27144	24.90512	32.68431
CUST_1398_PI429010886	N9515	0.000376	15	12	321459536	hypothetical protein DAPPUDRAFT_309340 [Daphn			4.55E-37	179.1099	287.1125	268.1939	173.0247	120.0792	198.0625	137.759	198.0922	167.5706	296.4182	240.1049	261.0789	299.502	297.9644	340.4766	190.3154	217.7055	257.9077	202.0834	192.9519	189.8316	327.6399	125.8218	249.3844	333.5908	375.1955	247.2314
CUST_52381_PI429010886	M97240	0.00038	24	15						9.580047	5.361029	9.070174	7.07379	8.274264	4.762923	11.04457	5.932286	4.425369	7.223501	6.782422	10.55308	4.797228	12.65934	10.27148	15.01453	16.74792	12.48018	11.68238	10.35487	NA	12.31693	NA	NA	5.908014	8.376213	8.788925
CUST_38014_PI429010886	M22776	0.00038	15	12						453.4712	879.6665	572.5618	224.9395	407.6622	212.1377	664.3088	441.8735	932.818	1047.491	411.2669	916.49	1452.711	1307.703	780.1203	1278.963	668.4719	538.1956	323.8952	712.3784	426.1051	1003.971	958.7977	473.327	3108.301	639.5245	2634.615
CUST_19587_PI429010886	N41822	0.000381	21	18						920.0256	706.7803	995.7921	595.4395	893.1457	770.7121	633.6093	557.0435	591.3951	665.3114	975.7147	816.3533	823.2501	910.1372	1165.381	982.4374	952.6524	691.8386	1057.219	975.7147	1002.084	671.3234	813.9324	915.6162	1409.58	628.02	901.1709
CUST_19617_PI429010886	N41879	0.000382	21	15						33.90631	21.99145	30.3942	17.08381	13.06814	26.75604	19.09504	12.57535	15.99616	25.9573	29.01472	22.26808	18.67864	24.99806	28.43719	33.42247	34.64857	27.2017	34.13499	27.025	26.15331	28.25151	26.58331	22.21682	27.6707	19.7328	24.49005
CUST_24366_PI429010886	N50492	0.000383	21	18						80.81357	87.90722	76.38127	78.58831	79.97877	80.1659	54.51541	59.82999	49.67248	65.11259	71.32452	57.70169	77.65762	74.32582	77.39037	96.09446	91.24943	67.78689	100.2191	118.9466	75.81603	85.42654	77.0714	61.7839	86.87439	53.18901	65.63314
CUST_35026_PI429010886	M11369	0.000388	24	18						7.077971	8.246449	18.01173	5.204531	10.01001	NA	10.20235	11.06786	7.715488	10.02652	12.91494	14.27247	16.57742	17.98635	13.30229	13.92993	7.952703	14.86659	17.14295	23.38605	19.33417	41.53622	18.23695	NA	11.36808	4.000088	8.632122
CUST_47404_PI429010886	M75982	0.000389	12	3						108.4222	56.87504	14.15156	124.4818	143.9014	208.027	50.45571	103.2892	43.12973	16.9221	41.47521	17.18399	84.98778	30.71209	61.76631	55.91435	105.1778	158.496	87.31709	20.92287	24.24219	46.91616	11.20301	73.3681	36.04391	84.03407	NA
CUST_17498_PI429010886	N38072	0.000396	24	15						45.89316	43.48001	37.83723	32.42053	25.27468	31.68743	35.25245	48.069	50.72389	123.1229	48.09045	27.62424	52.95745	46.11558	55.98779	65.28922	60.49322	61.02204	51.91715	55.9701	32.22977	53.00119	45.55959	48.1448	66.26094	47.57087	48.72124
CUST_52398_PI429010886	M97296	0.000399	24	18						125.5041	137.3935	104.2766	73.46154	138.4518	67.05664	52.98961	15.80258	142.124	198.8279	216.8379	282.5343	157.1495	91.43481	160.2794	320.693	56.69692	242.9037	340.1906	326.5696	371.6995	226.768	404.8094	130.1016	89.75292	304.942	164.7204
CUST_592_PI429010886	N6265	0.000404	21	3						54.5396	99.79034	56.07774	140.1704	65.99023	98.7787	63.05147	77.92082	64.05654	49.14494	47.43502	91.7472	67.45213	60.19028	44.64991	27.58029	46.69563	44.29399	46.43129	104.1327	82.1182	56.11071	80.9845	70.23629	74.80865	100.0297	90.95085
CUST_16986_PI429010886	N37188	0.000404	15	9						13.44435	19.15845	9.468387	33.47616	12.06652	16.5713	19.10174	11.33427	21.40881	25.60312	27.15358	47.14099	12.36728	20.70392	22.57524	17.0998	11.71536	8.529362	14.38818	25.47915	22.60935	30.56491	26.17206	16.1391	25.63785	30.86679	26.39674
CUST_41485_PI429010886	M57845	0.000405	18	15						200.4301	195.1585	224.5779	134.2642	175.4362	161.4808	124.9376	116.3867	121.3307	226.0436	215.7523	233.5692	163.5913	211.4751	149.8536	314.5564	222.9038	223.9394	157.8794	168.8426	125.7869	192.7007	130.3328	175.9447	171.2587	114.0443	154.542
CUST_17549_PI429010886	N38157	0.000406	24	21						76.924	50.70349	74.22065	56.48454	51.01157	73.20424	55.85206	37.10254	61.57414	45.63167	40.95384	46.95122	56.25359	58.50555	39.766	45.62788	58.15995	65.12567	55.77394	54.8287	69.60585	73.803	105.7587	78.41704	42.79462	58.75213	78.32339
CUST_12904_PI429010886	N30241	0.000413	21	3	1561985757	Crustacean hyperglycemic hormone [Armadillidium	Signal transduction	Other	3.00E-06	53.8203	49.91173	48.34221	52.18439	56.58363	62.70075	50.19147	50.66735	51.67197	48.13345	34.1704	21.25262	40.68573	41.20843	30.05351	51.97626	49.59376	35.82359	65.4438	28.35096	39.06616	84.97695	14.51263	43.75577	67.85743	81.82955	66.39266
CUST_51658_PI429010886	M94455	0.000416	15	12						250.0775	588.293	260.0898	156.7272	252.3543	113.5681	379.0729	233.6069	567.3609	628.8832	262.5059	793.0472	838.3296	792.4242	505.1623	989.9215	286.4677	388.0401	197.7545	405.7694	257.2859	683.3484	469.7466	221.2763	1819.925	451.7787	1606.601
CUST_49607_PI429010886	M86378	0.000418	24	21						52.85191	49.56436	58.25978	51.83879	57.38433	84.42877	39.29828	40.98995	42.19897	52.56534	40.80069	33.28766	45.42508	53.28731	66.04832	82.82132	53.01853	81.28485	52.74988	62.62111	50.67294	108.555	64.83984	78.94301	60.42655	67.37749	59.17622
CUST_41888_PI429010886	M58803	0.000428	12	3						75.36334	79.0243	49.41638	240.2928	181.649	237.799	160.1366	82.45182	61.27293	34.16228	117.6303	24.08352	63.15525	99.06334	67.04072	145.794	245.5292	207.5948	151.2216	122.1728	92.38118	166.1287	72.23286	156.562	66.46786	78.00387	19.22446
CUST_54476_PI429010886	M106170	0.000437	24	0						46.84888	46.04195	45.08069	46.40711	33.16347	45.41664	43.30223	44.33871	49.62512	43.32695	39.55733	38.67688	40.17935	34.73538	16.48255	36.19062	30.56491	50.36639	37.14316	31.88231	57.59651	51.17489	60.94428	44.30287	64.55134	57.60056	51.38396
CUST_19957_PI429010886	N42514	0.000442	15	9	321459258	hypothetical protein DAPPUDRAFT_61435 [Daphnia			2.18E-46	20.94079	29.9579	29.97309	19.93792	20.55297	19.28798	21.5971	30.62521	38.8107	34.41851	28.47434	40.90354	21.4565	41.77517	30.32568	36.16119	26.90259	32.10959	17.15146	27.00978	19.84931	24.41159	31.7268	21.10225	28.93334	33.14786	32.38272
CUST_53068_PI429010886	M99996	0.000445	21	3	514741530	PREDICTED: multidrug resistance-associated protei	Transport	Transmembrane transport	6.29E-22	13.94631	11.24123	8.003112	25.82153	15.14331	22.15622	8.442875	7.515463	5.941184	5.121625	NA	7.635215	4.870293	10.91384	5.288214	7.224308	NA	NA	NA	7.893242	11.0429	5.519043	13.06014	12.86528	8.006014	14.53622	10.06856
CUST_47532_PI429010886	M76496	0.00045	18	9						24.81549	13.56226	75.14455	15.86933	22.89626	16.99938	20.35314	89.80969	60.78457	70.94036	74.95386	79.29506	44.01036	42.7734	7.434035	NA	40.01136	NA	23.6747	26.28003	9.954929	8.970081	8.474659	12.66068	22.498	36.55801	60.95084
CUST_10931_PI429010886	N27013	0.000452	18	12						42.44034	42.82585	53.11468	52.2877	65.56207	47.57729	49.21104	54.0232	64.37974	67.63514	62.506	88.06388	78.08745	142.5887	82.53975	48.30896	69.04216	50.78152	56.72941	38.11258	41.87571	89.76549	63.65837	49.38887	86.90523	71.69416	85.09002
CUST_33456_PI429010886	M6935	0.000457	24	0	470380336	ubiquitin thiolesterase [Acanthamoeba castellanii s			1.79E-33	19.25031	19.58231	27.53905	17.89088	16.10864	15.95142	12.54217	13.71806	19.91122	13.69809	13.0306	12.42822	10.89944	23.56736	10.84659	15.33118	14.80982	20.71416	8.419112	14.32917	14.59396	13.96931	18.89448	17.12833	22.63247	28.70508	27.18447
CUST_56970_PI429010886	M115029	0.000457	24	0						63.3033	67.46884	97.79572	52.12912	53.9049	57.90878	68.01317	45.61086	67.04779	56.70249	47.5061	60.93069	55.52574	74.69976	50.14002	52.10062	57.10423	65.19644	66.2145	69.4087	61.25018	61.91569	76.46353	81.55572	96.4587	74.80865	107.073
CUST_21327_PI429010886	N45019	0.000458	15	0						151.2216	102.0005	115.0393	86.02859	100.2724	98.08436	93.75113	102.3532	71.89357	84.95079	68.50419	72.75459	95.72441	103.9053	82.17099	123.794	117.2072	109.0596	119.228	85.926	85.29111	140.7918	93.15439	87.38085	102.0461	64.3475	75.31286
CUST_392_PI429010886	N4801	0.000459	15	9	321466528	hypothetical protein DAPPUDRAFT_106124 [Daphn			2.58E-19	1497.781	2618.901	7188.247	339.8212	326.7925	72.43161	1801.38	8024.987	9784.529	10233.27	3315.042	8285.528	7383.427	14375.97	7901.818	6474.137	3161.551	1637.238	3899.401	5751.466	4128.792	14295.94	7819.87	512.4566	18023.86	7794.866	17457.06
CUST_37011_PI429010886	M17535	0.000465	15	9						892.3589	1078.296	916.49	838.6949	763.4512	720.9482	947.8741	931.7811	933.7706	1093.92	1083.765	1155.257	894.0864	1145.003	938.0188	1285.231	1012.109	942.3167	856.8878	1007.431	861.4839	1109.205	1027.698	739.0931	1382.607	958.7977	1058.786
CUST_39757_PI429010886	M44093	0.000465	15	9	220172371	putative elastin a [Rimicaris exoculata]			1.56E-07	428.7852	952.9126	2314.02	191.4276	244.0822	117.6603	460.3656	2166.108	3630.71	3438.186	1403.267	3414.171	1933.842	4575.004	2319.618	1173.656	717.957	844.642	912.7145	1424.308	1406.77	3704.973	3071.798	259.8087	4377.65	2673.681	6136.091
CUST_47920_PI429010886	M78162	0.000466	21	18						99.68173	156.0949	129.8259	111.0963	76.41163	123.1229	74.4613	54.89215	67.37108	117.5843	98.74368	103.4972	86.97645	120.5115	129.9842	128.2673	102.6011	130.9315	93.97578	134.3489	162.98	107.3346	135.5426	119.3258	99.32217	118.7227	75.63407
CUST_55110_PI429010886	M108763	0.000467	12	3						65.70437	36.2246	54.43748	42.01359	38.43703	48.11605	48.36598	36.54259	37.09496	23.69143	26.57271	22.96293	21.39067	28.45961	38.92558	36.62028	48.67882	38.95593	25.25069	36.92111	26.58817	19.75021	26.04444	35.38465	27.38056	28.34245	27.27727
CUST_24238_PI429010886	N50280	0.000468	15	12						88.03425	91.62991	80.01037	60.85469	93.14117	54.55709	63.36658	74.97848	59.28015	97.282	80.61162	97.56553	92.80312	92.37125	141.8752	88.63339	91.51834	71.93323	71.75603	84.7131	59.52835	74.17182	78.01256	82.00472	92.01375	96.1698	90.6343
CUST_28040_PI429010886	N57161	0.00047	15	9						23.33049	183.091	111.6027	67.50801	81.79478	52.96132	109.2001	160.974	264.6685	544.0717	158.91	272.2987	154.0002	424.3711	255.1463	119.9123	138.323	108.6177	117.2428	337.8584	153.5542	466.9714	322.2737	112.4193	584.5557	538.8855	510.2851
CUST_18606_PI429010886	N40088	0.00047	15	9	322801097	hypothetical protein SINV_06464 [Solenopsis invict			2.61E-11	270.8602	234.853	325.9737	238.5792	269.4403	292.9566	334.5634	282.2712	284.5979	372.3592	353.689	388.966	278.6632	370.3508	360.4943	336.7538	277.4454	327.7237	258.9692	412.0745	250.6384	392.9826	296.7454	314.4386	337.4667	439.1396	400.0206
CUST_33691_PI429010886	M7617	0.000472	12	3	321463229	hypothetical protein DAPPUDRAFT_324499 [Daphn			4.93E-14	26.31122	19.5508	23.82763	30.32196	23.56736	24.62928	32.09701	16.87055	19.68008	21.24533	15.2714	20.65925	22.49622	26.53793	21.08658	30.0998	35.87751	25.2475	30.08532	24.5797	18.64164	13.12545	15.12966	20.13319	22.06655	25.14408	29.97696
CUST_49295_PI429010886	M85062	0.000472	12	3						46.58823	40.17935	23.4177	90.26625	77.69279	97.77159	61.45704	27.67861	47.92719	11.00948	21.89788	4.160102	79.13143	14.9248	42.72555	88.33792	46.02417	95.33691	62.74739	10.98836	15.91598	40.02682	15.18342	46.98145	30.82801	29.36188	14.42559
CUST_34468_PI429010886	M9758	0.000473	21	18	345480130	PREDICTED: bifunctional polynucleotide phosphata			8.36E-75	94.10691	139.359	68.05219	98.29921	97.1202	94.3579	65.19644	65.69324	68.36198	114.5891	114.9498	105.2698	118.2899	90.92371	107.898	188.3253	86.81547	135.78	115.6759	154.0002	123.6853	121.9609	111.6142	89.21981	87.47537	102.8077	86.08273
CUST_1919_PI429010886	N11066	0.000478	24	21	344244211	Zinc finger protein 252 [Cricetulus griseus]			5.46E-13	14.22183	19.09041	15.4125	11.78768	13.2544	10.34523	NA	11.96936	8.396527	8.329617	9.343228	12.47112	NA	NA	10.4969	21.24533	9.021728	16.14981	7.96115	16.66793	16.20947	19.5508	19.40477	17.33525	20.8959	13.17448	15.04503
CUST_6490_PI429010886	N20170	0.00048	24	0	342326276	dynein light chain roadblock-type 2 [Cherax quadric			1.25E-45	194.9182	149.2244	112.4193	128.6369	68.68381	91.87634	84.54494	144.6688	120.496	73.78486	96.56866	63.69473	57.58322	72.58192	71.37464	165.9503	112.8118	111.8492	172.6882	61.64915	91.20024	113.2611	136.0004	125.6996	172.408	131.259	154.0476
CUST_19858_PI429010886	N42331	0.000481	15	9						60.82114	56.99104	73.803	35.45118	52.38937	45.51332	33.35513	61.12874	53.43124	78.38473	62.62665	67.18762	55.55289	60.47407	64.73839	79.07032	64.38672	63.46235	55.36449	54.56432	55.64622	66.96201	63.03207	42.25718	94.68098	65.02562	89.97695
CUST_22095_PI429010886	N46416	0.000482	24	18	328671709	WDR13 protein [Clarias gariepinus]			2.9E-14	15.69467	28.21594	24.37063	14.6546	19.00448	18.24494	17.9021	18.79291	17.26373	21.3486	17.12411	24.67666	35.60511	19.93091	30.95206	39.94582	25.56608	20.95699	26.00383	62.28748	80.44402	30.43439	19.74282	13.44283	25.87358	21.71104	25.49499
CUST_4181_PI429010886	N16181	0.000487	15	12						18.42118	16.9342	23.15281	13.69402	20.02647	12.71344	4.881326	16.08632	14.31728	21.87774	15.26556	18.78041	27.71021	34.95466	26.21698	24.06718	14.78359	25.56371	11.77935	8.421448	13.47949	24.17061	13.19079	16.07442	14.62058	12.29647	30.90472
CUST_19260_PI429010886	N41268	0.000487	18	3						89.20945	100.4336	101.6948	109.3629	83.31796	161.2704	77.00574	50.05524	79.89836	93.24144	66.54991	39.90155	45.2026	95.7582	29.1329	90.68288	45.42508	108.7711	99.25819	91.51834	89.68808	105.57	112.4734	115.9016	104.3119	82.11078	54.64196
CUST_45346_PI429010886	M68809	0.00049	12	9						20.47619	49.03725	83.97119	8.111614	18.10692	15.00845	31.19824	38.24749	26.30787	60.47407	46.67853	102.9064	76.53451	29.32849	45.00065	37.77068	12.56262	7.92158	20.73391	207.853	24.69594	29.66445	116.8917	NA	61.1802	23.82095	37.33083
CUST_41697_PI429010886	M58337	0.000493	15	12						82.53975	120.363	91.91837	53.59509	32.48902	6.756825	439.5513	254.3377	719.8537	214.5304	77.31411	194.3859	1165.064	1105.691	595.8659	688.3695	478.8398	80.87419	154.1347	99.52485	75.03476	151.2719	164.8298	186.883	1383.78	101.9838	2256.115
CUST_10079_PI429010886	N25659	0.000494	12	9						145.9801	207.885	186.9949	169.2493	75.87721	128.2524	265.3779	403.9415	252.7637	137.5279	265.1519	311.4551	230.3934	386.2115	254.0567	186.3153	95.14966	152.5866	236.5825	166.8948	266.6447	367.3426	336.682	418.2809	224.7094	178.6581	231.6114
CUST_14540_PI429010886	N33050	0.000494	15	12	242015281	cell adhesion molecule, putative [Pediculus humanu			7.64E-08	58.80718	40.20429	73.79476	42.74237	41.35575	46.84472	56.35545	50.64584	59.70379	63.1995	55.49391	60.25585	68.68381	77.76127	81.91685	67.34293	68.70977	65.26348	59.6278	59.18762	39.76167	64.4321	50.51081	40.99424	90.36196	53.36025	87.69732
CUST_13659_PI429010886	N31540	0.000498	18	6						20.18978	22.33967	26.70117	21.54483	31.81303	23.98555	39.05183	27.30026	30.67698	22.01737	20.6434	14.33237	26.55213	42.12575	17.94517	19.52587	17.32922	20.06979	27.0727	22.8445	26.66065	24.42322	74.4613	24.16065	38.20891	26.95815	55.64028
CUST_37774_PI429010886	M21508	0.000499	15	12	170040829	predicted protein [Culex quinquefasciatus] >gi|167			2.72E-14	610.9693	1397.451	1016.851	330.1788	321.5473	141.0258	3446.227	2267.686	5098.883	1726.714	606.0546	2244.992	13400.98	11510.47	6992.837	6969.97	3917.614	540.3776	1531.156	749.9064	828.3608	1106.942	1193.941	1897.37	12130.73	1134.016	17535.03
CUST_54151_PI429010886	M104815	0.000502	24	21						77.16796	77.70756	70.48615	64.61143	63.52108	70.08131	63.89005	63.24801	51.92326	97.23707	71.11204	55.52574	57.77749	66.12218	33.00843	112.9639	76.27537	67.1799	78.60763	89.08731	58.74569	105.6505	84.49247	80.37038	77.80891	94.65769	74.66117
CUST_8892_PI429010886	N23757	0.000505	24	18	321470773	hypothetical protein DAPPUDRAFT_317395 [Daphn	Nucleic acid metabolism	Regulation of gene expression, epigenetic	1.12E-57	26.51217	23.61053	17.61145	12.03276	16.35941	10.19943	13.42725	22.87829	8.688469	11.64631	13.38764	23.87529	14.61247	17.85496	24.35681	31.1463	11.23845	21.26332	43.93042	27.8177	24.59907	24.01545	23.06016	15.77573	18.72625	17.9566	17.31011
CUST_25746_PI429010886	N52980	0.000505	18	9						52.063	53.1338	55.04289	36.50859	58.78466	42.71532	46.37939	61.77428	58.23835	66.45252	70.21778	81.8019	61.87735	71.81025	58.66467	58.91707	64.90243	59.17148	62.583	83.49596	58.92815	57.5238	44.58058	58.69441	66.63641	65.69324	83.6912
CUST_27041_PI429010886	N55340	0.000505	15	12						402.6962	480.5601	434.1796	348.6809	360.6396	393.6847	364.0324	365.8372	392.3971	484.0144	463.6969	508.1895	426.3129	519.9761	536.7924	484.5005	388.6405	422.0003	372.8033	510.9063	364.475	480.2626	398.2452	403.4054	494.0702	437.1883	518.627
CUST_19010_PI429010886	N40824	0.000505	18	12						17.68838	16.86014	14.24194	NA	56.64379	NA	14.58166	22.15217	NA	52.89103	NA	167.6977	434.2638	399.2623	267.2122	95.98918	599.7852	15.39132	10.04605	5.075645	45.37849	59.16475	8.454339	13.46425	57.02142	59.99556	176.4383
CUST_28117_PI429010886	N57329	0.000506	21	18						74.83385	79.77146	68.33792	60.00971	98.46582	74.99621	56.52083	56.72941	58.17407	71.73214	56.48454	59.37489	60.31192	66.69348	76.26718	100.9304	68.21242	79.88802	88.33792	97.67416	78.84468	79.1048	94.36809	68.09627	87.00147	69.62631	72.53579
CUST_25179_PI429010886	N51922	0.000506	21	3						42.37752	37.35358	42.39985	55.43705	33.57359	67.06743	41.11909	46.18431	44.63407	34.97152	33.20988	35.1842	32.69174	29.76585	31.93715	36.90242	58.67101	51.97626	32.03971	31.52633	24.27705	33.30259	43.36723	34.05805	53.9331	59.91437	44.97088
CUST_17457_PI429010886	N37994	0.000507	12	9						4.972361	5.229452	14.37012	3.636142	6.98493	5.55948	10.05076	14.4735	10.7559	NA	NA	27.025	10.02837	8.091683	6.02768	3.469404	5.063215	6.234005	5.092364	5.307045	12.58347	16.97989	13.00912	NA	7.194544	18.56579	10.23894
CUST_18615_PI429010886	N40100	0.000508	18	15						17.28828	16.53144	20.79184	12.7744	11.90796	6.630038	28.98096	17.24517	22.32278	18.95062	22.02142	25.43424	14.37012	34.52588	29.52168	35.23712	NA	31.44747	28.03123	13.51511	18.32903	21.06491	9.935826	NA	16.11406	11.47955	28.35396
CUST_55673_PI429010886	M111215	0.000509	15	9						79.33173	53.90994	132.7602	84.20531	92.85168	101.4018	80.19532	160.1541	139.47	155.1509	146.405	182.9432	71.87199	165.716	109.8902	64.76438	123.7165	70.36056	120.3338	137.058	110.9326	128.8011	196.359	57.72307	204.1851	138.7005	228.1106
CUST_53091_PI429010886	M100115	0.00051	12	0	225875099	Euphausia superba cry gene for cryptochrome, exor			1.61E-64	24.59542	20.56111	34.37176	18.5156	23.22645	27.00004	17.69892	17.28408	17.13668	31.16892	18.8381	28.48649	25.82466	30.81693	33.11671	19.00858	15.10731	30.81978	17.85258	19.12864	21.71687	24.83327	21.24048	23.01868	30.50065	26.18577	37.52021
CUST_42415_PI429010886	M60224	0.000515	15	0						165.9249	103.0135	129.3018	92.13028	75.04971	111.8739	70.02979	72.41676	61.05172	94.56836	95.0012	66.86178	98.67215	128.7649	86.95691	167.9037	142.963	127.8994	154.3834	85.15981	134.0969	64.65683	130.1875	88.6791	144.3428	75.88452	83.95292
CUST_42915_PI429010886	M61589	0.000515	24	18	345498442	PREDICTED: glycerol-3-phosphate acyltransferase 1,			4.42E-16	156.0301	117.0372	106.2054	65.25641	147.0578	108.5891	123.9921	103.2645	123.6053	130.7837	153.3324	156.7533	142.0014	145.4206	113.3366	164.7416	248.652	174.8316	172.1063	247.8273	291.6371	199.3801	126.2814	103.8326	192.5322	130.2691	167.2554
CUST_22687_PI429010886	N47460	0.000517	24	21	543171838	CD209 antigen-like protein D [Oncorhynchus mykiss			9.1E-08	716.9224	833.259	672.0887	478.5158	508.0799	776.8406	457.7503	442.852	347.1819	619.2505	573.2606	462.7955	308.3972	526.943	562.3412	959.6386	585.6944	772.1398	702.2549	653.9628	683.1376	600.2864	774.9868	923.7156	1148.187	785.705	1035.582
CUST_46762_PI429010886	M73653	0.00052	21	3						89.419	139.8337	130.3926	330.6123	129.2002	146.882	108.3037	91.7472	103.5071	119.1637	49.8924	145.201	74.15113	94.70207	23.80171	64.69663	36.3679	74.29008	36.39953	76.31563	172.5457	95.689	208.8792	76.668	130.7837	214.6269	87.19276

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_6463_PI429010886	N20132	0.00052	21	18	345491105	PREDICTED: DOMON domain-containing protein CG			3.52E-40	40.53465	30.86679	36.34355	27.59937	29.82743	28.92063	30.91453	28.48649	31.03692	40.33441	32.38272	37.47537	29.81837	43.12973	25.75936	34.53803	41.33159	50.1495	46.38212	50.8107	32.43067	34.68835	31.18382	27.57506	31.78686	23.95916	28.27339
CUST_4168_PI429010886	N16153	0.000521	24	15						10.66241	7.465747	13.69592	7.681885	4.432447	9.362608	8.10145	12.00403	7.72233	18.71355	10.54492	12.15231	11.24362	17.67128	15.52381	36.68661	15.22088	23.08011	16.16875	8.382851	6.252271	19.89653	13.72673	NA	13.68318	9.462739	14.00504
CUST_20282_PI429010886	N43158	0.000521	15	0						171.0319	118.3632	139.4033	141.4128	123.1229	132.3882	152.4947	98.69728	118.6617	95.81155	86.76715	91.28115	103.4319	105.798	108.8513	127.3036	143.7439	118.8883	139.359	78.88657	100.1858	126.4765	116.8442	109.2372	113.0567	73.73041	90.17193
CUST_8096_PI429010886	N22531	0.000524	15	12						21.87979	37.18815	35.31167	22.3538	20.00906	42.19441	24.67666	30.0571	33.66515	25.45224	26.41719	34.84252	53.98541	62.09543	60.20751	43.95205	29.0776	32.47618	21.18631	20.56111	22.95261	38.80762	37.97967	19.93306	60.43419	34.41851	58.70421
CUST_17805_PI429010886	N38624	0.000524	21	3						34.71088	49.69406	55.01225	106.064	61.00953	90.04123	43.76947	32.43067	32.27766	37.65143	19.24611	41.30947	21.10951	49.34559	15.56261	33.07929	18.25337	32.73103	28.29864	21.09489	72.78118	34.1704	74.70996	40.84069	75.68737	38.49034	42.79462
CUST_9508_PI429010886	N24758	0.000525	15	0	240972665	chloride channel, putative [Ixodes scapularis] >gi|2	Transport	Ion transport	1.06E-51	59.45837	51.20005	58.22987	37.91955	30.9788	47.2535	50.80203	35.6179	23.52324	40.01887	37.81058	49.13393	50.55173	44.31444	53.84859	54.71071	61.33812	56.68336	55.75375	69.04997	47.26675	48.78617	43.30223	32.48902	53.16758	33.86006	47.3396
CUST_49339_PI429010886	M85248	0.000526	18	3	321473453	hypothetical protein DAPPUDRAFT_314716 [Daphn	Protein metabolism	Proteolysis	2.05E-20	24.30007	71.73214	18.04283	22.75922	45.52612	34.27813	41.15368	21.60382	23.26285	26.51217	19.15845	14.61247	14.1623	10.33277	17.51958	35.32948	33.50669	23.71704	59.80641	25.42066	41.56303	43.87581	39.10739	44.6585	35.79389	19.71872	26.76116
CUST_10669_PI429010886	N26599	0.000529	24	21						39.61818	47.54347	25.27468	27.5887	31.60035	22.8445	22.1833	24.30245	22.11953	42.93137	28.03356	34.29372	34.40003	34.81682	25.9871	36.36466	27.30432	38.14903	25.84268	40.31382	40.22531	32.30965	93.28305	98.4006	42.71853	52.98238	34.46849
CUST_38401_PI429010886	M26254	0.00053	15	12						191.7997	150.914	131.4476	121.8439	214.7012	161.7305	98.18381	119.4271	69.05841	173.4736	177.0286	139.5098	171.6689	258.7017	180.8735	139.4033	156.7999	119.9711	139.7854	148.3091	128.7123	133.561	113.0059	95.72441	354.2035	92.95468	146.6794
CUST_46225_PI429010886	M71845	0.000531	18	12						686.896	460.3656	1163.545	336.4536	374.3107	362.2892	980.1159	760.5296	611.2062	757.419	402.7742	599.656	685.9612	1114.646	757.6325	526.8072	496.7325	400.4224	561.2769	400.3298	445.4133	520.4614	399.7554	356.1302	624.8531	588.9896	680.741
CUST_42573_PI429010886	M60611	0.000534	18	3	126277740	PREDICTED: dyslexia susceptibility 1 candidate gene			1.53E-13	23.46033	38.36859	28.96949	57.57631	33.51452	67.12072	24.27461	34.59566	24.99108	20.2329	23.36117	72.39117	22.47267	12.95753	12.68111	25.36189	20.73682	27.14607	34.28772	15.10512	26.67812	24.32948	29.28006	43.94258	28.90009	60.98516	23.71505
CUST_26688_PI429010886	N54697	0.000535	24	18						43.58778	49.23067	44.38974	39.91268	40.63191	21.05599	39.93503	30.5332	56.28989	41.24587	41.84554	46.29572	46.90121	53.41262	32.22652	51.07827	76.58426	43.11747	72.89846	57.71214	75.30403	65.84223	46.76455	30.28193	70.08131	41.03316	59.9279
CUST_32246_PI429010886	M3621	0.000539	18	15	380015144	PREDICTED: uncharacterized FAM18-like protein CG			1.26E-61	450.7936	455.5337	352.3859	372.4888	400.4224	340.6846	320.9097	270.0917	314.8877	419.4237	354.3972	388.3479	370.0362	339.1053	353.8817	493.9819	358.4672	399.0919	378.1899	386.5802	341.396	413.2538	361.6235	335.2532	351.6009	329.0813	337.9324
CUST_18000_PI429010886	N38975	0.000542	15	12	395535054	PREDICTED: ralBP1-associated Eps domain-containi	Transport	Vesicle-mediated transport	2.16E-09	25.19666	12.4022	23.85453	16.39936	10.24518	11.68718	15.1999	22.74587	18.27067	28.8656	12.86855	17.45713	22.17314	25.2086	24.2722	19.82681	13.8081	20.22682	6.65508	14.21497	11.49378	23.05482	22.67397	15.04717	22.5725	19.87525	18.40643
CUST_35513_PI429010886	M12761	0.000543	21	0						226.1214	322.4251	293.8285	67.31728	73.39754	89.51747	81.63335	109.3542	133.135	78.27179	236.6906	25.4551	151.7898	58.92815	89.69655	381.0616	87.44346	188.9157	104.8092	172.9946	218.9512	534.2439	235.0953	431.462	203.0622	194.4273	355.6761
CUST_27565_PI429010886	N56284	0.000547	15	9	338224495	hypothetical protein [Scylla paramamosain]			4.32E-34	5.022376	9.238126	25.76654	8.003112	7.204193	11.16458	16.33291	28.54216	18.91214	33.80408	13.22555	36.46183	18.1208	25.52881	26.27382	15.84016	15.85326	11.09239	18.61046	12.35815	NA	27.58029	30.21934	12.80086	28.66257	24.32948	39.32573
CUST_34812_PI429010886	M10769	0.000548	21	0						42.89937	45.87335	55.14182	33.7306	46.2898	32.60782	25.82998	26.04992	44.86385	51.2626	40.79309	42.16099	22.89976	22.79184	23.13337	31.88591	38.57181	32.39121	34.49254	19.79173	33.70683	67.52161	55.87064	56.72265	76.57062	35.92246	24.78858
CUST_3791_PI429010886	N15275	0.000548	24	21						16.96853	32.87464	27.70733	23.91073	22.05258	18.64164	12.93141	13.83327	16.78198	27.12267	23.88015	19.38333	20.6935	31.87279	25.12826	29.6237	17.53908	27.78747	17.08222	30.76441	25.08483	34.55538	31.91824	27.54224	30.35236	31.62724	31.267
CUST_23396_PI429010886	N48765	0.000551	21	3	443717209	hypothetical protein CAPTEDRAFT_227704 [Capitell			3.69E-07	21.37183	42.10422	29.21058	71.15715	25.96255	39.99701	16.41585	21.07965	25.77304	26.92502	8.060022	41.9189	7.704662	20.92823	6.15687	16.85623	15.08227	10.22956	NA	15.36478	48.55278	18.9048	49.09421	17.64263	33.00184	53.03364	26.93068
CUST_17391_PI429010886	N37888	0.000552	24	18	307199491	Chromodomain-helicase-DNA-binding protein Mi-2-			2.34E-40	153.2997	188.7198	147.3674	133.2626	131.259	106.9501	110.8992	96.4587	104.4971	259.3271	158.5396	207.128	162.8265	149.1678	172.957	282.0775	153.8044	170.6936	215.028	241.5575	227.604	157.9028	156.5208	114.8668	201.6148	147.7426	244.775
CUST_15257_PI429010886	N34277	0.000553	24	21	242005598	conserved hypothetical protein [Pediculus humanus	Metabolic process	Other	1.54E-47	12.24341	8.364324	6.666438	17.83033	7.716948	13.22835	5.685852	7.529742	4.613954	6.007021	4.842579	8.33181	7.566637	10.58768	8.29527	9.530867	7.049754	22.33967	13.57505	NA	13.01679	NA	14.01909	62.05533	12.78901	16.92637	10.43918
CUST_52756_PI429010886	M98803	0.000555	21	9						46.08794	95.78605	59.78571	NA	9.403927	NA	12.4672	NA	53.13993	197.384	195.6579	331.4379	NA	211.2718	88.75833	983.8663	NA	54.14583	129.8445	226.151	105.4619	50.69847	23.26869	7.874648	8.220442	26.64821	32.67128
CUST_45351_PI429010886	M68819	0.000555	24	18	260841562	hypothetical protein BRAFLDRAFT_118457 [Branchi			3.1E-08	371.7567	30.28884	885.3464	77.92082	138.3904	72.76448	285.1566	614.705	90.74799	177.5884	151.0563	150.4117	853.6849	1353.303	586.3578	161.0687	457.9897	207.853	1446.944	866.5099	1912.382	620.7934	415.0913	545.1015	1325.228	515.8865	766.6399
CUST_11477_PI429010886	N27878	0.000558	18	9	302821822	hypothetical protein SELMODRAFT_186850 [Selagin			1.03E-26	26.1797	22.41713	26.46898	24.44087	20.10727	24.38855	27.88984	30.42483	46.48282	38.01489	33.57359	35.8336	35.31167	44.56843	36.38283	32.38272	24.20666	18.72053	32.58533	33.88263	23.47811	16.65858	26.39223	22.18079	21.44644	32.74781	35.42916
CUST_14284_PI429010886	N32632	0.000558	21	15						47.40881	65.84868	49.09421	23.56991	48.35331	32.7674	44.07419	26.7682	42.72999	58.27728	34.42762	51.25067	36.8424	34.80955	33.17839	79.21035	56.91814	53.30382	51.273	51.4	54.08762	49.46138	46.78356	35.43589	46.80174	32.62278	46.12938
CUST_4993_PI429010886	N18089	0.000561	24	18						4.66	8.830666	10.64869	6.99897	4.02272	NA	NA	5.370411	10.00209	14.60389	11.80273	7.666723	6.24043	NA	12.85919	18.35292	NA	NA	25.24216	21.26849	NA	9.883505	19.01018	7.82103	7.862605	8.039625	8.033791
CUST_26714_PI429010886	N54754	0.000562	24	18						91.77189	93.25437	106.4186	85.09002	91.02196	90.12961	145.6105	98.129	100.336	101.2088	91.11943	129.3708	108.8415	110.5556	126.0122	104.3306	115.6518	113.6765	109.2515	135.4539	133.7601	127.9641	119.7932	109.5988	130.8991	106.1639	112.9777
CUST_20872_PI429010886	N44219	0.000574	18	3						27.16436	38.08235	16.39504	53.04998	25.66555	48.80089	21.40624	13.84485	15.14895	12.28249	4.7017	9.233721	17.00562	6.668324	32.94363	27.85465	8.546868	26.12256	15.65092	14.80809	NA	24.97756	NA	47.37022	17.78837	21.96895	15.54199
CUST_29050_PI429010886	N59109	0.000574	24	21						47.74853	44.83381	42.19897	34.52588	37.3381	51.21188	55.04289	39.42673	43.5925	31.52203	35.18059	30.24099	40.18446	35.44816	31.60035	47.87924	68.55373	32.35642	45.08069	35.07318	50.68297	52.10062	72.03066	68.74728	49.52577	34.56933	45.2026
CUST_29544_PI429010886	N60080	0.000574	24	21						41.46468	45.33809	61.05172	34.46151	36.79155	68.68381	63.37918	41.82009	35.53745	33.75052	37.81392	34.33884	35.55848	50.82916	43.86454	46.16699	67.95716	47.21974	54.24943	36.53489	49.01735	56.55039	74.316	66.78979	42.29018	49.29515	43.70451
CUST_31250_PI429010886	M1078	0.000576	12	0						207.6805	254.095	269.8218	195.1585	165.7972	163.7139	139.9664	193.3073	181.1348	146.9814	151.5201	184.3061	219.1881	287.3657	212.606	245.4886	193.4964	220.9369	182.9909	193.4709	141.1886	244.8254	182.3936	165.6162	317.5778	197.2228	220.3236
CUST_52376_PI429010886	M97232	0.000578	18	0						19.66479	14.06114	11.17076	NA	8.711267	NA	6.17458	5.605736	NA	NA	10.25442	5.666175	8.173644	3.552205	5.327653	17.19461	14.44838	9.010507	11.38156	21.72694	NA	7.463527	9.008803	16.65858	10.82989	NA	6.099554
CUST_21887_PI429010886	N46043	0.000581	18	3						28.41001	36.97731	NA	32.97999	49.96713	32.13794	29.73851	27.53031	19.26616	19.44722	16.12785	11.40858	18.51985	24.42075	18.57528	42.15075	18.86937	23.94321	22.3138	19.81675	7.081402	34.76295	NA	36.7953	23.64437	20.00906	NA
CUST_45518_PI429010886	M69362	0.000583	21	15						33.75052	30.38917	27.35753	38.49034	33.92714	22.85699	31.34763	31.98439	36.40882	38.99636	38.83801	51.37508	39.71872	41.10188	49.998	47.71977	43.62743	39.0714	32.22274	79.22919	33.17446	42.52046	30.0998	21.16716	38.81815	34.74405	38.19149
CUST_42427_PI429010886	M60253	0.000592	21	0						148.2153	161.3901	121.4843	125.5232	106.2054	104.6964	96.92806	101.8776	101.2274	134.6919	100.7206	97.10121	79.78328	112.609	120.0446	163.3073	122.2019	119.4271	113.8304	111.3943	112.7335	176.1434	121.649	137.8813	113.5137	136.2923	110.6458
CUST_40558_PI429010886	M55455	0.000593	12	3						150.5899	180.016	94.01656	699.6538	659.6239	1230.999	525.5752	515.7103	97.18779	128.7498	459.9274	120.496	183.4152	97.95028	120.3232	181.7533	1030.678	780.9267	894.9707	172.1318	240.8224	148.9974	207.3956	397.3578	111.4084	405.2638	112.6604
CUST_12256_PI429010886	N29174	0.000593	12	9						89.60537	207.5948	242.8547	42.48986	73.03522	86.12374	79.4217	105.6561	34.68251	173.9653	155.0724	136.5503	86.67899	91.01032	112.1834	112.8928	36.92465	64.29604	165.0586	151.0368	150.0554	169.2493	203.482	147.341	150.8963	99.23417	115.6327
CUST_22231_PI429010886	N46660	0.000597	24	18						169.7841	185.59	174.8053	165.2222	162.3872	152.6523	137.2699	147.1104	139.9854	217.37	164.8084	230.2231	150.1195	163.6107	148.544	189.4567	165.8485	197.86	225.2614	215.4042	192.7945	180.1444	180.162	153.7558	223.1811	191.1131	189.0849
CUST_34162_PI429010886	M8915	0.000604	15	12						42.74724	51.5653	43.58328	30.54779	45.51822	33.21734	52.13588	45.40667	34.15826	56.46834	47.77531	51.50234	59.61663	63.75313	54.09438	66.27543	60.09613	49.23067	38.28234	48.2481	30.41187	50.74837	48.02359	42.38979	65.36011	34.23165	45.91191
CUST_44360_PI429010886	M65711	0.000605	18	12						19.46511	14.97314	26.45984	11.49378	6.881575	7.542588	15.34644	20.53115	18.07887	22.77196	11.83225	20.27391	21.18827	25.21717	16.35722	23.84605	21.6649	15.58555	13.91822	16.39936	10.6528	15.70628	11.64355	8.799195	26.73153	15.51056	19.32948
CUST_10476_PI429010886	N26294	0.000614	24	15						50.8107	53.99759	60.53815	54.04881	39.20036	63.52784	51.79974	55.01668	43.68024	62.05533	49.87667	45.83957	68.53497	75.65779	85.55586	66.4223	93.42325	82.82132	78.45985	95.42654	55.45229	77.69279	73.1075	62.3113	82.09306	56.27319	55.91435
CUST_33208_PI429010886	M6274	0.000616	21	18						9.467102	NA	NA	NA	11.22153	7.044099	8.487802	6.235044	14.26332	6.779829	7.683919	5.839168	11.71876	9.570885	5.569488	12.98486	13.98479	NA	27.47445	15.59286	15.63054	16.66456	NA	NA	12.45979	7.253431	6.837856
CUST_42476_PI429010886	M60368	0.000616	24	12	443695271	hypothetical protein CAPTEDRAFT_209723 [Capitell			3.53E-13	9.740573	9.529604	NA	19.58405	11.19977	18.38957	11.05595	56.17738	12.82841	28.50232	4.682659	13.84136	23.04237	21.9058	33.63387	21.54677	NA	19.87757	18.6803	16.30067	10.67448	16.39064	NA	19.98178	9.585988	12.55145	7.434035
CUST_42148_PI429010886	M59539	0.000617	15	9						141.6349	140.036	125.5654	149.1678	130.0885	118.8194	114.5891	124.7036	148.1764	167.7564	150.2035	163.0758	132.1335	157.6285	164.8776	149.4856	144.0112	123.2134	122.1911	156.1462	117.5244	158.91	140.1347	121.4442	214.921	160.0108	206.9847
CUST_12613_PI429010886	N29744	0.000617	21	0						214.9913	253.7689	292.0563	187.2939	135.5426	233.6523	158.5157	175.2864	171.1636	188.7857	166.0384	187.5065	207.0153	237.6429	188.3473	211.0801	175.9719	194.9477	145.201	185.168	213.1195	228.0216	255.7893	197.1531	190.0645	179.9875	173.9653
CUST_43015_PI429010886	M61864	0.000628	18	9						34.26311	23.93394	61.94492	13.93866	29.98761	24.66033	56.24014	44.71939	46.93128	85.87525	50.546	92.30386	42.59897	44.07091	89.06701	72.4241	30.87561	35.73798	53.46776	21.33598	27.89681	39.36991	27.34913	36.02402	27.99024	33.50292	50.91028
CUST_48616_PI429010886	M81280	0.000632	15	9	395509381	PREDICTED: zinc finger protein 850-like, partial [Sar			6.27E-27	18.35581	18.73634	15.10731	14.75975	12.39128	7.662248	14.27406	5.809357	19.44155	23.92396	25.59587	22.2321	18.33968	22.06407	17.33078	20.72901	18.35292	15.9338	12.22747	17.15304	12.80617	24.47717	19.14544	8.908142	23.17379	13.52517	22.38584
CUST_13701_PI429010886	N31619	0.000632	15	9						929.5412	984.9879	3981.392	238.0845	208.138	71.26057	1129.308	4623.212	5980.233	6587.101	2139.684	5193.144	4484.875	9193.951	4139.452	3124.162	2172.159	894.2724	2027.433	3044.565	2756.174	8404.925	5108.798	293.3227	12697.77	3809.024	12822.96
CUST_16827_PI429010886	N36925	0.000632	15	0						168.8237	214.5304	142.8727	155.4149	181.2186	147.2771	133.0251	119.4919	104.7731	135.5237	133.8101	154.3359	122.1728	130.2863	158.4788	199.4521	158.5396	159.5233	150.78	166.7311	128.7498	154.222	114.6697	109.6112	166.9868	148.3091	124.1092
CUST_15925_PI429010886	N35359	0.000633	12	3						231.8541	176.9135	NA	395.8483	332.0008	388.7869	290.8954	223.676	169.3778	30.60425	113.2611	27.51707	235.5779	84.96672	142.2307	275.7295	382.5164	434.8523	301.1198	92.4425	87.64594	306.0346	8.361603	251.0141	153.5542	203.7326	NA
CUST_26559_PI429010886	N54447	0.000634	15	9						97.99145	69.33625	78.22974	196.0648	168.7503	168.7755	125.6996	187.0582	194.9822	413.0515	376.9333	267.2122	317.5249	202.1751	271.918	70.66226	205.1195	84.87934	282.166	209.9313	147.6693	204.8478	83.85911	99.95963	422.8357	221.2065	249.3375
CUST_50050_PI429010886	M88402	0.000647	15	9						344.24	408.9972	900.4832	126.6031	158.4788	94.46416	482.0705	725.1936	901.1709	774.5083	604.4329	961.8209	545.3681	1078.601	677.7517	655.7469	470.0153	479.0678	396.481	772.946	458.3652	815.3757	793.5884	260.055	976.3736	723.6629	965.2192
CUST_47759_PI429010886	M77507	0.000653	18	12	307178252	NADPH--cytochrome P450 reductase [Camponotus	Metabolic process	Oxidation-reduction process	1.23E-30	159.3655	227.312	192.6124	213.0864	197.8235	179.2925	226.6782	315.5114	203.453	270.707	256.7514	335.0674	264.4268	329.648	328.5456	257.2108	281.0282	213.8469	221.165	495.2283	185.5593	261.0269	187.4158	165.9503	220.6402	248.7474	269.1618
CUST_12066_PI429010886	N28871	0.000655	15	0						794.7159	1137.917	853.3995	486.8632	859.0461	961.1254	316.4275	167.4539	391.7449	863.4186	792.7128	853.3995	358.6229	587.9777	522.5582	1371.865	948.7418	1022.691	712.1447	804.5642	784.6927	670.3311	589.2877	457.5237	1063.11	498.2267	773.8104
CUST_12672_PI429010886	N29848	0.000655	15	9						178.7072	254.189	203.7634	122.1188	172.7927	114.8344	148.5237	218.8408	218.5128	295.6383	186.8543	209.6917	191.3918	241.638	227.9715	259.7236	152.2767	181.4398	150.6728	197.6332	165.0799	228.9161	205.5044	155.0724	237.0425	257.5442	265.3147
CUST_17684_PI429010886	N38408	0.000659	18	12	193705824	PREDICTED: ankyrin repeat domain-containing prot			1.25E-19	25.32849	12.47875	25.1894	15.77161	20.74695	13.97554	15.62557	21.15749	23.59336	176.5718	24.15101	14.4465	93.55006	134.486	31.46943	39.51034	29.11372	25.89483	27.54647	14.42276	14.03191	23.1883	22.88862	10.29246	27.07724	16.06632	22.8004
CUST_27053_PI429010886	N55360	0.000659	18	0						212.4411	211.9851	79.84151	113.6358	138.5572	88.23558	69.34114	57.89544	79.86307	132.8611	78.38473	102.5272	111.151	175.1768	133.355	132.1519	39.29501	88.78018	179.2612	195.0743	135.7577	116.9944	52.14738	80.76562	76.14971	77.7747	83.81066
CUST_32879_PI429010886	M5354	0.000659	12	3						829.1909	529.2101	20.97642	1146	1008.924	1665.324	1022.968	959.9717	777.0504	50.22974	153.5334	21.92896	1018.327	277.1919	530.5435	1035.582	1215.238	1496.572	1468.172	112.517	90.11072	716.9224	16.23047	989.1564	547.117	795.9721	13.82239
CUST_33042_PI429010886	M5815	0.000668	21	18	149716541	PREDICTED: zinc finger protein ZPR1 [Equus caballu			1.6E-99	183.8412	221.873	144.7965	168.9486	166.9868	148.886	130.6003	119.6624	125.8598	164.2928	158.2183	158.0318	159.9648	192.4758	200.6114	214.2348	166.5412	157.3097	182.747	225.9932	168.1988	212.4411	158.2913	166.1109	202.7615	127.2256	135.061
CUST_38246_PI429010886	M24610	0.00067	18	3						14.28302	14.28677	NA	15.17932	19.25031	14.79848	8.589723	4.660908	8.309227	4.024049	8.393397	4.688591	7.931172	11.37559	14.73825	14.35579	12.61125	11.66976	14.88378	7.02756	11.40403	16.17931	10.31326	14.38028	14.32589	7.128415	6.393088
CUST_41116_PI429010886	M56909	0.00067	15	9	546685137	hypothetical protein D910_11939, partial [Dendroc			4.37E-83	429.0337	452.2817	589.1626	344.803	371.2619	390.8735	377.6826	403.3076	538.4051	598.4797	399.8374	651.6164	463.5935	560.7028	446.0696	491.9013	477.5078	385.4652	389.2749	405.2638	251.6265	416.647	516.9528	523.5388	482.6309	465.2249	607.9318
CUST_1191_PI429010886	N8789	0.00067	15	9	187610687	small nuclear ribonucleoprotein polypeptide G [Pen			3.39E-20	27.75482	46.73511	48.26458	22.64343	10.88063	15.75401	40.8947	17.97978	28.81252	182.1781	79.21035	94.79905	50.78152	18.54155	37.78907	41.55928	20.44316	23.34857	17.73774	26.36533	48.04331	74.51983	32.60067	35.13593	43.53998	34.54419	114.3038
CUST_54595_PI429010886	M106779	0.000671	21	15						33.8524	24.29748	22.24779	22.28917	19.76503	18.82741	16.11003	16.56737	26.54031	33.3136	18.13841	28.99027	28.98746	28.53867	52.46279	30.04719	67.34873	33.1987	32.46691	28.97523	34.4458	36.98139	26.36033	15.42005	20.61255	26.22564	13.5817
CUST_47600_PI429010886	M76816	0.000671	24	0						14.24335	15.50857	13.71161	11.32307	6.462365	8.221669	13.39222	6.049495	10.14463	9.495063	10.02652	7.332766	5.23284	NA	10.16697	7.988553	9.641424	12.82338	8.665868	5.361665	10.62972	10.80337	14.90554	14.68167	19.50517	16.56157	10.39612
CUST_31592_PI429010886	M1920	0.000673	15	12						257.2108	357.5465	279.5586	219.4603	167.982	211.3962	204.5562	260.8562	240.1418	300.2764	222.3148	250.1572	361.9781	403.8464	311.0329	308.8946	269.8655	231.5437	265.8178	245.3745	215.4319	263.9741	311.394	188.6253	288.2204	228.0795	280.8839
CUST_28850_PI429010886	N58723	0.000674	21	3						110.0025	108.9403	118.8194	111.2059	109.3629	113.0059	123.4029	104.7611	115.7448	83.8218	105.9793	88.89139	90.25676	90.75806	77.14278	106.5084	105.779	94.42153	104.0321	90.04123	94.42153	108.2334	124.1278	88.49089	118.246	109.6904	117.0097
CUST_42428_PI429010886	M60256	0.00068	24	18						27.69389	17.33078	19.51465	15.61765	16.12222	14.37805	23.39301	12.40402	14.9648	20.17771	20.42397	11.33051	24.13249	31.59448	36.42394	26.69563	33.7538	31.87606	36.64988	26.95285	29.30417	22.8759	16.14788	18.34511	34.90742	14.15378	23.71308
CUST_44555_PI429010886	M66307	0.00068	24	21						40.77403	53.18901	56.57948	26.84667	32.87464	36.93108	30.14229	23.46033	33.71073	52.42324	45.09026	82.90947	37.71676	41.47521	42.62942	51.24529	49.86955	54.8287	53.8551	47.3803	46.34675	60.6077	63.77021	46.37939	45.82436	37.31704	36.72537
CUST_14191_PI429010886	N32460	0.000683	21	18						NA	11.8786	8.268709	NA	4.762239	NA	5.701937	5.651396	7.127057	NA	14.09963	4.212624	6.11892	5.257423	64.03011	7.681885	8.373525	7.884889	12.55922	14.10863	14.94458	5.574158	13.65247	7.860635	4.464293	7.249166	4.194887
CUST_51716_PI429010886	M94702	0.000685	12	0						369.7785	708.7623	734.2085	118.0864	189.1194	140.4954	223.4595	464.7526	707.6225	536.8972	328.7379	657.8288	794.9156	1303.313	640.8065	244.3927	712.9294	204.5562	356.5583	597.7736	328.4337	637.9884	527.4806	139.7482	818.0738	489.338	911.24
CUST_41374_PI429010886	M57581	0.000688	24	9						58.85113	67.51475	37.44113	53.01337	68.33792	72.65998	73.58286	92.66541	64.99075	94.08412	133.9111	148.9131	111.1358	54.15621	62.30633	86.45155	63.65227	66.20236	75.50768	95.94174	56.42615	62.18923	42.54782	64.77801	46.29572	68.03939	51.33619
CUST_2472_PI429010886	N12457	0.000689	21	9	75022291	RecName: Full=Oplophorus-luciferin 2-monooxyger			6.43E-13	14.84745	17.60068	6.369665	36.20273	35.6143	28.82637	111.9276	71.06446	52.24698	31.88591	94.87745	114.3208	53.11468	18.88381	24.45097	22.1165	19.52762	14.3364	19.59849	107.2382	52.76183	17.17879	21.31486	27.03844	10.78772	45.42072	31.40253
CUST_335_PI429010886	N4034	0.00069	15	12	170040829	predicted protein [Culex quinquefasciatus] >gi|167			9.59E-10	756.1137	1511.146	1034.677	354.9858	302.8326	135.0089	2886.71	2097.241	4851.309	1912.382	633.8371	1964.934	12334.51	10435.28	6600.16	6949.82	4008.447	545.8082	1491.426	759.5836	806.0846	1139.145	1318.564	1566.438	12822.96	843.1506	14805.59
CUST_13208_PI429010886	N30783	0.000691	18	15						248.652	276.9079	255.1161	236.2907	253.9339	214.2001	192.0579	185.3252	180.7887	221.8177	201.8776	235.3127	226.8032	278.6632	225.8611	299.5774	261.9745	257.2108	215.8293	271.5235	210.6402	300.5825	208.8093	192.6124	278.469	190.588	201.1076
CUST_41165_PI429010886	M57032	0.000693	18	15	380022244	PREDICTED: poly(A) polymerase gamma [Apis florea	Nucleic acid metabolism	RNA metabolic process	2.87E-28	12.78761	11.76966	27.68104	8.073322	5.97138	4.952016	12.83327	5.109965	8.167031	13.66257	16.80068	18.56806	7.531717	15.37785	18.05975	19.49405	35.51693	16.41585	15.28371	11.11919	12.95606	12.1537	6.938783	15.32123	14.36708	6.113641	15.5539
CUST_33382_PI429010886	M6751	0.000698	18	3	301624502	PREDICTED: flavin reductase (NADPH)-like [Xenopus			1.96E-47	38.22525	34.47136	41.20481	47.99919	30.92026	42.96262	29.12856	28.3396	33.35026	57.79515	31.84731	23.78457	27.41533	25.12351	23.45219	31.74172	28.94552	30.69155	36.8424	16.09243	45.84492	38.64362	51.98858	42.22821	31.8918	43.43615	38.50578
CUST_6595_PI429010886	N20321	0.000698	15	12	307176635	Hamartin [Camponotus floridanus]			4.1E-54	69.97891	84.83474	94.5989	62.31885	61.75222	53.26328	61.911	90.13978	80.86611	89.0456	82.21549	103.6058	94.81726	102.8432	102.6264	86.30175	69.65017	63.1995	72.71237	86.3406	62.98504	78.58831	90.44569	80.36337	97.29292	61.25018	104.7823
CUST_20331_PI429010886	N43247	0.000702	21	0						534.723	722.474	492.1806	385.3789	463.9991	389.0546	378.5438	358.2812	342.8578	638.2757	407.8386	420.2091	410.9035	435.2247	352.4518	608.6975	451.7787	430.1259	491.7148	547.8035	530.2702	565.6978	555.7341	493.0904	640.8065	333.5908	571.296
CUST_34280_PI429010886	M9232	0.000703	15	9						12.09699	14.60212	9.554371	5.86895	7.82601	5.514158	13.24259	12.63783	4.537233	13.42229	12.90269	16.037	7.301575	12.90802	6.428186	6.208299	8.826373	9.184475	8.723307	6.039035	NA	7.145089	11.29004	9.269541	13.04046	9.700584	14.14994
CUST_32473_PI429010886	M4202	0.000707	15	12						199.6316	158.5656	261.922	79.043	80.81357	98.05949	143.5925	219.9262	209.8084	254.6874	109.9175	168.5577	244.0376	344.0193	226.3675	176.2795	152.5473	92.05581	104.8539	185.3252	127.8042	218.242	167.9037	125.0614	207.5722	146.3399	196.7037
CUST_390_PI429010886	N4792	0.000707	15	12						1692.652	3549.404	3105.643	1036.441	1337.58	1140.062	3934.354	3785.297	5917.438	4213.146	1761.883	2894.613	4854.251	4992.636	3120.564	4598.774	3197.843	2698.741	2026.043	2284.352	1835.374	2829.871	3809.024	2362.762	7662.198	2377.614	10851.4
CUST_23025_PI429010886	N48132	0.000708	18	3						68.37525	48.56156	NA	38.85028	83.5291	73.59863	32.46954	20.04708	10.7321	22.78989	12.82841	21.15229	17.7534	7.529742	21.38839	24.5797	28.48104	27.33167	32.04305	7.179499	13.59444	40.16219	NA	58.04233	28.61737	30.39754	8.695689
CUST_46972_PI429010886	M74360	0.000709	18	15	157135044	pom1 [Aedes aegypti] >gi|108870311|gb|EAT3453			2.9E-18	14.87852	NA	12.60293	7.72466	9.03782	30.88587	4.527621	5.793257	5.678179	9.197112	6.500221	11.09239	11.93851	NA	NA	17.71088	10.99994	NA	8.499443	12.04602	7.30902	11.85953	11.08478	10.01939	4.585512	7.156953	5.957887
CUST_29813_PI429010886	N60616	0.00071	15	12						17.02313	22.81875	29.58412	14.84417	13.09722	9.303154	NA	12.82706	7.588896	27.13842	17.42611	19.80974	26.57746	23.59085	31.76384	35.02024	21.42376	24.03757	17.95875	23.33967	14.63109	19.26616	16.53332	14.75394	23.4177	10.2062	24.30839
CUST_25371_PI429010886	N52292	0.00071	15	6						8.711267	5.308585	14.27082	10.38575	9.921574	8.630999	17.37482	19.28994	12.04133	6.19695	8.802891	NA	NA	5.354146	6.497327	9.240522	5.660086	10.20734	15.49062	12.08287	8.463865	NA	20.72239	NA	6.929742	11.37412	10.13796
CUST_10646_PI429010886	N26564	0.000711	18	9	512925775	PREDICTED: monocarboxylate transporter 5-like [Bo			8.03E-07	32.02169	38.0368	47.53397	16.78585	29.99067	23.92874	24.56849	38.13783	44.01036	56.67806	40.43694	63.66464	28.58408	78.05922	57.33188	47.76946	28.5492	49.43277	39.54096	46.1038	37.35358	39.43891	29.53645	18.7912	51.97066	48.59055	76.47488
CUST_34616_PI429010886	M10154	0.000723	24	18						33.91698	30.6513	35.23447	26.80742	24.60687	21.67436	41.51371	34.70757	51.87045	28.54216	42.69742	59.25893	45.13249	56.60227	43.16663	49.00501	41.99242	28.41001	58.38951	60.12109	56.23475	36.15353	39.64114	24.87256	31.59448	23.31281	55.6932
CUST_1126_PI429010886	N8583	0.000724	15	12						248.2061	261.8822	296.6312	209.9951	193.1764	216.9753	223.2254	226.8346	224.668	260.0898	240.8565	338.6596	238.3762	296.6312	314.8276	313.1633	233.6842	223.9704	205.4682	285.2578	231.2637	274.0115	232.7383	218.4381	274.7936	237.9979	306.8772
CUST_50356_PI429010886	M89564	0.000724	15	0						15.2714	12.86372	17.73774	NA	13.06343	11.6989	6.611992	9.604718	10.47246	10.2415	6.763654	15.24223	13.56421	13.24864	13.45283	15.87666	13.57843	12.6398	10.11317	13.32448	10.57226	7.411834	13.08683	9.166269	13.28314	8.259244	9.925474
CUST_46196_PI429010886	M71736	0.000726	18	12	443709823	hypothetical protein CAPTEDRAFT_223901 [Capitell			1.18E-14	14.6546	18.0708	14.78546	11.18429	13.64415	14.71224	8.197045	14.9648	15.64186	17.05262	21.47442	17.71924	21.27347	23.5068	22.40881	20.77394	20.50176	17.08982	15.01303	24.0422	11.58541	19.69856	15.88012	7.389291	13.53636	14.90976	21.57749
CUST_15253_PI429010886	N34272	0.000733	24	15	498999091	PREDICTED: transmembrane protein 53-like [Ceratit			3.5E-12	9.171762	8.425113	17.28035	8.372351	10.82989	18.4152	14.00188	12.09198	18.85135	20.47876	14.18613	31.64376	20.92287	15.65817	19.09941	25.14633	17.85258	20.63988	4.991219	13.49109	15.37345	17.46532	16.41585	12.6532	6.463315	9.664283	13.85408
CUST_39023_PI429010886	M33444	0.000735	24	3						138.7197	87.6188	132.3017	649.7314	211.1514	406.244	170.3963	223.1189	105.8252	165.3002	90.62378	128.5685	151.2719	154.8105	104.6828	113.6118	55.784	63.79444	32.40014	155.979	126.7933	131.1671	302.8941	85.43667	221.852	409.385	78.92088
CUST_45401_PI429010886	M68997	0.000737	18	12						268.7796	295.2655	185.7909	169.7593	218.9157	179.1099	549.794	307.1797	424.5435	276.8504	266.2859	239.571	606.0546	524.2243	313.7524	310.8131	246.0582	221.6212	525.5752	197.86	230.8944	233.6842	194.777	232.1034	306.9757	235.9095	517.5225
CUST_9963_PI429010886	N25476	0.000739	18	9						146.6632	149.7134	137.1423	146.8007	99.42759	113.9467	97.14315	92.95468	116.9387	180.9857	193.4196	222.4725	146.5479	189.5968	154.3172	173.0442	107.7492	126.8079	175.8911	150.2252	140.036	125.3899	73.27672	86.22581	120.4829	167.8576	125.5654
CUST_36012_PI429010886	M14290	0.000743	21	18	321458840	hypothetical protein DAPPUDRAFT_228516 [Daphn			8.74E-52	87.16389	86.49079	124.3334	73.93015	81.55572	71.94024	61.49124	62.04074	60.80817	91.12979	98.34685	107.7787	72.49991	100.4962	93.49845	100.6291	81.7755	70.2561	91.18913	138.7812	99.20203	108.7837	87.08384	82.58698	103.7436	81.7755	73.64901
CUST_12475_PI429010886	N29524	0.000744	12	0						598.8088	2814.544	2090.413	68.30614	260.6408	117.7597	869.5437	2016.816	1666.923	1612.797	964.9461	1845.048	2178.033	2701.759	2192.843	342.4231	660.5155	654.914	1906.946	1768.416	1271.998	1331.49	1617.488	153.8434	1960.986	1478.287	2688.606
CUST_9291_PI429010886	N24384	0.000747	24	0						40.21556	45.05944	37.82192	19.28994	33.52107	32.91621	21.24533	30.34969	22.63948	23.94925	23.06016	28.08839	29.51147	24.59022	23.95482	36.92762	37.40452	30.29871	29.70687	33.07929	21.16443	24.09176	33.50292	23.10525	49.70586	36.73446	38.19855
CUST_4289_PI429010886	N16411	0.000747	24	18						11.15122	14.52536	10.29115	13.69809	9.159424	16.13721	9.301993	6.512863	10.02996	14.52373	12.89444	16.06632	4.930335	6.215347	8.663836	19.06154	NA	18.16713	19.18101	20.95699	19.19079	16.47211	19.03731	NA	17.28035	5.681294	10.99994
CUST_39930_PI429010886	M46911	0.000748	21	3	371591210	Euphausia superba voucher 980349 mitochondrion,				159657.9	150939.2	154783	157589.4	153078.2	156827	154243.9	158283.5	153607.2	156827	146237.4	119417.1	126138.3	118691.9	113412.4	123526	133987.5	147644	152308.4	143243.9	159046.1	152308.4	161558.4	144434.8	160411.4	148206.7	155394.6
CUST_45747_PI429010886	M70152	0.000751	15	0						157.4172	165.3446	140.5892	150.449	131.39	147.7228	104.8657	114.8668	111.4954	115.4469	130.9454	120.2195	119.2623	124.8931	139.419	214.1014	139.4961	133.355	129.1875	143.9734	121.1153	153.8729	119.1161	120.8512	156.4459	120.7928	122.1188
CUST_36919_PI429010886	M17230	0.000751	24	18						95.03994	107.4719	90.95085	63.46235	66.92364	49.01378	62.21773	74.35805	79.46381	112.8928	77.97597	70.40792	103.5071	105.8816	86.83335	73.55823	89.77998	93.87602	138.8045	100.2406	141.5508	135.7406	102.6264	56.99104	91.31323	109.6567	118.3919
CUST_40518_PI429010886	M55354	0.000751	24	18						178.3086	110.1779	129.8119	79.26193	92.57501	97.83625	103.0626	119.5708	107.8556	125.2377	101.4215	123.1997	119.3927	125.6357	114.0128	141.4486	130.9454	121.0512	130.2384	137.0908	134.282	123.6853	117.7859	106.9501	175.7782	123.3055	173.9115
CUST_5664_PI429010886	N19009	0.000751	24	3	443686980	hypothetical protein CAPTEDRAFT_218731 [Capitell			5.2E-36	210.1562	273.965	246.7296	391.6722	266.3801	349.4134	248.7921	257.5943	258.4896	253.1914	175.6726	342.1102	221.9563	223.1189	260.1739	207.9906	173.9653	317.7577	244.2054	130.4535	188.1392	226.3317	159.9839	224.1873	265.7722	247.9972	200.8936
CUST_39161_PI429010886	M35427	0.000757	18	0						147.9625	172.8801	145.6295	135.78	122.2713	92.60851	125.4876	119.8572	100.1974	145.9205	97.80592	105.9305	82.13647	85.55586	107.0816	144.8631	131.9084	153.5041	137.0179	155.3371	134.0609	154.3834	94.83175	132.0735	107.6119	114.443	110.2442
CUST_7240_PI429010886	N21246	0.000757	21	3						29.04567	23.76609	36.62478	39.83487	31.75695	37.18815	32.89748	20.77162	13.37205	35.10359	21.19713	26.48831	15.44211	29.00481	17.81187	18.85554	20.06405	18.96046	25.46747	17.07166	33.9856	33.2742	36.94632	30.5069	41.8887	39.57456	21.63352
CUST_57322_PI429010886	E5811	0.000758	21	3	270008607	hypothetical protein TcasGA2_TC015150 [Tribolium			2.27E-11	178.2839	191.452	239.2282	288.0337	179.3194	238.6573	146.6794	165.6398	179.0014	161.9804	114.0935	170.596	120.2795	166.3173	101.3667	163.6601	113.5137	166.4042	143.6702	119.6154	231.3422	162.3872	258.8229	162.5528	197.0618	183.4152	175.39
CUST_35143_PI429010886	M11717	0.00076	21	9						52.55217	64.36368	80.42722	86.86206	73.64901	85.51349	89.5493	73.47109	92.77688	88.49666	97.3988	85.52397	94.00857	83.16029	80.01037	74.40209	78.57748	56.12021	136.51	66.18886	74.74764	73.07849	66.85557	60.5947	77.40739	69.39137	92.5954
CUST_41965_PI429010886	M59020	0.000761	15	0						292.7227	223.1512	247.0492	165.0319	175.011	200.8116	139.6417	92.69475	167.2734	173.881	177.5136	185.8695	127.4262	199.7111	194.1717	361.0091	255.3452	303.7146	154.0879	187.276	174.8583	168.2847	213.1848	185.6524	242.2528	209.5249	269.5764
CUST_4338_PI429010886	N16539	0.000761	12	0						49.94515	33.06846	54.6863	29.49276	32.37332	27.92893	28.25408	26.81554	28.81481	38.76201	31.65427	41.88371	31.93715	51.05906	44.86761	31.34763	25.83289	33.22506	32.80342	34.26633	32.97999	46.30865	33.58065	36.64631	36.20575	35.82359	37.77438
CUST_53936_PI429010886	M103776	0.000763	15	9						22.34831	41.96451	30.57199	NA	11.84611	14.21497	15.39416	5.04092	32.40747	35.27881	20.84836	43.10871	28.40282	43.49759	31.32413	28.37529	11.93404	32.29255	19.12737	11.77935	30.50923	41.81668	36.46662	15.18055	44.82913	51.14708	48.30048
CUST_5176_PI429010886	N18359	0.00077	24	6	585342	RecName: Full=Arginine kinase; Short=AK >gi|3113	Metabolic process	Cellular amino acid metabolic process	1.6E-150	174.8815	128.3451	185.2639	191.6398	185.6828	129.9706	187.0999	249.4607	193.3576	168.2678	230.36	169.1739	212.8755	146.2811	159.4512	141.4293	155.6736	108.8415	159.0925	318.6212	162.6286	97.92701	154.9129	73.57494	109.6686	152.3559	179.7938
CUST_39300_PI429010886	M37428	0.000771	21	15	270016056	hypothetical protein TcasGA2_TC012929 [Tribolium			5.48E-11	111.7362	101.7342	91.35555	68.24289	69.99368	64.09512	80.63305	101.7598	90.54311	125.8442	114.7609	108.3885	114.4836	97.85969	89.24114	180.4919	72.10026	168.5282	158.8804	111.9364	102.8937	103.3291	106.1754	88.81258	105.711	63.87879	76.93173
CUST_50784_PI429010886	M90999	0.000788	24	21	443728528	hypothetical protein CAPTEDRAFT_178633 [Capitell			2.53E-11	34.61952	26.8214	28.05779	31.31098	10.07859	26.41115	20.93304	19.43749	20.12366	64.94243	26.74645	25.45224	28.85125	29.09314	36.07548	43.65248	28.09932	30.89255	22.31957	33.57067	30.8467	34.95466	50.65756	35.57263	31.44965	25.76451	31.6082
CUST_27254_PI429010886	N55716	0.000792	15	0						378.7944	407.8386	366.4064	268.7796	318.5558	307.1797	254.189	252.0389	251.0973	355.116	266.0394	304.437	367.921	283.0254	290.5429	430.2513	324.5263	325.3686	290.2748	355.3996	255.7893	381.2578	261.6417	274.4437	399.7554	255.8665	269.9093
CUST_20563_PI429010886	N43664	0.000798	21	3						1171.568	2626.728	1652.941	3988.418	1814.412	2016.816	1384.531	1022.013	1462.44	2027.433	791.8244	1608.297	910.1372	1449.375	682.9708	493.5731	538.4051	944.9878	632.6214	651.9918	2218.572	1396.98	2346.537	578.6895	2623.017	2195.833	1189.103
CUST_3617_PI429010886	N14893	0.000802	21	3	384402278	predicted carotinoid oxygenase [Bombyx mori]			4.93E-15	3618.732	7749.236	4797.809	12916.14	6448.481	5157.962	4041.003	3627.549	4107.091	5498.252	2298.025	5411.773	2777.472	4937.213	3483.315	1539.294	1848.861	3288.575	2201.928	2763.052	6461.792	5875.497	6234.905	2934.424	8086.505	5868.528	3634.672
CUST_28703_PI429010886	N58459	0.000804	24	15						60.5059	42.94589	92.64233	47.5835	47.04186	60.89252	56.20414	67.90618	97.91604	104.7962	91.85305	101.7048	79.33173	92.53187	78.1117	109.1441	90.08157	107.1382	107.8715	98.71598	86.39769	68.1165	82.8076	67.15618	95.66411	70.17729	86.06426
CUST_10764_PI429010886	N26750	0.000809	21	9						21.67436	13.08017	23.94659	20.24846	22.01177	36.87107	25.71165	16.88939	21.59129	27.03844	29.95513	28.48875	25.5267	16.00911	25.94889	24.6038	25.11853	22.46676	18.7049	26.36365	15.09945	14.37169	20.57784	10.70732	22.74008	24.61539	15.62744
CUST_25941_PI429010886	N53342	0.000819	15	9	528522579	PREDICTED: gastrula zinc finger protein XlCGF57.1-l			4.98E-27	96.07604	77.57474	87.08384	63.78913	52.15768	68.51154	88.10192	114.9603	96.40299	110.8479	53.47338	105.4884	82.00472	116.0676	98.65062	70.59503	77.34848	68.95198	56.42615	76.22636	67.34873	78.77563	106.4577	89.37758	103.109	79.26193	109.8291
CUST_10717_PI429010886	N26676	0.000821	12	9	306478627	ficolin-like protein 2 [Pacifastacus leniusculus]			1.31E-25	9.707875	7.774382	13.26743	NA	5.147446	NA	9.330885	19.689	12.57374	NA	46.84888	15.89893	9.659531	7.966321	8.835496	13.00011	6.628016	NA	9.960996	13.20272	NA	42.0037	13.7932	19.02231	11.09239	NA	9.604718

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_41575_PI429010886	M58064	0.000821	18	12						107.9121	107.2744	115.6902	117.1213	119.4271	120.8319	115.7071	149.0574	168.9693	141.3981	142.2559	123.6359	148.4195	213.366	180.1532	143.5925	127.5003	145.0486	121.0641	137.0179	95.83965	159.6585	143.9903	120.1261	193.773	186.0881	168.3529
CUST_18790_PI429010886	N40416	0.000822	12	6						12.54832	4.060656	8.847678	24.73576	10.4869	22.39942	26.07451	33.87601	19.7715	14.05923	35.52135	43.57431	7.799519	NA	6.645675	NA	22.19563	NA	17.13473	32.55113	35.84962	NA	21.43971	24.24502	10.34912	19.40477	10.58518
CUST_29099_PI429010886	N59200	0.000823	15	6						19.0691	11.85674	14.25137	23.70044	25.73345	47.79169	25.71973	39.91731	28.25834	27.64723	18.50437	26.09533	23.45771	20.41093	16.1997	11.76966	17.08729	24.4538	31.99517	16.92856	36.22069	24.0077	35.92679	31.03981	21.60941	25.92266	17.92835
CUST_30923_PI429010886	M229	0.000825	24	15			Protein metabolism	Proteolysis		1710.741	985.3973	1324.078	1977.124	1187.991	1084.753	1867.343	2351.436	1143.569	2571.52	3246.287	1134.542	1649.441	1972.844	2070.325	3368.325	3795.26	3046.724	2881.575	2482.039	1458.041	2227.948	2644.158	1816.167	1601.013	1576.033	2236.34
CUST_44201_PI429010886	M65242	0.000826	21	15						344.4277	267.2735	220.4437	326.3773	332.6812	321.0207	252.0041	254.5401	194.2325	215.9452	185.8695	240.0651	305.7949	286.7556	303.7719	395.3575	348.4628	380.124	271.7176	357.2936	288.1636	412.9301	270.4039	316.8471	315.9615	332.5951	258.602
CUST_3929_PI429010886	N15593	0.000828	21	6	442633892	CG7632, isoform B [Drosophila melanogaster] >gi|4			5.67E-17	12.00275	17.55722	9.09768	15.31913	11.5308	18.43075	25.95428	22.05258	22.88357	17.84023	16.83181	19.5882	21.54483	18.48864	17.35586	20.49048	4.905725	10.86396	9.238126	17.22069	NA	17.00167	5.721438	11.97085	17.83264	18.61312	14.17556
CUST_12822_PI429010886	N30108	0.000833	24	15	410509310	myosin heavy chain type 1 [Litopenaeus vannamei]	Metabolic process	Oxidation-reduction process	4.74E-56	56.48454	64.54153	88.10192	88.04251	76.21767	117.4608	84.10524	162.7985	103.3291	122.2898	90.96114	123.321	136.6832	126.9474	106.5084	142.1826	124.9549	135.8973	118.2591	107.4359	76.10603	144.4421	88.75833	112.4734	90.69277	81.13095	117.1213
CUST_21788_PI429010886	N45853	0.00084	18	3						10.6257	21.4795	11.09833	34.37569	15.38273	16.94046	22.12202	30.28193	21.28517	7.262826	6.637612	6.850987	6.230319	8.197045	10.51492	12.81767	11.07843	12.31301	11.73054	6.858047	16.23324	13.26879	19.67357	13.89803	11.22985	4.882948	14.67638
CUST_33654_PI429010886	M7523	0.000842	18	6						27.83815	21.34103	233.2127	24.38566	39.92228	45.32916	52.07596	259.0619	179.3477	168.4747	49.3195	48.49494	159.1708	449.2825	33.41929	25.86598	127.9469	40.58787	23.37682	30.44767	23.37424	46.61752	385.1644	50.6298	264.5866	59.0899	302.8326
CUST_13455_PI429010886	N31223	0.000842	18	0						283.5032	374.3698	296.7865	275.8944	263.345	291.5581	170.2053	220.8169	230.9612	277.7994	233.7572	324.1237	226.8346	267.5678	259.9314	276.2557	269.7173	285.1566	282.5938	327.535	255.1996	314.9323	260.1385	259.9114	273.6903	221.9188	242.8547
CUST_23749_PI429010886	N49395	0.000843	18	15						106.2858	65.21686	88.30586	84.30944	117.0501	100.0618	66.78979	70.90857	48.22578	80.08977	70.3852	62.69277	89.19702	78.37536	76.24971	94.72175	133.7601	97.87109	115.8883	67.08317	92.50739	77.7529	88.41726	89.32488	72.79951	62.92532	65.6996
CUST_30192_PI429010886	N61356	0.000852	15	12						7.686663	4.959572	12.91624	6.694465	4.43107	5.320278	5.011506	6.181821	12.72627	7.743875	6.781376	12.6532	15.39132	NA	24.57313	12.64236	8.903536	15.12815	NA	NA	NA	6.221936	14.06926	7.119665	9.445353	10.44922	15.33921
CUST_36391_PI429010886	M15789	0.000854	15	9						7737.591	20510.07	26037.41	2406.498	3172.097	1285.231	6225.291	34070.11	58209.54	43935.4	31492.49	44666.31	36174.65	63973.47	49654.41	30891.2	15389.68	12673.02	15353.74	35686.35	18694.18	49654.41	50235.79	3536.586	58209.54	39316.25	81423.55
CUST_15640_PI429010886	N34906	0.000854	15	3						72.72106	49.70586	76.30835	53.62183	101.8998	100.64	106.9318	46.96643	27.81399	39.33067	38.55767	20.17559	42.44777	55.4319	35.45118	32.52687	74.85405	56.40861	84.10524	40.1303	71.11204	36.29351	55.5381	55.68518	26.95815	40.98319	24.31347
CUST_393_PI429010886	N4805	0.000854	15	9	225712016	Cuticle protein 6 [Lepeophtheirus salmonis]			1.35E-19	1623.132	2067.695	7764.128	381.2578	407.8386	101.2666	1958.473	8304.282	10777.69	9839.748	3756.632	9670.846	7273.892	16156.64	8686.323	6577.842	3352.836	1760.95	4025.068	6160.933	4690.442	15221.8	7920.23	502.6158	18962.11	7901.818	18865.02
CUST_37224_PI429010886	M18269	0.000856	24	12	242005220	Calumenin precursor, putative [Pediculus humanus			4.36E-62	22.59879	13.42877	11.80651	11.64631	27.75759	14.79313	15.7577	20.71154	24.42322	20.00906	14.08001	27.13598	25.8552	84.59116	22.51476	26.99397	15.79313	31.35806	18.21981	19.51092	18.63533	17.20395	10.28317	15.87123	9.315276	11.6754	13.64087
CUST_34852_PI429010886	M10889	0.000858	21	18						36.07274	31.39141	12.69853	28.08839	52.81394	39.12009	11.33971	16.55564	21.02441	43.02039	26.0691	16.04975	24.03757	27.39302	22.06161	50.12589	29.78998	45.17801	46.94189	88.3275	33.1299	34.18999	35.42916	NA	29.68582	25.9871	25.07182
CUST_38793_PI429010886	M30512	0.000861	15	9						15.80722	7.631181	10.12281	8.761286	4.83618	11.42664	9.029764	6.364227	7.64912	49.04708	13.38206	18.21981	13.06814	13.31366	13.54942	13.00717	6.130259	NA	11.63036	7.441066	8.692145	11.78251	NA	NA	NA	14.10338	24.26769
CUST_39178_PI429010886	M35693	0.000863	21	3						9.834889	13.54646	9.140795	15.67634	14.98523	23.5201	8.12515	10.13796	13.6708	8.203406	6.791617	13.67211	6.692384	9.632488	10.82471	9.269541	8.832139	8.688469	7.882812	12.07791	16.24815	11.50536	19.13431	12.31888	23.14834	10.36906	23.08011
CUST_51758_PI429010886	M94914	0.000864	15	9	442769035	glycosyl-phosphatidylinositol-linked carbonic anhyd	Metabolic process	Nitrogen compound metabolic process	3.23E-13	100.2082	106.5844	346.5286	34.21339	65.36594	36.90877	202.6087	236.4903	162.1787	389.6265	247.3742	204.946	145.4206	347.2399	139.6803	48.02842	152.5175	70.93175	156.9838	109.1296	116.3712	185.4691	411.6609	34.87758	400.4224	164.6258	339.8212
CUST_2729_PI429010886	N12995	0.000864	15	0	321455420	hypothetical protein DAPPUDRAFT_218978 [Daphn	Metabolic process	Carbohydrate metabolic process	4.97E-96	1659.051	2128.599	2013.592	1122.467	1692.652	2001.122	778.8569	444.0863	860.5065	1321.214	1978.873	2120.568	483.2456	1435.814	1287.066	2390.205	1467.042	2232.866	1247.588	1989.387	1569.266	1515.268	1076.18	1113.282	1472.13	1281.141	1663.063
CUST_8211_PI429010886	N22717	0.000864	15	12	321455306	hypothetical protein DAPPUDRAFT_332203 [Daphn	Metabolic process	Nucleobase-containing compound metabolic process	4.27E-67	36.19062	50.18617	29.42815	20.81747	33.99233	27.9603	20.63276	38.92288	28.71654	44.25502	53.01853	48.68836	63.23408	60.56579	55.57729	61.04516	31.96745	31.71188	31.08214	59.46444	31.51891	38.19149	32.52286	34.26964	69.35049	37.54361	38.56828
CUST_45794_PI429010886	M70313	0.000865	18	3						11.81158	11.55683	19.40477	19.86843	36.5984	34.16228	17.87274	8.904805	14.04228	12.65013	7.376677	NA	5.095792	11.89186	7.220984	22.0851	9.482226	20.07855	18.08249	5.223476	13.45433	32.44398	NA	17.60432	12.24194	9.675354	15.44955
CUST_26542_PI429010886	N54422	0.000871	24	15						35.02024	27.19369	24.45097	23.59619	33.27151	22.0325	22.41298	22.80223	27.22941	31.35346	26.69563	33.79348	27.92065	46.57205	31.48445	39.19727	34.00967	47.51073	36.96378	23.50904	37.39122	35.92246	31.99053	37.02134	31.03981	26.0056	38.88089
CUST_39532_PI429010886	M40884	0.000871	18	9						546.2052	497.3582	603.4589	408.0489	605.8766	500.2189	593.331	713.4223	1538.611	1301.471	741.9924	797.3133	544.5308	1335.109	780.6851	1669.785	862.6591	1038.465	641.3583	756.4835	875.295	448.5246	476.5945	411.957	3295.06	609.0182	2253.027
CUST_35186_PI429010886	M11829	0.000872	18	0						440.5078	273.733	448.0873	387.779	345.3079	352.0546	314.3091	303.9241	256.7514	348.4628	261.7284	322.593	247.0492	296.7865	314.3652	846.4177	340.1906	357.4809	468.9522	402.9446	435.5217	428.5138	354.5586	348.2614	427.2547	305.3469	303.3749
CUST_15084_PI429010886	N33979	0.000883	15	9	242007206	conserved hypothetical protein [Pediculus humanus			3.16E-13	13.67691	7.497984	25.09429	NA	11.9014	5.87006	NA	8.045043	7.451482	15.9244	20.96353	15.25233	13.33763	10.49992	10.01513	NA	12.12113	5.173365	7.105175	6.062184	7.934263	9.931851	9.128153	NA	14.26904	15.43461	18.18793
CUST_56713_PI429010886	M114496	0.000884	15	9						42.34172	59.93656	79.06168	37.73221	36.22069	41.55928	59.31402	53.44719	73.49284	63.25496	60.41993	66.79779	49.47977	65.82296	48.86699	60.13681	43.83694	48.15042	48.78129	56.07148	46.05816	70.82822	87.54624	44.75473	89.73481	56.64713	99.86709
CUST_6014_PI429010886	N19508	0.000886	18	0						331.4917	393.3268	423.679	291.4361	247.7341	329.0332	200.5001	302.3102	252.8872	391.5964	272.9055	330.6772	227.225	381.498	280.8839	310.2726	338.0611	244.5361	375.6905	355.5348	407.2671	310.1413	343.4753	229.6568	326.3773	239.3095	227.4855
CUST_17726_PI429010886	N38485	0.000893	12	9	321455725	enhancer of split mgamma protein-like protein [Dap	Nucleic acid metabolism	Regulation of gene expression	3.28E-42	33.59506	54.6811	58.40039	29.93503	25.14839	18.67864	33.24975	49.62512	44.59476	78.17016	56.03701	75.7296	40.2482	45.33363	35.7636	33.6052	36.3262	29.48277	56.95101	71.10646	53.47899	69.45519	56.01567	32.30965	62.31885	75.2717	66.83042
CUST_32384_PI429010886	M3981	0.000894	21	9	91086121	PREDICTED: similar to adenine phosphoribosyltrans	Metabolic process	Nucleobase-containing compound metabolic process	5.42E-47	25.5315	65.08	20.06593	49.09733	58.49978	12.31007	50.47418	119.0689	98.38324	87.53485	80.95222	101.187	89.95558	44.27668	71.2117	44.6585	85.38257	62.583	49.18958	141.2095	69.72451	6.900525	32.19156	30.03204	52.34805	50.70831	59.50688
CUST_28215_PI429010886	N57529	0.000895	21	0						23.3505	26.25702	27.91811	26.08148	18.38957	26.48449	9.300708	14.67882	12.30062	14.76794	15.48498	20.71004	9.497582	20.37942	14.09753	7.605624	45.88881	21.0027	19.78047	14.20169	20.8155	22.26173	34.06396	26.17436	14.86396	16.62231	13.66936
CUST_47909_PI429010886	M78127	0.000897	15	3						48.2481	NA	46.4361	167.2554	65.99744	213.9895	80.53149	20.90912	7.208745	3.869762	116.4359	16.90108	14.40546	12.62537	12.1266	22.62556	179.678	65.42078	111.4592	NA	190.6724	11.9801	89.66356	115.7448	NA	12.16205	3.788515
CUST_26891_PI429010886	N55073	0.000899	24	0	332025325	Neurobeachin [Acromyrmex echinatior]			6.78E-48	10.36474	11.56285	9.268485	8.510732	13.72174	8.954946	15.86046	NA	9.914777	8.877949	6.987277	9.549172	5.901635	NA	5.899189	14.63359	7.232248	7.979138	8.982813	8.789967	8.108101	9.592481	15.95534	8.789967	16.89118	16.83941	9.268485
CUST_41066_PI429010886	M56797	0.000905	15	9						57.48318	58.87201	66.03995	37.62657	43.15798	42.63354	44.70933	66.12938	78.58831	70.108	65.31258	79.19112	60.28718	71.78694	64.77801	62.60675	81.03057	51.79552	52.46279	62.74069	62.95412	84.14675	89.02227	49.93531	123.5891	69.28034	92.24128
CUST_26722_PI429010886	N54764	0.000911	12	0						24.11784	24.17719	37.91131	7.255725	19.62917	17.06111	8.997185	14.04066	17.94517	14.46988	17.63842	20.21835	27.1975	16.19477	24.5797	19.31282	18.57693	16.90254	19.0657	7.917706	14.11638	15.59858	19.02231	17.31897	23.14292	21.70044	17.04861
CUST_51566_PI429010886	M94008	0.000911	12	0	546680489	hypothetical protein D910_08102 [Dendroctonus p	Metabolic process	Lipid metabolic process	2.62E-07	11.81299	11.48488	21.2067	5.523184	4.848232	NA	7.648203	5.318672	3.815707	19.62917	11.2915	NA	9.255767	11.49531	9.140795	9.165228	10.06452	16.22239	5.500018	5.654986	8.083245	11.05702	11.42007	9.005077	32.59218	9.416182	26.2903
CUST_52378_PI429010886	M97235	0.000915	15	9						65.53578	74.88	65.03693	57.75281	62.83869	56.28307	56.70973	52.56971	70.46616	78.61543	68.61072	92.04256	60.31958	75.70522	80.94247	62.90962	60.66262	91.90962	59.72331	61.42421	61.28097	89.73481	62.76241	63.32035	91.45169	81.37626	71.30124
CUST_24027_PI429010886	N49895	0.000915	12	3						11.70432	15.51946	NA	182.747	30.68445	154.6176	43.64196	NA	42.53656	3.444096	3.880834	NA	13.37036	3.46548	13.14309	17.33333	117.6403	103.8205	19.98856	32.91963	4.992877	7.838281	NA	17.52398	12.52222	17.07599	5.116273
CUST_3122_PI429010886	N13839	0.000916	21	18	291226599	PREDICTED: thioredoxin 2-like isoform 1 [Saccoglos	Metabolic process	Oxidation-reduction process	6.15E-30	349.0566	397.5988	306.6802	319.6424	320.1082	290.7849	300.0118	277.125	282.8614	414.6925	301.0265	339.3609	292.7654	313.6967	305.9118	472.997	317.0842	394.6245	369.7785	388.2685	335.0674	541.4466	328.0426	388.0401	308.7717	231.0649	324.5803
CUST_13297_PI429010886	N30935	0.000921	12	0						19.97907	28.17746	22.82168	17.81187	25.24216	17.74547	17.35176	14.79313	8.943967	22.90261	15.99975	22.92529	22.46932	25.29876	23.06645	20.98763	18.4393	19.13174	31.39141	15.44039	10.25766	22.06161	18.10904	22.81381	25.76975	27.18447	21.58196
CUST_13281_PI429010886	N30906	0.000922	21	0	443693165	hypothetical protein CAPTEDRAFT_178555 [Capitell			4.16E-14	60.26917	43.44238	95.66411	45.41664	49.92642	47.37598	39.72839	56.95101	37.63001	55.5206	40.97837	39.63814	36.19462	33.41607	43.90905	46.6	35.74774	39.21347	39.4307	30.88587	59.6278	50.5231	62.88366	72.44795	40.63765	51.57463	69.216
CUST_9279_PI429010886	N24362	0.000923	15	12	260813382	hypothetical protein BRAFLDRAFT_243962 [Branchi			1.95E-19	27.53031	27.54647	20.47372	13.72842	14.34109	23.87529	15.05605	16.77607	24.5371	19.98178	21.7873	44.92099	28.46803	25.99299	30.41942	28.41001	22.22394	16.35532	5.747087	21.27634	18.7688	17.79725	20.208	14.2605	27.14607	20.02214	26.58817
CUST_50889_PI429010886	M91355	0.000924	18	9						4.578992	7.661152	8.585014	8.883037	18.19204	15.32123	33.81235	55.78991	34.42762	61.18601	9.905555	NA	59.56411	50.46214	32.30965	5.17051	44.87166	11.04906	5.853359	9.733637	NA	38.53317	52.43379	NA	39.58144	19.89653	42.05465
CUST_29821_PI429010886	N60631	0.000925	24	0						76.24971	73.12656	78.9119	66.67878	68.5761	64.52054	52.40185	71.26057	72.4241	56.25359	69.24723	76.32596	45.65065	50.60456	66.37222	70.30533	69.88371	78.17016	70.04597	64.69663	62.44095	87.67204	68.69041	79.27531	94.85349	73.61433	133.9495
CUST_24419_PI429010886	N50592	0.000928	24	21						18.92827	26.77939	31.51141	16.95326	19.5413	30.85032	16.45281	17.5765	16.79903	21.5046	8.468531	23.76908	10.54091	15.17526	15.03227	35.84962	14.35201	32.49365	20.67135	18.28609	11.37559	39.84647	31.13099	30.94122	33.08815	20.65497	21.9738
CUST_43479_PI429010886	M63155	0.000933	24	12						5.710989	5.710989	10.06452	10.2558	6.376695	NA	4.4993	6.98368	13.2704	9.126873	9.695604	NA	20.85646	26.31693	34.49254	17.14965	13.28601	16.87203	8.55086	11.98592	NA	15.40925	16.72767	NA	11.678	NA	NA
CUST_6387_PI429010886	N20036	0.000935	15	12	321460734	hypothetical protein DAPPUDRAFT_308742 [Daphn	Protein metabolism	Cellular protein modification process	5.94E-75	27.45566	40.42484	39.14912	19.3658	29.8311	17.13072	26.26527	41.31796	51.0829	46.21511	39.65895	51.15134	33.39553	54.48925	56.48952	40.1303	41.42564	43.27701	36.06929	37.90169	35.67442	43.99167	44.85517	32.96039	52.93292	38.723	45.53479
CUST_8774_PI429010886	N23566	0.000935	15	12						22.63948	24.42322	24.35681	20.00677	15.99431	16.37668	14.8771	20.76696	27.78422	24.08352	20.71812	23.77956	31.47236	38.49034	35.11564	41.8722	18.47667	28.86203	23.27419	18.75687	15.37156	31.0493	28.34245	11.94121	33.33635	19.83086	28.45154
CUST_30169_PI429010886	N61314	0.000936	21	3						15.67217	38.2551	14.29518	70.42582	27.14357	32.48228	11.23137	14.68799	9.925474	16.8666	6.548124	26.80106	9.512792	5.265199	4.308429	13.96684	NA	18.6374	7.109363	7.319054	37.54698	11.78894	37.65143	23.1151	27.4471	16.46028	20.37797
CUST_18473_PI429010886	N39863	0.000938	24	3						26.9152	39.46953	NA	177.2148	82.17099	231.5437	53.97066	143.7864	16.80437	NA	33.29463	NA	29.25886	8.912458	21.78224	13.54322	37.84181	44.30287	3.811422	3.824513	22.30707	7.050922	14.76465	61.07112	4.024879	27.00493	NA
CUST_14234_PI429010886	N32543	0.000944	18	15						63.747	61.53357	55.23983	43.25525	48.16109	36.31145	49.28963	45.97157	47.3396	59.13459	48.61666	49.998	54.64962	68.26569	59.3952	69.89082	45.58039	68.38203	65.22887	66.5854	55.17531	53.70396	41.61311	35.56458	69.99368	39.88324	58.63339
CUST_29877_PI429010886	N60738	0.000945	15	0						18.87506	30.77501	11.71083	11.92505	13.91626	18.08701	11.40993	6.889529	14.11311	13.23813	8.871706	7.602225	7.664993	10.73752	13.04571	16.80263	19.24611	19.82458	20.13934	15.25738	NA	19.75734	10.22324	18.40021	10.26272	11.30787	6.814705
CUST_1087_PI429010886	N8450	0.000946	15	3	241151593	calcineurin B, putative [Ixodes scapularis] >gi|2154	Metabolic process	Oxidation-reduction process	6.03E-64	316.122	191.3918	180.8735	442.852	343.3378	645.2555	313.2163	322.1425	204.5562	196.7297	268.2743	207.5377	222.5361	166.7311	192.0579	205.0447	547.465	339.3078	285.9546	260.7005	354.6967	292.6509	251.4731	439.0329	210.9764	292.0038	221.6212
CUST_54626_PI429010886	M106917	0.000948	18	12						248.0331	228.7951	283.5419	143.5925	202.4642	186.1374	172.7143	198.2503	217.9121	316.122	252.5773	295.6383	236.8954	306.479	319.4017	318.3844	221.2763	254.6874	235.1413	271.8631	191.2652	263.7999	202.9438	175.4567	240.1758	214.8393	245.0768
CUST_51141_PI429010886	M92344	0.000948	18	12						25.29061	17.06824	31.54453	8.469456	23.86522	19.51691	31.99053	17.20395	28.16847	24.37441	24.29748	37.52322	28.94552	30.45321	31.42645	28.90658	29.76585	25.38172	44.29926	20.62307	21.87774	16.39729	22.53631	15.05158	25.5782	13.85312	23.5177
CUST_14632_PI429010886	N33205	0.000948	12	0						326.9265	255.0348	437.2736	196.8321	163.1844	211.6792	233.2471	294.2267	410.8257	371.054	214.1723	312.4226	364.0324	632.2521	349.238	269.6735	250.2094	261.4696	248.2927	291.4361	264.7951	350.912	365.9198	256.333	447.6451	323.2711	459.1503
CUST_14600_PI429010886	N33152	0.000959	24	18	242006716	conserved hypothetical protein [Pediculus humanus	Transport	Protein transport	8.17E-49	29.71613	29.70687	32.02169	25.46966	21.4795	30.61606	29.60636	16.55113	30.55547	32.14525	35.72502	30.06057	30.31987	23.17075	39.59389	41.59799	36.03165	40.1147	73.95574	39.7396	62.99752	36.74882	24.49848	27.76975	44.44423	19.32948	30.85363
CUST_40077_PI429010886	M49819	0.000968	24	21						82.1182	237.4703	196.7297	149.5758	56.46018	25.82998	32.02557	7.650264	25.88533	67.9344	87.48439	113.2396	488.3379	144.5473	198.3716	203.6364	NA	135.074	272.8585	100.336	252.8082	257.0386	493.5731	66.18886	453.5801	70.90194	329.6909
CUST_15636_PI429010886	N34896	0.000969	15	0						12.53922	14.6922	18.09635	9.060793	20.02885	NA	15.17161	5.807692	10.7039	7.578825	4.581089	6.807158	14.1448	NA	10.33003	15.28371	15.54049	20.33623	7.503213	16.51414	11.19204	17.66078	13.36864	NA	5.102168	7.584705	9.893302
CUST_8062_PI429010886	N22483	0.000969	18	9						134.9686	130.3926	145.0185	101.4497	136.1436	147.5412	155.8377	154.4419	185.1977	161.2244	159.4512	195.8687	116.3563	168.8426	140.5991	130.6959	164.9826	154.5009	131.0289	127.3882	147.0578	157.1911	149.8948	160.8926	164.3967	148.6082	189.7994
CUST_7539_PI429010886	N21698	0.00097	15	12						18.66797	17.31011	22.10673	19.46833	21.87979	14.52959	12.09545	12.71188	6.798747	16.96557	10.29246	22.87323	24.78255	21.87083	29.36585	25.20311	20.92458	13.5981	24.91723	24.71814	8.07058	13.4766	12.24024	7.213856	23.12065	12.6487	26.60971
CUST_1004_PI429010886	N8185	0.000973	12	0	321475177	hypothetical protein DAPPUDRAFT_97958 [Daphnia			4.23E-20	184.8973	186.7544	225.0823	124.1661	155.2361	140.4751	184.0345	175.5504	168.2432	236.6472	206.6992	233.9751	176.885	268.2351	207.1617	178.3288	185.5593	163.329	184.6775	233.3626	182.0796	184.2307	212.9853	200.6114	246.4698	199.5128	277.4454
CUST_31223_PI429010886	M1011	0.000974	21	9	126635325	luciferase [Photinus pyralis]	Metabolic process	Other	7.33E-55	44.21249	67.48171	40.22531	60.26917	73.86349	49.89799	74.48926	195.1585	107.0545	102.1333	87.31709	109.6371	96.41487	66.78979	71.81768	45.51068	80.31713	42.05204	59.66164	250.8965	152.6964	40.57981	57.86313	49.68201	70.39937	70.84411	144.2774
CUST_17872_PI429010886	N38747	0.000981	15	12						119.1955	135.5237	159.3655	67.59725	118.3632	71.83386	110.9726	112.7335	135.8973	177.5136	134.5558	127.6283	234.443	160.778	207.5377	148.08	100.0618	133.8452	97.56553	135.1969	151.3078	156.213	129.5087	128.1595	128.3042	137.759	168.4504
CUST_6787_PI429010886	N20602	0.000982	18	9						290.2221	279.6215	341.3294	264.9674	364.475	245.0284	255.7416	724.3304	580.0174	369.6879	671.7237	675.3956	498.6758	325.619	415.6575	407.8386	456.9093	372.9677	295.5774	600.2864	434.4861	317.7577	286.3672	187.6525	330.527	298.5904	606.8516
CUST_33636_PI429010886	M7482	0.000984	12	0						1963.68	5013.208	3911.313	199.3801	1325.963	145.4402	1187.094	2809.847	2545.683	4399.213	1756.971	3769.878	3821.032	4672.866	2970.275	3526.312	1281.141	1284.158	2271.87	3590.082	2675.265	2437.103	3676.785	299.3397	5176.163	3526.312	5774.702
CUST_43192_PI429010886	M62366	0.000985	21	12						15.444	17.64462	9.103248	16.79285	15.71146	27.06658	49.52577	19.18101	28.94552	23.15839	25.91041	32.34301	20.93093	38.05463	39.94945	27.25936	22.48589	29.13814	23.80497	17.64462	29.26863	16.18253	14.3333	20.02647	22.46676	35.6576	35.15805
CUST_12213_PI429010886	N29112	0.000993	21	0	321459624	hypothetical protein DAPPUDRAFT_60952 [Daphnia	Transport	Ion transport	1.61E-29	10.97439	9.651747	10.82471	10.21233	7.507529	16.08632	11.22985	7.743875	8.100321	6.324533	6.915938	9.525782	3.734429	6.376695	6.788713	5.301637	5.087451	4.531506	4.206837	6.44346	9.145807	4.71937	9.871686	17.38288	6.668324	NA	9.001207
CUST_18828_PI429010886	N40488	0.000993	18	0						452.6313	773.1832	470.0153	368.9642	500.3626	460.255	373.7568	307.2905	448.9486	499.2279	460.0363	512.0216	318.7622	361.7651	285.0949	619.3802	447.4667	574.6243	509.603	730.0267	581.5974	631.1117	498.6758	581.1144	303.9241	123.1087	204.9184
CUST_21739_PI429010886	N45762	0.000993	15	12						282.9535	361.2261	575.8176	257.772	254.6455	247.961	238.2063	450.3936	508.3277	563.9632	278.2072	518.2235	392.0959	657.2757	456.2722	349.8347	315.1705	347.794	278.6632	347.8665	259.5794	404.5388	532.5435	272.9055	620.3013	325.7489	589.4448
CUST_23658_PI429010886	N49222	0.000995	21	3	189238830	PREDICTED: similar to CG11293 CG11293-PA [Tribol			1.41E-13	50.10243	88.30586	47.99919	160.8926	60.71887	101.0962	53.65679	56.62309	37.48716	39.78898	35.37524	47.09025	57.16741	43.92643	23.12065	45.77355	23.59336	56.91814	33.70683	36.94269	68.38918	65.16761	55.77862	75.12567	68.08199	80.5678	47.23018
CUST_53520_PI429010886	M102096	0.000995	18	15	321466278	notch 2 [Daphnia pulex]			1.17E-41	109.8291	104.4333	90.57431	129.8445	90.23885	155.4149	87.64594	85.59472	52.42987	75.4776	66.32011	76.12074	92.66541	131.4266	126.9474	161.4133	116.8757	144.6491	103.0385	156.3918	97.85969	155.1735	59.66164	148.7085	87.67204	78.41704	50.45103
CUST_51441_PI429010886	M93544	0.000996	21	0						22.66107	19.74119	24.7458	14.61766	14.23448	13.04046	18.93949	10.59651	13.28156	16.25929	10.93489	9.005077	11.98592	19.84686	17.16312	22.63948	20.30647	20.25261	10.91573	16.44885	14.26904	22.43497	19.92242	23.4104	16.17213	15.16642	12.84068
CUST_35794_PI429010886	M13532	0.000997	24	18						101.5014	63.94078	54.78436	64.29604	50.277	66.54333	49.18419	38.22142	49.05985	73.14043	53.35562	52.17339	44.1892	61.54664	59.6812	87.2868	64.41721	79.84151	77.36396	67.13373	92.56423	85.493	55.68518	55.61005	96.33377	52.12912	70.72361
CUST_16213_PI429010886	N35856	0.001	18	3						19.36095	9.635022	NA	22.1165	40.46037	27.40469	7.858321	16.71521	6.71361	22.87323	13.44859	7.809814	9.319645	11.24362	4.725076	16.41397	9.740573	10.47564	17.14965	13.36577	24.49848	20.09233	23.24391	15.00483	19.47912	9.025647	16.96853
CUST_18775_PI429010886	N40387	0.001003	21	0						25.35696	22.0504	14.36868	12.55922	15.52381	13.67523	11.1247	7.755082	7.216307	11.29768	9.676508	10.47429	17.34013	15.57429	6.105375	17.00755	14.1623	NA	15.31744	18.15598	9.352687	14.28677	18.36323	19.15208	20.32379	10.39161	14.59087
CUST_47894_PI429010886	M78070	0.001005	24	21						147.5068	148.1205	184.1431	108.5374	133.1717	132.0609	120.9878	122.1911	121.6208	142.2307	132.9281	147.4899	138.5998	185.3847	130.1016	140.7918	141.1309	171.1862	135.6184	156.1682	175.0831	147.8481	206.2132	156.6764	171.2071	161.5676	160.0108
CUST_28861_PI429010886	N58744	0.001005	24	21	443715571	hypothetical protein CAPTEDRAFT_158241 [Capitell			9.05E-08	49.56436	35.74194	44.7891	43.38432	24.44087	37.47945	40.63765	22.98966	31.81303	55.40965	64.04953	78.37536	51.5698	80.8031	48.69326	53.64846	54.56998	62.44095	47.02203	121.8737	75.3452	80.63947	97.13391	107.7242	57.8814	32.84186	43.93042
CUST_31765_PI429010886	M2349	0.001011	21	0						36.8424	48.08	44.64586	35.74774	30.3731	31.88591	24.25926	28.87134	18.42911	36.92111	13.63385	25.78299	6.978868	16.61483	11.42142	37.56417	22.2285	31.88231	16.58905	41.77517	29.09314	44.76277	26.62548	24.56057	25.05018	30.72781	33.68381
CUST_36992_PI429010886	M17480	0.001014	15	12						227.312	265.3147	281.0282	199.4211	206.2132	240.0651	197.2228	242.6123	257.3603	278.3016	256.6496	343.1257	264.269	353.0802	280.7168	307.9665	252.1679	260.7973	180.8997	280.4106	236.2907	277.4972	284.6976	252.0389	360.037	277.5533	328.1634
CUST_17978_PI429010886	N38938	0.001015	18	3						168.1071	199.7913	301.4214	203.8966	215.4319	248.7014	275.6931	135.3397	76.94138	80.75638	252.7637	157.8167	45.51822	60.94428	118.7356	137.8094	127.0219	100.2579	176.2225	82.10096	233.6069	136.2319	402.8509	424.7309	65.63314	183.8985	97.15481
CUST_18666_PI429010886	N40192	0.001025	24	0	133754273	inhibitor of apoptosis protein [Penaeus monodon]			5.25E-16	414.0246	415.4709	506.24	504.8164	352.3859	299.285	534.0061	315.7204	362.3529	419.3343	332.0008	391.5301	258.4027	294.3403	362.2892	353.689	244.2054	331.4379	354.3972	359.2285	430.3425	421.8908	344.7288	367.1896	437.7044	527.0813	424.6374
CUST_1688_PI429010886	N10444	0.001029	21	18						220.2915	215.8652	153.961	200.5357	174.5925	166.585	120.1371	145.9425	152.8418	178.1983	169.5063	223.676	189.5057	190.645	165.1872	207.8011	126.2324	193.4709	202.3705	343.9276	199.9465	259.2052	215.0865	186.0881	187.2169	136.2681	161.3046
CUST_38955_PI429010886	M32543	0.00103	15	3	33468738	calcification-associated peptide-1 [Procambarus cla			3E-19	482.976	33.07929	303.9813	29010.89	39067.89	41577.33	21514.91	9839.748	79.51299	21.91785	22231.21	5.901635	1123.855	25.8552	688.7233	7.897325	27524.03	20510.07	32962.39	NA	29010.89	21.49674	9697.645	12445.58	12.2288	14684.57	7.681885
CUST_11864_PI429010886	N28533	0.001031	24	21						94.34866	118.4488	122.84	71.00916	102.3344	121.284	69.06525	75.62563	79.92252	111.7487	83.80399	98.42661	73.803	107.7388	97.46537	129.7547	99.32217	101.187	99.2894	102.8784	116.5651	125.8931	122.949	107.8715	140.5892	102.1823	121.1456
CUST_4351_PI429010886	N16571	0.001032	18	3	152949487	calcification associated soluble matrix protein 2 [Pr			8.03E-17	307.6894	274.5343	339.3078	625.484	892.3589	1231.516	350.5238	197.989	187.9811	156.2777	103.0135	10.7321	425.8413	266.2431	277.0736	297.4174	272.1926	311.8796	367.8562	73.48596	82.72689	198.9264	641.887	645.5341	578.3985	237.1286	16.52754
CUST_42909_PI429010886	M61577	0.001036	15	0	242006996	conserved hypothetical protein [Pediculus humanus			1.45E-18	38.67242	31.75969	38.97496	15.31157	27.14824	38.62431	26.57549	20.95213	24.71814	38.05769	24.71374	30.58787	27.72618	31.721	29.63867	43.65882	48.62912	42.17788	35.95337	36.82429	29.13595	38.49034	25.88998	17.40769	40.85856	21.18145	37.6674
CUST_2378_PI429010886	N12221	0.001038	21	12						17.31897	14.41938	18.71899	17.59799	29.3424	18.61046	12.40087	32.19497	29.9971	24.4665	22.1415	30.15316	26.14767	31.11066	23.60773	25.12574	30.86679	26.26013	25.05128	17.50362	23.01368	16.8263	19.22658	21.97651	21.99145	14.63359	22.23059
CUST_36435_PI429010886	M15885	0.001039	21	3						227.6752	243.8028	314.3091	304.9967	287.1125	365.6206	266.3801	317.9044	267.5328	258.7295	294.0478	412.9301	271.4917	285.6495	286.2536	57.17501	275.3091	187.9002	247.6825	301.1632	208.2464	273.7876	269.8655	234.8913	359.9556	343.9276	343.3863
CUST_43359_PI429010886	M62828	0.001041	18	12						47.12699	36.77765	43.46213	35.31845	40.44483	23.58866	33.13396	64.16127	45.08069	36.97227	40.9233	67.89962	65.22254	75.14455	47.04186	64.50028	39.46953	49.40423	78.22974	45.09974	52.17339	38.63168	37.83427	22.24949	55.44777	47.88942	44.13738
CUST_17929_PI429010886	N38851	0.001051	12	3						51.78005	35.04514	37.61547	109.1135	55.20237	69.22629	61.14077	37.75935	34.67799	56.44254	42.33801	28.09705	39.11234	29.81183	50.71291	55.784	70.6776	54.08762	78.00387	53.48278	40.41641	37.55188	48.87835	31.0625	29.02946	26.0929	32.69544
CUST_17339_PI429010886	N37797	0.001058	24	21	270012294	hypothetical protein TcasGA2_TC006417 [Tribolium			2.36E-08	31.98439	31.38593	48.12746	25.88326	24.34006	32.58962	27.66265	26.89381	33.17839	30.78076	29.99067	29.5457	29.97696	43.70884	32.16411	44.40996	29.78164	35.32273	36.62775	33.38822	32.61875	48.17972	47.40597	39.16114	51.43692	33.51061	37.73674
CUST_24871_PI429010886	N51393	0.001058	24	21						28.81481	29.28006	25.20056	21.89788	24.39107	22.52377	20.30155	19.11687	24.23314	43.44584	16.75535	20.46326	29.91175	28.09932	25.55814	30.52691	21.75697	24.45953	27.61589	22.16055	28.03356	37.21745	34.05249	49.37485	34.23165	20.72467	33.55523
CUST_28798_PI429010886	N58638	0.001058	24	21						36.01332	24.6789	30.71209	4.142037	33.56673	25.52007	18.74405	16.44239	27.72317	30.23517	27.50907	36.45907	11.76966	41.52389	16.6126	31.16892	41.74772	27.12757	42.65591	27.09726	49.69905	49.18958	41.7589	46.2898	35.77964	43.41776	29.90756
CUST_16803_PI429010886	N36896	0.001063	24	0						283.2818	318.5103	295.1449	203.9899	303.7146	260.7973	259.5794	245.6075	207.6805	219.0379	252.4954	243.9881	230.6259	287.9804	253.9783	312.5863	234.555	226.242	373.826	270.5782	315.5114	460.7596	251.4349	326.0904	427.7928	339.7564	412.3362
CUST_22263_PI429010886	N46711	0.001075	21	3						62.90335	79.11601	69.96115	134.3348	99.79034	96.94108	63.06213	58.23835	66.33339	65.79499	63.75313	50.4975	55.00033	68.761	45.96465	53.27432	63.8461	78.69319	70.32547	46.23463	95.01446	57.664	121.0216	70.96221	83.41229	94.53569	69.4087
CUST_16401_PI429010886	N36163	0.001078	21	3						33.8279	40.78034	27.58029	44.41428	19.80135	36.30688	33.03027	33.29815	30.79653	31.34117	26.54351	30.66462	23.55513	31.53112	18.35581	33.48853	17.25469	23.52815	26.77723	31.13642	34.02396	30.52691	43.97432	34.89935	38.41593	44.22632	40.56586
CUST_40769_PI429010886	M56047	0.001079	18	3						39.93998	38.81815	NA	88.87538	41.42564	59.59632	87.22914	14.76465	62.76241	14.5219	9.104602	13.57374	18.88563	19.68008	36.96378	31.51484	NA	22.092	14.89445	15.60189	11.00334	78.37536	176.8527	72.49088	236.1561	44.84606	11.05263
CUST_9892_PI429010886	N25364	0.001086	18	3						5.555758	NA	NA	34.14111	7.3208	11.68092	7.755082	5.105169	4.799209	3.710121	4.192601	NA	4.929948	7.258252	NA	6.431841	5.015188	4.859225	5.770518	4.5493	15.15241	NA	15.78045	25.88089	12.83593	12.11676	NA
CUST_21668_PI429010886	N45623	0.001088	18	3						69.23488	162.98	67.79099	257.6478	99.6429	175.7224	81.11384	70.94036	62.56969	54.23711	37.94143	99.82512	58.90324	56.8218	51.80926	90.26625	31.53429	51.99458	23.72419	62.31885	93.6434	83.58732	103.1588	101.4752	94.00857	195.0326	42.42919
CUST_8466_PI429010886	N23082	0.00109	24	15						174.9558	210.6402	151.0563	151.0154	148.3091	156.6593	141.0258	145.7727	131.1802	184.0607	166.4887	198.3716	139.419	166.7787	203.6001	225.7224	180.2584	210.5891	182.3936	213.6068	180.4919	206.9847	174.2228	193.2088	218.4011	180.9317	189.4251
CUST_7075_PI429010886	N21003	0.001091	15	0						103.2289	248.5464	149.2244	108.2888	126.8537	212.2832	53.64297	46.19956	60.76524	102.3756	119.4425	112.9777	27.24907	79.07032	76.62236	118.1115	133.8595	179.9528	102.3423	120.4034	102.7139	101.1328	79.94364	77.10171	118.2899	102.9808	102.3344
CUST_42404_PI429010886	M60197	0.001092	24	0	371591197	Euphausia superba voucher 841M mitochondrion, p	Transport	Ion transport	2E-118	706.1971	1218.367	739.8087	624.8531	222.6599	693.5345	683.1376	974.6113	449.0628	810.9217	621.5625	306.3264	92.53187	868.0572	551.3995	11.80005	568.2036	159.741	368.494	845.457	364.2987	1012.109	322.9274	585.0822	1136.377	976.6512	950.2628
CUST_38642_PI429010886	M28779	0.001093	24	12						47.38756	24.44489	NA	23.08457	26.58995	54.64962	38.43703	41.80808	58.02431	237.1286	76.07191	91.83515	NA	591.7087	256.3774	125.8442	NA	111.6027	61.49124	81.82955	134.3671	78.17016	81.07113	198.0922	123.3865	111.1358	160.2968
CUST_14826_PI429010886	N33533	0.001096	12	3						27.52478	888.7344	21.73902	86.31209	4001.148	4001.148	1460.496	NA	1351.741	5.679797	6.698064	NA	234.0614	660.3398	341.5068	8138.075	NA	4432.801	12.83923	NA	10.59173	31.25182	12.87509	70.31729	302.3576	25.92862	NA
CUST_46329_PI429010886	M72238	0.001098	21	3						8.255312	24.71578	13.53805	41.28609	13.97054	30.68719	13.7828	11.83103	14.41094	6.740179	3.888564	23.42758	6.55575	13.67211	3.916081	4.999323	5.398604	NA	3.682229	5.770518	26.61953	13.43544	41.52003	17.71088	13.91309	113.3918	15.14528
CUST_1013_PI429010886	N8220	0.001102	24	21						12.45327	12.33822	NA	7.137459	7.699213	3.735274	3.748106	8.098026	4.223313	11.18709	7.804985	6.843848	13.52517	9.989923	9.95062	14.25924	10.66649	18.99531	7.662248	15.19655	6.703633	14.19691	15.08577	16.93182	15.36816	9.125404	10.76236
CUST_39701_PI429010886	M43090	0.001103	18	12						3988.418	6654.81	5927.379	2379.147	4680.081	3785.297	4851.309	4208.899	5188.094	9950.402	4235.531	5948.096	5794.422	7450.764	7930.333	8313.066	4887.374	7605.917	4842.442	6587.101	5201.099	6941.938	3306.501	3929.651	7119.249	4769.116	6289.971
CUST_36652_PI429010886	M16457	0.001105	15	0						24.26504	28.8964	23.43812	20.37597	14.59908	14.45246	20.10077	15.88827	10.6935	19.26616	21.93695	25.00056	17.33696	19.05757	20.42948	29.20693	25.27468	30.11515	25.9425	14.93407	23.51614	18.69291	18.99531	14.56343	26.43705	22.31737	22.03029
CUST_2826_PI429010886	N13190	0.001105	15	0						1794.046	1474.289	1503.323	1261.41	1414.097	1751.759	645.4311	473.1073	635.0709	1172.181	1525.167	1321.79	307.8404	1165.381	795.552	1876.716	1476.818	1717.641	921.6949	2417.914	1194.442	1395.696	795.358	744.0064	1122.959	1073.06	1074.496
CUST_4608_PI429010886	N17124	0.001105	21	15						1172.181	905.268	1025.618	754.5887	466.4129	730.4799	1569.952	747.4574	907.1459	2016.816	974.3808	973.9722	1461.256	1036.891	696.7816	3132.563	1998.595	1004.403	2032.79	1268.323	884.0735	1041.277	1155.257	881.8414	815.8741	698.4337	1071.809
CUST_20135_PI429010886	N42869	0.001108	18	9						174.8316	209.5944	237.4703	125.2116	139.545	130.4232	159.9242	177.8158	181.2412	230.8944	209.7628	227.2732	127.5003	199.9465	198.1505	221.5477	149.0785	184.7219	149.0336	214.7012	156.7058	172.7709	143.8832	132.3396	204.2578	231.7343	190.2377
CUST_45383_PI429010886	M68930	0.001114	15	12						48.77148	41.36452	56.89861	39.4307	49.94515	32.10055	49.998	51.82417	74.79904	75.30403	47.09025	60.13681	56.87504	77.15161	61.64915	56.45424	45.86806	60.00971	38.17289	50.61028	43.439	75.13415	47.24387	43.13359	58.55654	58.56187	60.46074
CUST_11457_PI429010886	N27842	0.001115	24	12	321470018	hypothetical protein DAPPUDRAFT_303750 [Daphn			4.05E-41	21.61291	15.34846	14.36708	11.17946	17.35586	10.71996	19.83251	23.77465	15.38675	23.98555	19.70849	25.04386	27.65747	29.27092	28.25408	27.22266	20.95946	15.45319	21.79167	21.38369	30.17589	26.93068	17.57463	25.52353	27.36205	20.33392	25.37243
CUST_40969_PI429010886	M56511	0.001118	15	9	321479500	hypothetical protein DAPPUDRAFT_39582 [Daphnia			1.99E-27	94.70207	275.8443	240.3331	146.405	104.4835	42.51309	93.55006	213.8469	278.6632	600.5562	263.6263	406.415	388.5645	634.1523	342.3707	247.5005	104.1514	95.56359	142.1088	212.773	120.2042	324.9748	467.9877	60.73689	809.6878	215.4716	749.7018
CUST_47724_PI429010886	M77328	0.001119	15	9						72.3532	65.9084	104.4835	72.3404	76.20212	85.48477	71.47658	81.31771	87.96508	114.6944	89.47031	118.4299	91.33174	105.2191	79.03234	78.18464	73.42232	76.00655	72.53579	53.02384	85.10975	75.75327	82.95644	82.47663	103.0626	85.39372	112.064
CUST_12196_PI429010886	N29087	0.001119	21	0						15.71416	13.43914	12.16464	14.72238	9.265801	NA	9.989923	10.84532	6.540321	11.62614	6.911676	14.21644	6.783959	3.988949	6.792388	9.341797	NA	11.58371	8.919059	15.35382	10.55308	16.23324	27.27727	9.656691	10.89133	NA	11.41469
CUST_55390_PI429010886	M109888	0.001122	21	0						10.48086	21.97161	16.87557	12.91769	4.390237	NA	7.733411	9.901573	7.465747	9.085039	9.987338	7.431826	4.346071	9.96806	9.930283	12.22036	10.31326	NA	7.543719	10.26272	13.2544	12.49899	NA	10.93666	10.44922	10.44754	15.91598
CUST_29139_PI429010886	N59269	0.001126	24	18						62.25774	48.1847	73.74514	63.26276	53.50545	72.41676	48.1847	61.60388	56.37885	61.58977	54.12753	56.92511	55.91435	57.80685	77.01708	83.06954	64.16127	62.12557	74.23824	92.57501	84.27965	72.31183	68.92299	69.04216	82.67004	77.32264	76.11306

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_9352_PI429010886	N24480	0.001127	18	12			Transport	Protein transport		83.19226	93.82886	89.60537	119.9589	146.722	118.3064	158.4788	110.5811	134.9479	126.5253	156.3748	120.5115	172.054	132.5328	130.0689	223.7779	123.9578	169.2493	100.5297	109.399	89.58206	122.8574	94.10691	134.577	178.9173	118.4488	225.2614
CUST_9586_PI429010886	N24878	0.001128	24	0	543729426	PREDICTED: protein FAM86A [Columba livia]			8.67E-13	35.992	69.68816	37.50197	62.89021	24.94581	58.544	31.31664	19.70026	28.58747	30.73213	19.42289	53.62643	24.05603	32.75095	10.6654	20.70161	9.887988	33.3239	16.71353	29.11133	36.37581	24.69594	39.11234	33.01824	39.47357	57.03251	37.80277
CUST_13113_PI429010886	N30596	0.00113	15	12						45.7289	58.14864	57.76074	36.68252	34.50768	35.77964	38.04057	38.51713	42.46725	47.04186	44.04837	68.80103	61.39492	69.25418	64.41009	83.62457	47.2395	65.10535	43.13359	64.36368	32.15505	75.64933	40.50125	45.24787	64.20475	42.80624	66.5854
CUST_28312_PI429010886	N57708	0.001133	21	0	321469590	hypothetical protein DAPPUDRAFT_51329 [Daphnia	Developmental process	Multicellular organismal development	1.2E-20	21.44644	27.91811	26.4784	18.18555	11.2694	30.07342	14.15895	10.65864	13.50907	19.91752	17.86001	15.17526	8.426447	11.73596	21.44277	24.05603	14.40255	30.06426	14.02096	22.75684	16.24458	35.62064	25.39871	25.22969	16.64512	24.34524	13.64729
CUST_26155_PI429010886	N53764	0.001134	24	3						79.11601	210.7138	131.8938	344.24	155.1093	191.8245	117.1089	91.37896	110.5811	124.8573	57.37114	133.3139	70.57795	82.8076	75.97215	97.30444	36.33335	61.84039	46.04195	86.17533	177.7238	120.1692	195.5222	112.3919	165.3002	199.7685	74.08523
CUST_13927_PI429010886	N32029	0.001137	24	21						78.07189	71.84934	68.48249	65.03148	63.48536	84.65687	46.95662	63.6369	44.30287	48.34221	70.64745	91.86368	54.38941	59.00876	92.09827	80.79066	72.61909	90.6343	82.58698	60.89775	94.5785	78.75847	102.5545	97.84604	110.3138	115.7889	74.38643
CUST_41906_PI429010886	M58852	0.001139	15	9						66.18886	107.0816	135.4539	9.999252	29.62583	13.89365	47.04186	101.6806	196.8724	329.7729	165.8485	189.4567	259.439	150.5251	142.1633	193.4964	56.01567	58.98538	95.83965	357.356	97.46537	225.2988	199.7685	NA	503.9702	221.9563	442.852
CUST_30068_PI429010886	N61125	0.001144	12	0						136.597	136.8075	134.5271	122.2551	93.11072	136.9989	89.33478	92.20534	94.19343	113.6252	95.04998	133.2264	105.4104	136.1838	133.9706	136.5503	101.5961	141.3582	91.84392	133.6116	119.0071	138.1939	127.916	119.9416	186.3412	144.4224	173.9876
CUST_40566_PI429010886	M55477	0.001145	24	18						64.80696	133.987	98.28699	90.02313	74.73352	72.98413	31.08214	44.25982	52.60928	89.48953	95.25723	124.1278	80.86611	81.9929	113.5137	149.6657	82.44815	113.9031	118.0864	112.1531	156.4282	119.0883	89.08731	76.13058	85.23443	92.41138	149.0992
CUST_33904_PI429010886	M8197	0.001146	15	9						116.8603	71.97535	223.4939	34.09109	82.84904	55.78991	114.8668	206.3839	266.3801	235.6934	272.1926	439.2082	165.0319	625.484	330.3612	99.4422	275.5051	86.68692	182.2299	148.8262	128.1087	729.1026	222.7411	49.34012	509.8767	230.0814	516.0613
CUST_34943_PI429010886	M11135	0.001147	21	0						12.0298	28.48875	18.12711	NA	11.56997	26.8901	8.14453	10.88684	7.31497	9.796108	8.158718	6.256328	8.132198	12.84883	NA	NA	12.4383	7.657897	16.94759	9.946499	12.394	17.33078	22.06655	16.04761	11.9176	4.320994	NA
CUST_39028_PI429010886	M33635	0.001155	21	3	307197955	hypothetical protein EAI_12947 [Harpegnathos salt			7.02E-17	41.39686	19.08147	NA	71.81768	113.3684	122.5481	84.43869	69.63319	21.56454	NA	47.79729	NA	52.09002	14.68311	18.57889	14.18973	64.45839	64.26853	36.52603	6.048524	14.70767	17.99854	5.952327	54.53458	NA	71.91814	NA
CUST_12353_PI429010886	N29336	0.001157	18	0						145.4633	136.1838	169.4763	155.2787	123.2747	143.2115	126.8764	101.7455	136.7329	159.1135	71.83386	146.765	123.4738	170.8077	159.0362	144.3925	160.1366	150.6483	182.5915	151.9691	185.414	157.0892	126.405	134.2279	116.9236	102.8301	109.5513
CUST_13618_PI429010886	N31479	0.001159	18	12						38.80762	48.92098	51.97066	29.81837	33.26161	28.51242	35.9063	34.78102	31.68444	54.08177	23.95482	47.98542	47.96198	55.6932	64.66893	51.5698	47.62717	53.15159	32.48902	37.21745	34.92205	35.06362	36.01332	26.84868	59.41826	30.53983	62.07681
CUST_43907_PI429010886	M64303	0.00116	15	9						67.11047	147.0211	265.9049	26.87538	25.60131	4.898275	49.79836	340.5239	505.3693	280.165	210.3675	419.5293	322.9938	648.6302	408.5798	267.9382	134.1249	136.4108	111.0142	233.088	150.5899	502.1624	472.1948	27.9866	426.5023	420.1077	692.3236
CUST_28280_PI429010886	N57660	0.00116	15	9						33.19093	41.25188	34.32332	33.59767	17.77043	23.68272	33.68931	30.00897	52.34805	56.32248	40.71531	54.40089	41.91362	38.44815	49.48526	51.09668	35.62474	35.4058	51.28805	35.52135	33.7142	55.24489	41.94819	29.88865	71.94024	58.5117	47.99065
CUST_33205_PI429010886	M6266	0.001162	21	3						202.9774	220.0942	196.3252	221.425	299.9648	247.6825	223.377	187.3307	232.3859	272.4368	217.3065	252.9891	158.5869	212.7113	185.1977	197.0393	195.0054	184.6172	219.6868	184.1659	230.0814	209.9677	187.954	250.9292	239.7427	252.0389	245.1598
CUST_9153_PI429010886	N24146	0.001162	24	15						370.4877	341.396	373.896	181.6229	256.1518	346.965	228.3928	169.847	184.2011	350.6566	365.6765	342.3066	182.9909	296.0085	323.8952	372.2873	426.3841	387.1393	326.0904	391.5964	397.525	267.983	278.0457	378.1407	368.2489	355.6761	383.7894
CUST_31175_PI429010886	M894	0.001162	15	3						437.1883	446.7333	402.8509	440.8097	483.4448	650.0167	604.9689	335.8595	212.606	350.314	623.0865	346.8405	249.3051	221.4446	261.5579	347.3329	971.7833	499.3294	739.338	460.5023	799.3451	328.9267	536.3308	615.3731	290.0281	315.7204	323.8952
CUST_24839_PI429010886	N51339	0.001168	18	6			Protein metabolism	Proteolysis		122.1911	346.965	194.5472	158.5396	113.0325	117.67	354.4714	158.0318	333.6383	152.6328	113.2721	183.4397	73.14043	135.1566	112.4452	131.7223	16.67878	61.72981	153.376	121.1298	149.7495	212.1159	82.14765	199.1974	266.5285	157.6076	391.7449
CUST_42287_PI429010886	M59909	0.001173	24	18						10.20858	10.40723	14.74259	8.632122	6.282328	15.09945	6.093268	NA	7.968722	8.287779	7.917706	8.117917	4.473733	8.137781	10.45086	11.88288	8.337419	8.670788	36.98717	35.00866	NA	8.255312	NA	11.01284	24.38855	8.690781	10.53088
CUST_50709_PI429010886	M90724	0.001174	15	0						45.84492	101.6948	80.89652	36.29774	80.83362	59.80108	45.23797	41.99643	32.55113	92.15955	55.18575	87.6112	43.83694	61.89778	71.88591	74.71666	78.37536	93.19487	39.3477	44.66782	56.18196	42.20687	35.91157	40.09922	90.85633	46.06229	54.73192
CUST_12322_PI429010886	N29286	0.001174	12	3						83.45905	38.33525	58.77193	71.63476	119.1637	210.4017	101.1982	82.70078	60.01583	29.57087	35.5525	101.0263	44.6026	38.3841	58.26543	58.62811	173.7706	158.7737	74.90972	29.92416	47.27714	27.52478	39.19383	35.97087	77.46325	77.1122	86.20359
CUST_46470_PI429010886	M72743	0.001175	24	18						73.88403	70.39937	87.86031	59.9058	68.02073	72.50841	53.84406	69.80469	62.11683	88.7408	70.96221	76.96996	68.63903	99.30005	86.49079	102.17	93.78702	69.85985	88.65038	99.33533	84.33492	93.19487	102.7959	72.00003	96.80182	74.86136	88.31622
CUST_33058_PI429010886	M5855	0.001178	24	0						20.49729	26.71614	28.53148	18.82155	6.978868	10.39055	14.05481	5.945633	11.5275	26.98754	6.398941	13.00375	13.66936	15.3449	12.67937	18.39819	6.850987	15.67417	17.48039	15.05871	13.23043	25.41871	15.50857	18.24494	38.82258	19.69614	19.14111
CUST_14998_PI429010886	N33828	0.001179	21	12	291239605	PREDICTED: kinesin family member 20A-like [Saccog	Cellular Process	Cell cycle	1.82E-40	NA	9.434112	9.098614	14.11311	5.9437	NA	6.158206	6.134526	7.503213	11.11474	12.24951	11.11202	17.60432	16.52955	12.88285	12.00666	20.11281	12.51566	21.9058	9.073537	16.48057	9.659531	9.743013	8.710242	17.08381	8.928641	8.042965
CUST_44928_PI429010886	M67442	0.001195	21	3			Signal transduction	Other		37.69724	32.76173	68.88215	57.90878	82.86721	77.38027	48.73587	37.90698	33.01533	57.07573	38.87395	34.63494	30.63369	48.26458	27.85465	107.409	51.38779	56.50947	19.17918	26.90259	16.91691	78.43466	44.80736	56.53393	80.42722	61.24287	92.84239
CUST_23206_PI429010886	N48438	0.001196	18	3						13.43914	14.99431	13.85986	NA	16.44381	19.42496	13.19581	16.47211	10.70265	9.691153	17.42054	13.34705	6.99897	6.268183	8.33181	13.40566	23.73591	13.89803	40.17403	7.230194	11.678	16.56157	17.55969	22.51238	17.17252	13.42877	10.7921
CUST_42221_PI429010886	M59716	0.001198	21	3						38.93621	40.70657	26.99024	56.28307	35.31167	44.19495	30.01858	27.5887	30.02625	39.38447	20.19663	39.27986	30.9722	36.45907	32.54126	31.51141	20.90912	23.92584	26.08148	21.84747	31.24239	46.87582	27.11255	29.14178	41.96064	41.25578	43.63321
CUST_36017_PI429010886	M14298	0.001201	15	9	321478769	structural maintenance of chromosome protein 2 [D	Cellular Process	Cell cycle	6.34E-58	49.59839	70.33128	38.69306	39.26132	47.62012	31.33759	53.36598	42.5721	61.39492	70.53195	65.14977	81.37626	56.56684	59.72927	49.23067	81.29483	48.28635	43.95205	47.3594	54.5276	56.27319	73.82839	48.69326	46.22951	86.48234	61.20199	76.80142
CUST_44955_PI429010886	M67522	0.001201	15	9						550.4344	818.9073	1010.24	278.4332	269.7651	290.9496	881.8414	937.3911	1422.337	1185.368	769.2478	838.4693	1380.785	1392.18	669.8776	1059.331	1043.343	689.8687	538.1956	696.7816	622.3874	1205.12	2101.303	746.9886	3421.62	921.954	4357.297
CUST_34046_PI429010886	M8584	0.001201	15	9						102.2907	104.976	134.1249	91.80446	95.9293	82.59837	95.20545	109.7974	108.5891	129.0306	120.7611	150.9399	99.55807	135.4402	95.84863	102.3871	82.19075	108.7243	90.15151	101.281	119.8572	128.5885	119.1637	97.00878	135.4402	125.8034	129.0811
CUST_27090_PI429010886	N55430	0.001202	12	3						210.9393	164.9622	65.66431	227.225	196.5633	341.0906	161.711	106.3744	126.2208	52.29382	42.29018	37.04031	166.6372	54.17626	122.2019	152.424	130.0221	190.3637	113.7193	52.78112	53.22735	91.04966	36.33335	176.4808	68.78674	251.5651	46.58823
CUST_41951_PI429010886	M58961	0.001209	21	18	241678636	conserved hypothetical protein [Ixodes scapularis] >			4.15E-45	35.94612	48.16535	49.94515	39.33067	33.13396	34.49959	28.26309	26.22286	23.51614	30.79365	29.24265	49.99255	21.75964	44.03128	37.30507	33.06433	32.86388	43.58328	71.67319	37.87644	40.2115	32.70344	37.90169	41.24587	32.71054	31.75695	37.27402
CUST_1327_PI429010886	N9300	0.001215	15	9						191.1131	177.8158	201.0518	171.4799	162.719	145.1427	189.684	154.8889	202.8541	218.3592	157.378	274.8462	215.9452	203.1014	221.425	260.5083	150.6325	217.4803	150.8706	213.636	190.8326	217.7055	207.8011	175.6552	271.9546	286.19	299.5774
CUST_42723_PI429010886	M61076	0.001215	12	3						112.2867	107.2382	101.3443	133.5378	116.178	135.6517	110.6458	83.65751	94.04891	70.42582	91.24255	68.95801	86.4151	104.4054	128.2673	115.478	107.9913	118.5941	119.9589	98.69728	71.71135	110.9624	93.11072	74.32582	119.9711	78.51483	87.57209
CUST_7595_PI429010886	N21781	0.001215	12	9	335346117	Macrobrachium rosenbergii tropomyosin mRNA, co			2.66E-66	44.0999	46.1807	37.75935	40.66388	42.10422	38.85386	42.16582	47.98542	48.96463	79.09571	48.08	55.17531	46.38676	86.81547	11.7971	36.55477	46.71536	36.04391	39.36593	49.41092	49.57451	55.46608	53.92569	52.39551	45.65482	28.48875	37.86103
CUST_45132_PI429010886	M68092	0.001218	21	15						51.09155	82.43374	41.94819	90.91352	60.16545	73.60851	51.84431	46.89592	33.89069	54.77183	43.51975	42.83336	56.76781	69.05841	61.14806	196.129	92.18368	144.1199	70.88996	91.50805	59.54039	107.9913	58.76571	72.03066	37.36976	79.59377	46.682
CUST_18589_PI429010886	N40064	0.001219	24	15						28.25408	24.40411	24.8123	19.22446	24.95013	18.8495	19.68008	26.31122	27.71267	28.43719	50.25535	27.28673	35.05495	24.64992	22.35102	37.26633	110.1637	46.98145	26.57549	34.21609	52.645	45.66434	32.92321	24.30839	29.95513	42.53957	35.44546
CUST_17802_PI429010886	N38617	0.00122	24	21	224095776	SET domain protein [Populus trichocarpa] >gi|2228	Developmental process	Multicellular organismal development	3.11E-08	22.8445	18.9533	28.59732	26.36808	22.22168	41.37701	28.39426	18.85554	18.96681	16.20429	29.67419	21.20179	12.05708	20.96791	18.43402	21.22872	29.5483	24.20666	30.04952	13.23323	43.41406	30.10928	61.27293	46.39268	22.75922	28.01496	24.62111
CUST_41904_PI429010886	M58847	0.001224	12	0						573.9804	443.6521	611.8341	324.7416	361.6235	392.3971	349.8347	397.0596	461.882	434.7605	375.6905	475.874	431.3053	478.2977	503.8676	436.4909	422.1729	428.5138	378.7944	496.1582	410.508	564.3927	463.2589	413.7293	501.8237	517.4057	512.9488
CUST_4331_PI429010886	N16526	0.001226	15	12						152.1158	172.3811	276.1029	164.9098	100.5554	88.3593	184.1183	115.9863	214.7012	176.4808	95.7582	232.7081	214.4445	360.1952	206.1326	179.0874	141.5508	98.94163	115.9694	48.13849	146.405	133.0821	89.80969	106.1871	210.5151	168.4747	200.337
CUST_47585_PI429010886	M76734	0.001227	12	0						1679.237	2024.906	1808.217	1037.639	1299.165	1009.6	724.0591	689.0956	649.5445	1451.1	1713.527	2086.783	1273.05	755.2577	1400.033	1297.484	1209.913	1273.05	1008.924	1007.032	944.3898	1390.385	1150.482	1009.6	1334.604	1473.383	1220.236
CUST_14574_PI429010886	N33098	0.001227	18	15						67.46087	68.03939	58.4895	70.6776	53.28731	66.15125	58.46315	41.52857	53.00119	50.4975	54.30581	89.0565	59.9743	65.64906	80.23994	106.1871	80.55811	86.46205	74.48926	92.23086	54.38941	75.45183	59.76158	47.3594	76.85915	51.54875	36.86394
CUST_57005_PI429010886	M115105	0.001229	15	9						642.8014	662.5447	698.0293	524.2988	520.9934	571.9057	582.6377	578.1088	597.3714	715.3982	663.1345	720.48	555.5605	543.0155	621.2292	766.6399	559.2711	610.0761	608.3741	603.4589	556.0784	618.5189	720.2695	644.4395	897.9401	646.7171	742.6323
CUST_31990_PI429010886	M2932	0.001229	15	9			Protein metabolism	Cellular protein modification process		20.73391	20.0133	29.99408	16.94555	13.027	12.36728	18.52719	20.67573	26.76116	21.62904	28.03992	28.55509	13.31013	21.74146	33.92452	23.1605	17.08381	20.93627	14.03086	17.1086	21.52428	22.39686	35.72502	21.94249	29.6775	25.68325	23.5068
CUST_12943_PI429010886	N30319	0.001229	15	9	197361188	signal transducer and activator of transcription [Fer	Signal transduction	Other	1.72E-63	217.8082	278.3016	331.4917	212.606	213.8921	199.9465	202.301	251.8789	293.9979	303.2078	236.3355	411.8683	226.9563	300.2764	321.1502	335.4811	242.7155	272.1441	265.532	265.1519	220.9933	326.7477	312.7841	239.571	354.4714	345.9305	386.4471
CUST_54995_PI429010886	M108357	0.001233	15	3						79.77146	NA	93.32222	161.7557	129.718	321.696	186.3412	50.25117	28.36898	16.73161	108.1041	4.494435	18.86937	15.63054	20.10327	6.153881	189.3905	121.7904	142.7507	NA	228.3459	10.21823	137.9867	210.3335	NA	82.20584	4.920856
CUST_19992_PI429010886	N42592	0.001235	24	15						9.757187	7.781741	NA	8.036889	11.99091	13.97903	13.60949	22.57964	8.656419	14.29954	9.118641	19.92665	11.40559	22.77856	25.56371	24.64442	NA	14.4666	17.47454	17.11186	22.49442	6.771584	18.45614	NA	9.168882	7.857013	5.24251
CUST_50536_PI429010886	M90172	0.001237	18	15	91092388	PREDICTED: similar to CG9395 CG9395-PA [Triboliu			1.38E-24	7.621463	9.688636	7.420586	3.832194	4.883329	NA	NA	5.162518	NA	12.41093	7.187407	6.120324	NA	17.82405	7.624707	16.35182	9.155769	9.179429	6.333698	6.864974	9.714422	6.203683	NA	7.106027	5.216226	3.866189	7.790904
CUST_40177_PI429010886	M51372	0.001238	12	3	371591210	Euphausia superba voucher 980349 mitochondrion,			3.69E-55	NA	5.031644	NA	NA	9.479243	15.17932	5.130091	4.915853	4.998758	NA	4.112474	7.076703	5.807692	11.6401	NA	15.2618	14.72748	11.97367	4.642534	4.179205	8.356596	9.84998	9.394559	8.726312	7.391703	9.525782	8.689343
CUST_55573_PI429010886	M110788	0.00124	15	12						9.55327	9.043293	NA	NA	7.677713	6.183728	10.88684	7.712934	6.875138	6.401811	14.87518	NA	16.80832	NA	8.816732	11.32963	14.69551	7.525118	6.763654	5.352926	5.028881	7.789768	6.104204	7.171909	11.54241	8.024819	9.273731
CUST_41447_PI429010886	M57752	0.001241	18	9	383766182	hypothetical protein PSMK_11070 [Phycisphaera m			2.16E-07	229.6885	201.5302	210.4862	184.654	280.0237	168.154	166.4887	351.4461	246.3941	331.6846	353.785	381.498	186.9659	244.3511	274.7936	252.4045	231.1582	254.5885	181.3561	231.1968	236.9573	229.8746	250.036	227.704	347.0333	271.4065	339.3078
CUST_9497_PI429010886	N24736	0.001242	15	12						557.82	1013.618	894.9707	309.4606	244.2054	85.60322	2119.433	1653.841	4048.081	1535.786	617.9947	1494.92	8550.193	8582.669	5108.798	4759.605	3459.777	464.9946	1157.228	619.3802	685.3204	989.5639	1010.922	1114.056	8814.529	661.6789	11729.06
CUST_4121_PI429010886	N16060	0.001246	15	9						110.4991	140.147	135.2315	84.15456	110.1333	94.17604	85.27513	105.2326	114.3617	180.1262	113.4637	202.2232	166.2981	117.7722	148.5237	153.44	127.601	133.0951	108.2633	125.4876	120.496	130.7638	135.4539	112.6431	155.6736	131.2903	150.0759
CUST_41393_PI429010886	M57628	0.001251	15	0						352.5288	259.1091	301.5058	311.8189	266.6935	376.27	314.6817	237.9203	261.1858	230.6259	234.7048	214.5527	272.638	261.6861	290.7849	317.032	377.8878	327.3251	281.447	236.3355	305.8476	237.7359	295.3248	350.5238	286.19	250.4345	220.2915
CUST_18096_PI429010886	N39134	0.001253	12	3						6.839858	16.83754	11.5308	18.14702	21.62904	20.58435	12.86528	17.67558	15.72277	16.15147	14.13095	14.11461	14.06114	8.97147	11.88893	18.02234	37.0569	25.82153	15.18055	13.08017	20.65721	22.56982	13.72174	24.19522	9.743013	10.86536	17.47867
CUST_3672_PI429010886	N15015	0.001254	15	12						13.09162	115.7331	182.6137	25.1646	61.95712	20.56296	73.39168	79.92252	104.9178	98.68398	198.6322	163.6892	150.5702	288.4469	206.0055	213.51	99.00087	87.62612	114.3743	112.169	84.63515	153.8044	63.46985	33.15216	289.3731	129.5236	276.6094
CUST_12694_PI429010886	N29883	0.001257	12	9						254.189	539.016	949.0578	33.04443	32.16133	7.372745	203.006	514.0171	588.9896	542.7169	475.5299	910.1372	296.8223	441.6462	318.1453	121.9609	199.4211	42.59502	207.885	616.6013	199.4834	604.9689	948.7418	22.23809	499.7486	197.122	818.4343
CUST_38637_PI429010886	M28728	0.001258	15	12						3116.138	7145.704	4887.374	1586.719	2295.055	1013.272	4377.65	5336.786	9950.402	10510.22	3644.859	7930.333	11454.19	12070.48	9485.91	9950.402	5065.56	4313.91	4515.16	6687.729	4399.213	10348.94	6307.408	2420.027	17110.44	5342.716	25496.93
CUST_45419_PI429010886	M69044	0.001259	21	12	321478626	hypothetical protein DAPPUDRAFT_303213 [Daphn	Cellular Process	Cell adhesion	2E-11	61.62124	60.92331	66.36423	56.85058	80.75638	72.55972	96.74817	71.45222	79.07776	101.5278	95.88672	74.22931	88.08405	98.36103	87.24093	98.29921	76.26718	61.28097	76.73952	71.03479	69.98559	81.91685	57.96208	60.25585	70.59503	83.7299	99.26813
CUST_51806_PI429010886	M95178	0.001261	18	3						22.63247	113.1942	45.37412	184.9825	49.55874	119.9288	62.80799	61.10331	52.80587	30.36684	31.65107	43.57816	50.8686	50.32404	46.90544	45.69586	22.0325	28.5608	18.03887	43.08353	46.19013	79.95313	70.31729	47.19112	52.82166	92.03214	41.57987
CUST_4149_PI429010886	N16110	0.001267	12	0						124.3983	110.4288	308.8946	19.46313	46.30865	25.07182	120.0446	177.896	171.6462	185.5593	93.68609	217.6655	233.0458	382.2635	140.0012	80.83362	65.46937	62.5636	193.4435	119.9711	225.2614	89.86196	266.0871	95.82559	583.066	139.6239	556.7295
CUST_18060_PI429010886	N39075	0.001267	12	0						33.08815	33.98937	33.58412	18.73831	25.89716	24.82512	24.48268	36.22069	15.63419	28.20406	24.44489	28.13108	31.07173	29.20384	35.16453	32.20238	19.85432	22.78539	18.94687	27.56983	29.35866	27.31066	30.15647	29.71896	29.71169	40.75297	40.13905
CUST_1271_PI429010886	N9090	0.001271	12	9	307169370	Chorion peroxidase [Camponotus floridanus]	Response to stress	Response to oxidative stress	2.5E-104	1256.084	156.3918	194.6975	81.96733	27.12757	60.6915	859.0461	115.3428	243.4729	3772.58	104.9922	1202.61	235.0098	100.7905	129.4353	48.22578	388.5645	90.72052	611.2062	69.2413	77.39915	2276.234	724.7977	978.1392	358.7125	18.31489	738.4538
CUST_22348_PI429010886	N46868	0.001271	21	18						7.393906	8.170169	16.46215	5.921666	4.022505	3.650294	5.75088	3.74833	NA	NA	7.561772	3.286433	6.31321	7.401629	3.536602	7.800886	15.32584	NA	22.65189	7.599564	NA	7.72615	6.666438	NA	5.788646	NA	5.028291
CUST_34525_PI429010886	M9914	0.001271	21	18						122.7676	124.5927	165.8727	146.882	151.0154	198.8064	127.6161	92.1688	95.63731	147.2543	102.8545	124.672	149.9331	120.4315	138.0748	145.2433	139.2832	159.2127	165.5224	171.0777	191.7619	254.5885	138.8045	175.2604	140.036	115.2533	126.7035
CUST_57165_PI429010886	E1811	0.00129	15	12	532759728	antimicrobial peptide type 2 precursor IIb [Pandalo			1.55E-28	3222.703	3949.649	1928.541	2441.116	3659.313	940.5709	7119.249	3599.759	8924.795	5780.138	2663.095	6273.384	7669.986	5602.191	6544.343	5726.098	6468.264	4034.014	3134.449	2182.975	2975.526	5627.009	2363.842	4743.467	12866.6	5539.858	12983.85
CUST_48171_PI429010886	M79221	0.001295	15	6						151.1026	138.4789	122.6587	155.8377	174.6367	161.861	179.7938	216.3677	189.5352	215.2857	150.0759	241.4805	133.1932	168.7959	153.9132	137.1423	124.7587	119.7503	200.7582	128.5363	194.6975	137.9678	183.8709	171.0319	174.2228	182.4397	171.1038
CUST_3792_PI429010886	N15276	0.001295	24	12						15.41663	25.80044	16.51414	7.488246	9.137413	10.01115	15.14895	23.47811	26.08978	41.8887	15.80722	27.13002	25.38784	41.8496	28.92395	57.73367	13.023	24.66785	24.51394	29.23458	26.79789	18.09414	28.16035	9.075144	24.03089	NA	17.13072
CUST_40639_PI429010886	M55716	0.001295	18	9	196000550	hypothetical protein TRIADDRAFT_20924 [Trichopla	Response to stress	Other	4.26E-15	63.8461	82.26332	67.85099	58.94211	51.49762	46.15285	34.93733	58.08697	59.76845	92.65529	82.03238	74.88917	55.87064	72.40904	63.87286	110.5384	68.24733	60.34766	67.14861	68.98284	68.1054	55.42181	58.20366	55.26178	138.8541	72.79951	61.64233
CUST_21810_PI429010886	N45894	0.001295	18	9						12.99803	15.33784	13.87668	12.82499	16.30451	12.3071	19.03069	30.25566	20.22864	21.37656	20.56951	23.61845	14.86089	25.49244	19.86545	13.7828	18.96681	29.53988	23.70771	13.72475	14.55066	13.95948	8.641166	11.70041	24.17334	24.5556	31.83796
CUST_4538_PI429010886	N16987	0.001296	18	3						32.51286	31.09756	19.83086	38.89725	31.57401	45.84492	28.85946	18.98962	26.30532	19.70026	26.02628	22.55376	17.29225	15.80873	24.51625	30.96598	62.44095	36.1117	26.73668	25.54793	37.29408	35.22807	46.22541	35.35825	24.88119	44.50661	21.60382
CUST_461_PI429010886	N5429	0.001305	15	12						3355.686	871.62	30800.89	55.05355	103.6887	63.98224	6253.288	41887.92	32610.41	46511.8	1292.191	2567.686	37561.18	63688.85	32869.85	597.0282	25136.37	338.6596	1997.22	2923.398	935.7487	15389.68	34379.32	1260.157	50443.76	1940.549	46673.5
CUST_41709_PI429010886	M58360	0.001307	21	12						49.98628	93.24144	86.81547	29.84652	53.53627	21.38676	43.9229	110.2442	69.96115	163.3073	54.73192	75.0125	139.1216	129.896	101.5112	76.40353	87.69732	53.20475	56.85652	49.79493	55.48383	57.028	84.14675	31.46674	67.16912	27.68808	53.03364
CUST_22810_PI429010886	N47713	0.001318	24	0						233.6523	195.2959	231.7343	173.9115	229.6885	179.2308	226.9159	198.2869	124.2579	225.9175	224.0471	156.7272	114.4563	150.78	113.0059	169.6552	268.545	175.4136	207.8011	197.5737	180.8735	221.9563	102.7622	199.4521	355.5348	201.9745	235.2181
CUST_4622_PI429010886	N17155	0.00132	24	0						54.40089	34.47823	47.21974	54.84373	23.5201	24.27705	24.61812	14.65167	26.95285	30.55547	15.15404	55.32634	15.55047	28.67208	17.03814	21.99572	19.83923	16.5818	22.44161	17.76083	30.83339	27.52267	21.93936	31.04579	36.16119	46.67338	54.88431
CUST_29552_PI429010886	N60093	0.001321	15	12						29.2332	25.68173	36.12687	20.6419	18.88563	23.92174	24.01772	33.99233	19.44948	30.32872	27.52766	24.80851	30.06426	37.75561	31.37421	35.11191	27.91558	26.89586	25.07182	24.13249	19.68474	27.51937	29.2332	27.8177	41.09904	17.60068	34.15181
CUST_15247_PI429010886	N34264	0.001329	18	15						379.2779	575.0804	467.9877	537.701	355.2567	195.5884	972.1119	410.9035	877.9874	855.218	629.9728	1039.842	703.4699	1067.963	748.4841	1309.194	1002.452	863.6121	1729.171	282.166	1113.282	547.465	527.7394	279.5586	712.9294	428.0243	803.5259
CUST_313_PI429010886	N3807	0.001333	15	3						537.701	8.527754	596.0223	4034.014	14744.71	12651.8	15922.04	577.6505	70.06431	26.37273	18661.44	NA	14.93582	12.42241	8.772272	25.51149	22767.31	6108.092	26956.65	NA	22307.76	NA	18337.68	20248.42	18.57232	1055.909	5.017942
CUST_662_PI429010886	N6619	0.001337	15	12						2984.905	4759.605	4068.874	1335.109	1771.34	879.6665	3398.882	4672.866	7415.798	6767.816	2780.239	6142.292	11437.58	11762.42	8845.346	10802.96	4080.667	3278.647	3561.268	5503.933	3124.162	9937.704	4480.043	1905.993	19317.04	3772.58	21431.7
CUST_22525_PI429010886	N47186	0.001345	15	0						33.90948	26.8663	50.33907	30.16372	27.32583	28.22332	21.84275	26.83276	23.83176	31.06527	20.39615	24.83327	22.32946	28.229	29.89152	31.8918	32.44398	34.30707	35.58868	27.21982	32.43577	18.93228	27.41751	22.89148	32.88602	20.87462	28.01868
CUST_35573_PI429010886	M12920	0.001346	18	3	332028676	E3 SUMO-protein ligase PIAS3 [Acromyrmex echina			3.28E-35	24.42522	18.58833	24.52447	43.26504	33.42828	33.58065	23.1883	11.72586	25.96869	9.012961	13.03387	12.89985	14.21497	36.22709	6.406079	24.43879	12.29952	29.45562	22.41939	24.35681	24.38855	40.86821	15.01814	41.62253	16.08632	10.01513	14.046
CUST_53709_PI429010886	M102862	0.001352	24	15						471.3393	397.9322	530.8519	360.8661	412.1707	470.2	356.8337	426.0225	356.3531	443.5662	400.3298	468.0946	377.1617	507.1661	459.6219	510.2851	536.0428	502.4781	486.6501	487.8771	432.7317	520.2836	440.9199	404.0517	504.5252	393.782	483.7826
CUST_19745_PI429010886	N42115	0.001352	18	15						30.18791	19.99756	22.75922	18.51256	21.53946	29.25253	14.44838	11.12231	13.2165	28.27144	21.75179	22.70735	18.20618	23.33698	16.30451	27.31503	35.1893	24.0648	25.96531	21.92688	26.57271	36.49052	15.43278	28.21594	19.48765	15.8263	18.55113
CUST_25279_PI429010886	N52108	0.001353	15	12						277.4454	196.0648	440.3254	200.7582	205.2221	203.1953	327.3834	212.773	309.2252	242.5645	218.037	277.4972	337.6916	437.9769	340.3246	280.0685	268.4354	260.0114	209.8989	212.5355	259.0619	345.9305	312.6532	189.0327	415.6575	292.4718	407.5311
CUST_83_PI429010886	N536	0.001353	15	12						53822.38	5417.146	104856.2	1937.537	4604.537	3425.229	61898.59	74289.93	101693.2	87648.66	30360.4	28160	108311.1	135996.9	108311.1	14950.27	87648.66	5342.716	44409.28	46511.8	22281.96	93952.87	98448.52	19626.64	110974.5	23632.71	115564.1
CUST_1332_PI429010886	N9316	0.001354	15	12						408.5798	419.7481	525.4442	414.7856	399.0919	488.7915	378.7944	477.1155	501.3373	626.4662	477.4078	681.1329	519.7383	683.7716	638.2757	548.6331	474.912	508.4411	476.8506	488.5796	487.0643	611.9605	536.1688	507.4019	638.9314	551.2455	574.4912
CUST_55222_PI429010886	M109174	0.001361	21	3						379.6269	369.4169	356.6027	352.1132	402.1311	409.1687	408.4945	337.2385	350.5238	325.8124	371.7567	392.6279	280.971	356.1302	301.6337	355.3996	411.8683	344.4708	361.8439	378.265	346.6366	420.9194	372.6528	386.742	403.6614	440.428	392.9826
CUST_16742_PI429010886	N36787	0.001361	21	0						251.9665	268.7143	304.942	196.5334	180.4919	196.2921	206.7399	174.9214	215.0865	222.3465	211.5909	193.6314	168.5577	208.8093	154.463	193.8995	188.2189	228.586	234.443	205.6287	239.146	223.8084	229.0179	240.2315	245.7815	176.0509	275.1873
CUST_42792_PI429010886	M61265	0.001363	18	15	242009439	conserved hypothetical protein [Pediculus humanus			7.71E-28	27.8344	28.33335	25.69538	36.40882	28.84855	21.89563	5.313502	17.1086	17.65481	28.41001	17.43225	24.76741	19.9835	43.77433	22.14618	31.73044	20.43695	37.02134	27.1975	24.94079	18.66977	37.87276	18.25747	17.95297	17.79403	15.4721	17.74325
CUST_55416_PI429010886	M110005	0.001367	24	18						22.97943	75.73714	43.53241	14.46988	28.84595	13.42033	14.50223	22.13275	26.59238	62.88366	42.24487	49.21104	33.68381	43.49365	28.229	75.61377	34.47136	59.2457	45.91808	78.74635	66.15751	52.86329	14.1448	26.04444	15.99247	42.29494	51.01709
CUST_43731_PI429010886	M63815	0.001367	24	21						124.2426	72.07584	72.55972	117.0641	68.80724	120.0037	18.60572	60.58205	45.35819	63.96858	66.84482	91.02196	74.57029	78.39028	82.03238	140.5657	73.76805	109.1441	71.88591	116.5433	122.3193	109.6802	104.5986	733.1697	114.8783	106.1871	93.49845
CUST_26538_PI429010886	N54417	0.001367	21	0						59.2457	51.70242	82.55661	43.27701	34.27356	40.03759	43.12293	33.98233	52.49227	39.11677	37.46264	40.10273	50.43461	37.83723	56.40373	50.6408	54.40089	56.30291	55.84573	45.55401	79.64311	68.85144	62.32467	44.13738	55.25124	48.41716	42.61497
CUST_33314_PI429010886	M6573	0.001368	12	9						37.20061	17.4398	30.2585	4.967335	6.206401	12.028	19.3376	8.257726	16.68444	20.58261	39.93142	41.70879	14.64036	35.76089	12.95283	6.767462	NA	16.46215	30.08888	38.31739	44.03128	36.50003	31.15588	18.14921	28.87669	30.89913	20.84836
CUST_43827_PI429010886	M64085	0.001369	15	12						98.18381	98.71598	104.3742	89.29805	99.17539	93.13261	79.875	70.42582	97.62464	97.82533	73.17053	113.6765	107.409	127.3036	140.3134	96.6566	99.88549	86.19466	89.92723	87.26148	93.66147	113.3786	75.63407	73.33005	103.6058	100.5781	93.12227
CUST_42232_PI429010886	M59745	0.001373	21	18						100.9764	160.1083	123.6359	81.13979	107.4857	101.1328	51.85569	78.64329	79.30391	127.7418	78.2069	152.4947	99.08673	105.1778	89.80969	155.3616	84.59116	127.4851	153.961	136.1666	154.0879	110.192	122.2181	75.43644	61.24287	129.2002	104.4202
CUST_174_PI429010886	N2108	0.001375	24	15						51.32239	33.69201	36.99055	31.49395	44.06361	44.60711	39.88324	34.33559	46.46451	57.42327	59.05765	58.74569	57.00887	47.80199	52.42324	97.23707	70.54693	64.73185	58.20859	60.10166	71.69416	53.57478	54.59618	40.6037	56.20414	111.3415	110.2048
CUST_9365_PI429010886	N24496	0.00138	21	9						22.86232	15.98734	23.91073	17.47076	12.99318	15.87862	28.29331	27.24907	23.75855	24.74877	31.08481	31.82901	22.64182	23.87788	31.13983	32.42053	22.05258	26.50391	25.27217	26.38499	15.31744	24.90221	16.13721	17.75499	21.11131	14.48944	24.64442
CUST_47356_PI429010886	M75752	0.001386	24	21						38.41183	15.06711	23.82568	9.392481	11.64631	17.07004	14.57184	14.32267	9.512792	14.75649	21.18827	13.46088	21.47183	16.64978	23.87245	75.06598	13.93436	20.64798	68.20531	19.87757	15.23737	32.62765	38.82938	26.91205	20.87462	13.95459	17.2249
CUST_42382_PI429010886	M60146	0.001398	18	9						44.1334	63.73904	39.44549	37.81058	35.73252	27.40752	32.28425	67.79099	67.68545	44.42212	73.5908	95.87365	61.20199	41.95242	66.79779	56.37263	47.47988	51.98858	58.29022	134.1419	58.36968	36.06457	33.92452	37.4709	49.87667	59.56411	51.34688
CUST_43806_PI429010886	M64029	0.001398	18	3						596.3171	735.196	859.4575	1998.595	745.0756	1321.79	613.6489	714.0634	679.9331	839.8931	356.6027	1057.689	488.5796	722.955	552.0613	857.1846	292.3195	485.4409	392.8804	509.603	1125.414	966.1688	1277.111	927.5266	963.151	905.6425	603.7585
CUST_2542_PI429010886	N12584	0.001399	12	9						9.260769	12.36888	8.877949	6.363361	NA	8.664964	9.853418	10.59893	10.07591	12.35487	18.60572	13.72475	6.648806	16.62399	11.37559	11.55545	8.881606	3.741952	10.71609	10.02441	17.9331	13.92172	16.70546	16.76094	18.03617	11.44906	17.62133
CUST_57208_PI429010886	E2466	0.001405	15	9	532759728	antimicrobial peptide type 2 precursor IIb [Pandalo			3.84E-27	3269.374	4365.095	1899.44	3120.564	3604.11	964.5529	6717.481	3756.632	9182.945	6078.985	2712.01	6587.101	7647.424	5139.37	6593.488	7404.352	6018.766	3972.597	3100.565	2091.598	2727.828	5757.178	2475.35	4915.943	13487.6	5620.472	13147.15
CUST_3307_PI429010886	N14227	0.001411	24	9						117.4728	141.7029	146.6632	99.11857	13.15672	NA	134.9903	158.9804	140.2989	199.4834	141.6752	191.2652	118.275	36.98363	130.1875	53.25416	43.52397	57.18099	21.98126	86.39769	26.75249	9.624456	110.4435	32.36622	NA	24.46354	44.25018
CUST_3876_PI429010886	N15469	0.001415	21	9	270013661	hypothetical protein TcasGA2_TC012288 [Tribolium	Metabolic process	Other	4.54E-34	4.468785	10.62697	10.80445	8.662743	34.76129	NA	31.00505	125.183	61.66407	NA	106.3333	108.2334	103.4225	12.34338	24.31347	NA	22.08937	NA	38.37256	229.7242	73.47743	NA	9.680237	5.995731	6.311063	42.78573	44.4293
CUST_27261_PI429010886	N55728	0.001415	21	3	260782407	hypothetical protein BRAFLDRAFT_132313 [Branchi			7.44E-10	10.79758	17.56349	10.06298	23.69577	15.69846	9.343228	13.05601	10.00064	12.57535	16.21134	4.797228	6.805373	5.135864	7.062308	5.684217	6.316998	NA	8.268709	9.662859	7.553772	21.05599	5.682194	25.3441	10.72419	25.64937	14.58359	17.86315
CUST_36673_PI429010886	M16505	0.001419	15	9						402.4861	418.5656	745.5335	309.517	214.8393	147.7426	491.0083	905.952	857.3719	913.4609	395.6626	571.9057	708.1055	821.7869	636.5467	571.5932	266.722	346.2493	338.5891	392.5464	340.6846	619.0377	785.2299	281.599	803.077	417.1018	1213.318
CUST_51229_PI429010886	M92702	0.001428	21	3						8.117917	6.153881	14.57533	24.48509	10.68951	9.928249	16.93603	7.92158	7.338708	9.668476	NA	8.910931	11.01558	6.31804	5.034012	6.508712	12.88285	9.757187	4.620483	NA	5.153689	17.12071	7.088352	NA	28.06449	27.54224	27.97946
CUST_9969_PI429010886	N25485	0.001429	15	9			Signal transduction	Other		57.90171	125.6673	214.6655	15.18055	91.96613	NA	21.95843	32.60782	122.3764	185.2951	148.572	213.8469	166.0856	87.15435	113.5368	102.0005	64.56992	88.19572	65.85741	54.63526	89.01214	267.8998	155.5901	40.05116	388.4984	166.7311	445.5129
CUST_21960_PI429010886	N46161	0.001435	24	18						50.48761	47.40881	51.35337	43.8289	53.03364	44.69027	38.49435	30.34164	43.21123	35.54827	34.37569	35.15442	49.48526	46.52112	40.03501	40.97284	55.90028	40.4721	44.98472	52.33717	63.48998	42.12986	38.50305	56.03701	48.68295	48.67019	56.22954
CUST_40865_PI429010886	M56251	0.001439	21	3						205.4682	239.4245	304.8063	233.3995	240.1758	310.8131	236.1246	273.7876	233.6842	226.5039	243.718	274.9043	82.33655	307.2905	221.4718	146.622	229.9564	265.3779	205.2221	130.0411	171.8712	232.021	268.82	266.6447	333.2881	348.6809	294.596
CUST_3583_PI429010886	N14819	0.001443	12	6						4.484368	22.29671	5.534791	78.84971	64.07157	24.78255	60.57138	196.4719	116.6682	41.13272	168.5577	197.3275	9.787782	57.23868	23.78208	NA	113.8579	NA	NA	322.0841	114.2883	NA	52.30377	34.88082	NA	67.25956	47.67267
CUST_36137_PI429010886	M14770	0.001446	18	6						30.70184	31.71188	33.01533	26.55213	43.91811	38.12809	40.17403	37.45529	38.0116	31.65107	36.33605	39.52248	29.71613	29.85387	22.77856	36.04028	16.62775	24.28324	29.10242	35.42916	39.53783	32.95281	32.03583	37.33468	32.77524	43.2321	55.77862
CUST_44471_PI429010886	M66078	0.001446	15	9	345492959	PREDICTED: NFX1-type zinc finger-containing protei			8.21E-41	13.14971	27.34621	13.65469	16.88691	33.89729	16.80263	18.93518	21.70445	25.35894	27.28431	51.7675	46.11982	21.02215	15.59858	14.37805	13.03814	14.13431	7.93896	16.73905	32.43067	21.248	19.49159	17.86315	18.47842	15.23556	28.90402	29.18503
CUST_40977_PI429010886	M56534	0.001452	24	18						284.0133	240.0259	262.4225	236.6472	225.8273	199.0699	179.0604	192.7647	212.9538	256.4811	200.0082	218.7209	238.8599	295.4403	255.3857	297.361	222.3148	229.6175	261.2237	277.0736	289.7899	301.0265	243.2786	221.9563	315.1705	238.8193	281.9612
CUST_33243_PI429010886	M6380	0.001452	21	0	403182806	AAEL006520-PB [Aedes aegypti]			1.18E-11	46.71536	41.16431	44.40267	36.38283	39.42313	37.62657	38.08646	40.39881	45.31583	44.89448	34.05805	28.99859	30.08229	33.20236	32.46164	35.2603	36.69017	55.88861	40.28418	35.6179	40.90354	44.27177	57.34886	42.01729	46.85704	32.92321	53.01853
CUST_10052_PI429010886	N25618	0.001453	24	15						610.6415	771.9192	623.9709	588.293	533.4173	578.3985	518.5036	581	555.136	529.6585	575.9559	600.1331	619.5429	689.8687	630.4701	850.4702	645.2555	658.6556	654.914	720.9482	578.8676	856.5552	628.8832	537.701	709.8502	588.5777	615.211
CUST_6440_PI429010886	N20102	0.001454	18	0	213624459	phosphoglucomutase 2 [Xenopus (Silurana) tropical	Metabolic process	Carbohydrate metabolic process	3.12E-96	18.59558	22.0796	20.58261	21.82017	17.99612	18.72449	10.82989	15.51227	13.04874	23.33499	10.05433	25.28525	16.56322	12.83593	15.70756	32.01858	17.36105	16.22818	23.01368	16.35532	27.2627	15.444	14.47174	12.6619	13.57654	11.11202	11.43831
CUST_56513_PI429010886	M113973	0.001456	15	9	321464775	miniature spindles-like protein [Daphnia pulex]			3.88E-57	53.32755	41.94819	42.31884	45.36871	51.98058	41.78277	46.47908	44.48344	48.92704	57.57631	54.04063	56.99751	51.18041	53.53627	50.69191	51.44191	46.19013	48.23121	43.04145	45.1372	45.56467	72.08475	37.77438	49.77895	62.85005	48.9358	54.73744

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_16674_PI429010886	N36668	0.001456	15	9	321478072	hypothetical protein DAPPUDRAFT_304700 [Daphn	Metabolic process	Nucleobase-containing compound metabolic process	8.65E-46	138.8541	179.5583	175.8509	148.7855	131.2414	118.6493	193.0385	213.366	269.7651	220.9933	120.0446	201.9396	164.8084	202.7615	171.8979	194.8405	124.1278	199.3094	153.9392	159.5474	147.4496	160.3693	158.0318	211.7804	263.2372	214.1332	279.7821
CUST_44776_PI429010886	M66953	0.00146	18	0						18.63533	NA	20.65238	NA	7.817365	21.45407	14.93945	11.06447	12.28125	5.6033	5.177834	4.40452	6.382168	NA	NA	3.975481	12.29647	9.523047	14.39423	15.91783	18.61514	NA	18.4246	26.01055	4.335161	3.773251	5.021225
CUST_15002_PI429010886	N33842	0.00146	18	3	241779172	conserved hypothetical protein [Ixodes scapularis]			3.22E-21	9.257427	11.50698	7.239142	26.89938	13.73929	28.70508	13.82537	13.54122	5.263094	9.264427	10.84227	14.265	7.884889	8.1716	9.607772	16.16875	10.36736	8.858469	16.83754	11.91576	6.224633	22.49197	18.40839	13.23625	22.31737	9.939882	12.15878
CUST_56465_PI429010886	M113865	0.00147	21	3						12.63126	17.73942	27.34621	131.7576	38.6196	34.3148	15.47412	9.149574	17.22674	18.57528	12.11785	16.07659	12.2919	14.0442	6.66209	12.8607	6.149357	22.09437	16.31327	9.040661	29.18503	8.66034	28.32194	12.86855	23.13337	27.64478	19.78599
CUST_32477_PI429010886	M4220	0.001471	15	9						111.7908	155.6229	318.2985	65.21686	93.01036	68.1054	169.3616	339.8212	335.2532	317.2087	145.8455	352.327	250.4057	468.2572	301.0804	214.4445	100.2315	194.8105	163.3073	148.7855	162.6071	241.3477	287.4102	78.73486	306.8029	231.9868	388.966
CUST_10429_PI429010886	N26215	0.001472	21	3						124.0734	148.3869	115.7448	155.1093	150.286	198.6322	115.8195	132.1519	111.5352	145.2206	121.7341	123.1377	83.90478	99.82512	114.1048	115.9538	142.9849	127.7733	131.1566	126.1607	135.0274	143.6875	87.93229	132.2831	130.1016	142.9167	133.0452
CUST_22670_PI429010886	N47428	0.001472	12	0						15.27919	15.12127	10.57353	10.53799	8.262678	NA	4.220454	5.356366	8.883037	12.24661	7.396068	6.370435	14.77486	17.41767	23.2714	12.68722	4.727984	11.98592	8.087563	11.89186	9.379442	17.04092	6.269689	NA	15.78638	NA	13.49626
CUST_8104_PI429010886	N22542	0.001478	24	21						108.6304	91.1558	85.41552	115.9863	137.1215	117.1213	86.04961	83.5291	87.57209	103.1342	86.22581	114.4714	107.6827	119.7777	142.8955	128.4384	90.6343	151.5411	769.5294	125.1102	119.6528	139.376	123.6999	156.1886	104.8909	146.0101	99.77775
CUST_31619_PI429010886	M1979	0.001478	24	21	505804162	PREDICTED: TP53RK-binding protein isoform X1 [So			8.7E-13	18.4928	20.77886	18.86593	19.90626	16.39936	22.13451	12.4383	13.30045	9.629706	18.87168	10.52513	28.93067	11.60477	15.73055	31.14945	30.3584	13.28314	10.19195	39.26587	25.58242	16.94759	36.22709	28.71019	46.71536	30.44396	28.25408	19.63157
CUST_4980_PI429010886	N18069	0.001478	24	21	29134779	projectin [Procambarus clarkii]			7.8E-130	45.00065	47.51659	48.48054	52.32895	44.98472	45.74744	28.62243	42.20313	38.42916	45.82436	47.0488	37.11863	48.45867	51.32807	42.22821	48.78617	49.05418	47.84739	47.01326	59.27376	38.68605	49.57895	61.05832	53.88401	67.237	41.19711	41.52389
CUST_31846_PI429010886	M2554	0.001479	12	0			Response to stress	Response to oxidative stress		189.5968	196.157	236.1903	219.4848	199.7913	194.5182	150.3901	172.054	175.4567	173.3233	177.3442	204.2578	175.4567	313.8962	253.0671	191.9558	168.3529	163.3073	188.7857	175.0831	184.2548	216.7674	192.363	189.7138	234.1955	200.21	238.9663
CUST_5530_PI429010886	N18824	0.00148	21	0	241828659	Ser/Thr protein phosphatase, putative [Ixodes scap	Protein metabolism	Cellular protein modification process	8.6E-172	93.1664	66.04832	73.33005	50.49286	50.72999	66.99196	72.72106	41.91362	43.62391	55.39377	54.86684	55.784	60.78457	47.61652	51.46537	67.09564	56.31266	59.58353	68.80103	48.10487	65.60373	68.95198	66.98492	71.40808	58.71363	46.68828	40.26187
CUST_18218_PI429010886	N39372	0.001491	12	0						29.32561	26.97522	32.15824	18.61514	23.12065	16.19313	19.8522	15.92987	21.74647	36.29122	28.6142	27.11255	31.24487	46.13321	32.14525	33.46044	22.96785	23.86861	27.25419	24.65512	20.01979	33.61445	39.97721	27.21982	46.92598	29.61528	40.34891
CUST_2876_PI429010886	N13293	0.001491	21	15						148.196	180.4919	179.2925	175.8911	188.6896	160.5038	155.4719	142.1826	135.074	258.8229	168.2678	163.3498	172.1063	157.2097	210.0511	209.9951	277.9987	204.7153	209.6917	223.6052	186.7835	172.957	218.3592	172.082	226.4213	153.1027	174.7413
CUST_9411_PI429010886	N24576	0.001497	24	21						52.07596	64.96528	35.78224	37.36325	45.77928	31.56077	28.03123	31.78038	35.9369	66.87846	52.5224	35.25245	40.76277	47.3028	28.53867	47.15656	40.19775	43.99672	41.66889	68.29796	61.91569	56.39846	70.61832	66.57113	81.58984	44.12842	60.19936
CUST_40840_PI429010886	M56206	0.001498	24	15						45.42508	40.86821	26.82709	39.55733	55.27747	48.76067	27.5502	30.29871	33.28766	54.75352	45.01588	38.48636	37.54075	37.61167	37.13804	73.88403	49.46731	55.22248	49.63154	58.4208	53.61134	51.87547	44.16686	57.1457	45.42072	46.991	43.03291
CUST_4742_PI429010886	N17385	0.001498	24	15	321479211	hypothetical protein DAPPUDRAFT_300177 [Daphn			1.04E-13	27.13002	26.9152	19.28994	19.76039	22.73323	19.51465	25.12351	17.02082	19.59849	31.43817	25.9425	30.81346	12.63126	32.87841	30.83942	38.87769	31.99053	49.21104	23.60284	31.59448	23.18582	27.085	32.25357	27.42267	29.49638	21.75964	32.91963
CUST_5569_PI429010886	N18886	0.001498	21	18						137.5442	189.4567	107.0174	117.4158	134.3489	92.68449	76.17525	91.33174	86.28978	152.6964	113.3366	125.183	133.8309	125.2677	163.8253	234.4127	78.18464	141.0765	135.9425	190.4443	157.4606	169.2967	128.5235	94.75367	153.3563	103.8205	141.8494
CUST_38184_PI429010886	M23974	0.001502	24	3						360.6396	1242.81	1281.734	538.0354	1031.749	1131.289	853.9995	776.1766	740.4281	677.7517	754.7954	1001.62	544.2536	806.919	639.3223	583.2176	118.6343	180.5428	605.4467	419.5293	352.1132	681.3848	862.1393	268.1467	925.4363	773.8104	933.7706
CUST_55173_PI429010886	M108996	0.001515	24	21						567.7179	667.8908	760.0455	547.8035	612.2893	462.4656	542.7169	567.0781	580.436	622.7518	491.7148	768.7795	631.4343	653.4911	623.3295	752.5982	665.511	528.3775	648.0827	669.0767	662.7679	976.3736	670.112	716.9224	796.7421	627.0644	831.0172
CUST_7843_PI429010886	N22164	0.001515	24	21						79.47713	78.28594	80.29877	68.01317	100.1275	104.474	48.05852	57.01626	56.07774	63.50632	71.73214	82.97709	72.84145	78.07189	70.23023	73.33005	81.16843	93.73888	82.28242	57.06419	78.43466	89.26714	88.54248	90.79757	86.6967	70.14592	76.34394
CUST_35934_PI429010886	M14015	0.001516	21	3						1166.811	1514.446	1627.802	5086.964	2408.505	2684.729	1467.042	1837.082	1466.368	2286.095	744.0064	431.3819	1341.448	1439.161	790.3406	2074.248	655.5465	1293.201	868.3571	1281.141	2410.357	2095.03	2326.832	1589.601	2504.679	3065.467	1347.753
CUST_38152_PI429010886	M23690	0.00153	15	12						9.658216	20.23721	19.2217	14.82674	18.93518	23.85972	14.91181	10.87219	10.93666	26.13131	24.91723	26.79563	13.25918	29.48584	33.14087	27.52766	25.68021	30.37057	18.15993	15.68875	20.95495	11.63852	8.400369	16.66074	11.67245	13.88119	19.26978
CUST_15942_PI429010886	N35384	0.00153	12	3						133.1932	134.2642	125.4528	158.91	130.7466	189.7386	135.0409	110.3777	97.71155	100.64	97.24592	100.4818	119.6384	115.0228	113.7623	132.2831	157.1911	121.8291	118.1469	102.1333	112.2549	149.7905	82.67802	108.6889	109.0449	142.0394	137.0769
CUST_38284_PI429010886	M25016	0.001532	12	3	2414483	Crithidia fasciculata ribosomal DNA repeat (complet				235.4879	135.9831	40.42484	1179.987	628.4644	1725.627	535.2858	313.0231	132.5094	32.22977	497.0198	63.60606	147.341	135.0881	364.6302	388.7869	1813.091	2340.111	225.9932	251.1408	680.5523	524.0613	537.701	940.8909	15.13318	321.9594	19.85636
CUST_37830_PI429010886	M21795	0.001534	24	18						387.589	23.60773	852.9478	89.24944	144.1009	107.5224	319.6424	825.1657	155.4485	207.9906	258.1697	209.0603	1579.682	2117.402	997.0196	241.6881	540.6649	194.5472	1294.143	1428.874	2007.972	1098.078	394.7994	851.0651	1958.473	715.1399	928.4158
CUST_10105_PI429010886	N25705	0.001534	24	21						231.7766	210.1562	245.2785	209.8084	198.8522	214.1723	202.8118	162.0477	211.2718	287.3657	210.4274	244.6702	210.2047	228.2456	220.8169	255.4957	218.5128	229.4944	223.5686	242.4336	233.8998	253.3366	256.4303	239.9082	250.7705	236.0009	252.9368
CUST_40731_PI429010886	M55957	0.001534	12	0						137.719	168.329	151.1592	120.2795	122.4782	139.9278	109.6246	106.1754	119.9288	142.7087	114.443	113.9294	113.9294	146.3045	161.7557	172.831	134.7426	165.6637	112.2867	117.4463	90.62378	143.7864	133.5939	127.2704	139.4507	141.9837	140.548
CUST_56697_PI429010886	M114441	0.001538	24	12						64.01028	64.3589	85.20601	62.63151	64.10151	49.47977	64.66893	69.83541	70.59503	59.21305	70.23629	107.4983	79.61927	85.50355	85.61256	73.82839	70.63158	91.48208	67.1407	71.61132	70.23023	80.50367	66.60678	65.27575	58.4576	77.46325	74.54819
CUST_45936_PI429010886	M70806	0.001538	24	15						95.71563	108.7487	121.1828	90.56267	79.78328	92.45305	89.65503	87.71808	94.25565	100.2406	86.36905	136.597	102.5272	147.073	137.4615	154.1562	105.57	125.8769	106.5981	120.0958	126.4932	119.9009	123.6359	91.28115	98.94163	109.0596	124.3147
CUST_46341_PI429010886	M72300	0.001538	24	12						67.25349	54.08762	73.0191	63.82351	54.49444	57.14083	63.50632	73.33005	64.16127	90.54311	65.61755	76.93173	99.54848	75.55792	75.4087	77.39915	63.96858	88.28345	75.91487	72.52738	73.53135	74.92755	81.30299	74.86136	72.6348	63.32035	76.15742
CUST_16362_PI429010886	N36110	0.001547	21	15						207.5012	223.5364	185.168	135.4209	156.4459	164.6258	124.3489	132.7049	154.1562	202.1175	197.8235	226.2023	175.8509	179.4229	171.1195	268.1153	187.4158	203.9546	220.9933	172.1829	194.4538	203.8319	161.9364	156.1197	194.9477	154.2483	179.5583
CUST_39026_PI429010886	M33579	0.001548	15	9						10415.22	31148.55	35818.08	4174.241	5349.606	1784.695	7259.073	50235.79	65559.81	61640.76	44794.66	58446.35	56054.85	85436.14	61640.76	38496.63	21478.53	22307.76	20926.24	51255.28	24707.51	69125.19	69125.19	4965.834	77729.71	50235.79	99042.74
CUST_10093_PI429010886	N25681	0.001548	15	9	54042615	arthrodial cuticle protein AMP6.0 [Callinectes sapid			4.12E-15	1355.659	1860.994	1917.136	921.954	388.6405	477.7327	1786.373	1448.723	2321.278	3597.224	1677.906	3380.982	1621.924	2052.131	1710.741	825.7659	1409.133	616.7782	1022.968	2834.55	1281.141	3440.367	1294.143	1335.768	2257.795	1903.519	1931.541
CUST_342_PI429010886	N4167	0.001548	15	9						361.0091	780.9267	1444.613	310.6611	210.8661	87.11006	288.7609	1504.155	2472.114	1830.724	1132.649	2319.618	1506.739	3008.795	2278.385	1146.628	606.6133	749.487	756.4835	1210.418	834.6224	2428.103	2461.297	213.1567	2948.044	1743.746	3500.164
CUST_43252_PI429010886	M62542	0.001551	15	3	341650470	Spz3 [Litopenaeus vannamei]			1.26E-74	62.70814	28.80255	14.25474	156.8208	71.19859	275.1873	113.5681	55.90718	31.88231	3.764097	53.22735	NA	45.20819	6.85925	31.76715	9.139595	153.6651	96.5915	84.376	NA	121.6348	16.15147	69.26327	153.1912	9.376909	51.33619	NA
CUST_41369_PI429010886	M57564	0.001554	18	0						35.70676	19.46511	26.73374	NA	25.791	9.743013	NA	9.873369	12.24024	32.73103	12.06489	18.64626	12.09063	11.5308	16.68444	13.72673	19.14986	32.19898	22.81192	25.23241	25.77304	11.69128	24.55314	16.31327	8.149338	14.06926	7.084189
CUST_51641_PI429010886	M94373	0.001555	24	15						52.65717	53.44251	50.51683	38.54575	44.12317	44.34868	72.00841	18.44972	38.9709	82.56662	58.08697	45.01151	49.75477	53.20866	64.3699	75.11707	72.96725	58.19173	40.88839	67.88326	67.82256	52.74988	52.63381	57.07573	59.07548	26.27382	47.11037
CUST_15344_PI429010886	N34434	0.001558	18	6						382.2635	451.7787	475.4311	389.4334	405.6393	402.1311	399.475	708.4547	674.0173	444.1766	605.3029	657.2757	355.116	360.7942	330.4301	331.029	305.6076	318.4396	357.5465	728.235	629.6206	397.5988	497.9965	457.4348	464.6636	658.8544	614.705
CUST_21376_PI429010886	N45105	0.001566	15	0						205.5955	218.9512	193.6603	198.2503	181.7752	162.3309	125.2532	173.2308	150.6325	196.7621	133.9267	169.2493	154.9827	165.2714	168.2678	255.5333	212.4692	238.2716	176.8268	181.5662	146.3743	194.9182	116.1174	148.1764	217.843	145.3839	193.7403
CUST_28778_PI429010886	N58603	0.001569	15	12						10.40254	9.828551	19.47657	16.63365	13.61134	9.805454	5.654986	6.954585	13.47393	11.50923	11.11474	11.31528	20.93304	27.025	20.73834	17.29417	12.18439	18.44318	9.731006	8.120251	4.277447	11.26684	10.52513	NA	19.09941	NA	10.59651
CUST_41501_PI429010886	M57892	0.001572	18	0						13.86795	10.91945	12.38947	7.794721	10.68692	6.51898	5.467898	4.737841	10.71996	5.394188	6.21618	7.636147	NA	NA	4.068968	7.884889	5.350654	12.4096	10.68521	13.30523	12.59239	11.62339	NA	8.388399	12.86683	5.191146	8.692145
CUST_32844_PI429010886	M5254	0.001573	15	12						23.98555	33.81529	32.11685	21.45154	22.5025	19.04367	10.94377	19.40477	22.38395	31.37784	28.27339	32.54126	30.77501	37.42448	42.16582	39.59771	28.53359	25.19447	25.30759	41.89757	24.34275	34.63858	16.81213	24.08567	30.59469	25.75936	28.6271
CUST_17893_PI429010886	N38786	0.001575	21	12						4.880377	11.54499	8.680488	111.4954	43.88387	132.88	61.2655	60.72981	62.71467	93.65476	10.40896	11.60477	134.4739	19.81178	77.85613	66.48727	17.11553	NA	24.42797	NA	29.11768	6.658652	5.765954	9.943996	10.36736	16.36632	8.864496
CUST_15566_PI429010886	N34796	0.001582	18	3	390343662	PREDICTED: zinc finger protein 182-like [Strongyloc			2.96E-13	7.380862	34.58756	14.27406	55.88861	22.89148	31.40253	23.44768	12.55145	14.41938	5.452395	4.464734	12.55757	11.56997	17.00366	6.126585	14.77827	4.725717	14.49586	20.47619	9.753321	23.47003	15.62557	26.96182	16.57948	11.97713	31.23112	17.78016
CUST_34380_PI429010886	M9490	0.001585	15	3						295.6383	249.6087	276.2557	358.1231	306.6802	422.7364	467.4407	350.2692	279.1338	153.5542	192.557	122.4191	243.3928	160.4369	235.7212	260.9414	292.8344	288.2901	300.2764	157.283	167.2954	241.9617	232.1818	345.5828	161.6619	169.1571	88.5487
CUST_6906_PI429010886	N20761	0.001588	12	0	321470670	hypothetical protein DAPPUDRAFT_211091 [Daphn	Metabolic process	Cellular amino acid metabolic process	7.76E-97	290.5429	440.6015	390.2834	281.2623	278.397	308.1438	227.9039	309.9578	328.7379	337.0926	351.9054	615.211	357.356	451.6758	467.8704	333.2881	249.8117	277.7171	315.5114	439.4127	338.6596	385.7092	329.8367	294.4013	348.0871	405.164	377.56
CUST_1436_PI429010886	N9625	0.001589	18	6	238476875	crustin type I [Macrobrachium rosenbergii]			2.87E-10	115.202	154.0476	69.39648	389.6265	336.8185	256.9966	1293.201	423.8598	1555.864	512.5692	118.2001	1385.628	741.4101	419.0394	654.4842	1619.494	995.2843	230.5203	169.847	362.4143	141.6867	712.9294	151.2719	637.7954	1174.011	455.5337	1493.465
CUST_9711_PI429010886	N25080	0.00159	24	15	357619676	hypothetical protein KGM_21935 [Danaus plexippu			5.3E-16	9.50058	9.424573	10.27676	4.404875	5.033531	3.659475	7.334339	11.84611	3.506989	13.26521	12.69324	11.11331	16.37326	11.18163	9.091001	10.66241	17.95875	13.57654	14.5219	9.361552	13.60227	5.04345	13.72842	NA	11.39726	9.766658	5.973441
CUST_37264_PI429010886	M18426	0.00159	15	0						80.54851	90.19499	NA	266.722	116.4584	79.48728	82.85967	NA	59.04082	11.14291	5.635016	NA	24.38855	18.03887	51.63118	134.2991	NA	107.4216	9.488473	8.451827	NA	74.88	10.6654	50.38211	50.09195	4.930846	8.430029
CUST_54037_PI429010886	M104199	0.001598	24	0						19.7129	10.96784	27.23134	16.07034	9.564156	9.020299	9.02447	13.00717	7.306974	14.54874	8.53722	14.62285	8.081076	6.51898	15.43278	6.698064	3.410235	NA	14.04977	29.95175	7.213856	NA	12.51827	15.69846	22.23551	24.93429	27.75224
CUST_17857_PI429010886	N38727	0.001602	12	3						9.318343	10.97938	NA	13.89365	11.27392	22.20774	5.682194	9.956467	6.076503	7.641633	7.460722	8.804214	8.050377	NA	13.04417	14.5269	16.18956	35.82003	8.92426	9.778317	12.12977	7.182647	NA	13.26174	10.44214	17.08381	10.51643
CUST_3180_PI429010886	N13962	0.001603	15	9						1070.582	1731.857	3823.851	1309.784	1606.044	762.5883	829.8828	3991.112	4253.825	8196.001	3332.072	7083.117	3020.819	5193.144	3988.418	5396.825	2030.719	1508.69	2397.429	3243.287	3006.75	10866.21	6091.908	1257.529	6267.492	4813.402	12214.41
CUST_28068_PI429010886	N57222	0.001603	15	3						8.585014	6.541514	8.335093	12.78607	11.28708	16.38019	9.635022	9.384386	8.92426	7.544684	7.48441	7.501961	12.32047	9.689869	8.113982	7.331706	9.654274	16.04554	13.44962	12.05492	6.28041	9.680237	11.56285	7.879494	6.808243	4.153912	5.185762
CUST_36709_PI429010886	M16612	0.001605	18	3						17.92979	12.75871	23.64437	24.0077	27.64723	36.96758	25.89264	22.1415	18.03173	16.71353	20.50362	16.73527	14.75247	26.90876	15.66178	12.91897	21.49011	19.84167	20.35771	16.75121	22.07787	27.90958	28.27971	20.36949	23.3977	21.28517	31.92079
CUST_38535_PI429010886	M27753	0.001606	12	0						72.5683	65.66431	86.61515	36.55477	46.83015	55.05996	37.00487	71.2192	59.93656	64.67521	48.59467	70.13143	58.81306	89.65503	47.71565	59.85492	56.88203	53.00119	57.22072	48.61666	56.9044	67.43306	59.69745	62.91706	93.32222	72.8742	84.73278
CUST_2525_PI429010886	N12561	0.001611	21	0						27.03609	28.40654	18.08701	17.69248	18.27296	NA	18.59144	15.2618	13.19231	5.76082	5.876373	7.548864	12.51827	16.25929	10.48257	19.2789	10.6528	29.74822	29.87357	7.596526	18.18378	22.33967	20.94928	13.63311	20.98935	18.38014	15.94162
CUST_13081_PI429010886	N30545	0.001616	21	18						118.1855	171.7601	139.7854	94.02768	119.0071	90.33731	97.25472	86.97645	100.5206	120.6234	110.1779	123.3055	98.23281	136.3233	122.3344	153.8888	81.71205	113.8053	139.9078	169.0201	137.4373	183.528	130.9315	129.9123	148.1409	110.5556	93.09068
CUST_44967_PI429010886	M67556	0.001616	18	0						64.87589	101.3025	66.54333	32.81991	21.12654	28.56717	23.12065	11.81158	17.70313	16.69153	24.46901	15.81697	36.41652	36.55124	20.43695	235.3955	6.090696	196.2247	43.19614	66.81139	54.04881	63.70797	4.690669	48.84923	25.69538	39.70836	NA
CUST_22661_PI429010886	N47416	0.001622	15	0						36.43958	55.31379	56.93106	24.16344	33.38032	20.50575	38.10393	16.10718	22.498	19.79375	21.74369	27.30762	32.64658	21.76863	20.87902	71.03904	44.20781	57.28119	71.3655	13.21509	20.54194	14.22529	12.11037	10.6154	58.85113	16.86851	46.80174
CUST_30940_PI429010886	M272	0.001623	12	3						1555.864	1691.46	102.6107	2573.258	1898.136	3380.982	1550.226	1502.524	1592.642	266.851	670.112	226.3675	1883.709	713.1739	1410.296	3116.138	2341.487	3815.349	2143.344	540.3776	429.7605	1828.604	70.3928	2107.396	1246.008	1718.489	34.02396
CUST_44486_PI429010886	M66118	0.001623	12	3						149.2677	117.7597	22.12824	289.3248	181.2698	326.6831	140.8976	131.259	133.0821	5.898499	64.46821	9.801459	142.727	63.43828	99.2894	165.1872	230.4843	345.8615	245.7815	42.98059	58.19889	138.5572	11.55275	242.6123	85.24568	91.76014	9.071169
CUST_21630_PI429010886	N45556	0.001624	24	21						29.93088	39.92653	34.34243	27.84094	27.61834	40.04686	30.19994	24.69322	27.09726	19.24083	37.79341	33.26161	11.92505	21.74647	21.72694	51.14708	41.85446	38.13783	32.16644	31.47618	42.36861	42.37343	78.18464	33.24682	52.45258	33.68381	48.21613
CUST_42589_PI429010886	M60659	0.001625	18	12						66.022	40.39881	68.74728	59.01989	40.66714	44.1334	70.14592	77.0714	83.27348	84.42877	67.48761	79.72112	60.61424	86.31209	81.95659	72.55294	98.32258	70.05382	66.07282	48.02842	37.74522	61.03108	66.1724	76.21767	81.19526	65.21686	66.64899
CUST_37023_PI429010886	M17592	0.001625	12	3						108.4314	58.92815	12.10865	559.3835	383.7251	914.3958	442.4276	354.9858	116.6405	21.0901	209.0603	11.68992	165.2432	15.7789	91.52825	17.74547	1036.073	623.3295	563.6523	146.5997	236.2204	20.87254	235.838	511.0593	5.204531	326.4884	9.621618
CUST_36450_PI429010886	M15926	0.001625	12	0						18.84012	15.59665	14.39924	11.69456	13.33083	12.95606	7.838281	10.47246	5.456718	20.90047	14.15378	22.1046	16.33689	17.74547	18.81645	16.84352	9.473492	14.5269	15.43638	11.58541	7.728763	16.97579	15.1983	12.32751	20.59244	16.15388	14.79665
CUST_5454_PI429010886	N18726	0.001625	12	0						321.4904	435.3919	487.5504	147.8481	249.9317	391.5964	57.64388	210.3141	201.1997	370.8487	142.6158	249.0492	286.9075	279.924	430.0642	278.4332	97.84604	285.0949	274.5781	110.8479	131.259	340.6846	67.04779	66.97079	529.2101	179.0014	450.7936
CUST_55756_PI429010886	M111610	0.001628	18	15						1335.768	796.5277	1166.811	361.1547	1342.932	646.5567	1569.266	926.3799	1016.492	2184.967	996.654	1074.839	1518.655	1470.792	1193.503	1360.127	1517.877	1754.186	1363.213	1335.768	1249.958	1228.27	716.6989	552.1675	630.6794	979.7027	1368.903
CUST_49486_PI429010886	M85836	0.001628	18	6						10.13796	17.97064	15.45319	15.74925	23.01614	19.34225	32.69174	22.40634	18.17081	13.80899	16.71789	22.83945	17.67558	20.78133	4.179746	13.78635	15.17526	18.39819	3.969366	10.13526	32.06361	19.23624	23.53859	37.06438	76.62962	32.09117	38.11258
CUST_21189_PI429010886	N44790	0.001628	18	9	310743898	glycogen synthase [Marsupenaeus japonicus]	Metabolic process	Carbohydrate metabolic process	2.44E-45	36.33335	36.77053	77.98525	23.99602	39.97268	25.58065	43.5699	70.46616	44.87442	81.73916	69.35049	98.88783	53.80851	46.93642	57.71752	24.94778	51.28378	39.59389	29.00747	71.11204	34.14862	36.4525	50.61028	25.71973	40.84912	39.31816	45.04433
CUST_30129_PI429010886	N61221	0.001633	24	0						573.864	502.1624	425.1252	360.4943	431.3053	466.6293	436.6018	375.4995	418.7921	467.665	488.0718	339.5005	297.0813	261.5579	321.6396	683.9239	422.0003	347.0333	256.5714	346.7902	352.3859	1151.226	376.3756	599.2901	949.0578	505.0665	614.0398
CUST_20061_PI429010886	N42735	0.001638	15	12						28.09932	34.32725	30.88019	22.43297	17.13916	22.13925	19.7129	22.45323	20.32835	34.45395	12.84068	26.89381	31.22768	36.44258	122.2962	30.52136	40.44714	28.47434	14.04228	23.18582	24.83327	27.46314	36.05492	18.4677	24.66303	25.20311	32.2333
CUST_34961_PI429010886	M11186	0.00164	15	9						158.635	259.2819	242.9037	172.3811	154.4215	101.8251	126.3127	275.0029	223.2254	373.9776	188.4915	274.4437	216.9753	235.3127	228.9832	231.6114	180.2796	185.168	190.8326	212.2832	161.7305	182.0796	189.5057	85.89616	295.7028	243.595	292.4718
CUST_6803_PI429010886	N20619	0.00164	15	9						60.5193	57.7399	61.99224	47.56602	39.39544	31.2907	36.16451	48.41716	51.18041	79.1048	54.77183	65.22887	54.79286	50.21619	48.15042	66.63641	47.71565	49.24687	43.16246	65.91381	47.60452	67.73286	53.02941	31.12088	83.91514	70.47227	82.73488
CUST_54189_PI429010886	M105005	0.001643	24	3						807.4639	2078.653	1044.56	2361.621	1150.815	2029.752	845.2412	880.6305	982.113	931.1392	556.543	1769.215	775.2325	835.1893	399.3695	1050.102	381.1947	796.983	486.1656	865.174	1228.741	897.4259	1484.716	1128.352	1361.981	1914.945	770.1948
CUST_45415_PI429010886	M69037	0.001643	12	0						22.6805	28.87134	28.6142	21.34103	14.35579	6.738368	17.70878	15.29709	15.8511	22.36804	15.55047	25.00635	22.85699	25.27468	23.09298	31.40893	16.55564	13.13227	15.28613	23.28835	20.37597	21.68921	17.17022	35.81064	33.04443	33.28088	28.88138
CUST_10321_PI429010886	N26054	0.001651	18	15						536.3308	558.7985	417.8136	448.5246	376.1818	429.0337	422.8357	436.0745	422.4541	451.4433	495.8952	573.2606	520.2836	491.1625	485.2041	537.8198	460.3656	541.4466	553.0837	593.6703	363.2975	450.9914	392.7033	386.9736	447.4667	448.4129	432.5053
CUST_12687_PI429010886	N29872	0.001651	18	15						1184.785	1441.16	257.9388	1004.403	691.1905	345.9305	171.1195	461.5523	240.0259	689.0956	549.9307	459.7686	634.2891	876.1774	990.5143	1172.181	869.0196	1325.228	383.5597	918.9933	804.5642	1765.654	805.2979	2112.767	80.1769	308.9771	347.5866
CUST_23293_PI429010886	N48582	0.001651	18	15						92.28356	74.07672	49.3486	26.05504	25.31087	44.08227	35.34739	45.14299	38.96253	49.49896	64.6187	40.20735	76.40353	54.48084	58.8975	73.51179	60.53435	46.06229	62.23219	39.01912	64.83329	55.37064	31.00211	31.82074	59.22278	31.90818	31.60336
CUST_6718_PI429010886	N20506	0.001654	18	9	321471179	hypothetical protein DAPPUDRAFT_302543 [Daphn			2.14E-68	84.81787	335.9236	265.9908	251.7868	247.961	108.4414	343.4753	1101.197	750.8373	671.3234	767.811	1061.463	984.6642	334.379	558.6606	478.074	427.4471	213.6068	168.4961	2108.426	509.3966	165.5033	444.0863	168.7755	187.869	391.7449	508.4411
CUST_36842_PI429010886	M17008	0.001655	18	15						1539.294	2097.241	335.0674	1486.604	853.1958	441.0416	228.3459	610.0761	254.9115	843.5117	685.1065	469.6397	731.4443	1011.26	1143.075	1575.017	1045.476	1494.238	469.1551	1209.365	1175.49	2448.925	829.599	3134.449	113.9625	408.1397	532.1598
CUST_8031_PI429010886	N22445	0.001655	24	6	507936066	PREDICTED: LOW QUALITY PROTEIN: type I iodothy	Metabolic process	Other	1.41E-36	352.6729	367.7937	568.2975	410.4134	421.3888	195.9916	537.3115	557.9517	486.8632	337.3994	785.0368	761.7734	442.1751	305.3843	271.2785	388.0401	203.8319	298.6335	324.5263	732.314	294.8656	201.1997	252.9891	123.1377	191.7619	196.157	343.1257
CUST_28774_PI429010886	N58595	0.001655	24	18						43.83694	38.75385	36.45907	26.54593	40.41132	41.28609	42.32826	29.35866	33.1071	48.44291	41.67823	36.44639	43.1527	38.50305	41.00395	43.68382	49.24687	43.54805	51.16457	52.34805	46.53779	64.72483	35.96862	45.99667	55.29319	49.39411	35.11191
CUST_25996_PI429010886	N53462	0.001659	24	15						180.9317	218.1405	362.5859	84.376	120.1854	137.7783	275.0029	124.5927	189.6625	225.7224	162.6703	151.2877	171.0319	222.6303	159.6853	356.0402	284.2107	486.1656	236.2498	258.602	248.1135	254.1554	364.2987	137.1593	384.8393	153.9132	230.6845
CUST_48681_PI429010886	M81606	0.001659	15	12						819.682	1959.594	1355.174	401.0158	459.9274	175.5219	2982.876	1841.426	5356.619	2204.613	836.4238	2970.275	9320.998	10610.68	8709.952	8904.357	4058.299	958.7977	1918.015	1632.477	1291.558	2576.961	1543.721	1777.79	12610.19	1350.099	18178.95
CUST_1621_PI429010886	N10255	0.001661	12	3	345484953	PREDICTED: hypothetical protein LOC100121042 [N			3.5E-25	4839.291	5888.291	1450.058	8745.677	5125.683	8117.934	5039.929	3219.948	4232.305	1435.814	2408.505	1627.802	4208.899	1849.813	4274.83	4440.858	4787.683	6100.209	4371.861	2013.592	2067.695	3886.072	1627.802	4887.374	2459.721	3905.483	1594.166
CUST_10099_PI429010886	N25691	0.001661	12	3	152013699	putative cuticle protein [Artemia franciscana]			1.19E-09	193.4709	85.17215	18.32903	863.1365	396.1095	1315.839	159.5837	339.9729	135.2525	6.396975	80.55811	17.58162	156.1682	57.96698	125.7351	334.0181	211.4751	482.5207	221.9975	18.58338	55.78991	124.8931	27.17883	426.3841	11.30649	449.7775	167.8299
CUST_17510_PI429010886	N38094	0.001661	12	3						704.7831	755.8427	429.2473	879.939	645.5341	1038.465	660.0703	536.8972	558.6606	385.8062	438.3419	483.0972	625.1793	512.1412	729.1026	718.6829	763.8572	855.518	646.7171	634.1523	513.6722	635.813	423.5928	657.6448	431.93	768.7795	379.4393
CUST_39916_PI429010886	M46775	0.001674	18	9						60.6077	56.11071	66.73255	48.33618	60.95703	50.41901	48.72124	62.583	55.49391	83.45905	78.86687	88.64024	79.49534	87.51279	66.60001	86.99215	71.16635	76.17525	63.65227	75.46943	69.89082	84.1835	65.88576	46.53779	82.58698	76.21064	106.4186
CUST_4334_PI429010886	N16530	0.001674	18	3						74.97848	95.62622	137.2358	151.12	122.4667	115.4907	82.30578	93.9354	58.01161	94.02768	44.41825	75.25456	77.70756	83.88709	100.0727	59.78571	67.10317	47.92719	86.45155	78.30552	121.2697	95.44	125.1948	85.29111	81.72278	110.0025	91.27166
CUST_45309_PI429010886	M68663	0.001676	21	18						45.61505	41.98854	31.67165	23.32541	21.70901	31.71188	30.34438	31.77739	35.03522	45.79823	35.54095	42.18155	23.55239	43.54805	41.99242	63.55528	30.94543	45.59444	41.28276	42.78573	46.37649	54.79286	37.86509	35.77567	30.10596	29.06792	38.49034
CUST_52026_PI429010886	M96128	0.001679	12	3						13.54942	11.20539	45.62376	49.73229	25.89483	75.2717	30.48251	28.05565	13.80995	8.964575	10.57353	7.387333	17.53908	10.20122	12.22313	10.65167	52.16399	51.88614	46.22541	6.788713	9.202277	3.784276	7.277507	27.53905	9.525782	27.63541	5.979704
CUST_43574_PI429010886	M63378	0.001681	15	3	322786964	hypothetical protein SINV_02452 [Solenopsis invict	Response to stress	Other	3.27E-83	43.57816	29.09978	29.08411	63.78205	30.38651	89.02227	48.94359	27.85864	29.29818	39.40978	56.7825	33.51766	25.25877	25.56096	29.86056	46.74005	80.71386	52.58293	74.06105	51.84431	61.64233	52.05083	51.11982	51.69686	40.34891	45.2026	31.34117
CUST_21217_PI429010886	N44836	0.001681	15	12						106.7633	113.8462	126.7035	68.35087	92.07382	107.9228	68.4981	85.84413	87.07504	132.5919	82.19809	171.784	108.1985	114.9975	156.2777	118.04	107.3414	123.3316	84.78816	108.5891	98.52867	105.2326	106.8828	68.56896	100.4962	108.2254	118.9466
CUST_35714_PI429010886	M13287	0.001688	24	15	170574609	Zinc finger, C2H2 type family protein [Brugia malayi			1.86E-32	12.14051	20.09233	NA	5.548767	5.498601	6.152945	13.68809	7.752552	18.53665	24.62111	12.30868	14.4735	14.30893	18.15993	14.63359	27.27727	15.47031	20.03408	19.38333	19.39216	7.520119	30.2585	9.322057	8.92426	13.86795	8.607023	14.20169
CUST_14678_PI429010886	N33280	0.001688	24	18						17.25469	14.34788	13.68935	18.74405	4.094799	19.06154	12.20158	16.51009	13.97054	10.62972	8.461505	14.97661	9.719917	26.36808	5.088083	24.2001	15.7577	29.26863	23.13514	21.13597	22.38584	23.71505	19.96449	18.00776	16.21863	19.63631	19.57413
CUST_44336_PI429010886	M65656	0.001695	18	12						15.42925	38.60384	35.85651	20.50362	14.48423	13.76394	13.74195	18.56074	21.93409	27.49771	34.86128	39.77522	30.93804	65.99023	26.50702	43.81006	16.94759	26.28688	34.02862	35.48044	23.80171	23.18582	13.07663	6.652893	19.31076	38.74854	28.87134
CUST_56200_PI429010886	M113087	0.001697	18	3	56968035	Homarus americanus internal transcribed spacer 2				93952.87	102282.3	97928.01	107232.5	108910.4	92382.94	98448.52	106276.7	92382.94	118691.9	93952.87	105375.3	104856.2	92382.94	93467.7	83322.86	91927.09	67921.27	88276.1	82404.75	107761.9	107761.9	126138.3	111801.3	101693.2	108311.1	102282.3
CUST_32079_PI429010886	M3184	0.001697	18	15						86.56723	95.689	73.29485	62.70814	67.67878	58.60996	62.6571	97.4551	80.02167	110.0025	76.94138	88.85357	83.57768	74.41568	87.5248	105.9444	83.97119	90.89001	77.1205	90.85633	77.18845	67.52947	75.11707	74.80865	77.92872	60.77736	86.54824
CUST_55948_PI429010886	M112247	0.001701	24	21						45.47762	38.33878	37.34484	37.34183	42.84657	32.16644	41.46823	35.51693	45.39895	37.23147	29.24887	31.87279	33.67567	38.44451	42.65121	46.08794	37.68293	41.82918	48.53823	28.27971	41.67274	52.26081	42.58462	47.0949	42.1461	45.58985	43.46213
CUST_35243_PI429010886	M12030	0.001701	24	18						641.5416	708.2954	674.4353	657.8288	628.6974	644.1161	515.4056	617.3843	611.8341	712.5461	597.0282	810.6402	582.1613	754.7954	687.7759	959.9717	649.8854	678.3407	781.7106	844.3643	808.7225	842.6525	781.7106	682.9708	898.9921	693.7505	857.1846
CUST_37641_PI429010886	M20124	0.001702	15	12						13104.17	9207.498	9530.181	4253.825	6903.073	6794.71	7890.624	7060.087	7266.955	7864.497	7560.283	9726.619	9855.517	11222.08	9756.741	9541.284	6577.842	9530.181	5811.899	12584.81	7373.59	11864.38	7450.764	7338.425	9046.466	7479.639	9588.886
CUST_22038_PI429010886	N46311	0.00171	18	12						13.57374	23.5585	20.28061	7.752552	6.625606	9.119784	8.534666	13.91147	17.11368	13.37557	12.85382	8.838077	15.94807	21.92529	23.03149	20.33392	14.60212	16.1997	8.726312	19.23258	NA	12.16991	9.55327	10.17288	12.32604	18.78041	14.21644
CUST_41548_PI429010886	M58006	0.00171	18	3						15.9338	32.52687	11.81981	38.25121	19.37234	24.16344	14.80182	15.55047	20.07409	20.55898	11.55822	18.12711	15.72131	11.4768	14.2617	13.80154	15.1699	16.54136	18.77363	23.29812	24.77587	18.72449	30.72417	23.4957	26.95518	15.51227	21.59935
CUST_14130_PI429010886	N32372	0.001712	24	15						404.8094	565.0414	421.3888	383.1748	375.8398	430.8818	342.1102	342.5053	286.5693	328.7379	469.28	466.1947	360.1121	362.1101	418.1195	741.9924	646.5567	802.795	582.4599	531.9567	494.0702	300.3777	266.1879	435.1229	800.6759	400.6975	611.8341
CUST_35865_PI429010886	M13753	0.001719	21	3	270004597	hypothetical protein TcasGA2_TC003961 [Tribolium			1.44E-08	72.59952	85.99449	77.25415	151.4326	105.5089	96.19258	80.68886	71.11942	81.27628	65.10535	48.91662	60.80817	51.73412	86.13317	33.76983	72.44795	44.69546	69.98559	438.5463	57.42327	117.3341	75.23604	122.3764	67.02702	114.8221	129.735	72.84145
CUST_7496_PI429010886	N21629	0.001719	15	0	383861539	PREDICTED: myosin heavy chain, muscle-like isofor			2.66E-18	260.9034	312.9412	266.9045	167.2954	256.6122	232.0593	202.4041	245.8233	217.9412	276.4162	187.8401	306.8772	243.3133	240.3331	231.6114	280.2255	344.3603	273.6399	290.4297	263.345	271.3099	222.2031	245.7365	204.7693	252.9368	228.1481	246.3468
CUST_34743_PI429010886	M10527	0.001719	18	9	242014362	conserved hypothetical protein [Pediculus humanu	Protein metabolism	Proteolysis	3.45E-72	202.005	197.1531	207.7427	145.4402	181.8416	160.778	138.2104	151.6818	197.4111	245.0768	246.2665	290.5429	200.6981	219.1881	243.9881	272.2987	210.2559	203.006	183.8985	345.3079	199.0448	241.0332	175.5504	184.9236	199.4834	194.7223	253.3046
CUST_56550_PI429010886	M114078	0.001719	18	3						56816.44	73854.47	57772.94	87164.76	67520.86	81077.7	54053.67	59179.05	59745.46	64571.61	45577.47	71869.37	53582.06	58936.46	28752.77	51921.46	40491.1	47937.32	45970.08	64763.62	73854.47	62855.9	66128	62198.15	64277.46	79324.15	49052.57
CUST_26522_PI429010886	N54391	0.001719	18	3						1113.282	1248.908	1798.294	4165.771	1918.897	3108.301	1374.989	1801.38	1261.41	1081.506	642.4467	2475.35	1209.365	1327.226	1056.312	275.6487	713.6188	1377.953	423.767	1761.883	1472.13	2304.824	2005.797	796.983	1447.664	1791.281	1362.62
CUST_45524_PI429010886	M69376	0.001721	24	21	471224014	ubiquitin conjugating enzyme, putative [Ichthyopht			1.8E-16	17.03814	19.2011	14.66496	15.59858	13.87668	18.32343	17.33525	18.77767	14.75825	10.80445	11.4747	6.626935	15.30361	14.32775	15.78045	35.1468	5.801755	21.52267	14.66262	4.424481	21.45407	28.49131	22.80223	42.0037	29.28006	16.82798	22.60454
CUST_10197_PI429010886	N25855	0.001724	15	12	431838964	Lymphoid-specific helicase [Pteropus alecto]			6.84E-07	53.76881	47.80852	63.22526	37.68617	31.37091	35.33485	43.71768	95.02448	91.6203	81.48802	43.62743	63.96858	66.59221	89.50659	72.69379	53.9799	68.19793	57.00393	56.63191	40.34891	40.67771	63.1995	68.34468	40.34341	83.64909	47.01793	81.36657
CUST_23425_PI429010886	N48819	0.001724	15	12						32.86388	16.42533	33.80016	31.19161	23.33049	25.5782	22.16397	20.42712	13.60227	32.27766	20.21835	49.74933	23.41598	37.70765	45.11939	29.08151	34.63137	42.71532	13.29917	23.92174	38.8107	13.23813	18.83139	20.87033	27.65968	29.97696	41.73826
CUST_29939_PI429010886	N60852	0.001724	15	12						50.65259	49.38887	50.52879	39.60553	29.60636	34.26964	46.22951	42.34172	56.69148	55.55289	44.20781	53.38747	51.5559	62.66235	61.19321	66.18886	54.86156	47.15148	51.93952	42.9717	43.0244	54.87756	45.93195	45.44604	60.74611	40.90818	47.19565
CUST_51862_PI429010886	M95432	0.001729	24	18						12.0173	10.8979	NA	NA	11.56735	8.563205	7.846171	4.745595	4.989644	6.435319	11.63036	6.881575	6.740179	6.989719	5.56425	6.641946	10.10842	15.60693	10.64343	31.25182	17.74547	14.16669	NA	NA	7.882812	NA	14.27753
CUST_43448_PI429010886	M63091	0.001731	15	0						358.225	195.1137	343.6779	252.4045	223.3365	292.4718	306.1523	217.0351	184.2548	155.1933	173.9653	113.9999	200.5357	260.055	200.0776	219.9262	325.7489	225.8926	346.5286	214.59	209.1269	254.0567	265.9908	326.7477	193.7403	152.424	123.1377
CUST_14007_PI429010886	N32164	0.001735	24	0						23.2088	33.1071	30.44396	49.56436	25.8552	26.91205	32.42745	11.4747	8.670788	21.99795	14.31095	13.49842	12.01073	18.56806	11.13919	18.84163	16.86404	19.58019	26.1771	19.51952	26.25702	24.33679	28.74055	13.93436	37.12735	27.44183	17.82897
CUST_54788_PI429010886	M107682	0.001742	21	0						20.08095	42.45161	NA	33.12696	16.50813	27.79833	15.06535	12.23764	4.589743	5.743146	11.28527	NA	21.49674	10.14742	22.29224	46.19013	NA	30.14229	16.37326	NA	NA	42.85091	NA	44.42212	14.83326	29.21913	6.706567
CUST_9370_PI429010886	N24503	0.00175	18	0						106.2741	144.1452	104.2639	80.23994	81.54717	74.40778	78.13459	65.99744	80.48768	88.83369	77.18047	89.41173	94.65769	104.6405	82.57755	125.408	67.86664	98.85463	84.93968	103.1477	82.13647	111.9132	94.51496	89.60537	88.82378	61.06386	71.5379
CUST_15552_PI429010886	N34772	0.001752	24	15						633.8371	862.1393	581.9863	639.8175	575.5153	576.5142	557.82	472.0832	550.6217	773.1832	617.029	726.329	569.2573	593.1266	663.1345	880.2112	770.1948	885.0858	728.0084	666.5369	646.4459	929.9665	516.0613	607.2425	858.518	618.6744	710.22

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_41187_PI429010886	M57091	0.00176	15	9						70.63158	91.48208	47.47988	26.16563	50.20569	50.68297	45.18835	60.47407	68.8749	89.28732	56.85652	92.38118	60.80176	45.6737	52.99425	64.77801	51.65313	45.60489	42.81164	54.64962	29.73496	49.2211	31.33759	38.28234	76.82831	75.72117	77.50869
CUST_23438_PI429010886	N48844	0.001765	18	3						105.4104	185.6237	134.8627	512.8422	133.7749	227.3812	100.3042	86.78972	92.28356	94.06166	45.9505	182.9296	57.1457	129.6562	74.7266	51.89822	33.23976	116.3422	57.5238	76.39741	139.8135	123.794	195.1137	135.3773	147.098	132.8034	91.29321
CUST_27356_PI429010886	N55899	0.001767	15	12						2088.06	1718.489	5580.063	616.6013	814.2205	916.8157	2380.879	9087.177	4297.995	4729.674	2107.396	4566.893	7701.667	7890.624	4368.248	1331.007	2645.933	1268.692	2147.931	2336.801	1744.83	5620.472	4404.238	2325.953	5372.754	3046.724	6827.005
CUST_18964_PI429010886	N40733	0.001772	21	3						13.86351	13.06491	10.38108	NA	10.79421	15.84737	15.1027	6.673444	12.72931	12.75871	10.76694	6.101292	9.915982	10.46038	14.24812	9.928249	6.712633	9.907267	6.264624	13.24259	9.868667	15.27365	11.00948	9.993532	16.27641	13.50907	16.15388
CUST_24296_PI429010886	N50376	0.001773	18	3						25.6683	33.42247	25.97694	39.53783	35.31845	35.83833	19.08808	26.67261	27.99024	26.83617	26.86002	17.94144	17.25129	18.13922	23.63048	38.25818	19.45151	52.08136	29.93088	31.48252	39.93142	50.33169	29.42815	33.40939	36.34774	25.97297	32.15263
CUST_15834_PI429010886	N35220	0.001773	24	21						25.57234	11.06119	16.56157	15.24741	13.16084	6.752371	10.25912	13.27508	13.32777	21.68053	12.14502	7.832427	7.159766	7.17066	9.099665	17.93802	26.0521	14.32141	24.60687	8.176012	11.24362	32.38525	26.74645	13.57654	23.91945	22.01914	20.07209
CUST_8477_PI429010886	N23099	0.001785	18	3						26.37273	22.84941	41.92727	41.77165	38.92288	41.41686	57.45413	12.40087	41.76704	30.19656	15.64186	30.29325	11.51911	20.49048	6.718366	27.23432	35.6284	11.71083	23.62598	32.8723	59.15067	33.56673	80.24894	42.61497	49.37485	49.81001	23.5201
CUST_34960_PI429010886	M11185	0.001788	18	15						275.8944	355.9452	285.3755	247.0952	290.2221	296.0085	235.8718	287.2755	202.4642	327.031	261.6417	244.1579	249.7124	339.1595	356.8337	364.6302	356.9822	263.9041	312.8606	272.019	225.1487	318.8664	245.2785	219.0917	238.8599	211.5909	239.3501
CUST_12721_PI429010886	N29935	0.001788	18	9						592.5758	495.7193	594.7631	285.8071	408.0489	428.7157	477.4078	404.3563	445.0547	686.3511	702.9226	671.3234	541.9679	516.8489	636.3168	681.8773	641.17	602.798	484.9716	495.8952	472.1948	480.1775	592.7227	559.8475	533.5457	699.0502	446.8256
CUST_16477_PI429010886	N36299	0.001788	18	15						14.54005	17.25706	22.61376	10.81017	21.22623	16.94555	9.39688	10.91573	8.062208	30.515	19.92894	25.27977	17.28605	20.06809	20.00381	30.67432	21.92688	23.23746	17.86761	16.67878	11.36635	20.10727	8.830666	11.07003	17.02696	3.244273	18.20163
CUST_50790_PI429010886	M91019	0.001792	18	15	283475796	scalloped protein, partial [Parhyale hawaiensis]	Nucleic acid metabolism	Regulation of gene expression	1.71E-59	18.82343	19.06154	34.62871	3.928419	10.91945	18.32163	30.50322	18.69493	26.05952	17.76635	18.61312	23.31758	28.49131	25.18558	31.03981	26.93068	24.91029	34.05422	27.7492	29.09612	8.41226	15.63777	17.84645	15.35699	31.0325	23.46752	17.57463
CUST_16591_PI429010886	N36516	0.001798	24	21						21.57256	19.25031	12.38626	23.80497	8.559956	9.09473	4.424908	4.971102	10.10287	18.90775	12.47217	15.13796	8.488945	9.676508	10.14742	24.40654	12.85234	17.27797	NA	19.25911	38.87769	21.07244	18.10067	19.4542	21.39305	17.50362	15.76954
CUST_22665_PI429010886	N47420	0.0018	24	0						86.97645	61.48326	64.6187	56.37885	43.07866	57.84964	60.82114	44.18048	68.48249	60.26272	53.02941	58.99785	36.95565	53.65979	48.56555	59.48755	60.86834	58.76571	57.10423	64.3589	59.20737	84.63515	42.22821	54.4744	118.1621	62.08961	81.54717
CUST_45180_PI429010886	M68247	0.001806	24	12						12.94753	7.72352	13.16261	7.807289	10.68521	13.94454	13.98352	16.17213	10.36906	12.88124	15.7975	17.51958	13.64729	23.69772	16.95326	10.98274	NA	24.08827	13.6708	12.84456	19.15374	9.457848	14.37562	10.16697	12.81928	5.223476	6.673444
CUST_29401_PI429010886	N59793	0.001806	21	15						206.8694	192.8746	169.802	182.1441	183.2048	203.9546	180.1966	171.0565	160.7305	191.0009	178.9755	169.3227	194.0018	193.9282	161.5046	229.3254	235.3617	208.5959	219.5762	206.4448	175.5504	205.7682	199.3094	177.9616	212.3072	172.854	172.5457
CUST_42676_PI429010886	M60934	0.001809	15	9			Transport	Other		45.86806	50.42448	32.73413	37.05276	33.52987	29.35151	51.76265	64.10673	68.0898	60.74611	52.31892	69.16983	46.93642	69.16983	69.216	49.45564	70.58805	45.3426	45.82004	62.01844	44.7891	55.85206	39.63103	50.79816	74.316	50.84587	71.77967
CUST_10763_PI429010886	N26749	0.001812	21	18	260824441	hypothetical protein BRAFLDRAFT_118643 [Branchi			2.82E-78	9.712939	7.643809	NA	17.15702	5.608378	NA	6.963361	5.756675	4.701277	9.135099	4.035562	4.297229	12.98781	13.40222	9.810562	11.23845	11.2915	13.22555	12.42241	108.1985	NA	6.256959	11.6989	NA	7.437557	7.88886	7.544684
CUST_48126_PI429010886	M79000	0.001817	18	0						102.8187	63.42473	86.58356	18.3383	62.54934	28.6993	40.30994	44.25502	53.26961	58.55654	34.60204	49.16013	54.69269	45.2318	46.11982	87.57209	62.44513	73.29485	56.68336	64.08758	65.47772	59.0899	87.899	31.90127	42.12986	48.30048	29.02633
CUST_11358_PI429010886	N27684	0.001817	21	3						12.23764	9.554371	14.02425	17.23326	24.72089	17.25337	13.28694	13.15128	12.65519	17.33078	9.896666	12.82338	15.1999	15.21234	12.78901	8.847678	6.477097	11.2694	12.81312	9.447649	12.04766	17.61145	23.3977	5.638886	14.04066	16.40766	14.70096
CUST_56081_PI429010886	M112708	0.001821	21	3						958.279	1644.909	1251.807	2608.992	1402.469	1469.038	1073.06	854.4458	1045.476	1296.243	609.6635	1020.365	409.4886	884.6458	758.1826	1137.917	428.9575	908.1498	534.723	587.9777	1901.328	749.2477	1918.897	866.5099	1982.266	1610.651	921.275
CUST_13225_PI429010886	N30811	0.00183	21	18	67083823	vitamin K epoxide reductase complex subunit 1 pre			8.46E-39	143.8077	119.3258	160.804	99.2894	107.884	89.59424	109.4422	105.2191	113.1427	157.6076	125.9453	180.4354	129.8119	136.2923	140.8807	199.8275	95.7582	131.1566	138.133	151.9486	144.2774	166.1651	136.6153	127.6888	120.1521	94.79905	122.8849
CUST_38289_PI429010886	M25061	0.001832	15	12	7320913	masquerade-like protein [Pacifastacus leniusculus]	Protein metabolism	Proteolysis	1.99E-47	4506.751	4471.709	4955.555	2587.199	1713.527	803.3312	4873.025	4201.227	6011.008	6474.137	2020.188	4823.273	8188.092	6336.037	8024.987	9193.951	4553.274	2932.434	3020.819	4992.636	2679.021	5553.587	5534.91	2906.073	12422.81	3187.857	13649.38
CUST_11282_PI429010886	N27556	0.001834	18	12						315.3064	315.7757	302.6146	267.5328	269.6262	266.316	349.4134	249.3051	353.785	366.9733	290.8954	358.4083	423.4903	537.0505	423.0023	438.9413	320.2376	323.3503	417.0088	268.588	371.903	403.5814	303.854	265.2111	429.6585	294.9448	511.0593
CUST_36319_PI429010886	M15574	0.001837	21	18						423.1161	475.5299	392.5464	422.4541	334.3349	304.0369	344.0991	271.1281	285.0949	378.3563	294.7498	417.2023	370.13	446.2007	447.351	478.2055	309.2864	355.2567	448.5246	445.1412	380.9707	537.4529	382.5164	395.2528	333.6383	375.5434	348.178
CUST_55894_PI429010886	M112034	0.001845	21	3						13.97697	10.82077	12.96922	12.36577	13.70684	20.75541	8.287779	13.14971	14.05746	17.46899	11.91263	13.10203	7.451482	11.59303	6.417851	17.08553	4.733482	13.55604	5.452395	13.29212	10.04101	11.6401	14.28145	19.10728	17.54669	22.85123	19.38333
CUST_42208_PI429010886	M59692	0.001851	15	0						12.49899	NA	8.167031	NA	11.77644	14.03086	NA	7.159766	7.678477	5.654986	4.166725	4.430407	10.70475	10.99683	7.0824	6.102462	21.3197	12.40589	10.2375	NA	6.990585	7.842686	6.048524	17.23883	4.885718	7.556212	4.875781
CUST_21593_PI429010886	N45491	0.001851	12	9						18.60572	11.68718	9.560965	25.00865	4.917976	8.880423	6.902769	41.48365	8.585981	45.73763	25.54204	40.98995	11.18034	10.74554	10.68521	12.89444	6.177678	3.422715	11.54499	9.418869	4.025715	34.35609	27.01225	NA	14.39787	18.37554	12.98669
CUST_44049_PI429010886	M64763	0.001853	15	12						140.3479	134.1249	149.8707	116.7797	102.8077	93.66147	110.6582	110.3267	118.0698	148.9974	125.5654	146.3194	110.3957	164.3802	147.4899	140.6597	98.05949	150.7391	107.3899	116.3422	125.3729	136.8075	118.7113	110.4288	145.4981	138.5342	192.8746
CUST_51322_PI429010886	M93072	0.001853	15	12						34.70757	25.69538	33.42828	11.27249	27.74158	11.95869	14.05335	32.87464	43.37513	36.71638	26.6839	26.52223	34.78955	58.23835	33.7538	32.64236	28.34801	18.15141	21.70044	24.03363	30.85363	32.01382	24.01772	20.96144	49.0094	32.41392	59.55765
CUST_32608_PI429010886	M4562	0.001854	24	15	443728134	hypothetical protein CAPTEDRAFT_180561 [Capitell			8.25E-97	55.6145	36.04391	53.62183	21.20179	35.53745	36.86394	42.31429	43.97432	35.89324	44.43928	59.6278	52.00681	39.18988	48.45867	43.56595	47.06225	86.7376	48.98425	62.36898	56.89076	38.89335	39.52535	59.22278	62.96106	38.25818	35.97087	48.13849
CUST_8992_PI429010886	N23900	0.001857	18	0						106.5352	46.95122	133.4278	44.48912	45.45196	40.53465	59.48243	53.22735	33.94751	42.52496	25.75668	20.29379	40.32605	26.75249	36.12998	34.71503	79.13143	27.72618	86.91384	36.63834	67.46884	31.54852	73.95574	69.2413	15.11766	23.35223	27.87681
CUST_36158_PI429010886	M14836	0.001868	24	18	328719285	PREDICTED: band 4.1-like protein 5-like [Acyrthosip			1.08E-21	NA	7.994315	12.21859	7.184973	5.636736	5.914907	NA	11.72847	NA	6.820714	5.489718	6.684024	NA	8.897078	7.022738	43.33449	8.309227	12.73861	NA	13.13514	NA	8.297472	12.36577	15.18207	12.00666	7.228787	4.917573
CUST_45529_PI429010886	M69392	0.001869	21	3	528521826	PREDICTED: CCR4-NOT transcription complex subur	Nucleic acid metabolism	Regulation of gene expression	2.07E-19	24.32573	47.26675	25.88533	81.86063	34.47136	56.22954	26.49443	35.09192	27.95174	22.96785	13.51311	36.37157	13.09346	46.45397	12.89444	23.54635	16.11142	27.68808	16.03532	18.18164	48.22079	25.56608	47.10091	24.04991	51.80467	40.74077	29.64209
CUST_26986_PI429010886	N55227	0.001872	24	0	443694929	hypothetical protein CAPTEDRAFT_92139 [Capitella	Signal transduction	Intracellular signal transduction	6.24E-17	16.16098	16.4753	15.16191	11.0429	12.85919	6.62121	10.06298	18.42118	8.413487	12.27296	17.4379	7.538194	NA	NA	9.965323	8.161195	5.274791	14.39574	15.13796	8.972594	9.339132	17.3225	20.35771	13.92025	22.63022	22.64961	26.48831
CUST_24772_PI429010886	N51228	0.001878	21	0						31.78356	26.58577	38.32695	25.44661	20.40858	28.47733	23.64694	21.68228	24.39614	21.28517	20.8433	14.62912	11.78251	22.64182	25.42895	31.76384	18.48661	74.4613	27.7391	29.10818	21.77287	28.45405	25.9871	29.28327	27.87322	23.32541	17.22674
CUST_35576_PI429010886	M12933	0.001882	15	9	383855296	PREDICTED: vacuolar protein sorting-associated pro			1.98E-30	93.17664	94.41213	146.2811	68.14294	77.1205	53.91424	93.49845	128.7498	77.72793	180.731	131.8938	135.3397	137.2513	154.6801	115.9016	129.896	111.4482	111.637	161.5934	110.6582	100.468	111.5107	138.6787	102.2413	150.242	117.4071	177.758
CUST_46535_PI429010886	M72929	0.001882	15	0						50.47205	27.43923	35.00516	35.63872	31.82074	26.16206	27.40178	25.83743	25.19666	40.64326	34.32332	22.18561	34.39152	28.62456	28.01496	43.60712	34.58379	38.24021	35.44133	31.31344	39.79718	24.35068	29.68582	16.48468	33.44293	18.32343	31.81697
CUST_14142_PI429010886	N32388	0.001885	21	15						198.4783	202.0834	168.6167	100.5206	162.9465	136.4108	137.4942	103.2145	114.2624	157.5503	157.0047	121.1298	111.1235	130.3328	139.8135	249.3844	175.6005	200.8366	155.7184	215.8293	181.2412	202.301	182.8475	136.2319	178.0976	148.9131	156.9838
CUST_11525_PI429010886	N27969	0.00189	12	6						8.618402	6.699155	14.1603	10.01823	19.01018	NA	16.32704	16.4683	12.90641	13.15317	27.06658	11.54827	NA	4.702682	6.9339	11.28527	14.86089	11.75603	18.4372	14.73825	16.69153	18.65856	12.64728	NA	5.277704	9.712939	NA
CUST_4942_PI429010886	N17855	0.001893	24	0						65.80017	61.11029	57.60743	58.8975	38.06764	53.38747	44.01861	40.57649	50.403	39.40002	30.64706	35.83044	28.36576	58.92238	51.02755	55.99321	36.96378	65.13281	48.08498	49.52577	48.48483	53.0654	58.36485	48.99962	69.07358	43.74674	61.53942
CUST_51324_PI429010886	M93077	0.001893	21	3						7470.617	12563.99	11524.4	24478.23	15271.23	18337.68	6350.776	7154.842	11729.06	9715.562	6840.698	17436.39	7435.628	7212.951	5454.8	12313.28	4909.967	10819.14	4353.113	9839.748	14054.76	7901.818	13177.04	10729.62	15389.68	20138.4	10259.45
CUST_26190_PI429010886	N53824	0.001896	24	21						15.84016	23.12649	17.78837	13.10821	15.88827	10.78323	9.54588	12.79498	10.93186	14.88541	11.89545	24.73576	17.51307	15.16804	13.85408	26.0056	12.08102	19.80692	15.9031	18.15993	20.25674	22.45323	17.33525	21.8835	26.47171	15.42925	14.61408
CUST_52516_PI429010886	M97743	0.001896	15	12						402.5662	387.8661	481.1352	267.7292	261.8822	170.8077	298.3902	347.3822	420.2091	518.4033	322.9938	383.7894	391.4581	563.6523	368.2489	350.8381	334.4771	286.6201	383.8497	246.1531	286.4677	364.5694	383.225	253.3366	535.7875	298.0928	410.3497
CUST_39940_PI429010886	M47110	0.001904	21	9	18266071	collagenolytic serine protease [Paralithodes camtsc	Protein metabolism	Proteolysis	4.48E-29	39.126	34.15826	58.14864	50.90637	43.18546	65.95253	68.24733	81.16843	69.68123	67.68545	87.63509	79.49534	48.39289	61.95208	57.92486	46.39793	81.73916	55.47209	53.20016	84.85912	64.98263	29.45836	62.66235	47.80852	60.5193	72.05058	62.26361
CUST_6232_PI429010886	N19820	0.001909	18	12	443719661	hypothetical protein CAPTEDRAFT_160702 [Capitell	Metabolic process	Lipid metabolic process	3.3E-114	329.7729	329.0332	379.6269	247.6419	295.7576	202.438	291.5581	488.7111	437.8204	480.665	440.5078	409.0918	513.2283	497.8615	409.4886	366.089	402.6363	280.5674	495.8952	639.1213	399.5497	246.4302	403.6614	210.3675	310.0283	419.5293	527.7394
CUST_54948_PI429010886	M108233	0.001909	12	0						263.2372	229.6568	309.9578	214.4744	235.7566	219.7388	211.0494	244.9337	224.4715	249.9317	248.7921	261.6019	234.7869	269.1187	107.7093	218.5128	222.578	207.9553	223.377	243.718	260.8562	300.9186	237.1286	263.0952	299.7277	265.6599	329.0332
CUST_3884_PI429010886	N15483	0.001912	18	3						68.88215	213.5752	85.62172	364.2987	296.3588	271.0212	113.8579	444.9718	7.952703	15.28613	268.7143	NA	6.00037	14.44266	26.11716	NA	4.74894	NA	61.79791	9.816503	83.27348	NA	193.714	201.2454	NA	30.16973	8.394638
CUST_54842_PI429010886	M107927	0.001912	21	12						25.71165	20.16852	17.7649	16.40453	14.05126	9.035702	11.74472	11.83564	12.92501	19.24305	21.68053	26.61439	24.35068	29.50649	31.40553	26.36808	20.04961	26.45722	26.62548	18.57367	20.11281	28.3396	24.9077	23.59869	43.79306	15.50269	19.3376
CUST_43013_PI429010886	M61855	0.001918	15	12	7320913	masquerade-like protein [Pacifastacus leniusculus]	Protein metabolism	Proteolysis	3.51E-19	2604.753	2807.026	3202.001	1483.13	1090.829	547.465	3432.751	2573.258	3448.497	3558.109	1277.616	2690.41	5411.773	5510.561	3667.985	4228.899	3044.565	1542.825	2229.117	2626.728	1789.616	4667.789	4080.667	1611.105	7890.624	1629.467	8117.934
CUST_24271_PI429010886	N50330	0.001922	24	21						105.8718	137.4942	176.7754	146.6109	119.585	167.2734	86.86206	123.5093	117.3341	121.8439	105.8984	119.5328	110.4435	152.3775	147.4281	183.9501	126.0834	161.0763	159.8607	155.4149	164.5164	184.458	145.1303	164.3967	181.1566	163.791	157.7275
CUST_14677_PI429010886	N33278	0.001928	24	15						8.756045	11.51323	NA	12.90472	11.6754	6.900525	10.21556	5.508579	7.881658	25.42895	14.63359	6.755699	10.37567	26.52223	14.80809	19.80692	26.13131	15.31913	17.61017	20.43695	9.444187	18.64838	NA	NA	15.31326	14.19523	10.08291
CUST_37939_PI429010886	M22365	0.001931	15	9	532759720	antimicrobial peptide type 1 precursor Ic [Pandalop			4.14E-19	15.51227	119.7645	15.1027	NA	45.03054	14.01418	758.1826	50.99575	756.7863	117.3497	86.46205	262.2092	555.7341	559.3835	325.3686	453.8761	71.55597	31.86956	70.55676	6.082494	73.85269	126.7933	72.58192	67.64754	1139.145	369.2549	807.7825
CUST_5960_PI429010886	N19428	0.001947	24	18			Metabolic process	Generation of precursor metabolites and energy		807.7825	1175.839	886.7923	710.4011	805.0049	678.5082	724.7977	813.4135	754.5887	1031.135	671.0656	894.0864	839.8931	914.9994	968.7311	1071.809	851.7359	918.6617	939.4252	1060.588	913.4609	1003.294	898.9921	932.1915	879.939	707.1584	1003.971
CUST_39906_PI429010886	M46634	0.001957	12	9						77.3067	476.4015	268.545	121.0793	18.03617	NA	61.95208	237.166	271.1281	294.8062	352.7559	493.215	127.2574	248.1135	168.3078	100.1156	47.8959	46.02004	224.9139	460.6363	239.9392	281.9612	315.1705	8.07676	177.9616	253.6933	103.3395
CUST_50267_PI429010886	M89235	0.001961	24	3						25.38492	20.99142	55.08741	63.1832	42.40387	48.95474	36.8879	20.37065	38.06764	20.59519	10.47118	31.85611	11.22985	32.66252	NA	14.86823	17.42213	3.653594	3.853904	10.53669	87.97637	19.11687	85.45263	23.81072	35.25245	32.56779	29.69737
CUST_53470_PI429010886	M101848	0.001969	21	18						40.34341	64.62304	41.8887	61.55497	55.30305	31.46479	24.49566	27.49426	31.70959	45.29251	35.77964	47.39274	44.83381	30.01858	35.20549	71.58792	30.37957	47.80852	63.83268	68.77778	70.77767	61.6776	32.90861	24.67398	43.18546	31.59756	36.13819
CUST_9709_PI429010886	N25078	0.00197	24	3						231.3049	5075.28	270.2714	6787.522	3934.354	2884.034	2558.435	3775.991	22.93214	62.91706	2941.835	53.44251	115.0894	873.2696	2119.433	42.61497	37.75935	40.94647	265.9908	131.6288	697.0634	NA	897.9401	864.8993	NA	NA	41.67823
CUST_12851_PI429010886	N30154	0.001972	18	15						253.3806	272.1441	317.2703	187.7096	262.997	346.8405	165.2714	201.2454	193.1525	264.6314	175.8715	354.1413	228.4344	254.0567	240.1418	330.0503	279.5586	319.745	221.1299	248.8723	173.881	250.9845	296.6828	248.652	181.8416	185.168	158.2669
CUST_20650_PI429010886	N43819	0.001983	18	12	380013584	PREDICTED: vascular endothelial growth factor rece	Protein metabolism	Cellular protein modification process	1.81E-16	49.34559	50.13498	46.29899	44.16686	34.58379	46.13321	68.85742	32.36622	49.39411	46.20496	37.90169	55.78991	65.63314	87.46258	73.03522	65.49916	48.2905	46.61273	84.30944	25.38492	46.25392	44.06771	31.6776	39.69657	61.19321	33.61732	81.22317
CUST_21794_PI429010886	N45867	0.001987	21	0						55.18575	47.71565	64.68958	25.84583	29.17357	36.387	33.11671	49.63154	37.69372	30.0232	30.19994	27.01225	29.42815	26.86268	28.65923	24.56592	40.69465	82.01377	35.96518	66.45252	45.86308	32.35284	291.5581	110.4575	33.7538	55.36449	33.24975
CUST_523_PI429010886	N5820	0.001987	24	21						3225.426	6621.858	3128.702	3090.22	3138.529	3074.469	2097.241	2408.505	1960.986	3965.108	2693.745	3809.024	2483.895	2132.178	774.9868	4925.566	3067.321	3443.242	3332.072	3869.78	2456.459	5367.717	4036.57	3347.664	5836.719	3269.374	4036.57
CUST_49816_PI429010886	M87284	0.00199	18	0						19.88848	9.601564	22.56443	17.06586	14.78673	10.41462	9.020299	6.616037	7.743875	12.32604	16.23539	21.7799	9.31137	15.2558	13.2803	18.84012	13.9022	19.15845	18.88381	16.43668	17.39272	15.11963	14.30234	11.26503	18.10243	6.574274	5.194327
CUST_9456_PI429010886	N24657	0.001996	12	0	17529698	endonuclease/reverse transcriptase [Branchiostom	Nucleic acid metabolism	DNA replication	9.62E-16	216.8379	227.642	243.7531	212.4411	216.0426	216.4729	171.0028	198.7745	195.0054	224.0471	198.0625	208.9685	222.578	278.9452	193.0602	264.9674	204.4866	217.8082	192.0215	223.5364	175.4136	251.9218	229.9564	205.4682	281.8261	244.5361	232.6257
CUST_6886_PI429010886	N20733	0.001997	18	0						71.91218	94.06166	72.6348	94.42153	54.26471	64.61143	38.35427	57.92964	52.20238	91.30112	62.99128	78.50617	41.0381	77.7747	67.67314	70.36778	74.08523	67.02702	90.03399	119.245	96.4587	63.32035	58.60431	59.69745	73.19849	44.42567	62.5636
CUST_11676_PI429010886	N28222	0.001997	21	0						1017.693	950.8038	1123.855	698.2239	753.7243	891.3926	646.5567	645.5341	702.9226	722.2644	907.4672	789.4136	597.5638	798.0318	817.7915	928.4158	941.2341	959.6386	1078.601	772.1398	918.6617	862.6591	818.9073	889.7966	917.4556	686.5061	973.2028
CUST_21575_PI429010886	N45456	0.001998	24	18						52.47732	53.80851	45.39895	29.97309	32.31627	34.01329	28.22332	36.94269	36.25859	41.56303	39.40978	46.84472	32.75472	52.52687	41.20481	41.14845	50.38632	50.95506	51.20753	67.40392	55.39664	26.4818	46.06229	39.27986	65.59001	33.16699	56.38454
CUST_37052_PI429010886	M17696	0.001999	15	3						122.0703	123.4738	124.3644	112.8802	120.3338	157.1911	131.9258	97.96017	120.8733	104.2505	105.4781	123.8085	90.59403	82.77162	102.9064	137.2358	116.9236	118.5239	140.7563	138.7624	136.6153	132.7741	100.3487	165.1069	96.5915	103.6887	130.9315
CUST_11151_PI429010886	N27350	0.002002	18	3	453088456	hypothetical protein SEPMUDRAFT_145731 [Sphae			5.89E-07	31.39582	18.59683	26.77489	46.9717	42.96262	100.668	33.0225	27.97946	20.84115	18.24285	32.28425	25.81311	18.14003	12.44781	10.11773	31.34117	79.21992	67.55015	45.52189	25.41068	29.13011	26.83617	35.00193	53.9049	22.46932	46.61273	26.11497
CUST_4335_PI429010886	N16533	0.002003	12	0						36.06457	43.11747	52.01848	21.08658	20.35771	15.02774	22.22394	27.89681	24.14576	51.74182	22.34365	62.92532	27.55378	56.25359	38.86489	15.55875	9.651747	18.35726	40.68573	37.53618	24.40654	45.33363	16.72612	8.3117	39.24656	46.79377	46.629
CUST_48961_PI429010886	M83216	0.002021	24	0						85.05317	69.80469	85.73944	95.689	69.35049	77.91084	75.3452	61.29672	61.63016	54.34169	62.21773	47.44495	56.00982	66.022	44.4293	78.98243	68.41131	59.46444	91.60957	57.82155	72.4658	78.70239	71.73214	73.55823	84.96672	56.80732	98.60004
CUST_16367_PI429010886	N36116	0.002021	18	12						9.55551	11.68238	9.814804	6.752371	5.950777	5.707653	10.80175	NA	12.95945	11.41324	11.75603	18.91365	8.388399	20.07209	18.94172	14.99955	NA	13.84485	10.22054	10.45943	12.86372	12.83173	6.180449	8.326131	15.20148	27.06117	12.98903
CUST_8903_PI429010886	N23773	0.002027	12	0	91090228	PREDICTED: similar to GA20768-PA [Tribolium casta			3.4E-23	65.64906	69.95364	69.93057	52.85191	42.98059	51.10924	40.32605	46.81158	50.33907	65.45683	53.41262	93.66147	194.1492	62.54347	64.94243	88.47454	38.93338	45.09375	56.48454	51.92326	54.41242	67.31728	61.911	63.13278	62.05533	62.4741	60.26917
CUST_50437_PI429010886	M89819	0.002028	12	9						75.7764	139.545	86.97645	72.3461	113.1265	68.2359	88.86362	107.0931	74.87405	114.6834	111.1235	142.2307	93.72794	69.16053	88.71715	83.48026	54.37221	106.4846	119.6576	285.6495	111.2973	137.9515	161.2028	157.4775	130.6003	87.40211	123.1539
CUST_39596_PI429010886	M41608	0.002029	15	9						2826.022	2199.321	8404.925	324.5803	358.6229	99.73067	2975.526	11926.23	9686	13673.74	3742.075	9305.385	11838.35	17234.2	10130.67	7002.188	6490.163	1277.616	3659.313	8504.473	2926.98	13415.53	12354.92	543.1668	22231.21	6536.631	21011.69
CUST_9084_PI429010886	N24040	0.002034	15	0						58.70799	28.14633	41.44167	27.384	36.90242	55.37064	37.35358	31.01661	31.79359	34.20754	26.02914	25.86598	34.16739	23.33262	31.33759	43.49365	50.7592	40.26663	46.83015	26.82962	39.87971	23.23883	43.60712	35.7998	30.77101	18.27067	21.92688
CUST_21157_PI429010886	N44732	0.002045	21	0						17.17661	7.357022	NA	9.96806	10.79319	9.722181	9.610816	6.538957	4.689232	6.598712	NA	4.458762	5.460269	NA	5.009581	7.538194	10.07706	10.86011	7.316619	13.62607	9.071169	NA	11.73596	NA	13.96315	7.040982	12.42241
CUST_44372_PI429010886	M65738	0.002047	18	6						11.40559	5.247077	14.59759	13.27508	12.0863	5.429174	18.19818	33.48853	25.01541	14.66789	6.085618	9.904227	16.10051	21.03394	13.21125	13.28694	11.65616	8.991035	6.090696	4.886513	10.74985	15.49062	15.68172	17.83632	26.54593	8.896204	59.92145
CUST_23663_PI429010886	N49229	0.00205	24	21						30.75954	34.03924	27.41533	14.59227	21.70738	25.41068	11.96936	17.58731	26.0521	25.19447	22.40379	27.32583	23.02991	31.48445	31.6343	34.13499	25.15397	23.78915	28.04755	30.13158	23.82095	33.42247	35.1842	28.229	29.15459	32.42452	32.18854
CUST_8602_PI429010886	N23289	0.00205	12	0						46.16699	53.10218	41.16894	37.07575	29.12321	30.558	28.49131	35.91866	47.23493	36.5186	31.31664	58.57388	38.96658	47.54347	37.19463	35.64771	25.94889	30.74148	33.18761	40.1229	33.32019	41.61311	34.8398	44.18048	46.2898	39.00381	44.64586
CUST_45739_PI429010886	M70113	0.002058	15	3	157115719	hypothetical protein AaeL_AAEL007311 [Aedes aeg			1.61E-09	14.73825	26.5649	NA	24.3684	34.6052	15.89427	21.08222	16.24815	14.86659	25.791	11.65798	6.380402	8.431174	6.739431	6.550085	13.11481	28.68856	18.11915	31.68444	9.628728	19.61572	18.00026	14.57957	13.8828	11.49378	7.953838	9.970778
CUST_11356_PI429010886	N27682	0.002064	15	6						17.13473	23.55239	NA	69.20807	51.94426	45.04433	117.2199	57.10862	87.63509	43.08722	38.87013	37.84899	52.23527	8.17741	34.86849	44.54185	22.54854	42.64305	41.73826	41.27495	40.16678	78.88657	41.52857	57.86841	41.909	30.50923	31.78356
CUST_12025_PI429010886	N28795	0.002068	12	0						40.16678	33.61051	53.8551	49.73773	30.82234	41.84077	29.25886	29.33184	34.53064	30.07667	32.67128	52.33717	33.58412	58.17945	44.26787	32.38525	35.12625	37.25067	29.73851	36.40505	35.53394	39.70495	41.63072	44.03947	51.87045	53.10218	60.11602
CUST_43040_PI429010886	M61927	0.002068	24	15						210.2559	224.0801	236.4243	216.9071	206.7246	207.5377	181.5941	214.7985	225.6208	274.9043	209.2891	255.7006	195.2252	263.2135	238.1723	282.2114	281.7845	282.5343	246.3068	243.166	207.885	317.4402	244.2379	219.9262	247.3742	231.8976	244.6362
CUST_45093_PI429010886	M67982	0.002074	12	3						373.1186	401.8543	257.8206	486.5202	518.3277	455.745	385.3789	352.5288	265.0157	324.7416	425.3087	313.2163	280.4605	315.3064	345.8615	492.1806	617.8466	472.3127	406.8847	420.504	366.4854	427.6746	324.9748	315.3064	452.4018	310.0283	274.404
CUST_52373_PI429010886	M97229	0.002074	12	0						37.0569	39.78497	33.51061	18.57528	36.98717	21.28123	28.84183	30.04952	36.13374	31.92079	36.43958	23.35652	46.37163	33.61051	40.11037	31.2144	27.96355	12.27649	41.26062	28.88138	32.86388	33.26462	28.46803	31.36122	50.77711	37.43755	35.85975
CUST_20212_PI429010886	N43029	0.002078	24	0						121.1966	107.9821	38.44451	47.90107	45.98571	39.3558	41.36789	48.48054	39.53295	46.58823	39.96079	25.04907	27.71495	26.86002	26.64821	40.31691	37.34484	35.02438	31.03692	30.03779	44.5467	39.97268	58.12189	43.73764	43.43161	43.48424	50.69847
CUST_12364_PI429010886	N29353	0.002078	15	0						114.1927	113.4862	140.2062	65.96017	130.9315	156.213	68.02073	74.58958	32.66252	114.0301	134.02	107.0416	58.36968	100.3587	97.03372	149.1678	133.7926	186.167	123.6533	124.9049	85.62172	106.8281	67.17456	70.86123	93.1869	109.4422	113.8196
CUST_21345_PI429010886	N45050	0.002078	24	15						237.8356	198.0363	238.1723	145.749	168.5282	178.1191	150.1517	146.2811	136.9283	197.122	190.7772	206.0341	135.2716	237.4703	270.6659	256.52	238.0845	229.6568	221.3847	252.8872	204.946	254.8048	213.8921	197.2228	273.4298	210.1804	217.5886
CUST_17772_PI429010886	N38565	0.002082	15	9						86.6967	137.33	134.659	59.62185	72.90791	58.77783	50.15308	134.5033	132.473	146.8304	134.5033	203.4225	148.3091	162.2752	134.7752	138.0091	103.3151	88.33792	89.49881	157.9269	111.3637	111.4954	132.6337	90.34874	131.3133	180.7887	199.5921
CUST_47128_PI429010886	M74889	0.002084	18	15						76.62962	77.0714	74.15113	48.81237	77.91084	90.74799	66.45252	65.91381	61.21559	84.60749	69.11088	99.63032	70.82822	55.58682	82.85967	86.4072	99.48375	84.52872	85.72992	97.55406	66.64899	63.62137	62.1958	63.05647	68.37525	60.02795	51.26857
CUST_2370_PI429010886	N12203	0.002084	18	3	270007848	hypothetical protein TcasGA2_TC014587 [Tribolium	Protein metabolism	Proteolysis	1.43E-67	38.51713	22.02378	35.19889	43.58778	27.85193	39.84647	31.2144	29.65544	19.79646	29.85007	17.19113	9.213601	20.6419	14.82548	20.50772	31.277	29.5983	30.17815	32.29627	31.55772	30.49715	19.04191	34.45011	48.8316	33.72458	16.61483	19.46313
CUST_20154_PI429010886	N42909	0.002087	18	3						367.0612	1521.376	558.4057	1710.741	656.7764	1164.105	449.6922	625.8341	453.79	472.3127	316.122	1171.074	515.5917	426.7007	310.0812	112.4311	210.7453	522.2489	262.1121	417.8136	688.3695	692.7803	679.1732	590.4824	741.7837	1158.222	392.5464
CUST_42595_PI429010886	M60671	0.002092	12	0						7.438777	25.93979	21.44879	6.749952	7.174468	15.55047	8.854627	4.911529	6.245942	21.42376	17.4527	17.13668	15.4798	15.73939	15.67763	12.96775	10.68832	12.09063	5.185762	8.824107	13.96315	15.02774	26.46898	10.19943	27.35173	18.6803	15.66178
CUST_19480_PI429010886	N41653	0.002097	12	0						153.8729	101.7152	262.0228	77.57474	86.4151	106.6963	98.73097	128.8206	123.444	155.1735	95.28234	132.8409	125.6357	157.6076	160.598	88.7086	112.6604	92.79213	107.1382	120.5371	123.1656	85.20601	134.577	104.8539	110.8364	135.78	162.1995
CUST_5010_PI429010886	N18130	0.002098	18	6						235.8718	140.6816	245.3246	214.5304	231.4586	264.4268	404.6132	292.6086	434.8523	214.3213	260.373	259.7236	374.7559	445.2354	293.2752	213.7215	374.7559	239.0491	324.8235	139.562	196.8724	255.3452	281.4899	330.7539	349.238	330.7539	648.9401
CUST_32098_PI429010886	M3223	0.002102	15	9	328778301	PREDICTED: calsyntenin-1-like [Apis mellifera]	Cellular Process	Cell adhesion		692.7803	571.094	999.0406	671.8789	670.866	636.1084	703.0939	650.0167	820.7972	849.5817	822.5821	905.6425	595.305	958.7977	756.4835	1088.645	694.3101	760.0455	664.8684	627.0644	708.7623	966.7908	813.6581	723.9047	1119.369	819.4278	1277.111
CUST_17190_PI429010886	N37531	0.002106	24	0						209.2252	224.9139	210.9764	204.1086	181.957	186.3153	157.4606	164.2252	174.4543	216.3391	162.0779	186.7032	148.0995	170.6936	156.213	244.904	173.8312	192.7945	173.7221	206.9847	212.5355	248.1506	178.9755	170.531	238.941	197.0951	223.1189
CUST_20010_PI429010886	N42642	0.002106	18	9						10.41462	6.131047	9.853418	22.9227	23.72419	19.90393	35.42374	25.01801	9.889085	57.19607	43.38005	NA	25.0475	23.96204	12.32751	21.69445	72.08475	24.22062	44.1761	8.84632	7.833526	10.59651	14.9648	49.55005	30.53018	26.4245	24.19734
CUST_40017_PI429010886	M48594	0.002118	18	3	240114287	hemocyanin subunit 1 [Eurydice pulchra]			1.8E-103	29.5483	38.85207	40.46782	80.85722	37.76259	67.98998	30.6709	30.48948	44.75473	44.32414	12.7088	35.94919	18.19015	40.6037	8.257726	27.75482	18.36165	25.29581	18.30638	12.06387	76.78516	36.606	87.6188	49.52106	45.03911	56.83575	28.04755
CUST_5663_PI429010886	N19007	0.002121	12	0						142.6905	126.9103	150.8429	102.5401	111.685	108.1041	97.83625	122.4191	125.751	180.1444	112.6306	141.2095	128.969	139.9078	161.4808	166.5412	101.6485	107.4359	119.6576	124.3983	114.4136	144.9176	126.0646	106.1322	219.8055	130.5118	149.9119
CUST_19582_PI429010886	N41811	0.002125	18	3						73.91159	98.41575	98.38324	206.8341	117.3497	176.0053	189.1194	57.34886	69.58233	60.75286	56.94451	61.36946	45.72037	66.2145	41.81244	44.50661	115.5316	101.4215	108.7837	37.8309	184.6775	64.75716	293.7629	259.6731	63.53447	137.9867	38.05463
CUST_3459_PI429010886	N14547	0.002126	24	21	321454615	hypothetical protein DAPPUDRAFT_204241 [Daphn	Metabolic process	Cellular amino acid metabolic process	7.13E-27	21.98642	35.08626	28.90976	36.74882	18.53904	32.22977	22.92991	24.38855	20.21559	25.84583	15.35382	25.46248	28.6303	32.61136	30.90472	33.48083	33.68076	28.31129	20.97642	30.03474	29.02946	43.84173	32.45453	41.6388	36.94632	31.33759	37.04031
CUST_18853_PI429010886	N40527	0.002127	15	9	301776372	PREDICTED: LOW QUALITY PROTEIN: zinc finger pro			5.84E-07	22.92529	26.4818	21.48663	8.625409	13.58792	13.50266	14.87518	10.9768	16.93603	33.5333	26.08978	24.7854	18.87506	16.31744	17.18186	33.80016	16.98682	22.12202	13.61134	20.32835	14.65167	27.59147	17.88327	14.84417	30.28193	22.55762	21.63831
CUST_40612_PI429010886	M55641	0.002127	12	0						496.5233	514.5197	563.5263	461.2479	399.3695	447.2563	398.7713	425.3087	457.4348	506.8788	450.4975	588.293	464.4064	632.4528	589.8071	483.0972	448.6531	499.4614	477.3001	459.0733	490.0839	499.3294	524.0613	447.4667	605.8766	495.7993	608.8662
CUST_47669_PI429010886	M77110	0.00214	12	0						1327.226	1827.911	1937.537	1469.038	1400.624	1569.952	1259.651	1468.172	1461.256	1539.294	1394.642	1977.124	1559.259	2326.832	1821.885	1942.982	1618.557	1611.105	1492.759	1331.49	1437.865	1784.695	1640.228	1517.009	1872.445	1673.62	2015.591
CUST_41427_PI429010886	M57704	0.002151	15	9	260826966	hypothetical protein BRAFLDRAFT_96574 [Branchio	Transport	Ion transport	7.74E-07	818.0738	2241.403	2335.152	521.7265	663.7859	246.5478	738.4538	2085.292	2797.965	3838.985	2303.489	3206.496	2194.366	4461.585	2110.744	2676.76	1067.136	1635.051	2188.013	3037.946	2030.719	4330.695	2851.724	536.3308	4791.679	2944.104	4797.809
CUST_20044_PI429010886	N42703	0.002151	15	0	542183510	PREDICTED: dynein intermediate chain 1, axonemal			3.87E-07	44.05203	37.95272	41.33633	26.95815	31.87606	59.93656	20.07638	28.01496	22.64343	37.44766	19.19079	30.91161	20.82459	39.68929	36.00905	47.39715	37.70458	38.82938	17.01911	30.17589	30.60937	32.13434	22.82685	19.92242	46.83826	32.23691	24.60142
CUST_5008_PI429010886	N18125	0.002154	12	9						67.68545	48.31638	61.18601	17.46274	12.84883	20.27214	12.68973	33.47616	40.62219	69.08941	92.13928	111.2973	61.98456	91.31323	49.61919	46.14783	44.92099	46.25026	82.17099	68.27282	83.81066	78.90095	98.09433	31.69618	63.03207	80.24894	86.07302
CUST_6192_PI429010886	N19752	0.002159	21	9	460027843	prostaglandin F synthase [Penaeus monodon]	Metabolic process	Oxidation-reduction process	4.8E-110	8.486348	16.30792	NA	30.55547	43.35404	10.96784	42.29494	137.33	71.68684	34.872	123.8883	121.6959	93.90071	16.80068	37.49092	12.79677	53.51858	9.773611	20.92648	256.3774	35.08626	4.882555	7.479587	28.48104	10.27804	60.90428	97.40947
CUST_14566_PI429010886	N33086	0.002162	24	0						81.15299	79.67757	86.17533	65.19644	62.74739	63.79444	66.97799	60.18184	90.18249	80.57644	55.55289	81.48802	59.8939	70.76377	56.32832	79.74735	60.0207	65.01299	77.76127	67.78689	78.04542	75.22711	101.2537	68.02073	100.7779	91.6409	86.5251
CUST_5717_PI429010886	N19094	0.002162	15	0						24.84355	13.72842	NA	6.88044	13.37036	13.62943	11.82406	10.45244	12.88026	12.59383	12.03567	12.75753	7.93896	12.33539	12.4451	16.87557	18.24734	14.63109	9.927073	13.38001	11.19316	9.562437	5.068125	10.51996	13.63622	NA	8.678808
CUST_50873_PI429010886	M91295	0.002171	24	18						8.767176	27.47752	17.0738	7.660234	12.66733	7.410795	16.7895	NA	6.417851	20.60423	26.81554	24.12979	14.19203	19.79375	20.03408	43.74674	11.03039	NA	28.05064	26.83996	28.33335	48.15042	19.3376	14.75825	26.71164	13.41075	14.94602
CUST_42588_PI429010886	M60658	0.002176	15	9						87.40211	104.9253	104.46	65.84223	83.94314	75.4776	66.06376	86.60546	93.09068	144.4421	88.82378	135.6641	66.46046	133.5378	116.7432	111.5879	86.7972	87.6188	82.48421	88.23558	96.97877	113.2976	122.84	74.79904	119.9123	115.1327	120.7928
CUST_1341_PI429010886	N9339	0.002176	15	9						10949.63	18727.55	15271.23	4080.667	8627.68	4719.422	7930.333	10366.97	18962.11	20926.24	12130.73	26532.79	16000.49	17900.98	15000.31	23580.44	6962.573	18298.8	10044.17	13202.87	12422.81	19317.04	11400.82	8924.795	21636.27	16607.59	25546.19
CUST_38016_PI429010886	M22785	0.002176	18	9						848.6156	314.6817	333.708	254.095	174.126	55.20237	374.2323	865.6927	727.1859	1287.748	542.3878	996.2576	717.1047	561.2769	964.2217	733.1697	159.7825	210.9764	699.2311	258.4896	321.5473	429.7605	230.7517	186.1103	62.23219	389.4334	883.1215
CUST_10755_PI429010886	N26736	0.002183	21	15	524881293	PREDICTED: vacuolar fusion protein CCZ1 homolog			3.72E-28	59.79177	116.1332	59.73525	64.40125	59.41199	56.74499	56.47886	52.73715	36.07274	68.38918	70.5402	87.2868	57.35641	77.92082	83.75206	108.3734	73.00251	85.34367	80.07884	60.41389	55.75917	57.40224	65.14347	66.39266	71.41994	53.95436	62.69277
CUST_36161_PI429010886	M14844	0.002189	21	9						21.40624	63.75313	67.32952	124.4616	178.4972	78.01974	94.94128	252.2638	220.3236	77.5423	453.7002	483.3249	280.3633	101.8407	199.9465	NA	88.11918	18.43584	50.28834	467.5419	332.3269	7.132581	72.05058	42.35334	20.70807	174.6884	145.2433
CUST_132_PI429010886	N1320	0.002195	21	0	321464825	hypothetical protein DAPPUDRAFT_306600 [Daphn	Protein metabolism	Cellular protein modification process	1.83E-97	483.8764	526.019	514.5197	433.8707	439.659	482.1854	427.5571	460.0363	384.0577	390.7246	417.8136	441.5046	444.8946	505.3693	448.0873	429.0337	480.8955	452.0017	455.0104	390.2131	402.4861	499.6354	564.5345	520.9934	518.2235	426.3841	371.903
CUST_25566_PI429010886	N52657	0.002196	24	21	48106220	PREDICTED: CDK-activating kinase assembly factor I	Cellular Process	Cell cycle	8.69E-17	5.698946	7.591069	NA	4.876287	4.880377	26.14333	4.52367	4.288757	4.711545	5.226041	5.472076	11.62614	7.97673	NA	10.52648	13.68648	6.122347	10.50262	NA	11.31889	7.31283	NA	14.58166	NA	7.188579	5.76082	14.60389
CUST_46090_PI429010886	M71336	0.002203	24	18	255653868	crustin 1 [Panulirus japonicus]			1.38E-08	38.153	53.81515	82.38056	42.1461	55.48383	12.94311	38.66452	63.11008	78.52355	92.32556	102.1823	73.75273	107.4216	112.5446	79.48728	116.0676	165.8727	98.56528	86.08273	153.2734	111.2168	125.719	351.7659	80.53149	944.9878	120.3899	742.4096

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_29555_PI429010886	N60097	0.002208	18	15						25.25877	23.79915	26.0056	14.92301	12.51059	7.069154	17.98401	23.12912	18.38425	20.50575	17.06111	30.34969	23.89866	30.67432	20.60423	26.21698	23.3229	22.43908	22.04311	24.03557	16.79729	16.52086	21.18391	19.71614	23.38781	21.25262	22.74775
CUST_33027_PI429010886	M5771	0.00221	24	3						256.1518	522.6581	395.7641	693.0321	288.8593	525.1056	284.0133	309.5934	281.447	288.1296	245.1937	438.3419	232.0593	352.6063	210.9062	242.3388	130.5118	221.9188	187.6525	166.7568	467.3451	188.7986	517.2906	148.3671	357.356	533.0782	242.4714
CUST_2046_PI429010886	N11405	0.002217	21	9						99.67314	136.6153	58.53699	NA	22.09691	21.75697	5.380664	NA	86.28429	366.8204	300.9857	441.3844	NA	359.4272	130.357	844.3643	6.154713	68.89154	157.0634	163.1226	185.8187	56.27804	50.46214	13.61134	18.32343	44.28888	35.13017
CUST_56023_PI429010886	M112564	0.002225	15	0	260831912	hypothetical protein BRAFLDRAFT_115340 [Branchi			1.1E-126	79.92252	73.88403	69.49923	63.92583	48.54231	58.60431	52.57619	55.09927	50.277	62.46096	59.41826	63.71417	69.46903	66.18886	67.237	77.7747	62.08961	69.65017	64.1319	68.41131	42.82196	84.99622	45.85649	60.33388	67.22918	46.92598	57.9941
CUST_43521_PI429010886	M63262	0.002228	24	21						76.55655	118.3919	79.95313	62.34386	77.7529	65.46937	71.87825	63.00378	66.26094	86.24828	84.62693	107.1617	59.776	79.80104	92.57501	90.37187	82.13647	78.53416	96.67753	121.8291	87.02844	106.3446	105.6711	91.35555	77.1205	68.04642	92.95468
CUST_30275_PI429010886	N61538	0.002229	24	21						768.2695	839.8931	921.275	794.1984	709.6744	828.1362	641.17	717.2947	757.8647	856.1081	736.8107	928.6222	738.6637	938.9786	789.7368	789.9286	798.0318	937.1457	745.3969	807.9372	785.4766	945.5514	892.8593	938.0188	917.9837	863.9077	816.9007
CUST_26293_PI429010886	N54002	0.002236	12	0						24.61812	107.512	102.7959	17.58889	4.030477	12.10865	12.42241	14.84745	11.81616	95.87365	19.53272	17.15146	34.73538	109.9704	56.52669	13.47559	66.3431	28.25151	37.30837	4.383111	6.685823	73.77338	32.19497	42.6374	60.97252	35.52135	29.28327
CUST_1086_PI429010886	N8447	0.002236	12	3	241151593	calcineurin B, putative [Ixodes scapularis] >gi|2154	Metabolic process	Oxidation-reduction process	3.63E-64	280.6713	213.9895	205.5044	476.0617	300.5238	678.2021	372.2181	330.6772	212.6792	190.2377	260.055	244.775	237.1988	165.8485	235.6197	217.7746	524.2988	377.56	352.1132	253.8057	320.8355	262.1655	247.0952	361.6235	244.2054	300.7234	207.6194
CUST_45553_PI429010886	M69472	0.002236	18	3						11.89374	7.592295	13.89131	NA	14.91553	17.10625	23.99863	7.943105	5.94813	6.887126	4.068177	NA	9.184475	4.519335	NA	7.39706	5.55948	8.014383	13.66257	18.80919	NA	NA	NA	74.0547	6.788713	17.28228	22.50936
CUST_20684_PI429010886	N43875	0.002238	21	18						72.54647	60.46074	55.71375	48.3768	49.21104	40.58787	41.26402	41.29432	41.77165	50.51683	27.66624	53.04998	34.44235	53.08483	47.80199	61.07112	55.92617	48.15554	63.16045	53.32755	50.21157	66.97079	45.59444	49.71501	63.12362	43.44584	44.31012
CUST_46643_PI429010886	M73262	0.002238	24	9						26.75249	33.33046	30.88328	33.52618	41.98854	10.41028	30.3731	61.36946	56.76781	59.80108	77.48229	74.06718	42.62004	27.23432	28.6271	30.26197	24.00983	10.82328	22.64182	59.81399	27.17883	17.5216	29.1329	16.12785	25.27468	27.42267	68.63241
CUST_3900_PI429010886	N15523	0.002245	24	15	443721341	hypothetical protein CAPTEDRAFT_191048 [Capitell			1.06E-13	36.82802	40.04686	46.36775	39.8885	39.27655	30.46421	38.46752	42.93137	39.25313	58.12189	46.33994	42.11302	31.66434	46.89105	33.44743	168.1346	61.60941	142.124	40.2482	51.23152	50.94926	49.75939	49.01378	31.50694	63.8461	45.22744	44.51031
CUST_6035_PI429010886	N19538	0.002248	21	0						54.44415	73.04458	47.31501	44.35344	43.97896	42.78573	40.18446	27.25419	33.15924	39.39152	39.48403	35.03294	45.76846	58.67101	53.14405	64.14878	31.17481	56.07148	41.11091	58.31834	45.31985	58.99785	53.22359	45.64241	50.29336	43.51237	60.45419
CUST_15407_PI429010886	N34524	0.002249	21	3						93.38696	77.10171	62.59195	95.0012	91.58478	81.56419	64.40125	68.77778	79.38753	76.42108	80.88726	69.9145	48.29446	78.02809	77.97597	59.07909	86.55946	89.84183	54.28784	56.9379	70.6776	78.13459	78.98243	65.38596	124.5927	92.02079	114.7999
CUST_31721_PI429010886	M2244	0.002254	12	9	291229165	PREDICTED: eukaryotic translation initiation factor	Protein metabolism	Regulation of translational initiation	3.54E-68	179.1629	181.6229	303.7146	163.791	107.0314	125.2677	176.5007	199.6541	222.7049	239.2282	159.5233	250.6863	166.5412	320.3175	235.9095	178.0648	152.9711	174.8815	191.6146	153.132	211.7142	207.7149	247.7794	227.642	199.344	189.9152	230.8944
CUST_27705_PI429010886	N56544	0.00226	15	12						601.3413	677.9305	696.5534	574.6243	590.3441	592.9907	550.2491	645.7634	636.5467	763.6837	611.9605	789.9286	721.8143	835.782	773.4201	795.1421	636.3168	663.7859	628.3128	653.6532	606.3721	773.8104	705.5663	638.1084	718.2136	571.4497	788.0347
CUST_44115_PI429010886	M64986	0.002261	24	21						9.419858	NA	8.438285	6.902769	4.787624	8.957551	7.704662	NA	NA	NA	4.429971	3.407042	4.579912	11.54241	3.494751	6.037096	6.283437	NA	6.19695	7.492805	NA	9.673986	8.834126	13.5897	6.296703	25.26607	13.21926
CUST_38251_PI429010886	M24665	0.002262	18	15						35.01361	46.63569	25.85184	26.48831	25.50881	26.18295	22.78102	28.40654	23.35652	14.93945	26.41485	28.15071	29.26565	24.69322	34.54086	43.48424	49.26562	30.36422	50.09589	35.05162	26.52817	35.6576	20.6694	31.75969	30.18478	18.56806	20.88392
CUST_51098_PI429010886	M92178	0.002267	24	15						26.43705	22.93214	16.85623	22.0997	14.9864	11.59149	14.97861	22.13024	26.20596	34.63494	23.33049	31.92608	23.46287	26.28688	25.03856	35.48686	26.64257	31.48729	26.38687	30.68445	25.62143	24.3983	29.49276	23.09604	35.28275	24.95635	37.82706
CUST_50489_PI429010886	M89983	0.002269	24	12						26.65472	30.59469	24.40654	28.26309	26.49443	35.81535	21.42376	24.63631	36.37866	30.91453	37.96113	37.91438	37.12271	42.82585	46.58823	42.29494	37.41038	36.42724	48.06558	31.77439	26.9442	33.78308	27.41533	28.20406	35.89648	33.0759	24.1098
CUST_2154_PI429010886	N11707	0.002272	24	0						2448.925	1049.194	2945.87	547.9393	668.6149	717.957	360.6396	499.9431	4931.33	326.9265	566.4251	808.2235	270.3602	1030.293	588.5777	1226.144	199.5128	694.7611	239.4694	539.7579	592.8448	682.2742	739.8087	1068.926	2915.652	4561.712	5391.461
CUST_859_PI429010886	N7593	0.002278	15	0						3197.843	6607.963	NA	5342.716	212.046	195.4506	494.6999	71.39836	413.5257	5.315305	10.19353	8.767176	3105.643	894.2724	3618.732	861.4839	NA	668.4719	NA	204.5915	38.00094	356.3531	NA	561.4598	46.65817	25.10548	NA
CUST_43935_PI429010886	M64384	0.002286	21	12						28.4998	74.98811	24.6789	14.38493	19.14544	17.4379	NA	NA	27.42267	36.67483	20.55693	NA	34.17683	39.90543	42.73857	42.16099	NA	31.21998	8.8599	38.61391	36.87977	21.2067	14.73825	25.352	15.15984	15.42332	21.05599
CUST_47159_PI429010886	M74997	0.002289	15	12						355.9452	457.8737	488.3379	336.5091	331.029	328.0964	339.3078	394.7994	339.8879	407.3532	349.1356	500.5021	430.9519	497.6528	433.0579	486.3734	351.9054	411.1038	381.6649	420.2091	291.3805	447.2563	363.5385	348.7613	412.5292	353.5438	393.782
CUST_23939_PI429010886	N49734	0.002289	15	12						62.506	110.5233	110.2618	74.97194	72.08475	76.41163	94.7334	75.0125	110.1183	113.2835	77.57474	126.1331	96.21869	138.1473	128.7123	136.6153	89.6226	127.601	84.25035	90.62378	87.08384	132.033	107.2382	88.07214	107.9228	114.9376	106.2741
CUST_26244_PI429010886	N53907	0.002294	15	3						6.694465	6.889529	26.12256	10.32671	10.49198	29.49638	4.584527	10.66902	6.332988	37.09113	4.752758	7.23801	3.844435	3.824122	5.852448	5.241968	6.618021	15.72851	21.33841	10.77469	10.00064	6.374853	18.12711	8.435831	NA	4.347664	4.618065
CUST_51380_PI429010886	M93328	0.002299	18	9			Metabolic process	Cellular amino acid metabolic process		37.9853	34.49959	44.07915	20.24204	22.70056	23.12912	34.71929	46.83015	45.60489	54.79286	37.69054	62.39657	44.4356	53.07285	44.90621	42.5721	35.38107	29.76053	37.70458	54.35449	33.03817	39.14912	40.9306	21.15997	42.98911	38.07688	54.0716
CUST_36306_PI429010886	M15519	0.002304	12	9	443720297	hypothetical protein CAPTEDRAFT_167536 [Capitell	Transport	Ion transport	6.2E-26	38.37256	19.98856	39.68514	21.28517	19.02363	25.86961	22.64182	36.25025	28.1812	49.25815	36.9176	53.38382	24.05186	21.52056	32.31627	33.3136	16.34592	29.25253	27.03336	33.47045	27.77642	39.20447	33.70683	28.8539	31.69618	31.40253	31.14323
CUST_48972_PI429010886	M83257	0.002305	15	12						246.9496	265.9049	342.6195	249.5597	212.4692	236.449	243.2786	278.7763	298.3253	328.3197	249.8933	338.9665	280.165	384.1514	287.9804	343.4753	275.1873	296.9872	257.455	283.788	246.7296	274.5343	277.5533	228.4344	356.4277	281.9612	388.2685
CUST_44167_PI429010886	M65146	0.002315	15	9	260808229	hypothetical protein BRAFLDRAFT_122441 [Branchi			5.97E-10	8.463865	6.66543	3.695895	6.321198	8.494473	5.274301	NA	8.352146	NA	10.00064	63.76139	9.071169	9.403927	34.86394	10.36736	7.011247	5.227424	7.045477	9.744311	8.853279	NA	8.299606	12.7088	NA	13.82942	8.431174	13.23043
CUST_14120_PI429010886	N32359	0.002315	18	3						516.7166	1145.481	744.2633	1558.572	669.0767	1020.365	571.7132	498.9877	614.2182	654.3393	327.535	776.1766	395.8483	725.8016	290.1265	284.6753	239.7427	501.9627	333.7959	386.8238	1095.161	639.3223	1193.094	573.9804	913.8189	1010.922	499.9431
CUST_23349_PI429010886	N48677	0.002329	18	3						29.80377	86.5251	28.85125	131.6679	45.1372	65.43441	43.37513	31.44747	29.69991	40.44714	10.92713	47.46581	19.2011	37.84181	28.90009	10.22956	7.53941	36.41652	19.03731	17.70878	77.91084	39.59389	84.12226	41.72002	48.92704	76.19351	22.77196
CUST_18155_PI429010886	N39254	0.002338	24	15						102.3423	101.6741	94.48599	64.96286	79.57182	83.77617	78.25555	66.57113	58.97452	150.8165	112.8267	146.622	115.3125	96.06297	130.8664	175.1291	109.7501	137.6985	136.3426	189.4794	100.9909	189.4794	102.3344	111.3143	132.3882	138.8758	132.6337
CUST_45388_PI429010886	M68943	0.002347	15	12						223.4939	189.7693	207.3573	160.5038	165.7787	172.5998	121.2986	129.9842	172.498	204.5562	146.2811	251.0141	173.0247	270.6659	235.4879	248.652	155.4878	230.1517	180.8117	197.2996	154.463	230.5922	118.1291	112.1834	227.5328	181.7752	212.773
CUST_358_PI429010886	N4420	0.002349	18	6	478432608	beta-thymosin 5 [Pacifastacus leniusculus]	Cellular component organization	Cytoskeleton organization	8.4E-46	59.79684	35.58868	45.24266	46.73511	93.33448	38.24021	79.14778	52.10631	164.5463	58.40039	38.153	36.31618	46.9109	31.07173	39.70836	37.58456	42.19441	29.98387	44.4293	33.91251	24.28	60.95703	44.27177	51.192	64.26189	54.26471	38.41931
CUST_31677_PI429010886	M2148	0.002353	24	0						1214.782	1140.952	944.3898	1022.691	705.5663	1035.582	932.818	696.3149	865.9484	795.9721	849.3126	893.1457	639.8175	844.933	868.0572	1663.806	904.8603	709.528	1399.299	995.7921	1118.208	908.82	1060.287	918.6617	1317.659	1019.767	1248.552
CUST_43143_PI429010886	M62188	0.002354	15	0						247.0492	233.3995	241.9617	139.9664	196.1002	200.337	173.9653	161.1553	155.1312	248.1506	187.1216	184.8426	120.0958	191.2063	189.7138	278.6013	203.1221	245.0284	199.281	205.4212	220.511	199.1974	177.9987	184.654	304.9967	193.8001	240.5734
CUST_39903_PI429010886	M46604	0.002355	24	15						29.00747	51.05906	16.79285	28.21862	24.91029	34.46849	16.87735	6.890716	30.15316	41.87987	51.20005	89.32488	80.25744	69.80469	54.73192	141.8752	NA	143.406	43.12973	41.96064	67.56871	70.08131	64.91729	45.93669	68.2359	80.4611	112.9419
CUST_336_PI429010886	N4036	0.002376	15	12	189242004	PREDICTED: hypothetical protein, partial [Tribolium			1.98E-08	311.394	378.1899	423.4903	145.2889	129.772	61.23542	1164.641	971.7833	2253.027	743.4007	280.8226	639.3223	4114.35	5836.719	3084.768	2716.899	2035.189	240.8565	685.9612	375.0345	362.1101	448.2914	638.9314	762.5883	5674.79	288.3979	7985.61
CUST_49598_PI429010886	M86342	0.002377	24	18						84.55489	66.62115	61.71609	68.9769	57.15725	70.75343	70.39937	77.24703	75.96227	83.94314	84.88556	91.31323	83.35473	94.97923	92.68449	118.3632	84.79763	71.33278	76.72395	126.2208	91.79308	97.84604	82.46049	69.56167	67.52161	67.19434	97.3486
CUST_54391_PI429010886	M105836	0.002377	21	12						4.65346	10.8172	11.25284	3.422354	5.214068	13.63796	4.556789	6.195387	NA	7.625766	11.39999	13.8468	7.516724	18.10445	17.11883	14.92766	NA	11.51911	11.26061	15.73055	15.14732	16.42533	8.988276	NA	6.680971	7.506584	7.329225
CUST_15384_PI429010886	N34498	0.002392	15	12						28.52767	36.34774	35.66432	30.55085	25.78835	30.68045	19.57848	20.56557	21.70738	22.38112	16.64978	33.21734	27.56341	40.25661	35.6179	32.15263	24.03089	29.92689	25.87167	27.22266	16.78445	30.0571	21.43684	17.59447	28.87134	36.39578	25.68325
CUST_35726_PI429010886	M13312	0.002405	15	12	260821736	hypothetical protein BRAFLDRAFT_83989 [Branchio			1.52E-13	70.90857	76.21767	98.97177	66.94583	72.04379	58.11529	56.69692	84.84663	73.76113	91.47195	69.76028	79.34273	91.51834	98.84179	97.5299	86.61515	71.57464	62.03099	61.2655	69.40293	56.46834	95.89707	82.75397	38.18452	85.17905	64.80696	69.72451
CUST_10086_PI429010886	N25669	0.002405	15	12						23.40229	30.57199	28.64267	22.87829	13.13021	13.10657	13.22714	18.2155	25.6517	22.5025	21.58196	31.48729	18.44752	33.49626	38.56175	26.49155	26.34508	29.32849	19.6024	20.78959	18.39671	33.28531	25.29278	17.22867	27.60563	25.65833	29.18222
CUST_460_PI429010886	N5425	0.002405	15	12						3218.113	815.8741	28610.41	49.64767	113.3258	46.94189	5751.466	36398.63	30617.99	45084.56	1346.091	2676.76	34870.47	61640.76	28226.57	597.939	24915.2	316.8071	1787.33	3158.604	874.9124	15271.23	44923.37	1308.281	47369.29	1904.883	45272.91
CUST_10743_PI429010886	N26716	0.002408	18	3						182.4687	91.0847	28.25834	72.84986	157.0244	156.0949	79.81539	59.40092	57.68381	49.02131	44.82913	37.19186	70.47227	26.83276	43.8479	83.83973	15.46051	46.37649	45.33809	82.90011	30.39192	263.2877	46.46836	247.0952	118.1469	91.27166	70.09922
CUST_16765_PI429010886	N36832	0.002418	15	9	390369713	PREDICTED: WD repeat-containing protein 76-like [			9.84E-07	6.981775	17.09174	35.88829	NA	5.352926	NA	16.37326	35.11564	43.63321	40.81934	28.77061	34.54419	18.53665	26.20316	29.46496	6.001769	15.66989	13.30348	18.02463	9.602601	21.18145	40.82323	19.676	NA	92.34903	22.52377	63.64323
CUST_55099_PI429010886	M108732	0.002426	15	12						518.0939	698.0293	780.6851	546.3542	592.9907	639.1213	463.3861	650.3692	671.0656	711.6467	635.437	823.8136	714.0634	706.1971	771.0971	948.7418	654.7049	633.3531	565.2058	610.8058	546.8107	793.3041	710.22	614.3849	817.4781	667.377	849.0108
CUST_52234_PI429010886	M96801	0.002442	15	0						149.9119	110.8588	146.9588	119.3795	94.76564	113.2396	105.9793	132.5751	111.9958	95.50344	92.28356	105.2005	90.3266	111.9132	97.37669	122.0703	112.6761	119.228	119.0396	109.7731	109.6686	120.2795	116.7026	107.3414	105.5539	109.5513	75.41714
CUST_1384_PI429010886	N9464	0.002442	18	3						85.03701	47.03357	57.22832	116.5433	78.77563	126.7579	51.52202	229.2792	33.38032	81.72278	64.85632	51.90738	31.15965	44.86761	19.61572	51.34112	31.88591	33.21734	116.0676	119.0071	59.90035	65.76284	66.00564	93.46673	34.11202	79.79104	197.9029
CUST_12396_PI429010886	N29395	0.00245	21	0						2999.441	3842.983	1891.601	2377.614	1849.813	2120.568	1818.602	1455.397	1248.552	2004.816	2029.752	2082.977	1672.079	1634.318	2536.388	2955.19	2464.001	1690.584	2348.331	2656.499	2354.203	2256.115	2236.34	3060.282	1877.805	2483.895	1516.22
CUST_4455_PI429010886	N16792	0.002451	24	0						51.04482	37.99335	65.68694	33.29463	40.81311	37.31224	51.23152	40.63191	54.14583	39.70836	31.56943	29.28327	35.59331	42.36335	27.20523	29.37651	44.44423	37.27042	37.10254	30.65915	45.71627	54.1859	46.41914	52.05083	85.54854	47.90583	45.7637
CUST_7786_PI429010886	N22074	0.002452	18	9	157105197	glycine dehydrogenase [Aedes aegypti] >gi|108869	Metabolic process	Cellular amino acid metabolic process	5.6E-128	88.52351	99.70619	92.57501	84.92511	63.27271	54.55243	61.61655	110.9478	104.5737	126.727	108.5779	123.9272	121.4843	140.3314	99.30005	105.798	84.96006	61.81309	113.0468	153.6441	84.05405	81.13979	89.97695	72.5683	103.9053	88.18553	127.6382
CUST_36365_PI429010886	M15717	0.002453	15	9						32.88145	32.54126	71.40808	12.30553	8.572306	NA	53.48774	38.92558	91.55434	70.21778	39.34212	43.33729	68.38203	131.1004	32.27198	47.80199	49.17946	33.28531	10.04937	27.62695	17.88327	104.9178	153.9817	12.09699	269.9093	48.80089	476.0617
CUST_52559_PI429010886	M97939	0.002453	18	15						10.09872	NA	NA	6.678981	27.4692	19.76282	14.30414	14.08168	20.98222	6.053883	4.823868	6.697246	10.62697	8.711267	9.410572	34.36064	25.75936	38.66828	23.65678	NA	22.81578	29.85007	18.74405	16.57544	46.32451	8.494473	13.49483
CUST_17951_PI429010886	N38892	0.002472	18	3	148224993	nucleoside diphosphate-linked moiety X motif 17 [X			1.47E-18	46.14411	36.59373	49.35995	53.8998	34.88888	63.3148	32.25819	32.78199	38.60692	33.37295	32.58533	28.14021	42.16986	38.31256	27.31503	32.82252	41.93393	34.27356	39.55733	20.94079	36.56569	41.50677	87.68861	63.95336	43.86454	42.09086	32.46954
CUST_9425_PI429010886	N24604	0.002484	18	0						176.3863	180.9607	161.6447	147.6293	144.2537	122.1911	116.6682	133.8309	130.9642	175.0456	147.8113	163.3967	135.2179	169.275	128.7368	193.8001	162.1184	137.5108	213.2126	186.3412	213.0626	160.1366	129.9123	107.0931	193.9691	122.5998	121.562
CUST_40134_PI429010886	M50848	0.002486	21	12	37780426	hemocyanin 2 [Pacifastacus leniusculus]	Transport	Other	1.62E-09	3.967645	97.44558	47.15656	255.9554	195.3201	42.2531	116.4359	1177.547	236.5291	123.0412	1088.645	1253.307	2761.396	55.72398	1305.146	5.699756	494.8206	NA	54.88431	20510.07	357.9328	7.526258	36.97731	18.36981	10.10137	458.0989	820.5141
CUST_9208_PI429010886	N24234	0.002492	15	12						246.92	269.1187	320.2376	229.2792	233.9751	166.4452	230.8646	216.6058	276.4162	322.671	211.4751	271.1281	280.7715	323.9834	254.2781	369.0374	262.4649	252.7105	226.8738	196.2921	243.5153	279.6762	244.6702	216.1505	300.5825	238.0845	292.0563
CUST_24512_PI429010886	N50750	0.002492	15	12						31.07173	19.48105	16.74068	12.71932	27.53501	15.27554	10.37992	9.816503	10.76087	21.13287	13.90672	20.77394	25.749	27.86117	23.95916	14.26332	10.35975	20.44923	20.70392	14.79157	19.12122	23.07547	6.716238	12.80802	23.9514	17.24517	18.50615
CUST_26049_PI429010886	N53566	0.002492	21	3						28.02553	87.94324	43.73764	168.2678	63.65837	66.27543	54.94382	35.07318	58.10187	37.22874	23.80497	57.92964	25.37501	45.82004	34.76682	37.58201	12.27296	50.6408	29.62034	38.84241	75.89665	53.28731	98.86383	54.10071	73.73837	79.59942	42.81625
CUST_31921_PI429010886	M2738	0.002507	18	12	465995229	Protein TSSC1, partial [Chelonia mydas]			4.67E-89	281.4899	446.4087	351.1194	286.3036	238.8599	242.6123	225.3596	349.1356	323.0511	386.4471	332.5951	427.5571	351.2576	381.4199	344.1554	461.7538	255.6621	350.7295	306.8029	386.5159	267.0878	326.6284	240.3331	260.5944	326.8661	292.6086	303.7146
CUST_24073_PI429010886	N49983	0.002508	18	12						7717.52	10200.91	8117.934	5065.56	7876.866	6665.624	6894.743	6005.835	7995.416	14583.52	7034.347	11143.54	10415.22	11413.33	11838.35	12563.99	6694.984	10247.75	7188.247	11437.58	7828.426	10575.43	5819.009	5830.309	11243.07	8421.341	10190.76
CUST_22630_PI429010886	N47363	0.002509	18	3						11.82579	8.567471	11.74252	43.35936	53.52565	58.85113	11.31889	15.36262	39.08441	11.35551	8.711267	14.42119	12.25276	10.71325	9.126873	64.18045	4.067469	41.53296	14.74805	16.59282	17.11711	21.15466	NA	23.07266	16.0587	25.40852	20.46051
CUST_11309_PI429010886	N27599	0.002514	18	0						30.19387	16.94555	20.01489	14.74805	17.83843	6.500221	4.624212	NA	NA	15.81096	NA	15.25972	NA	15.99082	11.21554	6.041641	NA	14.09963	22.07787	9.085039	20.14785	14.91553	14.63523	8.73506	8.336358	10.32397	8.720501
CUST_613_PI429010886	N6328	0.002515	15	9						65.68089	56.56158	46.19529	33.94434	47.68335	35.17499	52.37245	69.216	55.47668	86.23591	49.5373	87.84073	61.53357	72.8194	50.32404	67.36225	45.46228	48.19648	43.91811	51.2626	48.94831	46.52112	57.60743	54.28784	77.39037	44.24444	82.53975
CUST_10754_PI429010886	N26735	0.002517	24	0						64.52054	53.97066	43.27178	31.40253	36.01332	61.29672	44.09799	28.53867	31.28664	33.1299	41.27495	32.60462	25.72523	39.8966	39.19383	41.12787	30.34438	30.06057	45.34827	23.61475	35.28275	56.03237	38.05146	43.31294	45.31583	48.04331	65.38012
CUST_34438_PI429010886	M9680	0.002517	21	0						19.75359	7.030976	25.749	17.29225	6.992992	10.08763	6.343801	6.170344	NA	5.002446	6.268939	11.04742	4.852014	10.9288	6.559123	NA	7.07379	NA	8.191948	9.059534	11.16007	15.06859	10.6327	13.19779	10.9847	10.58947	9.177025
CUST_549_PI429010886	N5938	0.002518	21	15						2693.745	3651.445	1731.857	4031.594	6380.497	5004.678	4.427429	37.20514	789.7368	1251.807	956.4623	3855.839	2230.655	1588.949	2789.972	10884.33	NA	7060.087	2274.622	4803.756	4598.774	9770.164	3197.843	3355.686	3087.397	818.9073	1007.032
CUST_9749_PI429010886	N25139	0.00252	15	9						33.26462	126.2631	93.98995	25.73345	40.75734	NA	NA	31.82074	117.7859	198.5364	118.8883	273.1122	68.95198	174.4788	130.4973	114.9498	31.72455	88.24844	73.67904	174.8316	90.36196	163.1844	125.9169	NA	189.9402	227.312	308.9771
CUST_50322_PI429010886	M89442	0.002521	12	0						32.3288	26.94089	36.41327	26.40308	19.89057	20.8959	20.03907	21.30062	19.01018	22.15217	23.4177	16.56922	26.4083	48.75681	23.07266	20.57577	22.40881	17.57242	23.85138	27.73533	7.405027	35.70225	25.86961	23.17075	29.08151	26.17206	34.9503
CUST_2791_PI429010886	N13115	0.002529	21	6	242008167	vacuolar amino acid transporter, putative [Pediculu			6.5E-99	71.19859	68.06658	66.32627	76.75659	68.61799	95.86282	109.5173	84.27092	100.9197	71.38963	62.74739	64.9512	76.02137	43.57816	65.63314	66.06376	55.82952	65.87006	53.66581	66.48727	64.90973	42.02786	67.52947	99.34504	72.38234	80.82297	52.36466
CUST_3806_PI429010886	N15313	0.002536	15	12	255985514	Kazal-type proteinase inhibitor [Pacifastacus leniusc			1.02E-24	97.18779	244.1579	217.159	39.87225	29.42815	33.26462	175.6552	108.555	256.8944	238.7009	150.8429	98.50813	311.8796	160.0546	160.6473	117.67	179.1099	65.02562	76.2979	108.9026	92.73234	120.5115	80.05215	45.07578	156.5208	75.49979	212.8309
CUST_46054_PI429010886	M71204	0.002538	24	18						19.49159	23.70771	14.18775	15.29798	29.2558	12.0262	19.88479	10.75433	15.84192	22.18561	19.63409	12.81928	17.14547	27.42777	25.41871	32.85525	33.14786	25.50317	30.75644	29.5179	35.19263	13.68168	29.83725	14.34646	29.55524	15.73405	9.073537
CUST_23038_PI429010886	N48149	0.002544	18	9						100.0068	79.14043	155.1093	89.30785	94.30105	92.23086	97.82533	99.79838	98.43882	122.6119	127.0638	124.1861	85.48477	117.2199	111.0532	113.6641	116.7026	96.25237	101.0393	95.32771	95.80114	77.50869	145.9425	72.21046	115.5	120.8512	119.3486
CUST_22072_PI429010886	N46372	0.002544	21	18						683.1376	626.2648	818.4343	586.5167	569.6586	661.1589	568.3832	553.514	578.2355	650.8924	619.5429	631.6256	641.5416	666.1474	712.3784	787.7599	655.7469	603.7585	646.4459	739.0931	696.1501	655.9864	634.7435	588.8612	696.5534	610.3506	692.5393
CUST_35206_PI429010886	M11898	0.002552	18	0						20.74032	16.01119	19.34811	19.80135	15.2714	25.85777	6.66209	10.68037	7.700308	30.06057	8.183936	14.18613	16.83531	17.91994	16.23932	16.5954	13.23457	27.77642	18.77555	24.07736	27.88984	17.25706	27.89681	12.82841	13.93866	5.982092	16.17036
CUST_54036_PI429010886	M104196	0.002565	24	18						51.59241	47.02203	60.7605	42.85091	51.54393	36.37157	51.47065	39.02375	40.66714	54.46899	77.73408	61.57414	39.85765	48.58552	47.0845	61.20199	98.15841	55.44212	72.72106	77.99438	63.39728	50.09195	65.22887	54.07518	60.08391	41.7785	75.48481
CUST_36411_PI429010886	M15834	0.002566	24	15						706.0046	481.5308	595.8659	439.2082	281.3948	450.3936	936.7815	478.7395	601.1869	1468.172	569.1252	541.31	909.4624	566.9632	387.2348	1730.048	1042.392	578.8676	1094.71	757.8647	533.6685	565.434	658.1422	562.1725	513.797	411.751	654.3393
CUST_47938_PI429010886	M78235	0.002566	21	3						21.9058	20.96791	19.96619	30.93394	27.28673	42.74237	17.93568	5.253549	20.08697	18.87506	17.14965	21.22623	15.96275	24.31121	21.56963	16.79729	6.56829	26.39959	17.66287	15.63968	16.29239	20.07638	38.96658	17.01511	26.78191	22.93702	25.09429
CUST_42840_PI429010886	M61391	0.002574	24	21	525021360	PREDICTED: TELO2-interacting protein 2 [Ficedula a			6.64E-07	31.43244	35.55553	43.8479	18.7912	26.31693	19.9426	25.64937	21.01736	18.61312	43.95633	22.88601	21.56178	27.13299	30.95933	36.75997	39.93998	25.08483	32.81302	31.23744	35.61182	32.05856	42.61497	46.15285	28.73136	38.98692	33.83579	31.14945
CUST_52192_PI429010886	M96695	0.002574	24	18						33.98937	30.12077	33.45023	20.87254	18.97668	15.2636	19.37009	21.80739	19.48299	42.95535	20.71979	21.61291	20.78572	25.37	22.11463	29.88134	28.11972	27.78422	28.20146	41.8496	26.35743	39.55173	25.79616	19.39031	32.89748	11.32793	22.4434
CUST_9319_PI429010886	N24434	0.002574	18	15	242011856	zinc metalloproteinase, putative [Pediculus humanu			1.31E-20	858.2338	763.6837	872.8348	466.4129	886.1313	759.5836	581	421.6001	596.4585	1214.293	665.6609	964.9461	504.2482	656.1679	536.4898	1374.989	793.5884	1035.582	832.9715	595.5631	753.9359	923.7156	452.6313	304.1627	364.2987	421.7857	401.1607
CUST_18292_PI429010886	N39514	0.002578	18	3	321469843	hypothetical protein DAPPUDRAFT_318231 [Daphn	Transport	Protein transport	6.13E-41	49.32644	149.4128	52.08136	132.5094	52.56971	93.39666	53.01853	40.18883	50.39093	47.68335	23.50904	59.06999	35.48457	50.74126	17.17879	39.98555	25.79784	40.53465	26.14767	41.29432	77.6254	44.78041	101.5278	71.85634	57.41889	79.49534	38.30389
CUST_48484_PI429010886	M80570	0.002579	15	0						1511.146	1316.85	1642.855	1236.256	1107.396	2095.03	492.8667	528.3775	615.3731	918.9933	1278.309	1512.011	376.4458	1433.182	1004.987	1554.539	1202.61	1847.968	997.4048	2077.773	1315.293	1212.885	796.7421	685.5063	1154.447	1392.643	1098.078
CUST_3440_PI429010886	N14503	0.002579	15	9	512850564	PREDICTED: von Willebrand factor D and EGF doma			8.72E-18	1416.05	2774.636	1433.821	804.8286	3576.101	204.5562	486.9644	978.4784	2009.101	6329.544	3051.185	6260.184	2876.173	2596.508	2736.774	4161.995	856.5552	2009.101	1441.828	885.2161	1261.41	3065.467	1885.749	537.1757	4706.053	1497.781	4309.606
CUST_27643_PI429010886	N56429	0.002589	21	15						116.3563	106.9663	98.31044	80.82297	97.61331	63.17657	97.37669	89.61164	91.066	82.50766	101.6576	120.8888	95.76592	97.47845	97.96017	108.3989	157.6076	125.6357	119.9827	88.06388	103.3649	108.0902	93.81682	108.657	112.5941	78.19261	73.84429
CUST_6111_PI429010886	N19643	0.002596	21	9	260810737	hypothetical protein BRAFLDRAFT_66615 [Branchio			6.74E-22	4.983069	5.205738	NA	20.35072	36.23985	15.3428	21.70044	81.9929	62.85005	NA	91.07591	92.8298	74.09449	12.59689	32.07598	3.694473	37.10254	12.74489	4.578086	176.5188	71.62646	NA	11.85953	10.20858	NA	21.9738	28.32791
CUST_47787_PI429010886	M77618	0.002606	12	3	478256790	hypothetical protein YQE_06536, partial [Dendroct			2.54E-18	99.4135	59.57796	62.90335	140.8068	217.8082	177.1792	212.046	98.18381	105.2542	44.50009	165.2021	39.18988	88.4815	52.70775	77.65762	103.9891	228.0483	140.5892	114.9603	36.16451	128.969	94.02768	88.39516	165.2714	83.19226	74.67944	33.23109
CUST_4770_PI429010886	N17444	0.002606	12	0						130.6431	121.9963	152.8803	107.6007	112.5446	100.3232	93.83775	123.1997	88.51347	136.3782	115.9131	137.8813	119.6624	181.1348	150.3004	122.7515	123.5719	116.516	112.8928	125.4528	121.3759	146.7445	121.2504	138.0216	145.4402	141.6752	137.9332
CUST_11340_PI429010886	N27650	0.002606	12	0						1209.913	3942.272	2642.053	734.7434	261.5579	287.9804	564.2409	1697.824	1599.783	1977.124	2273.444	3419.141	1863.799	3549.404	2582.117	796.983	675.5498	1832.42	1335.109	6536.631	1177.547	839.2544	2452.337	402.8509	2079.573	4303.084	3281.126
CUST_22923_PI429010886	N47927	0.002608	15	12						18.2155	22.21414	18.76417	19.01762	16.1321	22.55627	15.3592	14.75394	9.570885	17.23726	11.7224	22.79581	17.02832	22.90764	32.38272	19.02839	18.97898	17.62531	11.69586	18.47407	19.11241	14.33237	12.47875	11.71536	22.67277	27.80089	21.54483
CUST_29472_PI429010886	N59934	0.002609	24	21						11.91576	20.60205	18.36165	15.49062	13.89365	16.85251	10.23894	11.63473	9.895282	12.6884	9.473492	14.00504	7.160939	16.16487	12.53064	19.05757	13.66601	22.57964	13.37205	16.6126	28.42343	22.0851	19.06722	14.40546	24.8301	14.50945	18.12277
CUST_35101_PI429010886	M11577	0.002612	15	6						73.33005	60.44797	72.44248	66.92364	95.50344	73.32053	101.6676	123.8281	115.478	90.82199	90.15151	100.668	101.3798	81.03057	79.71189	67.51475	102.8432	57.75281	106.2171	84.32383	73.42232	115.284	92.86535	76.27537	114.4136	73.86349	118.6617
CUST_15731_PI429010886	N35044	0.002613	18	0						60.12109	78.84971	71.68684	66.76607	67.94324	65.26948	41.66889	50.58305	48.23121	77.36396	53.80266	53.76242	55.37764	56.64379	63.92583	82.07629	58.40782	76.46353	62.04982	78.44959	64.53642	81.55572	51.28805	50.91495	54.33444	47.86881	64.68215
CUST_31428_PI429010886	M1500	0.002614	12	6	478304706	aldehyde dehydrogenase 3-1 variant B [Aedes aegy	Metabolic process	Cellular amino acid metabolic process	6.8E-101	18.03368	12.89788	7.468703	23.32806	19.13703	27.42544	14.97143	50.41901	37.2354	23.53335	54.32031	55.5381	14.27944	13.00375	14.4465	14.0442	23.86861	13.80995	21.43684	72.2558	42.74724	20.76211	17.82561	14.46778	11.11474	24.72623	16.59282
CUST_34740_PI429010886	M10522	0.002614	18	15						82.16288	70.34764	62.3113	64.73839	63.97505	53.07285	54.12178	53.88876	66.57113	108.7034	66.98492	71.80124	68.16131	64.72483	73.62986	93.46673	84.73278	60.55923	69.87848	57.34357	67.06219	59.74927	54.06396	49.54106	78.1117	61.07679	66.51857
CUST_23444_PI429010886	N48851	0.002617	21	18						25.82739	28.44308	29.79862	7.638107	27.22266	17.34013	11.7952	12.51566	20.22094	32.43294	19.63939	15.69662	18.91018	19.20292	28.22043	32.96039	20.47619	20.37942	25.32849	31.86956	34.03541	22.97006	29.41419	23.93544	35.60156	17.08222	21.99795
CUST_745_PI429010886	N7111	0.002639	21	9						476.8506	437.0609	231.1968	410.8257	165.3955	158.2913	497.1091	146.5685	288.3979	1217.974	343.216	1550.902	809.6878	679.9331	400.8956	392.8804	483.2456	489.338	1042.897	128.5885	712.5461	338.892	357.6255	208.8792	101.6676	216.1856	315.9925
CUST_49139_PI429010886	M84314	0.002644	15	0						100.944	307.7422	201.008	70.14592	135.0409	139.0616	53.13993	18.07682	68.9445	82.78386	136.0993	92.40099	33.37295	116.2372	66.33339	127.5818	103.9053	177.6428	97.95028	97.73561	105.8358	102.8077	58.04233	56.37263	106.908	52.55999	66.6859
CUST_50385_PI429010886	M89655	0.002645	12	9						43.57431	27.07492	77.53281	4.364395	NA	NA	38.78083	58.82472	28.26309	101.3025	31.14945	55.29787	50.12098	72.07584	35.12625	4.84199	27.03027	10.23206	39.25762	15.39298	19.49659	60.93646	62.60675	56.32248	90.38098	50.43461	86.47473
CUST_36477_PI429010886	M16012	0.002654	24	0						198.2869	181.2996	265.4463	185.9766	174.3026	167.5472	148.1409	159.8062	127.5355	170.5103	157.8626	120.1854	128.9181	146.1108	160.974	228.9161	194.7223	167.9263	179.8168	201.1076	133.6865	268.6688	124.1467	153.9392	235.1729	200.9492	195.3573
CUST_51518_PI429010886	M93819	0.002675	21	3	321478548	hypothetical protein DAPPUDRAFT_303085 [Daphn	Metabolic process	Carbohydrate metabolic process	1.18E-07	13.66784	20.58261	18.14003	22.13925	13.99239	19.98178	7.327597	14.42559	NA	8.013121	4.091735	9.023167	9.755316	12.85382	7.837273	9.129182	8.447696	9.268485	12.20868	11.92804	20.91226	10.07966	12.81312	9.631079	13.09004	13.295	10.75755
CUST_4120_PI429010886	N16059	0.002676	15	9						112.7975	118.5776	123.2283	86.17533	109.1565	91.83515	100.1974	114.8562	114.0301	166.6809	103.6058	170.3686	120.8733	119.5328	170.9831	140.4504	127.8836	123.5719	91.82524	132.0957	108.3989	150.8165	116.2372	96.55629	144.3246	154.7047	147.073
CUST_33537_PI429010886	M7207	0.002678	15	3						1384.531	26.00775	1442.354	1399.299	2461.297	1814.412	1395.016	402.9446	162.7472	60.36203	1592.642	NA	216.4071	80.92356	87.00147	NA	2766.721	1052.364	4537.099	NA	1482.523	NA	1947.429	2363.842	17.92979	386.2115	14.5958
CUST_9840_PI429010886	N25282	0.002679	21	0						298.9754	207.1975	228.0216	142.7994	184.7219	135.403	226.6353	157.378	164.7626	189.6264	166.5598	124.5589	141.8965	133.6452	130.2006	205.8829	208.936	139.8135	196.9122	151.752	171.3364	205.5616	183.021	224.9679	223.2901	143.2947	180.2584
CUST_5035_PI429010886	N18180	0.002691	21	0						1210.418	1156.728	1334.604	1019.044	1073.527	1142.155	973.9722	962.8744	879.939	984.2764	989.1564	1225.452	871.9238	720.0434	1135.012	1209.913	1277.616	1242.81	1248.106	969.5225	1023.389	1104.958	1247.588	1311.23	1001.156	1080.655	876.1774
CUST_28123_PI429010886	N57339	0.002698	21	0						9.059534	16.83531	18.18793	8.291054	14.80809	6.868272	9.902997	8.052649	13.16535	8.851901	6.449652	7.708974	10.7807	NA	14.01249	18.76152	15.79894	14.27753	NA	14.02581	11.93292	16.51414	27.27234	20.44752	6.756825	14.23639	4.601952
CUST_47529_PI429010886	M76486	0.002705	12	3	330434836	hypothetical protein [Macrobrachium nipponense]			3.26E-10	104.46	214.1332	118.275	128.3451	368.0783	48.30896	94.38745	106.9212	136.1436	77.02903	51.89227	29.42444	86.12374	67.90618	62.1467	251.6265	158.7513	172.9267	126.4932	165.9977	187.3568	64.05654	74.76616	90.50136	150.6483	153.8729	81.73063
CUST_25463_PI429010886	N52462	0.002708	24	0	296245397	inhibitor of apoptosis protein [Litopenaeus vannam			5.03E-27	96.09446	102.4647	121.0374	152.8609	87.59441	69.216	116.6217	83.06954	87.6188	92.31619	86.28429	92.01375	65.02052	83.74259	86.85226	74.84295	60.37132	84.86918	82.29118	83.58732	113.5368	92.06564	79.1048	72.73041	109.8902	92.61954	94.7334
CUST_52403_PI429010886	M97333	0.002708	15	9	321461236	hypothetical protein DAPPUDRAFT_254702 [Daphn			2.12E-09	68.38918	27.54447	839.5092	14.56343	5.893349	8.186201	88.71715	256.333	2250.529	1144.662	1197.916	1903.519	428.7852	3949.649	2203.176	790.3406	287.6352	470.1075	363.9558	1469.899	383.9376	3551.684	3599.759	67.79099	4044.665	1548.599	5830.309
CUST_1027_PI429010886	N8264	0.002708	15	3	546673984	hypothetical protein D910_02907 [Dendroctonus p			8.97E-20	40.63191	163.329	56.76781	134.5271	174.3314	90.45788	66.09037	7.584705	56.9044	34.06396	40.07867	50.29826	55.59887	83.83314	59.40544	187.0999	54.63011	70.83788	31.88591	219.9571	64.60382	84.93221	60.43419	43.86105	37.38397	35.60511	21.7873
CUST_28359_PI429010886	N57800	0.002712	18	3						32.83834	23.96204	34.64486	28.24369	76.61613	39.16114	23.78208	10.01285	24.71578	24.21798	26.89586	18.40021	16.23047	20.61883	18.84309	30.53983	20.97008	12.54832	37.32162	17.95452	16.44239	40.28418	29.88417	28.69415	41.72002	37.74785	19.98178
CUST_28900_PI429010886	N58815	0.002728	18	0						41.97456	42.45744	42.34172	37.13409	37.75935	31.06856	28.6142	31.75969	32.99848	19.55335	39.42313	19.86545	24.19346	32.99565	32.53672	38.43363	38.56543	38.51022	51.6678	29.6615	41.23729	34.92634	37.72041	46.16276	49.63154	28.40026	24.8201
CUST_4734_PI429010886	N17371	0.002731	21	9						479.5081	501.702	397.525	718.4589	637.2498	537.0505	805.2979	320.5083	1991.454	2049.694	742.4096	492.3863	671.0656	1864.705	702.4802	1667.846	946.7835	937.6859	552.8917	642.8014	577.0235	228.6362	380.8862	271.8631	3696.299	705.2005	3001.59
CUST_8953_PI429010886	N23847	0.002738	12	0	332380580	syntenin [Penaeus monodon]			4.65E-86	59.29234	52.63381	90.43345	40.49813	41.95242	31.55142	48.34765	80.35671	66.62115	75.75933	52.97579	67.48171	72.54647	81.79478	64.10673	47.22465	66.53186	40.3031	59.06999	64.82649	45.62376	51.79552	55.16975	42.34616	97.25472	59.07548	144.5244
CUST_6412_PI429010886	N20067	0.002741	15	9			Protein metabolism	Cellular protein modification process		111.1643	197.5444	125.8598	31.66766	35.88829	13.75707	16.2854	37.75561	38.38764	279.3325	455.8444	694.099	64.62929	427.0325	288.3979	257.0386	39.35128	95.99909	224.6396	254.3377	249.5102	121.2041	286.423	9.707875	510.619	381.2578	744.0064
CUST_55401_PI429010886	M109932	0.002749	24	12						671.0656	378.7197	836.4238	587.1049	637.0757	768.7795	741.589	467.3451	745.0756	836.7397	718.6829	892.8593	1056.762	1322.445	1136.737	923.7156	857.3719	947.2744	783.8018	976.6512	758.445	711.9048	1057.219	827.8275	618.5189	768.5376	1418.381
CUST_16131_PI429010886	N35710	0.002762	21	18	260782339	hypothetical protein BRAFLDRAFT_288962 [Branchi			4.37E-55	53.59509	69.89586	79.16747	79.70393	54.75352	66.87846	60.31958	53.05965	45.42508	56.85652	73.67904	71.09841	61.81309	71.6044	86.64513	70.63158	77.39915	78.72104	82.02402	69.78353	98.49703	61.99224	77.95158	97.70002	60.14737	63.1832	70.75343
CUST_56605_PI429010886	M114208	0.002764	18	15						388.0401	247.0088	341.9433	110.8992	425.8413	317.3817	450.7936	318.3844	321.5473	550.9319	276.7912	363.2398	517.8895	464.7526	406.415	445.1412	468.0946	655.5465	335.4299	348.906	324.9748	366.1623	184.8121	160.1083	163.6892	301.7456	379.0179

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_45634_PI429010886	M69744	0.002771	12	6	443709493	hypothetical protein CAPTEDRAFT_17949 [Capitella	Metabolic process	Oxidation-reduction process	6.55E-20	17.7146	10.48086	11.14291	28.40026	15.25038	22.81875	58.892	21.0027	22.39942	11.77644	21.63606	20.30807	19.95159	16.57948	15.1245	12.98669	23.48661	23.82095	19.07974	33.61445	22.28718	17.86001	16.91321	23.85453	10.27148	18.70291	13.25603
CUST_51280_PI429010886	M92920	0.002771	12	0						89.0565	91.59828	107.4484	97.04503	85.32395	79.86307	69.87848	77.87542	82.90947	97.77159	66.04832	88.14739	105.1	124.2142	131.7044	109.5513	75.52934	106.9318	50.77711	66.39266	89.0456	111.6728	85.18737	99.01075	94.94128	89.26714	105.8476
CUST_56338_PI429010886	M113541	0.002773	15	9	291242287	PREDICTED: ribosomal protein L23-like [Saccoglossu	Protein metabolism	Ribosome biogenesis	1.19E-30	842.9384	944.0597	931.4066	714.7333	946.7835	963.151	818.0738	801.0442	953.9498	1145.003	950.8038	1256.084	891.0101	1118.208	1076.944	1023.389	879.3705	966.1688	875.926	882.5331	897.6332	1242.81	920.3504	947.8741	1328.909	1000.493	1133.519
CUST_11380_PI429010886	N27720	0.00278	18	3	432958375	PREDICTED: oocyte zinc finger protein XlCOF6-like [			1.92E-25	14.54491	11.88414	NA	18.7895	14.1684	17.3028	16.92026	8.674882	11.51778	17.78837	15.87262	8.870531	4.072154	NA	5.692545	7.187407	13.18006	9.53977	13.58792	10.07966	20.12612	10.65706	23.33049	22.27554	11.28199	7.167214	5.900143
CUST_46108_PI429010886	M71402	0.002781	12	3	260176409	Euphausia superba isolate Hap_405 cytochrome c o	Metabolic process	Generation of precursor metabolites and energy	6.42E-85	29.09978	19.83698	32.13434	49.61919	37.62291	50.77029	48.01455	42.95145	37.68293	25.03208	29.12589	31.56432	29.5273	26.67261	25.70354	27.18775	61.86332	40.62855	45.31583	30.25566	35.32948	31.66434	47.15656	29.72539	33.41929	33.61051	25.47702
CUST_11112_PI429010886	N27285	0.002784	21	18						68.2359	67.58357	76.53451	43.93802	51.93952	83.8218	61.8328	64.11406	48.78617	56.08637	47.3594	40.89955	50.53472	60.78952	63.21853	57.31513	83.96253	61.94492	93.01036	78.13459	58.58074	87.94324	54.86156	84.02515	57.58322	55.98343	63.65227
CUST_32869_PI429010886	M5322	0.002785	24	21						9.139595	10.05433	20.44752	NA	4.130332	NA	5.332222	NA	4.935503	8.0157	3.936787	4.36971	5.116273	11.33971	7.049754	10.96515	11.01416	7.541361	7.734699	11.70432	6.367638	12.7088	11.56735	NA	15.81822	6.667395	8.044043
CUST_44980_PI429010886	M67606	0.002787	21	15	196016816	hypothetical protein TRIADDRAFT_33849 [Trichopla	Metabolic process	Cellular amino acid metabolic process	1.22E-29	8.162714	7.447234	13.24259	10.20858	9.174525	3.834178	8.858469	14.98047	9.017882	15.67634	16.65148	10.54361	18.28004	7.559884	NA	19.95634	12.57101	NA	7.822452	33.24682	11.33427	NA	6.812001	12.6973	5.809979	5.010923	6.674655
CUST_27857_PI429010886	N56824	0.002788	18	0						163.0758	234.5938	181.9887	45.09375	157.2097	55.09927	8.790994	58.91203	30.39754	62.76739	108.7837	103.9198	11.678	74.74764	58.50555	164.0153	11.11331	29.39265	242.1982	208.9955	320.5709	63.42473	41.87987	60.01583	28.06124	203.7634	17.84852
CUST_3865_PI429010886	N15440	0.00279	15	12						56.4484	60.12109	60.68591	46.08794	52.97579	43.93042	55.76383	47.58792	56.11071	65.22887	60.16545	61.12299	62.78892	65.03693	63.67102	427.8624	54.04881	99.2894	63.45518	57.57631	48.98425	58.34728	59.86271	43.41406	82.73488	67.22077	70.41805
CUST_54761_PI429010886	M107512	0.002805	15	9						23.49823	30.71209	34.03541	21.83723	20.25021	23.51171	27.57791	25.99897	26.3191	27.5887	24.26504	38.57181	27.32084	31.94483	17.25337	45.29693	19.34025	34.17683	16.54329	25.8552	15.96955	23.64437	27.83166	19.79173	36.8879	45.38512	46.90121
CUST_32425_PI429010886	M4090	0.002805	15	9						127.7038	151.9294	144.1009	109.4643	105.8816	102.6772	78.40746	107.4857	138.9958	184.4394	158.5869	224.5446	135.7577	193.267	183.3031	201.9745	112.2867	145.7727	127.5355	183.6281	118.9612	193.8995	165.6637	104.7461	226.0436	169.0651	197.5444
CUST_41249_PI429010886	M57239	0.002805	15	9						1704.986	2299.417	2050.871	1416.429	1621.23	1498.845	1354.655	1634.318	1984.848	2197.498	1682.368	2831.641	1914.945	2168.863	2254.33	2516.877	1566.438	1863.078	1573.105	1802.411	1779.751	2119.433	1987.549	1428.149	2738.341	2091.598	2782.19
CUST_49469_PI429010886	M85776	0.002805	15	9	197361188	signal transducer and activator of transcription [Fer	Signal transduction	Other	6.46E-22	96.1698	129.6714	144.0441	90.29804	73.83558	78.21131	98.4006	107.8449	143.5804	195.689	91.09799	191.7619	108.3037	166.5412	154.1347	137.759	96.85587	105.3086	113.9999	112.1069	109.8291	160.8926	126.6474	95.73603	188.3767	140.4954	194.605
CUST_29515_PI429010886	N60021	0.002805	15	9						408.4945	482.4063	501.3373	411.4634	399.93	422.1729	350.0802	429.3715	475.874	561.2769	450.0163	594.7631	443.3821	596.3171	426.2225	511.8133	424.2001	521.3278	409.7595	436.8338	485.2041	544.5308	482.287	335.333	724.7977	552.8917	714.0634
CUST_25271_PI429010886	N52096	0.002806	18	3	543335593	innexin 2 [Penaeus monodon]			2.82E-09	5.366751	9.099665	7.450142	11.7681	10.73339	10.97825	6.878181	8.992487	6.981775	4.852014	9.212485	NA	7.104442	7.158847	NA	8.553452	9.479243	10.34037	7.728763	9.648135	NA	9.881836	13.40566	15.46253	8.193123	12.47694	6.917097
CUST_8377_PI429010886	N22958	0.00281	18	9						7.989468	9.286054	10.59051	9.857121	10.29115	9.845679	15.41448	13.55063	14.17989	29.25886	15.2174	56.47886	14.046	18.74405	22.00022	13.58003	16.00911	13.89423	5.427639	26.93871	8.59214	16.0166	10.69206	17.23726	27.49426	5.879149	11.88011
CUST_13909_PI429010886	N31986	0.002824	18	3						35.4902	56.54516	NA	131.9942	94.08412	84.25035	55.64622	5.863493	46.95122	5.141434	4.488345	7.496731	20.70392	56.69692	58.99785	112.8118	6.566142	79.07032	8.427427	56.85652	24.02357	135.5608	8.8599	117.3985	41.57514	10.90695	NA
CUST_47882_PI429010886	M78000	0.002827	24	9						75.40046	219.061	109.19	227.4855	150.5005	84.36786	174.0963	298.7079	159.878	223.0044	261.767	268.545	97.21485	141.2568	89.75292	135.0881	65.99023	59.31402	22.2285	144.7517	63.55528	20.97008	169.9973	149.0992	20.61883	165.2021	71.09841
CUST_44050_PI429010886	M64764	0.002837	15	9						44.75093	70.69633	67.11047	48.32025	34.30707	36.62775	60.88717	37.24643	58.03638	57.8814	54.61808	122.7034	54.80919	60.47979	69.58233	59.43076	29.41046	47.75268	40.29023	52.54081	37.81058	53.15159	75.55792	50.22468	73.26779	57.39701	81.52938
CUST_11913_PI429010886	N28612	0.002837	15	3						191.9558	120.1854	58.27728	268.4354	174.6614	236.2498	250.036	115.7448	134.8409	36.98363	75.71395	35.77567	135.0881	142.727	175.4362	153.9817	158.6127	178.255	115.9538	188.6253	92.21711	199.1618	72.10026	176.9549	45.87664	77.43118	23.72179
CUST_19483_PI429010886	N41657	0.002837	15	9	241587680	conserved hypothetical protein [Ixodes scapularis] >	Nucleic acid metabolism	DNA metabolic process	9.04E-45	20.13696	27.31503	32.00329	20.32136	14.84953	21.10435	15.08066	25.02094	24.99293	35.93002	33.88658	33.28088	22.87829	33.87601	25.84583	32.91621	10.9847	23.04237	25.8552	33.11671	15.54199	29.40744	31.58406	16.72273	35.55848	29.82479	47.1063
CUST_22974_PI429010886	N48031	0.002865	15	12						38.97496	60.21705	41.65923	53.61134	41.14049	41.45965	29.96361	41.49369	39.26949	55.98779	50.55699	59.35924	48.34765	46.51079	58.6875	44.331	54.12178	44.58058	36.75997	50.57194	34.46849	38.41931	29.90107	27.60111	51.7675	32.95281	52.80587
CUST_25911_PI429010886	N53285	0.002865	15	12	242022418	heat containing protein, putative [Pediculus human			1.01E-11	48.50046	42.34172	62.87881	54.75352	55.64028	62.94659	38.85386	36.98717	57.95385	68.37525	58.56187	53.1957	73.71983	83.79573	85.82609	69.04997	67.78689	58.36102	74.45078	83.09489	58.0737	67.237	49.94515	36.82067	75.15426	61.36332	71.11942
CUST_53997_PI429010886	M104021	0.002866	21	3						199.4521	464.4064	291.1029	768.0399	342.1102	389.9711	226.0436	257.0386	230.6259	275.9326	144.8631	294.6992	55.28753	273.6903	133.8595	181.6707	93.11072	214.3213	117.863	148.6917	342.6195	266.5934	486.3734	138.6419	357.6255	405.4301	155.6736
CUST_1966_PI429010886	N11185	0.00287	15	9						989.1564	1165.381	1148.695	916.176	865.174	977.4233	739.338	1095.161	988.4432	1156.123	1036.891	1772.36	1003.547	1517.877	1003.294	1346.091	957.8471	1251.807	1054.702	934.2348	1050.577	1076.944	1246.008	1040.9	1479.619	1361.387	1336.322
CUST_49830_PI429010886	M87361	0.002871	12	9						116.4744	91.6409	103.384	103.8326	114.9975	98.32258	112.1069	109.0449	115.4907	178.5939	135.0409	141.0765	125.4703	145.6462	128.8389	129.5236	105.4104	86.49959	137.5651	98.62916	101.0962	155.0724	146.939	121.0512	135.0409	114.4836	142.5243
CUST_2755_PI429010886	N13041	0.002872	21	15						124.672	66.01381	121.9609	72.03066	77.1951	73.15736	116.2535	106.064	80.29008	98.96023	89.5312	82.1182	96.32091	108.6469	104.9253	115.7071	178.3541	106.1066	118.675	92.86535	102.3344	113.5868	98.98439	106.6963	103.2145	68.22048	77.97193
CUST_4247_PI429010886	N16318	0.002873	21	0						41.9046	66.24577	57.21451	71.08447	31.9232	45.86308	24.63851	11.59303	12.11493	11.29639	18.21042	NA	27.4871	39.37435	34.46849	66.26607	27.68618	23.03433	19.94541	15.43278	64.27512	50.29336	40.89955	64.1188	48.02842	28.08233	37.19805
CUST_18649_PI429010886	N40167	0.002874	15	3						7.72466	16.00379	13.27182	50.19147	10.17045	116.4869	9.628728	13.2528	10.50787	14.85935	6.820714	7.995482	4.534132	14.12813	10.56079	30.62818	6.664096	16.66074	20.85111	28.40282	23.52815	21.45934	19.0691	33.92982	8.52275	8.753886	13.20796
CUST_55972_PI429010886	M112383	0.002876	21	15						1672.079	1079.252	1272.526	539.2831	1964.934	1145.003	1701.136	1219.823	1249.348	2984.905	1159.33	1448.723	2426.131	1531.812	1734.303	1862.262	1712.532	2626.728	1507.459	1927.058	1289.132	1680.099	716.2921	602.6317	671.7237	1099.991	1272.526
CUST_39175_PI429010886	M35621	0.00288	21	15						1278.309	871.9238	1055.17	397.8439	1293.201	1075.686	1281.141	975.9966	864.2169	2437.103	957.2333	1341.448	2043.676	1500.831	1111.525	1522.93	1659.051	1983.417	1220.626	1532.545	1319.125	1320.618	740.4281	636.8404	606.1944	1171.568	1174.011
CUST_33617_PI429010886	M7437	0.002883	15	9						1067.598	1782.524	2022.724	495.2283	679.5311	357.7936	1611.105	2410.357	2923.398	3266.951	1248.908	1798.294	3251.962	4630.476	1688.453	2752.569	1904.883	1189.103	1400.624	1510.415	1469.899	3453.79	2629.007	726.7504	7221.522	1804.906	9756.741
CUST_38302_PI429010886	M25136	0.002891	18	6	166952332	Lineus viridis ribosomal protein rpl40 mRNA, compl			6.29E-54	1152.374	1091.604	1140.432	945.2395	1492.759	1255.497	1587.608	1274.525	1282.355	953.5865	1410.296	2013.592	752.1706	1405.495	914.9994	1241.637	891.3926	941.2341	746.4019	1157.228	994.4459	1286.564	1478.956	1039.457	1270.234	1890.591	1704.986
CUST_12019_PI429010886	N28784	0.002891	18	9	242012607	protein purity of essence, putative [Pediculus huma	Protein metabolism	Cellular protein modification process	2.12E-34	100.4445	111.6142	104.7362	92.66541	101.92	102.5545	87.00147	99.93216	94.87745	157.1911	110.7887	127.0638	111.7487	111.6728	117.1499	123.9789	115.9538	112.8267	111.9633	108.6177	85.37214	104.6153	90.77809	93.03197	145.201	85.30129	115.5725
CUST_46319_PI429010886	M72196	0.002897	21	0	262401177	RNA pseudouridylate synthase domain containing 3			2.12E-09	10.94511	12.58679	NA	6.007021	14.10671	NA	4.681127	8.222884	7.156953	9.15176	7.240049	4.335589	NA	7.506584	3.424992	9.032579	4.818127	8.060022	5.867579	9.662859	NA	12.35967	NA	11.73913	11.44141	NA	8.591341
CUST_56573_PI429010886	M114140	0.002902	15	9						711.432	886.7923	965.2192	708.9187	732.5018	701.3851	654.4842	764.0731	815.8741	976.6512	799.1588	973.2028	760.2724	1055.17	955.0872	972.1119	835.4969	830.4425	817.4781	886.3986	820.0337	951.2956	974.3808	832.672	1087.534	991.907	1170.02
CUST_41563_PI429010886	M58041	0.002902	15	9	260833120	hypothetical protein BRAFLDRAFT_63860 [Branchio			2.86E-24	41.50205	42.71137	48.72124	21.02215	24.4716	27.21982	32.73103	31.70409	36.72024	58.32968	34.34564	38.71949	34.01329	41.36789	31.59756	47.23018	33.33046	41.05122	36.8462	27.31066	29.55233	42.94589	43.63321	21.24309	51.20393	43.85239	48.60566
CUST_5708_PI429010886	N19078	0.002904	21	15						170.5103	182.5193	132.4515	133.064	167.2734	126.4395	136.3926	103.7132	114.0624	195.1585	173.8312	157.1911	114.0624	153.9132	132.1901	231.4164	229.3656	261.1858	172.1829	192.2628	144.8631	145.1427	120.9334	148.0995	194.4273	144.1009	151.3617
CUST_1345_PI429010886	N9349	0.002905	12	9						436.6018	538.667	560.5893	456.2722	435.1229	405.2638	396.9018	425.0392	464.198	837.9656	522.6581	689.4854	469.6397	641.887	528.1283	537.1757	394.958	469.7466	471.0971	553.6437	488.3379	765.0242	561.029	576.5142	1167.349	503.7682	1000.816
CUST_18267_PI429010886	N39467	0.002906	15	9						52.47261	68.1364	94.17604	64.79479	58.54952	107.0039	122.452	76.77824	127.2103	132.2265	73.18236	137.9867	74.63865	126.3708	104.8392	58.2166	74.93674	131.4929	40.06113	60.34766	72.62704	102.205	98.90127	162.6527	94.48599	151.0563	133.2798
CUST_40390_PI429010886	M54965	0.002927	18	6	56968003	Anaspides tasmaniae internal transcribed spacer 2 a				101693.2	97928.01	108910.4	102282.3	113412.4	77297.7	122512.8	102912.5	113975.2	122512.8	121014.1	101693.2	115015.4	83322.86	102282.3	87164.76	89222.73	95014.94	115015.4	97307.86	96660.96	113412.4	109583.6	95621.16	121965.7	118691.9	112462.6
CUST_14147_PI429010886	N32394	0.002928	18	15						26.48449	42.52496	33.04717	23.88015	23.66736	22.08177	30.96855	44.55872	45.58535	42.51309	35.69319	39.01912	34.9939	48.50046	35.44816	35.82359	53.9799	43.87581	38.90216	27.00493	29.15169	28.85125	21.67714	36.23985	24.87526	20.18328	39.00381
CUST_40526_PI429010886	M55368	0.002932	18	15	345490044	PREDICTED: LOW QUALITY PROTEIN: hypothetical p			9.31E-50	13.02142	9.848126	15.22088	8.147639	14.45048	12.75631	16.58665	10.02996	8.457009	20.53586	14.11461	10.16036	17.132	18.04108	18.38957	24.3983	41.93775	15.50711	12.29647	20.77886	14.30893	15.4684	6.548611	10.33535	13.04571	13.26174	17.72667
CUST_36376_PI429010886	M15752	0.002933	15	12						206.6992	217.9412	205.9692	160.3693	175.9719	157.0244	195.487	206.8341	199.8275	248.4954	231.9868	228.6651	236.0839	247.0492	202.1175	298.1495	207.885	187.954	189.144	214.5304	157.9764	232.9174	244.0822	164.9622	302.4916	188.9032	218.2859
CUST_43583_PI429010886	M63406	0.002933	15	12						420.025	596.3171	595.1496	265.6599	289.679	163.4482	643.2335	663.7859	873.2696	1069.858	457.8737	686.6887	1069.514	1393.263	749.7018	1009.897	582.4599	489.6976	568.2975	643.0031	538.667	1424.855	699.0502	321.9594	2439.013	593.5055	2365.487
CUST_14881_PI429010886	N33624	0.002934	24	21	321470641	hypothetical protein DAPPUDRAFT_195959 [Daphn			1.99E-34	20.46944	18.14309	12.76773	20.72901	13.69402	9.102009	11.30247	10.39893	8.235102	13.74381	15.11766	10.69206	16.16705	12.96349	12.98148	21.15229	17.42826	10.02222	14.85609	22.56443	13.59657	22.41298	19.14299	NA	15.59665	14.25474	20.05683
CUST_31959_PI429010886	M2829	0.002938	12	3						371.8288	659.4054	23.47569	1332.224	761.0622	680.9808	533.6685	27.80368	454.8231	19.0691	14.70984	6.506768	184.5783	132.5751	530.042	1019.044	71.92462	730.0267	72.51875	35.07632	14.20045	632.4528	30.10596	365.5076	262.5059	31.16262	51.10924
CUST_6810_PI429010886	N20630	0.002938	12	3	527252945	PREDICTED: inter-alpha-trypsin inhibitor heavy chai	Metabolic process	Carbohydrate metabolic process	4.54E-07	1302.095	723.9047	423.9576	997.4048	1223.726	1462.44	786.706	772.4833	441.149	630.254	211.6792	209.3167	1021.127	620.6433	777.7644	1332.224	1052.364	1127.217	750.1475	671.8789	382.1801	385.8062	624.8531	1315.293	592.481	747.806	65.87593
CUST_31031_PI429010886	M517	0.002943	21	9	386376739	glutathione-dependent prostaglandin D synthase [P			4.95E-20	26.40308	33.92452	23.49374	27.51937	88.04251	44.49519	74.15113	79.51299	51.22479	40.59908	76.02137	90.49352	79.1048	38.17289	55.27747	57.62563	38.15596	27.65747	57.29447	157.8626	61.99224	24.65512	33.65802	20.26285	22.42981	40.14284	76.00655
CUST_48872_PI429010886	M82628	0.002946	21	0						188.9157	206.7552	141.6752	248.1506	155.8611	189.3407	97.98092	81.15299	121.2398	110.3616	96.61745	145.4832	136.2923	133.6116	161.6619	124.9549	120.7487	190.6724	138.0216	126.5253	114.3485	218.804	144.9176	194.605	108.3734	128.3244	132.652
CUST_53568_PI429010886	M102283	0.002955	15	3						18.00505	38.71497	NA	47.41918	51.02123	48.96463	47.12699	NA	38.41183	9.216332	4.279499	15.94807	15.66738	18.12996	23.02707	33.98233	NA	38.78083	NA	28.05779	15.51227	67.67878	7.25708	34.61952	5.125109	5.541563	NA
CUST_17821_PI429010886	N38648	0.002956	24	21						116.1614	71.38156	122.3193	106.7139	99.49562	133.8101	95.17141	98.01409	75.40046	95.25723	93.11072	73.76113	87.19276	128.4938	113.5868	107.1532	161.0687	139.419	116.5651	86.06426	113.8702	119.6269	154.3982	179.3194	112.9777	98.21029	104.7461
CUST_20018_PI429010886	N42657	0.002958	15	12						7.627544	10.08763	9.200881	5.861533	3.762808	8.912458	12.6285	4.122897	4.440993	8.736759	9.020299	10.90827	14.48944	16.77252	15.51227	15.07833	9.248628	9.514057	8.656419	4.92839	NA	20.93844	6.63545	18.13226	13.3326	11.65447	11.35808
CUST_42301_PI429010886	M59950	0.002969	15	12						64.03635	73.84429	58.51806	56.43061	56.05475	55.71823	45.56467	37.15687	53.53068	63.33459	49.96713	71.10646	56.36899	77.78755	61.93065	77.33177	57.3007	68.45737	61.54664	60.5059	37.23914	62.29412	41.83506	51.28378	70.05382	59.50688	53.7412
CUST_17818_PI429010886	N38644	0.002969	15	9	321469866	hypothetical protein DAPPUDRAFT_317966 [Daphn			2.65E-07	124.9216	573.9804	1321.214	312.3161	239.0183	111.485	112.064	1588.949	6372.368	3572.519	3143.095	5641.729	1964.934	6932.514	3752.095	1534.856	497.3582	853.3995	1732.866	2083.983	2043.676	4847.521	3254.31	323.8952	6654.81	2978.783	11650.8
CUST_40737_PI429010886	M55969	0.002993	12	6						9.248628	4.969785	5.420008	8.092867	18.59923	11.35064	4.702682	18.17736	14.67882	25.10548	16.71936	20.11905	8.665868	NA	7.665956	13.80995	13.55063	18.52898	13.86351	32.61498	19.67133	9.320692	14.56714	11.36093	6.709669	9.952171	8.074741
CUST_23889_PI429010886	N49649	0.002994	18	3						102912.5	119417.1	113412.4	119417.1	113975.2	146237.4	123526	120106.4	119417.1	105375.3	99779.5	99779.5	69125.19	109583.6	40070.03	101136	62198.15	137174.3	110974.5	117180.4	130067.6	125432.7	116331.2	134984.9	99042.74	129062.7	107761.9
CUST_11970_PI429010886	N28712	0.002995	24	9						64.42438	100.0408	152.5866	28.29864	106.2399	107.5586	74.00809	98.56528	69.76759	168.7959	119.9711	174.8053	85.95	88.99049	84.48505	87.69732	75.91487	58.53699	62.87324	94.54715	41.05859	69.03435	49.16013	34.39152	77.64933	73.19849	100.1275
CUST_57140_PI429010886	E1410	0.002997	24	21	507559876	PREDICTED: zinc finger protein 665-like [Jaculus jacu			9.46E-26	11.8227	4.505667	11.42367	9.830811	9.666802	11.01907	6.759208	4.084411	8.218065	7.072564	12.35209	17.06824	10.22575	6.571354	12.36224	13.71331	7.404114	12.79969	12.2919	12.98486	12.62537	11.45279	13.93866	17.66287	13.92624	13.0885	13.03254
CUST_44850_PI429010886	M67199	0.003005	12	3						16.74068	15.10512	23.34607	43.66151	28.99306	32.2333	25.82153	20.71004	8.932629	24.69848	20.30399	13.47559	17.0365	24.16344	20.01979	20.35771	39.54839	30.61198	29.8328	26.01832	28.50866	14.20045	13.04696	20.37597	25.93179	13.27381	14.9294
CUST_15933_PI429010886	N35371	0.003017	21	3						85.3343	90.20594	105.8476	78.20249	91.62991	112.8702	104.9922	45.4027	80.89652	30.06426	51.39386	46.85243	28.05064	70.92151	69.89586	104.976	46.74367	74.08523	82.75397	68.16131	28.90009	105.9129	82.64391	85.99449	84.51009	55.58682	119.7645
CUST_18746_PI429010886	N40341	0.003024	15	0						65.09833	67.34873	74.29802	61.21559	66.03172	62.34833	64.3475	54.10775	40.94065	49.63764	51.23152	43.16663	30.21036	64.87589	54.27461	74.98811	75.07319	58.4576	78.84468	36.40882	67.3827	53.61134	48.80606	75.44459	52.10631	50.2407	40.81934
CUST_28264_PI429010886	N57625	0.003032	24	0						40.75297	39.64527	43.61355	23.71505	31.16623	41.75113	27.64478	39.30599	31.17772	31.62413	36.27978	40.38558	33.92046	22.40135	24.26118	34.58049	28.77687	37.59475	26.3141	20.92107	31.96138	43.67532	29.22688	36.04752	42.87529	41.13272	47.37598
CUST_24343_PI429010886	N50451	0.003037	18	3						2097.241	1877.805	2712.01	9382.703	3896.561	6394.985	5125.683	2567.686	689.8687	158.3361	4515.16	123.7772	197.9679	86.7376	1342.338	206.6326	147.5412	285.4569	1897.37	147.6124	2918.106	260.4155	3835.814	4925.566	44.36476	209.3591	74.28436
CUST_14149_PI429010886	N32398	0.003038	12	3	261289661	hypothetical protein BRAFLDRAFT_119484 [Branchi			2.11E-11	53.14405	37.63001	34.06396	46.26383	43.439	49.38887	42.34931	36.89793	44.69546	33.06846	34.63494	31.83796	43.64762	36.28805	49.92232	43.66792	53.67582	49.50652	33.96314	39.26949	38.65653	41.56303	29.66445	49.28537	44.38038	42.19897	42.25718
CUST_15467_PI429010886	N34626	0.00304	18	15						50.40874	57.76074	66.12938	36.05134	53.77942	26.36033	41.41188	53.22359	37.11863	64.26189	49.90548	47.88942	54.35965	49.72048	44.48344	73.27672	62.4936	66.85557	34.41169	49.59376	41.5428	46.1038	41.21277	33.26796	67.47589	48.40257	56.41974
CUST_15596_PI429010886	N34844	0.003046	24	15						10.13899	6.474157	12.24457	12.77756	6.847004	8.712785	16.53993	NA	7.126224	11.24259	14.00504	10.43208	13.44283	11.26061	5.97435	14.20655	27.43563	19.04191	12.6973	10.24818	12.58824	10.14162	14.42559	23.28108	9.006549	6.145307	6.646603
CUST_37705_PI429010886	M20988	0.003051	18	3						1046.057	4743.467	3090.22	14011.56	11276.69	7239.058	3567.184	4455.764	3483.315	3908.116	2125.97	6148.012	3067.321	5376.972	914.3958	1305.705	1710.741	5009.146	2792.05	4041.003	5635.242	7364.493	5023.801	4034.014	6168.628	8470.008	3558.109
CUST_47772_PI429010886	M77555	0.003058	15	12						20.12612	22.15408	29.39991	16.9925	12.54381	20.26748	13.16535	20.27847	10.13438	21.50201	22.19008	35.61182	28.05304	28.86203	24.33153	28.47129	19.74682	24.67398	19.32763	23.99379	26.51493	21.84275	13.46619	19.97907	26.37038	30.88019	20.77394
CUST_7373_PI429010886	N21445	0.00306	15	3	260831011	hypothetical protein BRAFLDRAFT_124267 [Branchi			4.45E-21	246.4698	189.1194	104.8909	317.5249	240.2928	263.5785	269.0643	171.1636	176.8527	158.4583	127.2423	89.38803	162.2159	144.4836	144.5473	265.8546	185.5201	231.3759	208.027	160.3251	197.4111	181.2186	160.598	212.773	167.5472	178.833	118.7113
CUST_13536_PI429010886	N31350	0.003064	21	18						13.7763	12.27788	17.24085	10.96072	9.773611	8.3117	6.822524	NA	7.024562	9.435368	7.659037	9.073537	5.78592	13.20951	9.703156	13.98352	13.00185	11.49378	17.04092	11.09833	14.48423	11.71408	6.584593	12.67376	21.88907	4.482425	10.47982
CUST_32366_PI429010886	M3939	0.003072	12	3						56.16844	66.45252	64.11406	70.06431	72.3636	79.24559	68.1054	51.90738	43.26125	81.07113	58.29649	50.89404	58.50555	57.40815	56.99751	74.17182	74.61343	80.73902	67.9514	50.1495	64.04369	52.44678	54.33444	38.73055	69.42462	81.19526	63.45518
CUST_12707_PI429010886	N29905	0.003072	12	3						149.8707	94.04891	166.0195	172.8801	175.7472	282.9109	152.675	167.3634	110.7787	93.14117	128.8934	165.1069	193.6848	95.99909	138.7812	156.2332	288.9328	197.0951	111.5879	165.1872	127.7418	123.2747	123.2747	132.551	184.7859	184.3916	165.4521
CUST_23568_PI429010886	N49042	0.003072	21	15						14.14626	NA	NA	13.64729	51.66322	64.19796	4.432775	NA	6.125711	26.01607	12.51969	16.05394	42.14262	65.80832	32.73413	159.5684	21.0027	158.101	47.84739	74.73352	40.37974	226.0436	NA	23.78208	8.051681	NA	NA
CUST_19782_PI429010886	N42183	0.003078	15	12						33.22111	23.39071	23.59619	15.43461	15.03227	24.61812	18.20852	22.18811	25.00865	22.19942	14.65894	23.38375	30.52473	25.95428	32.58962	29.49942	23.92584	27.49118	28.47129	28.10965	32.83834	22.19649	14.27406	13.83521	26.62182	27.11607	25.12351
CUST_23040_PI429010886	N48151	0.003079	24	12						14.83888	22.21682	24.45653	12.18876	7.61532	14.0382	19.57585	22.38395	33.01824	28.72316	17.54318	25.77304	24.11276	31.47236	35.03522	22.12202	26.9442	23.98815	30.85708	21.41219	32.97206	22.62281	22.52113	16.41397	19.89057	24.99293	30.45027
CUST_41889_PI429010886	M58806	0.003089	21	3						11.80273	28.49553	6.915938	NA	13.8146	14.65167	13.13981	6.537253	12.25435	12.60946	6.455442	10.1142	4.670634	9.493787	9.482226	11.33312	5.51343	10.2343	NA	4.888509	11.26822	10.47118	7.460722	3.475347	13.54942	21.61979	12.71344
CUST_54852_PI429010886	M107957	0.003095	18	9						69.77447	81.5806	108.7093	72.31183	82.72689	68.82889	76.674	96.10628	86.11085	140.3314	89.86196	115.3926	184.1183	104.7611	94.76564	92.26296	77.23965	114.165	96.10628	89.82702	86.47473	102.7028	79.23712	75.39347	119.4111	103.0771	110.3138
CUST_50613_PI429010886	M90433	0.003097	15	3						42.06993	57.81384	25.3441	47.77531	46.54874	40.91182	31.60035	44.84989	32.33268	30.64068	21.11131	36.85539	15.43461	22.99283	20.78133	32.42745	29.08714	46.50141	39.74462	41.73826	32.05527	38.71949	26.83996	20.18733	41.2187	25.45947	29.05431
CUST_19766_PI429010886	N42153	0.003097	15	12						35.50382	36.29351	26.79789	28.03701	27.01225	18.21981	29.72221	41.22377	54.74747	24.4716	29.3424	29.96361	63.96144	54.74214	58.25978	39.11234	31.53803	42.84203	30.43159	31.10751	20.28753	54.48925	27.70404	31.80323	47.78664	28.68856	56.24668
CUST_29908_PI429010886	N60798	0.003103	24	21						84.19357	102.3423	88.07214	64.88975	93.99876	98.87521	63.00378	54.058	60.12109	80.14138	87.88231	102.7422	84.57831	106.7749	93.33448	107.3899	78.88657	123.6231	59.41199	84.58422	90.38098	126.8628	103.6762	113.5525	106.6375	77.90078	122.6882
CUST_33665_PI429010886	M7549	0.003105	21	15			Cellular component organization	Cytoskeleton organization		31.07874	13.86466	27.24907	27.28431	22.34365	19.70026	17.96396	16.49783	20.33108	15.04174	18.66273	9.07643	28.85616	25.48959	23.85638	30.50923	24.57116	31.56432	31.32056	20.81295	24.03945	26.20596	18.51985	34.28424	22.3138	22.39942	19.51952
CUST_17891_PI429010886	N38779	0.003107	24	0	157126968	hypothetical protein AaeL_AAEL010695 [Aedes aeg			5.86E-15	58.05303	50.28834	48.08498	31.86259	54.5276	57.99026	38.90216	45.91191	40.57649	45.73272	44.01861	30.67698	32.6566	21.55583	24.94079	48.73236	53.84406	63.45518	50.72999	30.99832	45.06422	44.72593	32.98902	42.74724	66.59221	49.20588	64.8815
CUST_55905_PI429010886	M112069	0.003107	24	15						87.8914	125.6016	89.98836	71.98272	79.94364	69.76028	58.83154	61.35068	81.91685	95.23078	77.85613	99.94463	68.89697	97.5983	105.19	137.6307	90.67241	99.65085	89.16253	124.1467	95.67336	114.6697	78.31562	85.88841	86.61515	91.02196	102.2534
CUST_24638_PI429010886	N50996	0.003126	21	18						80.41737	134.8934	67.7616	69.45519	103.9537	113.9031	56.95742	37.97967	55.59388	61.34598	67.40392	88.91586	105.3086	85.75328	74.54819	59.34275	61.63578	105.6351	104.5131	146.1108	134.595	112.7975	73.60851	70.66973	98.15841	91.96613	81.81059
CUST_13688_PI429010886	N31597	0.003129	15	0						689.0956	707.3962	568.6876	457.5237	523.5388	540.0536	419.5293	473.5692	412.6269	644.1161	541.7506	608.6975	527.8694	488.5796	508.6284	637.0757	718.917	605.6379	618.1584	792.7128	496.875	610.2139	485.0905	467.7939	657.8288	500.2189	552.8917
CUST_27136_PI429010886	N55510	0.003136	15	12						24.80851	24.08352	22.13925	30.12812	14.68043	25.71973	18.13841	11.01084	9.577239	11.24522	20.65925	20.86543	24.37229	34.75205	26.60787	46.22951	16.84886	38.08646	20.42948	16.40268	18.56074	25.48959	8.858469	16.72612	19.87525	17.99464	24.33153
CUST_34727_PI429010886	M10477	0.003136	18	15						175.0831	149.2677	180.162	114.743	156.8398	159.2768	163.8459	166.2726	159.7825	169.0411	159.5684	182.5193	174.9558	208.5959	182.0796	216.0765	196.9351	196.7621	199.9107	189.8565	132.9657	209.8084	143.002	136.9283	217.8082	148.8262	170.4197
CUST_21770_PI429010886	N45820	0.003136	18	6	528761633	histone-lysine N-methyltransferase MLL4 [Camelus	Reproduction	Reproduction	4.26E-10	39.40978	42.46136	46.9717	27.07911	45.66434	44.30287	55.82371	57.84964	47.44008	54.74747	44.39886	54.58961	32.39752	42.02191	42.38165	41.36078	40.64728	31.90512	52.09599	39.98991	53.30954	48.80606	51.99458	30.19101	46.9109	57.68381	62.70814
CUST_51842_PI429010886	M95356	0.003137	18	12	242009979	conserved hypothetical protein [Pediculus humanu			8.76E-12	20.03192	14.07729	21.92688	24.08063	19.16725	10.71453	9.207048	36.55477	19.69401	23.97713	20.06979	37.63897	23.96699	34.37569	38.54575	31.36762	26.73668	38.24304	15.94162	21.21095	26.01607	19.48765	19.95854	17.60614	35.59734	29.64495	20.45436
CUST_1533_PI429010886	N9961	0.003139	12	3						186.7032	13.2768	56.15273	4598.774	12955.59	13937.5	8228.765	2511.522	59.12378	7.858321	11182.42	NA	344.0991	14.96682	142.727	NA	15353.74	7617.588	10575.43	NA	7686.447	12.85718	5585.575	6833.331	6.251086	3177.58	8.670788
CUST_10663_PI429010886	N26587	0.003144	21	3						86.54824	105.7694	128.4384	205.3646	102.8709	234.141	111.6728	130.9315	145.4206	103.384	67.64754	107.3414	113.1518	113.2396	105.7372	84.55489	122.6286	107.9913	88.34755	91.5749	61.87735	62.16132	65.89913	101.6576	110.5649	162.0477	130.6003
CUST_9986_PI429010886	N25514	0.00315	15	0						20.97642	20.43255	16.95126	77.28747	4.149795	NA	5.274301	6.422087	12.20868	14.58939	11.13159	9.08845	16.04761	16.30281	16.89803	27.08746	15.81194	11.17076	5.601268	19.73096	NA	8.017122	10.7039	NA	11.64471	11.28527	11.76966
CUST_40567_PI429010886	M55479	0.003153	24	15						94.43038	111.9958	116.332	96.88082	86.62519	77.56897	88.89139	99.91859	100.3848	137.8443	151.2035	113.0678	108.1306	96.29479	104.4333	171.0777	118.2591	121.1828	100.0297	153.5797	122.9325	121.5738	122.7194	95.04998	115.1745	85.17215	150.3171
CUST_47939_PI429010886	M78237	0.003174	15	12						1284.158	1291.558	2562.095	1376.551	1159.33	1239.798	1548.599	2761.396	2064.29	2454.105	1324.694	1710.023	2153.407	3546.259	2833.332	1550.226	1880.44	1349.576	1330.395	1624.747	1296.243	1953.939	2361.621	1446.386	2673.681	1359.544	2495.356
CUST_4075_PI429010886	N15953	0.003174	15	12	291241925	PREDICTED: predicted protein-like [Saccoglossus ko	Metabolic process	Generation of precursor metabolites and energy	1.29E-47	1739.21	5445.033	2968.006	600.4305	1367.153	783.9719	1515.268	1251.3	2780.239	3942.272	2090.413	6717.481	3483.315	3300.062	4471.709	5800.891	1396.98	3360.345	1817.335	2764.643	2539.516	3411.47	2454.105	1021.127	4135.156	2935.657	5206.134
CUST_13718_PI429010886	N31651	0.003174	15	12						14.63523	18.35292	20.94928	11.48646	6.540321	16.26691	8.52275	19.51255	13.10516	27.35532	6.800737	32.98902	25.90485	28.4998	21.58663	22.6805	7.770497	17.63614	15.32584	17.90553	6.212154	18.69088	24.67089	18.02634	26.01055	13.50761	18.72537
CUST_21824_PI429010886	N45919	0.003174	15	12	459179322	PREDICTED: tudor domain-containing protein 7 isof			2E-07	18.33968	70.40792	66.46786	4.779135	12.13343	13.29917	24.16825	15.13462	45.19753	39.20447	26.35513	57.04658	63.68458	86.14614	72.03066	63.08907	18.25579	106.2741	33.90175	34.68251	33.43569	86.70732	44.78592	32.94683	74.25631	74.54008	121.5738
CUST_30904_PI429010886	M175	0.003175	24	12						93.78702	177.5884	156.8398	132.7602	169.8261	129.9123	188.4915	184.2307	159.4135	167.8053	167.8299	255.0348	179.2012	220.9369	208.027	130.0689	128.195	117.4728	156.213	281.447	192.2628	131.3569	117.8039	109.4106	129.735	99.82512	135.1566
CUST_19401_PI429010886	N41518	0.003176	18	3						347.794	770.9286	410.8257	1296.822	479.6761	707.6225	355.6761	276.1029	371.3509	385.0916	181.5941	598.8088	301.291	381.6649	248.3781	323.0511	161.8906	259.6247	178.7072	319.8933	571.9057	553.0837	716.9224	391.7449	528.8856	720.2695	296.7865
CUST_23419_PI429010886	N48807	0.003183	15	12						23.78208	36.86394	27.25206	24.34759	21.28123	22.49622	18.58338	24.68523	12.60126	37.43361	28.88408	28.27971	19.23258	37.58456	30.14577	25.5315	22.65868	27.10054	11.52352	22.80672	16.7444	30.09768	25.91379	19.39824	37.6014	24.89184	26.32739
CUST_46166_PI429010886	M71619	0.003199	18	12						176.0861	222.1754	131.0034	303.3224	115.0894	304.5092	291.2799	159.6292	263.1737	318.2985	282.4695	252.4954	344.9163	377.6304	303.1495	332.8163	276.6094	166.7311	173.4253	173.944	114.5044	322.7291	210.9062	195.8687	401.3938	229.4529	247.961
CUST_52359_PI429010886	M97187	0.003199	21	3						44.14193	76.0951	42.48584	117.8175	52.65189	61.89778	29.89732	49.60877	29.95513	35.55553	31.8	54.74214	37.71174	39.70082	43.17605	42.95918	35.15805	53.42416	34.95466	40.54346	58.8975	52.77021	66.40412	66.22546	63.23408	80.61916	59.64714
CUST_10372_PI429010886	N26134	0.003201	18	6						6.099554	7.481739	15.1414	8.17741	5.102784	NA	NA	32.95758	57.91335	24.65764	8.906902	17.44803	NA	6.946375	6.738368	10.21711	8.949545	13.01232	NA	12.39561	5.967946	16.59282	25.78586	8.352146	27.61589	18.4246	33.40939
CUST_12202_PI429010886	N29097	0.003202	21	9	307177147	Acetyl-CoA carboxylase [Camponotus floridanus]			6.5E-21	8.027473	8.506994	NA	8.131006	15.19655	19.81911	15.00987	30.83339	26.90513	NA	21.78224	31.5882	64.04369	12.10209	21.83723	9.323293	13.84831	15.35034	NA	65.13281	10.18458	13.07517	5.49631	14.89445	12.95283	10.05721	11.85953
CUST_756_PI429010886	N7176	0.003217	24	0						24.8221	36.17076	26.32456	14.29674	15.4684	16.67559	18.14003	16.14158	20.10077	22.43724	13.18285	20.00172	14.24656	11.6794	16.71936	16.51743	NA	10.38437	6.262467	20.87254	25.26092	16.88307	20.58016	26.02132	21.35972	18.43075	35.63135
CUST_37212_PI429010886	M18220	0.003225	12	3						5.291541	5.683749	8.981694	14.51263	13.34705	32.06361	8.788925	17.46708	14.88378	13.33083	15.14895	14.28145	9.959454	8.434609	NA	13.24762	19.01959	20.61498	12.98903	42.9046	10.81295	12.72278	9.465987	10.00467	5.133869	25.50611	5.604736
CUST_7545_PI429010886	N21705	0.003226	18	12	242018362	myst histone acetyltransferase, putative [Pediculus	Metabolic process	Other	4.74E-20	32.09701	19.49659	25.73774	24.21006	21.48663	16.11615	24.24219	24.43037	21.89117	29.6775	24.94778	33.57754	29.73209	33.29815	42.29841	30.67698	33.16347	18.5156	32.03583	31.5882	27.84371	26.13604	23.60773	12.6884	40.99957	21.33093	37.52322
CUST_34605_PI429010886	M10132	0.00323	18	3						23.2348	16.24458	43.50197	28.18833	61.89112	42.38165	47.27714	40.22053	24.71119	31.65825	24.67398	NA	20.68784	14.99273	11.50923	17.69248	48.54759	24.53193	23.26285	10.56773	36.12998	40.97837	54.91632	35.05162	32.04305	16.85623	26.17436
CUST_51055_PI429010886	M91982	0.003231	18	0						18.65856	14.4005	9.54588	7.254393	8.863586	8.999498	10.07859	9.39688	5.167898	3.816856	7.009314	NA	9.284755	NA	7.382145	10.90827	8.459432	NA	35.46061	8.930028	13.4766	14.89947	11.72847	7.598655	8.343945	9.573493	8.652112
CUST_53235_PI429010886	M100882	0.003232	21	3						31.01112	20.3261	30.4923	43.13359	31.96544	45.88881	40.75297	28.7253	29.68892	27.24092	37.70021	26.96182	21.66748	29.56124	21.30938	21.57749	31.94483	45.81525	33.05858	11.84611	21.60172	26.38969	33.99233	29.8705	36.00421	40.48072	40.67008
CUST_35918_PI429010886	M13910	0.003233	15	9	196123668	cathepsin D-like protein [Homarus americanus]	Protein metabolism	Proteolysis	2.4E-139	4.670634	2270.606	598.9907	2788.353	4773.42	1051.549	1374.518	5445.033	3956.693	1855.858	5732.178	8228.765	4381.739	994.7785	2169.749	NA	1673.62	12.14326	884.4098	1899.44	5430.703	NA	1939.579	1560.159	NA	6225.291	4813.402
CUST_37283_PI429010886	M18502	0.003242	21	3						1478.287	5396.825	3378.169	5681.469	4135.156	5959.328	1732.866	2201.928	2915.652	2236.34	1478.956	4589.406	1614.966	2027.433	1901.328	2779.017	1426.735	2881.575	1172.181	2624.92	4808.982	3192.934	4719.422	3124.162	4348.32	6621.858	2549.933
CUST_47684_PI429010886	M77169	0.003242	21	3						10.88063	10.36994	14.42999	13.81689	13.99986	15.57429	13.46425	10.96329	10.90993	13.62098	12.9711	13.84485	10.71844	10.39055	9.284755	8.984223	13.18773	12.84883	21.52705	12.55445	16.60676	21.39067	11.45611	13.32908	20.18529	17.91608	45.65948
CUST_42998_PI429010886	M61814	0.003252	15	12						408.6642	403.3076	595.4395	335.677	328.4337	382.1801	409.277	599.494	535.4947	649.1033	417.4014	438.8255	486.6501	825.7659	552.4266	506.0078	608.0744	442.7732	389.0546	462.6916	402.9446	584.3722	706.0046	435.9739	780.4444	394.7279	800.3484
CUST_37976_PI429010886	M22555	0.003256	15	9						1490.779	1286.564	2826.022	726.9909	1451.1	826.9906	1309.194	1737.368	2604.753	4613.187	2104.851	6388.757	2953.556	3318.146	4306.703	5492.691	1421.77	3690.445	1795.627	2495.356	2461.297	5402.577	2596.508	1319.603	4729.674	3336.627	5289.144
CUST_18389_PI429010886	N39708	0.003256	15	3	157112290	hypothetical protein AaeL_AAEL000946 [Aedes aeg			5.77E-07	70.27178	64.21464	46.0364	89.44557	67.48171	78.89557	82.31536	44.00542	58.45028	42.91318	64.75716	35.76744	49.59839	50.131	37.61547	40.37133	89.14278	65.44799	51.84431	50.32801	86.4151	54.95061	60.97252	89.58206	34.49959	40.75734	37.15687
CUST_48510_PI429010886	M80728	0.003258	18	3						175.6284	111.9132	313.6383	187.6821	107.2622	243.8028	186.1103	145.5578	205.5305	99.4135	62.45524	54.35449	159.4333	119.8071	145.3659	94.86726	221.3497	108.3189	259.3866	98.56528	151.4536	219.715	231.235	458.6579	130.2006	129.6562	91.76014
CUST_21288_PI429010886	N44953	0.003259	15	12	307200017	Merlin [Harpegnathos saltator]			2.65E-44	28.53623	43.53998	46.92136	37.10254	30.09768	34.36064	21.12385	48.5148	42.06993	44.02245	36.57353	68.38918	47.8959	50.5231	57.05842	46.07297	36.80914	36.39578	33.22506	37.10603	30.60425	40.11037	28.19099	29.36926	55.81794	48.46881	55.46608

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_37125_PI429010886	M17932	0.003259	21	0						252.5773	342.5053	216.7674	269.1713	230.8271	178.3086	176.3616	166.0384	129.3018	187.5374	188.9473	203.1953	192.4131	241.9211	231.2637	296.0927	128.3042	205.5616	223.2091	301.5058	212.9538	371.4417	261.7284	176.9973	229.9564	209.7628	235.838
CUST_57069_PI429010886	E450	0.003271	18	12						14.25137	19.50921	19.36786	18.22302	14.01249	15.65986	13.11271	31.02643	23.15048	36.36466	16.71152	27.51414	27.25206	34.93063	25.45947	27.82792	21.33598	19.10728	25.91941	24.30839	23.11042	23.27419	15.97633	10.77921	24.1375	12.59689	24.9855
CUST_39588_PI429010886	M41502	0.003275	15	9						56.29594	89.69655	82.13647	79.30391	89.82702	104.192	122.1742	107.884	95.89707	152.4224	59.47675	145.899	62.16132	46.72053	75.4776	132.2661	53.35562	62.86517	84.78816	83.27348	125.7681	139.6803	155.2181	115.3125	163.569		
CUST_1232_PI429010886	N8940	0.003279	24	3						114.1326	265.4892	301.0804	122.2181	194.9182	285.9079	196.359	247.2726	122.1037	153.9132	145.749	171.7375	132.7469	213.1848	130.9135	117.7161	51.51637	52.97067	121.0216	46.13321	81.92913	172.213	210.6087	116.4203	231.3759	137.8245	209.0287
CUST_9927_PI429010886	N25424	0.003286	12	9						47.66523	9.227326	56.99104	6.544569	11.68992	6.064337	18.79689	17.64462	NA	18.14494	16.5578	25.23488	15.41663	21.75964	12.03567	7.88778	16.36343	6.535693	15.7841	NA	7.444212	42.7734	45.05092	35.48044	9.175781	NA	7.744827
CUST_56255_PI429010886	M113284	0.00329	15	12						66.76607	76.41163	99.1645	102.0104	74.85405	105.779	56.00276	75.67767	51.31578	90.38978	71.17303	106.1516	111.2168	128.5685	100.0408	97.89619	61.76631	87.72886	81.22317	87.96508	74.92071	81.60393	70.34764	63.13991	100.3042	89.84183	79.53245
CUST_47341_PI429010886	M75696	0.00329	15	12						576.8367	1993.696	1722.719	338.4841	528.026	356.5583	712.3784	1834.08	2725.555	2522.174	900.857	2266.195	3934.354	3372.782	2718.679	3168.052	1847.968	1515.268	1346.091	2232.866	1566.438	2926.98	2692.301	748.9581	5917.438	1463.822	9448.983
CUST_18046_PI429010886	N39049	0.003299	18	9						37.42448	36.4309	40.37514	22.8445	16.62053	22.68707	23.87866	26.50391	38.90805	47.49104	44.06361	38.09477	44.05675	39.49653	34.97912	43.78734	38.06259	28.96949	40.59586	40.97837	33.50292	35.37524	35.38892	29.97696	43.98243	27.4118	51.65858
CUST_26773_PI429010886	N54854	0.003302	24	18						22.3581	25.4154	29.66445	18.49479	16.97579	24.0077	29.28851	16.47383	10.68382	27.69389	20.12366	27.56643	22.33422	39.3477	37.35904	28.06711	43.898	19.05109	31.07173	31.54852	35.87751	18.58338	45.99667	31.24487	22.05258	24.83589	20.85366
CUST_2314_PI429010886	N12087	0.003316	18	3						84.59116	81.60393	74.7826	83.59685	86.57696	74.94569	57.59671	77.64933	75.7764	67.31728	61.60388	74.45078	61.14806	49.26562	43.66792	73.39754	83.16029	67.08962	66.71625	105.5375	65.10535	120.4034	89.71539	66.37927	119.9288	53.38382	72.39117
CUST_6209_PI429010886	N19772	0.00332	21	15			Protein metabolism	Macromolecular complex assembly		33.23404	30.90791	39.68132	25.66207	29.15809	31.25971	22.8042	27.80089	27.20523	39.79718	21.31486	31.45667	36.59373	29.9579	20.1154	33.01533	39.80783	59.27376	30.70822	45.04433	42.37752	28.83874	33.78634	25.75422	27.57791	36.33335	24.94079
CUST_41115_PI429010886	M56908	0.003327	21	12						4.976399	14.19691	17.21077	10.62424	13.53636	7.700308	7.276095	12.56761	4.786961	10.6257	15.33784	23.53335	18.7709	18.1208	25.74156	21.15466	16.12222	15.11263	11.11331	15.8658	13.48931	22.58452	22.21414	14.51263	10.95448	15.67763	12.6619
CUST_4356_PI429010886	N16585	0.003328	21	0						76.62236	85.48477	54.81791	57.79515	72.39117	52.60928	47.03677	47.49104	29.76053	50.93999	52.54081	42.22821	26.04672	31.34507	34.36554	50.65756	53.14405	61.52513	60.52796	33.39553	30.29325	66.83042	44.89448	55.80731	64.64151	30.76819	55.72785
CUST_53416_PI429010886	M101606	0.003329	15	12						21.03331	20.24204	35.74774	16.62775	11.97713	9.840112	19.87525	39.85359	22.60935	35.50744	14.98837	35.19742	42.83757	53.86751	38.73964	23.59085	30.05351	20.93304	17.44803	28.08233	27.60111	34.04504	40.78834	16.06834	37.20896	22.3138	30.40899
CUST_50849_PI429010886	M91234	0.003339	18	9						184.7859	372.1299	455.9675	264.8881	114.5445	100.3128	181.4858	280.8226	90.92371	490.7702	719.6282	589.1626	873.2696	261.922	465.7878	349.5009	134.2642	80.37733	271.1821	709.8502	217.8838	66.23254	66.86178	88.51347	1051.932	1084.753	765.2983
CUST_36322_PI429010886	M15588	0.003347	24	18						28.13722	18.69493	11.40858	8.063274	8.916592	19.11453	7.517908	8.884013	7.1973	29.92091	17.20887	18.1616	9.411481	17.01358	23.77729	41.57079	15.9498	51.77357	24.5371	30.57426	41.59799	16.7895	18.58096	NA	53.86751	23.00326	41.80456
CUST_31296_PI429010886	M1161	0.003354	12	0			Transport	Protein transport		129.9323	95.46826	108.6177	67.25956	92.9186	85.9812	65.26948	164.4613	100.9909	111.0532	134.595	154.3834	108.9599	207.1022	141.5789	84.02515	62.63918	71.00324	105.5539	110.4128	86.25852	168.6167	98.81579	105.1	98.73097	134.6396	173.3717
CUST_21549_PI429010886	N45407	0.003361	18	12						120.1854	129.0466	183.8412	126.9103	118.3356	117.7722	89.20945	145.3839	135.6517	165.5033	134.2642	148.7626	147.8113	168.99	159.0029	168.0579	140.8976	116.5788	140.8407	136.8075	132.3781	129.8445	145.6295	94.92777	146.0101	134.2279	143.7253
CUST_38390_PI429010886	M26180	0.003364	12	0						31.23744	27.03027	24.29748	11.9615	9.434112	15.99975	3.992853	14.50945	10.57226	15.02374	16.81213	29.62583	9.197112	17.64462	18.49721	21.46189	17.41182	9.979521	6.221163	13.95091	12.89633	18.10243	19.9496	25.30759	21.14763	23.25228	21.88907
CUST_55605_PI429010886	M110927	0.003366	18	12						645.4311	718.4589	937.6859	833.259	1018.693	899.5738	710.6638	1079.252	1410.909	963.9292	2212.175	2680.458	1594.166	1150.482	1160.888	856.8878	578.9007	793.3041	701.8561	1735.328	854.4458	857.5648	961.1254	844.642	942.9477	904.3304	1439.161
CUST_2716_PI429010886	N21965	0.003368	15	12	222512258	Replication protein A 32 kDa subunit [Lepeophtheir			5.3E-37	520.6248	661.0472	659.4054	426.0025	480.999	438.9413	471.3393	453.8761	595.4395	616.4707	501.9627	604.9689	550.2491	671.5411	580.0174	810.0074	536.8972	554.4782	477.4078	535.2858	411.2669	616.7782	566.7662	469.825	721.8143	555.454	760.5296
CUST_6653_PI429010886	N20404	0.003376	18	9	5020110	beta 1,4-endoglucanase [Cherax quadricarinatus]	Metabolic process	Carbohydrate metabolic process	2.89E-87	NA	13.49626	NA	20.78351	32.61974	16.77093	32.24593	47.51659	25.72813	24.96759	74.74125	67.02702	67.71736	NA	36.60913	6.678981	28.73729	NA	18.17921	9.709104	6.768573	24.13925	47.07752	NA	29.94074	9.135871	36.6821
CUST_3116_PI429010886	N13829	0.003381	12	0						3010.148	2823.396	2845.968	2221.45	2088.06	1667.846	2224.226	2024.906	1957.029	2840.45	2604.753	2858.942	3296.897	3262.349	3432.751	3664.722	2591.27	2088.06	2308.436	3116.138	2415.728	4377.65	2811.816	2547.522	3451.374	2937.772	2809.847
CUST_37898_PI429010886	N22142	0.003383	21	9						155.2181	29.19475	180.5172	19.43524	23.50136	37.08279	186.6438	515.307	587.9777	1384.531	377.6826	NA	479.7862	412.703	199.5128	145.1839	NA	7.329225	96.28021	4.599604	121.4237	142.7994	121.9257	32.95758	4.054862	78.52535	85.55586
CUST_49406_PI429010886	M85527	0.003389	24	6						1875.725	1190.301	35.59331	2972.831	191.9229	281.599	2434.013	752.5982	2642.053	30.21934	21.42376	20.6809	1705.674	32.22977	908.82	117.8039	25.77821	106.7139	21.05098	12.96349	25.65833	63.67902	26.95815	770.419	30.57659	230.3269	27.96608
CUST_19625_PI429010886	N41895	0.003391	21	0						10.87219	19.00199	16.28372	16.36491	10.27148	13.08017	14.86891	10.33138	11.64471	11.99091	4.019948	6.413493	NA	7.528845	7.061176	6.754411	5.075645	16.65372	8.958591	7.004476	12.50339	17.61017	13.37697	19.59849	5.697389	10.82851	9.354027
CUST_44767_PI429010886	M66918	0.003403	21	18	291228863	PREDICTED: hypothetical protein [Saccoglossus kow	Protein metabolism	Proteolysis	4.6E-12	17.91608	15.47775	18.09887	17.11883	17.11883	7.800886	13.56063	14.85609	21.56963	29.14874	15.15808	20.32835	7.361352	22.33694	20.53586	25.6517	13.7877	19.52364	27.21684	38.57556	25.76223	12.4831	17.52398	12.68722	13.83685	7.587626	11.95978
CUST_50318_PI429010886	M89432	0.003406	18	3						39.27986	37.06882	16.71936	58.12189	54.24943	42.60531	64.97549	29.35511	39.78497	32.26619	30.74148	17.16312	16.44239	14.96828	11.85674	48.28635	37.27402	33.66515	21.22623	26.61953	12.2213	51.273	32.29255	30.75309	38.95593	19.14544	21.35581
CUST_43551_PI429010886	M63338	0.003413	21	9						9.629706	13.52202	8.841942	7.987477	7.657897	NA	9.203374	9.152945	12.63007	17.14756	18.69874	15.10927	9.801459	12.00862	12.20158	26.57271	10.9956	13.69985	23.30384	9.091001	10.35813	10.20858	9.810562	NA	9.960996	7.493829	11.15284
CUST_22041_PI429010886	N46314	0.003414	21	12						236.5825	179.6526	276.0613	252.3543	260.9414	255.9554	274.8462	247.1436	243.3133	267.177	219.5144	298.0242	277.7527	325.3231	267.619	350.5877	352.5298	363.1719	256.8548	300.5238	286.1419	329.5922	298.53	249.1725	273.8764	248.9227	362.7402
CUST_3622_PI429010886	N14903	0.003419	15	9						10.20235	8.270829	NA	5.905287	6.650683	NA	8.930028	8.254327	5.830065	16.51414	7.446083	9.658216	6.025275	10.20974	9.843184	8.390549	8.137781	8.466065	5.280397	6.52752	4.890019	9.688636	NA	12.45838	9.522626	21.10951	9.384386
CUST_43956_PI429010886	M64457	0.003425	15	9						98.46582	96.09446	112.8438	66.80323	80.07884	99.84559	71.78694	103.8205	101.1196	137.865	112.2136	163.8459	98.52867	126.3916	183.1526	146.0878	93.00061	109.5638	94.19343	112.9777	98.36103	134.0378	79.45781	97.10121	140.548	125.719	155.0724
CUST_50951_PI429010886	M91546	0.003425	15	9						26.36365	15.16804	24.38855	10.35813	13.53347	10.40896	27.0727	16.50813	16.59282	39.87566	25.53642	63.93448	22.78329	28.31921	81.51675	58.27233	25.91676	41.31249	19.30381	37.72041	16.81632	38.69306	97.3988	26.77723	51.99458	42.31429	64.05654
CUST_33374_PI429010886	M6734	0.003446	12	0						212.8755	198.6003	175.6005	160.2794	140.6181	183.3264	133.3745	140.147	171.5722	163.051	135.0274	195.2959	182.1441	229.178	204.7153	200.4301	159.5684	207.1022	152.3321	190.0374	145.4832	251.8524	184.9236	195.9437	193.3576	276.2073	219.7749
CUST_4786_PI429010886	N17475	0.003452	18	15						187.0999	247.4184	185.6828	160.0314	169.2493	227.4855	162.0477	125.2116	141.4293	203.8319	240.0125	258.545	168.8237	195.9585	152.8184	273.1684	204.9855	190.4443	196.2247	181.9242	207.6455	163.3073	188.4915	162.9163	180.4643	171.2587	166.9427
CUST_17816_PI429010886	N38642	0.003454	18	15	241643601	sidestep protein, putative [Ixodes scapularis] >gi| 2			2.03E-20	8.326131	9.315276	14.78884	NA	7.369719	10.13899	6.917097	15.19477	7.737261	15.68172	15.58555	15.54049	20.61883	24.87256	10.74664	16.64978	11.92305	26.53469	19.51691	15.81194	6.801891	7.645054	NA	12.90472	5.98944	12.72782
CUST_42097_PI429010886	M59389	0.003462	21	0						21.17943	21.36125	9.858236	9.297397	16.16075	8.017122	12.20042	12.80273	7.525118	11.24123	12.64236	10.58518	7.650264	9.529604	10.33277	20.29145	5.781367	12.01444	10.59324	19.61118	10.644	26.75604	44.59476	19.56685	17.29225	13.33386	8.545589
CUST_29186_PI429010886	N59354	0.003462	24	21						104.1068	125.5232	103.8326	91.05924	110.8992	122.2181	88.97552	106.4577	89.85114	97.44558	93.48735	96.66502	93.2268	109.7631	111.7143	129.7027	128.9813	122.452	110.8588	111.4482	119.9288	116.9508	125.8931	113.0059	118.6904	108.0345	135.7103
CUST_40033_PI429010886	M48968	0.003474	21	15	338809146	hemocyanin [Exopalaemon carinicauda]			2.71E-09	NA	9.858236	10.90286	39.57145	120.6234	13.8859	105.4104	469.28	177.456	42.29494	341.9433	390.2834	1656.441	27.25206	615.806	NA	536.1688	NA	60.77185	174363.39	392.5464	NA	23.81027	13.58003	NA	90.57431	490.4258
CUST_21281_PI429010886	M48328	0.003474	24	18	198412012	PREDICTED: uncharacterized protein LOC100184951			1.55E-07	31.99053	40.09922	36.39221	27.61208	28.2598	31.85271	25.05128	40.03501	22.78539	33.20236	27.94887	39.1747	32.8295	47.76338	38.31739	39.24212	53.16386	39.17956	37.39567	38.19141	46.6026	38.18909	34.2404	56.7871
CUST_52902_PI429010886	M99371	0.003487	18	12						8.267442	8.972594	28.57032	7.869843	23.17801	24.09666	56.18729	53.43124	75.13415	77.59246	32.40747	31.64722	95.97714	133.298	41.27495	8.418027	13.03814	14.41938	38.20891	13.06014	40.68988	30.83662	29.43648	19.65043	70.96812	29.13814	33.67217
CUST_13031_PI429010886	N30466	0.003495	18	12						70.92151	83.40091	99.00087	49.92232	59.80641	59.12871	46.57707	98.67215	61.64233	77.18845	74.93674	83.99654	84.50068	88.62563	88.50576	116.8603	75.15426	61.81926	81.05888	86.85226	74.42211	55.15882	72.88198	49.25815	88.69099	72.58192	101.2666
CUST_20939_PI429010886	N44338	0.003495	18	3	405966762	UPF0582 protein C13orf37-like protein [Crassostrea			9.73E-10	66.48237	123.3055	67.36225	188.9473	74.22065	147.3674	60.26272	72.01712	56.4484	57.70169	53.01337	85.72262	46.36142	66.72453	47.35331	72.08475	71.69416	89.81869	51.70242	55.62148	84.36786	92.13928	94.95262	98.86383	49.26562	110.9624	39.68929
CUST_39790_PI429010886	M44731	0.003506	24	12	321455300	hypothetical protein DAPPUDRAFT_64687 [Daphnia	Metabolic process	Carbohydrate metabolic process	2.31E-19	282.0094	382.1801	241.3085	303.4935	235.3955	203.482	276.2901	229.3656	247.2726	335.333	263.5785	402.2817	301.7927	413.3489	347.2399	329.8367	301.9881	280.165	345.9305	302.7176	276.3669	264.3268	315.0245	261.3191	247.5396	256.9966	279.387
CUST_35345_PI429010886	M12331	0.003508	18	0	541906825	6-4 photolyase [Eurydice pulchra]	Response to stress	DNA repair	2.3E-124	62.12557	71.47658	65.25047	57.39701	44.30287	38.81815	33.68381	42.30429	41.78277	55.05996	40.53079	55.1911	50.22122	41.34285	41.78704	72.23286	37.19805	49.57451	72.91578	44.22632	63.54619	43.70884	31.88231	44.76277	38.2775	45.95892	35.61182
CUST_53953_PI429010886	M103850	0.003509	15	3						517.2906	215.6344	345.7818	508.6284	493.9819	809.6878	505.7885	286.1419	211.7804	195.0054	344.1554	183.2048	275.8944	148.9131	245.6875	224.9679	452.1705	318.2985	516.0613	153.6651	552.5713	306.093	475.6507	560.5893	185.6524	400.4224	152.2451
CUST_39797_PI429010886	M44879	0.00351	15	9						354.4714	564.1196	301.9881	243.6699	998.2355	55.00728	97.11051	150.78	461.2479	1789.616	798.0318	1241.637	682.2742	412.6269	420.025	961.5038	169.0881	436.4909	350.7295	198.6003	332.5951	716.0786	563.7899	112.169	1406.77	481.5308	1036.441
CUST_12266_PI429010886	N29192	0.003516	24	21	321479374	hypothetical protein DAPPUDRAFT_300082 [Daphni	Metabolic process	Other	5.41E-08	164.5463	179.0372	146.5035	122.4667	141.1498	118.1621	120.5371	118.6493	112.2413	193.773	117.487	203.7035	114.8562	148.544	143.124	178.5686	156.3082	149.7495	193.773	138.9365	180.1444	224.3549	144.6491	194.6574	165.9249	129.2244	139.8015
CUST_24795_PI429010886	N7235	0.003519	21	15						21.74146	16.24253	22.63508	6.889529	27.21684	11.83227	27.53274	26.31096	13.67972	5.788646	11.12434	10.82851	11.06303	13.42609	4.971589	11.86943	12.88119	19.16	15.52168	17.78837	19.02927	14.25	10.03947	10.07677	20.84824	24.63631	9.588389
CUST_25643_PI429010886	N52797	0.00352	21	15						9.211504	9.528362	NA	6.864974	8.3117	9.750393	NA	4.958353	5.409501	9.739447	12.38626	4.56075	6.865815	NA	6.811352	13.72321	12.49592	15.63271	14.1603	6.319033	7.923943	10.28696	12.46866	NA	8.892334	NA	6.295535
CUST_30590_PI429010886	N62182	0.003551	18	3						292.4718	147.5412	174.8316	317.6987	264.3268	268.0379	149.974	116.9508	184.0345	157.9551	92.53187	137.759	119.6154	151.1369	87.72886	256.2441	45.45196	102.9429	120.7171	73.43455	300.7234	187.5572	283.1467	149.2835	146.7819	262.6696	139.7005
CUST_51355_PI429010886	M93237	0.003552	15	0						117.8313	159.9648	190.8326	115.202	177.9616	164.2252	82.12587	50.57194	69.13041	114.5044	215.0865	127.2423	42.12286	130.4535	99.88549	186.1103	192.6463	174.7413	124.1467	170.5502	141.5103	116.2535	100.0857	116.7168	144.5655	123.669	133.2442
CUST_28754_PI429010886	N58556	0.003552	15	9						51.20393	44.43928	74.02683	63.42473	46.07745	49.75939	55.74249	64.57467	64.8125	78.01974	82.15481	84.58422	66.82399	67.48171	80.90583	77.89081	63.92583	51.76265	85.05317	63.33459	59.13459	106.872	71.15715	41.79247	87.50342	77.97597	115.5444
CUST_46746_PI429010886	M73579	0.003552	21	15						494.6999	435.7052	504.2482	349.1356	450.8925	492.2884	403.3076	318.4396	377.6826	701.3851	488.97	504.6329	237.9203	460.8905	435.3009	648.7533	559.0577	672.3398	508.4411	573.5264	537.0505	485.4409	424.3711	434.3733	625.1793	390.8735	574.8968
CUST_33864_PI429010886	M8080	0.003552	24	21						126.8192	154.3172	183.2331	145.5578	148.7446	172.9267	147.3218	126.7579	142.0799	154.2025	159.0362	142.418	171.9761	209.9677	127.8994	202.0834	165.8216	180.8415	158.0318	197.6731	150.5251	190.4729	199.6541	174.3314	190.0374	151.6596	164.0893
CUST_26257_PI429010886	N53932	0.003552	24	15						17.40133	22.36193	20.71979	14.51567	17.81842	14.65028	15.45319	12.46111	13.13227	27.44977	15.60189	19.82899	16.8197	13.13227	13.67691	38.81418	19.92665	29.46496	23.69356	19.05757	28.55239	28.13722	15.64687	11.41581	23.93544	14.06235	19.16281
CUST_28227_PI429010886	N57545	0.003552	24	0						129.2544	144.7965	204.4226	121.4562	140.7156	166.8948	119.1299	125.9794	100.5098	133.6865	165.7787	146.7019	96.23175	106.7278	95.0012	114.4563	135.1423	182.2638	132.4059	115.8994	196.9122	173.2007	175.2604	142.5643	240.5734	147.9921	180.3864
CUST_22417_PI429010886	N7235	0.003552	24	21						21.64834	17.51881	78.46931	75.71395	60.84139	54.61808	69.84364	61.34598	65.87006	48.92704	54.25425	75.05721	73.38298	67.5345	49.95685	74.9275	58.56777	67.84156	65.23047	76.27993	61.59124	66.85272	67.84158	71.4159	72.44	65.87004	
CUST_10873_PI429010886	N26924	0.003563	21	18	84996369	Spm1 homologue [Theileria annulata strain Ankara]			1.07E-08	NA	8.892334	15.2034	6.723673	8.887892	6.655856	10.51996	4.69711	6.294694	15.69084	5.620229	6.002692	6.522752	10.3075	8.56209	15.23737	9.591065	16.63804	19.02839	19.04191	14.57386	8.454339	5.380664	17.64462	7.421979	6.088354	8.84632
CUST_10446_PI429010886	N26247	0.003564	24	21	209420822	cyclin B [Fennerropenaeus penicillatus]			1.68E-23	17.20661	20.29845	17.09174	8.459432	14.86823	11.81303	5.486804	9.418869	5.604736	13.87516	10.57226	18.0488	14.10863	14.04854	26.88741	22.51909	8.250428	20.12612	13.50427	16.63365	11.16458	23.49374	21.80535	16.87203	19.18311	13.69985	37.85605
CUST_8572_PI429010886	N23238	0.003569	12	6	405965499	Solute carrier family 35 member F5 [Crassostrea gig			1.28E-30	41.6388	35.77567	33.90948	34.78474	49.79493	52.85888	61.14806	40.38893	40.64999	39.36593	63.1832	43.86454	36.25388	29.83725	38.64362	41.18849	58.77783	52.42324	61.53942	62.51292	49.67787	40.96307	49.69406	29.29243	31.6343	37.89385	33.64032
CUST_25971_PI429010886	N53411	0.003569	12	0						47.86055	43.70884	42.6726	37.19463	26.76517	43.9859	30.60937	26.45722	28.88138	45.44604	49.43277	30.92026	38.5218	39.8936	28.28611	38.59321	37.66305	43.67532	35.75443	30.83099	17.21502	39.50511	34.59277	33.77621	40.24548	51.44191	44.08735
CUST_10058_PI429010886	N25628	0.00357	15	0	321477834	hypothetical protein DAPPUDRAFT_311166 [Daphni	Protein metabolism	Proteolysis	2.59E-41	279.1889	232.766	158.9804	175.9447	254.955	218.6882	206.6326	92.75345	118.5239	194.0962	158.8804	162.3872	152.9488	146.882	105.6617	281.447	289.2842	227.3812	204.7885	118.04	143.4291	240.0259	99.71807	64.80137	84.1757	99.03782	69.31235
CUST_19054_PI429010886	N40908	0.003592	24	0						17.86761	29.42444	41.9046	19.16281	20.69091	25.4983	22.41713	15.59997	20.8155	31.00851	22.17757	28.79209	20.70161	27.99024	20.36949	16.76285	19.04932	14.84417	19.88004	18.26372	22.14748	30.19101	24.86204	21.39067	31.85271	30.35236	40.4329
CUST_56726_PI429010886	M114523	0.003594	15	9						30.28193	21.17508	51.00123	13.49974	18.97043	17.31462	38.67688	58.10187	70.18575	44.34401	46.42845	50.01173	31.70409	82.30578	14.93407	26.07952	42.12575	37.0569	30.705	31.55142	18.48046	60.43972	50.20045	17.95097	61.57414	56.63191	84.96672
CUST_41379_PI429010886	M57589	0.003594	15	9						176.7462	738.4538	564.8923	195.6184	331.7667	100.1729	205.1968	431.0477	826.6639	1034.145	487.3364	1129.308	700.9759	1040.536	659.0457	826.6639	696.1501	570.9837	653.9628	538.0354	604.157	1432.157	1105.302	209.9677	1438.603	752.9771	2038.918
CUST_13201_PI429010886	M30773	0.003595	21	15						92.52049	80.61162	64.99854	66.1724	66.12218	61.91569	63.37317	49.29932	59.86951	84.93968	65.1875	124.0734	72.57482	73.43455	61.25792	92.85168	81.02279	93.61682	75.0125	59.15695	85.00766	69.60585	74.

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_34217_PI429010886	M9087	0.00828	12	9	321478511	hypothetical protein DAPPUDRAFT_40294 [Daphnia			3.17E-20	25.13924	11.98928	10.36906	6.022117	6.189473	4.859225	10.85593	11.89729	11.25734	18.74861	14.60539	113.1518	11.91408	14.58939	NA	13.34357	22.27295	7.373723	15.12292	15.12683	15.07172	23.3229	NA	16.01839	28.37808	10.30907	14.59396
CUST_312_PI429010886	N3801	0.00828	12	9						471.9637	4.795846	608.2249	3432.751	12884.64	12465.11	15537.42	607.2425	56.02742	49.67248	16969.9	NA	18.69874	8.214888	7.242883	7.637236	20719.17	7273.892	29978.84	NA	19541.87	NA	21011.69	26783.35	9.827509	1122.959	6.453334
CUST_43971_PI429010886	M45504	0.00829	24	15						5.994911	NA	9.333826	5.089752	5.449338	8.334073	5.469892	10.18836	6.730364	8.949545	8.146528	16.10718	NA	19.18487	9.910844	22.88862	12.7372	16.29078	6.283437	9.569411	11.92189	16.68994	NA	24.23621	6.543554	13.49483	15.89674
CUST_31805_PI429010886	M2456	0.00829	18	0	322797366	hypothetical protein SINV_09654 [Solenopsis invicta			2.86E-17	14.21497	6.578227	13.39222	9.53739	11.58179	NA	11.50377	5.839168	6.285427	7.952703	11.31627	5.719759	11.12353	4.31549	5.384634	6.447966	9.760194	NA	13.7661	16.32704	12.5608	16.24253	9.160667	8.597478	12.91176	6.994251	5.919141
CUST_43647_PI429010886	M63576	0.00829	24	0						139.1216	154.7047	176.0053	88.40608	144.6167	134.9686	129.3018	135.1969	136.2095	130.2384	114.9009	109.0596	121.6208	152.8002	141.7869	164.6529	143.9734	113.3559	120.4829	150.78	119.7777	135.9627	144.5473	135.2716	183.8709	154.6585	149.7694
CUST_54228_PI429010886	M105185	0.00835	21	0	527254475	PREDICTED: E3 ubiquitin-protein ligase UBR4 [Melo Protein metabolism		Cellular protein modification process	1.63E-22	51.93952	59.48243	57.15078	66.47359	57.1457	46.86688	48.55604	37.90169	38.51373	47.62717	42.48986	46.32451	44.4641	51.50234	55.65323	53.26328	50.34321	56.26704	52.53463	56.26704	56.2163	59.46938	38.54256	79.5827	58.92815	98.00231	49.5373
CUST_44801_PI429010886	M67043	0.00847	15	9						6.474974	8.057073	7.862605	NA	6.300421	3.582315	6.289922	NA	15.7734	6.246892	NA	10.45509	7.91389	NA	11.32793	9.712939	NA	7.751416	6.256959	4.493901	5.237344	17.64462	9.239082	NA	13.71667	19.13027	10.12652
CUST_31136_PI429010886	M798	0.00848	12	9						91.23322	127.601	130.9859	83.49596	98.56528	107.1945	72.6348	110.3616	123.5719	150.1517	143.2735	189.144	85.56392	157.5293	131.5284	93.55006	98.75692	107.3035	98.82662	100.1156	135.2315	180.0766	136.51	93.69637	139.7632	129.357	137.8094
CUST_30163_PI429010886	N61303	0.00858	21	6	321475863	hypothetical protein DAPPUDRAFT_307810 [Daphni Protein metabolism		Proteolysis	1.56E-20	43.21123	20.31071	45.27903	29.94487	35.30186	57.63741	64.90973	42.95535	52.48792	45.54024	23.11258	52.02853	40.93552	34.99003	41.23292	26.81319	38.46752	38.61391	31.44965	15.09234	19.64586	30.72417	43.05742	54.8287	40.48521	41.84554	33.89069
CUST_21403_PI429010886	N45154	0.00866	12	3	33468738	calcification-associated peptide-1 [Procambarus cla			8.53E-19	347.2399	17.66078	176.601	21119.13	34070.11	33611.5	21906.22	7415.798	63.94078	6.338807	16515.38	NA	784.6927	28.25151	418.03	NA	22231.21	18556.73	28160	NA	27088.59	6.144642	9448.983	9611.158	5.19915	11959.99	NA
CUST_11351_PI429010886	N27672	0.00867	21	15						20.40111	18.28397	25.12574	23.1151	13.85759	27.56643	18.51801	13.57374	8.66034	12.37856	13.21125	18.94687	18.15323	21.63606	11.78251	24.60142	25.92862	24.34275	17.16312	24.15613	28.7672	22.61839	24.74877	31.34117	21.77287	13.75107	15.19655
CUST_22061_PI429010886	N46351	0.00868	24	3	391343387	PREDICTED: ephrin-B1-like [Metaseiulus occidentali			4.89E-22	17.95452	20.63276	20.73391	47.14504	14.24656	26.73153	21.87774	19.95854	13.87348	22.94537	4.211828	18.85554	4.542912	18.49479	7.986139	6.086228	7.706127	7.783894	7.668108	5.661008	19.42864	11.12791	29.04226	19.08147	19.93091	21.7761	11.28356
CUST_49759_PI429010886	M87020	0.0087	24	21						19.39031	19.62917	19.26372	8.272098	11.38749	10.42321	9.965323	8.132198	12.17805	13.2803	10.73906	23.65146	16.61891	17.19113	26.04992	13.83521	10.0911	15.77573	12.89788	13.06127	20.26285	25.59725	24.2001	17.25129	12.65638	13.02142	11.81798
CUST_43896_PI429010886	M64280	0.0087	12	3	321479008	hypothetical protein DAPPUDRAFT_309638 [Daphni			4.18E-10	8.588693	36.08462	14.71509	87.67204	44.66322	36.53021	23.41598	94.46416	22.58452	5.756675	5.779406	14.92131	13.65696	24.42322	31.44965	28.42343	17.29005	23.89866	6.339538	12.13695	5.799012	22.62086	6.667395	9.25417	13.5521	13.56887	18.00026
CUST_7477_PI429010886	N21603	0.00871	24	12	345493506	PREDICTED: striatin-3-like [Nasonia vitripennis]			4.39E-69	123.349	99.08673	115.6759	107.8324	89.84183	103.8532	92.70294	107.4618	117.0501	121.4004	112.8438	142.6158	116.2656	154.5663	151.2216	125.5041	112.0103	151.6013	126.9103	128.0504	113.0567	163.051	110.1494	123.6853	109.002	95.01446	130.3469
CUST_34488_PI429010886	M9814	0.00872	12	0						84.93221	86.58356	117.6032	45.83381	30.65462	15.52639	73.22698	137.2146	93.9354	117.9903	69.4087	67.22918	93.45456	109.5748	72.6524	58.24456	64.8492	39.02375	64.64151	57.90171	55.27747	84.1293	92.01375	31.09152	120.5952	77.33177	84.36786
CUST_16603_PI429010886	M36549	0.00873	18	9						32.90555	34.9676	27.085	39.53295	41.98366	16.07923	48.12117	31.8356	50.03352	71.57464	43.05396	69.78353	44.07915	36.25388	66.39938	78.21131	32.94969	30.40899	37.70021	13.32601	26.49815	48.34221	19.46833	24.27461	37.95272	33.29463	60.10166
CUST_37536_PI429010886	M19411	0.00873	18	12	532057848	PREDICTED: zinc finger protein 709-like [Microtus o			8.11E-24	37.77885	48.15042	57.06419	21.30938	24.51394	28.87669	33.57359	30.15647	32.01382	50.68297	37.59821	45.82893	76.07766	41.14049	54.16396	39.24656	36.19062	35.03522	48.90211	42.03093	35.12261	39.65367	40.76795	26.42193	40.68218	33.8457	36.41953
CUST_1509_PI429010886	N9868	0.00873	18	9						27.89422	41.63417	24.6038	13.06127	23.72867	11.94752	32.12364	25.9871	31.92933	44.03536	24.31817	40.44483	22.46339	29.2624	29.19814	37.59059	41.16431	28.29582	23.21071	24.50538	30.74654	21.22623	26.38687	18.44318	38.54575	21.21658	24.40138
CUST_43392_PI429010886	M62922	0.00875	21	9	498946448	PREDICTED: calcium-transporting ATPase type 2C m Transport		Ion transport	5.67E-41	18.01173	18.6314	15.55875	21.29823	11.92505	20.37797	9.080702	22.0053	24.2722	23.50407	24.78858	34.16739	24.33679	19.51465	20.29379	16.83375	20.85111	22.16629	19.15208	27.52267	19.85636	17.60432	19.45845	9.99769	17.12833	18.50047	25.67741
CUST_48226_PI429010886	M79436	0.00878	24	15						22.17526	14.01595	14.62058	NA	9.115042	6.106434	26.61439	25.75169	15.85477	22.47719	10.80725	19.12346	26.35211	13.06649	26.69312	42.73857	NA	23.17992	29.33184	16.70939	17.47076	22.49442	NA		17.03915	8.635923	16.33068
CUST_35475_PI429010886	M12665	0.00883	24	0	358339569	hypothetical protein CLF_100574 [Clonorchis sinens			5.84E-07	19.79173	18.80396	18.07527	20.55297	17.93802	19.34025	11.46096	16.24662	16.1391	14.30234	17.47173	17.23137	15.46253	14.80507	NA	15.44778	13.94454	11.18687	11.74750	7.837273	25.92533	17.13027	20.10327	17.49801	91.7744
CUST_54630_PI429010886	M106924	0.00889	15	9						39.64527	37.56417	38.74344	25.36189	36.94632	16.94233	21.70738	32.90861	46.84888	51.13662	30.56765	60.27464	48.2905	46.08794	37.00901	41.68037	39.81145	48.61666	36.03688	46.69563	32.06599	62.36898	40.38558	38.70169	60.37722	49.49896	61.32192
CUST_48350_PI429010886	M79956	0.00891	24	21						18.15141	15.84016	17.01911	17.8869	7.468703	NA	7.573982	16.8197	13.7763	10.17638	11.24123	13.51693	9.751886	12.11329	5.13952	15.54357	20.92107	16.41178	17.05906	21.27912	12.92033	16.61483	20.52202	17.84395	22.56443	14.70096	21.30062
CUST_7356_PI429010886	N21423	0.00901	24	18						99.82512	133.8452	120.4628	77.10171	87.11963	82.10096	111.5107	113.4221	104.5873	118.9193	108.6696	120.2964	101.1196	122.4667	149.731	147.9921	104.5737	119.7777	139.376	133.9495	123.7589	122.6587	112.4908	85.69951	110.7482	128.6574	152.675
CUST_39950_PI429010886	M47341	0.00906	18	3	121484216	cuticle protein CB6 [Portunus pelagicus]			2.69E-12	665.3114	30.32196	655.0692	1924.188	2464.001	4091.647	1827.911	258.7295	47.3594	23.69356	1982.266	14.31095	51.89227	12.0262	10.09227	NA	3048.703	2879.829	1733.695	24.25592	1769.215	NA	3216.436	2957.256	11.62197	577.6505	12.23171
CUST_55063_PI429010886	M108586	0.00906	15	12						22.1046	28.00512	47.17722	28.21594	22.04079	25.27217	28.06711	24.983	21.9738	33.20597	26.97875	24.51625	30.99084	42.91838	28.8539	23.37068	21.82183	28.49366	26.03397	20.42948	24.19346	13.36364	15.7841	18.15141	22.62556	26.08978	31.79024
CUST_23063_PI429010886	N48192	0.00913	15	12						65.42947	85.80553	79.08585	51.89227	49.14895	43.28403	59.72331	51.34112	57.50407	70.4935	47.60452	66.75063	67.21241	77.14278	96.40299	88.4462	71.94962	59.28688	53.56751	76.78615	65.37264	65.65578	59.38223	51.52932	78.84468	66.39266	77.39915
CUST_4508_PI429010886	N16927	0.00921	24	21						23.16293	29.88865	23.46287	51.23628	17.88028	29.76585	14.70379	8.000521	14.00188	10.63106	7.871072	15.43638	9.365159	25.1894	28.1987	18.59144	4.789111	16.70546	25.50317	6.036326	34.96354	105.242	22.93439	59.62185	31.76715	34.94529	38.42267
CUST_56566_PI429010886	M114119	0.00922	24	0						665.8333	738.6637	776.3963	604.157	626.6888	508.8245	540.0536	666.8781	714.7333	983.8663	698.8251	1011.687	755.2577	955.4895	753.7243	837.729	709.3475	799.1588	720.703	875.295	655.3909	900.1864	652.9291	542.5507	831.7121	667.8208	943.689
CUST_42254_PI429010886	M59808	0.00946	24	12						123.6053	144.4836	138.9124	92.9186	100.3711	90.9816	95.23078	116.5533	129.6421	141.6171	100.8047	171.5473	126.9651	187.0803	169.3396	158.5656	122.7034	142.8955	129.2544	117.0501	128.9813	151.6818	124.513	95.58403	141.2095	112.2867	119.7777
CUST_41837_PI429010886	M58666	0.00957	18	9	156545597	PREDICTED: enoyl-CoA hydratase domain-containin Metabolic process		Other	4.64E-49	6.00986	8.863586	8.252454	8.80889	8.906902	NA	11.38637	11.93851	17.76311	NA	21.28336	34.14862	11.48128	11.30649	16.14788	13.20796	13.20437	16.25929	10.84227	27.085	8.789967	10.47246	15.37345	NA	20.36175	NA	13.14638
CUST_55019_PI429010886	M108416	0.00958	15	12						31.62413	30.74148	32.43067	25.82739	26.44212	35.17156	25.28193	20.09831	23.93111	31.08214	30.58363	61.00953	37.38397	46.37163	38.70169	45.44604	23.10307	52.16399	29.86645	31.68997	35.20228	37.41548	26.6702	16.68444	35.97087	44.10538	36.99297
CUST_34091_PI429010886	M8748	0.00969	24	0						173.5738	145.9616	163.4134	138.6217	148.0647	132.5751	123.0876	124.0489	152.5175	142.5512	101.435	137.5651	95.99909	120.5371	109.7501	123.349	174.0405	139.9664	136.5811	101.565	151.5629	170.7553	103.1342	177.0624	212.773	136.0755	163.4134
CUST_41816_PI429010886	M58616	0.00971	15	0						158.3894	134.4739	143.5925	109.3881	124.4818	139.1216	98.68398	88.11918	91.95171	132.1901	99.94463	111.4482	78.68384	133.0251	110.8879	158.2913	133.0821	131.3745	125.1451	120.9878	127.5221	132.3781	92.96667	114.7719	156.8208	124.672	159.7611
CUST_42396_PI429010886	M60180	0.00976	24	12						54.60219	21.87774	13.90998	40.13494	28.81481	31.7268	41.37211	36.8424	39.31465	28.73411	27.86117	93.62063	57.09018	65.46343	63.38531	96.029	15.30179	93.94852	31.74172	49.19582	43.05396	72.26362	28.1812	50.18155	18.88046	10.51643	18.28004
CUST_37113_PI429010886	M17882	0.00981	12	3	321472705	hypothetical protein DAPPUDRAFT_239811 [Daphni			5.81E-31	2194.366	3152.492	383.225	8336.973	4833.67	6787.522	4120.1	1228.27	3219.948	640.949	1731.857	980.4603	3320.318	1636.442	2289.879	3283.608	5585.575	7930.333	1584.97	1394.642	1378.434	2107.396	1035.582	5590.669	1140.952	2803.212	691.1905
CUST_34235_PI429010886	M9134	0.00997	24	21	242004474	conserved hypothetical protein [Pediculus humanu			1.1E-66	149.2835	160.4822	138.094	103.9198	123.1377	95.42654	72.37554	101.187	105.0313	148.8666	152.5175	152.3321	158.0759	125.9322	140.4954	178.0976	133.006	134.282	148.4195	156.8837	146.9588	221.7682	161.1265	146.4351	160.2794	177.6724	142.7507
CUST_9309_PI429010886	N24416	0.00997	24	9						175.1526	182.3936	191.9229	200.7871	151.2035	163.569	147.2452	156.7533	136.3426	171.9533	165.7972	204.629	148.5237	213.0864	273.5534	225.9175	180.4919	201.1422	173.7958	215.0582	206.4165	242.4734	207.7427	194.9185	215.4319	209.9313	228.5019
CUST_20182_PI429010886	N6439	0.00998	24	12						17.18917	12.58201	26.6284	13.41284	18.99317	13.52	21.79421	18.60109	23.85972	21.43971	14.35732	20.91693	182.747	33.14406	21.98819	27.68215	12.44519	25.45436	19.60203	12.4436	16.10279	24.4468	25.4436	16.10279	25.1828	25.1828	25.1828
CUST_46130_PI429010886	M71487	0.00999	15	3						38.38764	19.97907	24.46151	48.02842	37.33083	89.76549	52.75651	26.71388	26.10969	7.894781	18.28397	10.01676	7.620705	NA	14.21644	7.991765	20.35314	3.669423	80.61916	12.11676	23.16735	15.99082	18.46255	26.14767	8.832139	36.50859	4.991219
CUST_45943_PI429010886	M70825	0.00409	15	12	383859690	PREDICTED: protein numb-like isoform 1 [Megachile			2.35E-52	11.34588	17.26689	32.38272	12.41521	15.33784	14.73565	17.64732	22.5259	16.87557	19.64187	20.65041	27.88621	22.0851	29.57766	31.01661	13.74799	35.88091	22.58247	18.6166	17.9566	16.26351	23.33049	19.01959	10.59173	21.25262	20.51687	32.10959
CUST_7728_PI429010886	N21981	0.00414	15	9	307197312	Sodium-dependent neutral amino acid transporter ITransport		Neurotransmitter transport	9.9E-47	84.40117	97.4551	123.3316	103.8441	101.8542	123.2747	48.90211	159.8607	218.3262	177.4848	121.9963	137.3696	144.3143	182.709	179.3955	165.9249	212.7445	145.6647	67.29642	127.2704	65.31793	124.1661	155.979	134.79	199.9465	306.479	336.1486
CUST_33435_PI429010886	M6880	0.00416	12	3						67.44354	60.30436	59.22654	80.61162	81.67574	88.30586	90.55235	58.18474	61.71609	71.88591	82.32602	61.91569	54.42343	62.77579	65.18101	98.91679	93.3184	83.4507	118.5367	50.55699	75.75327	73.71157	76.64595	93.70583	52.41832	46.23463	51.97066
CUST_13432_PI429010886	N31179	0.00422	12	0						72.28479	65.32582	65.72733	55.62148	44.90621	38.18452	78.83085	50.78152	68.09627	68.99159	51.62562	112.3805	53.65979	114.8221	80.59405	26.01607	35.30842	35.8336	51.95466	54.97901	42.11302	57.20099	35.63559	21.35775	76.924	74.45078	94.2195
CUST_26289_PI429010886	N53992	0.00422	24	0						59.11379	117.9302	91.77189	63.6369	76.26718	75.92185	45.14299	40.90354	52.45258	52.76183	50.98064	39.30599	51.87045	108.5374	100.0297	106.4846	58.96932	65.96017	65.48233	50.78152	86.27625	92.79213	107.1617	67.25349	92.48444	103.9053	125.9322
CUST_43285_PI429010886	M62630	0.00428	15	9						31.41586	42.24809	36.12998	29.08714	32.35941	28.20666	30.55308	31.96138	18.36981	45.31583	30.32196	42.48584	29.83449	54.40089	42.47769	38.30957	33.44293	41.91362	25.26918	34.96061	17.38074	38.72684	23.21071	24.91029	40.34341	47.06225	46.36142
CUST_5959_PI429010886	N19427	0.00429	24	15	226510844	beta-amyloid precursor-like protein [Neohelice grar			3.69E-42	158.496	142.1633	173.1369	137.687	146.405	142.4711	166.4452	149.9331	133.1932	174.0405	151.5005	173.5738	137.616	205.7316	184.5383	186.9659	202.8541	162.5301	184.4394	160.7485	151.2877	182.3936	148.7446	155.1093	164.0893	147.8755	183.7672
CUST_41746_PI429010886	M58445	0.00433	24	12						55.45229	45.54848	32.30669	37.6674	36.70412	30.09221	37.27402	28.65923	33.05858	31.09756	30.96855	40.51578	65.59604	69.74095	61.1029	76.674	25.11961	41.87224	40.13	34.6723	37.48287	40.1	34.6723	37.48287	57.49879	57.49879
CUST_51035_PI429010886	M91879	0.00443	21	6						46.13849	42.18155	40.07222	96.74817	45.60489	130.5118	52.86776	117.0962	51.54875	47.0949	40.35311	49.12303	50.4763	71.61132	67.69277	59.94587	42.54336	109.4535	39.87225	37.55636	36.13819	42.56152	42.38554	52.74988	51.49206	57.80004	60.37132
CUST_13997_PI429010886	N32145	0.00445	24	21						499.3294	573.39	677.3854	508.1895	592.5758	603.7585	496.2657	440.5078	540.5402	579.8544	552.0613	624.2921	565.5557	689.3131	571.7132	785.705	567.0781	686.5061	595.5631	648.6302	555.7341	746.9886	698.6187	600.4305	598.8088	543.3625	730.7862
CUST_43226_PI429010886	M62465	0.00405	24	3						270.0917	7443.214	279.0433	8955.736	4102.292	3832.303	2567.686	4635.589	48.00546	101.637	3659.313	97.44558	118.5239	1051.549	2328.414	46.20996	60.42655	60.21705	338.8337	157.231	839.5092	NA	1133.023	1007.936	NA	NA	44.61606
CUST_12361_PI429010886	N29347	0.00453	24	18						51.10313	41.7241	30.98188	17.4379	33.62105	38.56175	24.65264	34.49621	38.26462	34.51534	43.12662	97.72266	44.91149	50.66205	51.97626	94.7426	29.38047	73.83558	54.74214	58.34728	53.20475	52.49227	40.04686	82.36794	59.84805	38.44451	55.27747
CUST_4681_PI429010886	N17268	0.00481	15	3						65.30643	64.6187	37.70765	81.31771	54.82199	110.3002	53.22735	42.50508	45.93195	48.94831	33.1987	40.87555	35.41996	52.15768	44.96572	74.99621	53.20016	102.4647	71.91218	44.0607	53.02384	61.3315	52.74988	81.74728	40.1303	50.67294	33.7538
CUST_14922_PI429010886	N33693	0.00482	24	0						25.39336	38.59321	36.90619	20.20612	18.09247	21.21393	23.43097	19.14544	25.31297	26.67261	21.78927	47.96198	30.89913	39.05183	32.10055	43.94789	18.28609	28.07627	38.65653	33.68931	46.06884	37.78545	21.65521	24.73262	25.8162	16.80832	32.78743
CUST_14061_PI429010886	N32268	0.00486	15	0						744.8667	885.0858	670.866	35.91866	575.9559	22.00033	354.3972	9.358965	18.84701	12.29489	70.62647	16.65858	7.703897	466.8917	199.1036	720.0434	785.4766	526.2091	21.54181	381.9407	273.6024	NA	274.49	37.86895	10.40723	500.7784	649.7314
CUST_52557_PI429010886	M97930	0.00486	15	9						32.73413	35.76089	47.68335	32.09117	29.76053	31.44965	32.22274	42.84203	28.95199	53.64846	31.61999	37.21299	35.31634	46.75311	41.40356	34.89935	32.90178	36.81255	30.83339	36.24375	31.89828	33.19476	28.3805	29.89732	45.7289	44.62585	43.50197
CUST_36205_PI429010886	M14133	0.00488	24	12	123471670	ankyrin repeat protein [Trichomonas vaginalis G3] >			3.89E-30	12.91624	16.24943	16.27187	10.31132	11.31161	11.67245	13.93127	17.53908	25.72813	17.24517	21.23199	14.41094	18.05758	16.01505	22.02727	12.42419	12.44519	12.4436	10.02719	12.4436	10.02719	12.4436	10.02719	12.4436	10.02719	12.4436	10.02719
CUST_41349_PI429010886	M57523	0.00494	24	18						69.49923	121.2697	93.42325	72.06797	73.46154	79.44029	64.86139	90.33731	92.13928	134.0969	105.2081	135.2315	106.2399	87.37332	77.04659	101.5527	143.1059	102.9204	112.4033	137.5108	122.1188	120.7015	136.7329	83.43282	115.284	88.49666	93.46673
CUST_50382_PI429010886	M89639	0.00498	24	3	330434836	hypothetical protein [Macrobrachium nipponense]			2.08E-12	21.95569	28.27702	18.01669	28.37201	21.27079	23.13002	20.58261	20.45832	17.12071	23.70771	19.73096	26.34872	22.08937	26.30031	17.23326	19.19334	14.53096	13.44726	14.27406	15.79172	25.92533	16.55113	22.07569	17.03463	27.39792	25.47702	20.86543
CUST_27280_PI429010886	N55764	0.00107	12	0						41.62253	47.83293	45.49238	32.56779	33.75052	23.78457	27.19088	25.35894	40.54346	49.90548	35.71333	52.12333	34.41851	49.09421	52.71293	47.27714	29.39265	36.12242	38.121	40.22531	33.59506	42.88574	48.09045	36.8491	56.28989	39.569	58.77783
CUST_52086_PI429010886	M96369	0.00111	12	0						798.3051	1386.924	522.5582	292.9566	104.1514	115.0393	288.0337	254.0209	243.2786	679.9331	231.8541	466.4832	337.8584	451.916	282.3228	282.9535	187.1216	160.6473	412.8295	731.6805	701.8561	714.0634	434.9301	243.8695	1322.445	478.7395	917.4556
CUST_41098_PI429010886	M56865	0.00112	15	12	66508366	PREDICTED: inosine-5'-monophosphate dehydroger Metabolic process		Nucleobase-containing compound metabolic process	5.73E-93	90.02313	52.59799	36.606	94.63457	53.47338	39.766	36.75622	26.69312	42.85678	46.62146	55.16431	71.88591	77.42171	82.01377	49.23486	71.96791	52.8414	49.70586	48.35331	41.66498	44.48344	43.21123	36.99652	47.86055	50.92195	44.59831	78.31562
CUST_17959_PI429010886	N38904	0.00117	24	0						28.44909	27.8177	29.83725	15.4125	22.76882	22.63022	12.63126	12.01254	12.72475	76.88221	28.39147	18.66977	11.68092	19.14986	12.78166	28.43719	19.95383	23.64694	14.12813	24.01772	22.55762	23.91343	19.42496	30.17169	27.4692	28.85125	32.65296
CUST_25733_PI429010886	N52955	0.00122	24	18						18.689	11.89878	25.28525	10.28317	14.46988	13.83521	9.970778	12.05594	10.32397	10.5119	5.662691	17.60614	17.71709	23.26561	14.06382	17.51086	12.69552	20.03687	29.74822	12.38076	23.53335	15.16412	23.66736	17.41767	14.48109	22.5259	17.80745
CUST_38123_PI429010886	M23454	0.00136	15	9						149.5538	266.4363	225.8926	277.5533	175.5504	151.386	302.4151	205.6121	362.1966	334.3349	223.6419	364.475	274.9598	393.933	218.1069	193.6314	211.9082	265.9437	214.8814	186.2582	222.5361	266.9045

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_28941_PI429010886	N58888	0.0435	12	9						12.39128	10.80337	13.84485	16.35941	13.71506	13.98479	11.68857	14.53622	18.3679	26.0929	25.4983	14.86823	8.314282	10.90106	6.301983	19.86296	35.5525	12.46866	13.03592	15.84934	24.3684	23.76908	28.28611	16.69775	33.65406	4.291619	10.86868
CUST_50100_PI429010886	M88618	0.004353	24	18	321469421	hypothetical protein DAPPUDRAFT_318579 [Daphni				21.4118	28.33335	31.00211	35.24786	34.86394	32.72653	44.68637	51.5653	48.01961	27.36801	37.5742	67.5389	39.58144	34.97152	58.4208	48.27577	27.6707	38.33099	43.42703	41.88371	
CUST_10520_PI429010886	N26354	0.004391	15	0	13898841	CUB-serine protease [Panulirus argus]	Protein metabolism	Proteolysis	8.78E-33	4313.91	4306.703	2986.925	1537.216	4384.874	2777.472	3071.798	2206.497	2235.234	3459.777	2040.559	1500.565	3158.604	2608.992	2784.905	6468.264	3618.732	4420.361	2648.384	2804.45	2863.818	4228.899	1638.912	1526.305	2091.598	2041.736	2408.505
CUST_51021_PI429010886	M91828	0.004357	18	9						10.34165	18.34346	12.67185	8.637107	15.81986	7.516724	11.85349	21.40056	12.41359	25.12109	26.85111	25.91379	22.27554	7.496731	16.80263	17.64263	16.77252	14.68971	18.25579	29.26863	13.34705	16.20103	8.959775	8.932629	22.75029	10.76549	9.124
CUST_10939_PI429010886	N27024	0.004369	15	12						149.8301	158.4321	186.7032	129.9323	139.8015	156.2777	160.8449	159.3655	177.1267	173.3717	158.7513	183.0597	147.0578	218.5128	193.1525	188.0209	172.8801	186.7272	146.8141	162.3689	139.2323	165.3446	175.6726	148.8666	200.8635	150.5005	194.1492
CUST_19421_PI429010886	N41549	0.004369	15	12						52.59262	40.22053	46.47367	34.42762	24.40888	50.10243	39.60553	58.74124	68.20531	53.69394	31.39582	38.98692	73.03522	81.92166	60.86834	48.25178	42.56152	48.5802	32.9302	42.79014	35.52135	50.19147	74.63865	48.68295	93.81682	53.37885	110.6986
CUST_21356_PI429010886	N45071	0.004369	24	0						34.65808	30.41942	29.78998	23.96699	26.02132	32.73413	26.64032	23.81679	23.60284	19.78961	27.54224	21.79421	18.62473	38.24304	27.37419	20.68333	32.45773	23.29812	24.69322	20.2137	20.77886	40.81311	25.72813	40.86124	43.40065	33.46305	41.74272
CUST_25680_PI429010886	N52868	0.004371	15	0	345484053	PREDICTED: integrator complex subunit 2-like isofor			1.15E-23	17.78225	17.6292	19.3658	13.70132	15.38978	16.43851	11.91576	16.60153	5.29436	15.53405	13.13833	21.95116	14.66496	22.15622	16.08188	20.9473	19.43524	18.78533	15.28613	32.48902	10.45086	6.43253	19.24807	6.535693	13.91626	
CUST_14168_PI429010886	N32427	0.004374	18	6						44.97678	51.89227	80.4086	46.47908	64.66893	68.03939	60.86834	62.36898	64.90973	63.80913	55.32634	78.74635	35.06647	30.46087	63.06953	39.40451	39.31465	56.17296	53.36025	38.26462	73.45438	71.18045	71.2192	66.84482	90.6343	106.097	101.7734
CUST_12877_PI429010886	N30191	0.004376	24	18	390368710	PREDICTED: RNA-directed DNA polymerase from mo			3.97E-23	33.58065	36.64988	40.73202	33.10392	29.51436	33.83905	28.86203	34.61952	27.69147	42.46725	35.21227	51.49206	41.6172	39.56122	51.54875	57.20678	39.49159	31.02055	46.57707	49.9806	47.06225	47.9222	46.86207	49.87667	58.63339	49.51746	46.43129	
CUST_43361_PI429010886	M62830	0.004396	24	18						162.8499	214.59	260.5944	193.4709	232.1489	203.0375	136.7329	154.9299	180.3315	184.7219	210.9764	286.9075	196.032	200.9848	278.0457	255.6621	174.1781	294.4572	211.0494	278.6632	273.1122	314.4386	236.0508	229.6885	192.0915	223.8346	234.3391
CUST_39563_PI429010886	M41214	0.004405	24	18	341650466	Spz1 [Litopenaeus vannamei]			8.36E-88	134.0969	28.14021	213.4377	170.4767	147.0435	305.5566	236.7681	219.6484	162.98	102.5774	187.3307	39.67377	182.709	100.8965	6.879194	31.36464	127.9952	159.9075	90.78956	24.40411	107.6537	27.72618	109.0752	111.5529	79.18359	155.3897	62.5561	
CUST_43142_PI429010886	M62184	0.004411	18	15						33.86006	28.48104	38.56175	42.29494	43.42703	53.58478	25.39871	16.0073	20.46944	33.14406	23.94659	31.05167	47.79169	27.61589	34.63494	48.15042	37.20896	44.61606	42.56702	23.32541	26.47532	40.28049	26.72979	26.98034	28.73136	18.59923	23.5415
CUST_34184_PI429010886	M8985	0.004411	18	15	383865231	PREDICTED: polypeptide N-acetylgalactosaminyltra			9.07E-16	79.32298	88.17592	71.22702	76.45771	71.77967	99.68173	71.5379	61.43801	61.05832	95.18251	83.43282	82.55661	86.28429	64.22812	88.87538	97.07573	75.49979	103.0505	75.2875	78.96798	95.21856	114.0787	66.90864	111.3637	63.6301	65.15734	58.59263	
CUST_40392_PI429010886	M54968	0.004411	24	18						140.3976	107.9913	132.6083	96.19258	62.95412	63.6301	123.9578	128.4384	110.1637	92.45305	146.4472	93.70583	133.3745	179.3955	145.7727	142.8727	148.7085	113.9832	179.5033	130.5819	124.1861	225.0368	153.4593	160.974	130.1875	152.2767	126.6211
CUST_11681_PI429010886	N28230	0.004412	15	0						124.9049	131.7223	133.9706	103.5678	122.2373	149.4702	81.92166	115.478	97.4551	118.8413	100.8686	135.9242	113.3258	93.33448	124.3822	181.5403	119.0526	127.4456	143.5925	169.4763	112.5446	107.6969	102.1011	88.04251	124.4126	90.58155	118.3239
CUST_5096_PI429010886	N18251	0.004415	12	0						3360.345	4340.493	3372.782	1960.986	2200.508	1863.799	2258.839	3118.308	3154.98	4038.67	2759.437	4303.084	3332.072	3775.991	3905.483	4146.864	2630.661	2710.041	2977.308	3599.759	2487.623	3713.677	2823.396	2456.459	4461.585	3062.827	4575.004
CUST_15228_PI429010886	N34230	0.0044	15	12	270016638	hypothetical protein TcasGA2_TC011584 [Tribolium			8.85E-08	42.95535	40.69827	48.1448	35.70225	37.19805	50.31204	38.56175	45.05944	57.48318	43.93042	36.03688	59.21866	54.73744	61.2655	64.48135	45.98571	44.48344	44.16686	29.71386	38.40419	41.70336	30.99084	68.93293	53.66581	56.44254	52.49852	53.6056	
CUST_20896_PI429010886	N44273	0.004427	15	0	195588021	GD13897 [Drosophila simulans] >gi|194195768|gb|	Nucleic acid metabolism	Regulation of gene expression, epigenetic	7.91E-30	125.8769	115.2365	120.1692	99.26813	117.7859	118.2591	96.63027	108.5045	70.53195	92.07382	94.25565	101.7734	92.06564	98.79644	111.7487	133.1553	178.6581	105.7694	126.1032	136.2095	74.15113	115.5578	101.2912	101.7342	104.0454	89.82702	105.2191	
CUST_28655_PI429010886	N58367	0.00445	24	9	501294111	aldo-keto reductase [Riptortus pedestris]			2.37E-16	NA	10.02351	NA	11.44313	18.65486	8.806922	10.77175	18.30638	14.39423	92.92383	28.7253	23.95732	9.922626	16.1574	7.382963	NA	9.007525	9.649231	5.743146	10.28962	20.208	7.955028	8.11273	NA	6.263837	7.678477	5.775477	
CUST_19075_PI429010886	N40938	0.004453	24	18	157127444	amino acid transporter [Aedes aegypti] >gi|108882			5.23E-40	31.34117	27.91206	39.25017	47.59295	37.79341	46.19529	70.76377	42.0037	50.59835	46.40223	38.07688	32.02557	29.61528	44.99497	33.63678	38.87395	30.47101	38.14082	41.87571	72.98483	35.95633	37.86509	29.65277	33.90175	42.72202	45.17236	56.56158	
CUST_15965_PI429010886	N35424	0.004453	24	6	758974	145.8314	84.89688	177.3791	50.33169	66.82399	NA	104.0194	115.6525	9.778317	158.2045	166.6809	250.3612	23.01368	112.9528	120.7145	111.4158	9.611855	5.758268	630.1377	61.6558	19.53485	NA	61.65538	6.342428	40.1071	97.05352	43.90259	64.03463	6.636736	22.25	41.1387	
CUST_16479_PI429010886	N36305	0.00446	24	18	211922663	opsin [Triops granarius]			5.3E-21	NA	58.88281	18.8381	NA	39.96079	5.594409	58.51806	26.02132	6.274269	16.2854	130.3093	70.32547	NA	NA	NA	86.32314	63.4424	73.44541	257.1155	127.8836	93.81682	61.21559	20.77162	82.11078	89.21981	22.51476	222.6599	
CUST_14181_PI429010886	N32445	0.004464	18	3						8.431174	33.60838	7.650264	35.67075	17.73598	36.78023	12.61647	6.547053	12.82143	18.99123	6.649026	19.30622	14.02096	10.97186	11.87443	13.53636	6.115825	3.529748	5.047605	5.995731	32.41028	40.36651	20.59775	14.01418	24.87256	26.93871	12.27788	
CUST_48113_PI429010886	M78918	0.004468	15	9						22.39033	25.33771	21.43485	17.50524	24.16612	23.70999	16.4683	18.57889	14.85125	26.92163	34.22484	34.88582	23.88653	43.439	31.95868	24.93429	25.86025	35.50382	18.57693	29.49638	20.59244	20.35314	25.44826	22.97006	38.15596	34.28069	47.79729	
CUST_32125_PI429010886	M3293	0.004472	15	12	7320913	masquerade-like protein [Pacifastacus leniusculus]	Protein metabolism	Proteolysis	5.2E-101	7901.818	8667.659	10701.36	3235.532	4647.339	2595.092	8165.772	11030.7	9978.004	10401.6	5974.692	8643.087	10851.4	11143.54	8147.956	13385.83	10296.63	6571.189	7568.915	7175.165	4415.4	8327.109	9320.998	4051.321	12388.76	5167.16	11632.77
CUST_34435_PI429010886	M9671	0.004472	15	12						209.7275	194.2907	544.2536	148.544	174.2228	155.4298	277.2896	684.8725	460.8905	733.7989	210.8661	192.324	577.33	971.3866	379.8142	197.384	525.5752	199.0047	189.4794	215.167	181.6996	357.2284	822.5821	168.8733	675.0461	186.0597	703.8812	
CUST_12568_PI429010886	N29668	0.004472	24	3						192.4131	267.0284	196.4719	154.4419	138.2381	108.657	175.1526	282.1142	262.5059	283.5999	155.0502	189.6264	254.0209	368.6847	238.6203	228.4677	241.9617	177.1792	203.8732	166.2291	114.0624	301.6859	187.1474	131.2903	535.0428	158.2913	335.1161	
CUST_45966_PI429010886	M70932	0.004475	24	3	56684214	SERCA [Panulirus argus] >gi|71534700|emb|CAH1C	Transport	Ion transport	1.29E-22	27.10885	22.17314	49.80346	50.97047	37.0175	57.60743	34.23978	41.37211	31.56943	33.53684	30.58011	49.72682	26.15676	44.69027	32.45453	30.60709	18.36555	18.689	49.92642	22.0504	39.42673	26.49155	24.28	21.63606	38.94325	34.93063	45.50557	
CUST_34544_PI429010886	M9394	0.004481	24	18						124.1143	1385.628	1189.103	1049.625	827.9656	1112.909	1030.678	803.077	1037.639	978.4784	868.721	1063.638	870.5556	949.0578	980.7968	1498.316	1052.869	821.7869	1169.785	1150.815	1384.531	1147.667	1107.396	914.3958	1530.336	1099.35	1412.634	
CUST_41814_PI429010886	M58614	0.004481	18	6	321463034	hypothetical protein DAPPUDRAFT_252370 [Daphni			9.94E-20	32.69174	21.11131	NA	38.2775	39.63814	NA	59.35924	51.59735	41.9571	22.49442	9.972812	23.09604	38.08646	28.17477	21.60382	7.58227	47.79729	20.73391	15.67763	19.53485	NA	61.65538	6.342428	40.1071	97.05352	43.90259	64.03463	46.29899	
CUST_40669_PI429010886	M55800	0.00449	24	15						324.9748	251.662	266.4816	313.4993	285.3112	255.5333	252.8082	220.8472	249.9907	396.7445	268.4354	340.5982	208.6342	273.8248	300.5825	330.9853	351.983	388.1247	319.3199	380.124	292.7654	334.2433	318.2412	257.772	308.0795	305.7396	382.1161	
CUST_25618_PI429010886	N52753	0.004497	24	3						78.25555	52.1682	91.41127	82.03238	78.31562	97.80592	76.36771	63.94718	72.3461	90.45788	63.47762	43.81481	51.58632	61.1536	38.18452	55.45229	58.67766	73.55823	74.09449	41.2187	69.38283	68.18607	103.7436	57.24358	74.76616	87.12746	59.68907	
CUST_18946_PI429010886	N40700	0.004499	18	0						42.58108	27.14607	52.71293	19.27159	46.64901	55.2283	20.55898	19.87525	14.01418	27.35173	12.37319	50.77711	26.61223	34.28069	26.40308	37.80681	27.81087	34.83322	22.94962	46.78872	32.52687	24.67398	45.72547	41.14049	7.57659	15.39416	6.599438	
CUST_23673_PI429010886	N49258	0.004502	15	12	1764107	pacifastin heavy chain precursor [Pacifastacus leniu	Transport	Ion transport	1.01E-11	138.1141	222.3148	193.5749	149.974	141.8494	110.3421	222.1142	152.988	331.4917	164.9826	205.8829	339.8879	203.3901	243.8404	291.4998	351.1194	160.6473	251.4731	147.098	179.4697	122.1911	239.521	169.3227	143.8508	391.2629	149.5445	399.641	
CUST_1994_PI429010886	N11264	0.004512	18	0						378.0737	427.6746	365.0271	319.2639	241.0332	244.775	254.9978	236.1903	284.7376	327.9867	247.9972	347.4939	281.2623	341.3294	329.1684	402.2817	269.6262	250.3151	416.5528	385.5507	321.0768	428.7157	290.7302	297.0259	309.7028	251.662	288.5334	
CUST_13012_PI429010886	N30436	0.004522	15	0						388.3479	375.5434	366.7345	296.0927	326.8661	321.5473	275.3515	280.0685	241.5575	387.2348	302.566	306.3807	222.7049	305.8476	318.8664	440.6015	319.007	389.9711	355.9452	336.2744	286.0114	380.5555	223.2901	269.8655	479.0678	299.389	380.7018	
CUST_23949_PI429010886	N49752	0.004522	21	0						23.3229	40.23874	27.62424	10.15159	14.26904	5.981371	4.363301	5.045546	4.978402	9.865884	18.41069	6.446625	13.93254	3.611805	8.806922	26.68667	27.37719	20.92287	4.364625	32.25357	21.02638	14.38818	23.90824	11.42997	37.9742	16.68781	21.47745	
CUST_32402_PI429010886	M4013	0.004523	15	12						2151.64	2921.018	2182.975	1302.095	1797.174	1353.303	1749.353	2527.895	2757.444	2789.972	1595.711	2447.295	2701.759	2638.062	2890.576	3466.9	2338.281	2168.863	1979.892	1991.454	1516.22	4034.014	2400.964	2042.507	4186.218	1728.225	4365.095	
CUST_20722_PI429010886	N62482	0.004526	24	18						51.56007	45.51328	66.1632	47.01793	47.5061	53.73593	51.42712	41.63417	48.44291	52.0001	47.45909	54.53967	57.71214	61.2199	67.58357	53.11262	64.6016	62.12102	47.0888	42.22109	61.35268	64.89525	51.4319				
CUST_40619_PI429010886	M55664	0.004538	24	15						206.1326	223.1189	198.7745	194.1963	191.2652	190.0964	176.0053	180.3315	172.3811	253.9339	185.7109	192.4758	172.213	221.9563	242.041	284.3166	236.5291	256.1116	206.2668	195.0326	184.7859	235.2484	182.204	201.008	223.9394	176.5494	242.5125	
CUST_28639_PI429010886	N58336	0.00454	21	9						8.286303	4.18815	3.964672	NA	6.065653	8.55846	14.926	8.701981	8.958591	8.627885	16.94406	10.88063	6.744508	NA	9.031084	4.630231	8.29257	8.790994	8.246449	6.804229	6.718366	5.628723	4.463887	17.17252	8.569879	9.042021	5.127575	
CUST_34638_PI429010886	M10209	0.004561	21	15	342326294	Mg2+ and Co2+ transporter [Cheraxquadricarinatus			1.44E-25	58.77783	51.11982	36.3007	11.33312	28.39724	13.0288	33.78634	17.92595	38.3841	36.57035	43.7836	26.3141	35.88462	25.15397	48.68295	49.26562	47.55714	46.40223	34.40352	61.53357	29.29818	62.03099	40.05116	39.77522	23.99863	31.62413	33.80016	
CUST_35571_PI429010886	M12910	0.004571	21	0						20.28061	16.63804	15.79172	5.296822	14.1264	10.37712	13.25045	8.916592	14.41124	17.14295	14.07874	4.496477	16.67239	16.95126	14.75649	16.29644	14.71698	17.62325	12.14778	4.806509	5.274301	11.32143	14.75394	11.58179	17.38798	8.931253	19.40005	
CUST_49790_PI429010886	M87120	0.004571	12	0						853.6849	1120.205	1115.54	883.6545	851.7359	952.9126	744.8667	765.9632	813.6581	992.543	790.3406	1110.941	852.6077	1166.392	1015.729	1318.096	748.7335	885.7556	816.1069	902.1996	938.367	1112.064	1072.188	1002.084	1180.515	1234.796	1234.796	
CUST_144_PI429010886	N1544	0.004574	15	12						10282.77	15246.84	23934.78	1382.607	4340.493	2325.953	10610.68	25677.47	13555.43	22054.78	14011.56	9219.301	15424	27219.28	20401.48	7516.748	23241.72	6342.066	12933.77	10102.29	10217.96	13959.79	16184.83	5245.334	26101.79	8245.915	29896.62	
CUST_54757_PI429010886	M107488	0.004577	15	9	195386778	GJ23610 [Drosophila virilis] >gi|194148538|gb|EDV	Behavior	Behavior	1.67E-40	14.38818	32.45148	36.55801	18.07682	14.94259	13.54122	20.69763	20.06809	30.38651	31.16262	19.45151	28.22332	22.87112	21.68053	19.23025	23.67058	6.095505	19.48299	13.34178	16.01839	18.51403	13.54646	39.30599	18.83592	36.96378	23.71704	31.74877	
CUST_20981_PI429010886	N44415	0.004577	15	0						32.30965	34.35136	30.13575	34.9503	31.04302	40.38893	30.04146	19.74451	32.22652	41.37211	36.68661	46.98145	37.70021	41.00395	38.65189	39.87566	32.21099	27.03609	29.76053	25.53355	35.75835	44.19983	39.14518	38.15	42.59897	43.06591	45.58039	
CUST_4000_PI429010886	M3540	0.004577	24	15						1181.8	1795.74	3280.896	3597.343	1691.46	2226.703	794.9156	650.5246	6969.97	14274.58	14113.22	8562.999	17943.08	8995.888	2324.17	16209.81	12003.36	2882.114	5794.229	3672.869	1006.98	6585.175	7671.902	4596.196	9815.19	13315.16	3829.24	
CUST_29495_PI429010886	N59981	0.004584	21	0						14.9321	15.0164	16.23717	11.92638	12.11785	13.67832	12.73246	7.194544	5.109231	13.37205	12.48479	8.495784	5.675402	3.780882	6.292306	12.17281	11.6754	7.996886	9.405002	10.93036	8.678808	12.89288	11.76966	NA	26.64821	4.362159	9.776853	
CUST_34371_PI429010886	M9463	0.004586	21	3	260829705	hypothetical protein BRAFLDRAFT_219336 [Branchi			1.3E-30	1440.453	5376.972	2541.147	7347.807	2754.789	3578.372	1914.945	2203.176	2304.824	2587.199	1300.415	4357.297	2139.684	1824.738	445.5129	2500.44	580.436	2124.898	245.5292	2188.013	2497.013	2939.878	3068.87	2246.519	3272.814	4194.154	1764.536	
CUST_6929_PI429010886	N20794	0.004586	21	3	345490035	PREDICTED: RUN and FYVE domain-containing prote			1.8E-101	876.4661	2338.281	1048.248	3627.549	1452.711	1572.497	983.8663	901.5294	890.6855	1165.381	475.874	1413.603	656.1679	1195.55	402.3792	1209.365	363.8764	695.7952	521.3278	837.1072	1430.089	1353.303	1569.266	783.1618	2109.682	1818.602	713.6188	
CUST_12349_PI429010886	N29329	0.004594	18	3						193.8001	243.4369	337.5537	401.5677	614.705	905.6425	12.37644	707.6225	8.176577	91.66231	309.3892	243.8028	120.9579	97.73561	70.69633	69.66945	122.6119	85.2824	167.5706	107.0816	398.6724	224.1873	299.1597	314.5564	99.19224	156.9601	49.73773	
CUST_3798_PI429010886	N15293	0.004624	15	9						43.86454	118.9612	212.1159	NA	22.1165	NA	45.80326	172.498	435.3919	269.5045	273.3216	399.1635	137.4373	507.2776	269.8218	176.7462	77.88301	98.29921	228.7951	313.8184	202.4642	345.1704	235.6934	39.25017	823.8136	371.054	849.9143	
CUST_26349_PI429010886	N54094	0.004624	12	0						52.24124	27.1196	43.77433	33.62524	23.74079	37.06882	22.88115	24.65512	21.84275	36.6668	24.40138	49.71501	22.58247	39.85359	52.84586	35.87751	27.75224	40.1071	43.20694	21.52267	22.5259	36.55801	43.51593	30.98507	42.07479	53.12725	47.73713	
CUST_1622_PI429010886	N10258	0.004626	18	9			Transport	Transmembrane transport		167.0802	182.318	210.2047	131.4476	135.7103	131.5965	163.6107	133.4752	160.6473	242.5125	215.0582	246.1025	173.7706	209.2569	213.0864	274.6972	122.1037	151.3368	211.85	141.9384	167.2309	211.85	154.1347	134.2151	159.9075	194.2907	233.124	
CUST_16066_PI429010886	N35591	0.004626	15	12						40.3031	86.19466	37.78218	29.20384	30.45321	38.65653	37.90698	44.07915	44.41428	50.09589	40.38558	35.64343	44.92995	46.16699	77.90063	50.85184	49.03552	46.07297	39.87971	41.50969	36.31618	44.85517	47.73713	52.11537	58.74569	45.52189	66.28856	
CUST_12997_PI429010886	N39435	0.004626	21	3						303.55	303.4935	206.3065	258.1237	290.9496	227.1882	260.1385	190.8898	200.0776	228.3928	287.1573	215.3368	201.4604	220.4437	227.8356	308.6668	383.0957	291.9237	327.0946	265.8897	291.9237	327.0946	265.8897	291.9237	327.0946	265.8897	305.1209	218.8689	
CUST_706_PI429010886	N6864	0.004631	21	18	429326693	peroxiredoxin-like protein [Coptotermes formosanu	Cellular Process	Cell death	5.78E-54	214.1014	240.1049	204.3252	143.002	121.9054	83.00511	89.00024	92.29442	107.2874	368.1562	130.0042	256.6496	174.1781	66.54991	117.8738	423.2024	157.9269	225.5174	177.1267	328.7379	210.3141	194.5783	177.2358	166.4042	271.8631	161.1033	157.2097	
CUST_54753_PI429010886	M107465	0.004632	15	6	317383196	myosin light chain [Penaeus monodon] >gi|357640			2.12E-15	57.1153	38.02052	54.85007	56.66591	60.6558	38.51022	100.7779	84.91262	72.18474	86.99215	122.949	58.65437	118.1621	46.78356	27.9072	55.36449	39.45385	19.77641	69.51764	59.62185	86.19466	71.56769	104.5344	67.45213	67.62921	34.40827	81.71205	
CUST_34872_PI429010886	M10953	0.004632	15	9						126.5686	308.0149	418.4668	65.27575	170.2053	49.00501	87.15435	422.8357	558.9364	673.8089	298.4347	552.4266	419.0394	920.7129	463.1518	656.1679	516.8489	305.8476	237.1286	395.0536	345.3911	875.643	783.5804	120.5371	1801.38	462.9458	2048.598	
CUST_25040_PI429010886	N51677	0.004632	15	0						31.21185	24.44701	36.21024	30.43732	44.71939	26.05696	15.3449	22.36193	17.77043	22.42354	13.30229	30.37957	22.39033	38.49903	30.558	38.91585	34.24814	42.93137	31.87279	24.65264	28.92063	32.55631	17.28828	19.0657	25.39336	31.81061	33.54956	
CUST_5842_PI429010886	N19282	0.004642	18	3						98.6386	89.43652	63.43062	92.60851	82.42534	131.7599	102.8937	69.84364	58.482	75.53734	80.842	53.04479	43.12973	53.10218	34.52588	68.83612	109.902	71.63476	80.22855	62.08961	79.61927	91.91837	66.48237	137.7783	53.18901	51.98058	51.49206	
CUST_28339_PI429010886	N57757	0.004648	24	18						15.32478	25.97694	33.8524	15.39298	17.15304	16.43668	6.707531	15.98363	16.64512	15.01997	14.10202	16.82346	16.29894	35.22469	32.43294	47.91527	16.24994	35.15805	53.89507	18.05975	21.66748	21.15229	26.77939	29.44853	24.03557	25.4983	24.03363	
CUST_40274_PI429010886	M52368	0.00465	24	12						8.906902	5.463105	NA	5.627939	4.131773	15.6362	9.982619	4.865987	12.68111	NA	13.22245	17.04092	19.11453	24.35448	11.32653	18.92827	8.055935	13.072	12.91494	10.8378	NA	15.0972	8.401293	NA	10.38684	7.495131	3.864843	
CUST_18697_PI429010886	N40247	0.004654	21	3	157122986	activin receptor type I, putative [Aedes aegypti] >gi	Protein metabolism	Cellular protein modification process	2.37E-17	32.73

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_33465_PI429010886	M6960	0.00874	15	9						1577.693	655.3909	14629.47	56.88497	91.46281	8.226818	3285.957	19822.05	20168.54	21318.49	2963.617	5367.717	19666.57	37322.31	20828.17	2615.876	11161.59	664.3088	3664.722	8086.505	1481.812	23172.62	27142.29	816.6897	41887.92	4318.11	37040.41
CUST_45894_PI429010886	M70652	0.00884	24	15	256079279	procollagen-lysine2-oxoglutarate 5-dioxygenase [Sc	Protein metabolism	Other	2.36E-12	55.28288	142.5512	65.74131	29.16954	67.65513	32.61136	12.14661	12.9342	41.9189	137.5442	29.10818	110.605	56.65296	87.13975	76.53451	110.3777 N		99.54848	73.27672	145.6462	100.566	163.3967	60.39122	62.17487	73.99757	77.61759	74.57029
CUST_41715_PI429010886	M5874	0.00887	21	15						24.41741	46.20496	86.84867	21.35581	116.5788	136.51	80.92356	59.93656	104.5344	98.55351	23.49823	54.43209	75.04275	96.35645	38.80417	7.44504	30.50322	18.23321	28.75284	47.59957	46.81158	64.22634	59.35924	36.08065	56.79499	63.94718	87.43516
CUST_13316_PI429010886	N30979	0.00892	9	4						305.2258	993.7035	146.3194	1047.078	536.0428	632.4528	464.198	116.5927	310.3428	53.9397	58.16774	60.18184	155.5901	127.2103	415.2193	619.8196	139.8446	545.3681	179.7342	35.1434	75.74491	387.4359	65.25047	348.4045	482.976	159.1972	379.2779
CUST_31745_PI429010886	M2295	0.00893	18	12	260819212	hypothetical protein BRAFLDRAFT_77219 [Branchio			3.12E-07	179.3194	186.9387	247.9972	139.4033	143.002	168.6965	200.184	215.4716	240.7867	139.5841	229.6568	291.2128	224.9679	262.2092	279.8719	307.7422	216.8379	249.8541	219.4848	269.6735	140.6181	231.1582	176.0509	137.0338	245.6075	153.6022	255.1161
CUST_34401_PI429010886	M9560	0.00893	9	3						48.39849	50.71291	34.31018	56.30906	58.85973	57.00393	50.4975	38.4072	29.2332	50.277	43.66511	46.507	36.42394	31.97801	37.80277	45.73272	49.02131	45.92841	53.86751	36.76731	36.4309	41.12468	55.00728	51.92939	53.59509	42.83757	24.42322
CUST_54084_PI429010886	M104479	0.00895	15	9						8.819513	6.205806	11.64355	12.10746	8.992487	3.843996	5.746337	12.62711	12.36888	17.8888	14.75649	15.46627	13.80323 N		10.96904	12.19537	79.16747	8.324601	7.82601	11.71536	12.79677	12.88708	15.10095	8.693497	18.01173	19.17918	13.61134
CUST_10183_PI429010886	N25827	0.00899	21	18	321459393	hypothetical protein DAPPUDRAFT_61331 [Daphnia			1.23E-56	69.68816	73.47743	76.11306	57.66915	61.0979	45.92204	43.51975	53.7412	56.40861	76.62236	49.89799	77.68051	63.12362	76.53451	66.70229	87.18471	44.50661	64.3589	63.05647	83.14826	79.97123	71.46149	61.90324	62.98506	65.31793	55.98779	61.2083
CUST_2171_PI429010886	N11772	0.00908	9	9						115.1886	122.3884	136.7554	93.71752	100.1395	129.0306	106.097	126.9841	132.4207	141.3308	145.6647	152.9488	130.8664	136.5699	129.8119	154.7047	123.9789	120.7327	99.65085	143.5925	135.7237	143.3418	145.0813	112.9419	168.4127	132.7894	192.9519
CUST_7742_PI429010886	N22003	0.00908	9	5						123.6853	160.6252	132.6733	110.192	103.8938	120.5952	89.97695	131.4929	103.8205	144.7064	133.355	136.25	119.4919	115.5186	122.2373	121.8439	124.4126	138.7005	93.06352	120.5952	110.1183	132.2661	140.6181	125.719	153.8434	126.3708	132.9657
CUST_7938_PI429010886	N22299	0.00908	9	9						131.4476	145.578	153.5334	120.2652	121.1966	121.5472	132.4401	117.1499	142.1431	176.5007	170.5103	204.3871	128.6369	171.8172	116.4203	148.9974	132.2049	155.7638	133.8309	119.3927	150.6133	190.1658	171.6462	149.6184	204.3871	144.77	191.4276
CUST_13223_PI429010886	N30308	0.00910	24	15						371.1996	494.6999	449.0628	396.0145	406.1396	369.2549	288.1296	332.8858	316.5285	435.0294	365.0271	485.4409	297.14	360.3606	405.9331	418.3911	416.4515	430.9519	469.9116	319.007	377.9719	356.1302	371.7567	332.1642	369.9548	379.8142	411.6609
CUST_18654_PI429010886	N40175	0.00908	15	9						167.9263	174.1781	168.5282	110.7787	63.52784	44.78041	105.0857	180.0476	119.3486	321.4467	65.78559	183.7339	255.0746	164.4415	170.6145	95.57811	186.8543	87.99607	171.8979	147.2113	75.79683	265.2639	136.4264	175.1768	550.0892	197.6933	204.5562
CUST_23445_PI429010886	N48852	0.00916	15	6	380016322	PREDICTED: proclotting enzyme-like [Apis florea]	Protein metabolism	Proteolysis	1.36E-16	5.690439	193.0385	34.35609	202.1751	201.6411	41.75717	157.2097	479.189	226.6353	27.64006	182.3659	218.9157	161.0222	121.7699	147.0578	9.548233	39.288 N		14.20484	195.9916	40.34574 N		313.6967	194.0962 N		121.4442	34.73538
CUST_19841_PI429010886	N42300	0.00918	24	0						14.09963	32.29997	11.47799	7.792392	13.45887	7.874648	8.6774	12.43735	12.67743 N		13.24115	8.218065	6.081579 N		9.477835	10.48943	7.736177	3.734567	4.885315	13.98209	5.877156	13.2528	13.55604	10.30348	14.046	17.03463	10.53669
CUST_9016_PI429010886	N23938	0.00929	21	18						17.81187	26.69563	24.62356	11.57436	16.84517	29.93088	14.62618	6.008155	12.19407	12.7848	15.33921	12.6233	21.8123	21.0027	12.76211	23.06016	19.69401	31.73942	34.81682	26.71164	11.98928	22.45542	27.02172	16.34592	21.03086	17.22867	14.28863
CUST_41186_PI429010886	M57088	0.00937	15	3						241.9617	188.1904	112.9234	295.8079	284.2107	399.7554	241.2571	178.8821	118.905	139.0764	186.2582	111.7143	151.752	125.5041	173.3233	184.7219	351.303	303.3224	276.2557	159.4135	196.9798	163.329	162.6703	258.3561	154.8889	168.9219	120.2042
CUST_42864_PI429010886	M61459	0.00939	24	6						257.0386	204.6898	217.4459	204.658	214.4744	208.1099	227.8356	222.1445	233.5692	196.7037	213.6068	269.1618	221.3126	207.0153	196.157	200.0776	139.8337	168.7503	190.5242	251.8789	200.9243	165.8977	191.6146	181.5941	171.8504	193.3576	208.2838
CUST_4085_PI429010886	N15972	0.00945	24	18	332374588	unknown [Dendroctonus ponderosae] >gi|5466849	Transport	Protein transport	2.38E-20	164.3174	180.731	141.3582	149.4856	161.1265	125.0002	102.4535	121.4973	138.3764	200.9848	122.7515	234.3704	129.3867	163.5179	154.4419	230.8944	90.72052	220.0411	165.4521	228.2235	230.5542	203.7918	151.2035	150.5005	135.074	176.3863	165.0319
CUST_41839_PI429010886	M58675	0.00951	12	3						464.4064	408.8064	271.5735	661.6789	576.8367	834.9559	558.4057	379.3496	271.5735	259.4845	321.4904	185.9383	337.5537	383.1748	352.0546	629.0535	570.2153	687.2662	583.9827	457.038	261.2742	744.5402	226.8346	529.9042	525.8609	388.3479	184.7219
CUST_4501_PI429010886	M6097	0.00957	24	21						33.27763	31.98148	13.99779	37.9894	34.1449	68.63903	31.60525	24.99806	25.8552	26.80742	19.4114	17.1412	26.40308	30.54779	22.26367	42.70658	25.58065	33.78634	31.62413	26.46898	27.14158	26.97522	28.64267	23.46752	30.09768	24.51087	36.08065
CUST_52501_PI429010886	M97674	0.00952	12	12						41.77165	35.5525	39.26949	36.57353	37.85261	39.03429	41.33159	37.56088	38.33099	37.30837	44.8896	54.83755	40.44714	53.04998	49.35995	38.02365	45.66434	31.91951	30.19994	35.96128	39.32429	34.83935	40.44914	35.96247	41.72429	34.76947	41.7242
CUST_43929_PI429010886	M64363	0.00952	24	0	76150346	autophagy protein 5 [Callinectes sapidus]	Metabolic process	Autofagy	2.43E-24	56.00982	72.05819	58.98538	42.99716	39.53295	46.81158	40.52511	43.80561	73.36115	46.54214	35.2603	40.66388	41.65038	66.80323	44.82913	57.38433	50.8107	46.60859	49.83081	43.75138	38.23666	46.72755	61.1739	47.14504	59.21866	62.28748	73.91931
CUST_18660_PI429010886	N40186	0.00952	18	3						249.1317	121.4237	411.2669	362.2892	417.7156	368.3133	519.7383	255.4386	96.25237	49.20084	376.27	91.34253	61.38183	80.04179	132.4401	76.11306	185.5006	116.8757	296.0927	61.40781	356.8337	97.32524	501.9627	506.24	83.89746	91.92897	65.48233
CUST_47517_PI429010886	M76441	0.00956	18	15						137.604	108.8415	176.4808	126.6371	119.2623	117.7304	133.1932	130.4973	123.2423	117.1913	143.9244	161.3292	156.8398	181.7276	184.3634	165.3955	181.3801	184.0345	143.4291	158.7326	114.9009	135.5237	130.8991	117.2072	179.2925	112.2136	171.8979
CUST_8295_PI429010886	N22831	0.00962	21	18						67.34293	65.04228	59.88574	45.88252	39.61818	46.52715	43.19279	54.70385	56.55039	67.7616	38.53689	76.0951	60.12109	52.56534	57.03251	62.52529	43.57816	70.87083	74.25035	67.83607	86.15616	64.74408	35.77142	46.78872	50.6408	35.10359	63.06213
CUST_41040_PI429010886	M56721	0.00963	15	9	225718978	L-aspartate dehydrogenase [Caligus clemensi]	Metabolic process	Cellular amino acid metabolic process	2.14E-36	190.4186	167.2954	388.7082	59.776	75.15426	55.24489	120.3899	169.6552	250.4345	512.4566	116.9944	286.8104	291.9341	353.8817	213.4663	217.1953	159.878	155.0302	180.9607	220.7455	149.3496	352.327	426.1051	84.25035	400.0206	284.3688	549.6818
CUST_13239_PI429010886	N30831	0.00964	24	21	114145758	zinc finger protein 1 [Ciona intestinalis] >gi|930032			8.83E-22	37.00901	48.10026	39.52535	30.83339	42.12986	30.90181	24.42797	33.14087	31.55772	39.67377	31.39141	37.12271	33.45023	55.64028	42.6726	58.81878	40.55619	38.66042	43.41776	39.37435	37.58456	50.78152	37.70021	183.3264	34.15487	38.93338	50.90018
CUST_16726_PI429010886	N36759	0.00497	15	9						22.9275	19.79375	30.14891	11.63331	13.17448	17.66078	19.22658	41.43739	20.36028	33.38385	25.95428	42.98059	26.98251	38.01489	22.74008	22.17526	22.90466	35.98369	34.93327	13.30348	22.07569	18.44132	43.11192	19.25465	25.1452	24.91328	40.67771
CUST_18087_PI429010886	N23281	0.00968	12	12						905.268	481.7893	766.1198	32.75095	60.22346	17.85496	149.4421	1238.76	1265.1	8.10130.67	2745.288	3946.907	8493.602	2122.67	11908.36	1753.366	601.0108	498.525	1163.293	6394.985	586.5167	1877.8	1842.81	440.22	18178.95	2884.034	19224.7
CUST_18811_PI429010886	N40455	0.00993	21	12						32.75472	35.84962	35.90257	27.73257	19.56884	36.30339	17.59108	26.64522	35.1842	40.55619	33.49626	76.48318	35.67075	56.91814	49.60877	40.01136	243.718	34.0469	33.57359	39.88324	42.59502	48.67472	63.26276	48.74075	23.71505	28.35396	28.27971
CUST_25787_PI429010886	N53065	0.00996	21	0						12.59071	9.002381 N		16.41585	6.942833 N		8.396527	6.967135	8.451827 N		7.220984	10.9225	5.54498	4.294809	4.737841	10.1858	7.936545	12.32915	5.961141	13.66038	8.154793	10.57913	14.61408	8.525365	11.27734 N		11.5947
CUST_45688_PI429010886	M69923	0.00001	24	15						105.9691	95.54961	114.917	113.3684	90.25676	92.90826	90.61609	79.55126	84.722	103.9666	96.50257	108.4668	88.53305	110.3002	96.71335	134.7225	120.2505	111.027	110.5556	113.2835	106.5844	94.46416	92.74338	100.1573	115.5444	125.4314	110.2159
CUST_11905_PI429010886	N28602	0.00006	15	3	321473083	hypothetical protein DAPPUDRAFT_315157 [Daphni			1.09E-33	38.52489	16.99403	34.59885	72.1095	22.6017	104.164	29.93503	47.25743	28.74973	12.31888	23.6747	8.992487	52.27598	21.7647	21.45407	33.95872	82.73488	68.33006	66.50645 N		19.03542	29.82235	14.10863	29.73496	10.46311	26.15331	8.648968
CUST_35592_PI429010886	M12974	0.00009	12	3						84.10524	59.27376	60.89252	93.05164	103.6762	150.0554	120.9334	88.10192	82.76433	77.97597	62.78204	88.57155	105.8358	134.3863	104.2917	121.2272	89.11931	94.07093	102.2907	89.5493	89.81869	82.6351	76.34394	56.30291	90.03399	99.38154	99.7668
CUST_40911_PI429010886	M56375	0.00009	12	9	91081799	PREDICTED: similar to Transmembrane protein 62 [			3.26E-11	70.51648	70.30533	81.78469	52.034	50.4975	43.97896	72.05819	70.99058	89.41173	106.1322	68.5761	88.97552	73.67107	76.02137	80.04179	102.0693	44.98924	72.30449	78.85902	69.06525	87.19276	96.32091	107.8715	89.11931	66.39266	79.07776	68.2359
CUST_8214_PI429010886	N22720	0.00018	24	21						435.9739	403.4755	564.2409	311.3229	381.498	356.9822	482.8729	353.0802	417.6101	409.6774	389.2749	397.1398	443.7417	513.4234	460.8905	599.2901	399.641	429.9795	467.5419	500.3626	398.993	514.5197	603.9714	610.8058	456.6758	403.1472	522.1156
CUST_12417_PI429010886	N29430	0.00018	15	0						41.5428	35.86299	48.27575	25.12109	27.01753	46.87582	26.25702	20.93093	28.43068	51.61587	25.76975	36.47407	27.89422	35.96223	34.86128	37.20514	93.37534	31.6082	38.14082	30.94543	42.89451	20.73682	25.83743	21.65726	30.13914	40.68988	42.79014
CUST_56199_PI429010886	N113084	0.00019	15	12						79.61927	117.0641	105.9444	88.46488	59.76845	46.9109	75.22006	57.18099	71.00324	79.71189	90.0502	107.2744	104.8392	98.21029	99.40267	82.05363	71.81796	75.85108	85.64499	144.9989	81.31167	71.93323	68.761	57.43992	62.44513	86.67899	91.50805
CUST_2738_PI429010886	N12134	0.00034	24	15	332022211	Poly(U)-binding-splicing factor half pint [Acromyrme			3.06E-34	48.25555	60.14737	53.23418	52.49227	48.75661	34.24186	44.67201	43.25525	34.26311	63.44792	47.14099	50.1137	47.03677	50.37741	74.87405	67.30267	53.65979	59.25692	46.17373	57.12429	59.5692	46.17373	48.55005	46.7877	53.32275
CUST_14453_PI429010886	N32910	0.00035	18	15						123.1539	136.9283	129.065	118.3064	116.3867	194.0018	98.82662	86.4072	88.95458	124.0734	88.15874	146.882	91.11111	112.0385	105.5931	149.9119	133.4278	156.3748	110.4732	97.74764	108.6016	115.6902	102.8937	120.6113	99.91859	110.1637	111.3143
CUST_41673_PI429010886	M58284	0.00043	12	0						592.3414	813.4135	1038.033	342.6916	317.2087	278.0457	394.1043	499.6534	409.9605	626.6888	384.8393	369.4961	689.6848	849.0108	544.0717	842.6525	469.28	415.7405	531.8244	555.8637	477.6391	907.1459	553.2164	445.9535	1972.844	475.7608	1807.03
CUST_49255_PI429010886	M84924	0.00049	15	0						84.27092	227.8356	77.64933	66.22546	69.62631	76.29064	65.64051	67.85743	53.49548	66.83042	55.90718	110.765	72.30449	77.5823	113.2976	79.11601	80.95222	98.07031	52.32373	83.91514	92.5954	55.87064	66.87846	59.6055	89.35703	99.33533	83.39175
CUST_6120_PI429010886	N19655	0.00051	21	3	466017551	PREDICTED: Orcinus orca structural maintenance of	Cellular Process	Cell cycle	3.17E-52	NA	84.8734	45.1918	145.4206	56.62309	62.63151	39.98555	31.64126	35.7636	49.57451	22.8759	56.40861	20.74295	24.9855	20.41093	36.64641	9.935503	28.9598	19.16079	27.92065	89.73481	15.03992	76.14971	46.33014	65.56207	72.89846	34.99807
CUST_56667_PI429010886	M114381	0.00052	21	12						517.5225	339.7564	433.4824	139.2667	563.1994	329.4092	529.3841	453.4712	303.0793	694.099	325.0806	392.2917	843.8131	553.9482	430.573	520.8337	665.3114	552.7878	463.2589	579.5177	375.5434	523.7505	248.7014	256.3774	163.2245	234.3391	422.4541
CUST_11155_PI429010886	N27358	0.00052	21	0	345493781	PREDICTED: peptidyl-prolyl cis-trans isomerase-like	Protein metabolism	Protein folding	1.69E-72	74.6525	87.26148	71.67319	76.27537	71.83386	65.9084	68.34468	51.1689	52.10062	70.39937	47.41387	55.04733	51.59735	57.05184	72.39117	69.95364	52.7291	63.1832	62.24459	68.1054	71.50258	87.47537	58.69441	82.70078	61.1739	46.29572	76.21064
CUST_15212_PI429010886	N34193	0.00067	12	3						684.1373	2155.605	132.473	2444.229	1236.95	1315.293	1271.51	75.7868	1393.263	67.57577	59.04082	20.92458	349.238	187.7096	120.12	3237.592	190.2377	2129.816	164.3174	38.68605	60.76524	529.4905	76.98892	488.1693	445.5129	171.0565	271.5735
CUST_27430_PI429010886	N56047	0.00067	12	6						17.85063	8.190659	15.22654	22.17526	24.68274	25.0475	22.39942	17.5614	10.19943	13.41579	9.044875	6.951132	10.60469	13.14806	20.63001	22.47267	26.96182	23.97161	16.80068	11.58812	15.86933	13.83685	23.05797	18.97043	16.07923	17.13668	14.4219
CUST_16466_PI429010886	N36504	0.00067	24	21	307192890	Neural proliferation differentiation and control prot			1.14E-22	212.2284	240.0651	257.237	199.6316	215.6784	213.2369	466.2109	256.0146	271.3099	224.668	293.8787	179.7058	275.2295	245.6501	229.8288	330.0239	256.3596	268.8853	188.1911	256.9545	256.6893	188.1911	256.9545	256.8863	188.1911	256.9545	256.4846
CUST_8587_PI429010886	N23265	0.00073	15	0	291230131	PREDICTED: hypothetical protein [Saccoglossus kow	Metabolic process	Other	2.81E-09	25.39589	20.01489	23.59869	21.17293	14.27082	28.31689	7.833526	7.592295	8.672182	20.32835	20.40111	20.28484	4.727333	16.70546	8.682476	23.23883	19.81911	24.4716	9.400307	14.91728	21.036	15.71146	7.789768	9.22307	24.71578	12.93967	16.48057
CUST_55576_PI429010886	M110799	0.00081	21	3						12.66068	37.0175	12.85382	73.09859	25.72198	31.39141	19.39824	18.46372	22.61587	20.86179	5.941184	26.53469	7.176452	25.93979	28.40026	16.53332	4.734662	18.09887	10.8172	14.28863	27.69389	25.95233	25.4055	16.89352	38.51713	40.13494	NA
CUST_5139_PI429010886	N18307	0.00085	18	15						635.2846	938.6625	753.7243	575.8176	617.8466	629.802	504.2482	527.3498	550.0892	708.9187	602.1279	972.1119	453.79	686.6887	717.957	1016.851	483.6862	746.9886	638.1084	745.6971	667.0295	663.5689	654.7049	594.4635	547.2331	620.4611	606.4913
CUST_29363_PI429010886	N59714	0.00087	15	3						622.9374	586.6898	721.5575	472.8988	629.4397	646.0018	507.1661	564.3927	525.7241	659.8695	663.9332	828.3608	664.1086	703.6838	845.2412	906.5131	618.5189	715.1399	582.2842	653.1387	667.7123	580.161	673.1948	605.6379	681.1329	652.3862	801.7718
CUST_4010_PI429010886	N15779	0.00087	21	3						92.79213	50.01173	100.2579	121.8737	82.08362	163.2552	75.74491	178.4123	151.2427	107.3035	77.43118	63.09759	113.2976	109.3157	65.26948	53.26961	120.6877	84.1293	83.59685	49.29932	59.87756	60.93069	90.0502	115.4344	122.7816	136.7329	160.5038
CUST_16775_PI429010886	N36850	0.00088	24	21						84.09478	65.26948	72.9942	61.72981	65.81652	99.23417	57.00393	55.9772	59.21305	60.96666	41.55123	42.6726	44.09424	85.72992	66.53867	78.54463	65.85741	74.7826	74.3404	68.61072	56.93106	98.28699	67.79763	77.4993	76.55131	60.95084	78.16064
CUST_10221_PI429010886	N25896	0.00094	24	21						122.0182	105.7491	111.1235	76.80142	93.41435	84.54494	100.4336	100.4445	84.64574	95.01446	103.8804	96.5167	97.87109	112.3805	103.5565	115.5	91.6512	113.3258	81.33169	105.9897	108.6304	137.351	128.5095	118.4789	119.9589	128.8708	107.4618
CUST_18305_PI429010886	N39543	0.00094	24	6						189.1715	214.2881	250.6863	170.3963	168.6167	228.0216	145.9801	156.4118	177.896	215.7896	181.9887	193.0075	166.3529	198.3716	173.1201	219.8889	191.4774	238.6203	183.8412	211.8227	238.7009	211.7142	232.3526	231.1582	244.9337	198.308	235.1729
CUST_24092_PI429010886	N47302	0.00095	24	12						78.44959	109.7974	93.41435	91.82524	103.5822	80.86611	94.04891	82.33655	91.52825	68.34468	95.27106	76.60076	76.12074	85.94103	101.0918	79.82928	130.0239	83.1483	104.1793	99.76263	86.09273	81.8567	99.31201	81.8567	99.31201	81.8567	106.4846
CUST_6142_PI429010886	N19683	0.00099	18	12	67625699	TPA: endonuclease-reverse transcriptase [Schistoso	Nucleic acid metabolism	DNA replication	8.73E-68	121.3307	85.76295	137.3083	86.7376	94.27998	119.6624	99.79034	89.14278	112.4193	120.2195	107.4857	142.5643	110.2326	157.8794	151.2877	143.7439	122.3884	141.6567	121.649	128.4226	115.5	119.7503	114.9376	83.32632	123.1656	101.7455	165.7972
CUST_24247_PI429010886	N50294	0.00099	18	12						37.38397	38.57556	41.57079	34.65148	16.57372	56.15718	31.25517	22.48304	16.32704	15.00335	33.80016	42.79462	42.95145	71.06446	42.00009	41.99643	62.75575	56.38454	23.83766	36.18187	19.60024	45.16608	30.81346	22.30073	24.88909	34.91922	21.26849
CUST_43530_PI429010886	M63285	0.00103	12	0	260807227	low-density lipoprotein receptor-related protein 2 [			6.98E-14	212.5355	210.2272	225.6591	163.8253	121.0793	116.332	152.3321	153.8729	192.442	250.9292	135.061	197.384	196.2537	285.9546	268.2743	246.92	151.2719	167.5217	138.3904	224.4715	202.3705	196.9122	176.7077	178.833	223.9704	202.1175	287.9369
CUST_17784_PI429010886	N38581	0.00103	12	0						33.06846	24.02788	33.91698	23.27419	26.6702	28.45405	17.49801	24.15363	24.18144	19.79848	19.19726	21.33841	20.95699	28.04382	39.8966	33.83579	28.16847	26.76517	22.55992	22.8042	31.41951	25.0475	20.81747	14.67098	26.80742	23.06972	32.34301
CUST_35021_PI429010886	M11355	0.00122	18	15						130.9315	124.9715	159.0925	128.9944	95.29429	99.66003	120.0167	120.2964	113.475	156.5024	111.4592	104.164	122.6882	188.3253	138.5342	159.6044	157.8347	135.4539	146.5131	115.6002	129.0306	145.4981	97.22671	104.8753	147.5789	87.51279	99.94463
CUST_12434_PI429010886	N29455	0.00125	24	21						112.064	135.4539	117.6882	114.917	151.707	122.5004	106.0325	93.92221	111.8286	121.1828	105.4997	121.3613	114.9975	107.319	69.32875	128.1595	100.3711	126.3127	101.3914	93.35337	125.7681	162.0946	141.0765	154.1139	202.1175	134.3448	199.3801
CUST_49030_PI429010886	M83697	0.00128	21	0						11.72586	5.32901	15.31326	10.35656	4.756913	17.06824	5.342076	8.450172 N		NA	7.419678	7.693635	4.653863 N		6.104204	4.114201	5.422154	4.515942	6.715293	4.538832	7.798194	6.733142	14.36708	10.31819	6.572882	8.545589	14.4735
CUST_6383_PI429010886	N20032	0.00129	24	12						15.73231	13.83327	19.33205	10.37992	23.6747	15.94381	12.40589	23.37424	32.81991	19.54896	34.16228	42.98324	34.47823	30.40511	41.60845	22.89148	18.4326	27.86411	23.37181	37.38785	27.78206	21.55161	30.43439	15.53244	12.75631	16.66286	28.09147
CUST_16810_PI429010886

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_26285_PI429010886	N53982	0.00541	24	21						122.2551	143.2327	173.4253	121.2116	149.3076	126.2074	118.9612	117.3776	119.4919	133.4505	113.2243	167.4333	112.8438	204.3548	149.2677	136.3105	124.2291	127.916	164.2007	144.1866	148.6709	163.1226	149.3268	172.5998	170.7553	137.7352	152.9004
CUST_22368_PI429010886	N46907	0.00526	21	15						25.50611	25.10548	25.2086	23.40412	30.03779	29.56124	24.02788	26.6361	16.57372	29.28327	25.77304	22.24073	17.99464	41.96064	28.37201	45.57502	38.74644	37.71174	37.59059	28.51585	33.23976	33.71856	25.89716	21.28517	25.06956	22.31012	36.29351
CUST_37962_PI429010886	M22486	0.00526	24	15						40.81576	165.0799	267.6598	122.3609	63.45518	16.9342	467.9877	271.8242	783.9719	466.1947	156.3501	227.9715	2048.598	2343.419	1326.638	1099.991	860.1543	246.3068	221.4446	435.9034	202.4996	469.28	785.0368	109.3629	3835.814	224.6063	4651.575
CUST_21360_PI429010886	N45078	0.00436	15	9						20.60205	24.04991	21.69445	11.43263	53.72529	14.90751	18.09887	37.22147	33.74722	22.91836	55.09927	16.80437	20.3649	33.24682	28.55766	30.25328	19.48105	22.18811	9.396038	21.41219	12.76972	19.14986	16.27254	15.93573	57.00393	76.27537	83.20205
CUST_56638_PI429010886	M114273	0.00539	18	15						244.4592	117.5373	250.0775	50.64584	247.5396	172.0275	295.9544	221.165	184.3634	236.0839	174.6176	217.843	333.5081	317.0842	193.4964	246.8318	327.7237	339.0413	172.5998	232.8922	159.5474	231.8976	112.9777	92.05581	99.38154	176.7991	241.0332
CUST_2798_PI429010886	N13131	0.00439	18	9	443725752	hypothetical protein CAPTEDRAFT_149382 [Capitell	Metabolic process	Carbohydrate metabolic process	5.5E-179	429.9553	637.7954	690.0315	568.0071	449.7775	289.8985	347.794	811.5226	675.5498	768.7795	695.1115	1106.942	702.9226	793.9994	577.33	735.196	465.6558	534.8364	423.9576	132.8909	678.3407	574.7836	622.1973	414.2198	635.9764	606.9446	1001.62
CUST_14840_PI429010886	N33557	0.00439	18	9	321458928	hypothetical protein DAPPUDRAFT_202549 [Daphni			1.28E-47	32.26619	33.1843	53.46055	45.58985	40.05116	36.5984	36.87977	47.99065	83.85047	79.0521	73.63983	65.6996	32.09117	70.81749	64.41721	40.23032	40.28418	53.69723	48.8316	41.6388	37.13071	46.1565	49.26562	26.62548	63.91986	50.3553	54.83755
CUST_25585_PI429010886	N52690	0.00439	18	9						23.53568	35.81064	25.74156	17.64263	19.64586	21.01435	25.9425	42.43356	37.52322	27.87322	49.62512	54.95061	41.54682	30.3611	39.00975	31.03212	30.34669	14.82853	24.17719	81.5369	33.22506	8.800802	25.13331	22.81875	12.75297	31.67348	43.94258
CUST_20677_PI429010886	N43865	0.00452	24	9	310743898	glycogen synthase [Marsupenaeus japonicus]	Metabolic process	Carbohydrate metabolic process	2.81E-50	44.06771	29.0365	39.50511	30.34438	35.19889	17.6292	36.2246	71.28268	39.45879	61.93065	56.88497	57.49879	41.34656	32.65296	28.24659	23.81072	37.07935	25.27468	22.96573	49.34559	29.44539	29.51147	26.10687	19.50921	42.20313	27.75482	28.07255
CUST_13017_PI429010886	N30444	0.00474	24	18						64.35394	66.09773	46.16276	56.17738	70.57795	41.05122	42.03557	33.51452	50.51683	72.55972	46.8066	65.89913	52.30747	59.48243	65.11259	70.12587	40.06113	55.93797	73.13314	74.14418	66.62755	107.1033	57.26217	58.49978	70.27659	45.98571	55.76859
CUST_45584_PI429010886	M69580	0.00482	21	15						15.25972	13.60583	19.69401	13.64087	13.54808	14.5578	21.57533	13.4573	5.314464	13.47393	19.12864	16.16705	13.03814	14.14304	19.26372	22.36394	22.45323	16.89973	16.32095	21.34103	15.87666	15.18342	15.47031	21.96895	17.12595	12.71188	6.493972
CUST_43061_PI429010886	M61965	0.00483	15	6						12.00666	11.28527	20.03907	6.053093	40.00557	19.2347	47.82652	53.81515	31.09423	49.69905	13.2768	13.072	21.88139	NA	5.271099	12.35209	40.09974	17.10625	50.039	23.30725	19.07608	26.57549	62.72678	53.14405	30.79653	NA	14.04854
CUST_43917_PI429010886	M64322	0.00484	24	0						8.992487	9.664283	NA	NA	7.967454	NA	NA	8.769916	5.231414	6.064884	4.127474	20.07855	5.140846	4.017798	5.661008	7.20194	9.329547	4.813825	11.17076	5.079117	5.946298	14.12974	NA		8.937423	15.26731	10.65706	10.29908
CUST_49167_PI429010886	M84484	0.00486	24	21						62.33854	61.86952	96.67753	49.10837	70.47227	61.05172	55.1911	63.7264	51.04482	67.79099	64.75173	70.65347	62.76739	69.28034	65.49916	74.42211	67.41072	60.82114	52.05083	72.44795	67.39787	77.92872	76.72395	81.64235	73.98788	74.74764	77.89081
CUST_810_PI429010886	N7379	0.00486	24	18						16.31911	11.22699	10.28317	6.235994	20.90297	13.58792	8.64523	32.84186	18.26586	32.47936	27.32872	17.01109	21.10225	14.89599	11.13027	31.92608	36.65626	17.75499	40.59908	28.13722	45.52189	21.12887	27.29633	20.59519	21.72859	19.14986	19.17708
CUST_12345_PI429010886	N29322	0.00549	18	12						25.18232	38.41593	68.20531	34.03541	32.20238	35.82698	26.89938	61.8328	30.50923	43.82673	33.09246	50.91495	55.92013	66.54333	75.49979	62.62665	40.95384	64.14878	74.88917	74.08523	46.72383	24.77312	50.41901	21.60382	46.16699	39.36991	41.06525
CUST_57290_PI429010886	E4431	0.00493	12	9	493564239	hypothetical protein [Leptolyngbya sp. PCC 7375] >[			1.35E-11	20.27043	16.91691	11.8505	6.045321	5.372564	NA		11.17351	9.360222	7.862605	15.8263	NA	27.03844	25.58851	16.39244	26.62548	6.759208	4.908172	6.906185	18.07527	18.2356	5.83676	28.34529	NA		10.68951	NA	16.77252	27.84094
CUST_4030_PI429010886	N15847	0.00494	18	15						54.6573	68.49231	51.30066	24.62356	42.08627	41.7957	47.39715	46.41206	21.3985	51.51637	53.00673	50.277	59.28015	56.15273	62.45053	63.06213	52.20745	63.1929	48.9688	61.74634	49.86955	52.97579	41.44605	52.17878	83.25716	44.00542	72.71237
CUST_30887_PI429010886	M115	0.00494	24	3	321479130	hypothetical protein DAPPUDRAFT_186952 [Daphni			3.24E-86	57.57631	63.85255	45.79823	40.95098	50.45571	30.71736	37.83427	34.64486	36.71638	73.01018	53.21879	55.28753	45.91191	60.07749	67.82256	74.59866	55.11221	55.66641	38.58794	58.97911	41.46468	48.90708	53.84406	38.50578	68.5761	63.32755	66.18105
CUST_55302_PI429010886	M109493	0.00524	24	18						790.3406	937.3911	1003.294	716.5268	771.6454	834.6224	699.0502	714.5213	833.5719	889.0555	817.1902	1153.433	820.2371	1045.476	1021.127	1089.985	878.2313	828.8539	914.3958	1088.645	1007.936	1033.021	983.8663	862.6591	921.954	850.2192	1102.275
CUST_41321_PI429010886	M57448	0.00525	21	3						2404.795	4388.254	2829.871	6571.189	3597.224	3405.484	2538.071	1994.557	2007.972	3362.672	1726.714	3459.777	2009.101	2911.974	1307.203	2487.623	1495.795	2143.344	1495.765	2076.382	3044.646	2863.818	4051.321	1977.87	4361.48	3590.082	2610.308
CUST_15067_PI429010886	M33561	0.00552	24	21						112.9528	98.43882	110.4732	106.1516	106.3744	108.5323	81.78469	95.78605	102.7996	135.4209	104.7962	127.2378	87.23671	132.7602	100.9853	136.8231	107.0733	135.4209	105.6225	115.8337	135.1749	149.6557	144.2244	137.8317	147.5412	122.8849	142.2438
CUST_54060_PI429010886	M104323	0.00556	24	0						68.25944	77.64933	52.71843	21.55583	68.72963	48.57594	56.11599	25.59863	56.20414	50.92195	46.24589	53.55772	40.35674	51.00123	13.46781	50.04478	44.43928	59.6416	40.79309	40.72449	75.88452	41.75433	67.78689	62.48029	90.29804	58.12189	67.81299
CUST_37912_PI429010886	M22216	0.00562	15	12						3921.02	963.6143	35686.35	62.29412	140.2062	79.21992	8147.956	65872.24	41577.33	53582.06	1326.638	2937.772	44666.31	71255.08	37163.2	791.8244	30290.41	352.6729	2304.824	3208.657	1046.312	19200.93	48876.8	1208.768	58715.07	2075.258	52133.5
CUST_35407_PI429010886	M12509	0.00568	18	12						146.8141	148.08	157.5747	115.6518	137.1056	124.4818	134.577	116.8442	144.7064	140.6181	150.9847	173.7958	145.1035	170.6697	181.0372	227.8652	143.5925	163.6601	144.8143	158.8004	102.7622	178.9173	84.1293	108.3734	165.5902	123.0876	134.282
CUST_7287_PI429010886	N21321	0.00579	21	15						311.8189	247.4599	364.8884	239.571	256.9666	281.4899	237.506	264.9246	200.4624	303.9241	235.8718	309.8242	223.377	242.302	283.788	322.7948	306.4375	323.8163	297.5859	273.8764	295.7576	268.588	291.5938	277.9328	244.5842	291.2799	319.6424
CUST_37444_PI429010886	M19054	0.00558	15	9	194207957	PREDICTED: mRNA turnover protein 4 homolog [Equ	Protein metabolism	Ribosome biogenesis	4.16E-74	248.5974	418.3911	270.5782	212.4692	256.0552	162.5301	239.6937	273.9149	295.4403	502.4781	278.397	498.2267	373.7568	406.244	332.1138	358.1231	267.3316	243.0834	251.0973	351.0419	266.0871	419.7481	285.2001	180.5686	333.3682	287.5857	446.3108
CUST_47930_PI429010886	M78209	0.00558	21	3						1510.415	3254.31	1930.669	5447.86	2382.34	2323.132	1623.972	1433.821	1614.376	2469.728	924.2614	2208.121	1216.535	1305.146	229.245	1899.44	653.4911	1101.197	681.8773	1012.516	2608.992	1954.96	2539.516	1294.143	3051.185	2624.92	1069.858
CUST_40830_PI429010886	M56187	0.00585	15	9						32.46164	28.82038	53.43689	22.49442	81.66432	38.11258	45.29693	88.47454	70.7847	141.5103	113.9625	74.90972	55.54708	125.9625	84.08227	35.69319	79.73386	42.54782	110.7081	60.38361	54.56998	135.7577	107.3414	21.11367	144.5986	61.6776	112.3515
CUST_36693_PI429010886	M16563	0.00588	24	21						19.61757	18.07527	17.73598	15.75243	18.99531	13.68485	10.95916	10.78602	26.55213	18.20852	14.89445	23.71956	22.04079	30.03204	26.72979	25.56654	28.46316	21.64092	23.76609	34.13499	19.64523	19.40605	19.81531	15.29468	31.40553	20.48326	14.70218
CUST_3017_PI429010886	M13609	0.00616	18	3						7.215021	NA	16.53993	11.44906	11.77858	15.83311	8.874168	7.45522	8.429067	5.626214	9.979571	6.450449	4.463363	9.400307	4.965226	4.801968	15.16412	6.528004	10.11181	NA		13.26521	9.184475	9.486543	17.23132	11.3111	NA	10.37417
CUST_34033_PI429010886	M8559	0.00617	24	21						20.17321	8.29527	15.28107	19.99274	16.39504	19.88268	12.30417	6.976589	13.89131	16.7895	14.18775	18.24494	22.43724	16.17931	15.95746	29.64209	16.91528	39.81638	32.98635	20.12103	15.42332	19.72128	28.48875	29.41742	27.68104	28.61965	48.09585
CUST_4941_PI429010886	N17853	0.00617	24	3						49.18958	65.43441	65.61755	67.34873	56.12021	70.7847	55.5381	54.26995	55.88861	65.96017	46.62471	55.63288	50.93524	51.11368	62.09543	70.7166	52.30377	43.42171	42.12286	45.54446	45.26245	65.06553	43.5925	58.91707	57.55495	83.92582	52.11537
CUST_40002_PI429010886	M48221	0.00563	15	12						16734.53	7938.371	24841.44	651.5039	1744.83	818.6448	13400.98	28866.67	32231.42	38947.83	12715.79	10610.68	31148.55	39731.64	24244.07	6694.984	20510.07	3526.312	11454.19	19120.04	7137.019	30082.79	23706.31	3968.239	50862.95	9207.498	38496.63
CUST_51281_PI429010886	M92921	0.00563	15	3						1513.56	1426.735	1017.693	1509.413	1774.043	1888.53	1588.949	1282.355	1063.907	831.7121	1504.846	954.6687	1100.556	951.2956	902.5128	1548.599	1567.155	1336.322	1803.696	1170.459	1167.349	1223.156	1085.118	1382.151	1113.695	1261.977	920.9532
CUST_1344_PI429010886	N9348	0.00565	15	9						433.2734	536.8972	603.0908	321.9594	455.9675	420.9194	419.6576	402.5662	502.1624	920.0256	506.7573	684.8725	451.4433	625.9634	522.1156	567.3609	348.178	470.9015	464.9946	547.2331	492.7259	742.2219	571.094	600.1331	1070.988	546.2052	986.4774
CUST_43798_PI429010886	M64005	0.00549	21	12						9.871686	15.99431	11.04144	10.22956	6.279736	NA		13.86613	7.475526	14.85609	13.63953	8.992487	8.850436	23.1075	16.50418	14.11803	12.59547	20.22864	11.83887	4.219514	NA		13.35156	12.10865	11.0938	8.204634	8.031655	10.65431
CUST_52819_PI429010886	M99080	0.00556	24	0						130.2217	155.6736	124.1092	102.3756	66.33339	84.88556	96.8323	98.82662	82.97709	95.45887	90.75806	142.9849	107.8082	61.72335	92.46177	105.2803	92.79213	116.8442	105.5819	113.7768	128.6574	125.2116	118.6493	107.0416	102.2299	152.988	140.6816
CUST_35398_PI429010886	M12477	0.00565	18	0						43.20136	63.49666	63.03943	53.50545	25.79784	23.84339	29.41419	23.88883	26.60252	27.56643	37.14508	33.69477	35.84618	55.5381	34.08252	44.74185	27.32583	12.18557	60.49989	40.33441	57.55495	51.47065	22.42981	40.17403	47.36571	32.83588	24.73831
CUST_21916_PI429010886	M46093	0.00569	24	21						19.10728	7.690783	12.43137	8.7	7.542588	8.21709	9.720983	7.528845	14.20045	16.26104	10.32521	14.93407	9.339132	14.25604	11.22153	16.58665	6.050462	12.47409	7.591028	5.528525	7.648875	13.01002	16.6921	7.528525	7.648875	13.7832	
CUST_15832_PI429010886	N35217	0.00578	15	9						23.91343	27.74608	28.05064	15.32478	29.09314	23.75346	21.3486	28.9565	33.36125	53.73015	36.54259	41.27857	68.63241	37.81392	29.58077	28.45961	17.92364	31.22335	16.98462	47.01326	32.47618	38.31739	34.38812	21.29581	33.37016	39.68929	56.64379
CUST_11838_PI429010886	N28496	0.00585	21	12						198.7421	187.9811	199.9107	119.5328	142.5243	157.378	139.0764	144.1452	150.8429	161.1553	160.0867	193.7403	168.3796	296.3588	250.036	217.2265	168.1071	207.0153	165.1538	192.8746	180.162	204.1442	190.201	172.9267	205.1968	162.9163	190.4443
CUST_29265_PI429010886	N59510	0.00598	15	12						119.6887	147.523	125.0002	83.00511	76.00655	119.585	79.38753	78.48723	93.04202	133.9706	115.202	155.0892	105.5931	132.8952	139.0616	128.4068	102.7268	128.9553	126.6371	110.4575	134.4594	110.3002	109.4779	71.73214	120.3338	139.545	126.9841
CUST_42692_PI429010886	M60985	0.00705	21	0						44.42212	59.75541	40.9306	34.56663	42.6624	55.19772	32.858	28.97255	20.19927	24.91029	26.51217	48.6393	39.27986	40.82323	43.51237	50.30627	28.40654	54.4284	43.85239	51.76265	30.72417	53.02941	41.71124	55.81208	33.45023	47.84187	54.86156
CUST_15005_PI429010886	N33847	0.00721	18	3						79.70393	54.24943	46.0983	54.66133	66.73255	66.91698	33.61051	22.07292	20.0846	14.98047	16.29403	16.08792	38.60384	37.53618	51.38396	49.75939	9.606473	65.37264	12.02167	39.09942	27.15737	72.23965	24.26504	50.41901	38.29585	16.80437	27.96355
CUST_33155_PI429010886	M6122	0.00723	15	9	54042615	arthrodial cuticle protein AMP6.0 [Callinectes sapid			1.9E-13	94.19343	280.0237	287.9804	230.7517	142.2748	279.7821	637.0757	531.5557	825.4395	1044.227	423.8598	630.254	194.6975	867.8685	404.8823	145.861	127.7733	162.8499	306.9757	1056.312	684.7245	195.1331	666.8781	133.4052	1025.99	422.8357	1563.475
CUST_12015_PI429010886	N28780	0.00728	21	0						37.91955	46.0983	36.98139	17.7146	28.2598	29.45836	24.68523	17.20064	29.46496	22.79184	32.15505	34.50298	22.30272	31.07874	28.99536	44.42567	23.6747	43.70884	32.79034	37.09113	35.82359	34.37569	39.33849	35.48457	38.6481	15.15241	32.55113
CUST_639_PI429010886	N6489	0.00731	15	12						384.1514	758.8197	454.9277	299.285	470.9015	127.0833	901.9536	592.9907	1777.79	1209.365	636.5467	1457.169	2328.414	2754.789	2027.433	2271.87	2328.414	768.7795	950.8038	814.2205	1096.765	1678.528	1265.474	1333.908	4882.08	1140.062	6750.846
CUST_41057_PI429010886	M56778	0.00736	24	21	345488671	PREDICTED: proclotting enzyme [Nasonia vitripenni	Protein metabolism	Proteolysis	4.82E-29	18.85349	20.12612	17.71709	38.0116	16.24458	15.15645	41.9189	27.94276	54.26995	46.14783	20.04961	24.8123	33.16347	52.62093	26.8663	27.55378	20.91255	20.64269	22.61221	26.61973	38.82258	29.99067	40.27597	20.76453	21.47442	13.06649	43.27178
CUST_29357_PI429010886	N59703	0.00739	18	0						101.5527	106.2586	111.4482	101.5112	83.85911	86.58356	70.19365	71.01876	55.14182	82.79408	74.66823	85.86351	68.92299	108.6177	82.39034	103.7436	78.97339	85.0717	77.15161	84.62693	82.46901	84.53623	90.20594	82.31536	81.95659	68.09627	78.13459
CUST_42831_PI429010886	M61369	0.00748	24	18						16.99562	15.38835	21.25262	14.4666	5.816875	11.98753	21.46638	11.4368	20.46326	15.24047	19.06154	21.51171	17.63614	19.1562	22.20953	20.62099	21.51773	34.21609	20.75228	48.34221	22.64731	20.90912	10.76813	35.75443	26.4083	39.01912	29.08714
CUST_19138_PI429010886	N41036	0.00755	12	0						26.8901	35.27881	28.60108	26.43705	35.07318	35.29256	25.75422	25.76654	20.03408	32.43577	24.73262	34.00967	21.41546	33.62105	45.35228	25.34638	35.16453	29.19814	23.42758	20.17559	15.91395	36.34774	23.73784	30.83339	34.35136	41.95242	53.57478
CUST_3251_PI429010886	N14108	0.00757	15	0						20.75541	15.4684	18.65246	38.69306	44.63407	55.9701	29.29243	13.60023	13.98209	9.508624	7.032309	NA	8.058299	11.36093	24.0618	56.22954	35.44133	72.49088	26.26779	NA		6.036326	29.42444	15.40711	35.28945	11.2994	4.322357	NA
CUST_38971_PI429010886	M32801	0.00766	15	12						1293.201	774.9868	10760.71	35.09944	52.15419	15.90511	3001.59	16515.38	18377.26	16480.39	4216.888	6986.943	11313.76	33268.08	18524.86	2032.79	8627.68	615.066	1953.939	9855.517	665.511	25976.81	21067.41	511.4224	25976.81	3676.785	25871.73
CUST_14848_PI429010886	N33569	0.00766	15	6						64.68215	89.27715	139.9854	58.5117	58.94211	63.16675	74.79904	140.8407	108.8877	93.78702	78.01974	112.5615	116.8209	151.9691	111.1116	104.6828	85.22504	79.46381	79.00627	80.42722	74.84295	108.8172	116.0529	50.90637	162.1687	63.45518	133.8722
CUST_40655_PI429010886	M55759	0.00769	18	0						217.9939	NA	339.9729	25.73774	96.89497	209.8989	124.6243	97.93806	70.08934	32.45148	189.0589	NA	38.42916	47.93942	17.55275	NA	190.0645	96.85587	207.1617	NA	301.0265	NA	81.63335	108.0186	6.779829	40.74811	8.589723
CUST_20809_PI429010886	N44098	0.00771	18	9						29.70907	37.92604	29.2332	27.72962	29.84325	22.03875	20.72467	42.98324	49.1739	44.48344	28.11091	44.4641	45.81043	41.26062	45.15073	42.21564	22.62281	22.26173	38.82258	29.99067	40.27597	20.76453	21.47442	13.06649	53.12725	22.93214	49.05418
CUST_22428_PI429010886	N48667	0.00789	24	21						6.357899	5.58378	10.41462	NA	9.138723	7.750203	4.320994	5.381309	7.184973	NA	8.530807	6.875123	8.974986	11.05033	5.322036	9.890597	12.54687	10.66328	7.591028	11.93962	7.591028	22.24767	12.71264	20.81747	20.81747	43.27178	7.52507
CUST_12732_PI429010886	N29951	0.00793	12	6						NA	11.56735	NA	25.92533	15.23856	20.44572	10.61682	29.32561	25.56884	NA	28.82389	15.22654	8.793342	11.76966	11.42268	12.83593	10.46311	13.44053	22.24073	35.62064	31.60035	15.22088	26.41986	21.41385	8.037888	15.39724	20.27391
CUST_7580_PI429010886	N21757	0.00809	24	21						29.44853	31.82901	24.10675	24.04426	29.38309	20.98222	28.29582	14.38683	23.06645	27.13598	33.58859	23.74918	15.97144	20.92648	18.7688	35.73798	39.43891	31.54852	20.74032	23.63583	21.09489	38.153	34.31018	31.65107	35.09192	31.69267	45.98092
CUST_51513_PI429010886	M93802	0.00815	24	21						77.42171	86.38663	79.043	92.85168	89.09879	91.5749	83.98715	76.674	75.01889	74.79904	66.54333	84.376	70.68641	98.85463	67.09564	83.90478	92.767	84.88556	62.48649	81.19526	79.80797	101.9474	98.53734	110.3957	94.63457	91.04016	93.62063
CUST_3456_PI429010886	N14542	0.00815	24	18						37.67574	52.70775	35.16159	28.11334	26.1905	19.99534	11.51639	32.13072	21.13597	52.62699	26.65768	52.1905	27.03609	44.19983	37.04031	61.6776	27.24907	32.21099	46.23463	53.37885	48.86699	55.78991	22.96573	50.40874	38.84613	33.35026	46.98558
CUST_4489_PI429010886	N16885	0.00815	24	18						2274.622	3416.788	2217.377	2680.458	2003.234	1846.987	1651.385	1358.952	1700.08	1898.136	2153.407	4194.154	2326.832	2226.703	3630.71	5271.276	1410.296	2727.828	2526.384	3759.753	2695.193	3756.632	1990.565	2371.653	2344.689	3303.552	2502.493
CUST_33562_PI429010886	M7282	0.00823	12	6						142.4348	1114.056	507.5628	308.3369	706.7803	1022.449	566.4251	477.9922	832.3284	535.1571	321.2041	963.151	172.498	634.6129	286.423	635.0709	276.5696	792.7128	1242.051	1068.447	1023.799	822.9643	377.1617	424.6374	127.723	279.1338	76.71565
CUST_50659_PI429010886	M90575	0.00833	15	12						14.23976	19.57173	23.531	19.20978	14.77643	18.44752	19.68628	14.11041	21.7849	18.11915	24.72623	21.83532	36.28805	28.41713	19.67357	23.14173	16.5818	24.9077	19.3883	12.38626	6.86682	22.07569	23.04508	12.98903	33.38032	13.13514	24.12066
CUST_51717_PI429010886	M94708	0.00833	15	12						67.74837	33.30259	21.45934	42.07991	28.35396	10.91255	19.38333	16.21551	23.94659	41.84554	29.55843	24.14425	37.24186	37.24189	44.44423	38.36474	52.63381	16.17036	27.25682	28.77383	22.45136	19.83086	24.50817	23.36338	5.132251	33.73933	32.3288	46.96643
CUST_10313_PI429010886	N10045	0.00833	24	15						61.97713	55.09927	43.20136	55.39377	83.63285	85.15981	72.52738	50.14002	31.55452	36.78596	88.89139	34.75551	50.67859	28.65357	27.18447	35.83833	158.9804	55.57124	39.20203	45.11939	99.66003	49.37977	63.54619	67.41389	46.89592	47.87276	36.74157
CUST_542_PI429010886	N5908	0.00833	15	12						1787.33	885.7556	11908.36	62.63918	75.72117	46.64901	3861.408	22978.37	22003.59	23241.72	4680.081	7920.23	15922.04	4667.5	2797.

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_20866_PI429010886	N44213	0.00017	21	0						173.1695	193.6314	171.6689	140.228	128.8011	143.2947	123.794	144.7517	115.5578	166.9208	146.6394	169.0651	158.2442	162.1787	129.1352	228.9547	144.9545	150.2666	162.98	144.3246	150.8016	174.6176	159.5233	186.3412	169.802	155.5106	177.0624
CUST_52055_PI429010886	M96259	0.00614	12	3						12.10565	8.261277 NA		42.60531	37.03706	53.1338	43.10871	29.28327	12.89985	20.61883	30.66153	9.891852	27.1196	8.155994	9.248628	9.093219	69.66945	38.71497	44.27177 NA		21.4795	8.978228	40.04237	65.56878	5.143659	10.22197	7.608505
CUST_56221_PI429010886	M113169	0.00652	12	9						369.8403	541.0041	441.149	198.4267	492.8667	343.6779	370.0362	294.4572	451.3005	655.5465	611.5405	780.1203	306.6802	531.2482	482.6309	596.0223	475.9462	365.3412	399.93	379.882	385.3789	366.5663	514.3336	356.8337	623.5116	490.65	589.9381
CUST_43961_PI429010886	M64469	0.00652	12	9						69.58233	83.62457	90.24634	58.28332	56.63828	82.48421	63.48536	74.08523	69.2413	91.96613	76.42859	121.1966	78.33196	84.74127	102.5106	90.73889	65.21686	88.37144	66.88544	86.54045	76.353	73.62986	74.29802	73.39754	91.25978	99.68173	99.70619
CUST_48577_PI429010886	M81122	0.00652	15	9						16.94914	14.82674	27.14824	14.88157	16.46383	8.07676	18.20163	19.26372	26.15676	29.34549	23.74624	27.89184	13.56721	38.48153	18.53904	18.42118	22.54321	17.55275	18.59558	20.01149	23.85972	22.29224	19.48871	20.09233	29.11133	26.41719	29.12589
CUST_52568_PI429010886	M97992	0.00652	15	9						823.5514	285.8071	945.2395	1475.875	1571.524	1698.659	1480.417	840.1524	391.9101	144.7304	1030.293	73.30133	253.025	87.17451	216.8379	146.0723	1038.465	928.4158	1008.511	60.54854	1492.073	96.71335	1054.702	1409.133	54.058	860.1543	66.26094
CUST_8763_PI429010886	N23553	0.00652	15	9						212.046	226.3317	309.4606	236.0009	206.9171	239.521	215.8652	265.2111	256.5714	252.8872	275.7295	271.2785	236.8108	310.7615	317.3299	298.3902	264.1236	214.4171	237.9578	245.7815	248.2061	295.4403	264.7596	242.7679	370.4089	310.6611	339.6585
CUST_17701_PI429010886	N38428	0.00652	15	9	195162849	GL26040 [Drosophila persimilis] >gi|194104227|gb			2.9E-22	32.19898	33.80408	68.00621	34.29722	27.50907	29.96643	48.23603	41.68991	46.29572	55.81208	53.64297	42.6374	37.22562	51.97626	40.54674	55.76859	38.07238	28.40026	46.65427	35.82359	44.0999	49.30624	34.70757	40.7292	72.8742	47.62717	59.07548
CUST_45488_PI429010886	M69269	0.00658	12	0						59.93656	63.06953	63.80077	40.75297	34.93063	36.42724	26.62834	52.04012	45.85649	53.33947	52.49852	79.12414	49.95028	76.44833	57.74713	61.15955	49.81881	55.53245	59.55765	58.01161	47.16593	55.25124	61.97713	45.30656	70.66973	64.45055	82.95644
CUST_4154_PI429010886	N16121	0.00658	21	18	321463817	hypothetical protein DAPPUDRAFT_306990 [Daphni	Signal transduction	Other	1.47E-33	16.78585	17.39038	16.72128 NA		10.56393	8.198298	7.198406	4.009454	6.535693	8.772272	11.58371 NA		12.38228 NA		6.098401	13.45887	15.33118	22.97006	6.27335	28.62243	18.4393	13.86169	13.51055	14.53096	23.1605	14.4666	12.73246
CUST_12488_PI429010886	N29547	0.00159	18	12	550486	pyruvate carboxylase [Aedes aegypti]	Metabolic process	Lipid metabolic process	1.53E-33	29.74822	57.28119	59.01989	24.50817	31.7359	15.37508	32.05856	52.95745	72.8194	81.9929	45.03054	66.40412	61.03938	102.3996	88.54248	71.11204	61.47627	30.66462	52.21955	80.91461	57.58322	49.42389	62.59848	17.86761	104.7208	34.78102	103.2289
CUST_14944_PI429010886	N33753	0.00159	12	12						22.2285	20.29379	30.49715	21.84546	19.75734	71.99567	16.73391	19.44948	13.67832	18.49721	18.76152	27.09043	19.34391	27.97946	24.66568	23.91343	18.02463	20.60841	13.96399	16.73527	16.45281	21.99572	31.77138	15.60189	35.05877	17.39698	35.20228
CUST_26442_PI429010886	N54251	0.00166	12	0						52.38415	100.4445	64.45055	60.77185	54.63526	88.58239	40.38893	50.32801	55.19772	62.25774	40.55619	69.16053	69.05841	57.65114	67.68545	72.06797	49.43857	59.63236	43.88802	47.51659	53.41262	59.88574	46.55609	44.79489	63.06213	83.88709	79.32298
CUST_38739_PI429010886	M29814	0.00174	12	9						146.9588	466.1947	470.5429	39.83835	88.58239	102.9429	305.8476	566.2341	246.8318	221.5886	413.616	518.0097	303.6686	656.3922	381.498	124.0862	140.194	152.8418	255.5791	171.2801	164.7416	167.9263	485.2905	172.831	233.1687	216.6058	172.1829
CUST_2498_PI429010886	N12506	0.00178	18	12						276.7604	255.6621	263.6735	212.7113	254.5885	200.041	278.8318	217.0982	225.2357	332.8163	228.1824	341.396	287.8054	298.6335	312.5863	408.9972	262.7247	321.4904	269.9093	300.7234	208.9685	327.471	215.7896	182.7885	324.4624	247.2726	283.5999
CUST_42781_PI429010886	M61244	0.00178	15	9	321465515	hypothetical protein DAPPUDRAFT_213935 [Daphni	Metabolic process	Cellular amino acid metabolic process	1.01E-63	395.4574	478.2055	478.074	357.2284	348.5888	308.8474	334.9967	347.9148	409.8763	533.2467	413.1358	689.8687	527.2284	505.7885	420.1077	545.6531	325.4382	369.6113	418.9595	404.5388	374.9864	579.3813	371.4969	364.7093	480.4111	447.7446	703.4699
CUST_11943_PI429010886	N28668	0.00618	15	3	506968565	glucosyl/glucuronosyl transferase, partial [Coptoter			2.04E-13	7.08513 NA		11.96331	16.53332	15.82118	44.12842	28.64876	32.02557	11.32653	7.058007	13.63796 NA		3.855888 NA		4.36281	4.985952	41.47082 NA		13.7932 NA		18.5331	5.849038	9.898027	14.74027	4.281876	14.75975	10.1858
CUST_36255_PI429010886	M15192	0.00682	24	6						90.33731	88.51347	89.06701	77.02903	90.16303	92.71397	113.525	105.1255	106.0522	111.4235	83.77617	86.9841	88.47454	94.95262	81.89181	71.47658	89.24114	88.22213	129.3708	72.24742	69.20227	74.19557	70.7847	75.11707	134.2151	97.89619	98.10524
CUST_55491_PI429010886	M110344	0.00686	18	12						103.7863	108.8762	106.872	72.58192	93.17664	109.4643	75.32357	124.1467	103.6413	113.1145	101.9474	186.2587	118.1291	122.1911	132.0478	111.2335	98.31044	103.2411	85.75328	100.999	136.4264	73.06271	96.09446	100.7206	126.2324	96.24145	125.6996
CUST_43543_PI429010886	M63316	0.00686	18	12	321479162	hypothetical protein DAPPUDRAFT_300149 [Daphni	Metabolic process	Lipid metabolic process	8.34E-35	13.95459	19.94541	10.27406	5.070641	8.39917	6.446625	12.83593	10.19353	13.69809	5.65908	17.07869	29.42815	23.2298	14.68459	15.62557	14.07729	16.7648	15.61612	9.183116	31.01661	15.82118	10.17778	14.02882	8.724159	9.03621	11.23137	22.57105
CUST_12686_PI429010886	N29879	0.00826	24	15	405953771	Proapoptotic caspase adapter protein [Crassostrea			9.35E-07	112.0385	106.3073	93.68609	87.21952	84.19357	112.9419	92.24128	89.58206	85.39372	127.001	110.0483	122.7676	102.0005	130.5118	148.6917	136.023	101.7859	142.0255	94.34866	133.6264	94.62564	141.3142	115.1051	109.0299	103.1223	91.17869	104.8809
CUST_44960_PI429010886	M67539	0.00223	15	9			Protein metabolism	Proteolysis		68.64401	56.60227	112.9777	48.26894	43.60712	66.48727	92.95468	66.37927	77.23163	100.1395	64.3699	89.07632	65.36594	100.9197	73.21264	76.73952	82.02338	68.77033	55.07125	59.99021	69.43885	89.60537	62.34386	67.95716	113.6765	113.4502	
CUST_11946_PI429010886	N28671	0.00223	15	9						13.0523	12.19257	22.94537	8.548078	11.44011	10.54982	10.80445	12.49899	15.88699	23.38375	23.74079	24.04687	8.343945	26.21095	6.459201	17.22867	15.73231	18.21981	15.35498	12.37644	16.07261	14.83326	14.66496	17.37482	21.92896	20.54425	20.34669
CUST_36105_PI429010886	M14643	0.00234	24	18			Metabolic process	Other		11.55545	20.93093	15.82289	8.833142	10.35656	10.57226	5.560048	16.62548	9.262293	18.84012	10.05594	18.11507	13.92172	17.18186	12.1506	11.87443	12.85382	11.38971	20.27043	24.38309	23.28835	24.2722	19.19934	9.216332	12.75137 NA		16.20103
CUST_33959_PI429010886	M8365	0.00246	15	9						11632.77	5162.076	20339.21	705.3837	1606.601	957.2333	16451.67	29696.39	27353.46	35362.62	13487.6	12465.11	25546.19	37561.18	19773.16	5811.899	21690.05	4150.569	10341.13	14744.71	7654.795	24915.2	25081.91	3546.259	42140.05	10044.17	38256.92
CUST_42230_PI429010886	M59742	0.00265	24	6						70.52611	73.74514	70.96812	62.83219	62.79742	52.44678	75.16935	42.61497	41.44605	73.05011	70.80885	71.45222	56.57261	74.08523	64.49483	90.77809	48.68836	82.00472	84.36786	78.43466	70.90857	75.84454	67.59725	42.47769	84.56429	61.93065	72.37554
CUST_32628_PI429010886	M4628	0.00274	18	6						300.8257	235.9095	265.8178	276.5189	292.258	205.7973	320.6371	294.596	329.4092	208.552	213.3434	264.7036	165.7579	178.2839	185.2639	381.2578	190.0374	177.7855	202.7615	186.1374	185.9383	529.0811	74.7945	320.1726	376.9333	204.0536	307.9072
CUST_46243_PI429010886	M71924	0.00628	15	12						26.82962	31.47236	26.08148	19.63631	25.45721	20.37385	21.03821	27.90958	37.13409	34.47823	25.53913	55.48383	31.49741	45.83957	48.83879	55.2223	11.11646	28.99859	23.88015	27.99312	32.55113	33.1071	34.02862	12.03892	38.58794	37.46264	52.63381
CUST_17420_PI429010886	N37933	0.00682	24	18						5.104542	77.85613	37.32162	25.36775	23.34857	7.424309	5.79109 NA		6.199171	16.55361	18.83592	32.40014	35.00193	63.62137	53.02384	42.28532 NA		38.93621	48.99962	40.95384	52.8351	45.45196	24.03945 NA		56.52083 NA		15.3003
CUST_39841_PI429010886	M21326	0.00686	15	9						1.2223	972.4333	827.8275	397.2204	400.5132	8.516835	93.01036	655.2712	2782.19	2618.901	1660.585	3446.227	1325.963	5197.227	2659.902	877.9874	286.8668	598.3924	608.8662	1783.178	124.1385	2321.278	1883.6528	4464.413	3597.224	6779.053	
CUST_1841_PI429010886	N10861	0.00625	15	9	321466121	hypothetical protein DAPPUDRAFT_305875 [Daphni			9.61E-09	265.8178	568.2036	685.806	144.9923	85.19825	27.17188	127.2103	385.3789	669.0767	1122.017	443.5662	667.377	857.1846	550.4344	634.6129	581.4141	281.5398	293.8787	384.8393	1278.963	372.1569	1025.99	645.7634	30.45027	1265.003	829.8828	1401.401	
CUST_5124_PI429010886	N18289	0.00625	15	9						105.3783	119.0396	121.7904	79.92252	122.0182	87.13975	97.00878	117.5061	108.4414	146.722	132.8611	167.982	97.63395	144.3781	115.5186	118.3356	97.29292	119.2118	87.2755	133.355	118.1291	122.1353	153.7764	118.2899	133.6264	133.9495	147.3934
CUST_9618_PI429010886	N24937	0.00625	15	9						41.16894	47.11613	34.61308	28.41001	32.3288	29.8401	35.42916	30.3584	34.52588	41.73275	39.91268	45.488	33.64032	31.59756	22.3581	36.69017	31.23112	35.31167	22.29224	39.31465	30.40899	36.63495	39.8043	19.07608	51.21719	38.83398	43.33061
CUST_39980_PI429010886	M47787	0.00306	12	0						2506.708	7950.432	3053.471	2423.127	2235.234	1366.468	1333.908	1665.324	2303.489	4998.753	3074.469	6709.279	4715.889	5868.528	6511.817	6388.757	2179.192	2997.206	2935.657	5830.309	2176.36	6189.048	3134.449	2430.624	4887.374	7617.588	6536.631
CUST_21024_PI429010886	N44494	0.00314	15	9	351699829	Glucose-dependent insulinotropic receptor, partial			2.77E-09	78.88657	154.5663	155.1312	15.24921	42.70658 NA			35.28275	152.8418	153.5797	309.6337	146.0723	252.7105	201.9396	196.0648	156.0301	213.366	56.15273	90.18249	61.53357	235.7566	62.00733	300.0118	284.1366	15.96673	297.4174	189.3668	313.7524
CUST_21365_PI429010886	N45089	0.00317	18	3	443687473	hypothetical protein CAPTEDRAFT_197462 [Capitell			1.31E-08	14.85935	22.04311	9.303154	20.08306	22.85484	16.72995	13.72321	19.56884	10.80561	18.40232	9.125404	16.1574	8.381146	6.834339	9.47114	18.90775	19.12864	15.73595	11.64631	9.508624	7.895988	20.04961	15.24563	25.60611	17.14965	11.9615	22.86232	
CUST_47847_PI429010886	M77826	0.00322	24	21						79.45781	76.15742	68.6762	88.23558	83.71896	75.09478	65.94453	62.10992	88.4462	79.66167	80.43582	102.3996	62.77579	63.97505	64.14066	119.5708	87.67204	105.779	89.31811	107.4983	102.17	116.5044	93.83775	103.2665	102.1823	90.74799	93.6434
CUST_39822_PI429010886	M45222	0.00324	24	18						936.7815	1407.359	1199.593	1045.15	1073.06	892.3589	857.3719	837.1072	928.6222	1073.06	1129.308	2142.216	1135.012	1246.008	1407.359	2319.618	826.6639	1256.084	1350.099	1593.287	1417.942	1705.674	1045.788	1092.486	1541.439	1614.966	1565.628
CUST_13755_PI429010886	N31716	0.00333	24	21	291235351	PREDICTED: zinc finger protein 347-like [Saccoglossi			2.25E-22	46.06239	58.23835	45.215	36.02039	39.83487	30.8467	28.73729	23.22056	34.0469	42.85678	43.05742	73.42972	48.50963	55.26178	47.77313	58.67101	24.65264	49.34012	54.58654	46.84888	40.63191	53.13993	53.08483	53.68104	49.07171	48.80606	52.04647
CUST_12556_PI429010886	N18174	0.00333	24	21						113.1955	113.0468	119.6528	91.94088	95.33487	124.009	100.566	101.8114	112.6104	112.5793	84.11567	139.0764	95.32771	38.59967	139.7005	141.6128	112.4114	112.6471	117.3725	150.2685	114.6697	123.5506	114.7173	155.2184	114.6697	123.5506	150.2685
CUST_5288_PI429010886	N18496	0.00343	21	15	321473690	hypothetical protein DAPPUDRAFT_209558 [Daphni			1.33E-47	58.01793	47.25743	32.94683	31.96544	40.1699	25.13331	38.91166	43.77433	48.17521	39.71396	48.51868	49.07171	44.81799	45.78676	48.84923	58.51806	45.18256	54.93851	50.00256	65.02562	35.30842	52.47732	39.91731	41.99242	53.8203	32.10055	22.9227
CUST_6510_PI429010886	N20195	0.00344	21	0	225711550	U7 snRNA-associated Sm-like protein LSm11 [Caligu			2.39E-10	9.209552	26.21095	19.4114	38.57925	16.28372	11.64186	13.06014	8.650339	14.11041	21.84747	7.93225	14.41094	7.941557	7.979138	6.235994	18.91214	9.365159	10.17778	4.99995	18.97668	22.27554	21.9208	22.40881	14.53728	21.66199	21.86875	9.200881	
CUST_26635_PI429010886	N54587	0.00347	15	12						94.1523	183.8412	192.0215	92.38118	110.5098	62.68635	113.6358	161.2704	196.5633	285.3755	115.5578	281.874	219.9262	214.7331	189.3407	116.1614	136.6377	133.298	121.5266	195.8383	88.34755	168.0579	145.1035	109.0449	143.0236	103.2645	177.9987
CUST_38346_PI429010886	M25696	0.00347	24	21						162.1995	252.2065	210.2883	207.7149	254.1554	262.9091	160.2794	138.6787	150.0945	204.7885	170.8572	188.9774	187.2169	277.0077	220.1671	243.7531	212.9538	235.3617	185.5006	285.5481	272.6795	310.0812	226.2023	233.9751	238.6573	189.7386	202.6087
CUST_36577_PI429010886	M16281	0.00355	18	15						76.06574	137.1593	25.0475	115.6759	144.5809	48.8316	6.453334 NA		7.004476	37.88861	77.39915	55.07968	104.4054	349.0566	196.129	207.2391 NA		178.6841 NA		539.1803	135.061	631.4343	25.09429	114.4015	140.0012	7.648203	6.054897	
CUST_4345_PI429010886	N16556	0.00355	15	12						586.0335	307.6894	6490.163	25.73562	20.33108	7.634015	1522.93	10597.5	9638.897	9358.113	1890.591	3048.703	6247.817	16607.59	9433.107	821.0172	4711.518	291.2799	1119.759	3879.679	422.2989	12273.46	11089.86	273.733	14629.47	709.2	15133.65
CUST_17655_PI429010886	N38355	0.00355	15	12						279.0433	69.56934	3084.768	33.79348	58.51806	48.68836	867.8685	3022.502	2651.764	3111.72	360.7942	558.6606	2818.479	7383.427	2287.157	205.5955	1388.938	91.97543	445.8485	544.3999	290.2221	2370.125	4627.233	167.9263	5848.791	581.1144	5167.16
CUST_18013_PI429010886	N38997	0.00355	15	12	195572001	GD20723 [Drosophila simulans] >gi|194199915|gb	Cellular Process	Cell differentiation	1.67E-14	38.40419	30.27191	45.53479	38.58369	31.86956	25.59155	41.46065	31.24239	37.34183	42.53339	34.91364	39.98138	37.14124	54.21273	48.70779	43.72859	33.33635	34.59277	33.53684	35.11564	32.35284	41.66889	30.97619	36.63495	56.46018	41.80062	66.57113
CUST_7215_PI429010886	N17727	0.00355	15	12						14.68971	22.01737	17.08729	14.8732	12.76972	3.782841	10.28851	7.480574	7.902818	21.18145	7.920199	8.608528	6.509926	21.32852	11.81798	9.861478	11.00147	11.75321	12.26439	12.26439	12.26439	12.26439	12.26439	12.26439	12.26439	12.26439	14.01751
CUST_33721_PI429010886	M7706	0.00364	18	3	342326264	dystroglycan [Cherax quadricarinatus]	Developmental process	Nervous system development	1.64E-35	74.06105	65.46343	90.97139	72.72106	82.67004	85.64499	68.88215	85.36118	116.4584	70.11707	72.52738	82.69106	61.95712	93.37534	66.7414	60.53815	70.83788	58.90324	61.19321	88.20739	81.86063	101.7598	86.15616	328.0964	75.46943	108.4668	111.6027
CUST_53493_PI429010886	M101958	0.00366	15	9	321464775	miniature spindles-like protein [Daphnia pulex]			3.97E-21	24.85691	26.48449	19.91752	16.18956	17.93968	18.64838	24.7458	20.22864	19.73697	28.53867	28.32194	20.05897	21.56178	22.93702	24.6038	24.4538	19.03542	18.69291	30.24809	18.34511	17.36105	22.11953	25.04386	20.07409	29.59116	20.16106	26.92163
CUST_4852_PI429010886	N17616	0.00366	15	9						69.06525	60.5193	78.43466	57.51717	58.01161	52.88081	59.81399	70.02583	60.07014	66.22546	57.16139	83.48682	54.87756	76.19351	80.32797	59.50688	64.73185	76.48318	58.4895	64.88975	58.0658	63.37918	63.13278	60.12109	80.89652	70.98423	98.05949
CUST_15736_PI429010886	N35052	0.00366	15	3						16.0016	10.24643	19.99534	19.87525	23.92874	21.71424	16.26691	25.80044	12.68586	17.07869	14.45421	7.341025	17.2249	17.54669	3.621244	17.64732	22.36394	7.753636	26.9442	23.84339	19.29786	18.64626	10.95668	9.207048	12.62711	15.14895	16.70546
CUST_11889_PI429010886	N28579	0.00375	18	15						1276.669	1548.599	2323.132	786.706	953.2915	921.6949	1321.79	1557.483	1955.85	1888.53	1975.879	2596.508	2035.189	2462.824	1781.492	3474.89	1903.519	2155.605	1837.082	3296.897	1092.036	2115.987	1335.109	1138.397	2826.022	1542.262	3456.298
CUST_3138_PI429010886	N13881	0.00391	18	6						41.15689	19.27537	350.7295	26.60971	50.57001	47.01326	104.4054	490.65	335.5871	360.5617	73.0191	79.82568	303.1495	695.7952	142.8727	45.18835	188.4563	64.87589	29.71896	57.76414	36.08462	174.0729	660.0703	41.20843	499.6354	76.26718	594.8858
CUST_27738_PI429010886	N56611	0.00398	18	12						6.105375	20.79184	23.94925 NA		7.107009 NA		18.61312	16.00911	22.59879	15.75973	7.608505	21.41052	145.4633	129.4911	87.46258	109.812	37.81058	3.58299	16.02173 NA		11.74472	6.797558	10.16422 NA		43.1379	15.29079	85.0717
CUST_28506_PI429010886	N58079	0.00401	21	9						10.00867 NA		12.17439	14.09753	9.911889	11.50819	5.921666	14.94106	16.51187	15.05054	10.37845	21.08802	8.395664	21.36888	18.47842	12.45001	8.405253	10.84532	5.960341	4.695828	7.325414	9.583323	5.075645	11.77781	15.7789	14.09025	23.05184
CUST_25833_PI429010886	N35937	0.00401	21	12						64.51739	41.22377	65.60495	49.28537	51.5698	44.58572	51.32807	57.84331	51.14292	83.32632	52.32895	79.41612	64.64151	82.50766	58.17945	61.8804	52.33257	47.80833	47.80833	47.80833	47.80833	47.80833	47.80833	47.80833	47.80833	47.80833	63.62685
CUST_1315_PI429010886	N9258	0.00419	21	3	8134678	RecName: Full=Semaphorin-1A; AltName: Full=Fasc	Developmental process	Nervous system development	2.26E-07	45.65065	49.69905	46.46451	59.57796	40.59908	66.32011	46.42845	57.46153	56.03701	48.41112	61.05172	44.89448	30.72781	42.26034	40.42785	46.64388	45.60489	64.40125	38.41931	42.15075	45.01151	44.36476	57.14083	26.8214	64.42438	65.53578	60.61979
CUST_45547_PI429010886	M69440	0.00421	24	6						46.67338	33.8524	84.89465	46.05816	55.784	36.34355	72.1095	154.7269	90.95085	60.29973	74.57029	89.4807	84.27092	83.19226	63.43062	33.32019	61.88462	34.61308	42.65121	140.9164	49.54555	23.9514	39.36593	39.86189	44.64991	62.74739	78.54463
CUST_17920_PI429010886	N38834	0.00426	21	15						23.34607	17.96838	19.51952	9.588389	11.66524	9.118641	18.79454	10.54492	15.23856	19.79173	13.8081	17.95297	12.10209	12.1856	23.44542	23.04237	21.55311	21.58663	9.250124	17.85771	17.07004	17.89993	16.9342	24.04687	15.21068	14.34109	8.334073
CUST_52629_PI429010886	M98230	0.00434	24	3						14.69744	68.93293	10.39612	14.54491	7.462253	13.52517	10.98836	13.08861	11.42997	14.73662	6.920375	6.115219	9.227326	5.526487	44.41825 NA			9.591065	5.032873	17.73942	7.090444	16.3293	10.83121	8.14537	22.43497	28.03356	19.92894
CUST_49532_PI429010886	M85988	0.00438	15	9						42.34931	42.21564	78.60763	27.23432	30.4923	27.77246	38.57925	51.14292	65.11259	58.99785	43.72098	62.90962	46.06229	49.42389	52.73715	55.58103	79.84151	27.28673	41.61311	36.05134	27.34913	69.28978	72.06797	42.82987	99.79034	37.22874	81.92913
CUST_6429_PI429010886	N20090	0.00438	15	9						11545.02	19438.74	13887.31	10915.56	10866.21	8327.109	8675.932	13602.1	14970.57	18150.31	12884.64	19626.64	13124.49	14950.27	14446.35	18661.44	9046.466	12762.11	12313.28	16841.23	11122.77	19067.23	13438.24	7985.61	20967.97	19491.76	17752.88
CUST_23457_PI429010886	N48864	0.00438	15	9						45.25874	60.8738	62.46895	46.44979	37.15259	50.65259	50.8348	72.51875	43.73443	69.72006	41.82009	73.65478	45.80703	49.01735	53.10218	50.67859	53.26328	53.84859	32.94363	32.21966	44.0607	80.15845	47.86055	56.9818	68.25442	57.55495	85.27513
CUST_29490_PI429010886	N59966	0.00438	15	9						67.89962	83.70947	85.62903	63.37317	60.24939	65.04228	66.35653	69.15357	90.28628	111.1756	82.55661	91.51834	76.20212	106.023	58.93488	76.07766	72.64262	76.69694	69.44924	78.79452	95.60632	80.91461	102.3423	84.56429	110.5811	91.11943

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_53729_PI42901886	M102951	0.00678	21	0						25.82466	24.59907	27.32319	17.53198	17.37759	20.92107	19.34576	14.07257	18.84012	30.14891	14.49351	17.73942	16.02003	20.63783	13.35309	17.35771	15.2558	16.69775	20.18733	11.12231	27.39567	27.24092	45.31583	NA	23.82763	16.49562	20.55453
CUST_55517_PI42901886	M110493	0.006784	12	3						23.35223	22.69042	12.35967	54.0716	17.77636	47.8959	18.72259	17.21639	17.86172	14.27753	21.76863	16.37326	16.35182	13.90998	11.03355	56.72941	25.6683	27.71495	17.51958	20.54194	23.52604	9.748744	23.063	13.39856	16.58396	17.96537	17.68838
CUST_3568_PI42901886	M10476	0.006784	12	3						60.5435	53.84406	49.06607	70.29196	80.12587	98.4006	90.38098	84.04828	60.15877	45.05092	56.84346	56.06457	55.49391	36.85933	51.18041	55.55874	111.812	70.13141	91.04016	37.68293	79.18359	33.20988	50.52879	60.07749	49.39411	57.06419	51.75281
CUST_13388_PI42901886	N31097	0.006784	12	3						64.56424	36.00905	27.76975	48.59467	36.29122	47.25743	45.10479	50.41387	33.23976	22.04791	22.38395	20.08892	32.49365	28.59732	43.60712	43.15798	44.58945	45.24787	51.62109	22.93702	26.0929	40.62219	19.6024	35.34065	33.72145	22.82168	28.33698
CUST_1239_PI42901886	N8980	0.006784	12	9	117067248	ribosomal protein S26 [Branchiostoma belcheri]	Protein metabolism	Ribosome biogenesis	2.29E-33	23.74918	15.70949	28.6993	10.43918	16.81213	9.857121	19.75359	13.22099	26.2515	23.45456	23.09298	30.30557	19.08808	24.99293	23.94321	20.9065	15.74591	17.05513	84.2393	24.03945	27.21328	23.73784	44.03947	27.67304	22.53922	19.48765	29.01971
CUST_33001_PI42901886	M5680	0.006786	18	0						18.62971	24.97756	22.58247	18.59144	18.94364	16.5596	7.857013	13.45546	7.329225	8.00182	6.962498	16.60676	12.63007	9.188895	15.96275	7.591069	6.263837	14.05746	23.52324	17.5614	17.63842	15.99247	NA	5.929425	22.47468	14.75649	10.38108
CUST_37566_PI42901886	M19521	0.006787	15	9						NA	77.20798	23.20138	111.7362	116.516	32.69174	60.17363	296.6828	221.8177	52.801	512.1412	633.1858	338.7294	51.83879	243.8404	24.73831	89.57185	10.78772	42.42919	787.1975	178.7689	NA	123.8883	140.2611	NA	340.3246	162.6703
CUST_27331_PI42901886	N55858	0.00679	18	12						618.3611	367.1896	448.4129	207.128	279.387	316.8471	320.2376	256.6496	390.7936	353.0021	327.471	236.4903	370.9949	480.8955	423.679	626.4662	204.7885	314.3091	309.8242	344.803	354.0483	252.4954	194.605	222.0782	248.0331	344.8512	400.6975
CUST_50150_PI42901886	M88826	0.006802	18	3						67.1407	44.01861	69.25418	113.8871	29.58843	156.6764	17.75695	36.07274	13.87032	15.99616	54.35449	13.65696	17.15304	8.732125	23.38375	57.05842	114.9975	93.99876	85.0717	26.11231	92.18368	69.65017	38.67688	138.7005	45.23797	27.09726	32.08077
CUST_45946_PI42901886	M70838	0.006805	15	9						39.49607	48.49058	50.02767	55.95565	44.64991	68.92299	43.48424	63.40813	79.21035	66.51353	60.03661	107.0039	64.70488	92.07382	44.88618	80.42722	59.49267	89.01214	36.03165	56.03237	49.96135	55.98779	70.46014	84.30944	94.91653	84.09478	89.65503
CUST_36314_PI42901886	M15551	0.006811	21	3						529.7833	974.9401	778.2204	662.7679	914.9994	1076.18	679.1732	514.6723	600.4305	586.9437	273.965	716.0786	207.4294	713.4223	286.6682	448.9486	292.413	512.6993	113.6252	511.9204	1019.767	592.3414	1044.227	477.5078	962.2957	1032.594	564.2409
CUST_18902_PI42901886	N40617	0.006812	21	18						32.42053	31.721	42.87529	38.57556	27.83166	35.82359	20.97008	19.78047	24.3684	30.96855	33.61051	27.49426	17.84645	30.29627	15.39724	32.01382	42.28532	13.52947	38.81815	47.26147	55.07968	26.30031	43.31707	24.76468	41.62253	38.78083	31.43244
CUST_32833_PI42901886	M5219	0.006825	18	9	512899738	PREDICTED: uncharacterized protein LOC101074138			6.72E-20	426.2225	150.2252	243.5502	93.09068	120.7611	132.6901	148.3091	153.8239	186.2582	157.5293	164.4877	170.8572	137.8813	154.7047	157.7661	146.8304	102.9667	134.7073	119.4111	114.0301	133.4052	126.5253	123.6853	126.1505	140.9929	102.1933	139.9664
CUST_13796_PI42901886	N31789	0.006829	24	21						20.39383	33.18183	27.30432	20.00172	19.46833	15.68356	12.99168	19.65423	19.03935	19.42074	15.35699	40.34341	19.17918	22.72662	19.48977	20.30399	18.54361	27.88257	20.99763	14.68043	24.56592	26.10123	28.46316	27.80573	27.25936	20.94928	26.07451
CUST_29013_PI42901886	N59027	0.006837	24	15	241569831	conserved hypothetical protein [Ixodes scapularis]			9.51E-10	31.6312	24.52916	33.26161	21.70241	21.63197	25.1358	20.85646	26.01055	25.67033	32.10959	27.30762	33.23109	27.10885	44.36476	40.16678	37.32162	45.49623	30.47678	28.34801	30.10596	24.69322	27.28341	34.18144	35.95633	32.73413	23.84861	37.72041
CUST_35597_PI42901886	M12985	0.006852	15	12						366.8876	303.2078	441.9667	215.0865	290.5429	375.8398	394.7994	296.8833	340.4766	376.7168	340.9466	467.665	406.7395	535.4947	431.462	432.0274	392.8804	498.1212	296.3167	276.0613	332.0008	497.8615	453.8761	403.8464	398.6724	245.2785	379.2136
CUST_5305_PI42901886	N18519	0.006854	21	15			Metabolic process	Cellular amino acid metabolic process		1762.677	1726.714	1383.212	1464.638	1926.251	1433.182	1603.184	1150.815	1023.389	1569.266	2077.773	1325.963	1313.707	1349.576	1465.818	2046.644	2368.476	1593.287	1909.916	1738.403	1747.319	1870.503	1546.55	1818.602	1472.72	1081.105	1278.963
CUST_32393_PI42901886	M3994	0.00686	12	9	321465430	hypothetical protein DAPPUDRAFT_55135 [Daphnia			2.59E-32	83.34341	66.70229	136.3105	49.39411	31.82653	32.15824	93.03197	85.65603	106.7397	97.55406	85.72992	86.5251	100.2495	102.9429	73.51179	75.5762	65.08584	38.2775	47.61035	80.75638	71.49639	130.3093	138.2766	54.90496	85.59472	64.55134	133.0251
CUST_33072_PI42901886	M5899	0.00686	12	9						446.4087	485.0905	988.4432	261.767	358.4672	322.9938	437.1883	375.4169	399.93	746.6817	591.2615	533.4173	386.3769	372.7554	595.1496	628.4644	340.1148	385.2863	279.2335	487.5504	321.803	477.2259	690.4518	683.9239	571.296	360.7127	669.6491
CUST_4255_PI42901886	N16333	0.006861	24	21	242023499	conserved hypothetical protein [Pediculus humanu			2.55E-44	60.28718	70.41805	72.78887	50.78563	59.04082	77.36396	54.5227	41.07674	57.10862	55.04733	56.86246	65.77588	63.25496	73.84429	59.18336	69.08039	75.43095	84.48505	67.69277	69.44924	44.22632	69.11088	71.31512	79.86307	70.35427	73.71983	65.08
CUST_15118_PI42901886	N34038	0.006861	24	18						238.5792	216.1856	203.6685	165.7374	220.6157	230.7819	130.3093	140.6597	142.7994	200.6981	183.7339	233.6523	158.5656	214.2583	258.8229	279.4425	204.4226	305.0519	211.9851	247.3742	218.9157	313.7524	237.9979	204.1442	289.5961	196.8321	225.9932
CUST_47272_PI42901886	M14251	0.006871	24	9	321476689	hypothetical protein DAPPUDRAFT_306461 [Daphni			2.8E-11	46.04576	52.35268	34.97555	66.78152	102.7268	69.19616	69.72006	72.14089	60.62589	112.8577	73.89571	65.69899	106.064	63.09095	54.50124	44.01036	48.45867	50.10276	53.38747	59.46938	70.20247	85.84413	67.77403	65.31793	67.74837	36.08462	29.43141
CUST_24992_PI42901886	N51598	0.006894	21	18						9.624456	12.5427	NA	13.91491	6.852264	19.31076	5.612977	5.927029	4.586506	6.310118	3.474911	13.29917	9.002381	7.874648	9.096353	14.35036	5.880062	16.87359	96.97877	7.15372	NA	10.54822	NA	12.58519	5.986624	6.040843	6.725658
CUST_9895_PI42901886	N25368	0.006894	12	9						8.306883	7.090444	8.559956	5.906131	4.111178	7.497984	7.215021	5.257423	11.93851	8.956327	8.051681	11.3111	4.210974	9.376909	5.632763	7.490316	3.571577	4.140048	12.46576	NA	NA	15.56439	11.51059	9.078323	8.672182	10.15583	4.696595
CUST_15515_PI42901886	N34707	0.006899	21	3						7.520119	6.486483	12.32751	NA	9.040661	7.501961	13.60386	9.889085	5.861533	5.36304	6.759208	13.97554	7.599564	8.73928	6.454629	5.765307	6.243139	NA	6.321742	5.051185	NA	6.42121	8.486348	NA	12.36405	14.17029	11.82406
CUST_40873_PI42901886	M56275	0.006909	21	0						267.4897	263.1737	286.2536	210.3141	190.201	187.4537	221.6459	229.9104	254.7271	254.0567	227.4855	264.5866	209.0287	282.6926	276.1481	230.4163	221.1299	228.6997	232.8505	290.3277	258.8731	254.3377	262.1121	230.8944	314.7546	213.366	336.4126
CUST_4787_PI42901886	N17476	0.006917	18	15						138.2104	186.8543	166.4042	124.3644	165.9249	182.9432	129.1185	119.9711	118.5941	150.2035	203.1221	247.961	149.7495	173.1369	164.9826	214.6269	203.4225	145.9962	187.3568	185.2639	186.6799	137.3696	178.147	117.5843	120.0958	166.5598	160.2379
CUST_25340_PI42901886	N52227	0.006917	18	3						120.9878	64.38672	115.9016	102.5891	109.3451	130.357	120.446	91.80446	87.03787	97.42055	83.63981	61.5685	74.18015	91.05924	101.7598	112.1982	117.2885	100.8857	97.51669	89.87648	87.10078	102.0348	117.3642	132.9869	93.11072	87.31709	101.5804
CUST_3270_PI42901886	N14151	0.006918	6	6	321463133	hypothetical protein DAPPUDRAFT_307488 [Daphni			7.32E-16	73.53135	39.93503	59.18336	61.45036	52.92115	89.13187	136.3625	143.1502	99.15143	228.3136	109.2818	123.8729	106.6494	104.474	109.3629	69.18246	106.5468	89.82702	125.5654	135.3289	205.6958	182.2638	136.7912	97.71155	66.86178	95.13953	117.3497
CUST_14551_PI42901886	N33066	0.006922	15	3	328791459	Apis mellifera tricornered (trc), mRNA	Protein metabolism	Cellular protein modification process	1E-72	67.97289	53.88401	37.72041	72.62704	63.59288	61.40092	51.70242	30.65659	45.75251	52.79221	52.7291	42.02786	43.15798	48.9688	51.24109	59.81399	43.93802	58.27928	56.14691	77.06228	62.19839	86.9224	54.27183	35.15108	53.44251	31.07494	40.46782
CUST_32315_PI42901886	M3783	0.006937	12	9	48130104	PREDICTED: enhancer of split mgamma protein-like	Nucleic acid metabolism	Regulation of gene expression	3.7E-48	208.9109	439.0329	392.9826	264.6314	172.8115	140.7358	211.2718	319.6424	369.6113	381.2578	282.3655	450.9914	249.2507	373.6035	291.5938	285.421	312.3142	235.4879	232.5216	356.7855	319.0907	394.4542	464.198	344.5306	284.7376	447.9329	443.1374
CUST_12501_PI42901886	N29563	0.00694	12	3						65.66431	80.57644	27.11255	195.7607	161.2028	283.6942	81.25969	79.96242	53.50545	49.60877	63.07552	44.11042	71.20471	90.64646	52.54081	132.7469	122.4345	194.9822	141.3582	98.6386	60.19936	153.0541	38.12809	147.0578	71.9913	111.4345	37.68617
CUST_13121_PI42901886	N30610	0.006949	24	21						53.03364	105.798	122.3475	47.32005	61.75898	59.80641	53.02384	54.78436	47.29592	72.73775	65.9084	69.28978	66.1724	62.23675	66.77508	75.7868	64.83984	67.94324	62.85713	75.33028	72.3532	80.21197	85.77984	69.69491	101.6948	71.73241	97.95028
CUST_1180_PI42901886	N8763	0.006949	24	21						90.3266	140.0797	131.7341	77.70756	113.0678	81.89953	77.52659	100.3487	73.57494	144.3781	76.73952	92.48444	80.61162	124.1278	106.298	106.6808	94.1523	112.7504	98.15841	103.9891	125.099	107.955	137.1423	130.4682	123.7403	129.772	127.0219
CUST_43090_PI42901886	M62047	0.006964	21	0						66.96201	65.6996	68.41788	53.88876	63.77772	69.58233	63.39049	50.76541	57.39301	64.73839	63.77772	64.64151	40.96307	58.88281	46.17776	58.66026	53.9397	51.32239	55.87623	51.82417	55.21772	63.70207	69.45519	72.41676	69.25418	46.78356	59.9559
CUST_25501_PI42901886	N52533	0.006972	21	0						118.7356	86.66049	80.61916	82.929	128.3615	91.6735	70.99743	59.86271	22.29454	96.58099	54.87191	58.49978	48.53823	44.09424	42.42487	98.87521	103.0243	77.3067	85.90922	39.20847	59.17148	110.1779	75.75327	119.6154	136.2681	67.82256	68.66167
CUST_50998_PI42901886	M91728	0.006993	21	12						771.6454	977.0262	1033.757	983.2431	1409.58	789.4136	1050.96	3917.614	3511.533	869.992	3269.374	5609.183	3790.041	1099.991	2593.467	1206.475	1703.115	1154.447	853.6849	8515.08	3202.001	841.7695	938.6625	992.543	1022.691	2232.866	2500.44
CUST_31456_PI42901886	M1564	0.007009	18	15						87.99607	79.41411	57.07573	50.68803	68.17959	52.17878	58.22303	67.16356	73.35296	87.6188	74.63865	73.39754	63.98224	60.66262	80.4086	101.7048	70.7166	71.07061	66.57113	100.2724	49.16013	52.99425	48.33175	43.21618	83.63981	45.3248	58.09597
CUST_32674_PI42901886	M4771	0.007009	18	3						92.90826	39.0714	45.82436	109.5173	93.96395	54.28784	103.9053	52.18439	20.31875	27.9603	41.73826	24.25592	39.02375	36.64988	28.02553	39.73588	132.7602	54.21273	103.1763	16.24458	51.31053	53.41869	84.54494	89.81869	34.91043	43.47138	25.55814
CUST_30583_PI42901886	M62169	0.007013	24	9						27.55378	12.87509	27.14069213	19.66959	14.24194	16.06834	10.11651	20.5737	21.70044	28.04755	31.7268	13.35477	21.41546	26.82962	16.1393	17.04629	13.12451	17.04158	19.12151	17.61858	16.11021	21.08134	19.56728	21.52811	19.56728	25.2475	
CUST_14369_PI42901886	N32769	0.007014	24	15						160.5552	155.0084	128.1757	111.8008	148.0995	151.9691	113.976	113.6504	96.77635	144.2982	160.6917	130.3093	132.7287	144.3143	166.7568	171.5147	168.3796	157.7275	152.2451	157.0792	134.6919	168.3529	124.3983	156.5024	231.4164	156.1886	201.6936
CUST_17917_PI42901886	N38828	0.007023	24	0	357627527	hypothetical protein KGM_16933 [Danaus plexippu			2.83E-09	57.33188	24.26118	33.76983	38.59321	21.18827	19.72298	52.58792	29.23024	35.15038	53.62183	20.3649	31.85967	16.84134	18.6269	5.78191	28.59732	27.64478	15.75401	25.64065	21.83532	51.11982	36.75997	49.38456	33.71856	46.55207	48.01961	52.7291
CUST_44725_PI42901886	M66795	0.007026	12	3						30.07667	28.65357	26.16897	71.3655	37.07575	47.5061	36.00037	25.86296	96.47975	5.286981	15.10731	NA	28.04382	8.108101	19.56461	15.57864	36.64988	30.30845	22.80928	4.643844	13.76206	12.142	NA	20.88813	16.35532	23.4129	10.07219
CUST_40928_PI42901886	M56407	0.00703	15	12						162.775	118.905	118.5121	78.30552	74.01735	77.12763	133.6865	212.8057	210.3675	137.9332	45.88252	101.0126	166.0195	219.0379	189.0327	97.20757	140.6181	82.27324	120.905	66.92364	58.00017	160.804	93.95638	72.88198	128.4938	97.16739	132.3017
CUST_14076_PI42901886	N32287	0.00703	15	12						107.3346	338.2555	214.4445	35.70676	139.0616	17.56933	74.18777	609.6635	407.4423	278.8318	369.0374	644.4395	359.57	911.683	512.1412	62.74739	592.1986	69.03435	92.31619	183.4152	133.9495	168.6715	767.5196	67.65513	183.5489	306.4375	503.6617
CUST_19218_PI42901886	N41195	0.00703	15	12	321459389	hypothetical protein DAPPUDRAFT_93478 [Daphnia			7.15E-13	48.28635	48.99962	51.61085	45.49238	37.9894	39.6493	36.62028	40.46037	50.06107	56.92511	31.66159	47.05803	53.02941	58.53699	62.70075	61.60941	41.72747	63.39728	50.44452	42.73401	31.10257	51.89227	43.17145	30.04952	52.60357	47.02203	60.07014
CUST_25524_PI42901886	N52570	0.00703	15	12						685.3204	654.914	631.8289	501.8237	603.6169	648.9401	689.0956	666.6962	663.9332	754.1104	563.0019	818.4343	859.0461	1051.932	912.7145	739.338	871.62	720.48	667.7123	751.2737	530.6869	847.8005	932.5265	671.5411	1074.496	633.3531	1422.832	
CUST_29742_PI42901886	N60458	0.007031	21	12	346654464	elongation factor 1 alpha [Barnardiorum shadini]			9.72E-18	NA	73.85809	26.41485	248.1135	184.0038	21.6649	137.4373	1187.536	230.8271	118.6617	871.9238	1147.595	2615.876	43.75138	1321.214	NA	448.8586	NA	43.68024	20926.24	411.8683	5.701937	23.37682	11.11646	NA	450.7936	825.1657
CUST_15442_PI42901886	M34586	0.007037	24	12						531.6819	707.905	506.5013	834.6224	578.2355	683.3484	704.1186	601.5918	672.9863	710.9044	439.2849	592.481	561.2769	528.618	533.2467	573.6965	611.8341	672.3960	539.6047	472.8565	415.8885	498.0394	437.7227	451.6269	453.5801		
CUST_30168_PI42901886	N61313	0.007037	24	21						17.23467	21.13052	37.59059	23.94075	25.38784	25.2475	9.378139	17.80424	21.4565	22.48019	18.58833	23.33262	18.42271	31.77439	21.01141	31.43005	23.24391	32.80137	22.35984	43.63321	22.98966	40.46782	26.57271	28.7982	27.63853	31.40893	34.66525
CUST_14811_PI42901886	N33507	0.007059	21	0						11.39726	16.11003	12.90472	25.78835	10.52136	5.124238	10.97059	NA	NA	4.744181	8.421448	NA	6.366804	12.82338	7.213856	12.31427	8.962125	11.95869	10.6654	8.363068	9.627312	16.69534	18.15993	NA	8.535901	5.356366	11.21201
CUST_41927_PI42901886	M58897	0.007073	18	9						61.06386	77.3067	78.32339	85.41552	205.909	210.6402	62.3009	70.29878	121.3175	201.9745	190.0374	183.8985	93.40468	147.0019	135.0274	92.54562	66.07282	57.07016	64.8125	82.83897	84.07185	147.4281	110.1036	89.29805	130.8343	104.0454	91.11111
CUST_12546_PI42901886	N29633	0.007083	18	3						16.9342	22.28394	22.04311	49.46731	25.76451	25.38172	25.37	20.47876	16.61069	16.14158	12.11329	15.92196	21.3985	26.68081	27.01961	14.08649	19.9496	26.22286	22.36394	29.49942	5.85097	29.19814	27.80368	29.64495	28.17477	53.53068	23.38375
CUST_35264_PI42901886	M12082	0.007088	21	18						556.2338	709.1206	503.0719	513.2283	518.0939	539.1803	485.9211	487.6477	497.2573	573.2606	477.7327	613.8279	559.5018	572.8694	566.0346	814.5413	488.0718	537.3115	583.066	697.8167	594.8858	665.6609	503.8676	550.6217	553.2164	472.3127	489.9462
CUST_53940_PI42901886	M103791	0.007098	24	3						53.15159	46.41206	NA	124.9376	70.58339	66.97079	97.36237	15.71416	49.89799	NA	17.13668	NA	36.44639	30.25566	30.06738	24.34006	27.91206	30.86285	8.773525	14.18148	16.53513	24.70162	15.02774	54.5276	6.373482	5.981371	NA
CUST_34609_PI42901886	M10141	0.007098	18	15						19.34025	10.72947	14.68167	11.55147	NA	3.878174	13.4823	21.40624	21.41385	14.31543	9.165228	14.9294	21.49416	19.22831	15.82858	24.14372	10.76694	21.98642	4.647861	18.49721	12.61125	5.931156	8.743791	14.33423	6.560974	NA	5.740207
CUST_53973_PI42901886	M103936	0.007101	18	15						60.41993	59.61145	70.02979	41.79247	38.35721	48.76564	53.61134	46.46836	41.50677	69.59145	48.72653	54.01898	50.39753	55.50473	60.61424	61.38183	62.76739	54.20454	74.95386	56.53393	48.8169	46.75809	52.78112	36.65319	64.78587	33.72715	57.80685
CUST_27512_PI42901886	N56189	0.007101	24	12						267.1271	301.2285	215.2857	278.1764	272.8838	232.766	235.8718	232.766	395.1607	331.6154	335.677	271.5235	347.1114	248.2496	352.188	316.9219	283.2978	334.1519	368.8728	262.3146	384.5478	355.6296	267.2122	288.8378	262.8146	384.5478	
CUST_19233_PI42901886	N41223	0.007107	18	15						117.3497	113.3258	85.25376	115.1051	107.3414	113.9832	90.83511	123.794	71.11204	78.44378	89.50659	76.39741	95.62622	95.09391	72.59952	126.8764	135.2525	103.3395	125.1948	97.49057	127.4456	119.7354	105.0857	102.9204	97.50342	92.50739	105.8252
CUST_41619_PI42901886	M58166	0.007115	18	6						54.97901	48.91209	76.42108	46.33994	72.48039	51.56072	73.28621	87.67204	112.1069	52.65717	85.30129	77.41461	80.39867	82.42534	76.88221	66.50022	102.022	76.60117	54.25943	61.07112	20.86742	77.29645	48.67019	59.9058	112.8928	62.09543	93.05164
CUST_8639_PI42901886	N23340	0.007115	18	9	91092464	PREDICTED: similar to CG3999 CG3999-PA [Triboliu	Metabolic process	Cellular amino acid metabolic process	2.18E-86	30.08532	38.18132	62.76739	17.63614	28.75284	16.01035	43.70884	53.84859	45.18835	51.24109	42.6374	49.3486	45.70165	53.90994	41.68991	42.68895	35.38892	24.54416	30.74148	43.76564	39.84188	31.99053	45.24787	23.00078	48.43308	37.86509	68.17959
CUST_48000_PI42901886	M78466	0.007119	15	12						108.9753	108.4917	222.3465	102.1576	110.1779	130.8991	128.7791	156.1572	142.4549	169.2967	115.9538	83.03102	170.7891	199.3094	143.069	114.2228	128.6369	111.6142	101.5112	117.2582	108.8415	138.7373	116.3712	118.7528	159.6853	135.2886	158.7326
CUST_13990_PI42901886	N32135	0.007125	24	18	321466191	hypothetical protein DAPPUDRAFT_305911 [Daphni	Metabolic process	Nucleobase-containing compound metabolic process	1.79E-34	154.0296	105.9691	149.147	102.3871	79.03234	63.99533	105.3949	94.97923	99.32217	112.304	71.52214	101.5527	126.2074	117.7597	112.0774	180.6894	66.33801	125.9169	191.7287	120.6382	198.2178	123.2567	86.27625	125.9453	128.9813	91.91837	164.7416
CUST_16244_PI42901886	N35906	0.007128	21	15						68.56023	41.36789	35.56458	27.36061	40.17403	25.25393	27.30026	30.67698	33.12696	28.58747	27.80368	27.70404	35.37524	36.387	65.77588	44.99497	34.06071	40.34891	44.02718	40.18446	34.39152	42.1461	30.82595	29.30417	31.59119	34.05076	36.83629
CUST_17983_PI42901886	N38948	0.00713	24	15						326.4381	378.7944	381.1947	225.0823	277.0077	289.2197	187.5065	337.0926	336.8185	483.8764	373.6828	547.117	331.3738	570.2153	409.385	581	439.2082	464.3001	342.8578	443.9779	333.1788	432.8549	522.6581	328.807	501.4801	354.1413	466.9714
CUST_45979_PI42901886	M70982	0.007132	15	12						8.642479	12.46997	14.07874	6.019113	8.306883	9.678005	15.74798	24.30558	20.55519	16.24815	4.673008	14.66496	18.38243	27.39567	21.3372	9.958012	16.63365	NA	7.889839	9.035702	10.69461	24.24219	17.61531	8.317554	17.78988	10.78602	26.71388
CUST_15653_PI42901886	M34921	0.00714	21	9						4.862972	585.6044	235.6934	855.8158	662.0948	366.1623	506.24	2805.418	2057.769	583.8403	2098.72	3187.857	2459.721	350.7295	1556.767	NA	801.7212	NA	2235.7285	645.9555

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_32275_PI429010886	M3684	0.00474	18	12	443695741	hypothetical protein CAPTEDRAFT_168216 [Capitell			2.8E-62	81.44839	82.32602	76.22636	67.40392	72.37554	66.64899	69.77447	54.73744	49.38887	83.34341	64.97549	73.42232	75.90597	95.74719	98.91679	95.44	54.12753	75.04971	71.45222	73.38298	65.34071	110.9726	69.22629	64.96286	73.13314	60.04192	65.23612
CUST_40975_PI429010886	M56521	0.00476	15	9						191.5971	216.4474	212.501	178.0175	293.1271	172.2664	208.138	178.147	259.6731	284.9694	232.4315	355.9452	303.2078	324.2442	222.3674	354.2035	195.689	312.5863	277.7527	139.3938	159.6853	215.3368	246.9496	199.4834	540.1617	342.0536	522.2489
CUST_5855_PI429010886	M19298	0.00479	15	9		Protein metabolism	Protein folding			60.69824	74.38643	52.22902	54.90496	59.052	39.27986	39.69364	46.59363	67.51475	85.82609	75.03476	119.885	61.97713	93.59991	64.74408	100.397	50.28834	78.94301	41.48365	88.66603	57.76845	85.10115	64.88975	46.00876	69.39137	65.62571	111.5216
CUST_6927_PI429010886	N20790	0.00477	18	12						776.8406	1356.986	1081.105	952.6524	712.5461	764.0731	489.9462	814.5413	616.9292	1036.891	651.8188	1387.428	962.6096	984.9879	1246.44	947.592	800.0152	755.8427	872.8348	752.5982	832.3284	768.7795	984.2764	849.9413	686.5061	717.957	568.0071
CUST_28051_PI429010886	N57180	0.00478	15	0	156404234	predicted protein [Nematostella vectensis] >gi|156	Metabolic process	Carbohydrate metabolic process	1.35E-27	30.38651	128.8011	23.16574	4.597228	23.97181	16.3435	24.26769	20.34669	34.76682	8.654424	14.73565	11.46694	11.47303 NA		18.19204	29.10242	26.32739	38.20891	19.29325	26.17436	18.12511	37.37861 NA		9.343228	13.40566	14.33928	14.33423
CUST_52916_PI429010886	M99417	0.00485	24	18						90.25676	91.23322	90.13978	70.47896	68.48249	96.80182	85.89616	67.08317	79.97877	87.87096	71.49639	76.55655	82.67802	178.833	125.6172	80.70446	80.21909	80.33892	86.7376	156.2777	173.0713	99.38154	150.0225	91.05924	88.11918	147.4899	94.90628
CUST_31528_PI429010886	M1725	0.00501	18	15						161.4564	271.5235	204.8478	154.793	207.9553	126.6371	137.5651	131.2903	141.2301	207.4667	212.7113	241.638	186.9387	185.3559	191.7997	289.3248	195.9585	240.9019	181.7853	277.0077	187.1216	241.9211	169.802	135.4402	191.6146	145.308	184.0345
CUST_10155_PI429010886	N25783	0.00505	21	15						819.4278	869.0196	790.1209	552.7878	779.5608	819.682	602.1279	576.8367	661.9537	692.0661	746.1542	1024.31	661.523	739.8087	767.811	1073.921	1019.446	815.3757	871.2706	850.2192	637.0757	849.3126	863.4186	734.9802	973.2028	611.3709	750.1475
CUST_53020_PI429010886	M99783	0.00514	18	3	321453851	putative TGF-beta receptor type I baboon protein [I	Signal transduction	Other	4.59E-14	72.14089	111.6728	86.4248	179.678	75.45183	129.1352	77.95844	71.25267	76.71565	68.81509	52.60928	97.73561	59.62185	80.37038	57.47681	84.09478	57.96698	72.3636	60.71887	71.55597	111.3143	80.59405	120.3098	78.53416	101.867	89.9999	72.8742
CUST_20234_PI429010886	N43069	0.00517	24	21						9.427695	10.19195	16.67239	6.693409	5.931156	9.879248	5.711785	8.319795 NA		5.090401	12.55563	15.49433	6.271198 NA		8.496964	8.176012	12.43952	9.496558	11.01558	8.437018	10.9756	19.66703	14.03672	16.5713 NA		16.92856	13.64597
CUST_19773_PI429010886	N42166	0.00517	15	0						34.18999	36.16119 NA		68.1165	21.07701	27.84642	59.19392	11.51059	45.65948	9.47114	6.651311 NA		8.917899	12.03892	26.03397	20.97805	20.38984	31.89471	29.80754 NA		8.502113	16.58396 NA		18.03617	8.402814	6.546282	9.004162
CUST_13580_PI429010886	M1023552	0.00519	24	18						38.73964	27.48409	35.18679	21.41937	29.72539	33.03027	34.14561	26.47171	19.13867	45.38957	31.6082	25.5511	30.12445	20.79607	29.57766	27.07492	39.55733	26.87231	40.15414	39.54839	40.71531	35.75095	36.12998	35.85975	40.41641	28.27971	34.28772
CUST_51548_PI429010886	M93948	0.00528	21	3	383863669	PREDICTED: kinesin-like protein KIF21A-like isoform			6.73E-11	5515.427	15271.23	8876.599	19357.18	11104	14406.9	5572.884	7404.352	6380.497	7462.719	4817.775	9739.086	7197.042	6073.086	5911.575	10401.6	3077.216	5940.317	2834.55	8721.497	9571.885	11044.29	10117.01	7470.617	11366.05	15567.33	6962.573
CUST_7223_PI429010886	N21214	0.00533	21	9	321463784	hypothetical protein DAPPUDRAFT_306991 [Daphni	Metabolic process	Other	2.5E-133	57.32094	61.34598	61.21559	68.50419	55.87064	64.85632	62.3113	68.86603	89.96525	81.18707	77.66626	77.01708	75.85953	70.02583	77.88301	58.19173	55.42699	52.84586	93.41435	67.02702	59.68907	66.32627	58.988	41.28276	73.47743	42.09528	66.59221
CUST_43673_PI429010886	M63643	0.00539	21	3	405957597	Reelin [Crassostrea gigas]			3.38E-47	89.85114	47.48523	73.51884	119.245	88.95458	89.37758	89.70412	62.66235	60.69824	128.0667	104.7208	104.9497	62.3113	71.20471	56.60227	42.19441	42.84203	35.30186	139.3127	60.26272	80.41737	48.29446	51.29496	61.23542	114.5445	62.45524	117.8738
CUST_18172_PI429010886	N39285	0.00545	21	3						2459.721	6336.037	3459.777	8245.915	3696.299	4031.594	2475.35	2972.831	2881.575	2015.591	1950.603	5009.146	2321.278	3345.256	388.2685	3653.581	1288.361	1232.019	1508.69	2520.419	3972.597	1192.165	3419.141	2984.905	4120.1	4407.135	2764.643
CUST_47388_PI429010886	M75923	0.00546	15	9						9.391276	24.74877	10.64286	14.35419	13.57654	16.99403	14.20484	61.46953	16.62231	26.05952	13.92315	29.81522	16.60716	19.02839	18.84701	16.21551	16.38019	14.70379	25.19237	13.65696	16.57742	18.4928	22.32739	25.63163	26.97315	29.87699	23.17075
CUST_46158_PI429010886	M71597	0.00548	21	18						10.00344	26.09533	24.43879	9.927073	15.15241	12.92501	16.45644	4.86085	4.66886	13.10821	7.654255	17.09566	13.09531	11.54995	17.73394	20.66741	4.671082	14.97661	30.112	24.35448	39.15692	18.22302	7.886773	12.11676	21.91471	6.608238	20.38984
CUST_53069_PI429010886	M100006	0.00755	18	0	321460146	hypothetical protein DAPPUDRAFT_93395 [Daphnia			1.3E-22	51.49762	56.18196	53.97066	80.97211	37.52322	77.95844	47.82182	35.20228	47.52868	28.06124	28.61065	37.47945	43.37513	44.14193	50.23482	29.76829	25.36437	24.95013	101.4018	47.51073	53.52565	84.92511	55.43705	29.99986	31.08481	30.9626	44.76277
CUST_56172_PI429010886	M113022	0.00556	21	0						15.4643	9.163319	15.17796	10.23633	4.033847	12.13343	14.07075	11.74252	12.99803	9.011589	4.323775	3.917902	4.72981	3.707948	14.62058	10.48808	4.941692	13.48112	12.06387	8.988276 NA		13.04571	23.85638	14.37169	14.33928	11.19977	6.782422
CUST_12417_PI429010886	M4069	0.00557	15	3						29.18761	30.9722	26.36533	14.04228	20.19405	16.32704	11.4368	17.12833	14.67308	25.70084	18.01506	20.65497	20.37385	15.88543	19.05757	27.64478	15.7841	25.62877	12.69324	17.64732	17.40899	25.42895	37.9853	16.24253	32.67128	43.5699	21.15997
CUST_45291_PI429010886	M68066	0.00559	24	0						59.98757	76.21064	61.03108	63.24208	63.23408	50.57708	52.40666	47.45553	55.37064	64.45055	45.26568	64.74408	46.71066	45.07578	49.83701	57.23868	26.05504	82.80956	50.17265	62.69742	76.05105	64.82592	66.78525	69.11088	47.16593	
CUST_11957_PI429010886	N28689	0.00563	18	3						58.94983	40.74811	75.61377	95.04998	60.97776	94.67269	104.0978	89.27715	61.77428	43.73443	37.13409	17.54073	69.85356	59.50688	63.46235	52.40185	110.7787	73.17053	80.37733	6.162725	125.2532	83.39175	138.4302	124.1661	32.09701	42.68003	48.5992
CUST_37969_PI429010886	M22508	0.00564	15	12	159078854	serine protease [Penaeus monodon]	Protein metabolism	Proteolysis	1.69E-42	1218.887	1334.604	1351.148	1119.369	858.518	738.4538	1473.383	1356.986	1890.591	1205.12	825.7659	1392.18	1682.368	1804.906	1581.923	1659.051	1198.309	971.1081	1200.709	950.2628	848.334	1413.053	1233.197	920.7129	2288.66	842.9384	2629.007
CUST_39480_PI429010886	M39996	0.00564	15	12						1436.981	595.4395	10190.76	43.41776	50.87205	16.92856	3330.039	18620.02	18586.47	17362.34	4077.008	6767.816	15662.95	33895.99	19541.87	1463.822	8827.561	574.2435	2023.529	10401.6	747.806	28694.35	21119.13	491.272	28866.67	4289.879	29068.55
CUST_49205_PI429010886	M84665	0.00564	15	12						33.33635	31.34763	31.09152	16.72128	18.21393	28.41001	19.80461	26.67812	32.09701	39.54839	20.00677	30.65915	37.15687	42.35334	49.46138	42.99943	18.65035	28.45405	30.3611	25.95233	24.81825	46.53178	19.44365	11.05143	34.76295	23.2714	41.37211
CUST_7194_PI429010886	N21177	0.00564	24	18	443711213	hypothetical protein CAPTEDRAFT_147624 [Capitell	Protein metabolism	Cellular protein modification process	2.77E-13	12.51404	17.23883	21.34584	16.2136	19.37598	17.48182	9.653182	21.86589	20.07638	21.50916	23.19911	17.73142	26.22826	30.26479	11.70759	18.54361	23.49179	27.09043	22.41033	39.74462	28.60108	20.32136	23.28108	21.76618	31.90512	19.95634	24.74877
CUST_7524_PI429010886	N21674	0.00569	15	3						993.3629	870.3572	888.436	1137.109	991.907	1057.219	1204.562	757.6325	619.3802	595.4395	793.0472	552.0613	709.6744	656.5643	634.1523	737.0066	1145.481	794.9156	1082.038	477.4078	755.2577	694.3101	835.1893	1156.728	592.8448	586.0335	530.8519
CUST_25909_PI429010886	N53283	0.00569	15	0						38.63759	41.96975	51.51243	34.57302	36.23666	46.3461	34.70757	29.30762	27.41533	45.89685	38.20891	36.91363	29.42444	39.25017	30.09768	46.38676	43.05742	43.07866	37.26633	41.50205	38.21245	31.6776	39.43891	30.02077	41.8585	40.66087	54.63011
CUST_19377_PI429010886	N41475	0.00569	24	0	443727921	hypothetical protein CAPTEDRAFT_133965 [Capitell	Metabolic process	Cellular amino acid metabolic process	9.8E-31	23.95732	36.64631	25.53642	22.29671	18.72259	23.32	24.23621	47.00702	38.79996	36.4309	48.59055	48.63636	37.44113	39.84998	34.7228	27.14607	19.20292	20.70543	26.07711	62.34386	32.90555	33.78223	30.11515	25.52007	33.09246	36.25859	51.1368
CUST_34352_PI429010886	M9399	0.00597	24	15						493.215	609.869	437.7044	472.5516	537.701	486.1656	454.184	427.8624	455.4031	526.943	515.4981	624.47	472.997	533.5457	498.2267	747.636	592.7227	593.968	603.6169	635.813	495.3471	722.796	642.2989	499.2279	578.6895	456.7992	516.3899
CUST_35063_PI429010886	M11462	0.00618	24	9	123507472	ankyrin repeat protein [Trichomonas vaginalis G3] >			1.42E-12	317.6417	94.91653	384.9318	122.1728	328.5456	149.5977	384.8393	481.2318	409.277	848.6156	508.0799	830.6821	171.2286	78.77563	782.2398	739.0931	58.41483	231.9868	370.8487	111.5107	267.7928	87.40211	292.8985	157.231	127.8459	114.649	140.2989
CUST_40008_PI429010886	M48301	0.00625	21	3						1422.337	4179.242	1876.716	7426.728	2818.479	3158.604	1596.656	1555.197	1868.48	2203.176	1059.331	4094.84	1628.664	1081.506	1582.502	2299.417	650.0167	1830.724	969.5225	592.3414	2701.759	3181.861	2456.459	1960.986	3136.621	3869.78	1522.087
CUST_3685_PI429010886	N15051	0.00626	15	9						NA	70.96812	39.25313	102.0005	89.40029	51.51243	134.5271	313.9465	242.3388	64.56992	528.3775	694.5441	204.946	55.38718	116.9761 NA		64.125	7.413154	41.23292	569.1252	379.5119 NA		120.8319	90.68288 NA		341.1708	296.6828
CUST_23832_PI429010886	N49552	0.00638	21	3	457871791	40S ribosomal protein S9 [Plasmodium cynomolgi st	Protein metabolism	Ribosome biogenesis	7.65E-27	2108.426	3330.039	2727.828	5197.227	3027.574	2945.87	2287.157	1715.766	2704.165	3147.989	1299.658	2995.003	1364.277	2939.878	669.2807	1923.113	1002.084	1608.297	1190.301	1193.941	3960.835	2073.005	3597.224	1857.991	3653.581	3126.195	2234.111
CUST_52412_PI429010886	M97356	0.00642	24	15						19.67357	19.61572	23.82334	14.57268	19.50921	22.95471	32.97999	19.98856	31.24487	27.37719	33.73552	25.9425	26.98494	23.81911	19.41296	23.92396	36.54664	33.42828	47.63195	29.36188	26.23793	29.60276	36.75997	28.91721	19.31761	21.7344	25.73137
CUST_43193_PI429010886	M62369	0.00645	15	0						371.6995	325.5645	503.8676	198.6688	227.0976	400.1681	280.3132	189.5057	260.0114	315.9615	314.9323	526.5682	342.1732	515.4056	471.3393	416.5528	303.7146	287.9369	249.0909	422.3809	312.7841	465.9125	257.9765	260.373	367.5439	677.3854	508.0799
CUST_16308_PI429010886	M36017	0.00652	15	12	459186163	PREDICTED: P2X purinoceptor 7-like [Ciona intestina			2.72E-15	56.7825	11.70937	32.75767	29.71386	38.70169	33.98233	18.69696	28.31689	13.08017	25.4983	47.90107	123.6853	78.23845	69.49923	99.35803	30.85363	49.16869	41.36789	28.78017	23.06016	55.56489	35.08626	62.82655	21.71424	58.00017	68.02073	62.42019
CUST_13326_PI429010886	N30994	0.00652	24	21						126.8312	126.3583	135.9627	120.1067	109.5638	155.9176	97.32524	81.22317	89.77998	161.2431	131.0636	125.4048	94.18675	90.29804	137.7989	147.1218	143.3629	130.2691	129.8780	106.908	144.6491	171.8979	139.9486	146.0878	192.898	104.5344	123.5093
CUST_24296_PI429010886	N55146	0.00660	24	6	321472175	hypothetical protein DAPPUDRAFT_21313 [Daphnia			2.35E-24	37.24189	23.14854	49.74931	27.9956	26.44209	35.52357	98.2103	49.3195	58.29022	27.61589	33.40373	20.38654	24.70162	28.01868	14.58166	27.92689	25.05204	24.56181	28.54148	34.91507	28.83261	43.4439	30.06599	46.19956	
CUST_17289_PI429010886	N37716	0.00671	12	3						11.97517	62.6571	10.45086	58.85113	158.9341	146.7019	66.20577	4.762239	50.08673	3.812203	6.462365	8.758494	5.287676	17.76635	38.1318	99.93216 NA		76.75659 NA		18.91365	8.690781	40.01491 NA		41.02914	12.53208 NA		NA	
CUST_35583_PI429010886	M12949	0.00671	18	6						335.0674	120.7928	225.9932	202.3386	335.333	312.5863	365.2576	165.2432	379.3496	260.3136	244.0822	405.9331	123.349	184.458	187.0803	173.9115	350.1387	284.2642	213.4377	129.5554	162.9465	570.3497	282.5938	324.5263	575.5153	342.3066	625.484
CUST_12094_PI429010886	N28913	0.00673	21	12						86.9841	56.03237	73.38298	42.5506	58.92815	44.81799	75.98951	66.75063	41.52003	97.25472	63.54061	47.51073	78.94301	83.98715	96.29479	76.42108	91.11111	55.73505	120.8183	70.88996	81.81059	55.47668	51.93952	63.15525	47.91134	48.64598	83.43282
CUST_47908_PI429010886	M78121	0.00686	21	12	270007545	hypothetical protein TcasGA2_TC014142 [Tribolium	Metabolic process	Nucleobase-containing compound metabolic process	1.87E-21	41.94819 NA		126.9262	4.819516	4.90692	14.39787	19.34025	61.09062	27.53274	104.3119	20.56557	19.44948	119.0396	178.4723	53.77384 NA		60.57138	14.43213	15.83738	34.92634	31.13099	50.6298	40.84912 NA		17.69892 NA		25.56371
CUST_14847_PI429010886	N33568	0.00692	15	12						15.32925	16.79903	39.81145 NA		4.042685 NA		8.416999	53.27432	25.23726	47.15148	12.09871	19.22009	27.49118	50.29336	35.4058	14.06114	12.5724	17.86761	5.907047	18.89448	11.42482	22.59879	18.99123 NA		35.05495	19.44365	43.44981
CUST_50625_PI429010886	M90466	0.00693	24	15						193.8296	173.3481	138.3597	123.6533	137.687	150.7391	130.8991	125.4528	119.0242	177.3959	160.6701	150.8963	111.7143	165.4769	157.4409	215.5744	198.7167	196.032	166.4887	164.1481	136.25	210.4274	147.098	137.0179	218.1405	135.1495	166.5412
CUST_9293_PI429010886	N24387	0.0077	12	3	242011913	Pediculus humanus corporis Actin, muscle, mRNA	Developmental process	Multicellular organismal development	2.4E-130	26.05696	10.31326 NA		12.74222	22.46339	19.20292	8.647376	10.2062	8.723307	8.912458	8.093925	7.287651	8.072291 NA		NA	13.56226	18.47168	17.44361	9.550729	9.72827	17.17022	4.251901	7.414036	22.36658	15.69662	7.30902 NA		
CUST_33666_PI429010886	M7550	0.00705	15	9						76.61613	107.073	118.9329	59.98068	84.04395	62.506	102.639	91.25978	84.38957	134.7752	79.32298	115.202	76.70634	115.0699	97.43479	82.93626	67.84362	71.43726	80.842	84.34439	90.01113	128.4766	91.56459	81.1623	141.9566	93.35337	118.04
CUST_14659_PI429010886	M1723	0.00711	24	12						60.66856	71.63476	18.33227	86.8927	105.8358	55.85751	143.7672	48.67019	112.0535	42.07479	49.40038	108.1674	31.0493	19.22408	26.10123	308.5952	77.44973	31.84762	113.8161	140.5133	31.03146	91.12811	17.05056	45.96969		
CUST_38894_PI429010886	M31722	0.00712	18	15						62.21051	73.36115	109.6686	62.60675	80.5678	96.77635	78.28594	91.51834	75.69546	87.86031	92.02079	94.88698	92.68449	89.56339	98.61381	105.5208	104.302	84.97695	81.87168	95.67336	78.56402	73.59863	74.86726	77.31411	81.00454	78.38473	103.0243
CUST_43454_PI429010886	M63102	0.00723	21	12						224.9679	214.2583	192.8746	145.8825	163.7445	132.9869	251.6265	184.8973	220.2915	172.213	173.7221	197.1816	271.6132	243.718	257.6478	293.4659	220.2915	180.3864	373.4486	96.26654	229.245	240.8224	161.0453	168.2847	195.5884	147.1503	200.8366
CUST_24047_PI429010886	N49938	0.00723	24	12						356.7158	334.0181	262.1121	256.8125	522.2489	347.2399	476.5945	306.1523	418.1872	463.2589	386.8992	463.1518	562.4407	528.5021	458.5323	712.5461	493.9819	457.1179	454.9277	522.4048	448.0031	685.9612	455.9675	367.1141	346.6366	432.6248	483.6862
CUST_56746_PI429010886	M114568	0.00733	12	0						307.0541	363.7161	407.6622	301.0265	315.9925	355.3482	299.2346	315.6417	334.0181	338.6596	313.3535	404.2573	334.379	431.3053	437.9165	381.8035	334.9255	332.1642	314.8276	355.2567	312.3161	348.6809	336.5091	321.374	380.7018	362.8276	421.2064
CUST_31297_PI429010886	M1163	0.00733	12	0	156543561	PREDICTED: ubiquitin-conjugating enzyme E2 C-like	Cellular Process	Cell cycle	1.28E-60	37.22147	46.92598	48.99962	49.38456	35.60511	47.75744	32.41866	35.1434	30.16704	39.08441	37.4516	43.12293	46.61273	42.10755	62.67964	59.0152	25.87167	29.36585	38.93338	26.7087	34.45395	54.56998	36.0581	34.26633	48.46881	42.07479	61.59565
CUST_39537_PI429010886	M40940	0.00737	18	15						53.69064	50.11342	63.30444	40.02682	46.05816	53.16758	46.0364	33.61445	57.45413	63.68458	56.11071	63.7264	53.04479	60.8738	57.83783	63.31885	66.13621	75.92185	63.26276	56.55685	60.60207	60.22941	49.60877	49.04708	68.26569	59.3952	65.83727
CUST_26930_PI429010886	N55144	0.00742	15	12						139.7302	128.9944	149.3076	102.0907	112.2413	130.7243	153.6441	171.5473	177.0904	183.528	123.2567	105.242	144.2774	266.1879	200.9243	176.4808	182.8782	172.1318	121.8599	165.5224	109.5988	215.0582	175.4136	128.3042	227.5634	227.0035	202.301
CUST_30541_PI429010886	N62088	0.00742	15	12						765.7162	1093.408	1052.869	557.6662	734.2085	637.9884	592.1986	685.3204	838.4693	944.6524	712.1447	1291.558	800.0152	1279.6	1173.656	893.461	671.0656	1027.258	818.6448	792.4242	775.6671	807.9372	1002.452	702.9226	1068.926	821.7869	1075.686
CUST_4551_PI429010886	N7021	0.00744	24	15	345304903	PREDICTED: neuroblastoma-amplified sequence, pa			4.72E-14	7.919759	9.704488	16.65706	5.371032	5.895001	4.813354	5.59552	7.035948	6.260184	13.81863	7.090444 NA		8.060614	14.70379	7.31283	13.81689	12.05204	20.56181	7.345064	14.56894	11.45457	10.40406	24.11	11.32307		
CUST_9057_PI429010886	N23998	0.00746	24	15						43.46213	48.65088	49.51746	30.21036	35.51342	51.46537	41.70879	37.29054	34.08686	45.74744	38.34336	60.71325	39.62708	50.22468	68.33792	54.78436	65.53578	62.63918	58.29649	61.08538	52.40185	39.38726	56.68336	38.35721	76.6588	37.18492	74.7726
CUST_842_PI429010886	N7506	0.00747	18	15	442769035	glycosyl-phosphatidylinositol-linked carbonic anhyd			5.7E-62	3595.062	3872.65	2166.108	564.719	9020.979	3759.753	1523.414	2338.281	380.2921	3946.907	328.0964	3144.897	2050.871	2599.94	1498.845	93467.7	4340.493	5590.669	2845.968	451.916	2736.774	2729.519	2123.129	3564.266	2223.051	1118.776	1895.191
CUST_38919_PI429010886	M31957	0.00753	15	9						1199.593	557.82	9697.645	34.15181	43.02941	18.81568	2536.388	16209.81	15743.72	15743.72	3323.085	5477.513	12021.62	26713.02	14600.6	1736.508	7026.307	412.5292	1776.211	8924.795	685.5063	18337.68	18774.91	544.2536	29281.85	2672.36	20967.97
CUST_44884_PI429010886	M67313	0.00753	15	9	309099428	elongation factor 1-alpha [Litopenaeus vannamei]			4.39E-12	56.66591	125.4528	85.21423	77.78755	95.65165	93.72794	100.3711	120.6692	120.8512	94.76564	103.7009	171.0565	89.91874	136.1436	100.8857	63.58566	97.97139	147.2361	75.19772	81.93796	111.7257	124.0734	132.7602	141.6171	138.0748	148.544	170.6145
CUST_12362_PI429010886	N29348	0.00753	15	0						59.36711	82.70078	60.98516	56.84346	44.91149	53.68104	49.58479	39.8966	37.76259	69.79294	56.65296	69.71071	74.16318	50.11711	46.63569	67.77787	73.31065	59.96262	44.40996	65.54862	52.20238	61.11567	48.40695	43.23619	69.20227	53.25946	48.5802
CUST_13698_PI429010886	N31614	0.00753	15	0						52.12912	34.05076	32.82642	45.43527	32.24298	59.45837	31.8793	25.06406	20.51967	37.50798	44.76886	32.42452	15.2714	43.97432	25.1646	71.56769	73.83558	57.70597	40.93552	51.53321	31.07173	41.5428	17.98995	19.2789	43.85634	31.82653	24.43879
CUST_31623_PI429010886	M1992	0.00755	18	0						427.0325	503.7682	197.5737	160.6701	225.4439	173.0442	56.2163	50.94392	177.7855	360.9417	269.3899	378.6086	103.397	293.4659	185.5006	233.8998	162.6071	209.2891	328.4337	385.2863	377.56	285.5481	518.8148	136.023	209.5944	171.1636	80.65083
CUST_31583_PI429010886	M1902	0.00783	24	21	157128145	hypothetical protein AaEL_AAEL011048 [Aedes aegi			7.02E-48	178.2181	155.649	165.5902	152.5473	151.386	191.2388	176.6512	149.3496	140.194	155.9586	144.3246	147.2361	110.0909	148.8486	163.8946

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_14237_PI429010886	N32548	0.08033	24	6						36.08065	24.07736	21.05341	26.19371	23.47248	23.94075	50.403	36.08462	57.7399	31.86259	27.14824	15.4125	24.34759	21.80739	12.81767	21.0027	25.84268	16.62548	23.79492	20.33525	18.21981	35.85651	10.35341	13.24115	31.02055	20.11049	25.80821
CUST_11670_PI429010886	N28211	0.08033	12	9						86.94867	91.00006	100.4962	76.53451	78.59764	81.82047	69.04997	67.89962	84.06167	106.3603	101.7238	105.5539	87.46258	110.2442	80.9845	79.44029	94.42153	91.60957	82.46901	74.74125	93.95638	101.2088	104.4333	95.12719	91.6735	81.87922	86.23591
CUST_52180_PI429010886	N96666	0.08033	24	15						30.92489	25.87828	NA	70.85223	40.69665	73.51179	33.80008	15.53805	6.698064	25.15661	NA		20.97996	3.792996	34.65808	5.85187		115.5	47.98542	48.17972	NA		3.498537	8.026683	29.18761	5.11464	14.35201	NA
CUST_25186_PI429010886	N51935	0.08035	18	6						NA	6.810134	NA	56.49623	77.15963	16.78638	14.20045	210.2883	177.5678	17.64058	26.54031	24.87802	15.86385	16.57742	15.12292	NA		4.969785	5.207994	29.28327	118.905	172.7406	NA		54.50124	44.16686	NA		61.84039	234.017
CUST_43096_PI429010886	M62058	0.08045	21	18						219.0917	121.6835	164.8518	112.0535	96.32091	275.8443	301.7456	241.8731	185.1373	624.6679	207.4294	403.6614	269.2314	213.7556	304.8602	275.6931	218.2859	368.3133	420.025	280.5674	380.124	686.1452	316.5936	213.0233	176.1434	207.7747	166.6117
CUST_54556_PI429010886	M106513	0.08047	12	9						35.5818	27.4656	47.59957	19.92242	58.00667	60.06147	70.98423	22.98483	81.60393	84.60083	87.84073	100.1395	26.63149	77.06228	58.86655	61.28936	33.33921	59.7424	64.96286	54.91034	60.77736	63.86613	87.30486	72.69379	15.79313	79.47713	59.52835
CUST_50779_PI429010886	M90977	0.08048	18	12	156403087	predicted protein [Nematostella vectensis] >gi| 156			8.85E-32	159.338	99.7668	160.9334	81.74728	94.07093	73.77338	166.3805	131.2414	171.427	209.4461	101.6252	112.9234	202.4041	208.936	168.9486	271.0212	108.3614	149.2467	170.596	92.66541	143.8077	175.1526	102.4176	96.24145	109.8428	100.64	172.5751
CUST_38142_PI429010886	M23621	0.08049	24	21						4854.251	3496.725	3604.11	1789.616	2170.679	2706.735	2214.33	1937.537	1340.303	4579.426	2565.951	4008.447	4915.943	5515.427	4817.775	4944.792	2271.87	2638.062	1485.965	3704.973	2823.396	5585.575	4589.406	3983.683	3116.138	2417.914	3040.688
CUST_468_PI429010886	N5482	0.08056	15	3	460838092	strongly chitin-binding protein-1 [Procambarus clari			1.13E-16	4318.11	1338.953	2417.914	8686.323	9919.546	9341.534	8760.24	3013.914	2363.842	287.0591	7145.704	103.7315	2164.947	235.8718	1081.506	448.199	11510.47	4887.374	8974.042	140.8238	12673.02	534.4051	6894.743	9371.785	273.3216	3861.408	139.9278
CUST_36731_PI429010886	M16687	0.08062	18	6						20.22094	12.85718	18.49894	34.06396	16.70546	12.97507	24.50817	15.50269	27.41751	14.78546	21.53411	10.59051	5.485812	15.44569	15.26938	14.96828	17.14756	7.731153	24.66785	9.5748	15.21234	23.59336	17.29417	16.51743	21.87538	35.86991	24.42075
CUST_19156_PI429010886	N41069	0.08062	18	12						47.21974	57.37859	69.41655	73.9797	60.15877	81.29483	47.30806	60.87936	57.69532	62.406	68.2359	100.1493	76.50308	87.92471	102.1126	84.1757	70.15478	74.17182	52.15768	64.95763	55.87623	70.99058	63.72139	58.45028	72.09388	84.43869	70.74029
CUST_49525_PI429010886	M85975	0.08065	11	15	195999790	hypothetical protein TRIADDRAFT_21514 [Trichopla	Transport	Ion transport	1.06E-08	11.12035	4.5493	7.31283	7.873199	10.01285	29.50649	11.27249	13.67972	4.640181	9.183116	21.09489	8.847678	5.835764	3.607383	8.475934	7.09798	8.724159	3.934182	12.5052	12.24457	13.17056	12.36089	12.89788	13.74195	8.389601	11.30463	11.9678
CUST_21270_PI429010886	N44922	0.08068	21	6						16.26691	NA	28.67208	NA	NA	NA	30.8467	57.16139	21.82183	24.03089	10.56773	13.16396	9.258755	6.680971	3.761954	NA		10.03463	8.338462	23.4129	10.64535	21.44879	7.868714	32.05527	13.19382	22.12582	9.341797	20.36028
CUST_38634_PI429010886	M28706	0.08084	12	0						19.54896	21.89378	10.9225	18.92827	17.98785	22.89389	17.04303	16.71152	16.66622	20.80307	19.01018	18.59683	20.9473	19.54896	28.34529	24.32155	18.50047	17.0998	18.70952	17.01511	17.76311	17.2758	20.10727	33.40373	24.80851	19.41782	29.58843
CUST_46067_PI429010886	M71245	0.08089	18	0						6.490205	19.82606	7.648203	13.36717	10.89455	10.40028	4.773638	5.603976	5.88771	6.170344	4.710505	7.393906	7.399323	5.896612	NA		17.59108	11.08171	7.418431	NA		8.010366	NA	7.284707	18.21981	5.743146	6.995543	NA	5.719759
CUST_39562_PI429010886	M41231	0.08102	15	12	51104825	Euphausia superba small subunit ribosomal RNA ge				46.89105	26.73668	40.20059	29.04226	25.58065	39.76167	23.04785	17.74945	30.23517	55.21772	19.14778	26.70117	33.01533	38.73055	41.30947	39.37435	40.1229	30.45321	31.8918	26.58056	22.94743	20.82207	33.48474	25.38172	46.28376	32.2878	38.31256
CUST_29232_PI429010886	N59440	0.08106	24	18						19.95854	39.62708	39.83835	46.00478	30.12077	64.66893	18.24285	53.68104	16.11615	20.53839	61.89778	57.2685	20.73391	161.2028	129.1185	41.55626	164.5463	63.57842	108.6016	148.1764	107.0416	159.8607	140.0198	65.19644	189.4794	21.98819	95.91781
CUST_35065_PI429010886	M11466	0.08116	18	15						153.5041	168.0579	135.1252	136.8075	134.4388	174.2722	83.76494	91.98586	105.2326	179.5942	144.2098	180.4643	102.8545	127.7418	121.1638	177.1551	236.1903	143.9489	119.0071	196.4409	121.2116	135.5951	131.2743	120.9219	149.2835	116.9236	100.3848
CUST_21002_PI429010886	N44456	0.08122	24	9	321477956	hypothetical protein DAPPUDRAFT_304762 [Daphni	Protein metabolism	Cellular protein modification process	1.48E-16	14.93734	15.04347	10.21387	8.796716	11.3957	18.19605	12.20426	9.576049	7.899647	11.03187	9.129182	12.03892	7.732289	9.605462	4.877934	27.4871	4.799209	10.69036	13.0306	17.04861	10.88684	24.45097	NA		8.092867	26.99397	28.40282	20.44752
CUST_31975_PI429010886	M2883	0.08122	15	9	328702773	PREDICTED: hypothetical protein LOC100575450 [A			4.36E-20	80.72119	107.0039	107.3414	76.88221	100.9197	72.32108	72.32108	97.10121	108.3037	153.6236	99.19224	118.1469	78.97339	108.064	110.0483	122.6448	118.5121	109.2372	92.5954	98.19642	94.69116	139.8337	106.8412	60.3241	149.1909	113.8702	131.1403
CUST_32007_PI429010886	M2980	0.08122	15	9	321475050	hypothetical protein DAPPUDRAFT_127519 [Daphni	Metabolic process	Cellular amino acid metabolic process	6.02E-51	300.0118	589.4448	428.865	197.0135	282.3655	118.3504	207.1617	472.3127	325.5645	732.077	528.618	509.4935	486.0261	428.1275	369.8842	464.5441	290.5996	319.5171	342.6195	613.8279	322.9938	554.4782	412.6269	133.6452	756.9801	377.8878	643.3515
CUST_44659_PI429010886	M66592	0.08122	15	9						22.86023	42.73857	84.55489	10.6773	25.33989	14.17331	10.63784	60.82114	92.97528	108.7588	42.26404	95.10164	46.30373	87.41325	20.75954	17.95097	39.07685	52.85191	33.11216	70.47878	19.2894	43.03088	182.9432	50.56586	69.6974
CUST_9613_PI429010886	N24924	0.08122	15	9						2450.654	3372.782	2874.609	1542.262	2031.538	1137.917	1315.839	2542.502	2961.93	4381.739	2459.721	3905.483	3018.553	3905.483	3429.061	4901.718	1973.742	2563.253	2680.458	4377.65	2509.921	4561.712	3124.162	1565.628	6122.745	5023.801	5848.791
CUST_10721_PI429010886	N26684	0.08122	15	0						1971.63	2306.592	1883.709	1795.627	1645.771	1914.945	1195.978	1277.616	1338.117	2065.573	1663.806	2253.027	1276.133	1859.87	1924.978	2665.55	2016.816	1951.832	1770.146	2340.111	1619.494	1911.091	1481.201	1013.924	2108.426	1924.978	2098.72
CUST_12556_PI429010886	N29646	0.08122	15	9	220172371	putative elastin a [Rimicaris exoculata]			5.1E-16	408.0489	3013.914	2316.991	490.7702	416.1299	82.19075	249.7604	1154.447	4073.081	4778.44	2966.269	6885.41	1590.414	5917.438	3673.827	4519.983	504.8164	1818.602	2022.724	3994.868	2472.114	7221.522	3616.168	248.7014	7669.986	4098.525	7457.426
CUST_16771_PI429010886	N36844	0.08122	15	9						17.21816	31.40553	22.92529	10.05721	16.36491	14.59087	14.12299	40.11789	48.9358	27.0727	20.11768	25.16709	38.09087	48.3123	22.092	39.92228	17.52398	20.83504	21.0901	17.83033	20.76905	38.08235	22.70929	14.8732	95.50344	38.78884	164.4877
CUST_14486_PI429010886	N32966	0.08136	12	6						4.940431	8.075584	NA	NA	4.223313	8.300728	8.982813	10.97825	16.74589	NA	7.415398	8.448821	6.349977	8.914093	8.752945	14.83888	8.970081	16.12591	9.41784	17.06111	NA		6.860297	12.98669	NA		4.052238	NA	5.320278
CUST_50938_PI429010886	M91511	0.08137	24	18						152.9711	211.5605	241.0332	195.5884	203.9899	207.9906	183.2048	176.1434	204.0536	180.3864	188.2417	193.8618	197.4111	220.7455	212.4411	254.7626	212.9083	198.7745	194.0352	256.8944	234.1059	205.8446	223.9394	221.7682	238.5428	194.1209	229.9564
CUST_40529_PI429010886	M55381	0.08141	12	0						120.1371	121.6348	132.7287	84.53623	92.67278	74.51983	81.7755	95.63731	103.0243	148.2477	114.5736	119.5504	114.1048	136.8231	124.6057	136.9776	104.2505	96.24145	111.7487	137.1593	107.4857	114.5611	151.6013	74.25035	149.7134	148.0995	155.5733
CUST_4241_PI429010886	N16311	0.08141	12	0	321468390	hypothetical protein DAPPUDRAFT_304841 [Daphni			1.51E-23	45.84834	57.91335	66.70898	31.78356	36.78858	47.32005	48.96007	56.94451	46.96643	56.47886	38.82583	53.36598	53.12043	61.04516	36.63103	43.70884	32.7674	42.50508	42.61032	52.06984	53.57981	43.38005	62.5758	52.86776	56.72265	60.61979	56.50237
CUST_5866_PI429010886	N19931	0.08141	12	0						274.5343	282.9535	289.8469	232.8505	251.2548	237.2477	269.5259	247.0088	275.2679	283.788	270.2125	280.5129	233.4512	277.4885	252.4045	258.545	239.1179	229.245	242.9037	267.9382	271.0795	247.8273	350.314	232.8922	308.2184	324.8963	310.2726
CUST_29920_PI429010886	N60819	0.08141	12	0						63.12362	99.89328	104.8392	48.2481	51.59735	53.50545	60.85469	64.55964	63.96144	85.19825	64.48135	90.29804	55.5381	117.1213	102.7268	111.4592	59.32225	63.16675	70.31729	83.74259	68.68381	72.72106	90.83511	94.44207	91.84848	72.41676	91.66231
CUST_54057_PI429010886	M104306	0.08153	18	12						12.51969	16.87735	21.28123	8.376213	7.929534	4.290274	10.4406	8.730965	15.27765	19.14544	15.63271	13.17199	15.30623	19.44722	15.37156	14.17166	18.47842	7.911129	9.284755	17.78619	9.325475	15.44955	5.964046	12.17281	16.0983	14.28453	11.78768
CUST_38616_PI429010886	M28570	0.08173	15	12						7853.842	4094.84	16184.83	366.4854	993.3629	542.1254	12089.86	23580.44	16394.35	24081.12	7498.771	7938.371	17482.08	31581.61	16238.88	2906.073	17506.5	2462.824	7273.892	8814.529	4411.84	19037.21	19666.57	1909.916	28919.9	5080.996	27577.88
CUST_46024_PI429010886	M71100	0.08215	15	9						511.7062	347.4375	542.7169	334.9967	326.9766	239.3938	299.9648	291.0552	361.9781	748.2524	350.314	661.523	368.0062	395.3575	452.9912	395.8483	381.6649	396.481	260.9414	419.7481	437.9769	472.773	559.2711	292.413	552.1675	652.581	619.0377
CUST_49824_PI429010886	M87332	0.08215	15	3	391329623	PREDICTED: uncharacterized protein LOC100901385			2.24E-07	506.1361	642.6469	344.4277	1734.303	2040.559	1306.431	981.4865	1380.113	114.529	17.85258	960.7453	14.05335	886.3986	34.6687	499.1257	75.67767	1209.365	369.2549	1109.205	18.18793	753.2014	42.29494	376.5573	1426.735	7.409357	197.989	10.2728
CUST_4151_PI429010886	N16116	0.08215	15	9	255653874	crustin 4 [Panulirus japonicus]			2.37E-16	489.9462	1607.248	1483.13	421.3888	768.0399	409.9605	452.1056	690.2519	1530.336	958.279	1287.748	3272.814	1062.278	2203.176	1709.2	3013.914	532.9396	1246.008	554.3622	1314.491	717.1047	3071.798	999.7477	561.1634	2701.759	1719.247	3380.982
CUST_42719_PI429010886	M61053	0.08215	24	0						10.70732	15.57864	17.23883	22.63948	12.71524	16.44013	12.25276	8.833142	5.365255	13.73363	9.3513	9.87605	4.267713	7.597404	9.559604	16.23932	13.47393	21.04144	22.30272	5.514158	11.97367	11.11786	40.61218	9.495063	26.17436	21.15997	25.4312
CUST_7466_PI429010886	N21587	0.08223	12	9	156540796	PREDICTED: transcription initiation factor IIE subuni			3.89E-41	59.33007	57.71214	65.8929	43.20136	49.14494	58.86655	52.5097	45.76846	52.92115	90.43345	65.38012	86.32314	72.05058	94.00092	71.94024	68.44169	90.49286	64.94243	66.36423	84.25035	94.37733	77.36398	73.01019	79.46381	126.3583	56.19981	80.24894
CUST_4263_PI429010886	N17188	0.08234	24	9						45.30213	205.078	109.0299	67.55015	NA	4.518931	250.8965	149.8536	181.4625	387.589	349.4134	429.6025	35.07632	100.0986	79.19112	67.04072	NA	18.5917	176.3653	73.7788	88.8886	NA		40.24575	73.8718	7.888884	NA	15.73231
CUST_33927_PI429010886	M8267	0.08235	12	0						3090.22	2292.412	3060.282	993.3629	1600.359	2065.573	2288.66	1947.429	2163.813	2873.023	1990.565	2921.018	2770.165	2612.527	2402.318	1612.797	1815.297	2325.953	893.1457	2448.925	1920.006	3852.498	1865.638	1860.994	2863.818	2258.839	2789.972
CUST_3088_PI429010886	N13771	0.08235	12	3	156552406	PREDICTED: transaldolase-like [Nasonia vitripennis]	Metabolic process	Carbohydrate metabolic process	3.3E-127	3558.109	2869.202	2238.739	4868.886	3783.178	4515.16	4303.084	2774.636	2336.801	1850.903	3480.516	2033.91	2729.519	1741.833	2299.417	3371.152	3762.541	3590.082	3266.951	2395.771	2595.092	2692.301	2219.95	3469.507	2049.694	2661.313	1818.602
CUST_7064_PI429010886	N20989	0.08825	18	12	374079276	GalNAc/Gal-specific lectin [Crenomytilus grayanus]	Cellular Process	Cell death	1.76E-21	566.6261	607.4385	932.5265	358.225	482.8729	368.0062	673.5866	738.859	600.7483	980.1159	614.705	659.4054	748.4841	930.2399	663.9332	735.8213	704.3489	524.852	596.0223	714.0634	588.4339	834.0915	507.1661	527.6079	894.2724	538.762	732.077
CUST_13649_PI429010886	N31528	0.08258	24	0						301.5634	284.9694	312.4226	173.0713	243.3595	316.8071	209.9677	178.5939	223.7779	270.8602	225.8926	207.3956	127.0345	209.3167	190.1335	325.3231	295.5774	269.9974	293.7629	237.0939	301.9881	244.4939	252.4045	231.931	391.4581	286.4677	337.0265
CUST_18671_PI429010886	N40199	0.08266	24	0						198.2503	184.1659	189.8316	195.2959	155.7638	170.2922	176.2631	148.9832	136.1246	176.5188	161.54	184.5131	123.5719	172.7406	142.069	163.6107	150.286	156.8624	170.9831	126.7579	125.2116	186.8543	195.0326	135.061	206.9171	167.6742	204.0536
CUST_43910_PI429010886	M64308	0.08828	18	0						17.74325	22.88357	25.40325	16.79088	13.14638	22.71614	11.30336	10.65167	20.74695	17.36679	19.03935	11.94281	8.637107	9.656691	13.89481	12.10865	25.05489	20.40111	20.89073	19.37939	29.93503	12.46997	19.13027	12.27925	14.38683	17.93968	20.17771
CUST_782_PI429010886	N7294	0.08287	21	3	67625710	TPA: endonuclease-reverse transcriptase [Schistoso			6.53E-23	NA	16.5713	7.454608	22.76882	NA	14.9512	NA	5.339308	4.487534	16.14788	4.300882	20.09393	4.634681	NA	NA	9.180913	4.79181	14.77827	7.535575	6.774547	11.62495	8.393397	NA		12.29952	33.86312	16.57372	16.77475
CUST_22738_PI429010886	N47579	0.08303	21	9						23.86864	21.93061	21.60172	25.62613	25.01541	28.96949	22.82362	31.19161	29.68097	41.16894	34.43474	31.94051	29.29243	30.32196	33.68931	49.73773	22.63247	32.83309	24.316	32.54901	32.64929	24.46354	32.95758	18.74045	31.89828	25.5267	39.50189
CUST_53956_PI429010886	M106868	0.08307	24	12	321462209	hypothetical protein DAPPUDRAFT_325521 [Daphni			1.93E-11	175.5204	214.6655	221.873	184.0938	189.5352	164.0384	183.4152	155.4149	184.1431	270.3602	184.0345	227.5328	139.5098	214.1014	216.6058	210.1212	197.1864	172.5243	176.0261	189.5923	235.8768	221.589	205.2668	27.5987	27.9987
CUST_7781_PI429010886	N22067	0.08307	15	0	541984961	PREDICTED: FAD-linked sulfhydryl oxidase ALR [Falc	Metabolic process	Oxidation-reduction process	6.14E-38	25.34926	28.10273	22.90764	26.12486	20.2329	15.42005	14.46778	14.05335	9.432782	22.76479	12.23461	22.41033	19.11878	19.69401	23.84605	34.87758	11.26345	14.46778	15.01453	18.21241	19.32542	14.71926	8.293632	11.70259	21.3985	22.5314	13.54122
CUST_15818_PI429010886	N35198	0.08307	15	0						55.30825	81.44839	91.30112	90.31563	77.02903	110.3616	38.45723	30.69467	33.05172	50.3553	75.11707	94.07093	41.68251	62.12557	63.39049	94.127	74.6525	104.6964	67.32283	52.57619	61.5955	61.911	45.6007	49.64767	97.73561	68.1364	70.4935
CUST_45470_PI429010886	M69207	0.08328	12	0						155.7012	193.9691	254.3377	156.2332	159.4512	131.879	152.6964	155.9427	201.9074	213.8072	177.1086	210.9393	178.4456	271.1821	220.7134	202.9774	127.3036	159.338	198.6919	180.8997	174.1781	181.9242	232.6257	173.8312	229.9104	201.5551	252.6775
CUST_29457_PI429010886	N59901	0.08328	12	0						129.0466	124.6537	160.2021	73.48596	99.31284	102.022	72.73041	107.8324	105.1478	139.4961	107.7787	147.2543	110.6854	162.1184	143.0445	161.6619	95.66411	112.1834	120.0318	103.9053	123.0412	156.1886	141.5508	82.01377	147.2771	143.002	164.2928
CUST_15392_PI429010886	N34507	0.08344	24	0						188.1161	176.5718	241.4042	165.2432	185.3252	120.7928	163.2888	150.4655	180.9857	235.1413	172.3811	110.0483	178.4123	138.7197	97.93806	96.64522	164.4613	93.9354	124.8573	141.3308	232.1818	89.6226	168.2221	172.408	207.2788	160.1816	267.177
CUST_35364_PI429010886	M12382	0.08344	15	3	321459829	hypothetical protein DAPPUDRAFT_217067 [Daphni	Metabolic process	Cellular amino acid metabolic process	1.8E-125	215.4042	207.3277	13.76031	339.6585	385.0916	285.4947	258.6664	85.10975	123.7403	24.929	30.77501	9.055842	130.0689	60.49322	121.9844	176.1772	74.27647	119.4425	145.2206	85.51349	26.81787	236.856	7.482892	136.597	112.6604	47.72724	11.91408
CUST_50299_PI429010886	M89359	0.08347	12	0						92.04256	67.59725	105.0612	99.52485	90.06088	137.6307	72.01712	78.40746	83.44238	101.6676	87.35248	135.78	107.4484	145.2206	154.0002	117.9689	86.4151	103.802	91.85305	86.13317	101.2088	109.8741	96.66502	75.93064	119.4271	158.9341	136.9283
CUST_6622_PI429010886	N20362	0.08365	18	6						25.78835	63.86613	29.94885	57.74713	38.40419	32.8295	86.27625	60.23492	97.84604	60.68591	36.69324	31.32056	42.44469	65.23612	38.63759	59.52293	26.28688	28.39147	61.27293	41.62677	49.41092	62.1467	39.0152	66.19578	59.80641	76.77824	62.38529
CUST_27230_PI429010886	M55676	0.08367	12	0						44.58054	32.09970	40.13683	13.68608	18.48442	26.54903	14.68799	21.9058	24.92189	11.0059	14.11808	17.67291	20.94544	26.66659	22.03473	33.32769	31.84284	29.02607	20.30178	18.74242	28.82674	20.34017	18.74242	27.11473	19.18474	30.18478
CUST_19976_PI429010886	N42546	0.08373	18	0						14.58939	22.76207	20.89073	38.88089	10.44304	20.4401	20.53338	4.816403	10.6773	11.92505	13.94276	10.17939	14.48423	8.267442	12.96066	18.69088	12.34868	14.33423	20.81747	14.8801	14.80005	17.132	10.10703	14.11041	6.62121	12.39561	NA
CUST_8558_PI429010886	N23221	0.08376	15	12						13.9828	26.62182	NA	9.015517	7.82506	10.13526	6.613886	11.40101	7.991765	13.3566	13.40566	7.101515	12.85526	13.36577	18.6803	12.01254	9.569411	14.00188	18.56579	14.9321	16.60305	6.538957	6.987277	7.426569	16.49199	12.75631	16.07261
CUST_55909_PI429010886	M112083	0.08383	18	15						26.80742	34.00967	25.4154	21.97852	26.4818	21.15749	12.75297	29.07242	17.95097	23.17379	23.29073	34.88888	29.82235	31.66434	26.03903	40.10273	22.69285	64.95763	37.40747	38.29927	29.76585	23.28379	23.45456	20.05201	44.70933	19.88004	15.50857
CUST_17810_PI429010886	N38634	0.08383	18	9	383860456	PREDICTED: probable deoxyhypusine synthase-like |	Protein metabolism	Cellular protein modification process	9.37E-35	22.10198	34.6933	23.68051	18.66111	23.32806	17.7744	22.42169	22.04311	16.45817	42.21564	30.41187	34.15487	28.25834	28.25834	28.49553	37.81392	22.62086	25.42315	23.4104	36.99652	29.72938	27.84094	15.59123	20.1154	40.2482	15.41864	25.59863
CUST_11578_PI429010886	N28063	0.08399	15	9						77.01708	39.22918	62.48649	35.00866	36.73877	27.51707	55.72398	55.05996	45.24266	57.1457	66.99196	81.01356	44.14799	84.48505	30.59095	65.29553	59.82242	55.45871	54.08177	52.05749	47.39274	47.16106	82.46901	41.8722	74.3064	59.58353	85.22504
CUST_1085_PI429010886	N8443	0.08399	24	18						566.7662	1021.127	795.1421	701.8561	777.7644	775.4257	730.0267	758.445	698.2239	858.518	810.9217	1206.475	889.7666	628.1675	765.2983	854.951	855.8158	946.2082	996.2576	1147.081	917.6743	861.813	908.1498	717.1047	966.7908	854.7156	909.757
CUST_4530_PI429010886	N16976	0.08412	18	3						269.6735	82.48421	198.1505	279.5586	377.4127	169.2967	355.6114	41.72747	23.46287	57.10423	216.2249	64.47443	25.01145	51.51243	20.3487	83.07834	74.63865	43.46708	196.1855	39.46416	326.7925	44.29926	474.8115	430.573	180.2368	25.46248	19.18718
CUST_7551_PI429010886	N21715	0.08443	18	12						15.56605	16.83941	5.028291	19.06154	15.51227	11.50042	17.45107	15.45106	17.11553	19.676	12.8607	30.0232	23.02438	22.39033	26.89938	28.98446	19.91373	21.96744	21.83723	23.3075	24.0077	14.37805	11.10317	6.424398	26.42807	36.30688	28.41001
CUST_1026_PI429010886

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_8141_PI429010886	N22594	0.08759	18	9	328506975	RuvB-like protein 2 [Penaeus monodon]	Nucleic acid metabolism	DNA metabolic process	1.8E-93	39.58144	39.18988	37.0569	25.50065	54.24368	23.13968	38.09087	86.55946	110.3513	58.597	97.97139	139.7174	81.73063	40.59908	76.95909	56.39304	35.38465	43.81829	36.85933	50.42986	40.37514	70.36056	50.4975	28.64267	59.2457	36.42394	52.17339
CUST_15797_PI429010886	N35166	0.008767	15	0						144.1866	163.1012	161.355	118.1115	122.3609	97.42055	119.1955	119.0241	108.2745	148.5892	106.1754	118.378	137.8924	121.0016	121.0512	160.9341	157.0634	125.0127	152.4677	157.1911	102.5545	134.8244	104.4835	113.475	139.7174	98.75692	128.7791
CUST_48348_PI429010886	M79949	0.0152	21	6	378556263	O-methyltransferase [Litopenaeus vannamei]	Metabolic process	Other	9.93E-27	116.3712	159.6044	127.0638	169.0201	250.0775	132.2265	184.6976	417.2965	359.1604	152.9711	301.7456	365.9198	244.2054	190.4186	179.2612	126.6828	167.2066	110.6336	184.4143	479.3073	230.2846	136.7921	140.3314	159.6292	143.1502	252.1291	170.1249
CUST_21659_PI429010886	N45609	0.08769	21	18						12.67545	12.18439	20.35525	NA			10.82328	26.34227	5.889332	5.779406	NA		10.39055	3.439819	10.21711	9.731006	6.355532	20.55297	16.11943	8.052649	13.23323	24.41741	16.37858	20.02647	20.72239	7.034635	17.16661	7.807289	10.21823
CUST_50496_PI429010886	M90011	0.008818	21	3						147.2113	94.1523	143.9014	137.7352	110.9478	156.6286	135.061	132.4891	113.0059	139.47	92.74338	110.6199	93.81682	117.9048	123.2423	104.3886	90.22371	116.2211	131.9637	89.49881	100.1395	105.7372	182.4397	130.1396	136.7329	164.3174	135.5426
CUST_11000_PI429010886	N27109	0.08823	24	18						154.6585	157.7092	206.9547	99.89328	104.6405	142.0394	161.1033	150.7034	159.5233	91.36505	189.3158	244.7282	134.1962	233.3995	179.7697	249.1317	170.6697	207.0705	254.095	190.6989	217.0982	200.5357	154.2903	123.8281	230.8271	132.1519	194.8405
CUST_30952_PI429010886	M294	0.08827	12	3						843.1506	843.5117	463.3861	880.6305	715.6525	987.5052	748.0078	567.2204	621.5625	530.8519	665.511	542.7169	715.8969	522.9557	563.9632	844.642	1005.713	776.1766	879.3705	607.9318	544.6485	653.8395	503.4817	689.3131	695.7952	598.9907	412.5292
CUST_53445_PI429010886	M101732	0.08859	12	0						75.70522	73.64901	53.63782	83.383	77.21633	71.81025	41.47082	63.66464	58.36968	83.39175	61.32192	60.97776	96.05386	73.15736	62.5561	68.95198	64.20475	46.11558	46.58823	43.62391	61.41511	103.6651	66.99079	74.15113	113.2976	78.55433	111.0395
CUST_46593_PI429010886	M73096	0.008862	21	15						36.6789	46.37163	35.36774	31.60035	46.66745	34.82515	21.55161	23.16293	26.15331	56.71651	41.30947	34.62398	29.88134	38.02052	32.45773	70.3766	43.70451	48.08498	35.53033	61.46235	40.57649	31.277	41.87571	26.27126	55.99321	22.64182	41.41686
CUST_18704_PI429010886	N40256	0.008862	18	3						3711.262	5769.917	5125.683	9864.87	5717.187	6026.937	4036.57	3218.113	4116.427	3092.843	2304.824	5133.687	2506.708	5853.91	2743.533	3876.188	1846.987	2604.753	2354.203	2975.526	6468.264	5819.009	6314.548	2890.576	5888.291	4031.594	3713.677
CUST_30586_PI429010886	N62174	0.00887	24	18						17.83632	4.590232	38.33099	4.39117	5.853359	31.90127	33.84879	9.960996	8.00182	48.31638	49.74933	46.36775	19.07608	20.93093	23.96204	20.14785	24.83878	32.45453	42.96811	75.96227	76.59109	77.91084	53.21879	46.69563	30.40511	56.50237	22.14748
CUST_40276_PI429010886	M52376	0.008872	21	3						17.69032	30.37957	20.1154	22.6112	35.55848	30.50322	40.50125	7.139757	25.03495	10.15754	18.05344	36.387	10.9288	16.50096	6.593457	9.02447	6.531816	44.95443	10.89307	14.40255	29.88417	20.35525	40.71531	48.53823	31.93333	35.48686	54.24943
CUST_22030_PI429010886	N46299	0.008885	21	0						47.06225	52.71843	62.12557	46.64901	40.13905	34.95466	29.24887	14.91902	27.49986	24.30558	35.88091	23.05482	35.02438	27.97666	28.743	41.34285	13.79507	26.01832	22.18079	26.55476	27.42777	44.91724	30.112	38.32192	36.07548	16.19477	35.56458
CUST_17444_PI429010886	N37974	0.008886	15	0						72.79951	88.3275	57.48318	78.93037	43.43161	37.02998	39.00627	64.29604	36.81664	61.5685	57.18723	68.25944	70.54693	70.42582	67.71039	74.08523	58.57388	81.2413	48.74628	86.05551	68.29796	61.45036	51.04982	54.17626	49.72048	52.26577	69.36484
CUST_57242_PI429010886	E2832	0.00891	18	9	56118690	ribonucleotide reductase M2, gene 2 [Xenopus (Silu	Metabolic process	Nucleobase-containing compound metabolic process	8.78E-19	34.93327	57.12722	21.96294	41.57514	34.25171	NA	46.98145	67.68545	63.67902	97.30444	45.7637	64.15379	90.23885	52.95164	59.21305	82.53975	48.42693	25.72198	42.09877	47.95255	44.62034	43.363	39.40978	28.87669	96.36676	14.66602	71.45222
CUST_24802_PI429010886	N51272	0.00897	15	0						24.51944	NA		20.45683	7.61532	9.59598	20.06979	11.12035	9.558027	7.42944	9.678005	7.393056	7.109363	12.43401	8.788925	13.45887	17.99612	21.17293	23.15281	10.49848	11.10065	8.865999	6.479275	20.22452	16.86851	9.142203	9.853418	13.48586
CUST_15885_PI429010886	N35297	0.008931	12	12	444707405	Fez family zinc finger protein 2 [Tupaia chinensis]			4.69E-09	46.71096	23.74918	26.34508	10.62697	11.51911	20.35525	19.78961	29.02946	14.22674	36.49611	27.26909	24.79862	33.5333	20.84115	29.0899	27.50644	23.82334	17.21639	30.21631	44.52812	18.09635	17.07004	37.56088	13.30229	15.71416	13.49109	15.15061
CUST_30350_PI429010886	N61689	0.008931	18	12						95.63731	113.8196	101.3667	61.50815	73.3681	68.95801	80.38356	86.07302	88.66033	106.3744	62.63151	93.71752	114.787	104.0321	116.332	123.0707	79.66167	64.6187	96.74817	85.41552	63.99533	104.8657	44.14799	72.22304	78.59764	106.7749	77.37108
CUST_14726_PI429010886	N33358	0.008934	21	3	405976720	Terminal uridylyltransferase 4 [Crassostrea gigas]			1.7E-19	20.53115	11.62339	NA	30.43159	19.91373	10.16697	24.35938	17.71272	11.97734	20.72239	10.41586	9.027092	17.25976	23.46752	10.72726	10.35813	8.198298	10.65599	16.27412	15.8263	17.18028	19.76503	9.672443	17.24927	23.16735	24.17916	21.25627
CUST_31253_PI429010886	M1084	0.008944	21	3	321478941	hypothetical protein DAPPUDRAFT_219955 [Daphni			6.14E-28	212.8057	350.6566	249.3844	372.2873	225.7224	263.4861	221.7682	207.1975	195.9288	260.9034	183.2331	328.4958	160.6252	249.4607	161.4564	244.4592	137.4175	177.2148	177.7855	250.7705	329.0813	249.3844	298.8597	202.438	288.1636	322.2737	272.3366
CUST_133_PI429010886	N1323	0.00895	21	0	321464825	hypothetical protein DAPPUDRAFT_306900 [Pronin metabolism		Cellular protein modification process	1.8E-97	519.4558	514.8406	499.7486	421.6972	425.4184	496.7325	475.032	414.8654	391.346	421.3888	412.0745	391.4581	415.3866	449.5149	509.7336	411.1038	502.3399	445.7286	464.6636	332.753	361.4417	495.7993	490.9356	504.949	452.6313	436.8338	363.0918
CUST_8212_PI429010886	N59493	0.008971	12	0						71.80124	108.8513	131.6163	116.1332	103.0771	95.04998	68.82889	89.50347	84.51934	77.57474	89.59424	83.32562	93.62063	120.6514	101.6576	97.17307	86.57696	90.08902	94.66116	80.49516	76.81746	98.41575	102.4202	102.772	126.7035	111.2659	102.4647
CUST_14539_PI429010886	N33048	0.008974	21	18						33.19476	42.29841	33.00184	19.3883	24.88909	35.63872	20.73682	20.62099	18.41342	29.44853	14.79157	112.064	20.49973	26.19976	38.24021	30.53018	30.17815	27.33369	40.66714	34.94529	29.41742	24.84953	30.06426	33.1299	26.8901	29.04567	29.32849
CUST_46524_PI429010886	M72897	0.008979	12	3	131573117	Mesenchytraeus solifugus alpha tubulin a2 mRNA,	Cellular component organization	Cytoskeleton organization	3.16E-67	661.6789	611.3709	331.8125	906.5131	728.4044	789.7368	648.9401	562.1725	528.618	484.2538	630.1031	332.1642	581.1144	449.1802	318.6212	602.4628	733.9745	778.2204	744.5402	383.1748	622.5542	725.0021	377.6304	766.1345	472.4043	435.3919	390.5304
CUST_9243_PI429010886	N24289	0.008982	18	3	157169410	dopamine beta hydroxylase [Aedes aegypti] >gi|10	Metabolic process	Cellular amino acid metabolic process	7.77E-24	386.5159	320.3749	340.1906	483.4448	402.4861	327.9176	401.3173	324.0592	281.735	312.6532	233.6069	207.0425	241.5575	335.74	270.0349	417.2023	420.9194	311.4551	443.7417	233.3267	319.1396	600.9036	324.4624	345.8615	356.6027	260.9414	210.3675
CUST_44746_PI429010886	M66862	0.008985	21	18						112.5793	95.28234	105.7372	98.39109	109.5048	75.3452	83.27348	94.69116	76.22636	106.097	90.54311	90.62378	84.63515	124.9376	99.17539	125.9169	101.7152	91.05924	103.5565	137.4175	129.1185	104.7461	109.0449	85.05317	128.6038	76.61613	108.6469
CUST_33302_PI429010886	M6543	0.009007	24	18						337.1609	362.6784	336.2223	270.8602	314.0114	291.3327	246.1025	256.1116	273.2194	345.2409	293.0543	360.7942	321.1502	426.1051	404.2573	439.659	298.2497	313.8962	319.448	482.8729	312.9412	456.0552	358.55	310.2077	390.1389	295.5186	326.8661
CUST_30721_PI429010886	N62475	0.009012	18	9						95.9511	117.9497	108.5779	79.62582	93.94852	78.90095	123.0412	107.955	136.3105	55.14182	126.6371	129.9538	109.6686	128.1445	123.1377	118.3064	104.7362	120.4315	93.81682	122.949	81.03057	97.24592	108.9872	64.6187	116.3712	79.15691	127.3036
CUST_5294_PI429010886	N18504	0.009025	12	3						755.8427	2541.147	101.9359	4131.811	2229.117	1856.885	1847.968	123.2423	1715.043	116.9944	71.09841	81.42898	396.0145	752.1706	1853.071	3883.492	163.051	2615.876	161.2028	299.389	109.2818	2306.592	66.022	1228.27	1040.536	183.6281	291.7598
CUST_56701_PI429010886	M114471	0.009039	21	6						476.7276	407.3532	601.0454	364.6302	483.2456	318.7622	424.5435	373.896	448.0031	498.6758	428.6284	422.3809	374.5146	359.8853	380.0505	476.8506	553.8505	371.9875	406.6708	450.5205	502.2828	446.8216	576.6597	443.1389	635.6512	512.4388	648.287
CUST_51499_PI429010886	M93736	0.009039	24	0						102.1933	124.4949	121.6835	94.25565	111.4345	101.2406	79.61927	59.55084	100.6681	80.61916	74.97194	97.40947	39.80101	64.47443	46.19956	108.3037	58.81306	50.21157	98.62916	70.00254	135.8973	47.41387	75.85953	65.84223	147.4736	61.96906	79.36014
CUST_1713_PI429010886	N10509	0.009053	15	12						914.6851	1761.883	1325.228	690.6945	790.3406	860.1543	610.2139	637.6126	635.6512	1269.191	920.0256	1165.381	1133.023	1459.126	1599.783	1261.977	867.8685	877.6784	1462.44	1062.278	1220.236	1012.95	1155.687	1015.362	1373.036	1076.944	1428.874
CUST_24989_PI429010886	N51593	0.009053	15	12						16.22239	26.98251	25.06956	16.39729	21.62429	17.97978	18.24494	15.39298	19.33417	28.49553	25.16709	36.04028	27.92219	35.82359	36.04028	29.32033	19.80461	30.25328	22.8759	17.03078	31.02055	32.00727	19.37234	22.06665	23.30384	25.41357	32.75472
CUST_33576_PI429010886	M7318	0.009057	21	0						56.30906	46.71096	33.3468	43.56595	24.8201	30.9626	30.72063	36.53812	26.97875	45.22744	28.01868	27.384	40.42785	21.61291	24.72623	48.72124	37.52322	27.07492	40.76277	47.32005	30.88328	56.91814	39.08829	49.67248	36.90619	39.71872	30.26846
CUST_55221_PI429010886	M109172	0.009058	24	21	431895738	5'-AMP-activated protein kinase subunit gamma-2 [			5.25E-08	49.81001	30.96855	39.75659	39.61454	35.1685	37.48336	34.4458	29.54213	27.45261	103.7009	32.70652	33.72458	32.9302	48.99962	48.80089	39.45879	26.48449	32.3787	35.11564	66.13621	37.40747	73.35296	54.94382	70.02979	72.44795	93.56818	44.02245
CUST_11253_PI429010886	N27517	0.009058	24	21						28.58408	17.74945	19.3208	13.85139	23.13337	8.73506	14.70218	13.94862	14.47943	13.72321	19.07608	26.33364	20.69763	16.08792	18.20618	19.26372	18.89947	24.78255	24.17334	24.69594	18.89688	29.9042	20.80589	24.16612	23.02707	20.05683	16.95326
CUST_55735_PI429010886	M111521	0.009075	18	9						22.61839	37.78218	18.83139	66.46046	83.87586	37.0175	91.66231	214.7684	137.2358	62.75575	157.4775	140.8976	116.1033	40.53866	50.12589	8.786108	68.93293	3.958611	12.41359	259.2052	82.29118	25.30072	87.53485	85.24568	9.593653	99.22324	110.2887
CUST_19694_PI429010886	N42023	0.009098	21	15						59.48243	67.69277	65.88576	43.81481	46.65817	43.67532	49.21663	57.60743	56.94451	76.03079	62.02406	87.88231	50.5231	43.82673	59.65312	67.45213	77.98525	69.04216	73.12656	44.24444	60.38361	69.93057	87.6112	80.38356	60.13681	44.18564	36.61393
CUST_34689_PI429010886	N10357	0.009101	18	15						192.8746	197.1816	196.9798	156.4282	167.2309	179.5282	182.965	177.4241	141.5508	186.3153	175.1085	234.8913	229.245	213.6068	195.4236	261.1858	217.7746	220.7455	218.804	257.3277	316.6217	228.5018	171.9322	139.6239	235.7566	172.9784	211.0494
CUST_4724_PI429010886	N17248	0.009101	18	12						167.8053	120.3098	113.7768	107.8082	74.40209	77.33177	104.3742	81.2413	121.9963	117.4327	90.02313	88.05483	125.8218	98.8481	113.1069	157.6878	117.4074	114.3443	120.1819	93.8538	77.3067	108.5643	101.2851	119.1291	99.3573	69.9575	
CUST_18440_PI429010886	N39804	0.009118	21	0						37.84521	22.16225	29.63396	21.29581	40.67008	21.79421	45.7065	5.269474	15.42195	14.4735	11.82579	20.86339	11.53244	13.95459	23.21071	36.69997	24.07489	19.90878	28.48649	13.07517	20.14149	31.25517	45.3644	27.28673	20.66168	34.71929	28.66257
CUST_10747_PI429010886	N26721	0.00912	15	12						252.0389	233.0458	358.4672	180.8117	213.4663	173.3934	250.587	369.1054	407.6622	399.8374	244.9337	308.0149	331.1092	473.1073	345.639	285.2001	327.6399	225.5895	262.4225	277.9328	269.7651	299.389	317.9758	178.1983	593.1266	271.4416	479.6761
CUST_23520_PI429010886	N48973	0.009123	15	0						114.7256	141.2899	124.2426	123.7165	127.5671	110.5384	68.69041	82.47663	68.25442	77.84895	127.1579	106.872	85.50355	78.00387	64.20475	212.0939	146.0474	97.25472	131.1671	91.58478	84.1835	58.81306	98.95253	96.37601	102.8709	86.3602	81.72278
CUST_15010_PI429010886	N33856	0.009124	21	3						13.30659	14.15692	36.85229	26.14767	31.28349	39.06616	19.42689	20.56778	28.92063	25.97958	26.99024	43.16246	19.84447	25.26607	24.61812	16.81795	19.73697	18.30186	20.21114	24.97999	14.38818	26.78191	24.80361	13.36864	25.37889	25.62143	42.09877
CUST_47871_PI429010886	M77961	0.009124	9	9	213950420	nitric oxide synthase [Penaeus monodon]	Metabolic process	Oxidation-reduction process	2.87E-43	69.64081	50.97047	79.26902	44.47869	43.44981	10.27942	28.80255	53.02384	61.82662	73.803	48.02359	94.63457	54.28784	65.95253	64.04953	46.72383	39.14518	45.00065	64.40125	60.0207	69.19616	71.32452	87.94324	31.52633	96.55629	45.45728	65.39564
CUST_19307_PI429010886	N41357	0.00915	24	0	322779472	hypothetical protein SINV_07997 [Solenopsis invicta			1.04E-11	46.27883	35.98369	49.81358	32.68104	34.46849	44.61606	38.35721	29.63867	22.49197	51.28378	27.9866	21.7968	31.19434	20.55898	28.64539	35.98798	44.05675	35.11191	21.44644	37.35904	44.331	52.034	33.49853	28.93067	55.90718	46.20996	34.86394
CUST_43874_PI429010886	M64208	0.009157	15	12	321463591	hypothetical protein DAPPUDRAFT_307190 [Daphni			1.84E-29	10.96072	14.95429	11.36478	12.77316	9.428784	NA		5.732347	6.779829	4.591596	10.38108	11.21679	10.84227	24.97999	NA		10.42904	16.07261	8.771173	9.928945	5.920001	13.83521	NA		10.41462	NA		5.069505	8.687252	11.22853	15.27919
CUST_29077_PI429010886	N59152	0.009165	24	0						38.23666	42.50508	39.18988	51.50234	30.72417	32.68104	27.61589	27.71021	25.92266	47.27187	42.41594	36.7523	25.63163	21.61979	18.12837	36.50859	22.89148	29.9971	14.20045	27.56643	29.61255	35.04798	34.51949	29.00151	47.57729	26.38969	45.77355
CUST_41687_PI429010886	N45310	0.009177	24	21						169.1571	183.6032	146.902	135.6965	155.5309	139.3127	100.5206	125.4314	129.3867	196.9122	146.585	135.0274	121.1828	156.4704	163.7139	238.5428	169.7295	192.2277	172.2604	188.1397	154.6476	172.2706	162.1214	151.2104	189.1014		
CUST_25966_PI429010886	N53401	0.009172	24	12						209.1953	251.404	333.9444	187.276	260.1739	318.4396	219.0379	328.0426	396.0145	349.8347	261.922	323.8952	450.7936	496.875	421.125	276.7604	509.3966	431.3053	376.1162	279.6215	462.321	448.7865	448.199	233.2127	392.2104	308.2184	352.7559
CUST_37968_PI429010886	M22502	0.009175	18	0						89.56339	NA		117.9497	41.78277	56.19324	82.50766	65.3527	31.84731	12.6619	15.09234	59.94958	NA		12.14661	8.624589	6.20008	5.453763	102.7028	35.23447	94.50596	NA		36.05134	NA		43.46213	50.32404	NA		11.55275	4.262104
CUST_39399_PI429010886	M38859	0.009182	21	18						210.676	339.8212	206.7246	164.1481	243.718	188.3767	144.9176	101.2406	175.8238	206.1326	186.6799	365.1838	206.6019	232.3859	265.0674	391.0528	115.2692	297.7533	235.4286	244.1166	241.0846	302.4151	203.453	199.2344	240.2928	186.0312	209.7275
CUST_5758_PI429010886	N19159	0.009213	18	12						56.99104	51.74182	55.16975	45.63167	55.33057	46.41914	54.04881	38.54256	28.99859	76.04812	52.70775	55.16975	89.20945	58.83776	71.77967	81.89181	53.89507	56.19324	51.04482	74.34861	41.02914	83.20205	49.09733	39.21751	67.1799	38.34336	49.21104
CUST_28096_PI429010886	N57291	0.009214	18	15						10.90286	14.29674	9.035702	8.772272	NA		9.593653	3.936096	6.95796	6.374853	10.6198	12.3974	NA		6.022117	18.94687	NA		7.585958	20.20612	11.05595	8.883037	10.44304	6.115219	6.530509	8.045043	NA		4.53374	NA		6.21618
CUST_5196_PI429010886	N18387	0.009214	15	9	383860504	PREDICTED: 75K snRNA methylphosphate capping e			3.18E-82	155.979	162.2752	160.3693	111.4345	115.4469	134.5558	115.8704	159.2049	164.3967	168.9219	150.5005	227.4117	149.8536	229.0179	181.7953	163.7445	124.9376	144.6167	133.4505	167.3467	144.77	181.5403	208.3478	118.3504	221.5021	160.5552	204.629	
CUST_34443_PI429010886	M9692	0.009221	18	9						86.67105	100.2834	97.63395	78.78492	89.70412	80.62509	90.45788	244.8254	157.7938	95.13953	511.4224	563.7899	187.0999	84.85912	170.7553	100.6058	123.2747	73.15736	81.12186	613.2651	134.3489	87.19276	95.81155	74.69976	114.1483	108.2888	180.9607
CUST_16086_PI429010886	N35631	0.009221	18	15						734.7434	1051.932	625.8341	911.24	678.7702	716.5268	643.9207	640.6647	553.6437	656.7764	665.3114	799.8512	709.3475	554.3622	715.6525	1227.773	774.0266	850.7537	789.4136	913.4609	604.5341	1111.525	581.9863	746.1542	690.4518	635.2846	538.4051
CUST_12476_PI429010886	N25125	0.009221	18	15						21.51868	31.70016	31.78686	22.43908	22.59328	22.19563	23.59085	18.02463	23.91945	24.24502	32.62278	27.96355	21.2878	27.0727	24.983	34.40003	18.02017	23.94553	19.75822	19.80821	18.28623	20.84621	21.81881	18.28623	19.84567	21.33598	
CUST_28642_PI429010886	N58342	0.009221	18	9	260833120	hypothetical protein BRAFLDRAFT_63860 [Branchio			2.51E-10	82.65719	25.41871	79.55126	34.04318	49.5373	40.13905	36.00421	78.101	85.17215	152.8609	31.99517	90.08902	69.08039	56.38454	77.5823	51.67859	53.46776	71.91814	31.65825	58.40782	62.3113	40.43694	23.1013	23.94659	69.82119	57.59047	75.56946	
CUST_30297_PI429010886	N61574	0.009221	21	18						18.52264	31.95868	52.15768	16.35532	13.96684	14.06235	13.68648	32.42053	14.71926	32.44657	20.07209	27.22484	30.18478	41.22879	30.57659	31.30771	33.97728	27.9603	32.79355	18.37554	28.17154	22.96293	28.43068	14.93734	29.81183	22.55992	27.8201	
CUST_3308_PI429010886	N14229	0.009241	15	12						101.4752	108.048	134.4594	87.97637	107.7388	87.10078	90.31563	105.0471	114.4714	117.847	113.9832	185.0712	106.8104	136.4498	137.8443	132.88	119.1161	145.4832	96.92806	91.90153	118.3064	132.9281	108.4314	94.85349	160.0108	102.7524	143.6702	
CUST_20422_PI429010886	N43410	0.009241	15	9						75.62563	88.40608	70.43457	34.29142	69.72451	67.79099	85.60322	71.32452	77.49116	86.46205	70.52611	77.3067	66.33339	73.54244	74.3404	83.66854	59.90035	63.04603	61.69829	59.84297	67.02702	78.73486	74.99621	71.38963	84.46837	63.34468	93.38696
CUST_10539_PI429010886	N26390	0.00927	21	15						24.04426	18.69874	23.01108	14.1847	22.22589	23.26561	16.50225	9.606473	15.78638	16.01307	13.43446	6.598712	20.71812	14.19691	15.79004	21.25027	28.09437	29.82479	25.71973	19.96799	23.62598	18.88759	19.15208	13.532	39.0395	18.53665	33.39183
CUST_27164_PI429010886	N55561	0.009273	24	0						27.60563	24.58762	12.73533	21.14763	24.09666	21.18978	15.31157	18.65486	14.18148	9.179429	13.04197	6.599438	13.74195	11.54499	21.70738	23.20138	28.28914	14.72118	20.69091	24.135	14.90361	34.15487	14.90751	16.59282	31.98439	16.90499	15.56439
CUST_617_PI429010886	N6342	0.009288	21	6	528746117	C-type lectin 3 [Fenneropenaeus merguiensis]			1.72E-21	4.463887	170.2053	76.00655	297.3146	294.596	373.1186	439.0329	2254.33	1650.747	113.525	2030.719	2428.103	346.6366	136.2681	256.6122	NA		332.0505	NA		49.69905	4001.148	1486.604	NA		206.7552	108.2468	NA		1308.744	834.3363	
CUST_55320_PI429010886	M109553	0.009294	24	21						233.7917	252.0883	230.4393	221.852	265.3779	254.189	215.9006	207.9906	205.2221	258.4896	222.3465	231.931	202.005	242.5125	145.8314	312.052	239.4694	222.9689	201.4211	268.7796	237.1988	292.258	263.6263	271.0212	292.6509	217.6655	266.0394	
CUST_29188_PI429010886	N59357	0.009294	24	21	

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
										97.84604	135.061	108.7487	111.0532	97.6483	100.8047	97.70002	121.3175	108.657	170.596	88.19572	138.6217	108.5223	149.2244	143.2735	140.7156	85.62172	105.0723	98.97177	102.4425	102.8301	90.27604	96.38791	86.47473	135.1811	137.2358	116.6682
CUST_14047_PI42901086	N32245	0.00948	18	12						85.40569	89.02227	88.62563	83.66854	101.6869	100.651	74.66823	57.51177	57.3007	76.74889	87.2868	86.63308	47.3028	83.78522	36.45907	108.6016	101.3025	111.5216	99.94463	74.04651	93.56818	89.70412	106.9212	121.8904	97.40947	83.67885	84.1757
CUST_33926_PI42901086	M8257	0.00956	24	21	291225731	PREDICTED: kinesin family member 21A-like [Saccoglossus kowalevskii]	Cellular component organization	Cytoskeleton organization	2.26E-94	32.22977	8.812213	26.47532	20.62307	18.15465	12.95945	13.9022	11.96331	13.33386	8.195858	13.15317	19.89384	10.7921	7.915611	23.43097	25.56371	17.78988	27.66624	28.29331	21.72163	20.11768	16.79517	19.85432	10.63417	11.58688	8.372351	16.36491
CUST_26931_PI42901086	N55145	0.00977	15	6						37.81392	32.21099	36.89165	40.1303	26.0691	31.74737	23.79918	48.26954	30.68719	22.74317	19.95634	25.35443	30.16973	18.55113	40.59586	27.38684	31.00851	31.16892	23.94321	27.75759	31.70409	36.57353	31.11066	27.75759	27.4692	24.5556
CUST_20424_PI42901086	N43412	0.00987	21	6						12.87351	20.9065	18.4372	15.10512	16.00911	3.813663	23.75572	12.40589	17.63322	22.50429	52.645	16.03532	19.12346	12.19407	NA	17.33696	36.80555	23.30987	17.12595	NA	20.72678	17.68291	17.08381	7.26746	16.59282	12.01881	9.032579
CUST_22316_PI42901086	N46801	0.00988	24	21	395751682	PREDICTED: zinc finger protein 528-like [Pongo abelii]			8.2E-09	20.50772	16.82979	18.14494	11.96496	32.55113	33.13396	19.83923	20.10327	11.89545	14.47801	22.56723	14.21003	15.45319	19.56129	9.641424	33.30259	29.79322	16.12393	23.05482	37.86895	20.15023	35.32273	25.10042	40.99957	23.86522	16.10523	15.51619
CUST_7057_PI42901086	N20977	0.00989	17	5						120.3504	129.1009	109.1565	142.194	137.0338	151.1369	105.7587	112.2867	110.0909	115.1182	116.4584	119.4919	88.01513	90.13978	108.3885	103.3395	140.036	118.04	112.7046	129.6012	112.304	154.0296	100.965	119.5708	130.8588	96.25237	99.18362
CUST_19135_PI42901086	N41028	0.00990	17	15						12.87351	20.9065	18.4372	15.10512	16.00911	3.813663	23.75572	12.40589	17.63322	22.50429	52.645	16.03532	19.12346	12.19407	NA	17.33696	36.80555	23.30987	17.12595	NA	20.72678	17.68291	17.08381	7.26746	16.59282	12.01881	9.032579
CUST_37885_PI42901086	M22046	0.00975	15	9	149675211	cuticle proprotein proCP5.2 [Callinectes sapidus]			8.11E-41	3190.091	1237.49	4803.756	1145.481	793.8063	1035.008	2949.668	13070.61	11454.19	12916.14	5911.575	7536.588	10130.67	2008.21	11710.39	2130.831	8165.772	840.3682	3407.322	10760.71	2934.424	23420.74	13275.24	1200.709	25677.47	5572.884	26218.61
CUST_36528_PI42901086	M16147	0.00974	21	0						289.7899	281.1462	247.4599	137.0338	229.6175	228.9161	188.2724	184.5783	126.8447	196.9798	169.7046	139.6056	123.5431	181.2412	145.6295	290.0281	305.5566	269.8655	62.31885	171.7375	148.9405	273.3216	149.4495	299.285	235.3127	210.8661	231.2637
CUST_39355_PI42901086	M38223	0.00949	15	12						5471.152	442.9673	15922.04	245.3246	525.2083	394.8342	8094.902	21119.13	17110.44	14229.78	2667.238	3849.875	17837.74	25136.37	12630.84	1066.114	9670.846	530.3833	4676.187	4415.4	2065.573	11983.26	15813	2607.508	24777.72	2370.125	23818.16
CUST_1663_PI42901086	N10381	0.00949	15	12						211.7401	226.8346	367.6066	210.6087	222.9038	241.638	227.6752	239.521	278.3606	278.397	249.422	330.3127	276.9079	386.6669	289.4881	288.0337	247.2726	268.9771	244.3511	252.5323	267.1348	296.266	314.9323	270.2125	339.0413	265.1181	367.27
CUST_7354_PI42901086	N21412	0.00969	15	12	328782794	PREDICTED: HEAT repeat-containing protein 3-like [			2.16E-24	33.32679	28.49131	28.42343	23.43812	29.97696	34.15487	24.02357	17.67943	17.08729	58.4208	37.21299	33.45717	27.13002	48.80089	46.991	37.74785	20.09393	21.10951	26.40308	34.93227	27.71267	28.07949	17.25469	18.42696	19.8522	20.64798	44.92544
CUST_18549_PI42901086	N39994	0.00949	15	3						58.50555	53.14405	64.60382	52.74988	43.5699	63.67902	51.0829	67.53545	69.87848	68.1364	64.50087	87.99607	44.84989	90.18249	91.79308	74.14418	52.96132	69.76028	52.2877	47.14504	62.5758	86.46205	61.59565	55.11221	64.19796	80.71386	77.33177
CUST_2334_PI42901086	N12126	0.00955	12	3	383862421	PREDICTED: uncharacterized protein LOC100877202			4.07E-28	145.794	150.0225	147.3218	182.4397	183.4152	220.485	167.0802	135.5237	97.58263	153.0166	158.5157	109.9447	129.4503	131.5799	166.1459	176.2631	174.3026	186.0881	184.458	153.2544	160.5038	177.3713	141.0258	131.39	119.8572	157.1144	142.124
CUST_36342_PI42901086	M15663	0.00956	12	0						26.07711	43.48893	23.83766	17.76083	17.29005	19.47376	13.85598	9.855895	14.41572	24.43879	19.0844	34.61592	15.17932	21.33841	30.91745	32.63646	17.81636	21.11131	15.71416	23.65146	19.50301	23.6747	20.93304	16.49199	21.35072	32.08763	28.63701
CUST_21448_PI42901086	N45241	0.00956	12	0						106.298	116.516	105.1478	102.8709	71.14036	101.5014	83.57768	85.67865	78.25555	102.3532	79.48728	102.0104	80.71386	81.60393	110.9726	131.4266	77.43118	94.02768	79.91242	76.674	97.05352	104.1211	95.84863	76.95909	123.5563	145.5389	123.7589
CUST_7688_PI42901086	N21924	0.00964	21	6						1125.765	929.9665	1225.452	689.6848	970.6979	898.9921	1061.463	771.0971	983.8663	1054.702	907.1459	1178.991	659.1977	1245.02	1065.852	1144.662	1233.738	962.8744	1085.565	1052.869	1267.999	1310.544	1422.337	1324.694	1616.675	1407.859	1932.967
CUST_17553_PI42901086	N38167	0.00964	24	18						49.57451	52.89696	52.45794	47.02813	40.40197	39.78059	49.67248	39.97268	55.74249	52.2877	52.53463	47.24387	49.2211	47.21974	46.56491	63.105	62.66235	50.70349	67.45213	58.84482	54.37737	62.07028	49.54106	44.59831	73.91159	41.99242	56.53962
CUST_22419_PI42901086	N46994	0.00964	24	18						23.12065	15.73405	28.79502	13.21125	15.60693	22.9227	20.96144	25.31087	18.03368	27.99024	18.74035	18.19015	19.16281	22.33151	21.92688	27.51937	27.76033	26.27382	35.39506	24.87526	30.6513	20.41547	22.62281	24.88119	22.66333	32.44005	28.05565
CUST_8783_PI42901086	N23581	0.00971	24	3	321459261	hypothetical protein DAPPUDRAFT_300520 [Daphnia			5.62E-07	247.4184	198.7421	183.528	311.8796	169.3396	289.2842	261.4208	203.7918	270.1288	192.1174	135.5426	124.7428	226.5039	200.85	223.7478	188.591	157.9028	176.1772	167.2734	138.2244	148.65	174.4245	162.3689	218.5606	184.3061	220.8169	137.6717
CUST_17426_PI42901086	N37941	0.00968	24	12						26.19664	34.02396	36.22069	28.79209	38.80417	42.1461	28.00512	37.48336	41.18311	47.7103	36.41327	62.86517	35.9369	37.69724	39.56391	36.07548	34.78102	55.41559	33.63168	39.27214	36.29774	54.89949	39.49607	70.15478	60.79572	41.78704	58.27728
CUST_15269_PI42901086	N109401	0.00967	26	6						98.92872	94.24344	98.52867	87.12671	96.75892	83.85047	86.30175	92.96667	77.48229	94.30105	79.36987	71.37464	106.3173	90.09804	68.70977	81.44042	98.45237	83.83478	79.55942	91.49463	97.17669	108.6304	90.97139	106.4305	97.12713	90.75806	103.3291
CUST_32762_PI42901086	M5057	0.00913	12	0	332376103	unknown [Dendroctonus ponderosae] >gi|4782596 Nucleic acid metabolism		Regulation of gene expression	2.12E-76	NA	11.73913	7.895988	8.205981	5.032873	7.352114	4.285592	6.132189	6.212154	9.145807	8.892843	8.286303	7.553772	15.52381	4.630769	NA	6.982708	11.01284	NA	4.973007	5.195945	NA	8.997185	9.188895	18.66273	11.01084	19.11453
CUST_34791_PI42901086	M10681	0.0082	24	0						257.4087	237.506	242.9704	200.041	227.0266	224.9139	241.3477	190.0092	206.5059	325.5645	220.7455	232.8026	191.0327	219.2633	176.7077	222.3465	231.2637	215.0582	212.606	247.0088	210.0239	287.3657	217.0351	202.262	321.5473	251.2548	260.9776
CUST_57181_PI42901086	E2164	0.00934	15	9	260834581	hypothetical protein BRAFLDRAFT_221908 [Branchi			6.18E-25	1483.935	2218.572	1347.753	947.8741	756.4835	163.5179	584.5557	966.1688	1415.482	3477.696	2042.507	3197.843	1742.655	1601.861	2306.592	4190.35	669.0767	2047.628	1834.08	1497.781	2020.188	2770.165	1464.638	392.0959	3641.417	2373.328	4144.215
CUST_43004_PI42901086	M61827	0.00934	15	0						143.3816	120.4034	120.6113	116.7957	109.2686	91.8369	124.7213	55.63288	80.31713	95.61724	49.96135	94.09795	103.2145	108.3441	95.9293	186.1374	152.8609	138.1473	82.39034	121.1638	66.59221	129.7547	32.98635	64.99075	185.7639	86.2674	154.6585
CUST_14835_PI42901086	N33548	0.00934	15	9						295.3859	785.2299	974.3808	622.9374	848.334	395.2528	135.074	1639.617	2588.897	3074.469	1729.171	3597.224	1989.387	4955.555	3713.677	2821.243	617.9947	1588.254	1230.543	2435.819	1103.847	7347.807	2464.001	395.6626	6802.929	2648.384	8046.364
CUST_30311_PI42901086	N61603	0.00938	15	12	405951572	1-phosphatidylinositol-4,5-bisphosphate phosphodi Signal transduction		Intracellular signal transduction	1.57E-12	39.90155	40.68218	33.4065	33.38385	23.43377	28.53623	26.04444	33.57067	27.64478	30.56193	35.76744	37.69724	41.56705	48.01961	42.29018	59.25275	37.81392	40.24278	45.03054	38.37256	25.48335	36.14912	36.82802	27.95506	46.66745	23.95732	49.25815
CUST_24230_PI42901086	N50268	0.00961	24	0						7.467895	11.412	NA	11.84887	4.678772	4.439445	3.683135	7.284707	5.958556	4.091511	4.238098	4.920313	5.965808	4.482425	4.637609	10.49992	5.622844	NA	8.964575	NA	NA	37.81392	NA	5.327	5.97707	NA	12.75631
CUST_56917_PI42901086	N114898	0.00965	24	0						647.5069	874.5756	980.1159	572.0401	663.9332	947.2744	660.6635	647.6977	747.2269	794.1984	778.415	1328.909	756.1137	1236.95	972.1119	979.2899	753.9359	860.1543	745.5335	762.7979	738.2204	702.7088	736.7863	678.7202	895.8021	924.0246	996.2576
CUST_32908_PI42901086	M5443	0.00965	15	12	242007544	Pediculus humanus corporis protein Mo25, putative			2.03E-63	149.831	155.8611	167.6024	110.1779	117.9302	123.2882	141.7485	110.1036	139.419	179.0372	138.6419	192.922	155.5309	186.4927	230.4843	193.108	117.5843	144.4224	149.9738	117.4193	166.0195	126.3312	130.5635	192.4758	138.2381	122.2769
CUST_52611_PI42901086	M98162	0.00965	15	12						13.93866	10.86536	16.77789	7.637236	11.11474	12.05879	10.04473	12.52875	17.99612	17.4849	16.59129	11.99091	9.381836	23.2298	19.49659	19.47107	5.148826	21.23667	7.30278	8.919059	13.80323	12.55445	11.56849	14.36186	19.28281	20.15665	16.26559
CUST_49303_PI42901086	M85100	0.00967	21	12	307212786	Myosin heavy chain, muscle [Harpegnathos saltator			4.46E-47	9.956467	7.980175	3.25959	7.234602	8.128829	9.86011	19.20795	NA	9.033618	12.66733	13.15835	13.19962	12.07145	16.19744	8.490289	8.339436	10.65864	17.85771	13.44053	7.010504	16.16705	NA	8.236094	5.542516	10.2728	7.208745	6.724594	
CUST_29907_PI42901086	N60797	0.00968	12	0						11.86764	28.53867	37.47945	9.071169	18.46255	10.9756	14.29674	11.4448	9.375364	21.03267	15.00483	15.51227	19.42289	20.77162	21.64331	18.12837	15.9198	19.28584	8.800802	21.7761	20.5469	12.04026	19.93091	12.68973	25.20056	28.72783	30.81978
CUST_44847_PI42901086	M67189	0.00973	15	9	260829971	hypothetical protein BRAFLDRAFT_114926 [Branchi Nucleic acid metabolism		Transcription, DNA-dependent	2.94E-19	5.885176	14.92766	9.636382	NA	9.945177	7.034635	5.9437	10.50262	8.707775	19.14778	9.573493	38.02365	4.996795	13.05889	15.74407	10.5119	6.105375	NA	7.127057	8.207161	6.507788	15.38273	10.22803	12.73533	14.2983	17.34168	15.55875
CUST_25801_PI42901086	N53086	0.00974	12	3	157125446	four and a half lim domains [Aedes aegypti] >gi|108			6.67E-64	43.9859	46.56491	44.4293	60.84782	50.69191	59.18336	54.59618	61.70387	47.27187	45.06422	40.33441	36.94944	37.35358	31.76715	38.0368	50.56281	84.70201	64.85632	140.7918	41.28276	43.22574	52.46763	33.60101	49.18419	40.74434	63.48536	36.59066
CUST_12944_PI42901086	N30321	0.00982	24	3	488511459	PREDICTED: rho GTPase-activating protein 18 [Dasy			3.53E-08	24.99534	20.04708	22.3415	25.25647	19.19334	32.97999	19.13174	18.15141	13.58003	13.00717	16.99042	14.1264	11.21679	14.09213	22.68707	12.54217	11.41753	17.23883	14.06114	6.220117	11.11331	14.98521	21.13052	21.21967	9.739447	18.74405	11.04457
CUST_9516_PI42901086	N24768	0.00989	18	12						52.40666	59.52835	49.03345	38.46426	44.59831	44.56286	44.06771	55.82952	38.30957	66.66314	53.00119	61.2231	66.55641	62.45053	64.62304	58.20859	65.74131	46.33994	70.59503	53.38382	52.82166	59.18762	51.53321	44.85517	55.55289	46.62146	72.98413
CUST_48967_PI42901086	M83231	0.00989	24	21	307715368	arginine kinase 1 [Macrobrachium rosenbergii]			9.16E-29	29.44199	24.135	18.94519	28.08525	18.25337	24.84355	12.82706	17.26917	13.99028	15.4643	28.70795	20.79184	12.05188	23.67253	16.13004	13.85598	25.50611	16.26898	23.60348	19.7129	23.78208	25.92862	28.84371	28.11334	36.75622	23.24144	19.4153
CUST_3292_PI42901086	N5201	0.00989	24	21						23.15821	64.68215	46.20996	29.56124	38.26425	23.13699	36.93108	42.15632	44.42567	64.31019	51.17489	46.81158	45.03911	48.84923	44.24444	52.97067	33.4206	66.20978	43.6566	42.15632	42.09868	54.50277	36.4206	66.20978	48.6393		
CUST_19269_PI42901086	N41278	0.00905	24	18	443735033	hypothetical protein CAPTEDRAFT_226782 [Capitell			1.76E-11	29.09612	22.37068	27.00978	35.54827	25.94889	28.743	15.82481	36.52268	25.89716	27.27234	30.37057	28.39724	29.47231	39.67041	37.57841	44.4641	32.16133	35.06879	40.43694	53.58478	33.70252	33.95872	37.28683	28.99306	38.92288	27.27234	33.63068
CUST_30266_PI42901086	N61518	0.00991	12	6						8.692145	6.239269	11.44011	27.02172	9.004162	13.24259	15.07523	35.21227	22.40379	5.744855	13.23183	11.97517	12.60293	7.893242	7.492805	NA	25.85184	16.03903	27.36061	12.21352	43.95205	9.460042	19.07608	14.66408	10.32671	13.97235	17.37315
CUST_47653_PI42901086	M77058	0.00918	21	3						47.11037	49.40038	62.71939	46.11982	57.7399	67.7616	59.12378	45.4417	54.7161	54.99653	45.6007	53.57981	46.30865	45.77928	42.99716	57.96208	50.10697	51.49762	48.68295	51.95916	57.85675	48.95474	63.29578	48.75681	90.44569	66.26094	83.66854
CUST_13911_PI42901086	N31991	0.00919	18	0						238.5008	209.1269	264.3268	165.2714	202.7615	204.6898	246.5795	183.091	162.8265	249.8541	155.3897	154.1139	205.8446	231.0331	194.1492	198.8604	191.886	205.3314	274.7936	192.363	241.9617	206.0055	218.7669	196.7037	159.9648	140.9396	159.1708
CUST_20955_PI42901086	N44368	0.00936	21	9						109.3295	89.94573	113.8871	110.9326	91.12979	113.8702	96.84604	119.0883	120.1692	121.5472	114.0787	148.0276	98.92872	142.0394	129.6714	110.8741	113.1942	128.5685	111.1891	142.4549	97.65941	109.7631	105.8984	76.61613	129.9538	95.5926	118.275
CUST_6808_PI42901086	N20627	0.0094	18	15	546683481	hypothetical protein D910_10583 [Dendroctonus pa			7.31E-48	37.2354	50.80674	71.01876	31.20492	25.79616	36.08065	43.86454	45.03054	53.25946	35.39506	57.71752	71.18045	40.1276	48.6393	59.94215	69.74095	56.74919	61.69829	63.54619	43.56037	51.42128	55.62798	36.45455	27.18226	63.11741	60.73689	55.24489
CUST_51759_PI42901086	M94916	0.00952	15	9						69.15357	87.08384	117.0501	47.05803	76.04812	64.4873	38.85712	117.1353	189.9402	151.0368	148.4035	184.9825	96.44756	161.5046	134.8627	188.8906	113.6118	90.43345	88.10192	131.2193	75.99857	203.5264	128.6574	48.64598	204.2904	97.10121	188.1392
CUST_3695_PI42901086	N15069	0.00952	15	0						294.7498	413.9155	355.9452	357.2936	338.5409	322.0219	325.8124	290.4297	279.0433	335.1917	283.9501	341.5068	327.8511	347.5866	339.7564	447.7446	352.1132	369.3306	308.3972	304.1627	317.3817	387.1393	272.8585	283.0254	363.2398	289.7899	324.3223
CUST_37524_PI42901086	N64095	0.00953	15	12	321463404	hypothetical protein DAPPUDRAFT_324399 [Daphni Transport		Ion transport	7.88E-09	87.15435	83.26471	142.5512	72.54647	76.07766	72.85867	89.26714	81.8019	115.9016	141.9566	106.5084	97.3486	86.18635	136.2095	104.1068	113.8579	85.45029	84.1355	127.9155	84.1859	84.1355	127.9155	84.1859	84.1355	127.9155	84.1859	84.1355	127.9155
CUST_4940_PI42901086	N17851	0.00952	15	0						36.80914	40.29977	57.84331	28.83874	31.18382	28.44656	24.8962	25.11484	32.11685	41.68991	31.28664	47.17274	34.21062	33.96909	30.86904	50.7913	45.48365	48.65088	29.97696	38.14533	39.44223	23.74339	34.12708	29.30762	49.24687	56.09789	51.13662
CUST_4950_PI42901086	N17877	0.00965	21	0						22.32503	47.35331	40.44128	NA	21.3985	18.69696	8.804214	41.97456	11.25441	14.66408	17.91608	NA	15.01303	17.96131	6.644219	62.64364	33.69201	28.10839	45.3426	13.37036	22.39942	31.84942	50.26445	44.92544	33.83579	12.44135	15.24223
CUST_27471_PI42901086	N56116	0.00971	15	12						75.09478	167.9521	109.5638	104.8657	85.72262	146.939	132.4515	109.4106	138.2766	137.3935	145.4402	254.6874	126.6371	193.3576	222.5078	121.9257	90.51231	238.8964	81.07113	87.88231	141.5325	119.1637	183.2331	108.1306	159.8607	161.355	205.9317
CUST_46181_PI42901086	M71693	0.0098	21	3						11.11919	95.74719	12.39561	15.92196	14.99955	19.84686	13.39711	18.16906	12.7372	14.37805	12.31007	9.650569	6.829705	13.33577	8.446645	14.94965	12.05879	15.06711	15.04503	14.72748	11.33051	8.910931	7.210827	16.09243	16.8622	19.05569	15.15645
CUST_33577_PI42901086	M7319	0.0098	21	12						201.7937	150.5251	167.321	182.5915	171.8712	176.3364	275.0769	166.519	226.3317	208.515	159.1135	191.0009	345.9305	390.8735	289.9742	221.0933	121.2272	174.4245	289.9742	176.1138	207.7427	149.6919	169.4541	132.7894	358.3575	168.7266	201.3634
CUST_24932_PI42901086	N51503	0.00981	12	0						37.64162	30.17815	28.75932	35.67442	17.03915	40.34574	7.3856	19.20795	17.31897	23.4957	17.59447	55.38216	37.99673	40.23032	30.29871	40.36236	14.30234	30.23833	19.42074	28.69415	21.59129	27.49426	22.66333	21.70445	30.37957	51.82417	33.4065
CUST_11258_PI42901086	N27522	0.00981	15	12						18.31307	16.43668	23.0986	12.60126	14.52959	17.6966	14.52048	14.25604	23.2348	18.98962	15.71246	45.01588	22.61839	25.22969	35.34739	20.1154	18.74405	30.67698	13.09004	17.17022	18.95062	13.52947	31.30771	19.76039	15.72851	37.71676	111.7758
CUST_12257_PI42901086	N29175	0.00981	15	3						497.8615	554.0852	542.3878	366.8204	401.2357	338.0013	460.7596	493.215	442.7732	611.5405	421.6972	443.5662	531.5557	648.0827	607.4385	589.4448	451.5463	404.1368	367.5439	552.7878	328.8667	625.1793	480.999	310.9824	591.0201	341.7763	513.2283
CUST_19072_PI42901086	N40935	0.00953	15	12						65.74343	51.58632	79.83563	49.355	54.84373	57.2028	65.34071	47.13629	60.78952	55.50038	63.5725	74.94569	66.10733	63.43062	76.674	72.07584	64.74054	67.98693	57.77162	55.20145	64.74054	67.98693	57.77162	55.20145	64.74054	67.98693	57.77162
CUST_55132_PI42901086	M108827	0.00999	12	9						51.37093	77.98525	45.79191	73.55011	61.70387	78.81351	57.75281	77.67565	43.66792	66.61406	94.75367	96.05386	50.34321	39.55173	25.08131	80.92356	93.43338	39.6493	70.3928	143.3153	69.49923	98.04327	82.91863	94.41213	64.67521	67.47589	56.11599
CUST_17295_PI42901086	N37729	0.0099	12	0						53.48278	76.90742	48.42693	38.73495	33.87601	28.27702	44.28069	37.37861	69.216	153.7764	49.01378	46.07745	40.55619	96.37601	63.66464	50.78152	21.87538	31.71523	55.58103	14.19367	59.07909	99.50846	39.87225	31.95868	199.281	61.57414	156.539
CUST_52001_PI42901086	M96020	0.00999	24	21						30.40899	25.33083	54.91632	27.05013	27.92219	23.85453	21.19536	23.25228	34.73965	44.45813	31.39871	41.33159	29.93088	43.43161	32.51998	44.42212	26.97522	30.26479	52.33357	41.88371	45.09974	45.14299	45.1097	43.79745	53.35103	36.64169	62.07028
CUST_41584_PI42901086	M58090	0.10023	18	15						66.08238	65.87593	79.52449	49.69905	55.79937	56.49623	52.38937	49.49037	77.83266	68.89697	58.40039	81.22317	82.31536	75.03476	73.83558	106.8828	72.04379	76.18529	75.29438	63.83994	62.54347	60.15877	81.92913	61.95712	74.93674	65.26348	71.07701
CUST_56031_PI42901086	M112588	0.10023	24	15						64.41009	72.78118	78.75847	68.08199	78.52355	69.14635	118.246	111.1756	108.9599	62.62111	130.7638	190.3369	121.2986	83.49596	120.4315	129.1685	88.47454	119.8693	96.60043	180.3556	91.96613	120.8512	84.60749	84.95079	79.48728	77.74288	153.5797
CUST_46076_PI42901086	M71293	0.10039	18	0						38.56543	37.55188	22.94293	31.99941	25.21391	32.14209	20.49313	21.71424	19.36786	26.54031	27.56643	27.66265	24.27705	17.96838	28.88408	43.07866	25.03208	22.51476	25.13331	35.65447	34.45011	32.10959	18.11507	18.82741	19.64586	11.06303	23.4177
CUST_39545_PI42901086	M41087	0.10046	21	12	292384631	Meganyctiphanes norvegica isolate K13e 18S ribosc			9.71E-77	921.275	618.6744	767.5196	355.116	1280.61	797.3133	1016.851	692.0661	837.3907	1746.637	607.116	987.1593	1507.459	1029.814	991.6341	864.2169	993.3629	1626.337	1043.787	965.4945	749.487	880.2112

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_35608_PI429010886	M13011	0.01032	24	18	291232275	PREDICTED: eukaryotic translation initiation factor 2			1.4E-16	71.46149	62.12557	49.355	46.09323	46.991	60.35512	36.20273	55.07968	59.33007	78.05922	55.77862	68.1364	73.21949	63.89005	81.51675	60.66856	64.77801	75.93804	96.85587	76.05543	83.23552	62.46096	30.37057	82.46049	82.44448	92.97872
CUST_45682_PI429010886	M69895	0.01034	24	15						49.62512	38.38764	48.55278	19.91592	30.94869	28.84183	28.27144	28.02151	21.93061	36.64631	55.10664	31.267	25.05744	28.50866	32.3494	62.75575	48.76564	44.70035	44.94077	29.30417	38.36098	33.00843	22.40634	42.83775	51.30066	32.50043	31.54083
CUST_34841_PI429010886	M10861	0.01037	24	21		Signal transduction	Other			26902.5	36398.63	28551.51	48296.18	40755.59	37322.31	26343.04	21478.53	27142.29	32869.85	20208.21	28306.41	21950.73	28551.51	26343.04	26474.55	14471.07	30145.84	20443.66	21597.2	39918.27	26858.78	33811.8	22140.21	37322.31	36281.72	27018.31
CUST_49051_PI429010886	M83811	0.01083	21	0						26.13969	27.64723	30.58011	19.98576	16.42915	21.26565	22.29887	13.67691	16.12222	25.27723	23.3505	15.36478	21.41937	25.6683	18.31091	18.77363	18.73634	16.55361	26.14965	23.81072	26.12486	34.93733	24.20353	17.9819	22.26808	16.91321	30.01858
CUST_42030_PI429010886	M59200	0.01092	24	0						13.37205	14.18148	3.608723	10.14901	12.02328	16.12591	8.440373	10.17045	7.874648	7.555334	6.86152	10.13526	10.23084	10.87507	7.096174	13.31814	10.90286	12.66916	11.3438	9.77251	13.02465	11.38971	15.06859	7.624707	24.54416	10.47683	16.0073
CUST_2903_PI429010886	N13357	0.01402	18	0	321455420	hypothetical protein DAPPUDRAFT_218978 [Daphni	Metabolic process	Carbohydrate metabolic process	4.73E-96	2170.679	1901.328	2127.118	2299.417	1053.785	2538.071	480.5601	713.1739	622.024	1257.529	1518.655	1669.785	173.7422	1711.88	805.0049	1344.053	1269.191	1691.46	1249.348	3292.379	1529.041	1818.602	699.845	785.2299	1138.766	1392.18	804.2481
CUST_25121_PI429010886	N51816	0.01404	21	15						113.6118	99.75328	152.8418	144.2774	135.1969	178.8016	95.39206	125.0614	96.33377	122.6882	151.9691	142.124	117.1499	128.5885	131.1802	191.7997	173.9876	170.8572	143.2115	163.6107	145.726	172.3518	107.1844	141.0429	144.1866	120.1854	133.8101
CUST_38514_PI429010886	M27586	0.01419	18	3						17.99612	19.05357	20.4413	29.69991	28.37529	40.37514	30.00897	14.83018	22.12582	23.00078	17.75139	17.71727	12.10987	27.4656	19.03542	26.53218	16.08632	25.20056	26.51868	18.97898	25.03856	27.12475	318.02	29.48586	15.99431	21.17737	14.4635
CUST_49705_PI429010886	M86793	0.01419	18	3	343131445	Ichthyophthirius multifiliis strain G5 mitochondrion,			5.89E-65	781.185	573.2606	227.0035	5152.319	2457.891	5065.56	1114.646	852.3106	532.8085	326.7925	1926.251	557.0435	727.4325	1523.414	1653.841	1394.051	2024.906	1169.079	2325.953	1492.759	834.0915	2906.073	2763.052	3861.408	245.1154	2204.613	193.267
CUST_14585_PI429010886	N33118	0.01419	18	9						221.3847	330.4301	260.4155	305.1009	242.0784	86.03759	125.3551	333.6383	247.1436	390.2131	412.703	511.8133	295.2655	94.53569	240.5734	258.7017	221.165	347.8665	318.7622	185.6237	263.6263	175.0831	92.05581	220.2915	311.9883	292.0563	391.2629
CUST_45443_PI429010886	M69127	0.01421	24	18						21.92246	20.95946	20.59244	18.81343	20.83003	31.31098	12.46997	19.78239	16.68781	13.36577	18.45401	8.459432	22.83945	18.71104	25.6517	19.01762	27.5887	15.05605	23.44259	21.64655	27.38976	33.90948	17.13916	25.47479	23.5585	17.99221	30.04719
CUST_53100_PI429010886	M100139	0.01429	15	15						81.60393	53.21879	56.91101	72.11758	79.06168	88.08405	75.14455	43.81006	39.91731	62.36898	101.1196	31.48252	64.11406	40.2115	47.03126	57.56812	105.8112	64.45839	90.02313	62.27229	78.95924	65.71273	64.11406	61.41511	47.79729	37.49843	32.98635
CUST_38027_PI429010886	M22886	0.01426	15	9						6026.937	18150.31	12840.33	3572.519	5342.716	2346.537	5620.472	6217.899	18620.02	17900.98	11545.02	22926.29	11673.13	20967.97	14928.07	15327.79	5471.152	10866.21	10102.29	18896.93	15604.09	20010.45	15971.11	4635.589	19822.05	22662.24	30443.79
CUST_39583_PI429010886	M41403	0.01426	15	9						1660.585	1155.687	2688.606	430.8818	802.2989	326.9766	1633.35	4161.995	2949.668	4480.043	1089.128	1478.287	2863.818	2838.594	1014.347	1406.196	2214.33	980.4603	1459.126	1021.127	909.4624	2138.481	1756.971	338.6596	4769.116	1110.444	4965.834
CUST_43912_PI429010886	M64311	0.01426	15	6						45.02788	51.90291	46.86207	194.1492	69.07358	64.9677	69.51764	60.54253	85.65603	87.15435	65.89913	91.95171	69.31912	74.0547	80.95222	67.79763	54.37737	67.89063	62.67802	126.9262	71.91218	88.4462	112.5941	120.7487	48.98001	82.21549	74.66823
CUST_26306_PI429010886	N54029	0.01426	24	21						38.63168	44.16686	66.09037	45.18256	34.36888	40.883	29.29583	37.42124	48.21189	22.80672	36.8491	39.45879	41.41686	54.5454	46.27475	46.46836	36.87107	68.02926	60.28718	37.93423	58.72685	59.72331	49.37977	51.81515	52.93772	43.6379	66.70898
CUST_50544_PI429010886	M90210	0.01429	21	18						9.267153	7.272559	16.07659	3.803141	5.995731	NA	6.072871	5.441883	NA	7.621463	9.576049	3.798968	7.22526	8.451827	3.897995	9.7448	5.448479	7.816139	17.20528	10.62697	9.922626	6.404533	NA	NA	9.171762	3.374359	10.78772
CUST_812_PI429010886	N7388	0.01446	24	18						76.18529	61.41511	68.1364	65.68089	60.3963	60.99125	43.0609	58.54952	67.82991	71.62646	71.33278	69.751	64.48135	87.63509	66.52424	80.21909	82.26332	82.04247	79.24559	86.80804	72.1095	76.72395	91.12979	57.17501	85.87525	57.79515	86.7788
CUST_35309_PI429010886	M12199	0.01455	12	3						49.64123	41.30417	38.86122	52.60928	57.13414	69.29923	79.39521	45.54446	31.0493	62.79742	47.84187	41.41686	31.64376	38.87395	37.7275	47.93244	73.1906	55.55874	49.53059	32.98295	67.30267	38.79996	47.9222	54.25425	44.07915	29.59116	31.56711
CUST_31633_PI429010886	M2024	0.01455	12	0						234.8913	363.6175	260.5083	228.3459	215.3723	174.7413	200.6114	216.4729	296.3588	317.1399	252.4045	233.124	255.1161	256.281	309.8242	292.0563	139.9854	228.0795	232.5572	231.3759	186.167	351.5336	208.515	200.184	404.4491	287.1573	282.1142
CUST_42464_PI429010886	M3959	0.01455	12	6						62.70075	25.8104	24.95301	153.237	105.3648	316.4852	95.07199	96.55629	28.71325	23.68272	89.54002	26.00775	39.61818	21.93695	42.6374	31.32413	162.7985	162.0477	191.6398	29.11372	51.82417	26.37273	63.04603	86.58356	23.56736	157.1328	37.51655
CUST_40839_PI429010886	M91195	0.01454	21	0						88.8275	88.99049	105.7694	56.24668	66.10733	79.41411	67.64754	57.45213	81.59575	145.5994	89.87648	104.5579	80.9545	117.3497	118.4488	96.34482	61.73904	90.64646	80.61162	97.5983	101.1568	101.1567	90.53811	87.5554	72.70294	133.2267	54.5481
CUST_15865_PI429010886	N35267	0.01457	12	12						65.86348	178.6287	162.5891	150.3004	113.8053	131.259	145.0637	155.1509	172.0275	153.734	142.1826	312.052	119.7932	258.1237	220.685	160.804	124.3983	249.7124	123.1229	98.129	124.5927	136.0526	227.8652	168.0579	216.2628	198.5364	193.714
CUST_16209_PI429010886	N35846	0.01471	24	21						77.55036	91.90153	118.3064	106.7278	86.28978	144.8962	101.8407	70.46014	65.52616	80.38938	86.43501	78.36561	85.60322	91.11111	94.55772	89.22919	131.1249	117.1631	107.2744	100.566	106.8828	110.8992	128.6369	110.3421	77.99438	88.14739	63.94718
CUST_55419_PI429010886	M110013	0.01481	18	6	270009780	hypothetical protein TcasGA2_TC009077 [Tribolium			5.59E-10	949.8478	1428.874	1637.238	736.1144	961.5038	925.4363	2582.117	2286.095	3899.401	1762.677	1251.807	1520.198	1792.391	1755.419	1826.751	2243.877	1636.442	1502.524	1464.638	811.2478	1212.885	977.4233	1846.031	1444.613	2877.641	1070.988	4643.325
CUST_2394_PI429010886	N12258	0.01482	24	18						24.67398	25.59587	14.12299	8.876178	8.793342	10.32292	6.746227	5.696732	10.32292	22.42169	13.98352	23.063	14.01595	21.036	20.25261	24.52204	12.0248	18.5867	21.49202	35.52357	17.56531	25.4983	17.33078	13.53466	23.63331	12.49757	32.18334
CUST_38950_PI429010886	M32421	0.01494	24	15	321449602	hypothetical protein DAPPUDRAFT_120690 [Daphni			4.09E-21	197.7545	160.0546	180.661	298.1939	163.7139	182.8109	284.9694	281.652	253.7351	250.8554	154.1562	281.447	259.6247	333.6383	254.8434	319.8933	270.3602	304.9967	239.0491	251.8524	220.2915	216.5095	293.8285	231.3422	221.4446	129.5087	264.269
CUST_44747_PI429010886	M66866	0.01494	24	0						32.95758	27.11255	42.38554	30.95577	26.2515	32.7846	16.15147	26.24834	30.24089	42.03093	21.72395	19.63399	22.16225	29.75464	27.99024	16.7895	23.26561	30.13575	26.78662	23.53859	24.27461	24.8275	23.20447	25.20545	33.75702	34.33559	31.29954
CUST_7119_PI429010886	N21069	0.01494	24	0						40.27161	55.5381	40.95911	58.01793	24.14057	36.24706	34.05076	42.36335	27.78206	38.1599	31.43539	44.95044	40.58787	36.76731	29.94487	23.85972	25.91041	31.10751	36.04028	34.27356	37.69054	35.78629	36.86394	29.91175	36.71638	47.44495	41.28609
CUST_26243_PI429010886	N53946	0.01518	24	9						16.75931	19.26784	23.75128	15.63968	10.79562	29.94885	18.98962	15.91395	14.08785	15.74217	14.46162	13.95627	14.28302	18.46537	11.33971	14.46495	22.44818	25.00916	18.24015	15.9498	19.92707	27.68313	19.90278	16.31582	20.95213	23.8305	35.57263
CUST_24337_PI429010886	N50443	0.01521	12	9						124.5429	179.5033	102.5637	101.218	73.06271	72.86527	73.81964	117.0236	117.621	195.1881	131.3416	219.061	178.4723	125.3551	59.61145	179.7938	81.26685	131.046	144.1009	125.9621	124.7893	166.8022	141.6567	258.8229	119.5708	117.2357	143.9244
CUST_39649_PI429010886	M42181	0.01053	15	3						68.5998	5.711785	93.5311	14.67638	73.14833	73.16394	39.31816	64.59746	37.84521	11.36992	15.13462	NA	16.69384	7.149572	4.187076	NA	94.64608	45.70165	81.67574	NA	43.18546	NA	17.92211	15.02569	7.702551	13.12172	4.39723
CUST_40204_PI429010886	M51719	0.01532	15	3						NA	3.972829	11.40246	43.51593	44.5467	56.18729	56.80303	19.26784	NA	10.18097	27.88984	NA	4.680323	NA	3.514447	7.972595	32.28425	43.09974	56.47376	7.017135	72.89846	5.704319	84.48505	55.54166	10.19943	35.70676	4.866661
CUST_57276_PI429010886	E3651	0.01545	15	9	4585366	extracellular superoxide dismutase precursor [Pacif	Metabolic process	Oxidation-reduction process	2.4E-21	86.35271	69.38283	253.8833	35.02438	33.92452	47.26675	112.0225	328.6116	316.0527	448.0873	75.94687	112.8928	180.8117	512.8422	236.9243	62.5758	272.4885	60.40681	81.74728	235.2753	69.13041	358.4672	372.1299	61.72335	615.211	112.9419	557.6662
CUST_39875_PI429010886	M46060	0.01545	15	9						889.0555	637.2498	667.1794	429.0337	539.0116	560.3037	684.8725	519.9761	707.905	1592.642	776.1766	984.9879	803.5259	858.7607	578.8676	1163.104	629.6206	777.0504	674.2322	638.9314	752.9771	834.6224	692.7803	677.6784	1067.136	658.0264	1148.695
CUST_18366_PI429010886	M39657	0.01545	15	9						55.79477	61.79791	67.83607	49.07171	52.53463	22.63247	51.33619	60.69824	69.32875	95.17141	62.05533	55.99321	53.0654	68.72963	57.82155	60.69824	62.74739	60.9102	59.96262	60.72981	58.38163	53.63782	63.1995	38.73495	78.30552	76.80142	90.04123
CUST_1921_PI429010886	N11080	0.01549	9	0						21.97651	10.38437	23.52815	10729.62	11747.34	20248.42	5197.227	1794.046	24.08567	12.6412	5953.512	18.44505	22.20218	NA	8.626596	8.215837	10310.79	9341.534	15029.96	10.38108	2667.238	9.290785	2029.752	2365.487	10.10287	1853.071	10.22324
CUST_50566_PI429010886	M90295	0.01549	24	15						221.4718	222.7411	233.0458	149.4288	220.9933	286.2536	187.6525	183.9501	162.6071	227.9427	221.3847	168.99	104.3393	168.9219	168.5577	306.479	275.547	337.2385	275.4021	266.9855	272.8585	235.7212	201.7309	244.1166	298.9214	189.4251	324.5263
CUST_17671_PI429010886	N38386	0.01559	21	3						12.17117	13.69236	13.95744	14.86246	16.74929	14.80005	13.69107	6.492705	6.928497	18.80396	8.994284	30.04952	11.87443	9.568409	9.745966	10.29248	10.25912	9.77251	13.28601	17.15538	10.25912	10.72561	24.03363	NA	16.19477	20.00677	22.37611
CUST_57276_PI429010886	E3651	0.01545	15	9	260824760	hypothetical protein BRAFLDRAFT_113907 [Branchi			1E-48	49.11313	61.0979	55.42699	46.53779	40.15414	42.19897	62.54347	40.4721	54.25425	84.98778	46.1565	68.8749	72.66838	53.1957	57.32582	89.67555	135.1685	88.01275	51.78294	51.78294	53.17169	37.1585	74.96431	47.74567	62.63151	60.69824	44.2228	68.56896
CUST_11740_PI429010886	N28331	0.01557	24	18	242013211	conserved hypothetical protein [Pediculus humanu			9.77E-43	194.4538	311.0329	237.1286	264.5866	228.586	266.6935	138.7624	217.5495	146.1977	183.6032	189.5352	277.2458	273.733	263.7458	285.1566	303.9813	186.9949	195.3573	303.4405	297.6952	280.8839	294.5278	206.0656	231.6859	271.5735	269.7173	241.9617
CUST_34731_PI429010886	M10488	0.01572	21	3						538.0354	1046.691	785.2299	1746.637	723.6629	924.8591	497.8567	582.5396	632.2521	669.8776	367.7937	959.9717	466.8917	820.2371	359.4804	500.6766	251.4349	574.8968	275.1358	352.0546	907.7978	756.3176	1030.293	595.5631	992.543	1055.576	559.2711
CUST_47888_PI429010886	M78029	0.01573	18	3						1013.924	2764.643	1394.642	4365.095	1846.031	1941.576	1202.334	965.4945	1358.264	1380.785	673.3658	2144.378	783.5804	1050.102	360.037	1324.694	427.7928	417.4973	267.4223	558.2631	1942.982	1562.541	1975.879	1067.598	2073.005	972.4433	1031.749
CUST_47103_PI429010886	M74806	0.01583	12	0	339232928	putative zinc finger protein [Trichinella spiralis] >gi|			7.06E-21	957.5442	999.7477	1122.467	797.3133	581	735.8213	681.1329	630.6794	730.0267	986.7668	847.5292	1217.47	764.3328	1012.516	996.2576	1119.759	839.2544	771.9192	706.0046	999.7477	825.4395	932.5265	732.314	704.3489	917.7643	1710.023	1109.205
CUST_18482_PI429010886	N39879	0.01588	15	9	260822597	hypothetical protein BRAFLDRAFT_209586 [Branchi	Nucleic acid metabolism	Regulation of gene expression	1.57E-23	10.39491	9.264427	10.88348	13.32189	17.08729	12.1537	6.194786	16.74068	22.32739	15.30361	24.95635	30.76441	20.85366	19.90878	20.06593	24.10675	12.12816	13.93595	25.53642	24.12979	14.75825	26.86268	19.70553	NA	19.68474	37.45529	32.64658
CUST_50699_PI429010886	M90692	0.01594	21	9						48.67472	53.16284	73.5024	52.01848	66.75063	59.85492	71.75603	67.1407	60.26272	73.77697	85.59472	66.39266	52.55999	85.62903	78.62359	55.21295	62.23675	64.62304	65.75053	68.21242	73.62986	58.69441	51.4111	57.05184	65.27575	62.67964	68.08199
CUST_45539_PI429010886	M69422	0.01605	15	0				Metabolic process		15.61612	16.27057	14.51392	10.94248	10.21823	13.39381	14.92301	4.510564	5.846111	11.12035	7.183846	10.14992	9.140795	4.692488	6.115825	28.48875	15.66371	16.36632	17.7958	8.970081	10.76236	12.11037	8.477051	6.342428	10.95578	6.314907	10.73339
CUST_12580_PI429010886	N29690	0.01609	24	21	156539569	PREDICTED: SET and MYND domain-containing prot			4.47E-07	13.55928	12.90472	10.12411	5.507769	15.96275	21.26038	9.268485	10.53799	6.339538	8.827909	5.57472	NA	5.993779	8.339436	4.93837	14.41386	17.57242	13.66257	13.95459	9.207048	11.65987	15.23556	11.74047	18.50987	10.28851	NA	11.14537
CUST_40414_PI429010886	M55152	0.01614	24	15						1122.156	1770.146	1390.385	1230.543	860.1547	1216.535	916.8157	1171.568	1101.197	1654.803	1164.105	1779.751	1244.647	1686.366	1617.488	1670.985	1439.193	1392.4	1385.917	1244.147	1686.366	1617.488	1670.985	1439.193	1392.4	1385.917	1873.43
CUST_27904_PI429010886	N56913	0.01617	15	0	321458259	hypothetical protein DAPPUDRAFT_202914 [Daphni			9.67E-26	59.76845	57.96698	41.73275	25.20545	56.61232	44.63016	52.89103	35.49419	40.96307	41.86651	38.64078	34.90297	51.04982	40.37133	34.65468	54.5227	50.36639	38.67688	56.76191	52.47261	43.48893	47.45909	38.57925	36.4309	38.91166	35.74458	28.5643
CUST_18491_PI429010886	N39891	0.01627	21	3						24.43879	22.49197	18.67439	29.65821	17.46899	26.23528	26.50391	15.07352	21.90983	28.35096	9.813406	23.30079	16.77252	16.94555	10.7559	14.08315	14.45246	14.55066	20.02885	49.65196	33.72145	25.03495	28.08839	22.61376	27.74158	36.76396	32.46401
CUST_1501_PI429010886	N9836	0.01633	12	0						2786.84	4239.143	3815.349	2027.433	2380.879	2064.29	2312.077	2076.382	2092.578	3667.985	2978.783	3858.586	2888.695	4330.695	4169.34	5256.29	2321.278	2408.505	2475.35	4263.359	2485.559	3661.505	3057.78	2873.023	3972.597	2740.182	4008.447
CUST_13192_PI429010886	N30754	0.01649	12	3						61.04516	45.45196	20.06405	88.60515	38.25818	42.43356	37.24643	35.37524	28.56717	29.27728	21.04609	16.70318	27.32872	37.9853	20.54194	43.0609	43.22077	34.96061	26.37273	49.72682	23.04237	31.00211	22.21962	23.25478	48.52803	36.42724	29.79784
CUST_47201_PI429010886	M75178	0.01656	21	3						7.548864	14.89135	35.37524	20.37797	76.99966	82.6196	51.37925	4.189741	55.84117	26.9152	21.51397	11.89991	17.60822	172.3518	32.77063	8.698364	12.68111	46.59363	5.908014	7.129573	13.37557	26.50391	16.88307	21.85231	126.9841	28.4998	39.78898
CUST_9506_PI429010886	N24752	0.01658	21	15	195490130	Drosophila yakuba GE21090 (Dyak\GE21090), mRN	Protein metabolism	Cellular protein modification process	1.9E-106	62.38529	56.58363	68.2813	79.47713	57.03895	49.8819	49.47471	52.801	45.52189	75.4087	63.64323	71.57902	49.38217	82.04247	62.5758	84.07185	74.04651	69.31235	70.68641	54.05301	69.82734	75.07319	64.23886	56.23475	66.04832	57.30764	51.1689
CUST_53910_PI429010886	M103670	0.01663	24	15	260830643	hypothetical protein BRAFLDRAFT_126836 [Branchi	Metabolic process	Other	1.68E-21	13.35156	16.37493	12.31007	5.859043	12.83173	7.925956	12.68722	21.70738	10.14992	18.36323	38.28633	13.16888	12.75631	18.75687	35.30492	24.26118	18.03368	19.18935	25.44661	10.62249	NA	18.50047	17.80566	18.60109	19.2383	11.81616	11.03039
CUST_47089_PI429010886	M74771	0.01671	24	15	321467470	hypothetical protein DAPPUDRAFT_320464 [Daphni	Protein metabolism	Cellular protein modification process	2.77E-08	63.40267	51.80926	79.20223	61.63016	67.59014	78.12041	50.26445	50.13498	45.84492	73.64901	51.77357	70.80885	43.17168	51.30066	74.7726	79.26902	84.92511	94.09795	75.7868	66.2145	59.98634	68.2539	59.22654	74.63865	68.36198	67.10317	71.94024
CUST_46632_PI429010886	M72180	0.01658	24	0						93.21204	98.28699	119.1476	76.08615	91.42252	98.71598	100.7693	88.87538	104.9421	127.601	94.27998	122.4667	103.1763	105.6257	57.43818	104.162	114.2884	118.1483	179.3007	106.7279	95.6259	114.1187	93.9451	106.7279	95.6259	114.1187	147.2361
CUST_55665_PI429010886	M111192	0.0107	12	0						19.33574	23.81072	31.34117	16.12222	18.61046	25.37	15.71416	19.77641	27.87925	21.27912	26.35211	25.16199	24.47717	25.0475	26.4083	18.86017	21.12887	19.39031	16.91691	23.64437	21.91188	23.63583	25.67033	16.85432	30.68719	30.59854	36.35659
CUST_24620_PI429010886	N50958	0.01707	21	15	338809146	hemocyanin [Exopalaemon carinicauda]			4.6E-12	NA	11.73735	9.84998	16.4346	96.8234	NA	61.11567	199.9828	36.99055	20.58435	147.3674	184.1659	173.091	24.63851	567.7179	NA	236.4903	NA	13.04571	10597.5	273.733	NA	11.74757	8.754916	4.034985	57.42327	239.0792
CUST_40800_PI429010886	M56112	0.01707	12	6						198.4267	170.4477	209.5249	134.7073	170.596	207.6455	224.3204	229.8288	183.786	189.9402	161.711	187.6525	155.2181	149.731	135.6966	179.1099	186.8185	154.3982	213.6068	173.4981	192.2865	171.9761	275.7928	201.1422	95.91781	139.5229	103.0015
CUST_31901_PI429010886	M2706	0.01713	24	9						24.17061	31.72455	35.26822	39.76167	43.01496	20.61726	37.22147	85.01801	44.63765	41.74772	58.17945	58.44181	53.20866	31.52633	47.75268	32.80956	29.64988	22.88862	22.24289	95.84863	42.38554	27.22484	36.47407	23.42495	20.53839	28.27702	24.62928
CUST_43336_PI429010886	M62762	0.01727	18	12						36.98363	42.09877	57.78767	37.52021	24.47403	41.66889	40.95098	44.83381	67.01506	38.93338	34.10794	59.57796	54.38291	64.83329	56.11071	50.92195	50.64584	55.6145	37.96902	52.79712	38.22525	41.96975	33.87601	37.35904	63.13278	42.19441	69.18954
CUST_43738_PI429010886	M63829	0.01755	21	9						10.04605	50.3484	10.85593	66.2145	98.11651	29.38309	42.0037	89.96525	74.74764	42.38554	173.3024	191.3655	65.33287	18.86217	23.67732	4.934877	72.03066	NA	14.39924	362.9082	40.89152	9.576049	22.97006	8.557801	NA	73.55823	83.89746
CUST_25608_PI429010886	N52736	0.01755	15	0						13.53805	12.20868	NA	14.38182	4.988225	8.541205	4.545884	4.976399	5.590644	NA	4.098845	6.927136	8.263899	6.105375	8.178429	15.75243	11.83012	6.477097	9.326745	NA	5.310263	5.116273	NA	6.104204	12.84324	NA	11.83225
CUST_55092_PI429010886	M108692	0.01757	18	9						21.58663	19.5452	22.64587	29.24265	20.63988	32.47618	16.03098	21.12385	25.42066	28.02553	21.74647	41.5428	27.88257	26.82962	36.8021	26.22564	27.95506	24.08567	18.0662	15.18848	18.88381	24.18144	11.51207	14.33928	39.61101	46.81158	27.75482
CUST_38598_PI429010886	M28437	0.01767	18	9						82.18107	28.08839	74.97848

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_38426_PI42901086	NM26505	0.01163	12	6						139.2832	234.3704	255.3857	167.8053	196.359	215.6344	204.0863	201.9396	217.7055	201.6148	200.1336	224.5142	204.629	162.473	189.684	177.896	186.1303	154.8105	195.4506	189.144	179.8447	197.7545	300.0118	214.7131	210.0511	206.0656	257.0697
CUST_47229_PI42901086	M75292	0.01278	24	3	390346858	PREDICTED: N-acetylated-alpha-linked acidic dipept	Protein metabolism	Proteolysis	7.17E-11	44.1188	33.23109	37.89385	29.71169	29.22246	32.99848	20.87902	22.12012	13.15128	28.33698	22.67516	5.193441	13.89131	17.99464	15.25416	14.84618	12.18278	7.626047	33.54623	11.90477	20.74695	17.06824	13.82074	10.83296	19.07608	14.72394	17.55722
CUST_9668_PI42901086	NM26505	0.01163	12	6						55.15261	164.9397	152.7576	23.12297	129.9538	134.5271	94.49669	87.16389	80.13478	78.93556	103.4079	127.3882	138.3764	213.1567	103.8441	87.03787	253.9783	155.8809	98.70636	208.1099	163.6601	85.03701	44.19495	72.4658	127.601	88.78823	110.7189
CUST_24289_PI42901086	NO3368	0.01129	18	15						36.98717	35.97953	20.23937	26.49443	28.888	25.04395	22.52377	30.19656	19.17918	43.33061	21.98819	39.0152	22.21682	43.15798	34.53803	36.11849	38.04684	35.1434	30.78794	31.95131	34.56933	40.54346	27.23134	33.23276	27.59392	19.9496	24.72309
CUST_4322_PI42901086	N16509	0.01129	12	3	242019973	conserved hypothetical protein [Pediculus humanus			2.47E-21	20.44923	12.89985	22.74317	29.29243	27.36205	30.31727	17.24279	27.59937	25.60312	18.29426	9.02447	23.95916	33.41929	29.50356	28.82923	43.47746	14.15156	73.76113	22.66789	25.95987	20.28929	19.81449	12.16799	25.22098	25.06723	22.57964	24.12979
CUST_1165_PI42901086	N8715	0.01291	12	9	54042606	arthrodial cuticle protein AMP8.1 [Calliunectes sapid			1.23E-13	51.33639	43.77809	112.5446	54.71071	91.91837	51.92939	219.6868	91.16786	277.9987	306.736	241.1275	374.9159	92.96667	528.3775	14.23976	113.4862	125.3173	29.48584	36.28805	267.4607	148.196	125.9625	486.0261	312.8606	150.0759	66.47359	240.9019
CUST_44064_PI42901086	M64830	0.01292	18	0	91076314	PREDICTED: similar to spliceosome associated protein	Nucleic acid metabolism	RNA metabolic process	3.6E-60	19.81178	29.62034	28.85616	28.15646	24.59542	30.41187	27.79102	10.09605	16.5954	13.25777	18.56427	18.01314	13.8859	16.75931	11.69128	23.66453	31.20174	25.77541	35.74458	14.81994	21.03821	22.24561	24.90221	25.97297	25.30072	18.89922	19.676
CUST_11019_PI42901086	N27135	0.01296	18	0	299782457	kinesin 2B [Nasonia vitripennis] >gi| 299782459| ref	Cellular component organization	Cytoskeleton organization	4.87E-30	29.1329	24.20353	24.24945	12.47875	22.93439	14.00339	NA	15.78805	NA	10.05851	7.437557	NA	3.566988	17.79901	3.901825	34.94119	12.33047	12.39561	35.41597	21.71687	11.04742	14.77486	12.98781	6.699155	4.439948	NA	NA
CUST_23621_PI42901086	N49152	0.01299	18	15						12.1506	16.51414	23.31493	10.87645	25.81311	NA	16.80437	14.04854	5.23284	29.46873	12.81434	29.95513	16.29078	18.67657	28.84183	36.41652	19.65423	18.13841	17.09174	17.61145	18.11108	8.316685	15.0972	4.010865	14.64693	14.73365	15.55244
CUST_4769_PI42901086	N17443	0.0113	24	21						8.148866	6.169502	8.472888	13.7972	5.358734	NA	5.49933	8.136532	6.120324	5.747789	3.86495	10.27406	15.31496	11.94615	11.85797	NA	NA	11.90309	5.552969	13.1339	NA	14.02745	11.92305	18.88215	9.049354	7.02021	13.94176
CUST_54434_PI42901086	M106010	0.01131	24	9						25.58242	26.61439	18.42271	18.42911	38.70657	12.79225	22.85699	74.84295	35.72108	26.07451	65.36011	46.81599	52.68897	17.84395	19.63631	12.7372	25.67234	NA	25.68021	92.52049	22.04537	15.15984	11.27249	11.89991	19.92894	12.55922	38.04057
CUST_6935_PI42901086	N20802	0.01315	12	3						18.08051	31.44965	15.09377	71.59535	21.7873	98.94163	34.15487	17.02832	20.859	4.888509	14.47659	6.645675	22.73586	13.45283	17.74547	21.71687	38.89038	47.53841	5.447078	18.63301	19.57585	18.24494	5.957887	64.01814	5.677532	36.53021	NA
CUST_39624_PI42901086	M41918	0.01324	21	15						866.5099	595.7445	787.1975	251.1828	1025.258	710.9044	1051.932	733.1697	710.6638	1358.952	539.2831	703.8882	1525.167	1048.248	827.5431	1104.361	1267.999	1404.631	909.757	929.5412	834.3363	1262.411	503.9702	477.3001	374.5146	684.7245	914.1643
CUST_30170_PI42901086	N61316	0.01339	24	15						26.89381	16.0587	22.03665	9.694084	13.97554	14.36708	27.24651	18.55819	20.80086	15.79548	24.20353	25.21717	18.50047	30.55085	28.84855	35.51693	22.10673	40.29023	18.93518	25.49499	18.59923	29.36188	34.35136	15.97633	26.61439	24.62608	32.53107
CUST_53699_PI42901086	M102832	0.01349	15	0						196.9351	197.9029	213.5752	150.2252	145.8825	180.4095	130.3469	156.4871	135.6641	181.2996	176.2423	232.1818	150.9664	193.1525	225.1125	246.1869	156.4871	193.3866	166.8689	171.1636	216.1505	191.886	163.6601	148.9832	172.436	177.8716	173.6967
CUST_672_PI42901086	N6680	0.01361	15	0	290462391	Cuticle protein 6 [Lepeophtheirus salmonis]			4.4E-19	9950.402	428.7157	8165.772	4467.857	2090.413	7154.842	7017.655	4476.427	2110.744	1238.697	3772.58	3.849046	2454.105	1155.687	1260.157	NA	10341.13	7355.509	6005.835	18.1208	5181.094	59.92145	3514.364	5681.469	210.4274	2089.376	148.1409
CUST_8328_PI42901086	N22878	0.01362	24	15	66499523	PREDICTED: peroxisomal membrane protein PMP34	Transport	Mitochondrial transport	5.73E-85	26.97315	32.23977	30.76441	15.7022	23.58007	23.60076	28.36368	33.08815	22.21962	34.96061	32.9302	32.19898	27.025	44.8896	32.80956	44.03536	36.09146	41.72747	27.01961	65.56878	35.36241	45.40667	45.17801	20.68784	38.56175	33.03027	54.09438
CUST_46296_PI42901086	M72110	0.01367	15	0						156.7272	108.0186	181.5662	143.5357	92.35924	150.6325	140.194	94.02768	94.01656	120.8512	100.9304	73.37448	121.3759	140.1347	121.7341	165.5224	147.2543	155.9427	97.05352	145.5994	129.1685	206.3065	158.7737	106.5216	118.1115	104.2347	110.7787
CUST_93_PI42901086	N737	0.01371	24	21	532759730	antimicrobial peptide type 2 precursor Ilc [Pandalo			1.31E-26	9096.106	6879.978	8955.736	4676.187	9358.113	6461.792	11276.69	4584.946	6863.631	5674.79	6314.548	5251.069	5498.252	8667.659	6434.019	8550.193	6247.817	5800.891	9992.798	4787.683	11259.43	10760.71	10831.29	16271.02	7107.78	4748.861	7773.881
CUST_32690_PI42901086	M4820	0.01388	24	9	321472416	hypothetical protein DAPPUDRAFT_240263 [Daphni			9.99E-25	93.04202	110.3421	84.78816	176.4634	253.5447	93.71752	134.0378	688.7233	428.4141	99.19224	655.0692	675.2822	745.8794	89.22919	368.0783	47.55222	302.3102	21.86356	108.7243	1063.907	369.7785	39.44223	75.60669	52.29382	53.94407	306.0346	329.5353
CUST_28830_PI42901086	N58695	0.01389	12	3	395508757	PREDICTED: zinc finger protein 569-like [Sarcophilu			7.35E-10	29.47649	34.51949	28.66914	21.04144	29.63396	20.58016	17.28605	16.36148	20.16852	15.57864	22.5725	23.01614	29.46496	24.17334	20.97223	25.41068	18.00505	22.23809	20.72239	29.61833	18.81158	40.4329	17.87105	21.5971	33.57067	30.3023	24.0044
CUST_13950_PI42901086	M12079	0.01419	12	3						61.8504	56.81475	43.52618	79.19112	48.29446	88.16694	40.36236	57.52971	45.3118	43.83694	47.5011	29.17612	48.67472	28.3805	35.9589	59.96262	80.30929	21.35068	72.07584	46.47908	47.77962	69.80023	56.87204	40.04567	57.08869	52.60357	53.0654
CUST_19056_PI42901086	N40910	0.01428	21	6						36.8021	46.69134	47.3594	41.96975	63.67902	50.06979	76.25978	71.47658	75.87721	68.25944	47.49605	63.8461	46.94189	47.97063	55.07381	64.04953	43.19614	44.21249	107.0314	46.48282	60.89775	48.42693	47.88363	47.9222	48.19648	60.89775	70.74696
CUST_12882_PI42901086	N30202	0.01438	18	9						19.47107	31.2144	22.27756	22.64961	24.08567	18.39397	27.47445	30.41942	22.13675	26.96538	29.78998	29.1329	31.88231	28.81252	25.09429	28.89154	25.16709	26.64032	23.77465	27.84371	30.37957	19.82309	20.6453	19.17708	37.52679	8.212232	22.07569
CUST_34262_PI42901086	M9188	0.01469	24	18						11.67245	18.47168	8.48246	14.49726	12.40735	11.88135	14.20169	9.684471	9.105658	35.8336	11.92046	23.15048	15.27765	27.92065	16.91106	16.97579	7.062308	21.96895	43.37513	26.43248	32.44055	20.09671	20.21114	19.68474	104.2917	8.317554	14.75394
CUST_2893_PI42901086	N13335	0.01469	24	18	186969143	gastrolith protein [Cherax quadricarinatus]	Metabolic process	Carbohydrate metabolic process		36.85229	35.96518	22.31957	30.33968	36.35659	38.97838	27.99312	28.04755	35.08626	53.71399	23.72867	42.68463	35.33485	48.2481	55.21772	63.73904	48.42343	33.16347	64.4873	79.36987	44.78041	52.52687	35.40982	57.53634	44.05203	68.95198	57.58322
CUST_14926_PI42901086	N33701	0.01469	24	18						15.54715	17.16843	12.10746	11.67672	15.37925	15.13091	13.55467	4.209318	11.64935	17.33333	9.877583	23.50136	12.51969	14.97314	21.5895	17.96665	10.84947	25.9425	15.73405	29.0109	27.10054	22.21172	11.87577	20.11768	34.01329	21.58196	24.96359
CUST_20204_PI42901086	N43016	0.01469	24	18						62.76241	69.82119	74.4613	44.57334	48.069	52.40666	33.37654	40.48521	42.81164	92.09827	50.77029	122.7515	40.88839	57.80004	71.71135	147.5581	39.64114	63.42029	71.18669	78.59764	85.93471	66.37927	78.30025	59.82242	68.89154	78.33945	101.5527
CUST_47056_PI42901086	M74671	0.01471	24	3						93.83775	69.24723	110.9478	121.0374	110.7887	125.9625	87.14788	98.36103	112.9069	133.8722	92.08467	87.71808	85.59472	126.6662	95.28234	87.55497	88.4462	105.1255	86.5251	59.36711	77.10171	85.01801	79.86307	114.7111	115.478	82.19809	143.8832
CUST_11499_PI42901086	N8897	0.01564	12	9	321477834	hypothetical protein DAPPUDRAFT_311166 [Daphni	Protein metabolism	Proteolysis	1.05E-11	22.9868	31.08214	NA	33.0225	39.44972	25.4571	25.5511	19.37939	16.65641	13.732	9.719917	6.395897	23.59336	NA	22.69512	22.90466	20.18978	19.00626	13.8536	13.83327	9.665421	22.01033	NA	13.9679	7.649063	13.9679	7.649063
CUST_6087_PI42901086	N19613	0.01508	21	9	321471995	hypothetical protein DAPPUDRAFT_230717 [Daphni	Metabolic process	Other	1.2E-156	35.88462	126.3916	39.25762	128.037	131.2193	29.43648	71.7135	237.8874	143.609	102.3183	224.8249	335.74	183.3903	78.15144	93.90071	60.12109	89.5312	56.70249	57.78005	485.2905	171.1195	58.96932	80.55811	56.53962	65.67663	160.2021	129.3018
CUST_19229_PI42901086	N41219	0.01508	18	12						11.71083	14.5219	NA	11.88603	16.04761	5.867579	15.19655	14.51697	20.87033	15.17932	16.11406	20.02885	22.92991	43.39175	23.26041	20.6694	14.40694	9.365159	19.3587	22.47719	19.64813	6.911676	NA	13.35309	23.72626	30.52691	29.5483
CUST_26697_PI42901086	N54721	0.01516	18	3						25.62877	5.880926	4.491993	NA	28.7462	30.5069	NA	12.96601	24.84953	NA	13.26743	8.163753	5.503527	11.45611	3.874194	19.17708	NA	9.124	13.95744	12.94469	NA	14.46495	17.73142	NA	9.093219	7.223501	25.02916
CUST_33345_PI42901086	M6658	0.01525	21	12						523.093	594.1197	723.4421	637.2498	991.3315	479.3073	745.3969	2777.472	2279.672	617.029	2348.331	3390.638	2722.22	746.9886	2076.382	819.4278	1302.095	737.0066	567.9112	6359.374	2365.487	475.6507	764.0731	653.1387	740.4281	1531.812	1883.709
CUST_53451_PI42901086	M101760	0.01547	12	9	328899820	ribosomal protein S7 [Procambarus clarkii]	Protein metabolism	Ribosome biogenesis	3.27E-35	527.7394	674.2322	552.5713	253.7351	464.6636	458.8168	438.6413	504.949	496.7325	521.1091	545.2224	511.0593	490.0839	536.7924	443.1374	257.1155	477.9922	470.4395	450.2218	602.4628	419.0394	588.9896	528.7455	569.4459	479.189	562.0583	454.0927
CUST_4354_PI42901086	N16579	0.01547	12	3						236.1246	489.583	34.97152	779.5608	448.7865	429.4606	290.3758	51.10924	234.3391	38.74854	30.59854	23.46033	163.3967	157.7092	379.2136	690.0315	56.67223	400.3298	69.4087	135.6803	55.04733	429.4606	26.58056	267.619	152.7158	44.29926	72.49991
CUST_37852_PI42901086	M21875	0.01561	12	0						374.682	1621.924	1007.936	122.6053	505.8775	77.38462	172.3518	679.7235	1273.05	2075.258	810.2943	1535.786	1689.395	2133.627	1762.677	726.7504	381.9407	1647.631	771.0971	1793.14	828.5874	1968.333	2130.831	1072.593	3124.162	1227.15	3453.79
CUST_15496_PI42901086	N34676	0.01565	24	18						27.085	54.60894	23.74918	14.90976	24.28604	10.43309	25.38784	20.41093	14.571	16.31744	21.8498	36.22709	26.30532	26.12256	26.05952	34.90297	23.21566	39.98555	26.8539	43.43161	33.75702	27.17605	24.52447	12.91624	33.37654	18.59683	37.00901
CUST_35461_PI42901086	M12627	0.01575	15	3			Protein metabolism	Regulation of translational elongation		28.77687	27.57296	39.08441	37.32162	187.4758	130.0411	121.5886	30.02625	34.35136	24.80361	109.7974	27.47445	19.19575	29.5457	22.33694	26.44212	273.4298	88.40608	92.37125	19.96165	124.6057	29.02633	109.902	83.6912	26.27126	29.11768	20.4401
CUST_25757_PI42901086	N14967	0.01584	24	21						34.97535	24.4797	18.45046	26.23966	27.08074	17.34784	27.35753	20.10077	11.06303	19.15374	20.00172	23.27942	18.56579	15.1109	15.44039	22.49197	16.81454	27.62764	19.26964	24.04673	15.38368	21.92102	11.93879	26.21864	20.04673	15.38368	21.92102
CUST_1543_PI42901086	N10001	0.01587	12	9						138.1676	158.8004	59.05765	7.164995	18.66441	4.129887	27.5887	7.530653	5.392196	121.649	78.32339	532.9396	23.69143	37.76259	21.55311	50.76541	NA	22.55992	29.54213	20.43255	39.57761	16.91321	249.0021	278.469	52.31892	11.58977	45.68644
CUST_49934_PI42901086	M87791	0.01159	15	12						19.32322	11.52212	21.33598	9.220146	13.71042	13.36717	19.01531	7.590552	14.66496	10.6028	17.16312	23.06972	26.80106	30.80046	19.38333	9.347162	18.71899	20.09393	16.57544	7.959892	14.2983	6.606034	17.21299	17.69892	13.72475	16.72128	14.86659
CUST_41031_PI42901086	M56686	0.01612	21	6						14.8651	11.45904	8.931253	23.90824	23.72626	14.28453	16.79517	39.79718	40.63765	35.27392	15.75594	31.18147	21.12887	12.32751	16.36343	28.68501	21.62904	20.71979	17.51574	45.70165	36.27265	15.48139	12.24341	12.05879	32.19156	18.46255	25.64589
CUST_54900_PI42901086	M108126	0.01615	21	3						16.37858	16.74929	16.60305	16.96368	27.15098	14.48619	5.260014	16.25197	12.8607	15.11963	12.59239	22.03875	NA	9.710618	6.967135	16.94046	NA	6.794828	5.449338	13.63953	11.57662	13.54322	24.3684	10.3075	16.27412	16.98325	27.71267
CUST_4633_PI42901086	N17176	0.01644	15	12						300.6766	11.71707	1720.979	13.37205	3.977016	NA	750.3627	3079.902	1486.604	1834.08	21.18631	41.11909	3008.795	5590.669	2044.563	15.58239	1414.763	NA	89.35703	31.58406	9.829719	329.7729	2065.573	44.85914	1243.416	21.80535	1986.907
CUST_42507_PI42901086	M60457	0.01651	15	3						332.753	249.3844	207.9906	1174.011	199.9465	845.457	502.3399	1043.343	157.1911	77.35795	137.759	11.03039	118.4789	61.40092	140.974	42.96811	134.1419	60.10166	166.0617	63.40267	437.9165	32.81302	334.1776	483.7826	8.810922	69.65017	6.115825
CUST_53990_PI42901086	M103998	0.01667	24	15	189234352	PREDICTED: similar to spectrin [Tribolium castaneur			1.04E-83	98.55351	93.67647	83.19226	111.5879	118.4632	108.0186	99.22324	78.86687	109.2686	97.78298	110.9478	99.84559	91.49463	116.8917	146.2438	132.9489	127.4645	104.4202	148.7446	127.9641	99.65085	123.0174	101.487	101.281	99.67314	93.3114	88.22213
CUST_51666_PI42901086	M94497	0.01673	24	0						39.24656	55.18575	67.04779	NA	32.53672	19.28281	24.28	6.469129	37.58201	47.76946	38.85028	59.55765	20.23937	32.91264	26.37038	5.05047	29.9042	32.52687	15.25038	40.79687	23.01614	29.26565	32.81627	41.55928	48.44993	71.54826	42.50976
CUST_10269_PI42901086	M14026	0.01676	12	9	242007122	Aminopeptidase N precursor, putative [Pediculus hu	Protein metabolism	Proteolysis	5.98E-12	111.1336	20.86543	15.08742	58.45737	36.21637	83.66867	47.91527	34.88082	14.13262	13.31013	23.23371	18.7912	35.35004	21.68681	29.2332	29.9146	51.56072	42.47262	42.68446	46.99347	35.54229	13.54024	19.6164	16.3885	13.38819	19.6164	16.3885
CUST_7913_PI42901086	N22265	0.01679	12	0	241999648	src tyrosine kinase, putative [Ixodes scapularis] >gi|	Developmental process	Other	4.6E-104	38.2551	40.45279	30.39192	35.27392	34.06071	35.19263	27.57506	28.60108	29.21913	36.02623	29.71169	23.99191	36.96378	30.42832	47.00108	31.82901	34.35136	37.52021	37.63465	26.0929	27.39302	37.04031	39.83835	37.6674	42.19441	35.05495	40.34574
CUST_19557_PI42901086	N41776	0.01679	12	3						104.0321	79.45781	108.8637	76.46353	81.7755	69.26327	86.67899	70.24276	68.24289	82.62874	89.24944	85.83424	99.19224	96.41487	100.999	99.45401	93.03197	78.41704	77.0714	108.5223	65.84868	98.56528	83.383	87.98669	110.9171	79.44802	120.905
CUST_8571_PI42901086	N23236	0.01689	18	3						8.011679	3.778033	8.904805	14.42559	12.62191	14.13431	5.226041	5.914907	NA	10.76376	6.564241	6.701803	8.225765	3.898969	4.030756	7.202889	11.90309	NA	12.10209	5.183066	NA	10.66649	14.68311	NA	30.92489	NA	11.11786
CUST_569_PI42901086	N6098	0.01695	12	0	358442122	Broad-complex protein isoform 4 [Penaeus monodo			3.5E-45	85.17905	79.32298	113.1518	73.23407	76.45771	72.92837	75.7673	77.48229	75.68737	113.1942	60.46074	88.24844	91.066	100.8596	104.6153	77.5823	77.3067	73.01018	63.90408	102.2774	74.19557	91.29321	76.24971	64.27512	106.5981	87.16389	118.55
CUST_42155_PI42901086	M59566	0.01705	21	18						155.4298	143.4699	190.3637	115.4049	137.6307	123.7264	117.2428	103.4451	126.8079	152.7823	133.5211	194.8606	120.2323	141.4486	170.0663	146.0101	138.4649	169.7841	159.2768	152.988	155.9986	146.0723	125.3899	132.2049	146.1343	130.9454	154.5663
CUST_20146_PI42901086	N42887	0.01728	18	0						24.4146	13.532	17.50149	8.099309	4.346382	NA	6.095505	11.33051	8.29257	4.693553	NA	5.034956	9.434112	NA	11.87577	NA	NA	13.69985	10.36906	9.684471	15.21234	9.416182	8.205981	6.326533	9.589321	3.522616
CUST_27260_PI42901086	N55722	0.01734	18	15	301791387	PREDICTED: BET1-like protein-like [Ailuropoda mela			7.14E-13	8.069484	10.61167	NA	20.41758	6.394773	10.46694	7.274775	9.407802	4.838598	10.78602	19.88479	7.966321	6.431841	14.99598	16.51607	10.49349	NA	9.84998	16.21863	10.75755	7.702551	8.571028	NA	4.832909	3.899641	6.272559
CUST_46035_PI42901086	M71142	0.01174	24	9						28.83874	20.6453	29.28006	18.02234	17.01911	12.88285	17.3028	11.07279	22.21682	38.94819	18.71899	29.23024	39.09942	17.67558	34.50768	25.48335	23.08947	35.69567	18.53665	15.21915	17.77636	19.07331	17.46064	17.91014	37.41548	8.754916	27.86411
CUST_12062_PI42901086	N46350	0.01179	24	12						39.52622	36.2104	34.4026	23.6747	39.55733	33.65604	27.91811	28.84855	17.74945	44.75473	30.87561	45.87664	38.70169	44.75093	53.6056	46.02447	17.09122	52.21	39.78894	42.37927	45.61391	19.94308	42.3292	45.33809	47.11105
CUST_56892_PI42901086	M114849	0.01755	24	18						719.8537	1148.187	1004.727	561.5311	678.2021	875.926	602.4628	791.0227	861.1597	948.7418	736.1144	1287.066	816.3533	1140.952	956.1852	1126.811	892.629	1090.829	952.9126	1139.583	1153.924	1094.71	967.9514	1022.691	1099.991	1082.038	1077.802
CUST_52807_PI42901086	M98997	0.01755	21	0						24.1047	43.09974	36.9771	28.66257	22.03473	19.91373	18.98793	23.18582	25.97092	26.11989	16.53332	17.03233	25.75936	32.63377	33.91698	39.46416	16.41397	26.1771	19.81911	26.56771	28.11091	38.03336	27.91811	35.66685	32.98295	28.20989	25.06723
CUST_23793_PI42901086	N49480	0.01765	12	0						44.87442	179.7697	109.5173	3.436392	11.65798	NA	9.949298	62.27945	62.67964	80.39867	53.20016	100.9197	111.3283	115.9278	52.31892	29.75085	18.43075	31.32056	71.83386	107.2518	79.84889	31.29617	178.5448	NA	115.9863	47.23018	140.2437
CUST_28910_PI42901086	N58827	0.01775	15	9	242001898	ankyrin repeat containing protein [Ixodes scapularis	Signal transduction	Other	3.22E-11	15.68573	64.85632	18.36323	13.71331	9.72827	11.52078	5.311014	23.46287	8.982813	23.74624	16.69384	20.88612	14.63709	13.69107	18.60572	18.09635	11.20426	9.059534	10.43208	15.17161	8.191948	11.20426	18.56427	7.111485	19.56685	37.7275	27.42267
CUST_31070_PI42901086	M607	0.01777	15	9	405960855	Charged multivesicular body protein 2b [Crassostre	Transport	Protein transport	1.98E-50	58.30365	65.6728	42.242	64.26189	52.67412	66.37222	58.99785	66.15125	66.70898	118.3632	99.83489	150.3647	61.5685	68.19793	64.26189	105.3388	57.20678	62.42019	67.87327	74.79904	46.39793	72.96725	45.65065	68.6262	88.99049	81.34562	67.26789
CUST_32666_PI42901086	M4754	0.01788	21	9	260791579	hypothetical protein BRAFLDRAFT_125738 [Branchi	Metabolic process	Oxidation-reduction process	6.3E-115	28.80979	50.403	35.24786	35.43275	76.53451	38.65189	38.38764	127.9952	85.90922	60.56579	99.52485	79.97123	85.75328	29.57087	47.97063	53.32755	56.30291	38.34336	43.28157	200.2396	61.80458	33.54623	44.39447	29.83725	36.40199	66.10733	53.12043
CUST_46552_PI42901086	M72964	0.01791	24	21						333.6383	289.5961	300.1314	283.5999	263.2877	283.4361	214.4445	221.3497	204.7693	319.448	260.2651	247.4184	235.6197	267.7292	252.6775	415.5762	302.8326	303.0793	258.0303	331.8125	269.8655	346.965	266.851	258.2202	346.1184	273.0127	290.7302
CUST_9215_PI42901086	N24247	0.0118	21	0						81.85243	93.84895	89.74363	70.30533	79.65072	59.

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_14359_PI429010886	N32756	0.01232	24	18						46.40223	33.47045	36.92465	22.03473	39.00381	32.52687	24.62111	34.00581	31.20174	43.87581	37.63897	45.3426	28.34801	48.05138	38.3841	49.66096	27.85193	64.18045	48.25178	42.16986	45.35819	41.28967	35.44133	34.95753	45.82004	35.53033	39.8936
CUST_29336_PI429010886	N59668	0.01232	24	0						286.997	419.1452	513.797	362.4934	402.9446	390.7246	374.1535	403.2396	325.0806	492.5912	383.7251	390.6066	380.9707	307.1797	191.528	445.5129	371.2619	345.9305	383.351	368.7924	438.2102	461.1208	478.0741	413.6726	571.7132	419.8201	464.4064
CUST_22786_PI429010886	N47668	0.01232	24	15						11.46694	16.85623	16.39936	15.38835	16.45281	18.76711	8.437018	15.96811	11.69456	18.31489	11.82115	19.30028	12.04133	11.43831	30.29871	20.13934	19.88004	14.47943	41.65923	17.5674	13.23323	19.30381	18.48046	23.95482	3.797811	10.27148
CUST_53293_PI429010886	M101151	0.01247	24	18	405965492	Putative aquaporin-10 [Crassostrea gigas]			1.11E-13	13.77798	19.95159	15.5539	10.03222	12.46576	8.011676	14.06235	14.45421	2.48	20.97837	23.13514	30.56491	20.84115	28.39575	23.17992	23.97181	14.56893	21.14025	33.76678	27.57506	26.67547	27.09726	15.23223	17.26487	42.38165	22.89976	41.94819
CUST_51443_PI429010886	M93553	0.01247	24	21						53.2143	59.16475	79.09571	39.64527	59.91437	51.11982	49.03345	42.80624	48.75681	73.49284	59.11379	46.89592	47.58792	63.70207	42.58462	46.93128	59.37489	65.56878	55.6042	65.69324	68.83612	58.544	86.43501	70.65347	58.32457	69.08039	67.19434
CUST_7398_PI429010886	N21482	0.01247	24	18	530636057	PREDICTED: cyclin-D1-binding protein 1 homolog [C			4.23E-35	95.18251	104.2917	112.8267	66.78979	63.93448	56.07148	64.648	78.15144	83.383	120.7015	88.96346	130.4682	100.7779	104.6277	91.90962	110.737	55.53245	78.95924	105.8112	122.0182	126.727	103.457	101.4116	70.68641	105.1778	80.12587	110.4732
CUST_47408_PI429010886	M75989	0.01263	21	3						99.06334	236.2907	92.47211	429.8795	155.8809	181.1767	116.4869	109.3629	101.2088	117.2732	63.81737	125.8769	77.06228	110.6199	59.68907	119.5328	58.44181	134.1419	69.08941	62.94659	188.5235	152.3559	194.1209	117.7597	200.184	262.8518	71.32452
CUST_1264_PI429010886	N9070	0.01237	12	3	156349174	hypothetical protein NEMVEDRAFT_v1g143109 [Ne			8.25E-11	3895.897	751.4303	970.0099	14629.47	6065.211	9501.999	7479.639	9371.785	1901.328	19.99991	4.700761	3.832017	4171.713 NA		1520.67 NA		17966.78	19120.04	8582.669 NA		6787.522 NA		4157.716	12983.85 NA		11289.07 NA	
CUST_9066_PI429010886	N24011	0.01273	18	15						16000.49	12445.58	4440.858	11510.47	19571.84	6247.817	12.5052	28.29331	771.6454	3651.445	7909.769	9919.546	6033.954	14406.9	19357.18	29142.09	5.14605	18217.03	2740.182	27412.06	7853.842	22767.31	4524.584	7890.624	4028.762	1943.851	2212.175
CUST_40594_PI429010886	M55562	0.01238	24	21	321477285	hypothetical protein DAPPUDRAFT_305537 [Daphni			5.39E-38	140.6991	123.2134	170.6324	103.4225	152.565	128.7368	103.4451	114.2883	143.9244	109.5408	198.008	114.6015	114.1326	96.66502	66.73255	159.338	118.246	89.45826	140.0797	113.3559	136.6977	155.9986	142.9167	144.1009	216.2249	142.4863	134.3863
CUST_37718_PI429010886	M21212	0.01239	24	18	77743875	Euphausia superba isolate DGGE band AntEuk13-5 [			4.5E-156	1035.582	557.9517	1000.153	629.802	760.0455	1175.839	440.6954	532.8085	696.1501	1059.917	1186.768	923.7156	954.6687	1706.496	1434.403	1192.582	1328.52	1309.784	1317.338	1949.421	1581.923	879.939	713.4223	523.4011	2132.178	1471.445	2452.337
CUST_37124_PI429010886	M17972	0.01239	24	12	340722096	PREDICTED: Bombus terrestris dual specificity mitog	Protein metabolism	Cellular protein modification process	2E-84	85.32395	89.24114	94.68098	80.22855	78.87647	95.83965	66.22546	52.05749	69.56167	93.94852	79.49534	88.37144	89.49881	107.823	102.5272	118.7528	66.11527	81.09417	68.41788	68.93293	80.73902	83.61604	84.27092	93.62063	90.21463	74.17182	79.5827
CUST_49189_PI429010886	M84589	0.01239	12	0						167.0511	138.8758	121.5738	290.0281	120.1371	120.5518	91.77189	118.9193	96.74817	130.3743	105.0723	137.5108	125.1637	146.9588	154.2903	147.7898	89.48953	116.8603	103.1477	91.05924	101.5014	115.4469	108.4414	118.8737	127.0833	103.2145	110.3616
CUST_32655_PI429010886	M4707	0.01240	18	0	242025576	alpha/beta hydrolase domain containing protein 1,[			1.37E-59	557.6662	700.4893	550.4344	338.0611	553.514	525.5752	443.4781	478.5158	350.3639	528.618	566.6261	489.338	293.6394	371.9875	493.8599	914.1643	499.1257	615.5507	547.2331	570.2153	493.7491	455.2984	402.2817	496.875	515.1721	513.0951	573.9804
CUST_32685_PI429010886	M4810	0.01240	18	9	149675211	cuticle proprotein proCP5.2 [Callinectes sapidus]			5.32E-71	4436.798	2077.773	7930.333	1764.536	1014.347	1649.441	4882.08	15892.67	18496.67	15604.09	12053.21	14493.88	15845.68	32528.46	18257.85	4263.359	11143.54	1531.812	5959.328	15060.57	3934.354	3139.6	18524.86	1581.192	36785.94	9660.218	33985.8
CUST_46265_PI429010886	M71998	0.01240	18	9						187.181	229.6885	234.6243	153.7558	178.833	141.6349	136.1246	158.7119	208.2116	345.4444	235.6566	284.6976	185.4432	256.7514	243.4729	288.1636	200.9243	215.1259	208.138	274.0115	203.5264	283.9501	256.6122	160.5552	339.3078	217.7746	306.1523
CUST_48606_PI429010886	M81242	0.01240	18	0						33.68381	48.90708	37.40087	39.28519	29.61255	49.42389	22.13275	27.58029	25.95987	32.55113	26.21698	39.02972	33.54956	38.22991	41.03316	48.40695	31.82901	49.54555	31.09423	43.40065	23.84339	29.94885	31.63804	35.82003	30.41187	36.14137	42.06392
CUST_31971_PI429010886	M2871	0.01242	21	0						891.7466	943.3673	808.4761	827.8275	710.9044	785.0368	635.813	598.6499	669.4372	761.7734	681.7268	808.4761	683.9239	761.273	800.0152	1167.349	632.4528	832.0351	818.0738	741.2403	733.3828	930.2399	671.5411	818.4343	792.4242	804.8286	694.7611
CUST_24723_PI429010886	N51149	0.01236	24	0	226693231	arginine kinase 1 [Neocaridina denticulata]			3.5E-52	130.2384	129.2544	152.5473	81.42898	136.6377	124.6057	114.7609	79.45781	97.89286	125.1102	114.3617	107.638	63.53447	101.5112	87.31709	125.3551	128.1445	150.4806	122.2551	97.5299	102.7028	116.7168	94.01656	100.542	188.5235	116.0676	177.6428
CUST_39249_PI429010886	M36704	0.01236	15	9	328899610	ribosomal protein L35 [Procambarus clarkii]	Protein metabolism	Ribosome biogenesis	2.39E-20	3227.523	7637.386	4561.712	5367.717	6474.137	7355.509	5654.855	4399.213	7605.917	7207.278	5693.449	10790.28	6273.384	5289.144	5787.347	5181.094	3572.519	3960.835	4083.732	4532.248	5663.977	8627.68	5125.683	5283.671	6253.288	5794.422	9106.522
CUST_9689_PI429010886	M3054	0.01242	21	3						66663.04	54992.02	72295.32	780819	75608.53	76476.71	68283.18	62198.15	74829.64	76141.25	54279.51	53582.06	60338.91	69607.7	52133.5	54708.78	52551.15	65872.24	57482.98	57772.94	83813.84	71255.08	79681.93	45663.69	74289.93	71527.46	70048.09
CUST_49972_PI429010886	M4200	0.01242	24	18						86.95691	NA	151.3078	42.2764	58.33368	109.6112	94.18675	83.92582	42.54782	55.15261	39.59771	NA	52.59262	54.5396	31.8423 NA		29.94447	87.26148	166.7568 NA		85.52397 NA		89.86907	91.81682	119.4427	81.8019	160.169
CUST_32147_PI429010886	M3364	0.01242	24	21						84.20531	90.33731	63.82351	70.52611	68.2813	46.38212	56.31693	40.25661	59.29234	67.21241	65.38596	85.60322	59.09902	83.87586	89.35703	110.2048	52.21965	102.8432	61.25792	109.0449	74.48926	99.00087	82.84904	79.043	79.33173	62.81643	78.82383
CUST_46174_PI429010886	M71678	0.01247	24	0						40.33076	28.49366	21.51643	16.30792	16.50225	21.49674	34.08252	15.98525	17.3861	19.61727	17.40574	13.78438	18.46967	11.74368	21.91188	33.27763	20.45436	27.95506	27.4201	22.77856	24.19734	40.05517	19.83086	26.13969	43.14351	18.50772	37.31704
CUST_31120_PI429010886	M739	0.01248	24	15	291231880	PREDICTED: predicted protein-like [Saccoglossus ko			1.48E-41	144.1199	169.9162	243.3595	135.5775	156.5024	160.4822	133.8452	157.4172	149.2835	239.2718	225.6208	329.5922	280.6238	233.9335	266.9045	267.2735	267.9382	166.2981	251.1828	161.7305	169.9162	234.443	327.9176	265.6599	211.6792	198.7745	260.5083
CUST_36014_PI429010886	M14292	0.01249	15	3						30.43732	52.53115	49.69905	48.2905	54.15061	44.90621	46.19529	33.64659	36.2246	49.95028	43.82673	31.35806	27.81399	20.49313	22.59328	44.7891	50.8348	37.53618	47.47988	45.07578	39.0395	46.07745	39.7525	30.19656	44.01036	22.19563	32.60782
CUST_30924_PI429010886	M231	0.01249	15	12						771.9192	978.9007	885.7556	847.0661	654.7049	793.9994	539.4382	638.47	758.8197	943.689	688.7233	1070.582	765.2983	1083.296	1192.582	1114.646	759.2915	974.6113	727.1859	1160.888	821.4933	915.8521	767.2232	688.5897	1064.349	1013.272	1095.532
CUST_11821_PI429010886	N28458	0.01249	15	12	198435252	PREDICTED: costars family protein ABRACL-like [Cio			8.84E-25	81.51675	60.45419	97.92701	80.72822	66.4925	56.57948	48.65694	70.33128	61.45036	135.9425	71.91218	92.9186	110.5384	107.8324	110.7482	124.732	55.2283	80.9845	76.50762	91.60957	104.4333	91.28115	78.01974	52.79712	107.7388	83.79573	130.7098
CUST_27777_PI429010886	N56676	0.01249	24	6						19.19934	12.502	21.74369	11.54685	20.81295	31.08481	32.68104	27.71267	30.34438	19.04736	10.8172	6.702805	14.54325	17.8888	16.8263	7.47347	15.81556	9.057109	27.45965 NA		8.648968	10.71609	9.055842	19.28994	12.04453	9.69944	NA
CUST_35254_PI429010886	M12667	0.01249	21	18	295639972	chitinase 2 [Penaeus monodon]	Metabolic process	Carbohydrate metabolic process	5.4E-143	69.19616	44.40267	18.20618	77.84895	87.08384	47.42463	22.70524	5.113279	20.08095	42.17788	51.57463	46.3344	77.95158	61.08538	54.13488	106.7397	9.545589	27.54135	53.82968	87.7947	10.2912	14.48434	33.8524	56.43628	120.9579	31.5965	23.2088
CUST_38595_PI429010886	M28404	0.01249	21	9						63.51336	140.2062	91.59828	97.87109	438.2102	506.24	141.3582	222.9689	71.65614	248.7014	338.7848	451.3065	86.3406	135.5426	178.5448	122.7332	540.5776	227.4117	150.5005	214.6655	62.11683	58.597	94.55772	256.6962	87.10078	574.4245	173.5554
CUST_4381_PI429010886	N16634	0.0125	12	0						34.7029	32.80137	54.46306	24.07489	24.58762	25.05489	32.30965	28.93983	30.53018	18.23858	26.83276	33.12364	42.6663	51.20005	31.43005	29.06792	26.11989	41.29432	36.12242	32.50599	28.04755	34.58756	31.2636	21.26038	52.32895	37.84181	36.21024
CUST_16595_PI429010886	N36525	0.0125	12	3						59.25275	36.53812	40.36236	63.3148	86.08273	101.0393	100.9074	59.234	33.25728	24.18144	75.30403	27.59392	42.18155	42.95918	37.60419	121.1638	109.0854	62.82655	56.22273	31.89828	66.23254	50.72999	57.94787	81.92166	40.17935	37.50798	30.40149
CUST_25872_PI429010886	N53213	0.0125	12	0						31.68203	73.1906	60.69824	28.83204	59.57796	50.37311	29.64209	45.27903	58.28332	26.62182	27.29125	57.49062	69.22629	37.67574	48.62912	65.11921	91.22284	57.56812	34.97152	34.45011	47.59295	32.45773	27.47176	23.29812	33.19093	60.79572	166.0195
CUST_27884_PI429010886	N56874	0.01253	24	18						40.39881	32.15505	67.59725	16.25929	31.03692	28.30863	40.77403	42.94589	35.4058	34.87551	44.94077	49.86266	43.95633	55.96041	57.22832	60.09613	51.71837	36.70412	65.83024	51.4111	38.24304	49.38456	41.85446	44.55872	53.20866	43.09035	58.29649
CUST_12073_PI429010886	N28887	0.01258	18	0						635.6512	381.8763	636.1084	446.8256	296.1446	377.8878	326.7925	334.1058	342.5053	446.2007	363.0918	428.0243	332.3269	396.2899	393.8505	583.4081	621.7238	422.6396	470.0153	554.9764	438.1052	377.4127	578.1088	431.842	789.0995	302.3102	340.1906
CUST_28206_PI429010886	N57503	0.01258	24	0						24.54709	34.52311	47.3028	30.94543	41.44167	47.49605	40.28418	42.05465	47.48523	38.26462	47.07001	59.2457	41.61311	38.18132	39.50511	49.85667	16.8666	37.52322	35.678	34.58379	35.41597	33.62524	38.0269	34.29142	43.33449	43.52847	55.01225
CUST_14429_PI429010886	N32869	0.01527	18	15						36.94632	37.6014	28.68501	30.73521	31.30264	27.59147	17.94517	18.57528	27.91206	29.43393	22.72881	33.04717	22.60454	15.2714	30.56193	38.45723	26.37038	41.38719	21.55161	31.32056	23.30987	41.36078	20.63988	36.43958	19.62649	14.01751	22.13925
CUST_53148_PI429010886	M10040	0.01534	12	0						17.63183	23.13968	21.35972	8.994284	19.98576	20.16285	12.27925	17.15538	17.71709	22.9275	15.74407	20.02426	20.45832	19.27695	26.97522	19.35495	14.34109	17.37163	15.32781	13.01381	22.89976	22.01419	14.68592	11.30106	27.34621	29.9146	37.03334
CUST_32686_PI429010886	M4246	0.01534	24	9	260796835	hypothetical protein BRAFLDRAFT_119547 [Branchi			5.59E-56	62.99776	76.18529	69.90744	41.37211	58.2166	59.72927	41.66498	43.73443	51.04982	71.71135	44.70035	75.4087	45.33809	69.46249	69.68816	68.95801	49.44888	58.67067	63.88829	61.218	65.88676	80.0595		
CUST_35700_PI429010886	M13254	0.01562	18	3						916.49	222.0782	663.9332	527.7394	398.132	721.1961	633.3531	364.2987	172.1642	98.38324	313.0924	55.03461	250.587	156.2332	178.3086	150.8963	649.3217	419.9089	837.1072	59.70983	443.8496	200.2396	648.4582	813.4135	108.3885	397.7744	99.01075
CUST_43043_PI429010886	M61933	0.01563	18	15	117414788	Euphausia mutica 18S small subunit ribosomal RNA			5.73E-79	101.2274	62.94659	96.25237	21.32603	116.2211	58.4208	78.32339	76.57774	48.02842	145.899	79.72112	72.8742	143.2735	128.8011	61.25018	134.162	99.40267	94.00857	98.86383	90.8645	91.04966	48.03245	68.73669	44.22142	38.91955	50.04478	103.2145
CUST_47806_PI429010886	M77682	0.01581	24	0						658.6556	892.8593	796.2928	678.2021	676.1626	708.7623	533.8243	639.8175	634.9072	791.8244	648.4582	930.8848	668.1948	492.4839	561.2769	862.1393	586.3578	789.7368	643.2335	786.1873	814.8201	888.436	700.9759	662.2599	1061.463	831.0172	1112.909
CUST_6451_PI429010886	N20119	0.01581	24	0	410902708	PREDICTED: Takifugu rubripes tubulin gamma-1 cha	Cellular component organization	Cytoskeleton organization	2.65E-97	43.83106	49.13393	43.21618	23.48661	21.17943	30.61198	11.56285	32.06599	26.16206	44.1334	30.79365	42.84203	18.44318	21.19291	36.94269	44.48344	26.30221	37.86103	40.36651	21.48446	30.94122	28.53253	37.27042	33.57067	46.87582	45.87664	44.7891
CUST_47455_PI429010886	M76202	0.01589	15	12						61.80458	71.33278	108.8415 NA		20.22682 NA		24.55066	90.41498	170.2284	138.7812	96.77635	183.266	170.0985	409.7595	225.4439	50.77711	189.9152	48.12117	6.51898	180.9857	14.69551	93.04202	177.3959	3.414082	159.3888	80.32797	123.9463
CUST_42578_PI429010886	M60633	0.01592	18	0						26.22564	12.93967	14.59396 NA		7.090444 NA		9.194369	11.92505	13.5817	7.766831	5.394188	6.396975	7.393906	7.521524	8.21709	8.462821	11.38971	13.33083	6.301983	18.08454	23.40583	6.942868	9.666802	19.37939	7.681885 NA		10.49518
CUST_1333_PI429010886	N9318	0.01602	24	21						9.407802	10.25912	13.0885	6.313975	12.24661	11.54372	7.884889	7.670181	10.97938	6.362315	11.98592	10.4406	6.147413	10.31476	5.05047	5.308585	5.858189	13.89615	6.938783	6.727538 NA		13.47559	12.08102	17.61017	10.31018	13.3326	11.09833
CUST_34953_PI429010886	N11153	0.01607	24	0						60.08957	67.79763	84.28941	78.60763	45.21982	49.96135	48.75136	45.50557	42.79014	54.10071	50.88842	43.8479	47.02813	62.4936	40.66087	56.50947	64.40125	55.28753	62.38529	41.19711	64.73185	54.5089	75.4087	53.76018	64.07157	47.21351	48.75136
CUST_36519_PI429010886	N14199	0.01626	24	12						9.827509	11.49399	9.447649	6.224472	7.07379	10.39792	26.92163	22.71838	24.09176	23.47811	22.16225	10.35487	8.6343	20.6453	20.08697	16.27183	13.79091	11.01127	14.19142	12.45833	12.29401	25.80185	18.79417	9.742147	NA		
CUST_22399_PI429010886	N46965	0.01634	21	15						170.3963	181.2698	207.5722	121.6348	199.4211	189.144	186.9949	190.8604	178.4723	196.8321	186.4327	216.4474	195.7902	228.5019	202.8541	180.7887	260.7973	220.5435	225.8046	209.7275	179.2012	198.7745	200.3982	216.5751	156.2928	143.3418	196.4155
CUST_23075_PI429010886	N48215	0.01643	15	12						38.20891	37.63465	73.70231	25.75936	27.00493	41.71124	41.52003	52.27598	45.26792	43.34938	41.6172	52.59262	51.2779	63.82351	56.57261	46.02927	46.52715	38.94819	57.08439	44.02718	27.73533	45.23797	45.73272	30.48948	59.76158	54.6573	62.01223
CUST_56030_PI429010886	M112586	0.01644	12	3	321478880	hypothetical protein DAPPUDRAFT_310106 [Daphni	Metabolic process	Carbohydrate metabolic process	2.01E-20	524.4761	326.1708	97.31477	1616.675	1316.22	1895.191	1137.521	636.1084	342.0536	54.97901	1041.548	115.8594	525.7241	102.4425	366.4064	153.9392	1978.873	1275.086	551.3995	120.5667	625.332	290.2221	572.7376	1492.759	72.60868	864.2169	34.31858
CUST_11818_PI429010886	N28453	0.01644	12	3						156.4871	32.16133	68.25442	426.3841	386.6669	857.8725	408.1397	212.1657	52.01256	9.750393	303.854	19.56461	128.8011	10.70994	51.50855	14.69352	913.4609	700.4893	524.9601	14.6546	189.5687	13.61539	179.5282	351.1934	12.61292	303.2078	7.885901
CUST_21397_PI429010886	N45146	0.01644	12	3	260813040	hypothetical protein BRAFLDRAFT_95006 [Branchio	Metabolic process	Nitrogen compound metabolic process	2.35E-07	26.14633	9.02447	7.987477	53.18376	40.85343	159.4135	16.32267	50.42448	5.749389	15.74591	57.18099	5.175611	22.39942	11.09075	13.86905	19.31761	65.96571	80.53946	119.9288	18.42271	19.2347	11.26061	26.06265	23.26285	7.441066	15.67417	13.40721
CUST_2442_PI429010886	N12359	0.01659	24	21						32.90178	34.12708	34.1704	26.88229	21.16222	33.44293	21.93695	16.95326	27.25936	26.2903	31.12088	30.10233	40.3065	23.68579	29.25886	35.09563	30.20292	35.66075	26.36365	21.78224	35.55553	35.07318	41.36078	41.36789	41.62677	42.41594	58.13824
CUST_36877_PI429010886	M17119	0.01676	12	0						15.16642	43.58778	31.33456	26.32739	22.79581	24.25419	9.257427	12.32603	26.63815	30.71736	24.69322	39.11677	27.21982	61.91569	43.83694	35.22807	14.21847	29.43926	14.52793	33.03817	18.7709	43.79745	27.14155	15.57695	37.63897	40.77106	36.34355
CUST_41821_PI429010886	M58632	0.01676	12	0	383850170	PREDICTED: kaptin-like [Megachile rotundata]			1.72E-21	29.49942	56.70973	23.30384	23.38781	18.11915	17.92979	16.07261	15.83863	25.15091	28.70795	19.95383	19.64381	24.23621	25.888	49.02131	35.27881	20.12612	17.47239	11.85953	23.94925	15.24921	42.12286	15.05158	22.90764	22.74317	23.07793	33.03817
CUST_52929_PI429010886	M99932	0.01676	12	3						108.1336	856.1081	768.2695	1310.544	689.6848	660.0703	556.3775	585.2476	666.1474	992.2058	957.8471	1124.348	719.8537	2060.137	1527.118	1629.467	680.1041	674.2165	1385.841	1359.441	1225.452	1392.18				
CUST_3144_PI429010886	N13892	0.01676	12	0						29.68336	57.33863	60.6077	41.2427	18.1616	19.0657	18.86766	23.85638	26.8539	35.74774	33.09643	28.82923	37.62657	55.29319	54.83755	39.65895	22.59328	44.03947	21.51773	32.86927	21.49928	65.49092	47.08024	38.74854	45.04433	32.51998	36.2246
CUST_11341_PI429010886	N27651	0.01268	18	12						38.11258	28.42752	25.77821	19.44155	24.24502	20.34203	18.06186	16.14981	22.62281	31.91824	22.74775	28.229	26.69053	33.54956	32.56046	30.31727	34.56663	23.21071	23.81072	17.33333	25.59587	23.72179	36.19875	25.14633	27.7492	22.70524	22.18079
CUST_39874_PI429010886	M46058	0.01268	21	12	148841019	hemocyanin subunit L [Marsupenaeus japonicus]	Transport	Other	4.27E-24	56.78823	80.51303	70.58339	129.4353	260.5083	40.58399	224.4715	765.7162	281.4899	113.0468	577.5152	699.4291	2850.368	133.2626	1320.618	67.46884	873.1071	76.24385	148.2477	25496.93	916.49	74.40209	124.6404	65.87006	60.88717	237.506	859.4575
CUST_14371_PI429010886	N32771	0.01683	21	0						72.47293	78.66048	65.77588	50.30627	30.20136	31.82901	22.66333	46.8066	30.62818	40.03126	25.25069	33.1071	43.33449	59.78571	41.06999	59.00313	53.68104	38.54575	29.88134	51.192	59.06419	49.99255	37.93755	59.46938	59.61145	27.78206	63.08907
CUST_5046_PI429010886	N18191	0.01686	24	15	380028927	PREDICTED: ubiquitin carboxyl-terminal hydrolase 7				118.8596	117.2885	95.21856	84.47788	83.34341	107.9692	85.75328	86.93205	83.32632	141.72	104.4333	150.4806	96.029	114.2091	104.8753	152.8609	106.002	149.3697	117.0962	116.6405	123.0016	113.6358	122.2551	100.1974	149.5758	122.6587	107.6119
CUST_20508_PI429010886	N43577	0.01687	21	3						21.89117	35.37524	27.0028	59.6055	26.98754	43.78734	15.38835	21.35072	21.7647	20.83704	11.18163	36.23362	14.44097	24.63224	11.17512	19.73096	5.401786	29.34549	12.98486	5.555758	27.73257	22.27045	31.71799	28.57302	28.46316	49.04149	15.444
CUST_49282_PI429010886	M85009	0.01691	18	0						37.97967	28.88138	34.9503	11.12035	20.30807	12.65789	27.41533	15.19655	13.27381	17.34013	14.84745	24.77801	21.13287	19.84447	28.96358	51.4	27.2271	16.63564	29.09612	28.49131	26.70421	21.23199	20.9473	10.34377	23.46033	17.4527	13.5521
CUST_20653_PI429010886	N43824	0.01702	18	12	321458840	hypothetical protein DAPPUDRAFT_228516 [Daphni			1.2E-15	11.37412	16.41995	9.824879	4.418861	9.146938 NA		3.952449	10.20734	11.73913	19.57173	11.78894	14

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_72_PI429010886	N395	0.013103	12	0						61.38847	66.81883	82.59837	74.69976	79.80797	79.97877	69.68123	58.99785	59.27376	74.57029	60.44797	69.81278	78.19261	101.2666	86.7497	73.90307	71.6044	62.68635	72.11758	66.34998	62.44513	87.30486	81.03057	60.14737	94.47657	83.35473	74.55697
CUST_43651_PI429010886	M63583	0.013128	24	18						20.89343	51.34688	60.30436	36.12998	27.08746	19.21762	45.05595	41.42564	25.05744	27.72962	20.15879	42.91838	36.07274	54.8287	37.91955	74.43452	26.22564	33.65009	80.50367	64.61143	62.48029	62.04074	33.28088	32.45148	39.83835	28.7982	60.82746
CUST_12627_PI429010886	N297608	0.013146	24	15						179.2795	207.2391	187.9002	144.3246	138.4789	117.0641	111.3943	155.8611	157.8167	155.1996	165.3446	208.6342	144.9176	186.2287	187.9283	249.8117	161.711	178.4456	153.5797	195.2252	144.0774	151.0154	175.1768	109.1768	226.6353	146.9814	211.3962
CUST_52858_PI429010886	M99237	0.013159	24	0	533148364	PREDICTED: mitotic spindle-associated MMXD comp			1.81E-25	48.41112	51.02123	43.81006	19.68628	38.39166	25.73774	39.40002	26.46898	47.32005	39.99252	23.96204	29.93088	21.16716	28.65923	23.66736	32.7674	13.56063	34.91043	42.8661	24.23967	37.80681	40.87944	16.88136	23.76056	50.04478	27.0144	45.34827
CUST_56111_PI429010886	M112803	0.013162	15	3						289.2842	319.007	149.8948	467.9877	340.5982	349.5009	333.5908	168.4961	112.8577	179.7938	269.2314	155.2361	204.3252	140.1704	135.2179	193.2088	225.7224	204.4866	190.6724	262.1655	208.39	333.708	142.5067	194.777	172.9267	165.9977	65.65578
CUST_14420_PI429010886	N32858	0.013162	18	9						171.5473	99.62003	123.4117	106.7397	211.0494	137.2513	256.5714	158.8514	167.1292	233.2471	227.8652	200.7582	99.53996	165.7972	186.7272	232.7081	183.9787	252.7637	146.765	141.3142	136.4108	189.5352	122.5181	198.2178	192.9519	294.4572	316.122
CUST_33999_PI429010886	M8467	0.013165	15	9	270004843	cubitus interruptus [Tribolium castaneum]			6.33E-11	41.59799	59.76845	55.00033	42.64756	66.00564	50.9755	44.79489	38.45723	60.68591	61.5	50.23482	75.17352	73.16394	70.108	49.02873	68.44956	34.40352	69.74095	32.00727	54.1859	52.18439	70.02583	54.78436	80.19532	80.6942	81.07113	103.6651
CUST_1578_PI429010886	N10134	0.013165	15	6						2288.66	2939.878	2773.22	2747.282	2593.467	2811.816	2629.007	2092.578	2826.022	3303.552	2491.849	3469.507	2524.383	2945.87	3022.502	2863.818	2363.842	2632.403	2169.749	2736.774	2834.55	2949.668	2838.594	2925.159	3358.264	3368.325	3222.703
CUST_6952_PI429010886	N20825	0.013165	15	0						663.1345	739.338	783.8018	659.8695	688.7233	878.7545	279.0433	238.8964	261.0789	634.1523	882.153	698.8251	190.8326	561.1634	355.5348	745.8794	735.5143	704.1186	527.0813	959.6386	644.1161	525.5752	453.79	375.4169	820.0337	505.2828	519.1962
CUST_8012_PI429010886	N22415	0.013165	15	9	383859710	PREDICTED: transcription elongation factor SPT5-like Nucleic acid metabolism		Regulation of gene expression	5.52E-40	22.44818	41.40356	23.8296	26.44421	24.78255	19.08808	33.91251	26.36808	30.6709	36.48332	37.80681	35.29716	22.59655	42.68463	52.52687	41.09904	21.70044	29.69991	25.11853	23.13968	27.21982	37.62657	32.80956	36.08743	43.13359	26.98251	38.51022
CUST_17137_PI429010886	N37415	0.013165	15	6						25.15661	19.40925	41.62253	27.95506	28.45961	26.26779	30.5332	34.99003	45.05092	25.24001	29.11372	30.41595	31.44965	40.28418	26.75604	25.22098	24.14372	21.40881	20.6935	32.17296	31.66159	41.07674	28.87402	32.53107	32.90178	30.06877	25.73345
CUST_48601_PI429010886	M81218	0.013217	24	15						9.778317	4.364625	8.143445	3.878858	11.08304	NA	NA	5.135124	4.799639	5.009581	10.50787	NA	9.388689	7.656642	21.34584	44.33871	2.56434	17.00562	5.490342	4.508565	19.61118	11.06582	NA	10.52648	9.343228	3.961673	NA
CUST_4726_PI429010886	N17351	0.013188	18	3						5.191851	18.85135	NA		31.43244	10.29246	26.60787	16.95796	4.413972	9.23673	5.973441	10.32671	11.89545	4.415485	3.288492	9.323293	11.71408	NA		12.6884	NA		8.201884	16.13535	16.96853	28.76281	10.79019	19.5882	18.17081
CUST_43567_PI429010886	M63362	0.013188	12	12						10.82657	6.261173	20.47876	7.20793	6.474157	7.342643	4.996297	8.499443	12.74222	16.46215	4.182504	14.29027	59.70379	29.55524	15.15645	9.750393	10.25079	9.834889	8.07676	11.51778	9.384386	9.192825	13.52202	NA		12.27296	6.740179	13.94276
CUST_14459_PI429010886	N32924	0.013189	21	18	321458586	hypothetical protein DAPPUDRAFT_300887 [Daphni Transport		Ion transport	4.96E-34	67.43306	75.99857	51.87045	61.60388	51.56072	33.69477	38.33525	24.16825	28.09147	70.28439	55.29319	44.5467	58.84482	61.12299	50.17076	83.76494	32.66548	39.93503	47.18136	86.08273	69.29923	102.7622	46.88603	42.22198	55.08741	46.58823	41.55626
CUST_24396_PI429010886	N50554	0.013192	24	0						40.03501	26.19976	65.53578	26.51493	17.61362	8.418027	22.0796	43.22574	45.50557	22.71614	19.62227	14.53418	16.80616	3.85977	13.4766	19.92471	23.89866	15.42734	25.57573	27.43563	23.35433	24.29286	31.43817	16.79903	27.18775	16.65372	24.84105
CUST_33767_PI429010886	M7837	0.013211	24	15						521.3278	626.4662	504.6329	474.2296	611.9605	595.7445	389.7993	495.3471	338.892	649.8854	576.6597	774.5083	473.2302	488.0718	486.7621	652.2303	781.185	585.0822	672.3398	525.5752	504.7239	638.7779	635.9764	615.211	627.2172	445.7286	509.7336
CUST_28241_PI429010886	N57575	0.013227	24	18						242.4714	209.7275	255.4386	189.6625	158.8514	163.8459	185.8972	220.485	172.9097	245.4886	205.2221	207.3573	205.909	217.7746	164.1721	207.0425	249.8933	192.586	208.9955	267.5678	225.5895	224.4715	217.7483	179.678	211.4366	182.2638	192.442
CUST_10495_PI429010886	N26324	0.013235	18	3						73.34493	114.0443	81.65401	171.5147	142.8394	90.11072	104.8909	88.92819	38.4072	47.31501	120.9718	109.4106	45.35819	53.50062	83.0149	57.45413	65.23612	66.59221	40.23874	60.74611	164.7862	105.798	114.6834	117.621	106.3333	81.54717	62.04982
CUST_50020_PI429010886	M88284	0.013239	18	12						43.65248	27.61208	50.131	21.05599	33.56101	38.4072	43.44238	37.47945	35.30186	36.387	26.93068	70.41805	43.58328	63.78913	89.02227	81.76577	41.05122	50.33169	50.29336	48.44993	47.37022	40.17403	39.08441	30.71736	59.22654	79.17523	63.1929
CUST_25323_PI429010886	N32197	0.013241	18	0	409892959	glycosyl-phosphatidylinositol-linked carbonic anhyd			4.35E-18	100.0408	64.87589	90.01113	114.5149	80.63947	116.0217	30.16372	38.06764	22.74008	79.37795	39.14912	79.5827	53.56751	49.46731	50.546	79.79104	42.59502	65.09219	106.064	43.27701	72.58192	38.11743	17.08222	71.52967	58.11529	29.30133	28.1226
CUST_35755_PI429010886	M11427	0.013245	15	6	260786739	hypothetical protein BRAFLDRAFT_63363 [Branchio			1.39E-10	41.42484	38.58369	59.15067	38.2326	38.60384	36.60129	46.17776	30.26232	49.36528	65.24322	31.36644	49.77029	41.47521	61.11955	54.01314	57.94186	43.29519	50.94926	31.85274	44.10538	46.73136	46.81015	46.54874	37.26574	46.84204	52.9883	50.93524
CUST_38378_PI429010886	M26020	0.013245	15	12						42441.75	4205.626	81077.7	1492.073	3390.638	2379.147	48465.49	103589.1	78081.9	78574.02	21220.67	21906.22	82964.44	107232.5	78574.02	10524.41	58209.54	3787.685	37739.19	33611.5	15246.84	70816.79	93952.87	16000.49	101136	15778.6	86620.4
CUST_34287_PI429010886	M9245	0.013245	15	12						16.93833	22.89389	32.17021	18.69493	9.36909	13.99779	12.17715	15.26731	22.19273	19.99051	22.46339	21.45407	25.85777	22.7667	14.70379	19.83698	22.86472	14.51836	11.7971	22.1165	10.82851	14.06114	18.91018	18.02985	32.76173	14.33789	23.43812
CUST_9733_PI429010886	N25116	0.013245	15	12						63.00378	47.82652	78.33945	52.23527	41.45045	39.62195	38.66828	50.15777	56.60803	55.92013	52.93292	67.12853	49.27153	55.80731	88.07214	54.45016	63.80913	49.3195	44.36476	48.98001	35.4058	65.93703	51.15902	40.62506	62.89604	51.50234	61.03938
CUST_11789_PI429010886	N28406	0.013245	15	24						67.98118	41.65038	57.16139	34.74405	33.21734	33.19093	53.01337	68.30614	34.20386	79.36014	38.19149	42.6663	48.90211	70.61376	49.39411	37.07935	67.7616	52.5097	52.55999	31.97801	38.25121	37.20514	42.65591	37.03334	83.23552	37.9742	57.65633
CUST_51744_PI429010886	M94823	0.013265	21	3	465952717	hypothetical protein UY3_17887 [Chelonia mydas]			3.54E-23	1218.367	3730.34	1787.33	4755.263	2236.34	2404.795	1453.376	1693.628	1327.226	1929.904	795.7542	2108.426	1159.33	1736.508	1251.807	1634.318	679.5311	1412.634	858.518	1382.607	2298.025	2511.522	1895.191	1606.044	2698.741	2877.641	1178.063
CUST_8563_PI429010886	N23226	0.013268	15	0	307184380	Carbohydrate sulfotransferase 14 [Camponotus flor	Metabolic process	Carbohydrate metabolic process	1.37E-19	296.8223	335.74	426.0225	185.8187	169.5826	281.9234	222.2769	252.4492	244.9911	285.1566	221.425	295.0205	280.7168	407.6622	285.6058	379.2779	310.0812	332.8858	199.1036	351.2576	283.9501	343.4753	250.8185	262.2092	285.2578	274.9043	321.803
CUST_55589_PI429010886	M110871	0.013285	24	21						68.78674	76.28297	89.72544	59.91437	63.1995	73.47109	63.17657	66.50645	65.71273	93.62063	63.1929	79.07032	54.40561	79.01755	71.30124	65.36594	74.51037	78.16064	81.63335	58.7202	81.03965	81.30299	108.6304	90.3035	69.80023	71.93323	79.4217
CUST_36243_PI429010886	M15142	0.013285	24	21						569.2573	563.6523	516.5602	486.3734	359.3716	459.6219	380.8862	529.7833	394.5293	605.0923	490.2884	616.2727	526.8072	667.7123	441.0416	617.029	571.296	451.4433	574.3589	535.6554	537.4529	698.4337	582.9606	628.3128	780.9267	604.429	696.015
CUST_44597_PI429010886	M66424	0.013285	24	3						1407.859	964.2217	663.1345	1884.761	1444.045	2268.121	1364.277	1118.972	1165.934	908.1498	813.1389	1072.593	944.6524	829.8828	711.9048	1037.639	1953.939	1696.249	669.6491	776.6013	800.5484	847.0661	930.2399	1914.117	910.1372	1912.382	838.4693
CUST_19887_PI429010886	N42390	0.013285	24	21	345498241	PREDICTED: transportin-1 [Nasonia vitripennis]	Transport	Protein transport	1.51E-54	24.53942	21.48663	24.4716	23.99191	18.57528	16.70757	9.086428	20.07638	24.0618	28.1226	17.33858	25.80044	17.92364	33.72458	22.81875	33.56428	9.23209	28.94202	23.06972	30.52691	26.93627	43.5925	31.39582	25.88533	28.31689	28.57291	29.80377
CUST_10600_PI429010886	N26492	0.013297	24	15						31.97801	20.87902	19.70849	23.25478	34.0946	22.54321	15.77707	25.352	20.91887	34.36622	29.54213	33.96909	28.13108	33.69477	32.29627	34.68835	55.15261	38.121	35.09563	88.18553	18.554	38.0368	32.24939	33.69477	45.98571	32.03583	35.28945
CUST_39003_PI429010886	M33285	0.013301	18	3						30.52136	38.74344	37.26633	42.01729	59.98757	49.45564	27.28431	28.20146	28.78291	21.8123	28.62456	25.31087	27.54647	41.17841	33.42828	47.41387	26.22091	38.0116	16.11943	38.99636	30.46421	55.9772	27.08746	51.46072	38.19149	23.74918	27.4656
CUST_3734_PI429010886	N15157	0.013301	18	6						756.9801	1092.918	1665.986	331.4917	114.7256	356.7855	825.4395	1298.051	1608.297	206.0656	1210.418	846.4177	784.2356	1094.71	660.3398	1238.144	945.5514	1040.536	767.5196	473.4648	587.9777	658.8544	483.4448	258.1237	329.473	703.6838	698.4337
CUST_278_PI429010886	N3272	0.013301	18	3	307194443	hypothetical protein EAI_04489 [Harpegnathos salt			6.38E-74	5167.16	7347.807	522.8025	9501.999	6321.861	7443.214	9541.284	2158.318	5590.669	293.013	2309.39	235.2484	3134.449	634.2891	3259.251	3309.537	4639.445	6794.71	3722.852	253.3806	2318.551	1798.294	4854.251	8888.62	563.0019	3419.141	507.4019
CUST_7215_PI429010886	N21203	0.013301	21	0						84.62693	100.7517	93.06352	69.4087	86.13317	85.10115	96.64522	119.9827	98.6608	120.7611	95.39909	113.6641	83.04083	118.3632	134.2279	130.2006	123.321	100.999	98.59007	127.6673	94.11857	105.0857	106.5352	87.65825	111.2059	80.23994	109.812
CUST_1101_PI429010886	N8499	0.013301	24	15						106.8563	81.41269	93.44686	73.60851	66.86178	93.84895	79.44802	81.31167	104.5986	67.48171	83.53882	98.11651	94.01656	114.0787	119.9827	124.672	119.7198	115.3001	94.01656	111.8993	65.13281	122.3268	76.13932	86.62519	110.4991	89.34718	108.9026
CUST_38561_PI429010886	M28009	0.013316	15	3						2536.388	983.2431	1534.0321	6297.225	7364.493	6925.74	5830.309	2086.783	1423.398	166.9427	5602.191	60.84139	1594.841	274.404	698.0293	285.6058	7853.842	3172.097	6495.601	85.22504	6528.23	390.7246	4594.669	5271.276	320.9666	2366.854	111.1643
CUST_44483_PI429010886	M66113	0.013316	15	21						29.76053	19.88671	32.18854	21.55311	17.7534	20.82484	26.41485	18.57367	25.56096	29.14509	20.53338	32.76173	23.88015	25.45721	25.33771	18.7935	22.18429	27.41241	22.7226	16.13531	31.84157	17.7526	35.3892				
CUST_46230_PI429010886	M71871	0.013316	15	9						772.1398	951.9745	1008.511	548.5092	803.077	834.0915	710.4011	779.1452	795.1421	1337.58	781.4539	1404.631	806.3497	1148.187	1181.87	1133.023	742.4096	762.7979	907.7978	757.419	817.7915	957.8471	967.1284	846.1561	1041.548	1091.244	1271.51
CUST_16033_PI429010886	N35540	0.013316	15	3						157.17	41.17264	111.3943	184.7518	158.5396	197.989	241.0846	116.4359	65.23612	53.70396	79.93349	48.45867	98.90127	97.00878	92.29442	65.26948	244.8705	141.8325	268.2743	60.63321	95.56359	90.74799	77.89081	155.4485	54.75352	105.779	33.69201
CUST_21927_PI429010886	N46107	0.013316	15	3						847.9888	331.5388	527.3498	895.455	954.6687	1486.604	1084.753	733.9745	433.8707	172.2644	493.7491	81.87168	433.59	136.3426	296.3588	218.2859	1492.759	885.3464	1138.766	119.3119	519.4558	191.4981	393.8505	690.0315	178.3785	492.9704	112.0774
CUST_22007_PI429010886	N46252	0.013316	15	3						113.0678	79.35074	71.52214	174.126	110.9974	166.2545	177.2148	101.0493	105.779	37.51655	64.44572	34.53064	87.77632	58.40782	100.2191	73.59863	115.0699	68.35087	101.6252	31.95513	158.8514	38.68077	84.51934	143.9903	39.00627	88.01513	48.12746
CUST_20664_PI429010886	N43840	0.013344	15	9						258.4896	268.1939	323.1264	224.858	237.4703	212.1657	179.6526	239.8633	286.997	368.494	250.4969	403.2396	276.8504	355.6114	301.7927	393.5988	189.6625	260.5083	233.8649	311.9883	234.0614	271.8242	350.793	231.648	349.3181	275.9866	350.1387
CUST_15535_PI429010886	N34748	0.01337	12	3						115.0806	76.68397	91.33174	85.61256	91.22284	126.4765	88.43444	80.26839	77.89801	74.7945	76.96996	82.49999	83.45905	92.87668	87.53485	122.2019	99.45401	138.5572	91.7472	87.99607	86.7497	87.82151	74.54819	97.46537	95.80114	78.62359	105.6827
CUST_31762_PI429010886	M2343	0.013396	12	12	288188858	serine proteinase inhibitor 8 [Penaeus monodon]			7.59E-44	3262.349	5055.748	4427.545	2038.918	2596.508	1786.373	2747.282	4120.1	4672.866	4769.116	2547.522	3549.404	4803.756	5539.858	5299.221	5613.6	2748.983	2921.018	2948.044	4635.589	2303.489	6812.048	3332.072	2023.529	6448.481	2995.003	5699.333
CUST_55560_PI429010886	M110721	0.013418	21	0						88.83369	104.0193	103.8532	67.9289	55.38216	56.76191	64.10673	54.5089	46.42413	79.62582	91.98586	80.06962	68.07541	69.59584	82.43374	95.60632	75.39347	102.2534	91.71625	64.41009	79.78238	53.72529	96.0412	112.7504	70.5402	79.1048	65.68694
CUST_40548_PI429010886	M45428	0.013441	24	21						13.2768	18.2155	12.86372	18.41342	22.69834	23.80911	10.41586	8.247776	11.86764	22.4606	16.56648	23.29007	7.480574	18.92701	10.26272	11.46513	16.66259	18.84567	10.26272	8.445108	14.59329	19.6925					
CUST_48018_PI429010886	M78558	0.013447	15	12						15.00987	11.22853	18.79959	NA		6.772515	7.758109	8.886857	10.12787	10.32153	9.432782	4.693023	14.07399	21.53411	13.54322	16.42533	11.85349	7.58227	15.50146	11.49926	4.86774	6.327324	9.15176	10.56222	12.30261	13.33386	7.818797	9.108247
CUST_54824_PI429010886	M107846	0.013466	18	12						181.5941	261.6019	198.0625	147.5068	137.2699	152.3559	280.8226	172.408	220.0942	192.324	161.6167	281.0282	265.0674	294.0478	307.7422	207.1022	147.8755	144.8631	492.0126	155.5527	209.9677	225.2614	155.7397	160.6701	271.918	166.8948	254.5885
CUST_55036_PI429010886	M108454	0.013467	15	9						238.2441	252.9368	306.8772	208.027	224.8249	196.5038	207.9553	248.2061	268.1467	348.5888	208.9685	330.1788	233.5227	272.25	268.9268	276.8504	312.4689	267.5328	248.428	263.5218	205.6287	280.0685	265.8178	208.2464	322.1425	251.8789	336.9449
CUST_56823_PI429010886	M114716	0.013467	15	9						221.6459	365.0271	328.5456	302.7759	255.8665	333.5081	267.1348	252.8872	330.6772	374.7559	334.6678	515.5917	273.1122	340.7478	386.742	342.5053	256.3774	404.9556	245.3745	318.8167	316.0527	348.906	421.6972	326.9265	388.7082	338.6596	456.4562
CUST_9861_PI429010886	N25315	0.013467	15	0						43.5699	39.77048	38.11743	39.31816	33.11064	45.58535	25.37501	23.41982	34.95753	42.82987	28.93678	37.20061	24.43342	36.83629	37.69054	36.04391	40.65477	40.50555	22.33422	25.79616	36.74157	35.30186	19.84686	20.53338	49.36928	28.99027	38.82583
CUST_26385_PI429010886	N54152	0.013467	15	3	194756716	GF11408 [Drosophila ananassae] >gi|190621919|gb			1.36E-07	215.3103	228.2456	54.66707	470.7834	380.4688	439.2082	425.1252	82.95644	473.5692	12.49592	66.18886	35.89324	195.555	106.4697	233.8998	170.1249	116.3059	235.0591	72.41676	96.29479	103.7863	229.9104	71.18045	303.1495	65.18101	71.10646	20.27847
CUST_1340_PI429010886	N9338	0.013468	12	12						5197.227	11074.44	8504.473	2026.043	4263.359	2750.47	4557.188	5744.456	10575.43	10296.63	6091.908	12273.46	7995.416	9061.383	12422.81	13649.38	3981.392	8176.608	5265.647	7145.704	6091.908	12916.14	5998.97	3696.299	11202.95	7628.757	14355.49
CUST_22878_PI429010886	N47840	0.013475	9	9						9.202299	17.23326	20.88392	NA		8.454339	7.411834	13.11125	6.488863	19.34176	17.43225	8.746322	13.86795	11.28527	36.70412	13.05441	11.69586	11.01907	NA		8.774888	9.152945	6.646603	22.82885	NA	9.220146	23.03856	14.45421	22.28112
CUST_23878_PI429010886	N50225	0.013491	24	12						3821.184	3408.807	3169.026	3208.657	3627.549	3699.019	3838.985	2918.106	2903.61	2869.202	3306.634	2901.551	1790.532	2756.174	2424.452	2800.799	3893.391	4424.065	3264.299	5572.488	4472.124	3502.73	3133.82	4114.35	3520.214	3133.82	3472.182
CUST_35208_PI429010886	M11904	0.013503	12	3	328784017	PREDICTED: LOW QUALITY PROTEIN: TBC1 domain I Signal transduction		Other	9.07E-66	41.45965	18.11915	28.24369	41.50969	37.95272	50.39093	35.5525	24.21503	21.84546	28.21268	30.35236	23.06016	29.92689	20.95699	17.33696	26.01379	53.07973	44.80736	45.57	30.07017	31.46943	20.25895	26.97522	33.13714	26.97522	24.316	21.98642
CUST_50946_PI429010886	M91525	0.013503	15	3						214.6269	132.1519	118.378	253.6933	245.8233	409.385	287.5857	188.9473	113.3366	74.94569	193.4435	68.63241	134.0378	54.63526	111.9958	112.1531	284.0133	202.6446	312.9412	76.82831	147.2543	92.03214	175.8238	242.3824	77.59246	147.4736	40.54674
CUST_48365_PI429010886	M80007	0.013528	21	0	543719922	PREDICTED: 40S ribosomal protein S27-like, partial |Protein metabolism		Ribosome biogenesis	6.15E-09	24.61539	27.9603	15.7841	13.34705	29.64209	22.73586	16.79729	12.02328	13.23813	17.53908	13.35309	13.40926	19.28584	13.06343	14.36708	18.80396	20.98522	22.38584	15.62557	18.98392	6.994251	34.63494	25.05489	22.15622	16.42915	14.24812	30.46421
CUST_24508_PI429010886	N50741	0.013537	15	9						77.2785	74.25631	106.4577	62.15321	72.72106	53.09676	63.09759	91.21234	78.59764	135.6184	91.55434	95.96344	81.38307	102.8301	116.3712	106.5981	90.60771	82.47663	73.76113	105.6941	84.87934	87.22914	113.6358	67.95716	103.6762	81.2413	126.0286
CUST_8664_PI429010886	N23381	0.013546	15	12						174.6884	201.9074	202.9438	177.2677	115.9694	129.2905	116.4584	185.0427	183.8217	181.1566	143.8832	193.3073	170.8315	266.5285	220.3236	241.4042	156.4459	144.7064	151.7333	178.2181	151.8603	211.4366	192.8746	135.1811	200.8936	208.8792	216.807
CUST_21459_PI429010886	N45261	0.013546	15	12						9686	8854.389	12916.14	10165.13	8165.772	7590.588	6976.379	6767.816	12374.53	11619.8	9418.183	19711.48	13988.83	13177.04	23934.78	8436.312	6528.23	17078.69	11366.05	7853.842	10415.22	18116.83	11583.53	10915.56	16762.52	12840.33	12523.21
CUST_41179_PI429010886	M57074	0.013559	24	0						59.52835	57.028	53.75298	47.88942	42.06392	63.03943	66.54333	55.59388	50.87205	38.37256	36.83629	36.8676	52.5224	36.42724	39.52923	54.90496	36.83973	36.78203	41.909	45.33809	49.81001	41.26062	48.51868	62.406	63.00905	54.6863	42.56152
CUST_17967_PI429010886	N38918	0.013559	15	12						81.86063	54.93259	75.70522	52.8747	65.14347	54.30012	71.09226	60.26272	58.98538	69.56167	71.18669	65.54854	68.06658	67.32952	86.22581	81.12186	67.18762	67.63514	62.10992	52.58792	63.64812	61.36841	66.07282	68.4981	53.09159	57.29447
CUST_55563_PI429010886	M110752	0.013559	12	12						1027.997	705.3837	844.642	317.4402	1295.233	725.8016	1028.397	876.7586	660.5155	1892.721	734.2085	937.1457	1361.387	1155.257	978.4784	831.7121	935.3105	1557.243

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_33324_PI429010886	M6599	0.03926		24	15					326.9766	545.1015	508.6284	195.9288	362.9082	285.5481	482.976	324.1857	409.7595	410.9902	396.9018	266.4363	418.9595	530.2702	397.5988	780.9267	496.5233	567.3609	694.7611	361.0653	496.5233	629.9728	639.1213	447.5489	879.6665	440.6954	581.2638
CUST_29930_PI429010886	N60836	0.01392		21	9					35.98798	34.8364	46.69134	13.85986	36.12687	29.65821	35.47721	44.94616	23.46033	53.00119	50.02767	59.42335	29.02633	52.26577	34.90742	46.0983	41.65544	29.53078	38.22525	45.66434	18.47407	34.57676	36.40505	28.22043	31.13099	26.60013	31.03692
CUST_46427_PI429010886	N73616	0.01392		24	10					94.127	81.87168	105.0857	93.96395	77.10171	84.96672	78.53476	78.57092	70.63158	86.65167	79.74735	52.77021	90.78809	65.54211	79.89836	109.5173	88.05483	65.17572	73.94676	52.56971	62.67301	177.6145	92.31619	110.5384	154.6176	143.4291	156.8624
CUST_15321_PI429010886	N34396	0.01398		15	9					14.10671	28.38786	25.4312	5.920956	12.00862	13.3861	14.32917	18.56579	19.50301	27.60111	14.17989	31.53429	18.32343	26.43248	26.06265	23.29568	16.77475	20.74695	18.91018	15.91395	18.01173	30.27835	14.58718	25.98413	24.37698	19.74282	27.23134
CUST_17764_PI429010886	N38551	0.01398		24	12	325303532 TPA_inf: hypothetical secreted protein 1935 [Ambly			1.22E-12	22.94293	20.35771	18.44972	17.63322	20.08306	6.080738	18.08051	12.29647	20.11281	22.72881	15.14331	19.3376	27.43309	25.69293	29.48277	22.95471	24.8962	19.58231	16.00542	13.25777	21.07965	23.94925	18.98392	26.62182	26.39223	12.75753	14.62779
CUST_36828_PI429010886	M16972	0.03992		24	18					22.97432	26.95285	19.57848	33.07929	20.19663	36.46662	19.67133	12.22639	27.70733	24.42522	18.07527	23.5585	31.2636	14.97	46.43129	35.15108	18.53102	41.96451	50.78563	40.13905	54.74747	25.55311	30.9788	39.87971	23.5068	72.44795	22.4606
CUST_35668_PI429010886	M13197	0.03998		18	15	291242803 PREDICTED: dehydrogenase/reductase (SDR family)	Metabolic process	Other	3.5E-45	82.76433	84.722	55.9701	47.63195	56.69148	55.07968	56.31266	85.04454	70.42582	95.42654	73.35296	81.51675	79.30391	77.2245	78.92088	97.73561	65.03693	95.96344	74.27647	103.3023	73.09177	95.98918	53.56751	59.75541	61.32192	79.27531	69.00002	
CUST_7766_PI429010886	N22043	0.04002		24	12					13.4001	6.954585	NA	7.190888	4.542348	NA	5.099536	4.263728	7.11441	13.5705	9.679037	9.77251	13.86613	NA	NA	11.31226	7.895988	12.69552	19.3658	8.323544	9.180913	13.72174	14.79848	NA	8.982813	3.701795	6.836925	
CUST_3799_PI429010886	N15294	0.04009		15	9					46.25026	134.282	155.6229	6.9339	13.81863	NA	33.04717	139.545	287.3115	194.3859	229.245	333.5908	107.9692	432.5053	214.3213	211.5909	30.98764	63.91986	210.9062	210.3141	186.4588	254.2335	144.6868	43.5437	659.1977	235.4879	534.5603	
CUST_9980_PI429010886	N25505	0.04022		24	0	395856453 PREDICTED: E3 ubiquitin-protein ligase RNF123 [Otc			5.12E-21	127.9641	144.5473	162.9465	144.9176	122.7034	95.61724	106.1639	108.5374	101.3914	167.9263	126.7933	116.1174	76.01313	93.19487	75.65779	120.0446	104.7461	87.45287	131.4476	167.3634	133.5378	139.359	104.6528	120.9334	185.2303	101.9095	130.5635	
CUST_52043_PI429010886	M96183	0.04025		21	0					18.09414	7.147189	11.60175	9.854344	6.397942	NA	8.279758	5.744005	9.692914	14.07538	4.282546	4.453369	NA	5.089752	3.911057	9.833527	1.536967	10.27034	5.950777	3.672976	14.39574	NA	22.64182	8.949545	10.44304	11.18429	9.771392	
CUST_19282_PI429010886	N41306	0.04030		24	12					83.26471	89.96525	79.27531	72.81129	32.26938	50.34321	46.73511	67.46884	30.73873	67.42469	59.0152	46.1807	69.56167	66.32627	63.6369	76.55655	51.4	73.82839	65.93142	67.60441	59.2457	67.98118	52.63886	48.77592	73.803	49.9806	81.30299	
CUST_14511_PI429010886	N33000	0.04066		24	21					107.6007	75.58303	103.1666	116.3563	75.44459	137.0338	73.67904	91.59828	70.3766	98.21029	103.202	129.896	87.42512	120.1692	111.637	105.4997	115.4344	112.8118	104.1782	100.5206	120.5952	119.3927	125.4203	130.0689	122.5827	81.51675	107.8556	
CUST_10470_PI429010886	N26286	0.04073		15	12					8.377586	6.474974	10.037	3.878647	4.476331	NA	9.754482	4.621301	4.72981	8.345317	6.075781	14.73565	6.770324	6.763654	15.93149	10.17638	4.756376	8.876178	5.505595	4.969785	5.824752	6.806239	6.264624	8.381146	11.8751	8.617079	5.922622	
CUST_10586_PI429010886	N26471	0.04087		15	9					11.36205	13.22835	3.591603	11.19977	21.18978	9.664283	13.76394	36.387	24.74137	8.931253	26.8214	36.58254	16.50225	17.31011	4.51755	4.179974	14.07874	13.06014	3.700971	17.00755	26.70117	4.280152	23.74339	44.67201	17.19336	30.59095	45.62788	
CUST_55247_PI429010886	M109282	0.04098		24	0					1395.016	1769.215	1870.503	1606.044	1419.795	1410.296	1144.142	1227.15	1408.714	1531.812	1315.839	2466.842	1245.02	1914.117	1468.172	1215.238	1152.374	1201.959	1248.908	1417.942	1585.767	1764.536	1371.349	1248.908	1622.403	1604.147	2075.258	
CUST_42128_PI429010886	M59486	0.04103		24	18	242003110 zinc finger protein DHHC domain containing protein	Metabolic process	Oxidation-reduction process	2.44E-26	61.2655	50.98504	40.88839	38.36859	47.64282	36.8676	40.90354	30.3942	48.03245	50.89404	54.58379	48.84271	44.91724	59.06419	52.88574	70.90857	36.40199	49.12303	54.91034	71.33949	57.96698	58.22303	54.95061	34.81682	69.94604	45.12848	51.13109	
CUST_41586_PI429010886	M58092	0.04159		24	3					28.94785	48.50046	7.581211	34.36064	51.01709	61.50815	31.46479	12.51969	16.3681	10.29246	38.45312	8.360428	8.110471	3.68409	13.49626	12.79367	25.62877	11.64631	37.07575	12.70194	27.61589	6.131047	29.33547	23.13968	38.06259	19.3376	11.62851	
CUST_46682_PI429010886	M73403	0.04165		24	12					94.00857	67.32952	80.08977	64.2224	66.6859	77.94557	71.74926	62.94032	78.16064	85.32395	59.60108	61.2655	61.86332	100.4818	85.80553	99.94463	80.5678	86.27625	64.19796	85.96929	67.26789	95.25273	101.1468	95.08289	97.98092	66.15125	81.5369	
CUST_7484_PI429010886	N21613	0.04165		24	15	157106769 ankyrin 2,3/unc44 [Aedes aegypti] >gi|108868779|		1.98E-29	16.88691	16.37668	7.349454	11.81981	14.10863	8.08569	35.51342	21.26849	21.46189	21.94448	26.8901	8.225765	22.09437	24.71578	23.31281	27.52267	31.35806	28.40282	28.9598	14.25774	16.64794	22.37068	17.70313	12.99442	29.94174	12.98486	40.30994	
CUST_43421_PI429010886	M63002	0.04167		24	12					31.36464	79.21035	63.51136	69.61278	41.73826	89.84183	53.51858	54.98545	61.40781	76.18529	75.10177	126.2993	89.6226	85.95	130.1677	75.05721	56.65296	69.09575	41.91362	66.73255	58.96311	61.74634	52.8747	65.87593	84.87934	57.49062	67.98998	
CUST_11519_PI429010886	N37857	0.04171		24	21					43.94989	132.7287	175.2864	153.349	129.7547	118.0161	84.57016	171.1165	171.1195	127.0219	138.2766	157.9764	156.7058	171.0777	197.9029	137.9867	142.5067	140.8382	148.8885	144.6256	154.8485	132.033	156.6618	156.0758	144.5064	151.3073		
CUST_11634_PI429010886	N28156	0.04178		21	18	241726004 mrg-binding protein, putative [Ixodes scapularis] >g	Nucleic acid metabolism	Regulation of gene expression	1.92E-22	68.95801	72.32108	53.53068	56.95101	77.56897	52.66699	34.87758	39.41947	46.61273	81.13979	50.39093	75.43644	52.78112	70.80885	62.85713	72.9942	40.43694	71.52967	58.15467	83.27348	75.52934	57.9197	55.63288	53.83853	56.51605	52.46763	64.96286	
CUST_1140_PI429010886	N8622	0.04187		15	12					94.38745	58.73387	62.16793	14.23571	32.2878	20.72901	99.01075	44.33537	103.1763	93.28305	47.72724	92.10717	69.46349	129.8789	87.36382	40.74077	65.81652	33.08345	55.49391	52.801	50.65756	54.32801	104.964	10.25079	127.6888	61.16623	79.21035	
CUST_36059_PI429010886	M14489	0.04187		24	21	504155460 PREDICTED: EP300-interacting inhibitor of different	Response to stress	DNA repair	1.01E-14	3.685407	6.964774	6.849092	NA	4.463887	6.668324	4.75422	3.410585	5.79109	NA	7.281858	8.189309	NA	NA	3.437117	14.80809	6.674655	NA	8.681407	11.13787	6.178456	37.0569	6.999938	24.05186	14.91902	9.286054	3.444707	
CUST_54026_PI429010886	M104151	0.04189		15	3	321458008 hypothetical protein DAPPUDRAFT_301164 [Daphni	Transport	Transmembrane transport	1.34E-46	48.16109	42.59897	57.38433	40.99424	30.36684	81.00454	56.10477	31.32056	45.3248	36.46662	50.08673	36.85229	21.64916	22.94537	21.71424	24.07489	50.20569	86.97645	46.45766	72.32108	61.70387	31.09152	44.62585	37.5119	42.05465	19.01531	28.3053	
CUST_1025_PI429010886	N8259	0.04213		24	3					657.4366	19.82899	73.73041	1446.944	1094.71	2665.55	2203.176	922.8399	2162.684	10.72726	977.7803	119.7645	12.84456	27.00493	10.01115	37.2354	424.7309	499.859	874.1627	5.194327	7.867078	NA	194.9182	630.1031	6.31804	3118.308	31.69618	
CUST_16733_PI429010886	N36772	0.04231		24	18					108.2633	274.2312	187.0803	83.48026	99.93216	45.87335	4.8159	13.92172	60.25585	183.021	190.3637	186.3956	74.84295	120.4628	76.90742	347.1114	5.085315	246.9496	146.3399	315.3784	158.1305	256.4303	141.6025	54.27461	214.7985	115.202	122.4191	
CUST_37118_PI429010886	M17907	0.04245		24	0					16.19147	24.2001	15.84192	8.219245	16.35182	15.80056	16.07034	17.46532	25.78835	12.22036	13.4823	7.37785	6.832319	3.724963	14.60042	14.66496	14.24976	23.02215	17.29657	18.07887	16.69384	14.74259	12.56396	11.96331	25.10875	17.9732	18.31723	
CUST_42258_PI429010886	M59819	0.04253		24	15					27.53501	22.32739	15.98734	26.38969	48.40257	17.21816	40.53866	17.89422	38.02052	31.01397	30.13914	27.52766	24.41741	16.38475	27.17268	32.3231	25.33623	19.40925	15.1021	25.93097	29.14178	25.6517	23.4957	22.11953	30.3731	26.12528	33.24682	
CUST_1512_PI429010886	N9885	0.04256		21	29					5.717554	4.994508	NA	NA	15.83087	11.76447	4.11313	30.68719	16.06041	NA	32.23691	33.40939	20.28844	6.374853	17.76635	9.477835	12.50951	6.215347	4.126369	37.81058	10.15983	NA	NA	6.347106	5.130814	10.79019	8.622966	
CUST_56246_PI429010886	M113258	0.04264		21	12					764.0731	428.865	584.1415	235.6934	899.2493	584.5557	788.0347	559.1604	632.0615	1140.062	504.2482	628.8832	980.1159	747.2269	797.7975	633.9622	732.077	1057.689	698.0293	718.6829	590.4824	666.1474	346.6366	260.0898	244.904	560.5893	619.5429	
CUST_49538_PI429010886	M86024	0.04279		24	18					89.24114	114.2341	101.6113	80.63305	87.60236	76.924	81.42898	79.07032	69.9232	95.76592	94.02768	106.6154	80.49518	100.4233	125.0127	105.2191	99.74324	83.51601	94.36809	122.7816	104.8657	114.6944	103.6146	97.40947	117.847	102.2413	161.6447	
CUST_6126_PI429010886	N19661	0.04298		18	12	118405102 notchless homolog 1 [Xenopus (Silurana) tropicalis]	Developmental process	Embryo development	1.1E-178	149.5758	197.2996	190.0964	115.2365	133.0452	93.46673	116.9387	137.2699	183.3264	187.5869	140.8068	206.8026	177.9616	204.3252	172.831	210.4575	116.9761	170.7891	143.2327	214.7684	137.9867	179.678	130.0885	107.1033	181.2186	154.9129	182.8109	
CUST_31989_PI429010886	M2931	0.04305		18	15	117959988 clottable protein [Marsupenaeus japonicus]	Transport	Lipid transport	7.44E-30	33.24682	29.61255	28.11091	29.10818	38.04057	39.41947	29.99513	25.33083	22.19942	29.29818	46.00478	47.16106	32.82642	35.53394	28.35096	38.42916	68.56896	56.80732	30.68719	171.5147	28.71325	19.16725	34.06729	15.32313	30.89255	25.58851	13.90384	
CUST_44887_PI429010886	M67322	0.04328		24	0					58.51806	61.65538	60.93069	40.1071	30.77807	43.7253	37.33468	30.29627	42.13297	25.31882	31.8356	36.87579	28.83204	34.34807	44.41825	42.29841	26.38163	26.57549	43.90259	20.53839	60.66262	29.57425	48.23121	38.34742	41.83506	38.18132	42.65591	
CUST_19210_PI429010886	N41175	0.04343		21	0					71.38963	54.73744	72.73041	37.77438	58.15467	48.00964	55.10664	42.04002	30.60166	56.17296	56.40861	47.27714	30.06738	50.84587	39.1027	62.0828	64.88975	71.4429	56.56684	55.28288	67.13373	78.18464	51.45306	65.6728	64.05654	34.96354	32.26938	
CUST_36339_PI429010886	M15646	0.04436		12	3					1487.266	895.8021	1363.213	1369.558	1874.82	2900.662	1238.697	706.4958	1322.8222	488.7111	485.4409	144.3143	1829.647	692.7803	1336.322	1098.749	1486.604	1786.373	810.6402	512.0216	743.1041	308.528	930.8848	1558.572	622.9374	2203.176	414.4964	
CUST_25558_PI429010886	N52643	0.04408		21	12					16.66456	33.99233	17.89329	20.63001	6.099554	9.135099	23.51171	33.5432	11.07141	8.613049	24.12233	22.72441	38.20449	28.97523	33.35026	43.60346	NA	20.97996	8.182672	17.93568	12.35967	20.98763	18.02234	15.39724	5.003893	NA	11.22153	
CUST_26448_PI429010886	N54261	0.04420		24	12					15.58919	13.42329	13.50907	6.974362	11.12902	NA	11.66655	4.717037	10.27148	3.599801	4.955498	8.974986	NA	21.69169	9.375364	10.91255	9.504182	14.22769	11.75359	17.66366	19.55959	12.61009	13.38567	7.229169	6.574274		
CUST_43719_PI429010886	M63788	0.04418		24	15					11.9801	15.48667	17.38288	7.578825	12.49757	12.41645	4.739251	15.13956	9.312357	13.64945	7.521524	15.60949	13.61539	20.6453	23.1605	22.67085	17.7649	20.11768	48.89187	14.01909	13.80666	19.44494	18.18793	12.27788	19.54896	19.81675	16.99042	
CUST_33859_PI429010886	M8063	0.04418		21	12	29362632 hemocyanin HC2 [Limnoria quadripunctata]				NA	112.5301	42.41265	373.6035	219.0917	38.79996	136.9448	1320.152	275.7295	160.8644	1174.994	1426.735	3046.724	60.68591	2012.591	NA	544.3999	NA	47.56097	22140.21	373.2026	NA	27.08074	30.48036	NA	678.2021	883.6545	
CUST_32019_PI429010886	M3013	0.04443		15	9					1574.342	1872.445	1674.38	1120.861	1296.822	1050.102	1302.095	1300.946	1354.066	1817.335	1355.174	1821.885	1382.151	1752.574	1770.146	2095.03	1419.195	1314.491	1434.403	1582.373	1268.692	1892.721	1645.771	1243.416	2096.527	1520.67	1878.86	
CUST_6843_PI429010886	N20671	0.04444		15	9					206.4448	288.2204	303.854	227.7485	267.7292	345.4444	298.8597	247.2314	347.9148	379.8142	321.753	349.6083	275.3091	379.3496	268.3811	248.1506	284.093	300.9186	294.1484	265.6599	345.1018	99.74324	330.2472	309.3892	417.9411	401.4797	375.3397	
CUST_7274_PI429010886	N21303	0.04444		24	21					29.49638	37.82706	24.71814	21.14577	28.06937	38.121	35.24075	23.37682	22.44547	23.63583	28.26309	26.35743	30.43732	21.40881	28.44656	28.24369	37.27794	31.04579	28.45711	38.77656	32.80137	37.25844	43.0609	40.23396	17.95297	30.08229	19.31282	
CUST_50759_PI429010886	M90912	0.04443		15	9					5.367511	16.8666	35.78629	NA	NA	NA	NA	19.56129	44.22939	18.07527	49.49452	65.36011	24.32573	65.86348	44.42567	20.39383	NA	11.44313	13.34528	46.44351	14.46019	69.90395	37.88493	NA	94.71285	43.50773	79.72112	
CUST_23513_PI429010886	N48957	0.04452		21	3	356541209 PREDICTED: uncharacterized protein LOC100790050			4.44E-07	691.1905	1376.551	854.951	2042.507	997.0196	1151.226	717.1047	672.5182	756.3176	852.3106	482.287	795.7542	596.3171	836.1144	573.39	799.5941	430.7898	711.6467	500.086	683.5585	1085.118	890.6855	1059.331	694.9126	1079.829	1268.692	618.8739	
CUST_6443_PI429010886	N20106	0.04453		21	15	260803443 hypothetical protein BRAFLDRAFT_219212 [Branchi			9.28E-30	67.17456	115.9278	66.6273	58.56187	64.09512	40.75734	29.87357	48.52803	50.59331	69.53162	52.24698	75.80495	65.86348	76.70634	64.21464	104.2212	65.64906	78.89557	60.65096	60.80176	69.45519	107.9121	64.07157	54.75352	78.84971	48.66621	68.90417	
CUST_12074_PI429010886	N31196	0.04455		24	21	332376270 unknown [Dendroctonus ponderosae]			9.19E-45	29.2558	22.42598	25.39002	15.32584	17.58482	27.60309	23.57735	25.17616	23.70291	41.10188	31.43005	30.95577	27.70733	28.42343	24.40282	35.49419	30.67144	23.61855	23.7471	44.83244	30.16237	36.89291	30.11252	30.12537	31.2111	19.6564		
CUST_5436_PI429010886	M105618	0.04517		24	12					88.57155	49.05418	76.28297	71.38156	74.86726	121.5266	62.64364	100.7779	46.05816	33.93351	68.98284	34.2288	93.49845	47.40164	45.2026	47.67267	219.5427	125.3551	207.7427	59.65312	108.4668	64.15379	208.5959	164.9098	49.8518	46.86688	43.47746	
CUST_40523_PI429010886	M55361	0.04474		18	12	270013391 hypothetical protein TcasGA2_TC071986 [Tribolium	Cellular Process	Cell proliferation	1.81E-93	19.05109	15.67634	26.56221	16.5578	14.2983	19.59849	29.11372	29.21058	21.01736	21.25435	24.32948	9.873369	25.32554	35.09563	26.21415	17.39698	30.27835	15.86747	37.83427	15.79894	18.01669	8.796716	18.59345	12.83026	20.52725	19.25276	20.53338	
CUST_36690_PI429010886	M17473	0.04479		15	0					20.4859	26.13131	20.23721	22.82685	10.8172	31.15277	13.29711	11.79794	7.138401	NA	11.24847	25.68743	16.82979	19.29593	11.55948	24.23967	7.663615	16.20429	11.95482	16.8955	19.6916	11.13485	9.999252	9.712939	14.35419	14.1198	15.47412	
CUST_4479_PI429010886	N16859	0.04479		15	9	332372624 unknown [Dendroctonus ponderosae]	Cellular component organization	Chromosome organization	1.17E-39	22.91473	16.57948	12.11676	10.17638	11.26822	13.072	6.398941	13.58403	18.3383	22.88601	18.28609	21.9738	8.789967	12.11941	13.7932	21.09759	NA	15.61967	10.08948	12.24024	15.7734	15.13318	18.16713	14.95825	22.42169	18.24734	16.63365	
CUST_19856_PI429010886	N42326	0.04504		24	9	149409130 PREDICTED: COP9 signalosome complex subunit 3 [	Developmental process	Embryo development	5.39E-45	11.22575	6.522752	NA	9.748744	7.488246	NA	9.413901	NA	10.87507	21.45934	9.858236	12.64557	9.441058	10.86536	9.049354	12.04909	3.961673	7.490316	10.23894	4.495511	7.753636	6.143836	NA	NA	5.049338	5.888357	5.710989	
CUST_36812_PI429010886	M16930	0.04506		15	0					154.2483	112.3805	140.6429	101.8776	50.47205	72.53579	63.83994	86.2674	124.3005	142.6158	84.06167	144.77	104.6828	76.2979	103.1477	88.22213	93.62063	101.3168	36.4485	62.54347	83.49596	66.88544	93.19487	59.22654	105.5208	95.94174	144.2346	
CUST_34135_PI429010886	M8857	0.04511		24	21					12.76373	25.00056	9.995172	38.00715	14.51836	9.809268	14.85609	21.33093	30.3942	14.53785	9.717046	14.48109	19.24305	9.99769	16.53332	29.50933	15.06396	20.66296	33.56428	20.68548	18.93949	25.04089	36.72937	31.12392	18.48046	33.84232	41.16431	
CUST_25675_PI429010886	N52859	0.04511		24	18					34.42302	28.77383	48.97519	38.46752	44.83381	42.20313	44.15212	35.81064	30.15647	42.59502	43.97029	54.86684	38.35721	68.80103	64.64151	42.11724	30.44767	56.7825	65.41017	50.39093	71.30124	82.23746	59.06419	56.74499	40.11789	45.00065	50.89404	
CUST_35255_PI429010886	M96995	0.04525		24	0					40.8206	40.84477	44.69027	16.75511	82.73488	113.3684	89.93758	62.35904	128.0377	52.51409	113.8875	27.0144	28.56923	52.42361	62.17467	114.6191	40.33451	90.54182	37.85969	43.08167	54.77344	62.17467	114.5312	103.8564	64.06262	71.31512	103.6564	
CUST_5861_PI429010886	N19306	0.04525		12	3	405976099 Annexin A7 [Crassostrea gigas]			5.03E-73	589.9381	577.0235	353.962	545.9123	608.8662	692.5393	498.7637	424.2638	365.7398	358.7125	285.5481	338.5409	463.9991	525.2083	504.3528	615.7661	328.5456	544.5308	477.6391	392.3971	400.7798	438.5463	264.5866	569.7753	432.8549	407.1309	459.0733	
CUST_3578_PI429010886	N14809	0.04531		21	9	241999376 ubiquitin protein ligase [Ixodes scapularis] >gi|2154	Cellular Process	Cell cycle	6.57E-33	82.74334	138.4086	101.6485	141.3981	144.7965	111.7362	97.58263	257.237	218.9512	145.3839	272.638	335.1161	170.3963	153.5334	134.0744	91.21234	145.3456	116.2781	149.0167	455.8444	157.8167	123.5719	114.1483	113.4502	83.54736	205.9317	187.9283	
CUST_36042_PI429010886	M14411	0.04546		18	3					21.97852	18.78752	NA	22.58566	37.41548	39.78497	25.78835	12.14661	20.9065	7.31283	11.49926	NA	6.292935	15.228	17.4145	25.9871	34.6609	33.9856	40.42785	6.398941	20.45436	46.9109	12.028	41.97456	11.62339	21.55311	6.695841	
CUST_43311_PI429010886	M62710	0.04577		24	3					27.86411	18.27526	11.55545	43.55575	28.51242	26.77939	43.49365	22.7209	37.06882	21.40881	26.24303	NA	19.1562	6.042681	16.63804	30.48948	11.48646	25.68978	10.90408	5.795968	13.75707	41.16894	19.55335	19.38567	27.66265	6.639862	6.530509	
CUST_18509_PI429010886	N39923	0.04577		24	0					51.40578	45.61505	60.36203	57.82155	39.90543	48.65088	39.49607	55.85751	51.84431	40.85343	32.08763	29.40344	28.51585	51.04482	49.29932	40.25661	36.22069	48.66243	47.10091	26.63815	38.64078	48.17521	54.89215	41.49369	54.19041	60.71325	50.20045	
CUST_31474_PI429010886	M1616	0.04578		12	3					156.0552	33.01533	10.59802	197.2642	151.6234	332.964	136.6377	193.0385	64.56992	4.821627	54.41833	6.337987	114.3208	12.47694	54.93259	20.70543	218.6003	163.6892	129.1538	3.58777	82.82132	31.82653	18.39223	149.2083	11.61773	143.1353	NA	
CUST_1485_PI429010886	N9777	0.04598		24	6	501293550 non-specific lipid-transfer protein-like [Riptortus pe	Metabolic process	Other		11.89545	12.17117	14.21644	25.03208	25.58535	10.67575	13.38957	66.65717	48.40257	11.60175	39.21347	32.8525	34.63137	NA	22.87112	15.48139	32.54901	9.3513	12.33182	74.4613	25.71503	9.04617	8.695689	NA	14.06235	10.52648	15.44211	
CUST_5375_PI429010886	M102320	0.04602		12	6					25.70952	16.56922	8.272098	24.95635	15.97964	18.11108	24.53942	21.72859	19.50736	27.9397	14.18297	25.32554	15.56031	15.46627	7.786537	24.28324	24.0648

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_1064_PI429010886	N8384	0.05035	15	9						33.82224	77.82271	64.8815	55.93124	68.01317	83.7299	83.99654	61.5685	114.2228	80.01037	83.83973	149.3268	48.18087	95.50344	57.72307	35.41295	56.0662	104.3119	40.98319	55.03461	70.72361	62.62665	92.18368	103.6255	102.5545	83.02241	139.9854
CUST_38084_PI429010886	M23266	0.05036	21	6						456.9093	470.7834	242.302	500.3626	338.5801	509.7336	587.2428	468.7286	508.5068	256.1926	149.974	267.5678	102.7622	142.3547	167.4717	183.1759	398.5298	402.6962	425.0392	69.72451	260.7005	122.4782	184.0938	434.7605	87.01627	728.0084	228.274
CUST_34606_PI429010886	M10133	0.05040	21	12						332.4166	457.234	353.8817	247.8273	346.5286	246.2258	298.7078	281.5398	303.2078	363.7161	333.6383	392.3971	359.0068	304.437	275.0389	280.3633	260.4155	233.5227	302.4916	415.3047	311.8189	450.2218	354.3972	246.1531	465.4504	365.9997	403.1472
CUST_15455_PI429010886	N34608	0.05051	12	0						72.52738	60.3963	70.14592	47.91134	54.73192	53.78964	85.77122	42.47169	60.5059	57.80685	52.74988	59.06419	55.29787	104.2347	62.29412	51.61587	62.48649	41.59029	43.66792	64.04369	59.45067	62.11683	61.91569	61.14077	57.37114	73.94862	67.52947
CUST_22418_PI429010886	N46992	0.05058	24	3	405960827	Anoctamin-8 [Crassostrea gigas]			9.33E-24	56.73383	39.71396	35.02024	61.12874	35.57579	52.97579	48.77148	40.69465	38.59967	44.82294	33.36548	36.06105	33.46666	28.34801	30.0571	38.41931	35.79389	37.08279	30.02625	24.29748	31.6312	32.09117	61.72981	50.9653	36.7523	80.51303	30.60166
CUST_57012_PI429010886	M115117	0.05059	24	18						260.0114	343.7569	321.9594	247.587	232.0593	230.9236	205.5955	234.6626	230.0814	352.4518	228.9161	417.9411	306.3807	311.8189	398.6724	551.8489	202.4996	352.4518	278.1576	446.4087	379.0729	434.4861	306.6185	221.0323	268.82	270.1737	299.502
CUST_4173_PI429010886	N16163	0.05099	18	9	354990989	anti-lipopolysaccharide factor isoform 6 [Penaeus m			5.61E-26	1560.88	1614.376	559.0577	593.1266	702.0078	607.7896	1960.986	585.6944	2580.486	2908.57	1004.727	4165.771	2945.87	2054.295	1692.652	2012.591	943.689	991.3315	3345.256	346.9119	1650.747	697.8167	1178.063	831.0172	1787.33	660.0703	3269.374
CUST_4437_PI429010886	N16755	0.05099	18	3						496.6049	113.475	335.1161	440.428	299.1597	674.0173	457.6266	229.2068	139.8837	38.77563	223.7779	92.07382	128.7232	104.0454	157.7275	97.01852	330.8112	245.4514	381.1947	72.08475	442.6624	172.5751	423.767	450.4975	72.21046	309.7678	64.50807
CUST_19719_PI429010886	N42065	0.05099	18	15	321458591	hypothetical protein DAPPUDRAFT_61988 [Daphnia	Metabolic process	Nucleobase-containing compound metabolic process	3.36E-07	187.1216	208.7066	140.0797	96.40299	197.0393	179.2012	169.1571	136.8231	148.0082	210.0878	156.7272	130.6959	187.1216	139.8628	147.6124	256.1926	189.6264	190.0374	201.7725	206.469	134.162	166.2545	150.4806	166.1459	144.2346	137.33	89.30785
CUST_21247_PI429010886	N44885	0.05099	18	9	170285555	putative tetratricopeptide repeat domain 11 protei			1.31E-30	119.0689	172.8115	233.6523	156.5024	148.3869	150.914	166.1459	176.5188	195.5222	216.65	193.4709	236.856	157.9551	240.8224	200.041	205.6287	129.9123	175.1291	186.3956	161.4564	169.3616	193.0913	164.7626	151.1785	230.2846	151.4536	191.6952
CUST_7922_PI429010886	N22278	0.05109	21	15						116.8442	120.4829	118.4299	142.124	145.2206	125.3551	74.29802	99.8601	98.6386	112.6431	101.7048	117.6882	100.1858	157.4606	156.5024	135.6184	132.8611	166.8192	90.22371	147.9354	125.8034	189.1715	127.112	124.447	117.2337	105.3086	99.79034
CUST_8684_PI429010886	N23413	0.05126	18	0	347968037	AGAP002539-PB [Anopheles gambiae str. PEST] >gi|		4.07E-35	137.8443	190.6989	167.3841	151.9866	151.6013	165.9977	105.798	142.2748	171.5473	200.8936	148.1205	171.1195	148.886	193.4196	192.1973	182.8109	158.9341	162.5891	138.2766	147.2999	133.5211	157.7661	151.1369	134.8627	200.6692	168.7503	187.6525
CUST_19155_PI429010886	N41068	0.05125	12	0						13.57199	13.42609	12.46111	8.887892	7.841585	NA		4.093048	5.51835	NA		6.715766	8.509556	8.442875	7.39029	14.16669	11.50377	18.33589	4.73084	9.273731	8.304372	8.466065	NA		8.943967	NA		7.52281	21.79918	NA	
CUST_32383_PI429010886	M3980	0.05142	15	12						414.3494	662.2599	571.9057	340.1906	505.2828	469.6397	358.4083	395.2528	430.3425	528.1283	462.4656	661.0472	503.8676	586.8079	526.5682	644.1161	554.2309	486.8632	446.0696	340.867	384.3454	479.3073	492.3863	505.6922	507.4019	359.7386	526.3482
CUST_47242_PI429010886	M75323	0.05142	15	12	321469983	hypothetical protein DAPPUDRAFT_303785 [Daphni	Protein metabolism	Proteolysis	5.75E-61	301.9881	253.0671	193.0075	172.213	209.4212	168.2678	323.3503	254.8048	378.1407	444.5828	146.939	314.3091	392.0026	323.4046	256.1116	269.8655	171.0028	167.0167	138.9365	189.1194	164.9098	272.1441	252.3543	274.404	220.9066	205.2221	272.6795
CUST_49687_PI429010886	M86705	0.05147	15	12						214.7684	279.1889	233.1687	224.0471	199.344	262.6197	223.5686	234.823	200.4301	293.1271	251.745	387.5117	262.3746	265.9437	328.3818	294.8062	226.6353	276.0613	233.2127	186.1103	229.7558	243.0281	290.5429	182.494	281.2019	245.8985	277.8925
CUST_34247_PI429010886	M9159	0.05147	21	15						82.90947	60.3241	99.87407	38.87013	46.62471	39.74876	36.79834	71.00916	44.49519	49.54106	44.73069	58.77193	48.28635	81.96733	57.12722	82.06443	53.3996	64.56424	43.45323	83.08523	44.87166	65.64906	73.20424	80.57644	50.37741	31.07874	39.55173
CUST_25172_PI429010886	N51910	0.05148	21	12	156552305	PREDICTED: condensin complex subunit 3-like [Nasc			1.64E-09	110.7482	131.3569	102.0005	97.31477	87.99607	114.6578	63.46235	83.12577	83.21112	102.9324	90.97139	139.8446	111.6628	122.7974	117.7722	139.8337	88.66033	135.5951	120.7015	109.0596	103.5678	112.4033	115.2692	88.38108	106.6808	91.01032	164.8298
CUST_44834_PI429010886	M67144	0.05159	21	0						20.33623	6.092564	18.11108	9.048255	8.069484	14.79157	13.3566	9.44636	8.588693	5.268714	5.29544	NA	8.778682	NA	7.378942	8.540006	16.96557	10.36906	10.9756	10.4013	8.844968	15.64945	14.10338	13.25918	11.94414	8.967045	9.257427
CUST_56527_PI429010886	M114015	0.05516	24	18						79.38753	99.77775	120.6382	88.41726	86.00719	78.05922	67.80419	82.15481	79.61927	114.5445	94.17604	164.2756	90.60771	113.3918	74.67944	107.4857	80.92356	89.25924	125.6844	119.1476	100.3042	116.531	122.8182	102.205	99.93216	96.77635	126.5253
CUST_46948_PI429010886	M74272	0.05521	12	15	380743551	plasma membrane calcium ATPase [Callinectes sapi	Transport	Ion transport	4.8E-25	13.87348	9.510155	12.4672	5.95738	9.148382	10.53669	5.285615	6.611992	9.132253	7.005798	7.342643	16.23152	9.768636	21.00749	7.388302	15.01997	11.80273	10.83121	14.17556	14.03086	8.801809	9.117443	12.07791	16.04658	14.01595	8.658987	9.002381
CUST_31445_PI429010886	M60480	0.05185	12	9						132.0609	99.60857	168.1071	82.07709	89.13187	82.1182	121.3307	101.281	91.6409	136.6618	131.6883	104.8753	85.13188	119.2945	90.90134	78.05206	115.8883	86.92241	103.5027	105.7165	119.5328	107.1382	93.6164	86.61026	86.54824	102.5774
CUST_48237_PI429010886	M79471	0.05185	12	3	325974185	Botryotinia fuckeliana isolate T4 SuperContig_34_1	Cellular component organization	Cytoskeleton organization	4.73E-51	9287.843	9647.722	5229.119	12485.87	9096.106	10899.12	7737.591	4920.271	7974.043	5326.176	5868.528	7373.59	7678.532	7282.171	8904.357	12422.81	6536.631	10899.12	7450.764	6894.743	6879.978	6490.163	5319.238	8421.341	6217.899	10964.51	6932.514
CUST_42763_PI429010886	M61184	0.05191	15	0						55.14628	42.22821	56.0662	32.25357	35.9416	54.73192	28.2771	28.8964	33.08345	45.58985	42.53014	48.53823	22.97663	31.99053	39.68514	52.44678	52.83011	54.00554	40.40681	39.68514	49.89799	39.7396	42.93894	29.46206	50.69191	55.37764	48.00964
CUST_42908_PI429010886	M61569	0.05191	15	0						786.706	236.7681	302.2127	98.21029	651.9918	214.4744	110.7189	142.8582	129.9706	452.9164	117.3642	86.67899	152.8609	201.3287	186.6438	344.6094	345.4444	446.8256	150.4655	229.4529	187.746	159.1135	111.7039	531.1131	181.0004	129.7943	204.2199
CUST_27140_PI429010886	N55515	0.05191	15	9						49.75939	76.44833	38.86489	51.24109	27.29125	45.05092	41.95242	39.18602	52.43379	76.07766	42.06993	49.08702	38.36098	34.90893	40.68573	39.64114	51.89227	54.41833	37.09799	35.34739	31.70016	51.7068	48.3123	53.86098	83.98715	62.43324	95.84863
CUST_52039_PI429010886	M96174	0.05194	21	3	345486208	PREDICTED: neither inactivation nor afterpotential p			6.94E-08	24.83878	12.2288	32.6566	36.41327	27.24397	33.30691	17.3946	19.35495	15.23056	15.79172	23.46287	21.17074	14.09213	23.24949	11.97517	13.94276	20.71004	32.65993	13.42609	14.1684	24.84953	16.48057	9.86011	18.8381	27.68313	43.44981	32.26103
CUST_3390_PI429010886	N14413	0.05201	24	18						167.1839	173.4981	148.3475	203.1953	169.8899	155.2537	110.0483	135.8973	148.6917	226.3675	130.3328	190.3637	161.3901	220.3651	195.0743	206.4448	157.7092	196.359	281.652	212.3302	187.5374	219.9571	160.3693	176.0053	270.3602	178.6287	211.1137
CUST_22673_PI429010886	N47435	0.05201	24	18						36.25859	44.68637	48.44993	46.26909	52.31329	49.05418	33.76678	40.06518	45.77928	58.73387	53.6056	60.21705	53.10839	42.91318	49.98628	67.33602	48.93138	63.3033	52.95745	75.32357	91.29321	63.88437	55.25124	41.41188	71.43104	59.93656	54.26471
CUST_27492_PI429010886	N56161	0.05208	21	18						26.60013	36.37866	46.52715	46.61218	35.30842	36.50381	18.52484	24.17955	25.44437	46.61206	23.20138	39.00381	35.82698	59.21866	36.05134	43.2321	31.40893	39.69364	40.35474	56.52669	45.53007	41.53959	44.22939	27.27496	45.3248	40.35311	29.96106
CUST_53124_PI429010886	M100305	0.05208	24	21						18.04283	24.23014	29.5983	43.27178	24.01772	20.61073	18.98105	11.51639	22.40881	28.62456	21.3486	21.66748	17.82405	21.27912	21.01736	34.14111	12.26048	18.45819	32.45148	21.36429	21.36688	29.74413	33.10045	32.47256	23.17729	29.07776	28.54216
CUST_34403_PI429010886	M9570	0.05208	24	12	465958871	Gamma-butyrobetaine dioxygenase [Chelonia myda	Metabolic process	Oxidation-reduction process	1.06E-30	75.39347	48.3123	79.60953	56.64713	50.00256	66.33339	66.46046	67.80419	111.485	48.22079	84.25035	128.7232	84.1757	94.45361	86.61515	112.7975	43.27178	60.77736	85.61256	75.67767	50.46214	62.87881	39.0489	47.26675	62.45524	44.56843	55.33057
CUST_24968_PI429010886	N51555	0.05208	24	15						84.42877	86.25852	74.0547	66.53186	53.00673	82.33655	63.99533	79.07776	68.4981	110.6336	76.08615	73.34493	38.2551	49.49896	64.34064	146.4472	94.30937	128.1087	91.34253	81.98334	85.00815	84.85912	113.7768	124.0296	130.3093	68.91301	75.82559
CUST_16503_PI429010886	N36346	0.05209	24	15	321473698	hypothetical protein DAPPUDRAFT_194445 [Daphni			2.89E-22	87.2755	109.1768	86.49079	79.88802	85.18737	73.1185	69.86983	86.08273	74.3064	94.26766	93.59991	105.3949	97.47845	99.83489	99.15143	102.3532	100.7517	93.72794	111.2168	92.43125	84.722	104.8392	91.09799	73.93015	117.2072	60.05679	90.49352
CUST_39442_PI429010886	M39542	0.05228	12	0						292.8985	355.6114	357.2284	270.2714	267.619	299.502	263.8365	264.1731	276.6094	403.3076	274.404	389.3563	286.3672	358.225	326.2404	287.1573	220.511	294.277	281.599	294.3403	318.4396	369.2549	350.4435	285.0395	453.3672	340.6846	436.9493
CUST_12272_PI429010886	N29205	0.05228	12	3						197.3524	170.8315	182.2638	327.2675	188.9774	223.0044	249.0021	289.0715	219.6484	239.8387	201.9396	163.9899	234.521	201.1076	169.2006	289.7475	262.9091	222.9038	188.8504	202.262	186.3956	277.8488	140.8613	148.6709	182.2299	112.4311	138.1939
CUST_28400_PI429010886	N57874	0.05223	21	3						6.393088	18.02828	13.57199	20.4413	9.08762	11.51639	9.757187	6.994251	7.012133	10.73106	10.0073	16.73161	5.282757	4.4993	6.854646	7.190888	4.8159	NA		11.05702	14.66789	NA		9.639955	NA		21.60669	19.67774	9.947764
CUST_16746_PI429010886	N36795	0.05237	21	3						6.186749	25.86961	10.53088	16.34119	8.70488	11.81299	9.316937	4.790284	NA		10.99269	NA		6.597762	3.907357	10.06452	NA		6.62024	NA		NA		7.509358	12.89288	6.991817	NA		7.865975	10.80877	28.27339	16.76094	18.50772
CUST_6092_PI429010886	N19676	0.05241	18	0	386376745	prostaglandin E synthase 2 [Penaeus monodon]	Metabolic process	Oxidation-reduction process	6.9E-99	219.3055	319.0748	423.3887	157.8167	208.9685	229.2068	169.5547	210.6402	263.5785	121.2697	185.2303	316.2028	203.7918	256.4811	276.7604	300.0118	237.7359	238.5428	308.528	303.6686	278.9995	321.6396	233.3267	174.5449	208.8382	201.1422	210.4862
CUST_29936_PI429010886	M47037	0.05251	21	12	321455300	hypothetical protein DAPPUDRAFT_64687 [Daphnia			2.52E-55	NA	379.2136	112.1982	729.5711	787.1975	310.1413	587.6341	2189.348	1209.365	310.9824	1963.68	2491.849	1867.343	371.6995	1139.145	NA		628.6222	210.5239	NA		268.1562	210.5239	NA		1165.934	1261.41
CUST_10362_PI429010886	N26120	0.05251	21	18						293.5299	156.4282	378.4398	140.8976	158.1732	114.5044	322.1425	162.0779	164.6012	243.2097	238.1723	176.3364	215.0865	310.7127	158.0759	253.7351	263.9219	179.8447	352.5288	170.5103	212.1657	237.506	297.9644	269.9577	172.5457	100.1974	148.0082
CUST_10673_PI429010886	N26604	0.05257	21	3	488516396	PREDICTED: ectonucleotide pyrophosphatase/phosp			1.17E-21	290.175	777.3766	510.76	973.4615	774.7379	749.7018	555.8637	674.2322	688.7233	561.5311	516.0613	887.8552	538.5366	607.5979	474.2296	423.8598	308.7717	381.8035	280.6713	973.2028	1089.128	408.8064	886.7923	472.651	750.1475	1011.687	554.4782
CUST_47462_PI429010886	M76220	0.05263	24	18						42.13297	21.98819	29.05988	17.70878	3.422033	11.39415	28.23315	9.323293	5.902502	21.78224	9.498899	8.720501	16.51607	38.94819	23.97462	78.70239	14.97861	11.59993	19.5882	126.1032	105.322	49.07171	23.45219	18.63533	25.68589	62.07681	5.302715
CUST_29155_PI429010886	N59303	0.05263	24	15						61.05832	72.21756	81.29483	53.15786	54.7161	72.22304	52.31892	67.42469	55.47209	66.92364	56.15273	77.63254	61.60941	110.8741	84.015	88.53305	75.11707	91.02196	66.03995	96.4587	80.47827	93.51914	72.1095	69.46349	87.97637	91.84392	63.06953
CUST_46323_PI429010886	M72220	0.05265	24	18						186.5931	168.2432	212.8755	197.4721	176.601	179.7342	207.6194	196.8724	223.8084	204.946	223.1811	261.4208	281.0282	255.4386	333.708	367.1896	199.1618	235.838	262.8116	288.8593	231.9868	360.2672	226.6782	215.028	316.2028	306.093	322.9938
CUST_30749_PI429010886	N62553	0.05266	21	6						5.341143	4.358079	9.840112	6.209359	7.15372	9.712939	8.8792	17.85771	12.4831	5.60979	6.404533	NA		18.99317	8.556731	5.328263	8.656419	6.439909	12.15636	5.153026	6.023483	4.559704	NA		5.558018	8.549314	6.230319	8.94842	14.26692	
CUST_43219_PI429010886	M62437	0.05268	18	3						20.09233	8.326131	20.36949	23.0986	25.43424	15.74407	15.67417	5.946298	12.75871	17.91398	10.25912	8.597478	4.913939	10.05217	6.276753	12.6487	21.03086	18.44972	12.31182	8.0157	5.538092	16.27976	20.31618	NA		15.60693	9.669901	19.35261
CUST_2257_PI429010886	N11972	0.05273	24	18	321460374	hypothetical protein DAPPUDRAFT_327214 [Daphni			9.6E-68	34.96354	39.83835	12.34182	33.01349	24.41741	27.46314	19.66187	23.74079	17.72933	30.38651	37.16398	29.32849	24.28972	28.77383	42.51309	55.13629	26.84337	35.68582	46.39268	49.55412	30.3471	34.83322	27.72017	18.57026	32.66922	36.10574	27.68808
CUST_39425_PI429010886	N39190	0.05280	24	21	255653868	crustin 1 [Panulirus japonicus]			1.4E-08	64.3345	123.5431	137.1549	48.66621	38.23666	69.72751	68.33006	84.97963	113.8579	131.6679	126.4569	98.07031	210.2559	178.7372	131.39	173.4981	47.95255	84.50349	103.1496	126.1232	129.4108	90.02768	121.3228	90.7248	94.87741	103.1496	94.87741
CUST_15846_PI429010886	N35237	0.05288	24	15						64.43856	68.64401	78.73486	53.80266	96.36676	43.83106	67.47589	87.80183	55.9701	105.4884	46.11029	64.95763	51.273	53.8203	70.43457	125.8598	102.2773	149.0785	163.4482	69.11088	120.7015	69.9232	89.28732	119.1299	71.87199	60.12977	107.4359
CUST_42883_PI429010886	M61508	0.05289	18	3	28573624	retained, isoform A [Drosophila melanogaster] >gi|:Reproduction		Reproduction	6.28E-53	10.77657	11.0938	7.423086	22.8004	13.44859	41.67274	13.10341	4.72626	19.9835	4.810355	11.64471	6.042681	10.9956	11.27249	4.229484	4.560304	6.600465	16.00542	8.017906	13.22714	13.63459	15.18532	11.49641	NA		9.28711	13.47203	4.959572
CUST_361_PI429010886	N4431	0.05295	18	3						1725.627	510.76	3607.364	2809.847	2287.157	2890.576	3929.651	3534.122	929.2639	538.762	2010.691	49.48526	441.5814	385.0916	384.9318	31.71523	1373.566	52.98961	2102.543	35.63872	1875.725	NA		1988.345	2518.59	39.52248	65.12567	54.25943
CUST_1773_PI429010886	N10666	0.05298	18	15						20.06061	14.49351	20.15261	13.63953	6.130259	15.88403	19.50921	9.439346	8.373525	17.02082	18.98962	20.41758	15.03377	15.99247	20.03192	20.36949	19.51691	16.53843	12.90472	16.94406	19.52762	11.23514	16.31327	8.371508	13.73772	19.26372	10.22197
CUST_55923_PI429010886	M112145	0.05303	12	0						155.4719	129.896	174.3314	108.0008	126.1032	145.6295	78.95924	92.09827	123.1656	115.5186	115.5867	98.45237	108.6177	132.7049	128.6369	193.9691	113.9832	162.2752	97.29292	94.88698	130.6959	162.2159	93.39666	132.5094	239.8387	127.0483	203.6001
CUST_6223_PI429010886	N19798	0.05332	15	0	321477834	hypothetical protein DAPPUDRAFT_311166 [Daphni	Protein metabolism	Proteolysis	6.48E-35	214.2348	147.6693	121.4237	66.89269	146.8141	143.4489	106.9212	161.9364	124.4126	104.7362	135.9242	101.2406	128.1757	146.2229	120.3747	164.572	150.8016	113.1427	132.7741	85.19825	120.2652	99.20203	127.8042	106.5844	82.71912	55.9772	86.04961
CUST_9051_PI429010886	N23990	0.05332	15	9						30.85032	62.69277	57.23868	60.3241	70.56572	73.46154	69.25418	77.1205	113.7768	56.56684	96.28021	155.9986	73.61433	99.90716	72.13281	32.08763	54.5089	85.3343	36.115	114.0935	83.13765	72.3636	117.746	98.32258	76.16727	95.80114	146.8499
CUST_23261_PI429010886	N48529	0.05332	15	9						77.10171	68.44169	124.009	128.6574	128.0141	79.45781	82.69106	105.1367	84.41305	163.7665	142.34	130.9859	115.7071	114.443	125.4203	102.9808	96.75892	89.75292	111.6499	90.92371	117.2885	154.9215	130.2006	120.2042	146.8499	86.7972	126.5542
CUST_5209_PI429010886	N96192	0.05337	15	9						19.88004	17.71272	51.84431	25.17336	27.31387	16.96708	20.86742	41.28967	52.57619	62.89604	32.01858	30.6513	36.88342	64.75216	40.82788	47.44495	25.68011	31.73095	65.52972	37.71812	56.46041	31.3095	65.52972	56.9483	62.28748	32.94683	62.28748
CUST_22451_PI429010886	N47054	0.05336	15	12						21.16443	7.28896	9.488473	6.089115	5.823418	7.675832	22.26601	12.52538	8.12515	6.205172	9.362608	7.555334	26.06598	15.78045	NA		12.09352	6.99794	NA		11.14537	5.977954	6.778155	13.68809	7.183846	9.156873	15.02774	10.51343	13.65696
CUST_15424_PI429010886	N34558	0.05336	15	6						656.7764	96.15886	863.9077	273.4925	192.4131	285.7468	728.0084	1664.492	1758.855	756.9801	242.7679	103.0015	85.51349	85.89616	52.08136	16.08632	284.6976	44.08735	227.8356	703.8812	548.3934	22.05258	1336.322	384.3454	104.164	165.7972	62.73269
CUST_11921_PI429010886	N28631	0.05339	12	3						435.8026	606.1944	328.6838	670.112	373.2026	441.5814	308.9771	341.3294	313.8962	376.8596	313.2862	257.9077	337.3994	382.1801	428.1275	496.875	408.8064	453.7002	358.2812	545.8082	353.5438	331.2853	319.5751	375.3397	359.6577	460.7596	310.9824
CUST_53433_PI429010886	M101684	0.05344	21	9						10.35656	15.28107	NA	12.66068	67.53545	11.7224	22.9227	144.2982	96.75892	13.8928	158.4583	197.2642	80.63305	13.10516	21.03086	NA		68.30614	15.7177	14.30732	254.095	14.71509	6.951132	20.53115	12.35337	18.57528	41.28967	63.50632
CUST_42756_PI429010886	M61169	0.05347	18	6						4.370166	73.93957	9.339132	23.37953	18.40839	17.55722	6.869381	65.17572	93.97578	24.44489	NA		53.1338	13.2544	28.51585	25.10548	33.22847	NA		8.919059	10.92713	NA		4.312161	18.02091	15.13091	10.46038	104.5737	120.1371	30.88587
CUST_35658_PI429010886	M13163	0.05357	24	12	530588606	PREDICTED: vesicle transport protein SFT2A [Chrysc	Transport	Vesicle-mediated transport	4.48E-31	107.638	87.68861	122.2181	88.13649	96.90956	82.85967	92.48444	101.6113	103.8804	111.0963	124.3147	120.2652	91.48208	124.9049	124.5429	115.7777	116.2656	106.023	106.2399	124.6404	114.5149	110.2326	109.7731	97.13391	95.72441	108.6304	117.847
CUST_27093_PI429010886	N55435	0.05367	21	3						6.939821	7.499239	10.67013	11.01084	20.31071	NA		12.00666	6.099554	34.7772	7.563005	6.779829	21.75394	10.09707	6.578887	4.884781	3.6657	10.07591	9.255767	NA		10.50509	6.794828	14.10338	NA		10.07029	17.72667	13.04417	NA	
CUST_56511_PI429010886	M113967	0.05374	24	18						1404.631	1293.664	1541.439	1581.923	1076.944	1097.654	945.8187	909.1015	1050.102	1140.374	1087.417	2081.941	2873.023	851.4085	1175.49	1560.159	2062.191	1848

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_41462_PI429010886	M57790	0.01575	12	3						14.58359	14.8771	11.52212	26.75848	27.77944	20.59992	36.47986	16.22526	14.93582	16.49199	59.56278	24.09915	17.08079	13.23043	14.12813	21.35291	31.34117	15.45873	17.34415	17.70164	25.16709	13.01381	36.66046	22.66107	14.39261	17.43627	14.75025
CUST_34187_PI429010886	M8997	0.01579	12	0						202.9438	358.4672	297.4174	78.28594	97.85969	110.8588	90.16303	186.6799	133.4052	105.1478	183.0597	172.957	173.2522	259.1091	127.3248	224.8249	111.637	76.78516	118.4632	324.5803	151.2035	201.085	224.0801	128.1445	215.028	282.3228	169.9489
CUST_30432_PI429010886	M61884	0.01576	15	6						64.71156	70.51648	90.60771	243.4729	329.5353	597.1763	306.2716	848.6156	517.1879	538.1956	174.2722	126.2324	NA	130.8168	58.13115	651.8188	332.54	190.62	11.14854	218.3592	303.9241	553.514	313.4993	612.5844	515.4056	410.594	236.8108
CUST_7181_PI429010886	N21156	0.01596	18	0	321456676	hypothetical protein DAPPUDRAFT_330720 [Daphni Metabolic process	Oxidation-reduction process		6.87E-63	275.8443	309.4606	338.7848	200.0082	247.1436	185.3847	223.4939	144.1866	220.2228	266.7997	202.7268	247.8745	190.4186	260.0114	258.545	255.6195	177.0624	282.9535	224.6063	235.7212	315.0245	312.2468	214.6655	280.2656	221.5477	190.0092	187.4758
CUST_55975_PI429010886	M112389	0.0158	24	15						983.5467	1211.313	1153.924	1095.532	1085.565	1186.311	803.7954	944.3898	1003.294	1413.053	1065.113	1447.664	1225.452	1394.642	1149.353	1620.39	1162.648	1366.468	1275.086	1257.529	1100.556	1451.1	1286.564	1357.763	1172.181	916.176	1385.628
CUST_11501_PI429010886	N27917	0.0158	24	6						613.0465	150.5702	59.86271	218.8408	60.08957	232.1034	403.4755	541.9679	432.0274	16.42728	38.04057	37.77068	440.0791	25.24001	317.6417	41.17264	44.331	49.9806	44.64586	54.11265	54.70385	64.37974	17.65649	358.6229	48.93138	415.3047	66.98492
CUST_17297_PI429010886	N37731	0.0158	24	15	345482168	PREDICTED: kinesin-like protein unc-104 [Nasonia vi			1.95E-38	39.56391	39.31065	42.08627	39.08441	41.43272	23.45771	30.66462	28.08525	30.81693	38.73055	43.0244	51.58632	26.59751	57.40224	44.30287	48.80606	53.35562	45.88881	46.64002	65.42078	30.9788	44.7891	42.79462	38.69682	50.20045	38.70657	58.88281
CUST_32141_PI429010886	M3340	0.01805	9	1	383852569	PREDICTED: uncharacterized protein LOC100882243			2.46E-37	57.55495	67.9638	25.22384	16.0983	23.99602	20.8433	73.39754	279.5586	31.9232	42.53014	130.1208	88.74926	80.37733	108.3885	33.80408	115.0086	76.62599	45.52189	126.5833	24.57116	58.17407	40.98931	51.25727	72.30449	25.33083	48.41112	62.89604
CUST_8224_PI429010886	N22737	0.01582	21	15						19.09941	16.22392	20.95699	14.19203	13.62607	12.14326	9.529604	15.35498	13.89365	24.02102	20.65497	18.55589	27.50275	12.91176	16.33291	21.96101	14.14626	32.69174	21.87774	22.06407	17.53688	19.01531	17.26803	15.17796	26.88229	9.002381	16.67423
CUST_42256_PI429010886	M59815	0.01828	21	0						31.43539	8.174796	32.61136	NA	4.625348	NA		4.404187	5.807016	NA	7.819931	6.146383	6.089115	4.69711	7.953838	3.705602	5.906131	46.31902	6.938783	5.72427	6.415718	NA	19.1106	30.33968	NA	11.85797	7.144042	15.5488
CUST_8724_PI429010886	N23481	0.01843	24	0	148706233	protease, serine, 15, isoform CRA_b [Mus musculus Response to stress		Other	1.2E-113	23.02707	18.04537	12.20709	16.11142	12.09352	16.1997	10.56079	9.279943	11.52078	6.952548	17.5216	15.91213	9.462739	8.207161	12.51827	15.38675	13.42458	22.498	13.42877	14.96682	9.900278	14.69744	13.41264	8.824107	17.61362	17.77636	18.19818
CUST_17255_PI429010886	N37659	0.01843	24	21						17.98995	9.447649	14.08468	NA		7.042021	11.32516	9.444187	5.369319	6.006114	3.886115	14.57386	11.06447	NA	5.251174	9.265801	10.95786	26.63785	14.02745	10.8963	6.808243	14.40546	15.72851	13.73929	14.77643	13.26743	6.158206	11.05595
CUST_37636_PI429010886	M20050	0.01857	24	15	77743875	Euphausia superba isolate DGGE band AntEuk13-5 [				131916.1	131916.1	119417.1	139148.1	118088.6	130067.6	135996.9	63412.19	130067.6	139845.6	148780.5	143243.9	117180.4	127883.9	145034.3	154243.9	148206.7	159657.9	140655.5	160411.4	127883.9	141355.5	137174.3	169441.2	107761.9	81243.5	143243.9
CUST_18763_PI429010886	N40367	0.01863	24	21						17.18399	21.62724	17.00952	19.08147	20.92287	17.58162	16.24039	21.50201	13.14309	20.27214	13.43047	21.8729	16.30995	24.48268	13.62433	19.43524	39.36593	17.96131	24.20666	28.72316	23.38605	20.89839	33.14087	28.888	20.26748	25.33083	17.19879
CUST_45171_PI429010886	M68219	0.01877	24	0						13.89481	11.40101	14.58718	14.08468	10.59651	16.53993	9.477835	6.586963	9.939882	6.336048	9.796108	NA		10.78913	6.968129	11.26503	9.631079	6.244116	12.02167	11.00948	9.384386	6.936041	7.08513	24.84656	10.74554	14.98047	10.10842	28.91721
CUST_48247_PI429010886	M79511	0.01883	21	0						9.661698	17.86001	13.24553	NA		8.045043	9.304008	6.62304	8.289001	4.502545	11.7971	10.18958	11.15122	8.267442	29.44853	5.119427	9.148382	8.910931	NA	NA	7.453496	12.01254	12.35487	18.12511	16.7373	15.3592	6.738368	NA
CUST_4867_PI429010886	N17651	0.01884	24	18						188.0537	196.5038	259.4845	196.129	198.308	209.4212	227.3812	240.2928	223.2546	219.0917	260.4633	275.5962	315.6417	314.7546	378.7197	423.4903	205.909	275.6931	289.2842	344.5306	286.7556	428.9575	303.6176	284.7868	341.3294	367.4512	354.7389
CUST_26963_PI429010886	N55193	0.01884	24	21	321471668	hypothetical protein DAPPUDRAFT_316454 [Daphni Metabolic process		Other	6.89E-32	60.66262	95.21856	94.43038	60.08391	117.3985	106.6154	64.80696	47.73188	73.48596	77.42171	49.21104	73.15736	64.85632	126.0286	86.65167	96.689	103.6058	82.26332	82.19809	104.964	74.43452	199.9828	87.70762	125.9958	81.91685	50.50708	78.20249
CUST_28852_PI429010886	N58727	0.01884	24	21						56.65296	74.0547	58.34728	54.40089	51.49206	43.80188	32.51731	34.05805	43.09035	64.57467	40.44483	69.68816	52.52687	68.82274	83.88709	97.25472	42.21564	60.79572	51.30486	114.5891	54.25425	82.28242	63.73239	57.49879	82.71099	47.82182	55.92013
CUST_52265_PI429010886	M96905	0.01885	18	3	124487752	hypothetical protein [Maconellicoccus hirsutus]			1.65E-11	129.6012	161.2431	101.8776	229.0179	149.9119	219.8055	149.3496	143.2327	107.9821	114.6697	121.0016	107.2229	112.4452	100.5206	115.7617	104.351	158.2669	152.424	152.1158	114.0624	140.4751	150.5899	150.449	140.3134	130.9642	164.4877	91.85305
CUST_20878_PI429010886	N44234	0.01888	24	0						70.88181	69.42462	83.83314	50.7913	86.48234	93.59991	65.76284	40.16678	69.27267	54.8287	41.52003	78.56402	36.98363	61.02614	49.25162	62.69277	32.69174	65.04995	42.70151	32.11242	75.43644	52.19516	119.228	69.13041	92.31619	88.62563	59.80108
CUST_49404_PI429010886	M85664	0.01905	3	0						35.11564	15.1027	7.528845	46.54214	18.91018	57.28882	36.92762	29.31792	20.74032	4.813825	9.854871	10.9768	20.70807	4.019432	8.995799	11.93851	35.31634	18.10692	18.06926	NA	15.03856	6.825815	24.12673	14.85205	8.7	8.7	8.7
CUST_50517_PI429010886	M90116	0.01918	15	12						22.42354	17.47664	14.77179	11.48488	11.52352	13.14638	14.75394	63.98783	10.76813	15.48667	17.1412	18.04108	30.39192	18.59451	29.21516	22.73586	20.00172	9.672443	8.215837	19.19575	11.66524	15.64186	15.62557	24.75161	15.31913	12.59239	24.67666
CUST_13750_PI429010886	N31705	0.01918	9	12						98.50813	175.6726	225.693	140.7358	140.2611	185.3559	195.555	203.8732	219.1432	172.436	208.7767	292.1904	201.3634	396.6524	249.3051	149.3929	187.276	291.1029	130.4101	153.2997	190.201	175.4136	286.8668	212.0119	256.281	177.758	258.8731
CUST_15429_PI429010886	N34568	0.01918	15	12						1093.92	1418.381	1373.566	1096.334	1221.884	1213.834	1081.105	1061.463	1304.617	1405.495	1168.631	1607.248	1307.703	1680.099	1507.459	1727.428	1428.874	1410.296	1230.999	1310.544	1042.392	1488.789	1249.958	1393.263	1845.048	1268.323	1884.761
CUST_30562_PI429010886	N62125	0.01992	12	0						18.51801	22.1833	19.51092	14.34446	16.32095	13.63622	18.37346	19.00616	12.81312	15.98933	11.55545	18.94868	18.09247	16.29644	6.319994	20.06405	39.20036	28.62456	19.61118	13.5398	15.67763	18.02828	NA		15.69237	16.42376	12.87509	11.33051
CUST_8128_PI429010886	N22576	0.01921	15	9	391333152	PREDICTED: uncharacterized protein LOC100903258			2.82E-12	339.4134	562.8166	515.0601	424.6374	452.4978	434.8523	367.5439	425.4184	405.9943	607.7896	453.5801	583.4081	433.0579	594.2743	503.9702	646.2272	428.7852	497.7449	392.0959	453.79	300.5825	676.7937	406.9652	391.346	631.2945	723.9047	784.6927
CUST_33267_PI429010886	M6444	0.01925	24	18						27.2017	40.87944	20.13119	20.25455	16.1574	12.78901	16.89803	9.54713	23.28835	15.04869	18.96046	44.49519	11.48488	26.71614	26.61223	27.44439	11.30247	26.86268	24.62356	35.13117	30.07929	33.88263	24.45653	31.61426	29.47231	23.06016	26.09533
CUST_1727_PI429010886	N10549	0.01925	24	18						3206.496	3792.107	3347.664	4680.081	4357.297	4992.636	3161.551	3172.097	3100.565	2929.717	4263.359	3616.168	3266.951	3624.616	3821.032	4058.299	5439.997	4297.995	5602.191	3451.374	4424.066	3554.679	4808.982	4711.518	3355.686	3991.112	3347.664
CUST_19220_PI429010886	N41519	0.01932	9	0	307189811	Protein piccolo [Camponotus floridanus]			1.16E-07	29.90107	34.70757	36.69324	25.79616	27.89681	19.82899	17.19461	20.25895	15.4798	38.78884	35.23219	26.11231	12.06262	49.10355	28.43336	35.60511	30.28833	47.3396	27.22266	25.92533	34.66438	29.48584	23.93894	20.70807	49.33973	19.56129	35.1468
CUST_19600_PI429010886	M41641	0.01932	9	12	77743875	Euphausia superba isolate DGGE band AntEuk13-5 [			7.6E-174	74.34861	87.6112	72.40334	43.87581	51.82417	62.44513	55.55874	58.70799	83.13765	68.14294	55.95565	85.65603	65.9853	80.11769	62.53849	59.49267	58.25978	74.89819	53.24987	69.20227	60.81378	62.46096	89.75292	71.82424	83.83973	70.7847	93.17664
CUST_19294_PI429010886	N41329	0.01937	12	3						25.45721	24.316	23.00815	33.77253	70.27178	45.05944	56.57261	43.64196	29.78164	27.0144	37.92604	18.50615	29.38309	18.08051	38.71497	32.42452	79.85552	54.79813	84.32383	9.751886	40.8947	33.3136	28.68501	47.1063	30.0232	23.85453	31.77739
CUST_31670_PI429010886	M2133	0.01961	15	9						376.8596	388.7869	283.2818	380.8862	336.3354	266.1283	367.0612	344.6094	340.867	557.9517	383.4448	428.9575	405.9331	385.3789	327.9867	494.3438	370.4089	309.1695	316.0527	367.921	315.3784	592.5758	349.6083	282.2114	629.4397	368.7924	391.5964
CUST_39348_PI429010886	M38124	0.01961	15	9	390362924	PREDICTED: zinc finger protein 84-like [Strongyloce			6.86E-17	29.81837	38.91166	39.70082	30.74351	38.91166	27.91558	27.71021	34.55995	36.04752	41.52003	52.33717	49.49037	39.8885	48.36598	40.27161	48.1847	21.7647	38.09477	28.10839	37.54075	48.19772	40.20429	45.69115
CUST_3763_PI429010886	N15223	0.01961	15	0						2929.717	3493.781	3213.851	2137.444	2435.819	3029.514	2114.712	1656.441	2416.782	2988.348	2472.114	3722.852	2444.229	2731.57	3443.242	3398.882	2712.01	3187.857	2459.721	3429.061	2698.741	3332.072	2448.925	1555.864	2718.679	2656.499	3100.565
CUST_21460_PI429010886	N45262	0.01967	21	18						14.66789	16.55361	15.10927	7.049754	8.446645	10.20122	4.101557	9.403927	9.602601	17.10987	9.851879	16.8197	7.425323	8.949545	9.202277	11.34865	19.88848	24.93734	17.68083	17.64932	13.03254	14.76465	14.84035	6.474974	32.72017	11.8505	12.94753
CUST_20461_PI429010886	N43485	0.01984	24	21						11.10641	11.87142	16.18956	7.788223	8.733788	11.19977	12.07646	5.707653	8.905799	4.241882	8.656419	10.70604	16.86851	14.07527	21.83957	11.27249	14.28677	18.7381	11.6136	17.17252	9.136448	14.58939	14.63109	19.34025	15.78805	8.800802	12.68722
CUST_5657_PI429010886	N19000	0.01991	18	0	195484963	GE12547 [Drosophila yakuba] >gi|194176995|gb|E	Cellular Process	Cell proliferation		68.34468	90.78956	43.9135	28.53148	64.11406	38.35127	44.03947	41.92389	44.40636	40.36236	44.0607	48.82597	38.2326	28.15071	40.74077	47.62012	55.70806	52.99425	63.24801	79.23712	46.93128	49.55412	46.61606	50.30627	39.55173	36.4309	59.22278
CUST_51508_PI429010886	M93784	0.01998	24	15						29.67419	31.30264	26.01379	33.48853	18.60353	24.26769	22.20218	22.24289	26.01832	23.52324	39.52248	24.16344	18.73049	38.1599	26.11989	44.80736	31.56077	43.50773	28.85946	37.02581	29.9042	44.45342	39.84994	24.5556	35.51693	33.94751	34.57302
CUST_6775_PI429010886	N20585	0.01A	24	18						251.1743	21.65726	NA	17.2758	19.54896	8.883037	11.56409	7.088352	11.55545	14.39787	13.95627	7.931172	15.39724	8.447696	14.65658	32.8723	21.3885	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	12.79677
CUST_19445_PI429010886	N41594	0.016004	18	12	196002303	hypothetical protein TRIADDRAFT_14880 [Trichopla Metabolic process		Other	6.71E-19	36.33605	28.20406	58.90324	37.20061	11.82852	32.84559	14.69551	25.96531	16.30613	53.02384	68.41788	43.18546	97.56553	50.33907	40.9233	115.837	25.19237	45.76846	44.37542	13.90672	34.37569	70.16242	45.52612	48.33618	18.32163	15.08227	9.865884
CUST_36601_PI429010886	M16331	0.016025	21	0						145.8124	192.1754	133.2798	117.746	136.1666	150.5702	111.1891	110.4435	122.2713	131.4476	141.4293	169.9686	99.69352	114.5611	114.0624	121.8291	138.2104	110.6759	137.4942	146.4651	123.8281	172.7927	138.2955	138.5342	156.2777	130.2006	111.151
CUST_51231_PI429010886	M92710	0.01603	24	0						6949.82	9670.846	7470.617	5787.347	6941.938	5539.858	4909.967	5256.29	7188.247	6536.631	6388.757	9261.186	5744.456	4208.899	4778.44	9219.301	5119.45	6366.193	5336.786	8876.599	7175.165	7737.591	6779.053	5738.426	7306.322	7318.038	7516.748
CUST_53987_PI429010886	M103989	0.016033	21	18						78.93037	62.46895	64.65683	52.70775	55.34146	56.39304	53.95069	43.37513	46.41206	56.76191	65.88576	63.68912	50.04478	61.58977	66.22546	90.69277	53.2143	60.11602	70.56572	62.6571	55.37764	72.74687	62.71467	55.57729	60.07749	43.59959	56.88203
CUST_25454_PI429010886	N52447	0.016038	24	15						119.1803	114.2465	143.2572	93.44686	87.14788	130.7098	75.92185	80.86611	94.99099	113.2085	88.7408	157.7275	99.49562	139.8015	98.86383	140.9566	144.7064	132.2265	102.9429	116.5927	118.0563	120.8052	111.8739	129.2719	121.2272	101.4644	133.9011
CUST_33645_PI429010886	M7500	0.016053	21	18						237.3703	243.2786	261.1858	228.6997	211.4751	257.4087	212.8309	202.3705	180.1966	199.1036	242.5645	258.4381	190.62	249.3051	211.8227	265.6039	238.1723	224.884	264.7036	272.7999	238.1723	282.4175	293.704	200.5357	252.5323	223.377	198.1505
CUST_6693_PI429010886	N20470	0.016053	21	9	156546442	PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltrar Metabolic process		Other	8.34E-75	54.77637	76.30835	78.76718	82.56662	83.89746	91.69639	57.51717	100.6811	123.4738	81.51675	97.5299	141.7648	93.13261	83.25716	75.58303	77.1366	46.12593	62.29412	72.5683	88.77007	107.9228	63.65227	75.40046	29.21516	101.6806	97.81711	79.81539
CUST_40411_PI429010886	M55005	0.016055	21	12						195.7902	202.1751	286.9542	197.1531	231.3049	242.1214	211.2278	147.3218	220.0411	269.5045	209.9313	412.7593	270.6659	284.536	253.1914	252.6775	246.2258	299.7832	293.5299	272.6795	275.0029	243.5502	269.4403	220.6157	219.0917	226.151	283.3904
CUST_48178_PI429010886	M79245	0.016057	24	15						1189.9	1940183	1679181	917.7501	84.41305	106.2586	116.0813	35.30492	17.52398	12.5692	56.55039	NA	24.94778	8.854672	11.36366	NA	168.6567	49.53791	101.5659	25.15	62.88498	25.15	25.15	25.15	25.15	25.15	12.56506
CUST_18243_PI429010886	N39421	0.016084	12	12						67.21241	204.8186	169.3227	40.39432	69.4087	41.50205	7.279581	22.63755	30.96855	77.49116	80.75638	211.0236	110.1779	236.2907	209.2252	110.4846	8.799195	77.15963	40.64728	96.81237	56.59481	304.2796	97.6483	27.65747	79.07032	35.64343	66.67032
CUST_7899_PI429010886	N22242	0.01609	24	21	71159516	C-type lectin [Penaeus monodon]			9.67E-12	1318.564	1652.112	1436.981	917.1171	1376.074	1755.419	1038.033	1173.091	935.3105	1210.626	1173.656	1474.825	845.2412	1249.958	1244.117	2474.132	1312.47	1825.909	1324.694	1618.557	1477.505	1542.262	1299.658	2035.189	2101.303	2155.605	2169.749
CUST_13940_PI429010886	N32052	0.016093	18	15						66.53867	69.18246	57.83783	67.1407	52.63381	42.30947	45.97157	46.37649	38.93621	52.68897	92.88396	60.02795	62.89604	59.37489	49.21104	85.39372	51.04982	76.61613	42.41594	66.7414	56.31693	66.28856	50.98064	55.40965	65.61007	31.29367	50.10243
CUST_32200_PI429010886	M3505	0.016098	15	12						84.03407	118.6098	99.98303	63.83268	80.842	80.12587	81.9093	57.56078	92.65529	110.5556	71.89357	94.71285	69.94604	159.2768	97.15481	107.3764	134.8756	114.5736	71.44429	59.1427	87.12746	96.19258	100.4233	97.49057	146.722	103.0871	130.4101
CUST_84_PI429010886	N558	0.016106	15	12						42284.08	4169.34	56447.03	1403.267	3011.822	2423.127	51007.02	104856.2	76476.71	79324.15	18586.47	21067.41	60028.43	81892.6	79681.93	9341.534	54708.78	4041.003	37163.2	32962.39	16762.52	56447.03	74289.93	19923.01	82404.75	17137.67	87164.76
CUST_8167_PI429010886	N22636	0.016114	12	0						3079.902	3332.072	4038.67	1431.436	1920.006	2214.33	2278.385	1760.95	2794.005	2229.117	1942.982	3651.445	2786.84	4471.709	2731.57	2514.893	1938.653	2720.754	1629.467	1395.434	2579.022	3323.085	2873.023	2506.708	2434.013	2729.519	2953.556
CUST_45403_PI429010886	M69002	0.016122	18	9						71.95612	78.79452	90.65923	34.9939	35.89324	23.29368	72.92837	82.27324	85.38257	195.1137	71.68684	80.60147	89.76549	57.664	106.9908	86.67105	45.26245	56.9818	135.1969	49.20588	76.51274	70.7847	50.91495	54.72113	44.58058	75.82559	135.3575
CUST_1689_PI429010886	N10447	0.01613	18	3	123464707	ankyrin repeat protein [Trichomonas vaginalis G3] >			4.62E-42	91.95171	151.0563	76.41163	232.8026	117.9497	125.751	73.83558	40.50555	85.51349	82.19809	60.13681	56.61232	51.40578	98.41575	46.49334	111.5605	29.9971	162.1587	53.07285	76.40353	144.1199	244.3099	172.9946	115.0806	124.8716	54.69881	61.95712
CUST_9074_PI429010886	N24021	0.016125	24	0						7.27057	11.29768	8.783511	NA	10.88211	NA	NA	8.415892	16.53843	7.330555	6.803573	13.23962	3.762808	3.60732	10.86396	4.599604	5.624347	12.705	11.79	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
CUST_35746_PI429010886	M13385	0.016135	21	15						292.7654	276.6094	288.5334	315.6417	275.8944	371.7567	247.4599	243.3133	211.7142	345.3911	245.0284	250.8185	251.0141	204.0225	307.9665	389.3563	317.9758	316.3545	377.4878	321.374	310.8131	309.1008	263.4861	254.6455	294.1484	352.5288	270.4039
CUST_53088_PI429010886	M100103	0.016137	15	3						20.88122	7.213856	14.86396	18.2356	25.60312	47.17274	25.39336	7.789768	4.72626	5.038317	26.77489	NA	3.996664	NA	6.770324	NA	74.0547	22.04079	55.74802	NA	35.98798	NA	30.48251	36.606	4.438412	17.02696	NA
CUST_46957_PI429010886	M74308	0.016153	15	9						37.79822	38.91585	34.85305	28.23631	36.55801	36.64169	26.64257	33.75702	41.14845	42.69298	39.05183	43.11192	31.51484	40.88839	37.77438	32.3494	28.93678	37.38785	32.93575	31.40893	26.7087	36.9176	32.37332	48.69863	41.87987	30.98188	45.43013
CUST_5730_PI429010886	N19114	0.016153	9	3						769.8974	135.403	565.0414	4859.11	10233.27	8378.604	9407.387	681.3848	104.0821	50.69847	8285.528	9.910844	186.0881	105.57	153.2544	111.6027	11566.7	3095.586	15221.8	52.70775	11908.36	37.59821	8086.505	9950.402	70.91513	1333.908	20.37181
CUST_9135_PI429010886	N24119	0.016153	15	9						25.95233	26.30532	42.46136	11.28708	25.04907	17.07869	26.09533	19.09504	28.51242	27.32084	30.29325	47.71977	22.34365	41.09904	39.68929	37.54698	29.45836	27.50907	28.35096	27.78206	23.83451	30.3731	54.13488	28.37201	35.06362	32.67128	43.898
CUST_15733_PI429010886	N35047	0.016153	15	3						187.6138	173.4432	216.0765	175.5504	172.5457	174.5081	142.5887	120.5115	152.9004	157.0892	157.0455	178.3785	143.1502	222.578	100.64	217.4042	202.9175	232.2704	147.2361	167.4108	168.6014	174.0405	170.0196	158.496	212.9538	152.9208	193.9691
CUST_22438_PI429010886	N47031	0.016153	15	3						1621.924	279.1338	1614.376	2415.728	1634.318	4787.683	3206.496	660.3398	665.511	164.1721	2162.684	8.438285	632.8192	163.2245	434.8523	165.5902	3667.985	2208.121	2856.456	133.561	3604.11	334.7375	2348.331	3365.303	77.84223	1143.075	37.24189
CUST_26490_PI429010886	N54335	0.016153	15	3						20.5469	12.71046	17.25337	15.45106	15.08066	13.27508	12.33047	21.6649	19.99051	22.83161	17.90404	26.12256	24.71374	14.17659	15.22654	22.20487	10.86137	13.94862	10.53483	15.49817	21.90983	18.83592	18.32738	11.76447	30.21631	22.89148	23.97713
CUST_6606_PI429010886	M20349	0.016186	18	15						941.2341	955.4895	888.7344	886.3986	855.8158	857.3719	649.7314	595.7445	778.5698	762.7979	719.37	845.9343	649.7314	957.8471	841.7695	1183.341

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_26311_PI429010886	N54035	0.01665	24	21						4.886513	5.107128	NA		6.422087	4.025282	NA	NA	NA	4.478759	8.047455	4.203397	6.330913	6.576173	7.855725	5.774825	14.19367	5.913315	NA		8.373525	9.462739	12.90641	9.532078	12.7231	NA		13.85759	6.724594	6.597762
CUST_23639_PI429010886	N49188	0.01668		21	15					68.91301	45.39483	42.09877	37.70765	54.20454	36.94944	37.00144	34.41491	48.80606	48.35952	54.3134	52.23527	34.32332	38.0116	57.6895	99.40267	61.38183	69.07358	55.23983	51.37508	49.09733	56.16844	35.11191	40.29604	68.21242	42.6726	48.46285
CUST_56331_PI429010886	M113518	0.01686		18	3	546682942	hypothetical protein D910_10129 [Dendroctonus p		6.83E-08	405.3248	491.0819	297.209	1936.586	3599.759	4627.233	2118.286	3292.379	300.6388	65.63314	1500.831	87.40211	513.0951	179.2925	288.5922	107.9175	1317.338	586.9437	847.5292	15.35228	1720.101	157.7547	1628.664	2992.796	108.6787	529.4409	117.0236	
CUST_51572_PI429010886	M94038	0.01686		18	9	260813697	hypothetical protein BRAFLDRAFT_60838 [Branchio		1.66E-09	51.17489	81.34562	53.9331	50.24503	62.16793	49.9806	40.65704	60.54854	51.07827	75.11707	65.51399	84.83474	60.86143	67.09564	82.62874	83.85047	54.43209	63.89005	42.27106	83.11485	54.10775	61.5685	53.04998	39.414	82.25514	50.39753	55.14628	
CUST_38411_PI429010886	M26337	0.01686		18	9					2001.122	792.1417	690.9208	493.8599	375.5434	161.1809	718.2136	1687.609	1321.214	3835.814	698.4337	2913.591	1557.99	1490.779	1794.046	1851.755	472.773	562.8166	1924.978	484.9716	761.7734	1187.536	495.8952	376.0453	174.8583	807.4639	1692.067	
CUST_54786_PI429010886	M107677	0.01695		15	12					1187.094	1137.521	993.7035	730.6182	993.7035	1075.314	2361.621	1308.281	2067.695	1309.194	862.8974	1112.549	2370.125	2469.728	1984.848	1479.619	1173.656	1054.702	1768.416	734.9802	945.2395	1317.659	759.8078	1268.323	1156.728	1640.228	3144.897	
CUST_36604_PI429010886	M16336	0.01695		15	12					133.1553	148.5892	142.963	113.9625	100.8435	134.3159	148.544	119.228	204.1442	132.7741	139.1216	195.0054	157.7478	180.2796	184.5131	175.4895	132.8952	148.1409	148.0447	128.4554	113.0933	177.9616	170.1693	124.2716	151.6596	102.7268	184.458	
CUST_4647_PI429010886	N17205	0.01695		15	12					275.5962	210.5891	393.9841	285.2001	177.8716	292.1904	221.873	263.6735	256.8125	350.9859	288.2204	456.2722	426.0225	475.7608	542.3878	396.9018	256.0552	347.1114	248.1135	322.2147	354.7905	571.296	376.4458	286.19	420.2091	362.4143	507.8519	
CUST_53098_PI429010886	M100133	0.01676		24	18					43.38005	46.07745	39.90155	36.74157	43.74674	27.93572	36.7129	56.09338	31.21873	77.38027	40.40681	40.96307	28.48875	56.47886	34.77329	82.25514	54.11265	128.2056	131.1966	40.28418	159.2366	45.16011	87.42512	91.49463	36.29351	25.39589	89.5493	
CUST_30944_PI429010886	M283	0.01676		24	21	172051148	putative mitochondrial ribosomal protein S24 [Ornit		2.04E-51	185.414	208.2464	203.2288	151.2427	188.1392	149.7134	146.765	156.3748	150.6133	220.8169	163.9694	234.141	235.8718	177.5678	218.8408	265.7201	145.9616	232.9495	180.731	188.2724	198.0625	253.8408	223.7779	203.6001	187.4537	201.1997	192.1486	
CUST_2668_PI429010886	N12871	0.01676		24	21	242024523	pdz domain containing guanine nucleotide exchang	Signal transduction	1.5E-175	31.6776	36.41327	47.01793	26.53469	25.47702	31.58406	30.11859	23.75346	19.91992	39.27214	32.03583	26.23528	22.17757	32.98902	19.11878	27.13842	43.55575	45.24266	34.32332	32.41678	47.49104	28.46598	64.99854	39.0714	56.93106	55.38216	49.25162	
CUST_7933_PI429010886	N22192	0.01676		24	21	158292095	AGAP004370-PA [Anopheles gambiae str. PEST] >gi	Regulation of gene expression	1.08E-39	316.4275	302.7759	286.3036	246.1531	203.6001	284.0133	190.2377	265.532	273.6399	364.2104	222.8598	405.2638	241.7291	277.2458	440.6954	466.6293	278.0457	348.7613	262.0228	289.4881	283.3904	315.7757	322.9938	416.4515	303.2741	307.2464	284.9694	
CUST_14889_PI429010886	N33640	0.01716		24	3					1065.529	3312.37	1304.617	4876.999	1686.366	2133.627	1095.161	1317.659	994.4459	1297.484	595.1496	2189.348	1036.891	1131.289	948.7418	1182.29	394.7279	1167.349	699.845	1139.145	1797.174	1938.653	1781.492	1167.349	2115.987	1948.38	811.2478	
CUST_11784_PI429010886	N28398	0.01723		15	9					759.5836	887.8552	968.7311	685.3204	722.796	718.917	707.905	791.8244	882.5331	878.6172	749.487	1205.12	828.5874	978.4784	988.77	1099.35	691.1905	828.3608	810.9217	936.0363	768.5376	953.9498	743.4007	720.2695	1126.811	967.9514	1055.576	
CUST_50107_PI429010886	M88649	0.01727		24	21					5.032346	12.37644	NA		5.895001	10.36474	NA		5.211167	3.355064	5.088083	8.688469	6.55575	NA		4.065161	9.058184	12.31427	17.46899	6.652276	23.90131	5.302715	10.08636	NA		21.02638	8.046291	21.93409	16.15147	6.760169	9.373204	
CUST_42449_PI429010886	M60312	0.01673		15	9					62.91706	60.47407	61.28097	34.99807	63.26276	38.96253	45.41664	48.13345	54.56998	77.31411	86.03759	55.42699	49.11313	64.125	63.48998	78.97339	52.77021	33.93687	56.69692	58.37612	41.32421	56.57948	44.9603	47.59957	67.08317	69.90395	67.03346	
CUST_9915_PI429010886	N25398	0.01673		15	9					60.80817	85.3343	138.7197	67.77787	92.81476	66.41721	82.49999	204.3871	190.0374	222.2406	138.2766	187.181	104.9178	314.9825	141.6349	181.4858	131.5799	128.3451	153.1027	105.0723	126.6474	213.366	252.4492	57.04658	266.4363	188.2189	366.4064	
CUST_30462_PI429010886	N61947	0.01673		15	0					24.23621	11.74252	44.1761	16.24458	29.06247	24.34006	12.10865	10.40388	13.65469	19.27159	38.90805	14.00339	11.30336	19.68268	13.4823	30.8467	33.80907	36.4354	25.33406	27.37091	25.44661	13.68318	12.01073	12.83461	24.61213	29.53988	26.45407	
CUST_45022_PI429010886	M67737	0.01739		24	15					58.27233	42.22198	59.052	59.00876	52.063	81.46299	71.35987	54.1974	59.61145	65.83727	71.19859	67.22077	60.82114	69.07538	89.86196	196.6343	77.53281	65.6996	65.50557	62.70075	86.35271	79.72112	67.32283	86.4072	34.61677	66.53867	51.37093	
CUST_16657_PI429010886	N36644	0.01742		15	0					259.6731	298.1495	209.2891	201.008	263.7999	257.8674	161.0687	135.4402	181.4398	224.3549	156.6593	286.6682	199.6816	207.128	291.5581	272.7999	222.8598	292.1061	209.0873	236.5825	187.9002	223.7779	184.0038	242.9704	275.1358	177.0904	181.7953	
CUST_48947_PI429010886	M83096	0.01756		24	6					5.089219	6.829705	NA		23.57465	9.252049	7.188579	NA	NA	10.34644	8.832139	7.348282	4.461614	4.89178	7.297269	7.034635	6.669172	8.97147	NA		10.66241	9.609115	9.416182	13.69107	NA		7.988553	8.629296	10.12652	6.533554	
CUST_4938_PI429010886	M83349	0.01764		24	3	546673612	hypothetical protein D910_02598 [Dendroctonus p	Cellular protein modification process	1.61E-18	18.69682	24.31817	12.06861	25.44037	28.14284	19.87757	20.19887	27.42267	29.3391	27.84375	17.85496	24.15872	38.66452	25.28193	29.73496	58.40039	26.10687	42.40248	48.35233	33.27124	34.88582	31.36464	18.15071	17.60789	29.69394	30.13914	
CUST_51337_PI429010886	M93143	0.01771		18	6	260800466	hypothetical protein BRAFLDRAFT_118609 [Branchi		6.66E-28	79.81539	90.48379	112.3515	117.1089	113.7469	104.6828	129.9842	113.1045	138.0091	101.0858	105.3783	97.31477	113.1785	109.8598	118.6904	125.751	107.4719	74.88917	112.9528	90.37187	107.543	126.8192	73.31065	87.30486	139.8337	130.3926	159.5684	
CUST_32414_PI429010886	M4058	0.01785		18	0	321478511	hypothetical protein DAPPUDRAFT_40294 [Daphnia		2.27E-18	35.1468	36.21632	30.62163	14.46778	25.59587	16.90499	11.41324	17.27372	22.41939	28.14633	21.4691	34.91643	32.66922	27.77944	31.95513	41.19265	15.54357	29.57425	35.0422	33.78308	19.05109	28.92395	27.6707	21.32603	26.83617	21.12654	27.03844	
CUST_9378_PI429010886	N24517	0.01788		24	15					186.2827	190.4186	164.1178	137.2919	146.2634	135.3397	130.6585	149.2835	106.5708	224.7802	174.5672	130.1396	125.3376	169.9973	150.9847	240.7867	227.1414	212.1657	142.7716	162.2752	150.1517	222.5078	191.5917	174.5672	281.1462	138.9365	189.6264	
CUST_6892_PI429010886	N20741	0.01793		15	3	321476027	hypothetical protein DAPPUDRAFT_312473 [Daphni		1.19E-34	13.1549	8.681407	10.66012	14.36868	24.56849	13.66784	17.16495	9.512792	NA	12.69324	14.36186	8.712785	5.038317	6.794828	6.975434	6.012808	19.35656	12.31007	6.039035	NA		41.55928	6.140199	17.92595	20.57577	8.587225	8.634653	5.840732	
CUST_31969_PI429010886	M2866	0.01682		24	18					116.0529	174.7413	137.4942	84.93221	120.4034	97.20572	81.52938	92.90826	103.0871	137.0908	97.98092	163.162	107.2229	141.0258	113.6252	147.9625	119.0396	159.3655	132.9657	163.2245	134.7571	160.8644	117.5244	84.97695	127.9775	139.8015	132.9869	
CUST_12382_PI429010886	N29379	0.01682		24	15					275.6487	297.14	258.4381	239.2718	282.651	246.0582	210.7138	249.0021	214.4445	301.0804	249.3844	245.1598	224.668	286.4677	257.455	452.0017	329.1684	293.1271	307.2905	318.9508	255.1161	411.2669	212.8309	199.4211	398.0993	196.4409	273.2835	
CUST_49318_PI429010886	M85180	0.01803		24	0					8.195858	8.893352	NA	NA	7.419678	10.00867	5.475709	8.498279	NA	6.31321	7.355758	6.319033	5.961141	NA		3.669557	4.478759	9.279943	12.73078	8.512073	NA		6.287022	8.315583	7.466636	9.175781	13.41579	9.017882	20.72678	
CUST_1503_PI429010886	M9845	0.01832		24	6		Metabolic process	Carbohydrate metabolic process		1224.331	5144.095	2169.749	3893.282	1076.18	2014.347	1580.29	2491.849	1292.668	1091.244	844.642	981.4865	756.4835	1069.514	975.9966	752.3265	219.9262	348.0871	113.1529	413.9125	845.5341	160.779	215.807	900.4832	42.46399	77.7366	581.8912	
CUST_35109_PI429010886	M11610	0.01873		12	4	443722965	hypothetical protein DAPPUDRAFT_136995, partial [		1.25E-09	504.2482	559.8475	665.3114	381.498	339.8212	306.2123	307.7422	418.2809	568.2975	757.2157	397.4231	642.6469	509.4935	711.6467	546.956	528.618	412.1707	390.3686	403.8464	562.4407	515.1721	566.6261	576.8367	350.793	609.869	519.6135	683.9239	
CUST_9148_PI429010886	N24136	0.01873		12	3					10866.21	4589.406	3764.548	19773.16	14600.6	28306.41	17436.39	5233.779	7617.588	213.4066	9839.748	130.1545	7457.426	2697.082	6630.238	7239.058	17943.08	21597.2	11882.91	986.7668	11161.59	6863.631	10348.94	20686.07	1295.841	10884.33	77.03965	
CUST_48340_PI429010886	M79906	0.01884		18	12					182.8475	176.7754	200.7582	154.222	153.1912	149.0167	165.9977	145.4206	156.3918	215.167	154.3563	211.5135	161.6447	241.2571	277.2458	238.9663	150.3171	210.7973	165.9503	238.1333	206.0055	176.94	168.4961	155.9586	197.3275	196.5989	228.3928	
CUST_18504_PI429010886	N39916	0.01885		24	0					10.50912	13.58003	10.48357	NA	8.670788	6.041641	4.412198	7.538194	8.073322	NA	7.061176	7.329225	7.818797	8.886857	7.862605	11.12231	NA		3.963741	8.329617	11.89878	6.11892	14.46019	7.112561	9.504182	11.81299	11.62614	9.399234	
CUST_45127_PI429010886	M68077	0.01889		12	12	260791400	hypothetical protein BRAFLDRAFT_89523 [Branchio		3.93E-27	54.28784	45.71627	77.39037	38.56543	38.24021	45.05778	46.02927	73.65478	64.86794	63.65227	57.49062	57.34886	85.01801	113.525	58.0658	42.85678	72.78887	33.84232	40.55137	48.35952	58.36102	54.04881	89.10973	55.32113	70.02583	42.12575	75.27932	
CUST_13723_PI429010886	N31661	0.01889		15	12					75.49979	56.48952	97.21485	62.04982	51.41614	57.28119	111.5352	272.1063	100.5781	331.1092	57.00393	23.28835	379.8142	345.1018	164.0153	88.8824	287.2312	63.98783	69.24723	94.76564	40.66388	114.5891	148.6082	43.48424	245.8985	59.12378	115.8059	
CUST_10267_PI429010886	N25975	0.01892		12	3					34.60947	10.037	9.325475	55.72398	48.3768	56.93106	35.05495	14.21847	26.59511	NA	5.210194	NA	49.55005	22.89389	34.78474	69.51764	28.85946	91.6409	41.10188	8.661553	20.56296	16.87203	10.80877	42.85678	5.972532	3.635461	NA	
CUST_2920_PI429010886	N13391	0.01915		24	21					18.81916	27.1975	36.27265	38.16452	23.16735	53.84859	24.84105	25.18558	17.37911	41.9189	25.77821	15.40382	59.6055	50.55173	54.86156	34.36888	53.47338	28.3053	91.72554	24.9855	51.89227	57.35641	53.64846	57.77025	29.63396	34.23531	33.37654	
CUST_31650_PI429010886	M2054	0.01922		15	3	123474370	ankyrin repeat protein [Trichomonas vaginalis G3] >		3.79E-27	1156.728	997.0196	634.4094	1724.959	1079.829	1631.11	1928.541	989.9215	1047.894	274.2312	807.9372	291.9341	964.5529	517.2906	671.0656	882.5331	1550.902	1051.549	1377.193	400.8956	675.5498	646.4459	614.705	1380.785	561.029	712.7429	460.1631	
CUST_51362_PI429010886	M91692	0.01922		15	12					219.7749	135.0089	164.4877	151.2877	114.4136	139.47	111.1235	265.0674	181.9242	235.9095	113.8053	247.9064	133.1101	270.2125	279.8319	192.1174	144.4834	166.4166	158.9939	165.6579	214.1487	158.5095	176.4148	158.9939	233.484	290.2131	
CUST_24758_PI429010886	N51205	0.01938		15	9					109.4262	99.31284	130.8664	116.2092	104.8539	83.33435	120.0318	94.77604	118.6098	139.1382	117.621	149.6388	107.0174	147.1104	166.2726	138.4302	105.1255	127.7612	89.5312	114.7609	113.2243	134.8111	159.3655	94.24344	139.0161	107.9228	163.8253	
CUST_42179_PI429010886	M59617	0.01939		15	9					8.228156	10.82172	13.26351	12.46576	4.669465	NA		5.668195	6.15687	11.68424	NA		11.24362	22.94051	10.78464	17.64932	14.65028	18.53665	10.46038	11.89374	5.389345	11.65447	6.100648	16.68621	9.943996	10.22803	15.557	18.7049	13.07663	
CUST_27658_PI429010886	N56460	0.01946		24	0					26.66659	34.0788	30.558	26.6361	23.82334	19.22658	14.32775	18.59923	25.11237	25.43742	17.94904	22.72662	11.9801	27.16436	27.0028	39.14518	23.91586	27.35753	23.40051	13.76394	27.18775	31.43539	27.04728	18.47667	31.50694	36.14573	31.41951	
CUST_12905_PI429010886	N30244	0.01946		18	12	391325031	PREDICTED: zinc finger protein 484-like [Metaseiulu		2.3E-11	21.42649	24.97464	27.54647	15.37508	14.97314	17.7534	15.16804	22.54108	18.78315	44.51031	17.25337	31.06856	24.79214	31.04302	29.9146	41.65544	15.39298	22.31957	21.61386	20.71979	46.0983	21.78224	21.3985	10.14024	34.06729	17.18634	29.50356	
CUST_46424_PI429010886	M72631	0.01957		12	0	77743875	Euphausia superba isolate DGGE band AntEuk13-5 [		5.7E-125	119.6384	193.5271	130.2535	120.4315	92.88396	68.66167	52.90229	84.722	104.8392	173.2522	111.5107	154.0296	245.4514	146.0723	129.6855	101.1328	106.941	88.25864	80.77462	117.2072	101.487	129.735	113.7893	87.9523	115.5578	69.49122	146.1977	
CUST_47896_PI429010886	M78080	0.01957		12	0					23.61845	25.08131	19.05569	23.4104	16.52475	12.68586	15.2174	9.87019	13.55355	14.03531	18.9048	29.70337	17.38464	25.92266	18.97043	23.46287	10.8676	12.80802	18.73459	17.84645	23.08011	23.28108	21.11131	14.48423	25.32849	25.47479	24.17916	
CUST_22958_PI429010886	N48006	0.01961		24	0					55.64622	82.67802	93.78702	48.36598	52.45794	53.62643	52.81394	65.02052	54.5089	86.72657	51.5698	73.35299	40.74434	49.40423	41.87571	70.74029	74.90972	54.92234	42.02191	63.13278	54.63526	56.99751	93.96395	70.24827	80.23994	66.18886	77.82271	
CUST_7911_PI429010886	N22261	0.01968		21	6	321476498	hypothetical protein DAPPUDRAFT_96952 [Daphnia		3.81E-29	292.1061	385.7092	385.3789	315.1705	513.5475	429.1228	489.1062	440.3254	605.3029	474.8115	416.1299	475.2865	375.6267	547.2331	449.0628	443.8496	297.9644	375.2072	469.6397	346.8405	469.28	415.0913	411.5645	408.3975	427.0325	431.842	588.751	
CUST_10589_PI429010886	N26958	0.01968		21	6	47219760	unnamed protein product [Tetraodon nigroviridis]		6.93E-08	15.6582	15.8263	13.44859	8.324648	8.92426	12.73776	7.96146	6.633519	8.905799	7.944424	15.5215	10.57449	13.71506	8.5745	10.46578	15.12683	15.14331	17.36598	9.812472	8.768894	9.293005	10.58195	11.54223	9.476285	11.12329	9.476285	11.18324	
CUST_11743_PI429010886	N28334	0.01985		15	3					8.771173	4.733482	22.8042	29.67132	28.66586	25.00056	40.07222	4.398494	15.12127	4.125002	34.05076	6.343801	8.851169	8.095294	6.391082	6.425284	94.89615	86.88496	42.61497	29.99986	46.11029	18.35945	20.90912	23.58557	5.007287	NA	NA	
CUST_47983_PI429010886	M78387	0.01991		15	12	148226561	coiled-coil domain-containing protein 93 [Xenopus l		6.33E-30	9.992565	9.611855	9.694084	7.293335	7.96115	NA		12.11941	9.228812	7.36754	NA	8.781809	9.979521	11.28708	11.65277	14.05481	28.9272	8.629296	14.86823	5.231414	7.871072	10.48357	11.89031	8.378893	6.548124	15.37156	8.973721	13.46425	
CUST_34037_PI429010886	M8566	0.01064		12	0					102.1576	95.98918	109.7501	78.93556	60.41389	97.282	66.27543	77.1366	84.1757	112.4033	78.26326	115.3428	86.54045	112.3653	116.6682	128.4226	75.3452	101.5278	91.54224	90.27604	94.47657	101.9359	102.8432	76.73952	124.2716	129.8621	128.5885	
CUST_3947_PI429010886	N15639	0.01064		18	9	402768955	pacifastin heavy chain [Macrobrachium rosenbergii	Transport	4.65E-21	177.9616	593.968	535.1571	185.6237	118.0091	160.7305	350.9859	281.8261	143.8832	448.8586	382.7566	382.8597	356.9822	345.5828	315.8463	137.3083	358.1231	301.0265	453.79	136.4498	244.4592	273.4298	220.511	128.3451	613.2651	252.6253	503.4817	
CUST_29854_PI429010886	N60694	0.01064		12	0					39.19727	41.9571	46.35772	37.27042	39.81145	47.94823	33.51452	30.35236	35.66432	34.71503	31.33759	37.30131	34.2205	40.83264	35.53745	35.39935	73.71157	36.32974	28.7018	28.08839	38.05463	32.78743	23.34144	32.18557	46.82282	35.27881	56.65296	
CUST_659_PI429010886	N6603	0.01066		15	3					784.4175	918.9933	845.2412	714.2963	684.7245	654.4842	669.2807	715.1399	738.859	919.3319	743.1041	834.6224	882.153	936.398	1071.523	1064.349	745.0756	793.0477	718.4589	1156.123	793.3041	1048.763	752.1706	628.1675	927.8138	864.8993	1087.079	
CUST_33895_PI429010886	M8172	0.01068		21	9					10.08763	62.3009	43.28801	91.78258	90.26625	74.38643	101.6806	280.165	254.8048	56.61759	372.7154	529.6585	190.3851	79.74735	131.0034	50.22122	135.6374	44.04837	42.28532	632.4528	305.2258	3.962377	124.6867	68.51154	5.123025	225.1125	162.719	
CUST_11131_PI429010886	N27313	0.01079		21	3					617.9947	1550.226	890.3835	1011.687	974.3808	1156.123	694.3101	794.1984	741.2403	814.5413	410.3497	1338.957	663.5342	684.8725	486.9644	850.2192	299.4458	431.6488	114.1927	394.5293	1039.842	962.8744	125.13	760.0455	1165.064	1436.981	616.2727	
CUST_17969_PI429010886	N35066	0.01080		21	0	321451689	hypothetical protein DAPPUDRAFT_335707 [Daphni	Metabolic process	2.07E-15	93.30066	64.3345	52.32895	59.76845	44.99497	53.76043	63.6301	53.55422	61.49124	75.10926	57.23179	71.07061	69.76759	72.13281	68.6262	53.42416	94.04203	74.52229	50.5001	68.8464	51.2279	65.9253	74.59228	65.9253	51.2279	65.9253		
CUST_49967_PI429010886	M87978	0.01083		15	12					29.05988	20.23489	86.31209	13.57654	12.93585	20.08697	38.81815	160.2968	81.42045	63.02348	22.6112	28.32496	120.2195	153.0835	47.9222	20.68548	88.85357	19.79375	22.41298	21.07965	23.1605	53.9331	82.72689	28.77061	106.6494	13.95252	106.8281	
CUST_50345_PI429010886	M89523	0.01083		15	12					39.36991	24.21798	32.84559	14.05335	16.61483	33.99233	11.3912	25.64589	21.33294	25.09429	34.95466	43.1379	30.31136	29.77206	35.71039	35.05162	22.84941	18.4928	16.10051	23.21852	21.04609	37.36325	19.5463	21.036	28.97255	29.01971	26.96182	
CUST_8432_PI429010886	N23030	0.01083		15	12	405960555	Fanconi anemia group J protein [Crassostrea gigas]	Response to stress	1.35E-21	20.51967	20.8959	7.149572	12.05708	4.287357	14.02288	17.61934	15.79894	22.01914	19.11687	5.695981	22.25206	25.64065	23.22056	24.71374	12.70027	10.95786	19.66703	13.27381	16.33291	9.105658	12.89788	17.33333	25.80044	17.34629	8.956327	20.77162	
CUST_15139_PI429010886	N34068	0.01083		15	12					39.45879	44.84166	57.10423	31.01112	48.39289	46.24589	36.7953	27.58334	36.40199	44.45342	46.9717	47.78664	41.09904	62.96106	45.18256	36.85229	44.93417	49.27786	38.84241	49.39411	44.20422	35.29256	35.59734	44.15772	47.2535	41.75113	51.6678	
CUST_53537_PI429010886	M102158	0.01086		18	9					75.46943	45.37412	68.03939	60.99798	49.07593	34.23756	49.89799	51.93461	72.38234	81.38307	82.67802	60.96666	72.90791	76.60738	50.277	69.9232	55.66641	46.64901	75.30403	71.3655	52.65717	43.45754	63.98224	30.558	67.51475	62.15321	87.59441	
CUST_11719_PI429010886	N28294	0.01096		21	0	545182363	PREDICTED: LOW QUALITY PROTEIN: integrator corr		1.65E-13	41.42947	14.39019	39.60553	18.40232	16.68781	19.59067	29.42101	14.5414	25.00327	26.76517	15.8658	11.09741	11.94752	19.34811	10.38437	16.24815	69.28034	25.09128	20.49048	8.140015	19.95159	31.69618	47.95255	40.53465	29.63867	20.52466	12.19407	
CUST_35096_PI429010886	M11564	0.01103		21	0	91079022	PREDICTED: similar to DnaJ (Hsp40) homolog, subfa	Protein metabolism	6.44E-27	14.52793	17.15146	21.13052	13.82239	15.70949	NA		5.75743	NA	14.74649	10.72561	13.54122	10.23633	9.322057	12.73533	8.954946	14.42999	16.58396	15.44211	11.30336	19.36786	12.43137	12.90472	NA		15.58918	11.92046	6.370435	15.43128	
CUST_9588_PI429010886	N24880	0.01112		18	12	321456662	hypothetical protein DAPPUDRAFT_63727 [Daphnia	Proteolysis

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_52280 |P42900886	M96945	0.01748	15	12						19.36347	13.86795	15.42005	12.06387	11.30106	5.870883	11.57836	7.833526	10.39312	12.93269	17.3225	8.567471	18.16906	18.7709	17.31011	13.21509	7.894781	21.05098	17.05678	19.67357	20.23489	12.6412	12.17905	6.616835	12.8856	30.04719	19.45678
CUST_6716 |P42901886	N20502	0.01748	18	15	117959988	clottable protein [Marsupenaeus japonicus]			1.88E-32	209.2891	246.3068	154.7492	223.5364	159.878	155.4878	109.0299	102.6264	110.9127	268.6359	185.104	208.674	144.6688	159.4972	110.3513	175.39	168.7503	268.588	152.9208	612.4623	141.4128	144.2537	198.6919	127.5355	147.911	145.0637	116.9944
CUST_5040 |P42901886	N21066	0.01748	21	9						340.667	322.703	342.62	237.1653	335.1042	209.531	209.921	367.0658	419.7681	351.4364	354.6259	352.492	409.606	241.925	473.383	335.0556	228.5172	324.287	310.161	290.662	409.4	308.049	188.0	44.9921	432.6511	560.995	
CUST_7809 |P42901886	N22116	0.01749	15	9						25.71698	39.09341	29.61255	20.72239	31.67165	15.65479	25.80821	14.60539	32.14209	34.14111	34.46491	37.6014	31.87279	36.56569	29.49638	42.77863	19.52138	53.1957	21.00534	27.51414	31.13983	27.53501	37.16398	32.13434	40.98995	47.77531	36.25859
CUST_7250 |P42901886	N21262	0.01753	21	9	291229644	PREDICTED: SOrbitol DeHydrogenase family membe	Metabolic process	Oxidation-reduction process	2.01E-71	50.19147	40.17403	58.28332	70.94036	100.8686	44.29926	57.39701	218.5606	155.3131	70.5402	154.5663	205.392	140.8976	68.52038	94.68098	46.89105	63.52784	47.02813	113.0567	393.4936	113.0325	66.3431	45.72037	55.55874	52.5224	105.7587	107.409	
CUST_13357 |P42901886	N31050	0.01755	15	9	282403505	fumble isoform 2 [Tribolium castaneum]	Metabolic process	Cellular amino acid metabolic process	3.85E-49	9.288423	15.036	13.0208	14.10202	13.03592	5.409501	18.41753	16.97468	9.318343	18.76711	20.54194	18.56257	11.85185	16.13721	10.22803	15.25738	9.577239	12.01567	15.78237	22.39477	11.27882	7.675832	7.989468	14.61408	11.29639	9.273731	12.73078	
CUST_25106 |P42901886	N51792	0.01755	18	3						7.58227	4.993679	9.528362	18.0732	16.11003	16.23539	12.50339	16.37668	15.62192	6.327324	13.64729	14.79313	7.974486	13.56063	8.120251	6.723673	12.06387	14.47659	15.26731	7.387333	10.60724	9.055842	17.34415	14.68971	14.85935	11.88743	16.23324	
CUST_22146 |P42901886	N46514	0.01759	22	3						201.085	189.1715	112.8118	176.3863	208.39	207.1617	202.7794	192.586	216.3391	113.8702	172.0048	141.8325	200.5697	261.2747	242.1436	317.6987	190.9462	233.6523	236.2204	275.547	170.6697	163.5913	170.0985	104.0004	219.9262	162.6994	183.4917	
CUST_1199 |P42901886	N8812	0.01759	12	9						11.85185	16.0073	13.5897	5.112535	10.50787	9.267069	13.13632	7.063727	9.665421	21.64092	11.63473	25.50611	11.62851	11.46096	22.71614	18.21746	7.266326	11.12353	16.0983	13.19962	13.58003	21.19908	13.11618	16.7444	15.65642	10.41346	13.50761	
CUST_36534 |P42901886	M16163	0.01754	24	3	270004403	hypothetical protein TcasGA2_TC003754 [Tribolium	Signal transduction	Other	2.15E-76	20.83003	15.42195	17.27141	12.54513	25.95987	15.7577	17.69032	22.70929	6.230319	18.78315	9.490926	8.812213	17.73142	15.48139	8.2512	12.59383	4.365387	15.55534	7.17066	8.496964	5.426116	9.017882	13.0523	13.63622	15.58555	8.796716	15.37508	
CUST_20436 |P42901886	N43432	0.01754	24	21						35.19889	126.7437	43.33061	54.95061	21.44277	24.13249	15.21234	13.18436	28.37529	48.69863	61.2083	16.25623	30.59469	92.04256	62.62111	102.6011	4.743067	21.7873	34.80653	108.0345	67.27473	117.4327	80.07884	32.79034	72.16939	64.23886	46.6	
CUST_30391 |P42901886	N61781	0.01754	21	12	157129622	hypothetical protein AaeL_AAEL011552 [Aedes aeg			1.12E-18	12.71344	9.031084	16.01839	10.79319	11.80809	4.752288	6.632723	7.689251	11.22853	9.492295	13.30659	14.67308	9.389836	9.775801	16.72995	10.67448	9.915982	16.63144	15.02774	6.201123	19.83923	13.42609	27.92219	33.99233	16.25623	15.85862	7.189683	
CUST_14183 |P42901886	N32448	0.01754	24	0						20.10327	52.58792	28.7982	23.89642	28.58102	19.99051	22.26367	27.43563	NA	18.22532	11.4538	7.694991	7.43529	11.34865	6.953549	14.39423	22.19008	9.915982	25.8104	5.130091	NA	19.12864	12.30553	9.017882	25.21131	NA	8.894586	
CUST_55243 |P42901886	M109269	0.01754	13	0						1368.903	1969.415	1590.414	1444.613	1287.066	1382.607	1281.734	1319.603	1382.607	1670.981	1434.403	1913.282	1481.201	1968.333	2075.258	1856.885	1393.263	1544.651	1489.438	1601.013	1310.544	1781.492	1563.475	1534.856	1975.879	1524.206	1917.136	
CUST_3853 |P42901886	N15407	0.01754	13	6						225.5174	189.144	267.4607	273.965	178.3086	222.7049	183.4397	192.7273	232.9495	274.1119	267.4223	385.2863	190.5574	393.4936	421.7857	274.0115	258.3105	298.1939	194.9822	227.3812	204.9855	328.4337	244.3511	222.7049	468.2572	257.3603	342.6916	
CUST_7158 |P42901886	N21123	0.01753	15	9	345484364	PREDICTED: DNA-directed RNA polymerase I subuni	Nucleic acid metabolism	Transcription, DNA-dependent	5.43E-20	81.42045	81.04828	86.67105	52.63886	67.71039	56.40373	68.48249	82.73488	80.55811	86.67105	82.02402	81.67574	74.22065	100.6811	66.37927	88.51347	86.28429	69.20227	60.98516	78.89557	61.76631	80.66968	71.48709	81.72278	69.08039	71.83981	118.5634	
CUST_14711 |P42901886	N33335	0.01751	18	6						106.4989	72.10026	76.06574	88.3593	110.2618	123.9272	229.4529	130.6585	179.8682	151.0563	78.37536	93.97578	125.8598	184.6172	114.2091	150.3004	92.03214	141.1131	162.3309	87.5248	169.9973	107.9401	127.001	80.83362	236.9573	238.9663	198.8064	
CUST_3630 |P42901886	N14921	0.01759	15	12	67083873	pre-mRNA splicing factor SF3b 10 kDa subunit [Ixod			5.55E-35	302.0506	311.8189	299.837	235.5325	307.1296	239.2906	265.6599	183.4397	291.8279	337.6237	280.5129	367.3426	309.9578	328.9809	201.1997	316.122	303.6686	306.6802	301.291	232.3526	261.0269	280.8226	229.4529	218.1069	317.3817	292.413	289.7899	
CUST_38073 |P42901886	M23205	0.01758	18	12	223588323	anti-lipopolysaccharide factor 2 [Marsupenaeus jap			3.2E-25	142.8955	129.8621	34.16228	25.86025	68.09027	50.59331	122.7676	63.3033	184.0938	191.3918	59.90035	320.5083	238.7409	195.4236	119.7645	95.18251	84.32383	93.47603	286.6201	20.97422	156.8398	59.34665	62.95412	72.11758	76.49245	49.89799	168.1346	
CUST_11420 |P42901886	N27776	0.01760	9	24						385.9721	397.525	307.9665	331.3738	291.5938	317.6987	272.8585	276.1481	288.1636	394.6245	340.3246	349.4134	344.5306	376.1768	381.6649	501.3373	342.4231	385.8062	322.5056	399.0919	331.1092	459.7686	312.7398	299.5774	427.4471	361.4417	332.964	
CUST_299 |P42901886	N3697	0.01760	21	9	321465515	hypothetical protein DAPPUDRAFT_213935 [Daphni	Metabolic process	Cellular amino acid metabolic process	5.57E-32	356.3531	322.0841	408.5798	246.5795	216.6058	200.3064	233.484	310.0283	284.7868	318.7622	331.4917	404.8823	319.2639	326.2204	332.964	348.7613	245.0768	248.1215	230.36	286.0749	236.613	300.5238	331.7667	300.0603	286.6682	248.3342	362.5859	
CUST_6937 |P42901886	N20804	0.01767	22	3						8.405253	35.51693	13.77621	68.68381	129.3157	39.08137	44.83381	326.0308	191.886	43.97029	396.2899	430.7898	207.2391	32.21966	87.49111	9.748744	91.27168	NA	53.57479	679.9331	267.2735	9.845679	61.65538	39.61621	11.86639	11.4498	191.0009	
CUST_45949 |P42901886	M70845	0.01765	18	15						19.46629	30.54779	15.38835	14.04854	15.30965	22.13024	18.58096	15.66989	13.92624	33.96314	22.01737	25.17015	15.5721	17.11186	13.34357	40.4721	27.02172	30.54342	15.79894	48.71321	29.93088	26.49815	9.524556	23.86269	22.0504	9.863022	10.29115	
CUST_52444 |P42901886	M97467	0.01766	15	9						16.27976	15.40382	8.820463	8.543285	11.33312	14.67473	9.73488	20.98763	18.24285	NA	21.3985	27.67518	19.49405	14.89292	17.79403	22.94962	15.88699	17.62699	20.859	16.61483	9.972812	23.57785	10.68037	14.65365	19.74451	NA	23.95732	
CUST_918 |P42901886	N7824	0.01674	21	9	390364315	PREDICTED: poly(U)-specific endoribonuclease-like	Signal transduction	Other	6.29E-50	8.56209	1205.667	492.7259	1272.526	1271.51	464.7526	788.8563	3493.781	2558.435	1055.576	4368.248	6289.971	2244.992	598.8088	1652.112	NA	1298.051	NA	450.2983	11816.95	3172.097	9.949298	902.5128	681.7268	10.55129	2324.619	2939.878	
CUST_34320 |P42901886	M9318	0.01682	18	15	242017663	anaphase-promoting complex subunit, putative [Pe	Protein metabolism	Proteolysis	3.5E-41	53.80851	57.3007	45.58039	43.90905	33.65009	29.65544	41.78277	47.29592	42.48584	64.77051	41.18311	55.05355	46.7059	42.11724	46.16699	59.04714	56.72941	48.5992	62.39032	36.46662	46.8066	43.57431	37.43361	38.51713	70.04597	56.41396	41.97898	
CUST_54935 |P42901886	M108205	0.01691	15	0				Metabolic process		452.716	510.9063	696.1501	480.2626	624.13	882.8865	238.6573	161.827	310.5967	509.0016	628.8832	659.0457	164.5164	424.6374	380.8862	512.2788	574.2435	748.4841	364.2104	424.6374	478.7395	357.7936	356.6027	413.2538	606.4913	452.716	562.6249	
CUST_35093 |P42901886	M11556	0.01691	21	9						24.38309	19.51691	22.46339	14.18148	18.50256	13.86795	19.10864	24.6789	21.98819	20.60841	17.69032	30.11515	20.42397	20.74508	20.34669	33.00184	26.62834	19.51691	16.4962	21.7799	17.89329	23.99602	23.44768	15.57429	32.61136	25.55311	28.10273	
CUST_14233 |P42901886	N32541	0.01691	9	9	392340849	PREDICTED: zinc finger protein 888-like [Rattus nor			3.8E-31	31.17481	32.05062	30.45027	8.500792	27.54224	24.02788	19.676	25.95233	29.8401	36.50859	38.76201	30.23123	27.13598	25.63451	30.30845	39.3477	14.17556	37.58201	19.97907	26.45134	26.2903	44.55872	27.43923	21.98126	39.44223	30.5127	37.12271	
CUST_44477 |P42901886	M66020	0.01679	21	18						39.55173	18.84701	22.48589	7.787579	22.33422	15.67763	37.29408	11.93292	21.4174	40.39881	37.21745	17.91994	35.39935	24.62608	12.18164	43.95633	54.91034	15.01318	68.08702	51.24109	46.68828	44.60606	34.71503	19.5174	34.7152	26.9152	
CUST_48524 |P42901886	M80801	0.01774	24	21						144.3428	151.4536	186.0312	161.4808	149.9961	148.0647	140.9164	147.2113	147.6505	183.8217	125.0614	220.6157	127.7879	201.6148	177.2677	187.9811	161.6167	238.0396	157.4172	172.1642	150.3647	220.1734	205.6287	200.108	192.7273	156.2584	182.3659	
CUST_34491 |P42901886	M9826	0.01774	24	18	537079664	zinc finger protein, partial [Cricetulus griseus]			4.33E-45	58.8975	85.09002	84.08227	57.54706	67.01506	54.5396	67.11047	62.406	79.93349	50.70831	78.02809	114.3333	68.09627	92.77688	72.84986	90.21463	77.6254	88.07214	94.61126	129.1185	81.5806	111.812	80.91461	52.645	88.49089	87.83251	83.30915	
CUST_18595 |P42901886	N40075	0.01753	15	0						49.49452	43.59959	24.50538	23.51614	23.08011	42.58462	23.99379	15.14895	20.59992	31.43005	30.05351	22.17314	19.04367	18.30186	32.30335	39.05183	36.387	31.67438	29.77528	41.02447	38.92288	28.22595	29.23595	15.69662	34.46151	32.75095	32.2878	
CUST_6599 |P42901886	N20330	0.01763	18	15	242011385	conserved hypothetical protein [Pediculus humanu			5.14E-37	27.99024	33.3136	32.59218	19.41296	20.28061	14.61408	26.43705	23.86269	27.37091	31.95131	29.23595	31.29367	27.15098	16.81632	25.36437	25.01145	27.56341	39.36991	28.60108	40.38558	19.16559	22.76479	23.27942	16.51607	26.77723	29.14509	20.29574	
CUST_42938 |P42901886	M61668	0.01764	24	18						9.102009	7.799519	10.39491	4.552819	4.839971	NA	5.573433	7.869843	5.86895	NA	7.467895	12.84324	8.163573	7.781741	16.63365	9.717046	8.542736	8.29257	10.30907	8.974986	NA	6.577338	11.4768	NA	15.08925	NA	5.538908	
CUST_6679 |P42901886	N20451	0.01777	15	0	405950372	Histone-lysine N-methyltransferase PRDM9 [Crasso			5.65E-58	23.32806	16.73527	NA	17.13916	16.72995	14.39261	7.990456	7.719905	9.851879	15.71246	14.31543	13.98209	14.17556	9.243743	10.05309	18.29753	14.56514	10.49992	9.661698	11.96331	17.32049	14.84745	7.82601	8.70488	15.036	NA	12.57101	
CUST_7190 |P42901886	N21173	0.01797	21	12	403331926	hypothetical protein OXYTRI_14913 [Oxytricha trifa			2.22E-10	9.445353	14.48109	9.061963	7.63023	14.27247	NA	11.73913	29.42815	37.15259	18.76152	26.95518	32.94969	37.75935	19.34225	30.75644	7.889109	17.35176	28.20989	11.14656	82.74334	46.00056	3.378954	19.64187	7.665956	4.936158	35.73798	30.73521	
CUST_41606 |P42901886	M58128	0.01811	21	3						165.5416	65.83727	156.3748	198.6919	159.1135	353.1722	224.1873	189.0068	106.3333	139.9664	134.3863	85.89616	105.322	130.9454	54.2941	50.46685	390.5304	171.6223	87.25084	51.4872	108.9165	99.69352	132.7049	227.3449	196.032	191.5917	133.3318	
CUST_48102 |P42901886	M78890	0.01811	24	18						70.64745	74.32582	72.18474	58.76571	67.41072	64.25402	52.04647	57.48318	73.78486	72.98413	71.95612	95.23078	67.28983	66.32011	73.35296	82.26332	60.89775	77.80891	84.76204	85.29111	76.36771	64.50807	80.37038	71.96795	83.39175	61.13394	82.93626	
CUST_34992 |P42901886	M10787	0.01778	22	12	328717649	PREDICTED: Y+L amino acid transporter 2-like isofor	Transport	Ion transport	8.25E-27	12.22221	13.28604	9.559604	14.31222	9.510155	16.0514	NA	15.25233	7.324098	17.4103	10.97186	16.28372	19.78599	23.4129	22.72795	9.754482	17.26026	16.09333	16.04763	18.01377	9.742486	16.26826	11.83933	14.65736	17.97979	16.59828	24.46354	
CUST_36548 |P42901886	M16206	0.01876	15	9	223673192	Salmo salar clone sval-rgh-519-317 Ubiquitin-conjug	Cellular Process	Cell cycle	2.53E-71	289.9742	345.9305	310.7127	360.1952	358.4083	320.0372	302.7759	400.5132	386.742	384.4603	453.8761	510.3855	390.2131	419.7481	363.8764	373.6035	270.5265	277.7527	359.57	541.4466	326.5696	432.3349	261.5579	281.9234	395.2528	378.5438	393.405	
CUST_34947 |P42901886	M11140	0.01881	18	9						57.99026	48.32558	92.96667	42.77108	50.26445	45.83381	31.82901	87.46258	98.82662	79.03234	96.4587	106.1639	58.22303	69.58233	87.68861	94.33627	45.01588	54.24943	53.36598	112.6761	65.13839	57.62563	60.37722	40.53866	51.5653	97.87109	77.66626	
CUST_34167 |P42901886	M8933	0.01893	21	15						616.9292	752.803	568.2036	614.3849	566.7662	541.8489	495.2283	497.6528	444.4951	777.7644	598.9907	625.9634	514.8406	665.6609	529.2101	785.2299	702.4802	636.6917	682.2742	665.035	558.7985	841.4264	489.338	553.7439	1004.987	518.2235	567.9112	
CUST_21856 |P42901886	N45981	0.01895	15	3						135.8973	119.508	120.8052	172.7143	190.9766	312.4226	228.9161	201.8347	153.3961	162.6527	189.2921	120.8052	147.0019	113.475	119.8572	104.6528	320.5083	182.6771	226.5808	137.2699	247.2726	140.3976	202.4041	247.7794	145.899	183.266	127.3371	
CUST_22623 |P42901886	N47347	0.01896	12	0						173.0247	204.7885	205.909	188.2993	166.3529	136.3926	128.4226	149.5538	165.1224	192.39	161.7557	185.414	190.8837	249.1725	218.2859	197.44	180.3315	219.3834	148.8666	247.8745	181.0372	209.9951	206.9171	171.4068	278.397	206.9171	219.3834	
CUST_30022 |P42901886	N61021	0.01903	21	18						73.16394	106.8281	76.17525	59.59632	67.7681	69.69905	50.84005	47.01793	55.48994	93.2268	68.82274	71.87825	64.6187	65.03148	48.89187	111.1756	60.10166	71.6044	81.78469	91.07591	70.21778	75.12567	66.39938	63.08199	108.8762	62.11683	65.11259	
CUST_34688 |P42901886	M10348	0.01925	15	9	75022291	RecName: Full=Oplophorus-luciferin 2-monooxygen			7.95E-36	183.7194	252.4045	339.8879	293.3716	392.2104	196.7297	406.3292	863.4186	828.5874	319.2197	615.3731	790.7325	691.1905	388.5645	461.5523	190.6724	254.7626	219.1432	312.4689	1271.998	454.0927	342.6916	370.6555	235.5779	289.131	672.763	737.7582	
CUST_56469 |P42901886	M113878	0.01946	24	21						82.26332	94.27998	89.50659	103.9666	80.37733	82.23746	84.38957	75.45183	63.13278	96.32091	69.05841	108.0902	95.09391	101.0858	83.76139	85.00815	79.09571	88.04251	114.165	71.62646	86.32314	117.1631	108.7243	107.1382	91.23322	116.5651	98.59007	
CUST_12239 |P42901886	M19241	0.01946	21	12						158.0759	159.5474	230.1758	91.50805	101.0126	95.47811	112.4908	109.5173	116.2211	189.6625	141.0429	124.3334	123.0707	161.0097	125.6016	139.47	210.1387	160.2916	182.0452	254.2697	116.2117	239.1082	116.2117	239.1082		
CUST_49898 |P42901886	M87657	0.01954	24	0						93.75113	108.7588	107.6007	99.97208	72.71237	70.35427	92.19432	76.40353	76.00655	76.23608	63.95336	82.11078	57.96698	75.7764	81.0784	95.45887	68.92299	89.49881	70.87083	56.86246	98.50813	102.6905	78.07938	79.47713	89.47031	98.68398	84.20531	
CUST_28714 |P42901886	N58477	0.01954	24	9						52.22471	44.9603	57.03251	23.83176	26.53218	27.16436	30.21934	48.22578	40.59153	32.7846	44.73597	27.72962	27.30026	29.02946	16.46028	35.20829	47.95255	29.62583	42.96262	52.31892	29.68097	46.20496	45.3118	29.9971	37.13804	44.90024	49.49037	
CUST_44831 |P42901886	M67137	0.01961	21	3	443690866	hypothetical protein CAPTEDRAFT_204931 [Capitell			7.37E-26	15.66178	30.71736	22.15408	44.1334	30.39192	31.86571	26.68081	12.20426	19.72601	16.37493	7.923943	14.89135	9.060793	20.62099	19.00616	19.17918	NA	25.35894	11.73206	8.238355	22.63247	27.19369	18.5156	13.52004	36.87107	30.80438	12.46111		
CUST_49633 |P42901886	M86465	0.01966	15	3	291235783	PREDICTED: galactose-3-O-sulfotransferase 1-like	Metabolic process	Lipid metabolic process	8.07E-13	34.54086	33.59767	7.23801	81.57207	50.70831	35.63135	37.92604	3.791006	32.42542	21.06491	5.956873	19.91373	25.57234	25.82998	55.08741	34.84989	NA	40.16678	NA	61.87735	13.49109	92.55609	12.35021	62.43234	13.14806	5.274791	9.485366	
CUST_10217 |P42901886	N25891	0.01969	24	15						128.1244	167.3634	138.6217	86.24828	129.2544	138.2244	112.4193	140.3976	159.3003	176.94	147.9354	202.6087	137.2919	183.528	172.6317	204.0225	151.5005	191.7619	162.2752	182.2299	171.784	184.9236	136.2923	169.814	176.1138	128.1595	210.2883	
CUST_8073 |P42901886	N22500	0.01981	15	6	478258829	hypothetical protein YQE_04700, partial [Dendroct	Cellular Process	Cell proliferation	8.39E-24	51.03287	61.12299	57.16741	89.43652	61.48326	41.10188	88.11918	103.2771	83.03102	75.13415	62.04074	99.2772	62.48029	62.36898	66.96201	92.28356	44.05203	62.06295	64.77801	34.73053	68.56896	87.02844	78.65203	69.17707	72.96725	57.45413	88.95458	
CUST_35770 |P42901886	M13463	0.01804	15	3						905.952	652.2033	721.3883	795.1421	779.7877	1338.117	972.4433	736.3462	464.4064	431.462	661.3119	453.0933	640.4514	457.3191	617.1846	727.1859	1183.341	990.9102	1265.003	499.4614	700.0017	535.9164	663.5689	894.2724	463.4816	958.279	460.7596	
CUST_1535 |P42901886	N9969	0.01817	21	0						97.30444	81.98334	94.70207	32.46691	71.91814	130.1545	63.03943	75.17352	38.16824	58.02431	76.24971	42.47769	61.99224	41.17869	62.5636	73.03522	104.8909	113.2085	97.6483	77.89081	76.45771	71.74241	98.94163	170.317	51.83037	96.08349	56.69148	
CUST_3224 |P42901886	N7426	0.01817	21	9	85677399	pigment-dispersing hormone 3 [Marsupenaeus japo	Signal transduction	Other	3.42E-07	51.63758	14.60389	105.3783	42.53014	65.75051	71.45222	32.02169	28.86885	68.91937	19.689	39.44972	22.25913	12.76972	52.24503	27.99312	81.64427	19.78962	12.67897	9.742486	9.742486	47.93936	9.742486	9.742486	9.742486	9.742486	9.742486	9.742486	
CUST_46516 |P42901886	M72875	0.01827	24	15						7.592295	8.997185	4.250272	8.830666	8.59214	7.173073	13.43047	8.855559	8.625409	9.714422	NA	6.387554	9.720983	NA	5.267619	20.88122	13.40406	13.75707	6.914807	4.698051	10.66649	10.38575	6.362315	15.95746	5.710989	3.77223	8.051681	
CUST_37339 |P42901886	M18693	0.01881	24	0	9367086	Euphausia superba large subunit ribosomal RNA ger	Metabolic process	Generation of precursor metabolites and energy		88771.33	99042.74	90253.54	99042.74	91360.38	72295.32	95014.94	89222.73	96143.7	90253.54	90794.74	55642.21	85436.14	82404.75	40986.13	56627.52	80636.04	71869.37	88771.33	95621.16	88771.33	47937.32	81077.7	89222.73	84866.33	96143.7	96143.7	
CUST_16460 |P42901886	N36270	0.01812	12	0						24.16344	20.41093	17.88028	14.76986	12.29489	18.38014	10.77657	11.12791	15.28371	19.69856	9.253041	17.73598	21.08802	19.72906	20.96593	25.56608	17.87105	16.8666	9.522138	12.96601	10.27804	13.15835	19.51691	14.10082	12.65013	9.915982	17.06111	
CUST_38459 |P42901886	M26950	0.01846	18	6						37.09799	37.72421	41.8496	22.98966	28.22595	47.39274	66.52424	282.8614	52.85888	21.32406	47.90583	45.67726	25.09128	57.09554	12.64389	23.565	27.60836	35.24075	53.64846	25.15936	68.47784	28.79502	56.87008	98.43882	48.98425	51.73011	69.13832	
CUST_56458 |P42901886	M113843	0.01848	12	3						73.86349	77.07852	36.57353	93.77397	81.29483	76.64595	79.67757	56.09789	49.17946	55.96041	80.62509	65.28922	59.6416	47.37598	43.71768	70.7847	69.43885	77.47192	72.98413	63.07552	71.72159	81.48802	56.70973	56.55039	52.85191	53.99181	35.53033	
CUST_48725 |P42901886	M81866	0.01848	18	3						24.86718	21.10225	19.05954	36.02623	31.43244	43.05396	26.70117	24.26118	15.65092	23.04508	28.50232	15.1736	21.94699	19.7129	20.26494	18.59923	32.86117	24.72089	46.42845	23.40412	38.86122	21.30062	13.88928	16.02537	14.49586	29.66445	13.77121	
CUST_20754 |P42901886	N44001	0.01853	24	21						26.24303

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_24170_PI429010886	NS0160	0.018747	24	18						8.29527	35.03522	50.76541	16.21863	29.83725	17.85771	31.52203	30.43159	20.51687	45.90172	33.29815	51.05482	36.387	67.89063	41.70336	60.57719	54.80426	12.45773	31.00505	90.28628	46.66745	31.36927	64.77051	19.28039	65.9729	25.04386	60.5947
CUST_43873_PI429010886	M64207	0.018749	15	6			Metabolic process	Carbohydrate metabolic process		NA	20.68333	14.96269	108.8513	69.24723	59.98068	42.39985	394.3244	310.2726	29.24532	207.853	264.7596	35.21995	42.44469	29.5179	NA	14.72582	NA	14.44838	203.2991	291.8868	NA	101.7859	80.75638	NA	274.7936	51.65313
CUST_39611_PI429010886	M41753	0.018772	12	0						17.42213	23.97713	16.29894	15.76192	17.90404	10.89022	11.77319	12.28582	9.981072	28.85946	17.49801	26.04672	19.29593	19.45678	14.69352	22.81381	13.57199	14.04977	15.7577	12.74947	16.77093	17.38464	14.13431	10.18774	21.89788	23.90131	23.80724
CUST_24414_PI429010886	NS0582	0.018778	24	9						710.22	1197.011	1181.018	752.3295	666.8781	852.6077	1020.69	918.9933	1073.527	1270.943	897.1177	1412.004	860.82	1186.768	913.0418	1216.97	447.8279	751.781	558.0588	494.6999	747.636	1219.823	701.1457	382.663	793.0472	588.8612	883.3994
CUST_48122_PI429010886	M78981	0.01879	24	21						8.282005	7.565304	17.46064	4.192346	3.951927	13.12407	3.580954	NA	6.068824	NA	6.207162	4.448023	4.354588	3.459769	4.942301	7.598655	5.97707	22.53631	NA	NA	10.12787	8.680488	10.32671	9.650569	8.10577	NA	10.87355
CUST_34898_PI429010886	M11020	0.018794	21	0	332022382	Anaphase-promoting complex subunit 5 [Acromyrm			3.58E-17	83.74259	69.26327	98.23281	55.26178	59.33007	54.96916	49.688	62.65132	55.30305	81.35601	57.256	80.63305	64.83984	56.19324	50.42448	69.40293	62.66858	63.61419	69.28978	70.77093	71.34779	78.93556	66.33339	64.31079	70.88181	45.46745	65.40248
CUST_35363_PI429010886	M12380	0.018796	12	3						30.45779	47.67821	31.15588	66.09773	50.19147	71.65614	35.96518	54.69269	32.90861	34.22484	30.9722	41.26402	47.2535	35.18059	33.49626	44.84989	52.55217	54.69881	46.41914	49.01378	48.50046	49.9806	28.94785	44.64991	38.34742	65.11921	40.36236
CUST_30894_PI429010886	M135	0.018796	12	3						51.0383	35.73798	52.70775	52.76535	42.77108	72.28479	58.09597	36.80914	51.81515	36.5984	45.46228	23.64962	30.43159	41.81244	41.8585	50.48246	61.51764	58.86655	56.55039	33.80016	50.48761	38.50305	43.11747	39.78059	41.79247	37.04426	40.84912
CUST_2336_PI429010886	N12130	0.018796	12	3						249.9317	61.45704	181.8579	382.7566	158.91	786.1873	219.715	364.2104	119.1476	50.19147	172.4652	44.51031	173.6967	77.51881	115.8883	200261.3	521.963	402.5662	569.1252	47.11037	127.8639	65.38596	162.8992	323.2711	58.76571	330.4301	48.67019
CUST_909_PI429010886	N7786	0.018796	12	3	321460066	hypothetical protein DAPPUDRAFT_112094 [Daphni			8.92E-16	1950.603	1478.287	467.665	5539.858	2543.989	7794.866	2520.419	1453.962	1550.226	125.7351	975.9966	103.2892	1828.604	1197.011	2182.975	2211.182	3103.161	4415.4	994.0668	477.2259	1544.651	2214.33	1128.352	4847.521	495.8952	2638.062	41.15368
CUST_11736_PI429010886	N28326	0.018843	21	12	157124198	papilin [Aedes aegypti] >gi|108874079|gb|EAT383			1.18E-55	57.24358	77.15161	79.11601	68.71451	89.65503	61.74634	100.5554	85.21423	92.45305	105.8252	97.79572	90.93451	92.25373	110.2618	86.6967	80.77462	97.68675	49.688	129.357	116.6057	77.23965	47.67821	90.15151	78.37536	86.08273	78.75847	99.09557
CUST_17986_PI429010886	M38955	0.01884	21	15						481.413	465.1151	386.3769	290.4297	384.5478	326.1708	280.5674	277.8925	239.1179	434.0155	379.6269	432.1375	266.851	326.0308	355.6114	544.2536	506.3576	420.8347	422.5155	421.3888	320.9666	457.4348	337.2385	358.4083	555.454	330.6772	368.397
CUST_56241_PI429010886	M113241	0.018862	12	0						1112.064	811.9464	527.7394	438.9413	263.3865	140.1704	532.3882	523.4011	331.8685	2555.115	690.4518	1580.29	1081.105	750.8373	1090.456	471.8606	246.9496	355.5348	890.6855	587.2428	681.5488	1361.981	351.8276	424.3711	137.9332	845.2412	2282.54
CUST_40424_PI429010886	M55047	0.018879	24	18						891.3926	1364.868	1134.542	1128.807	1023.799	941.2341	842.6525	721.8143	791.8244	897.9401	1057.689	1999.641	1277.111	1248.908	1749.353	2159.598	757.8647	1223.726	1251.807	1758.855	1255.497	1422.832	1065.529	1210.833	1308.744	1546.55	1518.655
CUST_47098_PI429010886	M74785	0.018879	24	18	270010451	hypothetical protein TcasGA2_TC009846 [Tribolium			1.76E-25	17.61362	29.76053	21.72163	17.83843	26.81319	19.28099	20.22094	8.230173	18.69493	21.32116	22.75029	29.57766	17.39698	21.27079	25.01801	24.55823	26.79307	22.0053	23.04785	32.29627	27.62424	31.40893	24.99108	19.81878	23.19661	19.81178	23.531
CUST_34007_PI429010886	M8491	0.018907	21	9						438.2102	550.6217	515.4056	346.3085	725.0021	690.6945	513.4234	464.3001	701.8561	2050.871	588.4339	1202.334	793.3041	1096.765	647.3023	1129.308	504.6329	756.9801	695.332	205.5305	580.436	489.1062	523.5388	445.6175	383.4448	631.2945	1037.274
CUST_23919_PI429010886	N49700	0.018914	15	12						20.83504	22.89626	34.37569	15.28107	12.71188	6.905105	19.66703	35.61182	23.83766	31.28349	20.26494	21.16716	21.52428	33.57754	22.19942	25.28193	11.89374	9.277187	20.25895	12.91494	19.24611	20.72678	25.57573	NA		30.91161	20.72678	28.45405
CUST_36036_PI429010886	M14380	0.018919	15	0						131.9637	138.8541	117.487	115.0894	109.7371	94.18675	107.5704	97.63395	84.04395	126.9651	85.67865	86.49079	107.9401	103.397	94.18675	147.341	117.5373	112.609	114.4836	94.23139	83.0149	119.4271	77.03965	92.46177	127.7879	87.91683	75.17352
CUST_43464_PI429010886	M63127	0.018927	15	12						134.5033	145.1631	154.4419	117.3985	127.7612	94.76564	105.6827	131.4266	124.1861	168.0487	123.349	136.9776	159.2768	179.5033	141.1131	155.9986	146.5035	145.9616	134.4036	142.6543	172.1063	189.144	135.3397	113.0325	191.9895	141.6867	140.1157
CUST_35500_PI429010886	M12728	0.018932	15	12	260813390	hypothetical protein BRAFLDRAFT_103418 [Branchi			1.78E-38	172.0275	193.8995	196.359	149.7495	140.8068	134.6396	142.6543	154.8105	157.3603	205.909	151.5629	172.1063	158.6525	201.008	206.3065	223.0503	148.2477	204.8186	198.7421	168.5577	138.8211	203.7035	148.196	162.473	156.6593	165.2432	176.2225
CUST_43137_PI429010886	M62169	0.018935	21	12	66524904	PREDICTED: membrane-associated protein Hem [Ap			4.55E-57	102.205	77.39915	87.67204	75.87721	70.23023	84.57831	89.49881	97.47845	85.72992	87.84073	78.58831	86.59518	90.09804	106.872	94.85349	100.0727	73.59863	88.94052	88.4462	85.75328	87.20925	92.50739	80.46995	66.78152	94.20676	72.96735	84.70201
CUST_29928_PI429010886	M87776	0.018976	21	0						347.4375	387.589	428.9575	260.9776	239.9876	272.5517	242.8565	306.3807	261.922	329.4092	238.4857	253.0671	312.5243	379.0179	377.1372	393.4936	302.7176	329.9108	386.9449	321.753	281.735	408.1197	331.6649	314.8071	362.1966	258.0303	407.1114
CUST_799_PI429010886	N7359	0.018986	12	0						212.7113	230.36	273.4925	183.6032	205.2623	262.8518	185.9766	223.377	186.2287	261.922	216.6058	299.285	250.036	301.4214	226.4554	269.5764	212.1377	234.7048	184.5783	209.8989	254.9116	235.0953	230.4843	226.5808	264.9246	270.3119	285.8071
CUST_32292_PI429010886	M3709	0.01899	15	0						658.8544	733.1697	NA	1485.346	353.4537	431.93	746.1542	NA	839.8931	5.327653	4.143787	3.754246	308.2627	79.14043	548.077	505.7885	NA	454.2849	NA	28.60828	5.950176	236.8954	5.777163	247.4184	104.1985	NA	
CUST_45454_PI429010886	M69161	0.018997	15	3						729.346	127.8287	831.7121	3425.229	19773.16	11001.7	17482.08	1759.978	245.2402	44.42567	24707.51	8.657735	204.6898	123.6853	147.523	9.796108	24175.16	6042.693	31801.7	NA	26343.04	22.46932	20926.24	28378.02	80.70446	1771.34	13.78911
CUST_52730_PI429010886	M98691	0.018997	9	0						175.39	148.9131	1837.915	10.05433	11.31627	NA	532.9396	2951.483	2988.348	2222.703	717.957	1135.995	2284.352	6863.631	2805.418	365.0271	1507.459	144.5986	361.2861	1721.92	172.2354	5113.292	4116.427	80.68886	5980.233	731.4443	5105.143
CUST_8108_PI429010886	N22547	0.018997	21	15	241998974	conserved hypothetical protein [Ixodes scapularis] >			3.86E-31	16.70546	25.51149	26.83276	15.08742	17.04499	26.80106	17.95097	18.40232	26.49815	22.10673	27.78747	28.55766	21.94847	34.00581	30.02625	30.37645	21.28517	61.45036	22.63948	48.87456	20.50176	29.62583	22.30272	28.84855	26.05696	17.51574	21.71424
CUST_2599_PI429010886	N12731	0.019003	24	18	345483293	PREDICTED: LOW QUALITY PROTEIN: myosin-IIIa [Ni				1912.382	1921.833	1392.18	1168.631	1474.825	1669.785	1063.638	954.6687	985.3973	2024.906	1516.22	1685.531	803.077	1550.226	1485.346	2112.767	1682.988	1932.967	1689.395	2331.325	1724.056	1809.996	1323.469	1598.927	2351.436	1338.953	1990.565
CUST_49492_PI429010886	M85858	0.019007	12	3						264.8881	768.2695	17.2249	1412.634	702.7008	391.7449	574.8968	38.98332	349.1356	26.42807	31.59756	7.266326	127.5221	96.4587	275.6931	1076.944	67.12072	561.9199	48.05852	77.47192	24.24502	815.8741	5.103744	257.9765	323.0511	52.28302	32.42452
CUST_41180_PI429010886	N16179	0.019007	12	3						145.1427	59.86271	27.05759	155.8809	105.4208	249.424	147.895	144.3925	99.94463	24.0422	33.38385	62.97211	90.17193	57.21451	102.9204	140.3128	188.0847	146.3045	126.3916	31.01397	132.5151	73.83746	56.88203	69.3956	51.37925	108.2468	38.19514
CUST_10323_PI429010886	N26059	0.019007	12	3						680.9808	778.015	661.3119	897.9401	622.9374	943.689	861.1597	600.7483	844.642	296.3167	530.8519	632.6214	636.3168	700.208	822.3869	849.5817	905.9536	810.6402	830.2031	533.4473	572.181	633.9622	694.099	801.7718	731.2482	614.2182	646.5567
CUST_19849_PI429010886	N42316	0.019007	12	9						33.05858	36.06929	36.52603	24.63631	26.37273	31.66434	33.77621	35.65161	30.0571	48.23603	32.80705	39.21347	36.52603	33.81876	32.72316	39.07685	18.82343	26.94089	24.9077	31.20492	34.21062	44.22939	45.33809	31.2089	41.56705	26.43705	44.81188
CUST_24374_PI429010886	N50505	0.019007	12	9						56.28989	90.37187	52.96132	38.723	43.56595	34.10794	52.88574	65.81652	38.39166	88.4462	56.28307	85.141	51.48154	69.17707	72.2558	115.7331	34.62398	37.73674	43.02941	38.93338	54.89449	59.04082	65.16761	80.08977	72.00003	69.751	48.79079
CUST_30750_PI429010886	N62557	0.019007	12	9						125.2228	129.4038	165.324	104.1782	82.25514	122.3609	122.6119	120.4034	212.8309	186.5931	109.6686	158.1524	138.8541	135.3099	161.1033	100.965	112.4452	140.6816	92.05581	142.0799	155.2537	168.2221	169.4295	143.124	157.3996	164.7204	193.2088
CUST_711_PI429010886	N6883	0.019007	12	3	321472705	hypothetical protein DAPPUDRAFT_239811 [Daphni			1.27E-26	6434.019	8015.915	989.1564	19163.99	12445.58	24915.2	9448.983	3886.072	7890.624	1949.421	4365.095	3218.113	8237.502	4415.4	5757.178	8696.127	12804.38	19067.23	3667.985	3572.519	3200.017	8165.772	2302.386	13202.87	3095.586	12021.62	1486.604
CUST_38588_PI429010886	M28347	0.019031	24	15						512.6993	655.9864	693.5345	576.3102	655.5465	591.5595	541.31	543.8134	646.7171	671.5411	586.9437	705.5663	658.4007	748.9581	676.3702	708.9187	722.474	675.9235	671.7237	660.7381	671.3234	656.5643	710.4011	582.1613	844.11	589.4448	731.4443
CUST_41034_PI429010886	M56694	0.019031	24	15						638.6578	614.5524	715.8969	599.7852	524.4761	566.2341	487.8771	536.9382	557.2257	624.8531	847.8005	630.9156	848.334	844.3643	865.4579	657.8288	664.1086	631.8289	722.2644	655.2712	902.1996	609.1465	540.3051	801.3257	719.37	874.1627
CUST_7485_PI429010886	N21614	0.019031	24	12	321463650	hypothetical protein DAPPUDRAFT_324056 [Daphni			5.37E-59	62.10992	53.57478	41.59399	57.19607	41.99643	25.53913	30.70822	37.62657	62.45524	75.51588	48.36598	38.53689	66.08238	79.27531	70.46014	122.4345	23.4177	67.60441	58.81306	62.21051	57.5238	68.44956	55.93124	28.11091	53.41262	58.4576	48.93138
CUST_33292_PI429010886	M6518	0.019042	18	9	223588323	anti-lipopolysaccharide factor 2 [Marsupenaeus jap			2.12E-27	66.75988	72.81129	15.67417	17.43225	28.97523	28.75284	77.93692	18.4372	88.04251	123.5891	50.56281	144.3781	129.6012	74.7726	51.96426	70.24827	50.11711	37.86509	169.9489	3.992492	62.53849	22.63755	32.99169	33.22847	75.33028	20.75737	71.65614
CUST_51251_PI429010886	M92514	0.019052	24	15						108.8127	144.5653	174.6884	76.11306	113.5681	126.0646	89.85114	87.82151	101.0721	144.8798	96.70093	142.8955	98.33611	158.5157	163.7445	194.3549	120.5952	128.1259	83.7183	109.19	144.6491	172.1225	105.3648	161.9005	144.6467	105.3648	
CUST_19815_PI429010886	N42244	0.019076	12	9	332018661	Stathmin-4 [Acromyrmex echinatior]	Response to stress	Defence responce	1.16E-07	34.02396	25.94889	38.02052	24.5371	24.11784	35.992	35.86991	29.45107	36.47986	44.84742	37.19463	51.89822	35.54827	32.03181	31.28349	36.6789	50.52879	34.872	39.24212	36.70932	35.7959	38.44451	43.27178	46.41914	38.08235	25.68978	36.32974
CUST_28943_PI429010886	N58890	0.019079	24	18						20.74944	18.49894	3.554665	11.07279	16.53144	13.37557	13.08205	10.95786	6.947339	17.05056	14.10504	15.75112	11.89729	19.19934	19.44365	26.88416	15.06859	15.94162	18.8295	15.65479	25.1646	28.49553	13.44283	13.40566	20.78572	10.04473	13.90672
CUST_41845_PI429010886	M58684	0.019084	18	0	321468138	hypothetical protein DAPPUDRAFT_319730 [Daphni			5.87E-15	45.3248	36.08065	31.68203	15.42005	26.02411	14.54005	24.15101	18.78315	20.60841	37.37431	23.92396	39.99252	33.52987	24.56345	26.45984	27.80573	15.59286	21.15229	27.26616	32.60067	36.31145	30.42832	28.42343	14.25774	23.89642	8.724159	15.57695
CUST_38905_PI429010886	M31812	0.01909	24	3						5917.438	227.604	21.248	3621.392	207.128	1129.849	756.9801	200.041	696.3149	NA	59.22654	157.4606	360.3606	119.5708	498.1212	86.02859	50.67294	36.34355	108.8006	22.02831	43.86105	465.6558	27.25936	6818.919	NA	68.29075	30.86679
CUST_10504_PI429010886	N26336	0.019107	24	3	156541012	PREDICTED: DOMON domain-containing protein CG			6.2E-47	150.5702	270.4039	199.6816	465.9125	285.6058	236.8108	294.9448	248.9182	121.4004	204.4226	304.437	325.9737	206.8026	193.6314	254.8048	144.9989	144.0441	139.47	168.154	153.3324	163.5397	181.1004	294.596	170.3395	139.0376	165.1872	171.1406
CUST_36027_PI429010886	M14326	0.019135	12	3						81.29483	125.099	58.76571	226.8032	165.5416	619.9697	154.6378	97.73561	122.0703	44.59476	150.8706	50.08673	86.68692	63.65277	87.97339	92.29442	208.2464	583.8403	120.7327	54.08177	135.1252	86.88496	98.38324	305.4399	50.5231	175.2355	39.49607
CUST_24556_PI429010886	N50833	0.019135	12	3						25.2086	24.16612	27.2017	42.93894	36.67483	89.30785	66.89269	19.16559	32.78743	28.24069	39.97721	30.72781	20.65497	23.37181	17.21077	29.27728	68.36198	62.01223	27.49118	24.95301	56.16292	25.26607	69.16983	64.33014	23.08011	36.66046	27.61589
CUST_8019_PI429010886	N22427	0.019165	21	9	260833760	hypothetical protein BRAFLDRAFT_83094 [Branchio			6.82E-23	233.6069	353.4537	337.7668	100.4233	241.4042	200.9492	477.3001	356.2218	328.4337	989.9215	379.4393	450.649	366.8876	350.5238	304.2796	277.4971	201.6148	186.883	626.1001	88.66033	174.2465	181.8416	259.5794	389.9711	178.147	222.7411	207.853
CUST_10413_PI429010886	N26192	0.019177	24	3						28.8028	41.4364	28.73411	48.23873	31.27253	35.20228	26.86002	29.49942	24.80133	33.85642	27.71267	24.44247	35.84962	21.71104	29.30417	25.50833	27.24174	24.63027	35.37124	33.88473	41.63027	35.37124	33.46666				
CUST_43286_PI429010886	M62631	0.019174	15	12	350426664	PREDICTED: putative polypeptide N-acetylgalactosa			9.11E-41	27.34621	26.64821	49.52106	29.77814	14.36186	21.48446	22.20487	30.43732	33.32019	44.14193	44.29399	36.73446	31.85611	46.32451	41.21277	22.01737	20.90506	27.91811	20.58435	23.44542	30.558	32.07598	32.06361	17.98635	41.71124	21.94847	22.35984
CUST_7293_PI429010886	N21328	0.019174	15	12	321476561	hypothetical protein DAPPUDRAFT_43139 [Daphnia			1.4E-118	110.7887	116.7168	121.4973	91.20024	79.32298	80.94247	72.3404	83.20205	111.7143	154.6176	112.6604	130.7466	124.4126	147.0211	132.7602	159.1972	85.25376	113.2396	109.8902	125.9794	98.65062	153.8239	117.5373	96.029	152.675	100.2916	125.6172
CUST_30345_PI429010886	N61677	0.019174	15	12						66.14351	11.95734	98.56528	41.75113	4.405905	32.32032	134.0969	94.27998	95.14966	96.63027	21.21967	25.93686	126.2448	220.8734	88.7086	31.45667	119.0689	65.31793	46.0364	22.87323	24.97999	29.91175	46.47908	36.01332	82.74334	67.88326	69.34114
CUST_29161_PI429010886	N59310	0.019197	15	3						4.451004	4.004614	7.032309	8.850436	12.78761	14.61919	4.869685	7.795868	11.28834	7.366514	6.212927	7.712934	6.689971	4.521715	6.25555	6.827991	4.691227	NA	6.470119	16.80832	NA	6.351061	10.76236	6.799702	4.45976	NA	5.588347
CUST_19182_PI429010886	N41125	0.019199	12	0						106.9908	105.8718	105.4471	87.8914	86.4248	72.78118	62.25774	101.5961	85.86351	110.8154	90.71122	100.5206	108.6787	100.0408	99.60857	139.562	90.11953	84.50068	93.72794	85.86351	74.70996	89.16253	131.4266	96.46972	116.6557	92.19432	101.1723
CUST_15451_PI429010886	N34601	0.019208	18	0						58.36102	71.5379	52.52687	56.87008	52.74471	52.24698	47.17274	45.35228	44.18048	41.38053	50.43461	35.37802	54.27879	60.19936	62.74069	80.19532	40.08825	57.14083	54.6573	53.78486	64.04953	75.69546	42.06392	51.09668	60.89252	42.92761	44.31783
CUST_41988_PI429010886	M59084	0.019212	15	9	67625699	TPA: endonuclease-reverse transcriptase [Schistoso	Nucleic acid metabolism	DNA replication	4.81E-56	136.9633	191.3362	152.9004	115.8195	113.2498	107.1617	124.5707	107.6827	142.2559	291.8279	153.3961	219.7749	134.577	232.9884	203.9202	227.5634	125.6673	150.6133	141.9837	172.2644	176.7754	194.8105	163.0075	150.3479	199.4521	153.0166	231.3759
CUST_18988_PI429010886	N40777	0.019212	15	9						15.11766	14.23976	19.81178	15.28613	13.14806	13.74525	16.16294	18.94519	27.58334	31.02908	24.08352	32.89038	25.50317	21.10951	17.85771	28.20406	21.48446	36.4309	15.92833	29.09978	13.65114	37.07575	21.91471	19.27396	52.34171	16.06241	26.16021
CUST_39398_PI429010886	M63518	0.019216	15	9	115291340	oncoprotein nm23 [Litopenaeus vannamei]	Metabolic process	Nucleobase-containing compound metabolic process	1.04E-34	72.38234	79.56143	78.42487	45.31583	51.37093	39.82861	62.42674	66.4925	72.45575	100.3242	73.87582	73.28621	75.64933	69.00042	46.42845	75.2095	66.51212	52.67859	52.67859	52.67859	52.67859	52.67859	52.67859	52.67859	52.67859	52.67859	52.67859	52.67859
CUST_31194_PI429010886	M947	0.019218	21	9						NA	20.35072	6.85925	40.27597	35.08291	20.91693	35.19595	273.2835	236.9951	25.47915	312.052	309.0322	49.66096	52.90229	44.59476	NA	28.49366	NA	3.358666	465.4504	214.9497	NA	25.56884	6.521689	NA	179.3955	78.81351
CUST_43920_PI429010886	M64331	0.019244	21	3	321458955	hypothetical protein DAPPUDRAFT_328543 [Daphni			6.26E-64	57.8814	48.12117	43.05742	71.73214	49.02131	71.43726	50.9755	46.7059	43.00832	35.04514	50.74126	36.16806	40.1147	52.20238	34.86394	51.09155	37.59059	59.07909	58.14864	43.93802	45.46745	58.78466	61.46235	41.68991	54.02913	49.24106	61.42421
CUST_43887_PI429010886	M64246	0.019247	21	18						90.58155	79.15691	55.57175	78.32339	70.84411	55.49391	53.9397	44.13738	66.34998	68.77778	65.58458	51.72418	61.45704	60.69824	85.43667	101.8114	58.53699	75.3452	74.93674	76.19351	91.14746	88.78823	67.45213	74.38643	91.11111	59.26817	68.93293
CUST_8796_PI429010886	N23604	0.01925	21	3	471414688	PREDICTED: zinc finger protein 235 [Trichechus mar			3.13E-38	7.472276	7.525118	NA	6.812888	5.183066	28.18417	5.803366	7.213856	12.87701	7.626632	4.162252	5.793257	4.170866	6.575352	6.540321	6.563098	4.093706	NA	0.486483	3.916855	NA	NA	8.669897	5.98749	10.33417	9.133825	10.94103
CUST_31432_PI429010886	M1512	0.019255	12	0	241696779	conserved hypothetical protein [Ixodes scapularis] >			1.5E-08	2232.866	2158.318	1901.328	2095.03	1691.46	1853.071	1658.285	1589.601	1576.033	1818.602	1488.789	1966.099	1949.421	2384.394	1854.457	2576.961	1708.455	1744.83	1642.187	2206.497	1580.775	2430.624	1874.82	1777.044	2167.205	1840.589	1904.883	
CUST_8674_PI429010886	N23396	0.019264	21	15						20.78351	11.95622	18.88759	10.26272	16.08188	13.32601	12.63007	6.112624	6.517889	6.537253	15.7734	17.61145	10.13183	7.075697	13.3483	15.77573	21.35072	25.71503	18.73634	16.22034	4.672014	13.85986	15.82481	14.44266	17.49952	13.3739	12.01881
CUST_54423_PI429010886	M105937	0.01929	12	0						213.5411	149.4702	279.8719	120.5667	123.1656	138.1473	184.8426	196.1855	195.3573	191.5917	118.0864	221.1299	179.3477	238.7756	184.1431	128.3731	157.7661	153.8729	155.8094	141.8752	147.4736	207.1022	269.2795	181.0152	205.6958	191.2063	189.3905
CUST_27420_PI429010886	N56030	0.019293	21	15	242002324	sugar transporter, putative [Ixodes scapularis] >gi|2	Transport	Carbohydrate transport	2.1E-20	17.02696	12.16044	NA	10.86137	6.729385	NA	NA	NA	9.297397	6.98368	4.562691	10.81295	4.258091

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_9235_PI429010886	N24278	0.019708	12	0						27.84094	92.07382	58.4329	31.8356	17.49601	14.11461	16.20777	12.82499	5.767846	48.29446	6.541514	14.72118	26.3141	32.52687	21.57953	7.986139	31.57619	18.46372	17.21816	31.8423	11.94615	13.44962	27.39792	16.29756	41.29432	15.4643	33.45717
CUST_34249_PI429010886	M9164	0.019727	21	9						15.32584	17.42392	11.88414	22.31012	26.04672	14.50945	19.95854	66.18886	42.78573	24.17061	48.3882	61.35668	54.34709	32.96039	30.02913	13.86466	13.46781	8.668476	17.41182	196.359	60.95703	14.15692	10.48086	NA		5.924102	23.69143	36.26174
CUST_56800_PI429010886	M114674	0.019727	24	18						250.1572	211.1514	264.7596	206.469	227.4855	183.021	203.1014	204.946	228.7951	289.4881	230.9236	231.648	221.165	300.0118	289.131	298.2497	242.3388	212.5688	262.9561	341.3294	271.6624	268.9268	260.5389	207.2788	345.3079	206.0055	293.7629
CUST_33268_PI429010886	M9449	0.019787	12	3						254.2335	195.5884	290.9496	934.5759	1048.248	1881.402	916.176	730.7862	336.682	345.1018	926.1166	127.4128	349.1356	331.9382	299.389	162.9465	1879.633	1027.997	977.0262	149.7905	872.488	98.00231	808.9549	913.4409	174.2722	583.7272	188.3123
CUST_19641_PI429010886	N41926	0.019791	18	12						18.70952	19.58019	22.41298	17.43453	20.70807	17.34415	19.84931	29.10818	26.26013	30.15647	20.90912	34.96061	29.27728	27.88984	31.78356	30.17589	21.02638	23.45219	23.4501	52.83011	26.19371	37.56417	8.709062	15.85862	55.11957	16.74268	26.79307
CUST_24468_PI429010886	N50678	0.019806	21	3	390347449	PREDICTED: zinc finger protein 84-like [Strongylocen			7.68E-15	547.2331	770.419	568.5491	757.6325	778.2204	490.7702	579.5177	469.9116	622.7518	568.6876	330.2472	832.9715	333.2881	645.7634	226.242	483.2456	179.9161	282.8059	287.3115	441.2532	1091.604	339.9729	1216.535	333.2348	952.9126	976.3736	549.794
CUST_39982_PI429010886	M47801	0.01983	21	15						16.16875	32.01858	31.83796	34.84252	26.27126	37.34183	64.38672	33.6052	30.66462	22.72441	20.90506	11.78106	41.78277	166.9686	103.2289	104.4433	95.44953	95.51753	64.15379	378.9452	71.09841	30.16973	28.31129	54.50124	60.99798	12.03276	53.53068
CUST_17878_PI429010886	N38756	0.019837	24	0	317165637	Mesorhizobium ciceri biovar biserrulae WSM1271,	Metabolic process	Cellular amino acid metabolic process		30.32568	21.93409	29.19814	10.25265	19.92665	18.98793	9.253041	8.931253	16.01505	18.7912	14.12148	27.80573	6.891974	11.63473	6.503335	11.92991	30.52136	12.16205	17.94343	20.58016	17.8888	16.82346	7.575226	16.06632	26.57271	13.09346	18.71576
CUST_47429_PI429010886	M76077	0.019846	15	12	241751603	G-protein coupled receptor, putative [Ixodes scapul	Signal transduction	Other	9.67E-10	221.9188	216.9753	284.8452	174.8053	175.1291	198.308	199.0699	183.786	200.5357	280.5129	211.9082	251.1828	214.6269	287.6725	272.1926	291.0552	222.2031	215.2013	220.3236	231.4586	186.3412	280.2656	225.8046	180.7626	334.6678	227.2732	289.2197
CUST_4438_PI429010886	N16756	0.019846	18	3						459.6219	103.1342	347.1114	473.6842	292.5508	690.2519	451.7787	219.8489	141.5625	111.2973	246.5478	86.76715	117.7722	109.2818	156.3082	98.57526	317.5249	255.4957	346.2493	67.89063	462.5707	137.4942	356.5042	544.6485	81.49546	220.04011	59.63236
CUST_11290_PI429010886	N27570	0.019853	21	15						79.08585	72.21046	74.01735	55.57175	68.40354	50.8348	49.11313	58.59263	35.34739	71.09226	136.3625	70.89744	44.40267	51.94426	35.73798	95.81155	100.2082	69.37437	87.65825	68.92299	76.49245	66.89269	58.15995	64.08758	142.2748	64.78587	58.28332
CUST_48067_PI429010886	M78753	0.019872	18	3						46.85704	59.34275	38.85028	74.51983	47.57087	73.53135	53.65679	48.06558	45.85232	45.60489	40.10273	50.01795	39.47942	43.28157	40.33441	53.36025	48.08	36.47059	40.85343	11.19824	48.33175	44.2637	62.33105	62.45053	56.17296	70.53195	38.153
CUST_49016_PI429010886	M83639	0.01991	18	0						13.23625	NA		20.55089	9.121241	11.92046	23.17075	11.21303	11.9615	5.849038	5.839754	17.21299	NA		7.594313	8.156831	3.964554	4.693553	20.61255	14.78172	18.48442	NA		17.48685	9.34052	13.11271	19.13431	5.530952	9.434112	NA
CUST_53703_PI429010886	M102845	0.019921	15	3						86.66049	70.92151	70.31729	82.91863	97.23707	128.5685	84.96672	78.70239	68.89697	72.41676	93.77397	60.99125	80.68886	65.15752	62.83869	77.53281	135.4807	74.3404	95.19444	106.4489	85.47277	88.14739	75.3452	89.34718	88.71715	88.96346	78.0365
CUST_40589_PI429010886	M55550	0.019921	15	12						126.8944	100.0527	117.3985	89.15191	80.33892	66.63641	208.8093	198.0625	203.7326	142.2559	74.01735	94.30105	162.6527	256.6127	147.1104	86.15616	120.4142	83.65751	116.4203	55.58103	88.42631	155.4485	145.578	102.7524	257.0697	141.4486	131.1671
CUST_52828_PI429010886	M99148	0.019935	12	0		336944	Euphausia superba 16S ribosomal RNA gene, partial		2.5E-71	439.1396	494.9533	520.8337	425.9278	423.8598	472.997	384.7174	363.8764	386.5802	502.7361	419.1452	524.0613	409.9605	555.136	523.7505	609.0182	405.0461	504.3528	383.7894	477.1155	421.6001	577.5152	501.702	436.4909	548.6331	481.413	574.1082
CUST_54288_PI429010886	M105455	0.019942	15	0						139.9078	137.9192	132.2443	104.4333	127.3882	116.7168	99.47188	89.64325	119.228	131.771	114.0301	120.3899	108.3285	118.275	134.162	138.9538	120.2195	117.9302	130.6959	133.6452	116.3059	110.652	128.8206	102.5545	140.8613	109.3295	102.8545
CUST_36084_PI429010886	M14583	0.019957	18	3						21.14283	12.19407	NA	18.07527	15.20148	28.23857	11.76966	8.683756	7.382145	6.136953	13.10821	5.548767	14.90147	NA		6.117837	10.44442	20.31071	20.79184	17.91994	9.243743	21.37183	9.651747	25.8352	15.88012	12.74222	8.199563	13.97554
CUST_14508_PI429010886	N32997	0.019972	9	9	194246065	putative legumain-like protease precursor [Dermacr			6.91E-09	NA	8.442875	7.885901	12.9382	36.36062	9.462739	20.144	55.49391	7.654255	13.16535	63.80913	48.62171	72.17688	10.09344	32.68104	NA		11.88893	4.75175	8.366386	106.9212	17.36312	NA		22.62556	18.40425	NA		72.65998	41.70879
CUST_13582_PI429010886	N31417	0.019997	24	21						150.286	196.8017	197.44	125.9453	125.2805	90.93451	85.926	107.533	139.2667	237.4703	122.1353	204.7153	203.006	220.2228	195.3201	171.8979	145.0486	197.6731	180.1444	201.008	247.5396	215.9006	222.0782	200.0082	224.5779	134.9479	253.4186
CUST_47840_PI429010886	M77803	0.020000	21	6						426.5023	418.8645	512.2788	215.5318	231.0331	308.4843	418.7921	305.9676	332.4166	326.6284	380.124	397.9322	381.8763	551.1	304.942	272.9711	320.3749	376.7168	240.8224	416.2434	376.9333	453.5801	446.8256	303.6176	387.589	378.8717	379.6269
CUST_52970_PI429010886	M99658	0.020005	12	0						288.0844	341.5855	342.4231	130.1875	251.9218	221.6282	120.485	258.1237	296.6828	291.1073	359.6577	188.56	378.265	315.9066	189.684	251.745	268.6772	253.1078	336.7538	301.1532	330.6772	268.6209	295.8552	213.3509	220.9066	399.475
CUST_13466_PI429010886	N31238	0.020005	12	9						128.2056	200.6114	141.7029	151.7898	129.0306	114.9376	156.0949	150.7548	132.0609	214.7331	138.6787	168.58	125.4876	134.02	114.165	250.6384	129.0466	153.0541	163.791	126.2993	142.8727	176.4102	190.4443	168.154	141.2301	89.73481	87.36382
CUST_31125_PI429010886	M756	0.020011	15	15	291244918	PREDICTED: hypothetical protein [Saccoglossus kow			1.41E-26	6.883094	5.912581	10.13796	9.308024	7.50844	5.617002	6.739431	4.398975	17.15304	8.585014	6.257639	8.167031	7.183846	NA		8.355196	11.58371	10.43208	13.62763	10.06452	8.695689	7.591069	15.55047	8.75735	3.349167	5.030883	6.646603	5.185088
CUST_9226_PI429010886	N24267	0.020017	24	18						331.5388	592.9907	346.6366	350.9859	353.25	220.6157	203.3538	187.5869	285.7004	488.5796	364.2987	627.0644	356.2894	318.5558	359.6577	667.377	222.1142	372.1299	383.9376	510.1908	427.9524	478.2055	378.6086	233.5227	375.2702	383.017	426.8105
CUST_48653_PI429010886	M81489	0.020034	21	18						269.2795	321.753	178.6841	256.4811	193.6314	207.885	168.6416	190.7772	177.8416	213.1846	185.1977	198.6919	206.9547	227.312	236.856	338.4186	199.0699	257.0697	225.5499	264.5866	208.4785	338.9665	174.1985	223.419	301.4214	197.3524	186.0881
CUST_42776_PI429010886	M61225	0.020035	21	15						37.65902	26.44706	31.68444	40.72449	21.17508	36.21438	19.43095	24.24945	27.69749	33.42509	30.3611	18.10904	28.33335	28.82389	33.85642	47.20692	34.48125	46.95662	50.16596	30.12812	37.93755	32.15505	31.98439	30.62818	30.74351	48.06558	18.30638
CUST_3714_PI429010886	N15115	0.020037	24	0						339.6585	301.3697	9.246707	160.2968	91.28115	191.5917	86.80804	338.3238	73.15736	136.9448	72.17688	45.22377	8.695689	32.46401	82.33655	354.0483	7.360126	3.431994	29.88488	123.2439	28.3459	76.21064	203.1221	5.39571	26.05696	415.7405	214.0659	462.4656	275.8944
CUST_14901_PI429010886	N33663	0.020043	24	15						175.8023	183.4917	140.4751	160.531	133.0951	148.65	105.4619	109.5287	131.5284	184.2307	150.2666	213.4377	208.8792	181.6229	169.275	293.8285	128.8206	206.1701	170.8864	167.5472	163.1486	223.419	152.9711	178.3086	169.6296	165.716	167.6024
CUST_19381_PI429010886	M61680	0.020055	15	9	72094941	PREDICTED: protein SpAN-like [Strongylocentrotus p	Protein metabolism	Proteolysis	8.66E-34	35.36241	29.49276	28.51882	65.34609	13.98077	51.63118	77.0714	96.76761	54.0716	20.70543	56.37263	47.84739	68.97204	25.7467	48.09045	29.31162	25.38172	13.2598	16.64945	91.15786	24.44212	29.43648	38.24021	9.845679	38.67688	40.52511	14.79848
CUST_14481_PI429010886	N41482	0.020055	15	9						86.99215	64.80696	87.09496	58.15995	73.87582	61.86952	65.81652	69.18246	90.24634	77.34848	60.19028	75.02406	71.2117	79.90954	76.13932	75.37057	74.52928	54.95061	66.06376	53.8203	64.31677	84.49247	72.16939	70.02583	88.91586	82.06433	95.25723
CUST_1168_PI429010886	N8722	0.020057	12	0						255.0746	296.266	311.8796	241.2255	229.7558	226.0846	254.6455	276.3669	283.3333	375.5434	269.2795	342.6916	301.5634	443.1374	370.2985	359.4272	232.3526	284.8452	285.2001	331.7667	340.4766	319.007	343.3378	271.8242	389.4334	330.0503	377.8098
CUST_6813_PI429010886	N20634	0.020078	18	12	380026333	PREDICTED: uncharacterized protein LOC100866635(			5.44E-35	105.0313	135.2886	167.3467	71.70446	97.11051	52.07596	113.5868	155.0502	132.7287	253.025	121.6208	111.1643	168.0101	214.3921	125.6844	147.911	109.2818	89.60537	123.056	172.8115	122.8849	138.6617	109.2686	88.22213	157.4172	113.9832	194.9182
CUST_48970_PI429010886	M83247	0.020085	18	9	340384903	PREDICTED: hypothetical protein LOC100634292 [A			8.51E-22	641.3583	644.4395	790.5889	573.0502	596.4585	575.6787	530.2702	698.0293	634.2891	885.0858	704.5835	879.0511	650.7381	827.5431	803.3312	920.0256	650.2354	660.3398	665.6609	858.518	628.3128	801.5312	676.3702	494.8206	980.4603	635.437	897.6332
CUST_13278_PI429010886	N30901	0.020094	24	18						122.4191	163.162	113.475	115.4907	102.8432	108.7377	89.72544	90.37187	85.40569	165.7579	118.905	147.7053	109.6904	130.1208	174.4075	188.0537	109.7061	131.7223	130.7638	172.9097	140.6597	144.7304	132.8409	146.8304	180.1444	149.2083	164.8518
CUST_32363_PI429010886	M3936	0.020096	21	18	321479207	hypothetical protein DAPPUDRAFT_299967 [Daphni	Nucleic acid metabolism	RNA metabolic process	1.3E-133	69.29923	89.41173	71.37464	41.909	66.4223	50.546	43.88387	50.91495	48.1847	89.80969	67.9344	79.39521	66.50022	61.69829	69.43885	103.5194	48.51868	98.68398	68.15284	106.1871	72.31183	103.8205	63.32755	43.25052	66.24577	71.20471	64.56424
CUST_10943_PI429010886	N27029	0.020107	21	9						68.56896	70.59503	63.88437	56.40861	51.81515	39.67041	55.45229	43.7836	67.56871	82.41691	61.34598	79.85552	71.83981	80.25744	69.17707	84.51009	42.00009	74.14418	75.2717	72.89846	49.25162	72.10026	67.66412	29.06247	70.61832	54.67468	63.65837
CUST_2275_PI429010886	N12009	0.020111	24	6						NA	218.3262	22.78102	381.8035	77.94557	353.5438	683.7716	31.46178	592.8448	6.326533	60.75286	NA	NA	NA	19.50301	8.00826	18.28186	29.53645	172.054	3.667035	13.36104	11.50923	NA		60.51738	40.84069	NA	17.67943
CUST_34194_PI429010886	M9018	0.020124	24	0	225714082	Troponin T [Lepeophtheirus salmonis]			2.9E-09	17.24279	17.69248	17.09735	14.98356	NA	8.383502	NA	23.31281	12.42474	10.55729	11.02819	12.08102	11.70566	14.47943	9.192825	6.791617	5.330779	14.30893	7.761493	40.00557	17.29417	12.53746	9.341797	NA		14.70984	14.70578	17.70509
CUST_39133_PI429010886	M11735	0.020135	21	15			Nucleic acid metabolism	RNA metabolic process		41.44605	40.67771	32.74461	88.58239	42.82196	71.03904	32.64282	32.8525	31.08775	37.11196	26.42807	23.86522	34.53175	20.80626	26.83254	51.47212	23.47145	34.87385	53.48212	28.43275	35.44298	29.13133	33.52582	26.61223
CUST_56100_PI429010886	M112765	0.020148	21	3						115.0699	177.758	130.2006	147.3848	146.3399	156.9601	112.2867	116.8917	111.685	124.8269	130.8991	146.5292	130.4838	138.1676	114.6944	144.3428	110.605	131.863	117.1213	147.1881	144.1656	139.1034	144.3428	151.9486	172.054	156.8398	150.2035
CUST_43214_PI429010886	M62421	0.020165	18	12						49.00501	44.93417	49.68201	29.87357	47.3396	25.14839	98.81579	48.03764	42.83336	60.89775	34.89251	43.52847	65.71273	61.57414	61.03938	102.5774	11.85349	75.89665	52.06984	41.14845	41.80456	40.3065	40.05517	NA		27.97387	43.11192	62.33105
CUST_35521_PI429010886	M12775	0.02018	21	3	478256032	hypothetical protein YQE_07197, partial [Dendroctr			1.47E-45	75.58303	109.399	78.95217	119.7645	88.06388	125.9322	72.66838	85.2824	79.62582	100.5554	54.8287	55.26178	70.02583	93.73888	52.04647	94.88698	71.5379	105.6711	78.90095	62.61352	85.2824	83.98715	185.1977	88.96346	83.40091	137.9192	89.22919
CUST_57285_PI429010886	E4142	0.020185	15	0						7985.61	1777.044	15133.65	1303.313	1732.866	2096.527	1227.3	46.20344	20443.66	18337.68	2826.57	8015.915	8574.409	13806.99	22574.76	13400.98	4128.792	14054.76	3152.492	10348.94	10435.28	5911.575	18524.86	17966.78	4992.636	29896.62	8391.959	24341.67
CUST_24552_PI429010886	N50828	0.020185	15	0						81.25969	79.74735	56.36185	73.57494	55.42181	64.83329	58.00667	35.51007	46.39268	63.39049	71.56769	36.00037	53.34613	51.00626	66.36423	99.20203	57.15078	80.61162	55.38718	57.24358	68.50419	64.90973	49.688	54.60219	65.58458	61.58977	48.81237
CUST_47865_PI429010886	M77925	0.020191	15	3						11.38637	16.43851	NA	22.40634	44.73069	83.45905	7.182647	10.49518	12.27788	12.1001	7.463527	NA	11.11786	13.82413	29.73209	40.87212	6.15687	43.5437	NA		27.72962	12.96451	12.52135	NA		12.62537	12.35629	NA
CUST_10536_PI429010886	N26386	0.020207	24	21						30.59469	42.69298	21.18391	13.31366	22.74587	14.90147	19.34225	13.45079	13.26879	28.14284	29.04798	21.51773	20.79384	12.53746	20.59244	31.73942	16.90254	30.95577	21.35072	18.68272	14.48109	51.62562	43.9229	32.858	33.4065	8.710242	22.82685
CUST_13347_PI429010886	N31030	0.020221	24	0						340.867	420.025	400.6975	265.8546	411.751	270.8273	200.9243	251.7868	260.373	524.852	305.6076	488.97	361.8439	464.3001	399.5497	497.7449	242.6822	330.527	362.3529	562.6249	448.8586	496.6049	367.1896	282.7521	366.4854	358.8712	412.703
CUST_2583_PI429010886	M12931	0.020227	24	21	307204018	Protein tumorous imaginal discs, mitochondrial [Ha	Response to stress	Other	9.6E-144	83.30915	90.11953	81.36657	81.87168	86.38663	66.54091	78.44959	82.71137	61.71189	73.99757	67.39787	84.67784	74.21285	72.1005	61.12299	71.94962	61.29151	86.41187	75.17207	90.72052	86.41187	75.17207	90.72052	69.49089	86.41187	75.17207	90.72052
CUST_893_PI429010886	N7724	0.020223	24	12						74.64567	93.09068	77.29645	63.1929	61.93065	66.73255	49.84719	72.84986	83.93301	101.5527	81.64235	94.65769	71.9016	125.8598	127.5671	107.955	82.42534	96.76761	65.66431	104.4333	84.55489	97.62464	87.58299	70.54693	97.18779	86.4072	96.36676
CUST_56615_PI429010886	M114222	0.02023	18	15						418.2809	296.6828	360.2672	105.6617	502.4781	275.2679	326.5696	394.3816	219.2135	707.6225	251.4349	285.1566	614.5524	527.6079	250.4057	513.4234	458.9977	463.5935	450.5804	476.1852	373.4486	298.5904	202.262	184.0308	170.0663	263.8365	446.7333
CUST_5505_PI429010886	N18789	0.020239	15	12						71.22702	78.68384	88.04251	36.87579	62.4936	50.48761	68.26569	64.8492	89.33478	102.9204	95.36046	89.67555	102.9919	130.6959	93.45456	104.2766	54.71071	56.47886	90.90134	100.1729	69.94604	108.2254	72.16312	53.03978	104.0004	70.66973	104.5873
CUST_11689_PI429010886	N28242	0.020244	24	18						36.23666	36.64169	31.31664	36.24706	37.99335	25.99299	27.28016	26.91205	27.9603	32.26335	35.50744	43.58328	28.58747	43.11192	52.42987	39.03429	26.02914	40.01136	56.30906	42.40805	46.42413	46.74774	31.76715	29.58412	46.25392	38.87395	44.41825
CUST_28125_PI429010886	N57342	0.020247	24	12						26.4818	48.97519	48.78617	72.41676	33.42247	28.66586	40.04237	39.46416	36.85539	50.37741	64.09512	59.0899	54.12178	65.79499	56.24668	27.63304	33.09246	11.56409	39.71872	58.61502	39.24212	35.71039	21.79918	28.65923	20.08306	45.41077	28.11334
CUST_7019_PI429010886	N20924	0.020299	15	9	433335621	ecdysone receptor isoform 2a [Callinectes sapidus]			5.24E-35	19.93091	23.31758	51.59241	38.67242	31.2089	57.01626	29.81837	41.03316	42.39566	40.25214	49.15395	43.1527	17.47454	25.22662	41.31796	30.22418	29.49276	36.20575	32.89329	31.51141	34.80311	35.57888	36.83973	27.38684	41.35575	57.5238	64.71156
CUST_476_PI429010886	N5552	0.020306	18	3						50.54005	36.20273	47.83781	39.68132	70.09922	60.6558	56.74919	45.53002	46.25868	45.4327	57.10423	29.03344	34.48473	42.99343	28.7253	41.4548	55.59388	52.91094	29.11768	41.00395	75.66735	56.95101	83.27348	62.07028	63.36658	40.3065	61.3315
CUST_53557_PI429010886	M102241	0.020315	24	12						29.56124	29.80111	17.83843	34.96354	18.86766	46.51613	36.68661	33.56428	22.84721	54.24368	29.19475	36.18187	46.38212	35.08626	43.50773	45.64241	23.75346	36.07274	39.53783	33.70683	38.78884	29.0899	31.16623	36.09309	30.72417	27.05448	32.86388
CUST_13411_PI429010886	N33130	0.020319	24	15						258.1246	277.3932	223.6146	206.2256	257.1555	298.1939	239.2718	214.4171	385.8989	281.692	368.0783	332.964	318.3846	344.0193	386.8992	269.3809	207.2206	262.6238	288.0842	220.7019	284.6264	246.0582
CUST_9722_PI429010886	N25096	0.02034	18	3	260820904	hypothetical protein BRAFLDRAFT_218285 [Branchi			1.57E-07	297.2502	956.4623	476.7276	927.1088	489.1062	495.0933	368.9642	501.3373	535.2858	421.6972	277.7994	1055.17	447.7446	206.6019	215.167	323.6761	160.7094	374.607	84.95079	463.0515	772.946	473.4648	623.6818	519.0655	513.0951	843.8131	377.0163
CUST_23651_PI429010886	N49204	0.020388	12	0						63.01798	57.62155	67.49489	34.86394	64.22812	65.51399	46.30865	46.13849	58.81878	65.70437	55.21295	60.9102	59.81399	59.11379	82.75397	78.08745	41.47981	61.86952	55.07381	43.04692	49.998	76.12074	62.11683	58.38163	72.32108	65.49916	81.67574
CUST_14833_PI429010886	N33546	0.020391	12	18						22.02142	43.68382	13.99028	15.5705	25.12826	17.01358	7.632732	10.2112	12.23011	16.75298	16.33477	7.52281	16.26432	23.41982	17.70164	25.69829	15.444	18.54906	22.19942	24.18144	17.9021	19.50921	14.63359	16.58665	29.14178	16.93603	14.39019
CUST_10175_PI429010886	N25815	0.020392	21	0						49.11669	56.04356	47.69004	34.47823	33.06846	42.53014	30.86904	33.41208	29.83725	43.21123	32.79355	35.05495	30.46627	43.87014	41.06525	51.21188	39.02375	31.30264	58.93488	32.3787	46.63569	51.67197	33.22111	35.12261	47.82182	32.03971	43.84173
CUST_7343_PI429010886	N21406	0.020401	15	12	339896293	cytochrome P450 [Bemisia tabaci]	Metabolic process	Oxidation-reduction process	2.79E-48	377.7333	1045.788	644.1161	812.5634	280.5674	330.3127	496.1582	316.7444	440.0791	805.5548	603.9714	637.7954	809.3886	1001.156	856.8878	626.2648	426.3129	511.4224	791.2722	1010.552	765.2983	563.0019	505.4528	387.2348	589.6619	338.3238	650.2354
CUST_12443_PI429010886	N29469	0.020419	15	12						45.98092	32.63905	42.5721	45.02093	25.26092	29.03947	41.96451	60.92331	44.67201	42.15075	39.67041	39.667	59.04714	37.47945	54.99254	34.91043	47.12699	52.24698	38.83398	32.30669	29.85387	36.47407	32.87841	40.27597	54.04063	50.82151	37.32614
CUST_21263_PI429010886	N44909	0.020419	15	12						64.8125	67.44354	66.2145	46.67338	59.3369	59.36711	53.80266	40.81576	30.8467	73.46154	69.77447	66.48237	66.35653	72.03576	48.05138	64.04369	69.58984	96.86826	66.83042	47.56602	56.96512	67.04072	50.6408	43.6379	97.90896	54.61808	62.97836
CUST_56825_PI429010886	M114721	0.020428	15	9						720.48	691.5947	884.6458	675.2822	683.5585	619.5429	729.1026	700.4893	776.3963	1072.593	802.0583	884.4098	729.8175	983.2431	1051.932	1049.194	728.4044	776.6013	784.6927	970.6979	785.9549	979.2899	898.2047	682.478	1121.554	846.1561	1056.762
CUST_31595_PI429010886	M1924	0.020435	15	15	270007800	hypothetical protein TcasGA2_TC014502 [Tribolium			5.11E-07	595.028	783.9719	1811.851	257.7533	716.0786	620.4611	803.3312	1603.184	1372.611	2406.498	829.1909	1187

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_38149_PI429010886	M23683	0.02014	15	0	321475489	hypothetical protein DAPPUDRAFT_208220 [Daphni			5.02E-56	98.51875	112.1381	84.722	98.68398	90.41498	83.44238	79.74735	79.1048	68.44956	100.3487	91.40169	103.654	104.2917	79.043	90.04123	94.95262	91.58478	82.21549	113.1145	65.94453	87.59441	69.35049	73.47743	63.07552	77.93692	83.64909	84.93221
CUST_39504_PI429010886	M40586	0.02019	15	12						1424.308	204.5562	12563.99	14.85468	43.21123	32.45773	2601.307	272119.28	13988.83	17000.76	402.4861	867.4252	15389.68	27703.57	10296.63	168.2221	8536.698	120.0318	953.5865	860.5065	309.6337	5477.513	18661.44	410.558	20208.21	304.0369	19739.66
CUST_15556_PI429010886	M24878	0.02019	15	6						2692.695	317.5778	231.8131	327.8511	427.3564	384.9318	367.4512	430.0642	318.0852	332.753	340.6846	487.1736	278.8318	289.5961	303.3224	377.0882	280.8226	324.0592	350.5501	309.7678	447.9038	304.5545	427.7928	402.7742	348.0084	299.3397	
CUST_16237_PI429010886	N35893	0.02019	15	12						28306.41	3448.497	63067.91	2854.292	2894.613	5162.076	29610.14	78574.02	64277.46	59501.35	18150.31	20168.54	69607.7	88276.1	53278.3	10575.43	43151.77	5717.187	29468.93	22818.38	16297.18	45401.69	65559.81	11650.8	68283.18	15872.37	64571.61
CUST_20128_PI429010886	N42856	0.02019	15	12						126.5542	123.3713	147.5581	190.0092	184.3384	153.3961	87.96508	106.1197	118.0864	145.5389	192.363	255.4386	198.4267	228.1106	280.0685	253.2546	130.6774	150.8706	106.5468	213.0233	132.6337	143.4947	123.9921	174.4245	163.9462	120.6514	144.9545	
CUST_3362_PI429010886	N14361	0.02039	24	21						42.43668	58.12189	74.66823	46.71536	33.83579	39.02375	35.50744	40.91581	49.99255	32.41678	32.78199	49.75477	50.88285	71.70446	41.80808	53.43124	49.51746	52.59262	38.87769	42.44034	58.60431	52.09599	73.99757	53.57478	43.97896	72.13281	72.72106	
CUST_10097_PI429010886	N25686	0.02052	24	18						38.09997	50.98064	37.9742	26.93627	46.61752	30.9788	25.08483	26.56771	28.94785	75.67767	38.1318	36.19875	37.09496	40.29023	39.0152	51.92326	30.4923	39.414	41.69983	64.38672	42.18503	51.0383	25.0475	38.53317	55.784	16.9221	39.92653	
CUST_3432_PI429010886	N14487	0.02064	24	21						6.734253	11.91129	18.28004	7.40613	12.028	18.09635	11.7224	5.865878	7.762745	9.007525	9.949298	13.36364	7.319807	NA	12.33822	11.38637	11.8016	11.05033	11.97713	7.092466	12.39128	22.88357	13.63096	26.45047	15.25038	12.67376	9.166269	
CUST_46465_PI429010886	M72731	0.02097	18	9						20.71154	28.71654	33.71073	24.11276	17.32049	26.45722	24.40888	27.80573	25.21717	34.01329	25.02916	41.62677	27.42544	35.03294	35.59331	33.1071	22.00022	24.29748	26.87231	32.39121	26.78191	26.8663	24.76741	21.21393	41.28967	26.85728	40.58399	
CUST_38352_PI429010886	M25770	0.02082	24	9						312.6532	445.6175	199.5921	699.4291	343.1257	415.3866	355.7822	488.0718	403.4054	892.0751	815.5774	539.016	429.3715	966.7908	586.2213	467.3451	130.1875	218.4381	338.2007	583.4081	326.4884	441.5046	536.4898	206.5428	231.3049	451.9516	173.5738	
CUST_20611_PI429010886	N43747	0.02016	21	12						190.588	189.7386	192.557	188.9774	136.8476	195.2959	171.1038	176.4808	142.0394	288.5334	143.7253	233.6842	221.7247	368.0062	327.7237	283.3333	214.1332	253.0671	137.8443	266.2859	246.9496	237.5773	201.6936	236.2907	332.753	176.1772	356.1302	
CUST_35415_PI429010886	M12519	0.02017	15	3						506.7573	263.345	90.84494	1012.95	662.2599	1226.638	826.9906	407.2671	256.4303	66.46786	457.038	37.45529	312.8606	150.1517	264.1731	262.3746	991.907	740.0272	686.6887	124.4616	593.6703	253.5058	679.5311	998.694	93.96395	451.3065	27.71788	
CUST_11851_PI429010886	N28513	0.02031	24	0						81.22317	82.60943	113.3918	83.53882	57.09554	66.1724	83.29887	50.28834	65.40248	87.09496	62.51292	77.64933	53.75795	72.16312	55.11957	83.28321	59.93656	73.14043	56.02183	59.82999	87.16389	90.3035	92.93954	54.26471	109.3881	87.34049	84.03407	
CUST_50102_PI429010886	M88632	0.02035	15	0						1269.191	1164.105	1109.205	1211.313	1187.536	1325.228	1047.894	1012.109	857.5648	1109.612	1066.79	926.7413	947.592	1008.511	1069.514	1594.166	1256.084	1218.887	1256.084	1080.655	921.954	1377.193	856.1081	1027.997	1103.847	862.1393	926.1166	
CUST_17303_PI429010886	N37744	0.02039	18	12						8.185415	8.419112	12.37856	7.795868	10.15583	10.88915	14.60539	7.917706	NA	6.406079	11.12231	21.35972	11.19024	18.13226	17.34629	11.30787	15.80258	NA	11.58688	12.54381	16.00911	6.31321	7.049754	10.02549	18.17081	11.87728	15.95324	
CUST_2307_PI429010886	N12070	0.02046	21	0						42.26034	53.78964	61.06386	27.17268	22.41939	22.83694	25.17616	23.00521	39.16114	31.41271	35.51342	27.10054	33.49853	27.57791	36.19062	43.76947	28.50232	39.06616	39.6493	37.9894	23.72626	38.51373	43.35404	29.42101	28.89154	21.41937	30.94893	
CUST_565_PI429010886	N6077	0.02047	24	9	380853796	protaglandin reductase 1 [Penaeus monodon]	Metabolic process	Oxidation-reduction process	5.89E-89	26.78447	36.8462	36.96378	29.50933	39.0395	8.60504	32.50993	133.5378	65.22887	40.57649	157.7478	130.1208	101.8776	7.359153	48.76564	12.85234	47.39715	NA	25.27977	151.6596	77.2785	21.71424	17.12281	3.439984	13.2803	36.12398	62.24459	
CUST_13415_PI429010886	N31139	0.02106	21	12						523.5388	648.6302	707.905	611.2062	974.6113	538.1956	811.9464	2684.729	2287.157	630.6794	2260.474	3818.838	2771.702	665.3114	2115.987	793.8063	1135.995	667.8908	645.5341	5875.497	2032.79	610.3506	772.6877	637.2498	692.5393	1465.294	1627.802	
CUST_886_PI429010886	N7700	0.02069	18	15						17.39906	12.10209	NA	15.85664	NA	5.671066	10.69771	10.49349	NA	4.99831	NA	3.538902	18.90668	21.47442	13.78438	17.93968	NA	16.79729	17.04658	NA	15.38978	11.2694	14.80182	15.80258	8.674882	7.457269	22.18561	
CUST_55284_PI429010886	M109440	0.02073	18	9	19921528	Asparaginyl-tRNA synthetase, isoform A [Drosophila	Metabolic process	Cellular amino acid metabolic process	7.71E-13	13.04874	29.05988	26.18577	19.0691	17.06111	8.685006	9.621618	20.82009	21.89378	29.0776	22.53922	23.4104	17.02082	16.43274	40.43694	21.9039	16.84517	22.32278	7.13523	17.26212	19.99991	19.01959	6.927136	12.10746	23.2088	20.65041	26.1771	
CUST_52479_PI429010886	M97580	0.02073	24	18						101.3304	69.44924	123.4881	120.9454	82.03248	98.45361	119.5229	148.0276	137.9332	89.5312	89.02227	65.41017	99.7668	119.3795	98.05949	72.23965	50.16596	45.7065	96.00446	271.2785	50.9653	134.2991	102.4301	117.9008	122.2898	90.81223	111.7487	
CUST_5840_PI429010886	N19275	0.02073	18	0	321468789	hypothetical protein DAPPUDRAFT_188248 [Daphni	Metabolic process	Oxidation-reduction process	1.37E-87	314.7546	592.1986	1024.045	341.2566	325.8124	176.5718	209.7628	606.1944	657.4366	680.1392	600.1321	806.3497	545.2224	667.377	502.7361	588.4339	320.9666	296.266	413.5257	844.933	581	447.2279	419.1452	190.4403	250.8373	385.3789	291.3041	
CUST_10676_PI429010886	N26608	0.02073	18	3	169931080	cuticular protein [Artemia franciscana]	Metabolic process	Carbohydrate metabolic process	2.48E-16	1259.651	316.2028	891.0101	1897.37	1760.95	4289.879	1737.368	1216.535	581	212.7113	788.6009	146.1555	1011.26	453.8761	678.7202	283.5999	1591.999	874.9124	1290.993	117.0097	913.0418	452.8393	995.7921	2701.759	220.3236	2263.289	234.2305	
CUST_5825_PI429010886	N19252	0.02076	21	6	189235312	PREDICTED: similar to AGAP007340-PB [Tribolium c	Transport	Transmembrane transport	1.42E-55	104.351	80.63305	156.0949	157.6456	85.82609	238.8964	167.2066	227.604	161.8008	129.2244	90.68288	111.8008	115.4907	107.3764	131.4266	83.16839	98.90127	92.9186	158.7513	74.22931	95.51753	74.70996	121.4004	128.1757	93.76216	183.8217	93.60773	
CUST_26146_PI429010886	N53749	0.02076	18	3						15.03992	21.68921	14.97143	56.48952	21.58422	43.69907	12.60453	10.16422	10.47564	11.23684	14.4879	18.12837	7.729578	12.03567	19.36347	20.93304	10.2343	11.4368	18.18555	11.10462	9.278391	28.26309	18.63533	31.56077	27.08074	10.338	8.423847	
CUST_50145_PI429010886	M88809	0.02087	21	15						264.2251	292.6509	288.0337	239.6059	292.4718	261.6019	263.2372	222.3674	212.2832	330.3127	397.7744	318.5103	263.5218	250.2477	265.1519	342.2472	403.7411	304.7525	356.8925	279.5177	245.1598	231.0331	294.9448	332.2552	347.5866	242.6822	252.1291	
CUST_26132_PI429010886	N53725	0.02087	21	15						8.084402	5.96252	12.0262	8.670788	7.316619	13.6708	15.4721	13.93254	9.774844	NA		8.027473	9.988677	9.465987	16.73527	17.63183	11.95482	NA	20.14149	8.221669	15.25416	11.78768	6.076503	5.817842	NA	7.23801	16.44746	15.12292	
CUST_1609_PI429010886	I10225	0.02088	21	12			Metabolic process	Oxidation-reduction process		1918.897	2663.095	2014.561	1569.952	1818.602	1835.374	1561.567	1631.709	1863.799	2514.893	1886.936	2675.265	2042.507	2511.522	2701.759	3219.948	1869.455	1972.844	2091.598	2757.444	1964.934	2858.942	1926.251	1702.054	2456.459	1751.202	2513.183	
CUST_38636_PI429010886	M28713	0.02091	21	3						89.32488	108.2254	102.5545	131.2743	100.8596	99.15143	85.30129	84.47788	90.15151	98.87521	74.3942	85.37214	99.17539	107.9821	107.1241	177.1792	110.9478	128.0504	122.4191	93.69637	91.95171	110.3138	98.6608	72.4241	120.7611	75.2875	108.7377	
CUST_35246_PI429010886	M12038	0.02101	24	27						26.41115	28.5643	32.45773	17.5796	19.689	30.51803	12.42375	14.23269	25.5267	18.75909	19.20429	29.64039	16.64328	20.144	31.0403	32.6335	28.13772	46.08927	16.55124	27.13447	34.06071	41.52889	33.26796	21.07029	36.35659	14.44097	37.37861	
CUST_41523_PI429010886	M57957	0.02101	24	21						27.22941	28.55509	27.10885	25.10875	27.31066	26.11497	18.74202	26.00383	26.64257	28.23315	25.60499	13.19581	29.89381	27.37418	28.89154	33.45456	26.67812	32.86388	27.22484	36.8462	12.58067	36.64631	29.87357	28.27339	27.5502	21.60882	31.48252	
CUST_54301_PI429010886	M105482	0.02111	21	6						18.55589	6.364227	15.01303	22.13675	5.423434	5.338547	69.46903	44.51597	69.90395	6.720477	NA	NA	27.28895	30.28884	20.74295	32.56422	41.85609	42.05465	19.82066	10.63784	NA	3.958033	14.73176	19.00858	52.25211	12.30062	26.25499	
CUST_10929_PI429010886	N27010	0.02122	15	0						1267.407	1650.747	1205.667	1006.198	1168.111	1209.365	1150.482	974.9401	956.7714	753.4223	998.694	1388.367	1155.687	1123.432	1241.135	1857.991	1081.506	1556.767	1435.814	1205.12	999.0406	2056.54	795.9721	1075.314	1217.47	750.3627	831.7121	
CUST_8280_PI429010886	N22811	0.02144	15	9	260813792	hypothetical protein BRAFLDRAFT_124342 [Branchi	Metabolic process	Other	7.03E-38	15.3592	16.58396	17.53688	13.30523	20.88612	16.24039	25.09705	50.85184	27.84371	33.05858	39.7396	36.63133	24.72309	21.05993	20.28484	28.40026	24.39326	28.40654	18.19605	60.45419	25.46966	19.98856	28.13722	29.82479	25.3441	33.88658	41.94521	
CUST_17778_PI429010886	N38572	0.02145	18	6						36.39221	50.92195	36.54664	50.67294	38.87395	28.98746	61.03938	94.34866	65.43441	51.73816	47.66523	61.34598	55.86399	87.71808	37.04826	43.61355	63.03207	59.91437	52.79221	36.48332	53.47338	43.00832	57.71752	60.43972	49.59376	77.1205	64.29604	
CUST_56498_PI429010886	M113940	0.02158	15	3						223.6052	260.7973	165.7579	250.2094	259.7703	305.3843	191.6952	189.8916	169.0201	192.7945	209.6338	198.6003	181.649	206.9171	247.1825	239.7427	228.547	228.4344	245.7365	263.8365	182.1441	253.8833	163.4134	208.0738	166.1109	169.9973	169.9973	
CUST_33469_PI429010886	M6969	0.02158	15	0						275.9326	322.9274	339.6585	215.7523	268.545	286.19	203.3901	246.5478	213.0233	251.2251	225.0823	358.55	221.0933	268.545	236.1561	305.4951	293.9351	299.6232	275.0029	205.9317	233.2471	240.682	273.1684	262.76	303.7146	263.345	290.0281	
CUST_9078_PI429010886	N24028	0.02158	15	3						313.5825	207.0425	184.7518	277.7171	299.6797	328.2844	333.0328	295.5774	206.8026	176.1772	254.4916	158.2442	245.9376	165.4521	198.6919	225.2614	359.297	276.1481	472.3127	283.7427	228.8706	157.0047	247.0492	304.2796	132.2661	297.361	143.7672	
CUST_29476_PI429010886	N59943	0.02158	15	9						209.1269	402.5662	281.874	216.0058	240.734	138.9124	179.8682	281.599	269.0643	493.7491	325.0318	366.4854	359.3716	330.6123	337.3367	411.8683	283.8866	244.7282	315.0245	445.8485	248.8723	537.3115	330.1179	180.9317	664.4926	409.1687	485.2041	
CUST_29511_PI429010886	M60010	0.02158	15	12						386.8992	467.8704	514.1495	419.4237	391.4581	406.809	391.7449	435.3919	465.4504	649.3217	414.9669	580.3063	467.665	607.2425	512.8422	560.3037	482.2661	528.7628	480.0643	483.4844	585.1824	458.5822	454.6154	528.3775	655.0692		
CUST_30076_PI429010886	N61136	0.02158	15	3	343481903	unknown [Pectinophora gossypiella]			1.28E-14	79.79104	50.64584	62.583	110.1036	129.7943	251.5259	119.3486	72.75459	66.60001	45.55401	66.82399	35.01718	70.48615	53.9049	50.93999	52.54728	189.7994	164.7204	160.2968	44.91724	78.08745	53.80851	71.57902	137.0769	43.94789	71.75603	47.01793	
CUST_9929_PI429010886	N25427	0.02166	15	0						97.1202	126.3708	86.25852	76.24385	63.16675	89.60537	57.38433	78.61543	55.32113	53.42144	68.05219	67.10317	74.82753	84.90321	114.4015	103.1223	88.16694	72.58192	89.68808	62.24459	78.28594	85.67865	70.80146	80.42722	87.49111	73.48596	62.16132	
CUST_42211_PI429010886	M59699	0.02176	21	15						41.80062	43.00468	31.87606	41.40709	38.31256	33.31614	30.36684	23.71505	26.11716	42.76199	38.10393	37.50197	33.95306	35.38465	30.74654	44.71419	44.8896	38.15596	37.42936	46.1565	38.09087	54.09438	22.93214	42.33366	38.68605	32.18186	33.86813	
CUST_41119_PI429010886	M56912	0.02181	21	3						165.5714	170.3963	153.3563	144.1452	727.7317	441.9667	146.4472	223.2901	179.0874	164.5463	480.2626	297.0259	134.9903	142.0014	140.7918	470.4395	206.5428	95.63731	128.673	292.4718	164.4185	164.3967	402.2126	121.1828	511.0593	868.0572	1033.757	
CUST_2228_PI429010886	N11917	0.02195	24	18						190.9127	217.37	228.2456	164.2501	183.786	150.2666	148.4479	168.6416	149.7495	233.2127	166.6117	240.9894	192.898	199.1618	194.0645	180.7626	136.6153	170.9183	199.7432	246.5478	224.9395	237.5448	201.6148	173.7706	225.6591	171.6462	205.078	
CUST_50435_PI429010886	M89803	0.02222	18	3						77.00574	50.60456	14.53622	98.56528	29.28327	59.73525	NA	NA	4.881906	46.83826	39.68514	31.36122	23.69356	11.10641	23.38175	22.70929	24.69848	30.44094	15.66738	24.0618	25.61415	97.2708	33.66515	77.7747	36.48665	NA	NA	
CUST_31189_PI429010886	M931	0.02232	21	15	60652230	protease [Homarus americanus]	Protein metabolism	Proteolysis	1.11E-24	1193.941	1420.397	1089.128	950.2628	1164.641	941.6865	1816.167	1258.369	1065.529	2348.331	1341.448	1296.243	1300.415	1447.664	1063.11	2098.72	1601.013	1114.646	1256.525	1287.066	876.1774	1522.087	1255.497	1570.987	1057.219	810.6402	1198.309	
CUST_36207_PI429010886	M15017	0.02247	24	21						26.56771	31.20174	20.66168	17.61531	20.25261	19.37598	17.10186	12.08465	18.32343	33.79631	16.73391	25.76975	17.27797	17.16781	19.32849	31.01397	24.85164	20.43418	28.1987	27.69389	23.30079	41.55928	31.48445	15.83117	27.45965	25.888	23.59336	
CUST_16717_PI429010886	I43646	0.02247	24	24						54.12153	55.17531	36.60129	50.42986	40.62219	31.64772	32.6735	28.24069	36.35659	46.48282	40.62219	66.13262	32.6735	47.7962	43.94258	65.97871	46.64223	42.5662	39.78674	35.8658	38.36562	51.16129	45.84554	38.35269	61.44885		
CUST_19647_PI429010886	N41937	0.02248	21	9						15.30761	12.1537	13.25045	22.1046	18.79291	12.6884	21.01736	36.03688	23.64095	20.91496	25.94523	19.11687	38.95233	15.36478	20.02885	11.24362	17.5491	NA	26.96182	71.31512	13.82074	17.11553	19.71085	10.48943	17.81636	13.60767	17.80075	
CUST_56242_PI429010886	M113245	0.02256	15	0						25.26918	18.70053	36.8491	13.75242	20.63001	14.0442	34.94106	14.55595	18.42271	19.84686	17.29005	11.05263	19.32763	25.2475	11.08171	13.39711	20.77886	23.05797	17.86554	14.64036	15.20876	14.56343	9.991254	10.37139	20.06405	18.91214	23.58557	
CUST_8059_PI429010886	N22479	0.02264	15	12						83.383	79.01755	84.66815	63.77772	66.33801	64.28764	47.79169	60.67368	76.91503	79.97877	75.24399	116.2372	89.29805	97.05352	94.24344	67.59014	77.01708	68.22752	73.0191	93.91055	45.69115	77.12763	99.79838	58.79065	95.86282	61.48326	87.90722	
CUST_50888_PI429010886	M91350	0.02276	15	12						6.288505	24.5556	33.90175	15.15061	7.475526	NA	48.91209	27.21684	129.5236	90.01113	3.782381	29.87699	355.9452	346.6366	146.902	124.3147	64.82649	29.97696	15.97964	56.99751	26.75848	76.36771	93.82886	8.6774	704.9925	37.38397	789.9286	
CUST_216_PI429010886	N2716	0.02128	12	3						9756.741	6949.82	396.1913	27088.59	21431.7	27142.29	11926.23	15000.31	6049.937	348.6809	5596.154	214.4171	8986.011	431.0477	6329.544	3138.529	11413.33	12089.86	15922.04	336.2223	3296.897	653.9628	2179.192	10866.21	422.6396	15133.65	99.03782	
CUST_25440_PI429010886	N52426	0.02128	12	3	493636260	hypothetical protein, partial [Lactobacillus jensenii]			1.11E-10	32.06361	28.79209	12.22639	121.2504	108.3441	185.0427	82.02402	42.51692	11.12035	7.57659	106.5352	7.593357	32.01033	29.61255	40.62219	22.37306	212.8309	173.4253	146.2229	55.91435	70.30533	53.07973	93.36286	135.8061	6.278329	109.399	10.13043	
CUST_52538_PI429010886	M97857	0.02189	21	3						29.39991	55.23983	35.20228	84.11167	35.24411	45.52612	32.63377	27.47176	29.77814	28.92063	23.81358	40.70276	24.28	26.73933	29.12856	29.29818	12.83327	66.23901	14.60389	27.0144	36.80555	29.53078	42.53014	39.56122	41.86651	53.40548	22.35568	
CUST_931_PI429010886	N7861	0.02315	24	21						58.46315	52.01256	45.81043	39.21751	31.04579	64.41009	50.52879	30.558	18.94868	71.36655	50.88996	54.08762	17.32049	29.96972	17.45713	93.3114	43.09974	62.54934	84.12226	44.93417	50.74837	62.406	74.93674	74.12883	130.1208	73.29485	100.7779	
CUST_17616_PI429010886	M19962	0.02318	15	9						1524.206	482.0705	406.5096	466.6028	167.1292	81.62354	457.1179	1070.988	786.1873	3680.553	423.679	1872.445	880.2112	951.6021	1467.586	982.8541	389.9751	345.2409	900.1067	170.3227	1024.168	1432.314	1862.762	1904.947	542.9049		
CUST_13179_PI429010886	N30726	0.02327	18	3						113.475	89.14278	54.73744	148.3243	97.4551	102.1126	108.064	57.40815	89.88488	60.5193	56.32248	77.50869	93.01036	52.37245	77.83266	70.04597	41.69983	66.50645	63.3033	70.02583	71.07061	105.9444	61.08538	164.5164	73.23407	83.56858	65.9729	
CUST_33207_PI429010886	M6272	0.02333	15	3						726.086	1756.971	301.467	5969.266	4729.674	4882.08	2551.399	3456.298	414.4964	19.43095	2560.213	16.43851	334.1058	70.47896	658.1422	139.545	1886.936	563.9632	792.4242	23.97968	1998.595	67.15618	1819.925	3105.643	136.9989	334.2433	111.4345	
CUST_21239_PI429010886	N44873	0.02333	18	3						16.4962	15.04174	10.67448	27.60111	19.28099	27.2627	14.60716	14.73365	6.706567	10.15159	14.76794	14.55066	10.8963	9.322057	17.67943	15.40175	17.41767	13.47393	21.88907	12.47348	8.947846	21.84546	17.4145	20.81747	11.26503	59.78571	17.89088	
CUST_32231_PI429010886	M3589	0.02336	18	15						67.39787	70.74029	59.38223	51.25067	62.00733	64.32323	50.67859	45.6737	35.30842	59.59032	88.78018	55.98343	48.84923	57.89544	52.46763	89.50659	65.8929	80.72822	89.30785	89.27715	56.07148	106.4397	25.62386	46.59363	93.59991	38.49903	37.95647	
CUST_38779_PI429010886	M30303	0.02347	21	15						728.8915	1016.851	675.9235	715.6525	676.9355	649.1033	701.3851	603.6169	587.4356	903.546	975.2952	911.683	851.0651	914.6851	398.8868	1044.227	1557.99	744.5402	874.9124	1531.156	637.6126	889.3445	706.7803	731.2482	705.5663	490.9356	1183.738	
CUST_3598_PI429010886	N14851	0.02372	24	21						74.58008	110.1036	124.3147	76.60117	111.1756	88.22774	62.16793	85.34367	82.24759	114.9498	127.5355	82.929	93.91055	107.2112	118.3919	102.4301	165.7787	75.33028	126.6031	131.6883	105.57	157.9764	145.3984	116.5927	110.8044	83.29202	63.83994	
CUST_31783_PI429010886	M2403	0.02401	15	9	321458775	hypothetical protein DAPPUDRAFT_300656 [Daphni	Nucleic acid metabolism	Regulation of gene expression	6.3E-29	366.5663	600.5562	505.0665	348.0084	344.9163	304.1627	302.8941	493.9819	568.2036	609.0182	388.5645	702.7008	528.1283	634.9072	522.8025	586.9437	380.124	418.7921	388.1952	526.3482	443.4781	686.5061	561.9199	359.0948	632.4528	417.4973	685.5063	
CUST_44807_PI429010886	M67058	0.02401	15	9	319738740	Paracyclopina nana heat shock protein 90 mRNA, cc	Protein metabolism	Protein folding	1.64E-66	775.6671	1132.649	997.0196	623.9709	863.1365	562.3412	712.7429	863.6121	996.654	1569.952	929.5412	1895.191	1175.839	1431.436	919.3319	1594.841	616.2727	974.3808	773.4201	1284.605	953.9498	1401.401	1115.083	695.5556	1626.337	942.3167	2118.286	
CUST_47297_PI429010886	M75510	0.02401	15	9						157.7661	169.1739	175.3395	129.9842	131.6679	170.5765	127.112	153.376	155.0808	205.1599	113.9031	198.5143	151.12	183.021	186.167	170.0985	154.0879	178

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_20111_PI429010886	N42830	0.01868	21	0						24.54149	27.97387	34.28424	23.70484	18.46027	25.68021	32.35941	18.59558	18.05541	34.48473	23.94321	21.45934	16.62399	21.83723	23.52604	18.62971	20.06061	31.49395	20.68784	19.07106	30.36684	28.78598	32.84186	39.13986	27.49118	24.99108	27.9072
CUST_11438_PI429010886	N27805	0.01873	18	3						15.12815	17.02696	9.156873	17.57242	26.82709	21.51643	16.29159	9.993532	31.13379	13.35309	14.12974	10.09727	10.98742	11.88288	9.456396	28.9598	14.09753	20.54425	19.21762	18.30638	16.96853	19.9741	23.74624	17.0108	18.618	22.29224	5.761486
CUST_14598_PI429010886	N10732	0.01882	21	0						144.2346	126.5686	84.04395	112.9639	101.891	113.8196	66.55641	69.58233	90.40629	79.85552	104.3886	82.64341	84.49247	84.13816	95.75603	125.7869	87.01627	119.1293	73.16394	100.2916	80.72119	94.69116	60.92331	88.86362	80.88726	93.59991	84.98778
CUST_34718_PI429010886	M10449	0.02187	18	9						622.3874	463.5935	431.7288	392.0026	450.9914	437.8204	352.6729	376.0037	309.8242	402.7742	442.7732	473.5692	302.566	400.3298	401.3173	678.3407	531.9567	552.4266	514.6723	479.5081	359.3716	538.667	309.9578	338.0611	647.3023	390.6066	482.287
CUST_35610_PI429010886	M13016	0.02187	15	9						228.0795	285.3755	367.1896	190.8604	140.194	98.75692	170.7553	296.4747	265.1181	364.0324	292.1904	340.5239	234.5938	331.6846	270.0917	294.4572	277.0736	180.7626	275.8944	363.0024	292.5508	323.8163	422.0003	247.3239	409.1687	370.3508	429.4606
CUST_39237_PI429010886	M36559	0.02187	18	9						1565.628	4374.715	1013.924	1511.146	2140.816	1117.627	2346.537	1217.47	3799.249	4635.589	2368.476	7128.301	2107.396	2175.001	3222.703	4571.032	614.8997	3411.47	1617.488	3767.24	1856.885	5974.692	2189.348	4021.809	3883.492	4150.569	4411.84
CUST_42778_PI429010886	M61230	0.02187	15	9						21.66199	20.71812	13.76981	20.52725	7.472276	20.55089	13.64945	25.66555	16.15878	23.50136	22.24949	26.76517	21.83532	51.93461	20.07638	28.14021	17.70313	20.60646	12.50339	28.74973	17.42392	23.063	33.10392	21.8588	31.28165	24.85393	31.33759
CUST_33221_PI429010886	M6323	0.02187	18	9	260794242	hypothetical protein BRAFLDRAFT_114861 [Branchi	Nucleic acid metabolism	Regulation of gene expression	8.67E-09	187.5869	154.2676	237.166	143.5804	139.562	114.3896	144.3781	158.6525	145.201	188.2417	145.4832	159.0925	134.02	165.0799	157.9764	181.9887	155.2787	118.7113	129.0466	152.9208	126.9103	198.6003	154.9827	78.59764	226.7097	163.2051	179.2012
CUST_43732_PI429010886	M63816	0.02187	18	9						11.64471	20.78572	22.59655	9.203374	9.844287	11.42142	10.5667	15.94381	19.43342	28.77061	5.358734	24.92176	11.75847	24.72926	17.46899	30.93077	8.454339	17.20661	7.541361	11.64355	20.98935	27.9072	19.25817	28.20989	24.77058	34.09884	25.87632
CUST_44095_PI429010886	M64933	0.02187	18	9						464.9946	521.7265	643.9207	308.2184	464.9946	416.7544	400.0206	364.8104	481.1352	606.3721	490.7702	542.8448	447.9038	588.4339	506.9726	570.6164	439.7553	496.5233	459.2637	478.2055	485.7919	591.8445	492.0126	451.1707	648.7533	535.2858	582.4599
CUST_44301_PI429010886	M65549	0.02187	18	9						37.16398	34.01329	34.84989	32.71054	32.06861	25.98413	36.93404	46.52112	28.78598	69.46349	51.22479	40.22053	19.86843	22.13925	55.70806	56.85652	44.1892	31.72455	29.53078	36.65319	38.11743	45.28763	43.38758	29.31792	58.14864	139.419	51.30066
CUST_51150_PI429010886	M92373	0.02187	15	9						57.22832	51.37093	65.84868	45.93669	28.71654	20.10077	29.2624	90.62378	72.31183	104.5737	63.68458	74.98811	71.48709	101.6576	58.7202	80.44402	38.31739	44.23444	42.2531	70.83788	36.19875	107.1532	73.39754	31.7359	119.5504	32.92673	78.01256
CUST_51333_PI429010886	M93109	0.02187	15	9						337.9324	305.6076	408.8064	268.6688	345.9993	297.3146	248.5974	313.4226	363.2975	411.3644	313.8962	422.6396	330.882	447.4667	370.6555	442.852	308.8474	368.8573	280.0237	383.7251	304.8063	364.2104	413.9155	339.6585	456.0552	361.7087	474.3801
CUST_4519_PI429010886	N16955	0.02187	18	9						152.8184	762.5883	386.0388	113.4862	197.9029	177.6974	108.3989	154.2483	416.025	1553.73	533.5457	2004.816	366.6536	603.7585	39.21751	783.8018	153.8239	381.2578	260.0114	286.3036	373.3663	472.1948	541.31	111.9958	1383.212	458.6579	2270.606
CUST_21531_PI429010886	N45380	0.02187	18	9						84.93968	33.51061	67.02702	37.75183	27.93228	49.32644	31.84731	47.68335	57.89544	54.54008	37.83427	70.44162	40.34891	63.4424	101.891	65.12567	33.96909	57.49062	37.19463	50.59835	42.00978	73.40872	78.46976	41.71124	76.89998	118.9329	101.9838
CUST_22119_PI429010886	N46467	0.02187	15	0						21.44277	19.11241	27.65371	12.93585	23.32	30.64068	19.92471	17.23883	13.3617	19.88671	23.82763	18.23052	19.16725	12.78761	20.57577	23.91586	19.35261	23.51614	15.24223	20.37942	17.77235	13.87948	7.670181	17.04861	14.18973	18.72449	20.48326
CUST_28747_PI429010886	N58543	0.02187	18	9						19.75556	38.54575	39.58144	26.61439	21.42649	20.70807	18.19413	44.82913	33.33456	41.48365	28.99859	33.12696	35.40982	51.85122	28.81481	32.39452	21.65997	25.35696	19.12543	30.36684	12.47217	35.08291	61.64915	14.50403	48.06558	33.66812	47.39274
CUST_30814_PI429010886	N62791	0.02187	15	9						181.1004	242.0042	247.8745	180.162	176.0053	207.3277	167.5706	200.5697	195.4236	230.9236	203.3538	276.1029	191.528	251.8524	193.5749	238.2063	197.384	230.3934	172.1318	210.676	215.3368	215.6344	230.2231	219.4136	287.1125	219.8489	290.175
CUST_9031_PI429010886	N23963	0.02189	21	9	115345804	hemolymph clottable protein [Litopenaeus vannam			3.11E-15	66.66314	128.2524	17.20887	196.3862	132.652	20.01489	159.0669	415.7405	186.6438	123.3055	402.6363	218.8408	405.2638	82.79408	104.0557	88.41726	148.3243	33.46305	94.62564	478.5158	144.0591	123.1229	53.46055	54.40561	90.38978	102.639	100.5297
CUST_7802_PI429010886	N22106	0.02190	21	12						231.8976	264.2251	295.2655	300.3777	247.2726	340.5239	278.0994	256.8944	318.6212	426.0225	239.571	284.4041	391.346	430.2513	415.7405	405.5199	346.6366	402.3792	273.2194	313.7524	270.6283	306.479	292.0563	255.3857	402.2817	304.5092	387.4359
CUST_44877_PI429010886	M82667	0.02191	15	12	157133857	hypothetical protein AaeL_AAEL012905 [Aedes aeg			2.61E-07	61.6861	146.8499	111.8189	215.028	166.9686	260.2212	284.8452	299.6237	265.2639	295.7576	208.9955	236.7681	314.1625	375.6267	340.1148	221.9563	332.1269	252.5739	316.1885	250.2	178.9072	254.0209	299.5774	265.9437	270.3119	268.4877	308.6668
CUST_49105_PI429010886	M84111	0.02191	15	12						463.3861	401.6619	542.1254	322.2737	386.4471	424.0774	382.663	393.782	475.2865	514.8406	377.4878	666.8781	506.9726	718.6829	794.1984	629.802	341.0906	477.2259	391.5301	541.31	484.2538	607.2425	574.4912	362.9082	650.7381	689.3131	635.2846
CUST_33992_PI429010886	M8448	0.02191	13	6						47.24387	84.98778	40.18446	104.9421	74.61343	86.07302	134.6396	22.58247	133.7064	90.84494	56.96512	131.7341	50.06533	26.01607	37.96902	70.169	73.61433	50.54005	67.7681	68.82274	100.5098	148.0447	42.29841	107.6119	59.49267	57.34886	31.46479
CUST_16955_PI429010886	N37137	0.02191	18	9						5.923247	30.09221	12.99648	60.94428	90.18249	26.35743	60.12977	184.3634	147.0019	29.77528	202.9774	306.5697	119.0071	61.50815	91.82524	NA	46.72053	NA	33.03027	254.7271	211.9851	3.837296	78.39762	48.45297	7.841585	142.8727	177.1792
CUST_11137_PI429010886	N27327	0.02191	18	9						58.65437	34.36554	49.43857	20.85366	38.45723	51.79974	20.37942	14.59908	16.91321	38.77656	50.82151	24.85691	16.8955	34.56933	21.7761	43.02941	70.81749	49.81001	45.12448	44.41428	34.98674	38.04684	41.8249	24.41159	47.23018	26.95518	38.07238
CUST_54866_PI429010886	M108026	0.02195	21	12	390517064	hemocyanin alpha subunit 2 [Caridina multidentata			2.29E-11	NA	91.12979	25.23726	282.7521	163.569	28.02833	119.9123	1083.296	198.4267	126.4216	955.0872	1059.331	2457.891	77.32264	1138.766	NA	435.9034	NA	52.17339	17535.03	372.3592	NA	30.74654	20.97422	NA	414.3494	676.9355
CUST_13056_PI429010886	N30505	0.02195	18	9						11.29332	17.74325	11.65987	7.957708	10.13327	NA	12.47348	13.70505	27.02172	24.89184	14.74027	21.26038	19.74282	18.53515	30.66462	14.23097	5.528263	12.54217	15.74591	24.36264	14.42999	18.39397	8.871706	6.245942	22.13275	12.77756	24.08827
CUST_54700_PI429010886	M107214	0.02197	24	0						41.41686	40.20735	44.4501	43.29309	36.9383	16.37493	26.60787	37.77885	35.74458	40.28418	36.07274	31.68203	18.98615	25.75936	38.16452	47.75744	31.40553	45.78676	38.36474	40.84477	28.57593	40.9306	32.36995	30.93804	60.77185	42.73401	53.99759
CUST_54725_PI429010886	M107331	0.02198	21	12						280.7168	182.3416	210.5448	133.2074	170.0985	175.4362	276.7086	201.1997	138.969	231.6859	173.6625	184.7518	160.4822	124.9715	79.25286	170.2053	208.5959	143.7194	146.7445	186.0597	166.2287	150.5497	193.0385	156.8624	176.0053	235.838	223.7055
CUST_40189_PI429010886	M51523	0.02196	18	12						6240.976	10884.33	8147.956	4388.254	7099.277	6174.548	6925.74	5349.606	7516.748	14375.59	5807.891	8904.357	10200.91	11182.42	11222.08	12502.58	6687.729	10790.28	7516.748	10915.56	7701.667	11289.07	5119.45	6065.211	9183.703	7669.986	10233.27
CUST_37517_PI429010886	M19337	0.02201	18	0						5888.291	NA	5050.626	901.9536	4915.943	4313.91	8313.066	372.6528	95.98918	31.32413	5565.727	6.097609	166.3173	104.8909	88.78823	NA	9219.301	2874.609	6587.101	NA	5130.907	NA	7568.915	7266.955	6.041641	348.4045	11.56735
CUST_46680_PI429010886	M73395	0.02218	15	0						19.11687	16.57544	7.86472	NA	15.86933	12.00862	8.706462	15.10927	5.880062	10.44754	5.701937	9.737989	16.30067	8.648968	NA	18.34346	19.75556	20.97223	12.49275	6.975434	10.80175	15.80873	14.62912	10.4869	9.269541	10.5066	13.4573
CUST_44573_PI429010886	M66357	0.02222	24	15						111.4235	111.9633	162.4256	65.93142	86.78972	84.91262	98.98439	91.14746	102.3423	126.3312	85.36118	134.7073	102.8432	147.911	122.452	135.0089	128.5095	150.5251	126.0646	106.4846	101.5527	121.6679	124.2426	102.0005	178.5939	105.1478	157.0455
CUST_2415_PI429010886	N12299	0.02203	15	9	303277513	predicted protein [Micromonas pusilla CCMP1545]			9.84E-13	80.29008	434.2638	473.6842	36.16119	69.08039	NA	42.72999	313.7524	594.5741	628.3128	398.0093	641.17	260.5083	952.6524	419.4237	451.6758	120.8319	198.5143	298.3902	487.6477	333.368	743.802	467.3451	NA	1494.92	530.5435	1251.3
CUST_9570_PI429010886	N24855	0.02203	24	18						30.34969	34.44235	28.92395	23.68579	30.90181	26.93871	28.11334	15.65642	31.21185	29.99067	34.46151	27.49986	25.09429	34.33884	22.81578	37.10843	27.57791	33.05506	53.22359	35.69567	35.85651	33.76983	23.44093	31.99517	35.678	20.54194	35.33485
CUST_51335_PI429010886	M93133	0.02239	15	3	443695706	hypothetical protein CAPTEDRAFT_227200, partial [			2.48E-18	127.6161	77.31411	128.5363	91.33174	146.902	125.6996	197.122	55.30825	67.62103	42.42919	159.9648	47.80852	71.35403	83.59685	91.50805	104.0821	219.1432	90.59403	161.1033	91.36505	113.4075	78.07189	138.0366	151.8851	63.22526	50.03532	66.53867
CUST_30626_PI429010886	N62264	0.02205	24	15						28.64876	59.84297	56.66591	23.79718	52.68897	29.14874	57.49062	38.19855	25.80604	74.48926	55.4319	83.4507	49.64767	61.5685	81.20466	89.13187	80.15845	57.65114	56.9818	101.9601	77.03965	60.57719	59.28015	20.36313	96.11914	40.1147	80.02167
CUST_27215_PI429010886	N55646	0.02206	24	15						53.03978	45.49238	49.12739	63.50632	42.67635	57.81384	47.87924	45.72037	40.28418	62.2514	49.72048	53.78964	38.35427	35.992	62.32467	64.99075	77.94567	57.86313	69.00612	51.14112	61.31684	59.10759	54.58347	54.87191	66.29488	52.04012	47.7103
CUST_6812_PI429010886	N19353	0.02207	24	12	291243678	PREDICTED: La autoantigen-like [Saccoglossus kowa			1.2E-12	132.2784	120.4142	79.89836	72.3636	87.81308	64.15379	75.26431	70.108	76.55131	169.4652	139.9854	152.1158	61.80458	74.97948	81.81059	176.7991	113.7891	127.8287	94.39898	93.15345	121.8383	196.9596	125.9495	180.0766
CUST_52958_PI429010886	M99599	0.02208	15	12						46.12593	53.48774	38.58794	64.31019	44.17135	90.08157	40.34341	42.83336	23.5201	50.66735	40.05116	47.61652	36.85229	37.02134	36.17443	45.87335	67.16912	54.15061	43.1527	48.76564	40.89955	54.60894	41.50677	40.00171	40.98703	25.86598	31.81303
CUST_19688_PI429010886	N42013	0.02208	18	15						394.2069	366.7345	590.149	183.8709	408.6642	494.9533	356.4277	224.5779	261.8822	327.2675	318.8167	462.1839	257.5442	575.0804	307.5089	399.5497	421.0101	622.5542	214.7012	377.6304	376.0037	507.709	351.2576	194.8105	167.4539	238.8964	250.7705
CUST_13184_PI429010886	N30737	0.02221	24	0			Signal transduction	Intracellular signal transduction		13.68648	17.28035	20.97008	13.07843	9.934601	9.855895	NA	9.800176	11.0392	14.63109	20.25455	NA	9.304008	14.73176	10.10287	11.85473	13.30523	10.6044	8.046291	7.795868	13.8828	15.57864	16.61069	16.14788	20.5737	14.15692	16.90254
CUST_49463_PI429010886	M85738	0.02228	24	6	242019963	conserved hypothetical protein [Pediculus humanus			1.16E-29	49.95685	43.39175	36.99297	25.45947	39.79718	43.35936	45.27903	119.7932	39.43541	56.53962	39.32573	49.73229	36.99297	42.89451	28.15466	37.65478	22.07569	38.42267	29.58412	27.12475	32.74781	35.9416	40.34574	31.10751	37.60419	24.55823	24.76468
CUST_56229_PI429010886	M113201	0.02213	15	9						35.31167	29.98387	42.05465	22.56982	20.82207	28.6271	38.90805	27.4201	33.87601	38.2326	21.33841	37.06438	35.86991	16.7444	53.16758	30.41187	25.9425	31.00505	24.49566	26.14633	29.3391	41.17264	31.64722	33.61445	39.36079	37.41548	39.98138
CUST_33740_PI429010886	M7756	0.02213	15	9						124.728	89.72544	130.9642	43.88802	100.4062	95.96344	99.62003	124.3005	98.03383	126.2074	107.9913	125.9958	98.88783	140.8407	87.11963	74.29008	157.3097	110.3513	76.52417	87.2868	116.2656	119.9288	124.9549	113.9031	151.9294	116.9761	153.4178
CUST_2852_PI429010886	N13248	0.02213	15	0	85057633	hypothetical protein AYWB_353 [Aster yellows witc			6.11E-08	135.3099	213.6671	144.9791	140.6816	194.6782	129.8119	73.95574	62.1958	94.79006	140.8407	120.4829	159.4972	115.9016	136.25	107.3899	161.6167	57.18099	180.5686	93.14117	85.45263	116.531	109.7501	105.9444	91.70502	136.2095	108.4109	141.2095
CUST_7346_PI429010886	N21410	0.02213	15	9	291235045	PREDICTED: glycine receptor, alpha 2-like [Saccoglo	Transport	Ion transport	1.38E-25	68.5761	64.40125	113.5137	74.88	63.05147	77.74288	49.8518	45.39483	77.2245	140.0584	84.20531	142.4863	59.6278	74.44282	85.06299	150.0374	56.89076	112.1218	67.41072	43.30223	58.93488	86.93205	78.88667	101.1723	92.9325	100.1395	92.48444
CUST_30687_PI429010886	M62740	0.02217	24	12						6.44351	40.25214	48.49494	52.44678	47.23018	51.1868	57.9941	46.16699	54.45697	48.78617	61.94492	72.9942	58.62419	71.76497	73.15736	70.86123	184.9155	56.45611	58.64203	73.09157	48.83879	58.4444	61.53098	48.8397	68.5444	
CUST_33902_PI429010886	M8194	0.02151	24	0						32.85525	29.32561	35.24411	32.21966	17.17879	25.39002	21.79167	27.97056	20.37181	30.69887	27.48409	33.72145	20.96791	31.08481	20.71589	24.24945	22.29224	25.53642	26.13341	20.17771	23.80497	18.40232	32.30669	31.32413	32.57877	35.24411	42.51692
CUST_9628_PI429010886	N24953	0.02157	15	12	478859730	glutathione S-transferases [Macrobrachium nippon	Metabolic process	Cellular amino acid metabolic process	2.24E-58	448.8586	1455.397	1029.32	817.4781	276.4162	362.1966	323.4981	417.0088	397.5988	1032.186	355.116	1005.284	1080.128	1070.179	1154.959	760.0645	363.4546	311.0329	309.3892	947.2744	324.8235	527.2284	626.4662	305.8476	182.709	925.4363	1209.913
CUST_69_PI429010886	N298	0.02162	15	12						24.35681	31.8356	38.63168	40.56586	25.32554	55.29787	21.63352	25.62143	15.99082	25.37501	22.48019	44.57334	36.57035	39.50189	41.96451	28.65673	28.08233	30.02913	26.05504	31.54083	35.38892	23.531	29.8401	25.56096	29.72221	34.30407	29.17357
CUST_15691_PI429010886	N34983	0.02162	15	12						65.72077	138.7005	149.974	72.44248	90.52141	123.0412	123.1997	90.79757	138.4789	98.34685	126.1505	192.557	120.6234	171.3867	141.6752	104.7962	124.2579	177.0624	88.19572	115.4907	94.67269	131.4929	163.6107	115.6165	158.2913	120.4315	172.6317
CUST_27327_PI429010886	N55852	0.02165	24	15						33.10045	27.08074	38.92892	24.6789	25.50611	18.01506	28.09932	21.14959	23.8296	32.17296	30.18791	30.63064	20.65238	33.92714	32.28425	55.86399	38.99142	37.72041	35.03522	27.80787	13.87826	39.58144	28.20666	15.25972	35.66685	23.43812	31.27363
CUST_10300_PI429010886	N26026	0.02183	24	6	322791130	hypothetical protein SINV_06374 [Solenopsis invicta	Metabolic process	Oxidation-reduction process	2.33E-28	40.92745	84.57831	71.94024	41.60369	22.41298	NA	60.93069	111.2059	42.32326	55.95035	41.53959	30.77101	23.05184	16.79088	23.6887	22.43908	NA	8.781809	8.664964	39.79718	19.42496	NA	104.3119	42.84203	NA	27.81087	16.3703
CUST_45810_PI429010886	M70366	0.02185	24	6						NA	158.5157	139.1997	181.8416	342.2472	200.1336	NA	1172.181	1568.166	11.48964	261.1858	133.9495	30.56491	194.0962	33.99968	NA	163.8253	NA	236.7279	1110.444	161.4564	3.318802	24.87526	7.922723	3.989484	4.139836	NA
CUST_33447_PI429010886	M6907	0.02214	21	12						22.89148	23.7918	20.23079	16.70757	17.69032	10.9225	24.26504	20.58918	27.384	37.47537	17.22674	16.16875	24.0077	82.00472	23.88653	24.44489	23.9514	19.75556	30.73213	16.26432	31.05637	28.73136	26.03903	21.2607	23.26041	14.96828	15.036
CUST_16480_PI429010886	M36306	0.02214	18	12						353.689	363.8038	258.6275	197.4111	181.1453	207.2202	206.8587	144.3246	208.4295	159.8985	157.9551	166.1805	222.7291	273.1232	329.6878	301.3854	215.6562	360.1411	233.7145	247.3429	263.1472	154.8241	192.6463	192.4263	192.4263	
CUST_24427_PI429010886	N50608	0.02214	21	3						242.9704	223.7478	257.2859	292.3676	236.1246	423.767	205.0143	203.8319	244.3099	248.4663	213.1848	318.8664	157.6874	231.2637	235.6934	225.693	243.0281	356.7855	265.6599	207.6194	221.6861	273.965	289.4881	272.1063	315.0245	453.5801	296.9872
CUST_37376_PI429010886	M18825	0.02215	21	9	256539086	fatty acids binding protein [Fenneropenaeus chinen	Symbiosis, encompassing mutualism through parasitism	Viral process	1.79E-31	3610.458	4080.667	2288.66	2569.563	4842.442	3610.458	2377.614	6260.184	4882.08	4733.383	6116.034	10401.6	3908.116	3759.753	4959.867	3031.864	2915.652	3604.11	2538.071	11222.08	6544.343	2108.426	3186.032	1716.583	3977.496	5492.691	6516.822
CUST_13975_PI429010886	N32113	0.02215	24	18						484.1582	533.5457	530.9675	409.8763	464.4064	410.239	442.7732	427.1137	464.5441	478.5158	483.2456	545.9123	459.7686	510.5227	504.1608	694.5441	510.5227	532.0502	576.5142	595.7445	478.4338	574.1082	472.8988	365.9997	678.2021	404.4491	607.4385
CUST_23940_PI429010886	N49735	0.02215	15	12						32.34622	19.56461	50.91495	32.20795	35.23447	83.06141	73.88403	38.85712	34.37569	36.87579	21.14283	6.082494	29.00481	30.87561	15.4721	21.55311	70.35427	24.6038	49.93144	8.037888	32.33619	108.3037	52.76183	48.48504	26.65768	49.58479	20.59992
CUST_44881_PI429010886	M67306	0.02217	18	12						16.04554	12.97975	17.96838	14.85935	20.87033	14.72118	20.06405	49.9806	42.1391	51.67859	42.09086	20.20177	39.22239	69.18246	29.44199	19.74282	22.30489	15.88012	35.62474	12.23764	21.5971	34.21062	16.8666	23.67732	62.06295	12.81312	38.32695
CUST_44434_PI429010886	M65978	0.02219	15	0						452.0017	309.8951	364.8104	428.4141	312.5243	509.603	432.0274	375.0345	262.9091	292.4718	294.3403	198.0363	285.2001	255.0348	266.851	395.6626	560.1437	382.5164	452.0017	230.254	303.7146	285.4947	378.265	463.6969	231.4586	273.6399	220.8734
CUST_7791_PI429010886	N22079	0.02233	21	6	390355103	PREDICTED: 2-acylglycerol O-acyltransferase 2-A-lik			5.74E-20	9.092072	9.258755	6.546282	18.1208	16.12591	11.58371	25.03495	41.60369	28.87134	8.316685	44.45342	41.12787	27.02172	9.800176	22.72441	18.12996	9.993532	13.6193	12.32915	70.40792	20.55089	30.12445	5.69423	12.2919	13.87032	17.54318	16.85059
CUST_31459_PI429010886	M1573	0.02247	21	18						214.1332	213.7556	150.5251	176.885	158.635	138.3597	130.4407	115.6651	115.0894	192.9519	156.7999	212.9853	132.6083	178.0976	175.8238	202.1751	139.9664	140.2218	227.2769	143.6248	126.045	205.9317	175.5504	184.9236			
CUST_33333_PI429010886	M6616	0.02247	24	6						357.5465	931.4066	414.3494	1334.604	841.0533	596.8255	1121.554	1136.737	1371.349	968.3869	892.629	1871.332	1114.351	1025.99	1073.527	1865.638	1882.723	937.0403	2585.542	886.1021	1593.628	762.3115	953.5865	467.4407	961.5038	714.733	1295.233
CUST_41158_PI429010886	M57018	0.02275	21	12						55.84117	46.84072	39.22918	32.51731	53.37349	27.38056	29.56761	24.23621	32.22506	51.35337	16.0606	48.3768	27.25419	30.07667	22.97432	42.60531	40.90818	25.84583	57.5717	28.22043	52.91645	44.25721	48.90708	43.62743

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_35731_PI429010886	M13336	0.02263	18	9	326579693	JHE-like carboxylesterase 2 [Pandalopsis japonica]			3.44E-60	32.21099	34.14862	51.62109	25.5649	10.26743	14.72238	27.64994	22.42169	42.74237	42.83757	33.35513	27.95265	27.66624	27.80089	33.45023	33.29815	32.70344	15.10512	13.90831	34.21062	15.59997	25.68325	18.65856	20.69967	26.45134	26.19976	22.47267
CUST_7225_PI429010886	N21128	0.02691	15	9	283138829	endo-beta-1,4-glucanase [Coptotermes formosanus	Metabolic process	Carbohydrate metabolic process	3.07E-51	5.336261	6.298477	NA	10.44576	8.396527	26.57271	8.475934	62.60675	32.07598	11.26061	48.69863	37.83427	15.06396	7.563005	11.16007	7.593357	9.187257	NA	8.163573	37.19186	14.6546	9.253041	14.41094	NA	9.757187	19.63409	
CUST_13716_PI429010886	M102893	0.02711	18	15	307212792	Sterile alpha and TIR motif-containing protein 1 [Ha	Signal transduction	Other	2.82E-33	31.30771	22.56982	35.47721	27.22941	32.63905	26.50017	26.88741	21.4644	26.93627	28.19636	34.2205	24.79214	19.14111	42.2806	36.115	25.77541	31.44457	38.28234	56.2163	34.24386	28.06124	33.17041	33.11438	29.76829	20.28929	22.84941	25.53352
CUST_14583_PI429010886	N33116	0.02722	12	3						106.5468	67.92832	23.61053	189.267	95.37902	298.4347	106.1516	65.79499	43.27701	4.931371	78.84468	3.685126	66.97799	13.24115	37.38785	44.48912	190.9766	166.1109	102.2299	16.27641	42.71853	38.30957	21.02813	112.8438	8.822611	62.53094	7.02868
CUST_40817_PI429010886	M56157	0.02724	24	3						43.48001	32.61136	13.7828	59.80108	34.48913	44.38974	32.75767	34.14862	28.55766	29.20057	18.05975	29.13011	41.12787	27.18775	24.20666	31.53803	20.21835	28.39426	25.56884	20.99955	25.55814	37.26633	19.64586	33.21734	32.46954	30.86904	19.80974
CUST_48543_PI429010886	M80903	0.02724	24	21						86.36905	84.08227	86.45155	86.58356	74.15763	67.91738	71.57902	71.08447	74.75705	98.57526	92.96667	85.75328	75.69546	122.6286	85.29111	79.82568	95.98918	81.37626	68.75407	87.86031	90.69277	109.0963	113.4637	103.6058	122.5319	102.6011	89.69655
CUST_34069_PI429010886	M8668	0.02724	24	21						50.7913	102.9667	79.56143	66.28856	50.21619	41.06999	32.98295	61.88462	66.4925	109.6112	56.28989	81.31167	75.25456	69.31912	58.04233	97.09132	65.09833	95.10396	65.23612	73.49284	75.91487	85.74608	124.4949	88.28345	83.61604	94.32297	74.26685
CUST_32062_PI429010886	M3141	0.02751	21	9						12.14326	19.14544	17.11711	35.33784	35.27881	24.15872	26.18577	182.2902	79.67757	16.45485	630.9156	839.8931	140.1157	23.11258	71.24301	23.96699	96.96512	9.676508	23.50904	579.2037	65.93703	21.35972	15.58239	31.16623	11.63852	66.03172	83.62457
CUST_12_PI429010886	N1176	0.02751	21	3	371591210	Euphausia superba voucher 980349 mitochondrion,				84866.33	50702.21	78574.02	89222.73	98448.52	88276.1	88771.33	86045.29	78891.09	104141	88276.1	80636.04	92843.62	56627.52	53582.06	64571.61	81077.7	52133.5	47060.78	70048.09	90253.54	89699.25	87164.76	88276.1	91927.09	94450	85436.14
CUST_2373_PI429010886	N12208	0.02768		9						101.6252	159.2127	124.3983	125.1451	133.1932	142.5887	145.9962	104.4433	159.5684	153.8044	152.6328	163.7665	123.3316	187.4537	129.9706	125.0614	121.9963	139.2323	104.4054	120.6877	160.3449	130.2006	169.9686	180.4095	176.3364	155.4298	200.6444
CUST_326_PI429010886	N3906	0.02281		0						199.5478	NA	366.5663	95.97714	97.2708	188.9473	420.8347	162.5891	85.17905	61.68471	203.0375	8.518007	84.89465	93.72794	23.75346	NA	410.1622	189.8316	271.0212	NA	281.9234	21.25262	213.1195	239.0183	25.71973	54.15621	25.42895	
CUST_11129_PI429010886	N27110	0.02853	21	15	242007148	CRSP complex subunit, putative [Pediculus humanu			1.36E-32	4.582799	7.708974	NA	7.840127	5.163161	NA	NA	3.228837	6.413493	8.673687	4.028405	NA	5.949232	10.02652	8.486348	8.960873	9.460042	12.32047	NA	15.37012	8.711267	6.884007	NA	6.18554	12.94753	3.160393	4.656197	
CUST_47881_PI429010886	M77998	0.02816	24	0	170819724	reverse transcriptase [Daphnia pulex]			3.93E-11	32.88602	32.07184	42.61497	17.03915	24.74877	18.79454	30.50923	29.80377	31.47236	22.61587	20.96593	21.51643	18.48864	38.9709	17.87442	31.13099	23.46752	32.6954	32.363	26.52453	19.42689	57.84964	40.00557	24.67666	43.42171	28.71654	31.8
CUST_3492_PI429010886	N14613	0.02826		15						47.1063	29.00481	28.09932	27.79511	32.48228	58.64138	42.38554	33.25306	34.63137	61.05832	48.65694	62.82655	52.12912	47.0845	50.76541	66.59221	64.9677	42.26034	59.68907	58.80718	59.26817	59.64714	20.10533	NA	51.14292	42.68895	42.47769	
CUST_50794_PI429010886	M91031	0.02834	18	3						14.86246	9.020299	16.11615	12.84883	22.39477	19.3658	20.12835	7.693635	6.051294	9.384386	8.653249	7.454608	4.944022	NA	10.73106	12.60453	9.464207	NA	16.79285	9.506797	25.78299	10.76813	13.65696	29.02323	22.4878	11.83225	15.59286	
CUST_38924_PI429010886	M32005	0.02846		9						101.0263	67.08962	90.16303	51.37508	53.90994	26.87538	88.90431	87.36382	92.43125	288.9883	62.42674	108.4775	146.0101	147.7053	104.976	86.21546	56.57261	64.37974	190.3154	83.00511	82.05363	122.0703	124.1661	77.33177	63.43062	107.7922	260.055	
CUST_1431_PI429010886	N9606	0.02875		18						279.8719	417.4014	456.6758	307.3807	273.0127	348.8261	192.7945	348.2614	419.3343	394.3816	385.0916	805.0049	512.4566	747.4574	689.0956	591.2615	352.188	439.5513	434.5491	552.3175	441.0416	438.7455	508.1895	264.7951	666.1474	554.0852	538.0354	
CUST_36878_PI429010886	M17120	0.02883	12	3						83.37454	64.72483	50.17569	97.73561	101.3914	148.9405	86.84519	60.26917	45.57502	58.54952	84.45921	60.04192	64.26189	68.1364	52.70775	82.71912	101.6113	106.5981	115.7238	51.30486	76.23608	67.41072	72.90791	93.42325	61.52513	54.76027	59.51435	
CUST_5452_PI429010886	N18724	0.02883		9						2213.328	3126.195	2388.967	1312.967	1378.873	1193.941	1428.874	1773.273	1834.08	3024.762	1778.896	2416.782	2012.591	2056.54	2181.474	3143.095	1622.403	1657.221	1863.078	2315.282	1948.38	2156.875	1936.604	1295.841	2368.476	1883.703	2800.799	
CUST_7015_PI429010886	N20917	0.02886		21						263.1737	117.1499	484.8203	37.55188	92.47211	12.28125	208.9955	324.7416	297.3146	217.0599	124.4616	152.8184	45.53002	7.057042	32.10959	NA	83.34341	8.578143	66.47359	104.46	58.14864	NA	322.4251	102.1471	NA	151.8403	150.5702	
CUST_56313_PI429010886	M113476	0.02909		24						20.01149	22.55992	35.40201	32.16411	13.04571	37.12735	9.703156	16.27976	21.86356	22.6017	23.99191	21.94448	16.15585	26.08713	34.30407	17.90583	47.96622	36.3007	23.66736	28.76281	17.23726	38.10884	35.49703	30.34438	33.7306	32.36622	41.65038	
CUST_35638_PI429010886	M13080	0.02909		21						265.4463	383.1748	222.7897	259.2052	301.6337	264.7596	191.7287	230.5542	187.0261	266.5934	289.7899	346.4157	283.2143	271.5235	239.1825	319.2639	386.1115	340.0507	375.0429	294.9446	231.6112	344.6094	282.2712	300.6444	339.0179	218.2442	277.3264	
CUST_19125_PI429010886	N41015	0.02291		0						95.689	85.95	72.07584	82.85967	73.66521	72.69379	51.6678	55.22248	43.21618	78.80354	58.64723	69.38283	54.15621	69.73102	48.59055	87.97637	76.15742	74.75705	72.8924	65.93142	70.64122	92.56423	63.30844	78.80354	105.3539	71.29059	75.33028	
CUST_37169_PI429010886	M18077	0.02916		12	328700186	PREDICTED: lactosylceramide 4-alpha-galactosyltrar			6.61E-16	12.40087	6.908042	16.32095	4.675508	3.909968	6.786633	13.90091	12.29489	9.632488	11.41745	NA	12.28249	14.98837	18.66977	6.625606	6.413493	6.811352	NA	6.608238	NA	NA	8.172783	22.04311	20.00677	12.62191	NA	9.04725	
CUST_45706_PI429010886	M69998	0.02917		18						42.85091	62.79742	77.59246	56.55039	68.63241	67.19434	60.91532	44.34868	67.12853	49.10837	56.00276	37.12735	27.68808	55.20237	54.75352	33.13396	44.64106	55.80731	67.22077	14.67638	43.44238	46.55207	67.52161	68.6762	47.07665	58.94983	64.88975	
CUST_45215_PI429010886	M68354	0.02917		24						216.8689	224.3925	242.0042	158.8514	225.4823	281.1462	175.4895	143.4291	146.3399	272.1926	258.7017	245.0284	112.0385	171.5147	154.1768	300.2764	323.2711	313.9465	255.0746	241.4805	279.6215	269.8218	175.2864	207.6455	339.8879	206.4448	274.4437	
CUST_11829_PI429010886	N28477	0.02918		15						560.3037	667.7123	636.6917	463.903	512.9488	599.2901	553.6437	521.5716	610.8058	370.5671	543.5013	681.8773	604.5341	699.4291	717.4734	914.9994	635.9764	649.5445	677.5621	699.0502	491.0083	651.6164	465.3498	459.5005	685.1065	499.9431	543.1668	
CUST_31763_PI429010886	M2345	0.02927		21	383856339	PREDICTED: Megachile rotundata cyclin-dependent	Protein metabolism	Cellular protein modification process	1.46E-51	2124.898	3929.651	2814.544	9795.872	4094.84	3968.239	2189.348	2480.699	2476.731	3156.693	1335.109	4455.764	1324.694	2306.592	2483.895	3638.002	1060.588	2630.661	1377.953	2466.842	3333.763	3968.239	3815.349	2410.357	4876.999	3459.777	2089.376	
CUST_56_PI429010886	N259	0.02983		0						1930.669	2955.19	2004.816	1841.426	1505.495	1543.721	1426.122	1518.655	1720.979	2020.188	1495.765	2076.382	1726.714	2211.182	2856.456	2935.657	1461.877	2114.712	1571.524	2258.839	1732.866	1883.709	1930.669	1707.181	2348.331	2428.103	2352.559	
CUST_51941_PI429010886	M9574	0.02998		24						55.13629	61.5685	60.2105	14.64645	35.03861	NA	18.91531	35.4728	45.28288	144.8143	57.04658	251.4349	NA	17.2797	30.63709	108.2888	11.12509	26.56221	61.09904	17.54073	56.8218	NA	61.96906	NA	36.30865	25.6197	34.02862	
CUST_36740_PI429010886	M16714	0.02995		24						230.3269	220.8169	160.4181	165.5224	198.5143	184.1659	213.4663	194.777	177.1551	255.6621	150.1195	198.1863	208.2838	208.3184	229.2792	270.0349	191.9895	204.5255	209.3879	249.7604	224.0471	265.7722	274.5343	250.2477	314.8276	249.1724	281.7135	
CUST_32563_PI429010886	M4439	0.03007		15						21.11687	71.17303	54.56432	10.2415	4.778031	NA	4.371588	60.24939	91.54224	105.7694	55.74802	83.63285	37.74785	123.2283	58.5117	50.131	18.25747	30.3145	56.94451	77.66626	52.39551	141.0258	44.15212	NA	247.7341	96.09446	134.3159	
CUST_44490_PI429010886	M66128	0.03024		15						16.13721	16.64512	15.56753	16.7648	12.9711	12.81767	16.83531	14.96077	16.03304	18.99745	22.3788	17.02546	17.38288	23.21852	20.95213	20.84836	10.73906	15.81556	20.97422	13.47795	18.65486	19.2789	19.50301	19.22446	19.18487	25.73562	27.62424	
CUST_15577_PI429010886	N34817	0.03033		24						20.98763	18.85808	14.24976	20.80857	17.78619	17.64058	14.37012	13.43914	12.53584	21.13597	9.501422	15.05158	15.35258	10.90408	12.43735	12.01996	10.02996	8.663836	15.87862	NA	17.12071	10.68037	4.74894	5.282757	32.44398	12.56262	13.07843	
CUST_39234_PI429010886	M36530	0.03039		18	77743875	Euphausia superba isolate DGGE band AntEuk13-5				54.43748	62.71939	47.28217	52.38937	66.5854	56.31693	48.05138	61.5801	54.88431	80.27864	66.37927	85.30129	71.64903	90.25676	72.19392	71.34979	46.67338	67.44354	56.57261	57.75281	60.99125	69.85985	72.43161	48.49494	58.10931	63.87286	70.04597	
CUST_2276_PI429010886	N12010	0.03039		24						NA	252.3543	10.95075	480.8955	125.719	440.428	768.0399	35.29716	645.5341	7.489011	58.33665	NA	NA	NA	14.28453	9.505528	29.06247	37.68617	234.0614	5.97707	5.773804	8.925496	NA	65.64051	39.00007	NA	23.31758	
CUST_50203_PI429010886	M89017	0.03079		9						552.1675	675.5498	622.1973	522.4048	467.8704	529.9042	446.9611	454.4901	543.3625	698.8251	475.6507	1166.811	480.5601	573.39	666.3149	671.5411	533.4173	575.5153	423.8598	586.0335	495.5775	549.6818	448.4129	464.5441	608.5272	634.2891	741.7837	
CUST_2395_PI429010886	N12259	0.03079		21						17.77636	26.10463	26.92502	19.6594	10.65431	17.11883	11.25121	8.535901	4.636066	20.76453	19.96799	17.51738	14.78884	21.4565	14.07399	23.79718	5.161394	18.36165	15.82481	15.83863	6.727538	27.21328	20.83932	19.78047	17.03463	21.25435	25.12826	
CUST_7973_PI429010886	N22555	0.03208		24	528494560	PREDICTED: uncharacterized protein LOC571260 isc			2.35E-63	55.04733	69.53748	58.544	52.92115	60.49322	46.26383	51.02755	44.6026	55.54708	50.87205	48.95474	90.38098	93.06616	45.39895	56.56158	43.51237	33.36548	37.30507	56.86246	106.8412	76.13058	48.06558	51.80921	48.93138	55.15882	54.99254	72.62704	
CUST_56189_PI429010886	M113059	0.03008		24	308512488	Caenorhabditis remanei hypothetical protein (CRE_	Metabolic process	Carbohydrate metabolic process	1.99E-53	7.326709	16.76094	12.55296	11.22853	12.09699	8.289001	7.335496	5.025247	14.13095	22.8445	11.59565	19.91122	17.56349	24.52916	18.6269	16.97468	NA	17.56349	24.52916	18.6269	16.97468	NA	17.56349	24.52916	18.6269	16.97468	NA	17.56349	17.96612	
CUST_37987_PI429010886	M22615	0.03101		12	225680773	predicted protein [Paracoccidioides brasiliensis Pb0			8.48E-07	NA	17.8956	NA	5.398604	5.799915	NA	74.43452	20.4413	84.53623	16.22239	9.460042	38.02052	145.9425	142.1431	60.07749	81.46986	131.7044	11.21303	5.795169	24.44087	10.38684	53.46776	49.18958	4.107908	134.3489	15.27365	269.1187	
CUST_33612_PI429010886	M7425	0.03108		24						132.3396	135.3397	119.1024	98.70636	134.9903	119.2791	126.8944	91.31323	108.8006	144.0267	119.8572	142.632	132.2443	129.1538	145.8455	175.3631	99.87407	129.2905	149.9331	169.8261	143.0236	158.496	122.2373	119.508	152.6328	102.022	150.9847	
CUST_7145_PI429010886	N21105	0.03108		18						1624.747	1990.565	1740.855	1905.993	1966.099	1627.141	1294.143	1156.123	1193.094	1866.472	1656.441	1762.677	1305.705	1743.746	1679.237	2939.878	1598.927	1736.508	1769.215	2088.06	1638.912	2408.505	1467.586	1363.213	1709.2	1328.52	1460.496	
CUST_7444_PI429010886	N21561	0.03115		12	321469997	hypothetical protein DAPPUDRAFT_303691 [Daphni	Developmental process	Nervous system development	1.81E-54	131.1671	177.2148	115.3764	103.4856	96.10628	73.81964	87.90722	115.6759	121.6056	158.496	138.9958	144.1199	131.4929	134.595	125.3729	175.2604	92.32556	111.9496	128.1244	177.5678	148.0995	151.9691	148.2643	128.8549	120.8512	139.359	152.5175	
CUST_18717_PI429010886	N40283	0.03132		15	307200827	Uncharacterized protein C9E9.15 [Harpegnathos sal			2.36E-24	15.33408	15.66502	25.14408	23.37181	23.194	23.58263	13.76206	15.83087	22.78329	11.53559	10.93941	20.01489	10.17467	13.67523	20.55898	17.43627	18.50256	20.11049	19.8522	10.37845	24.55823	20.11049	24.43879	19.3376	9.089436	17.18186	12.85382	
CUST_43699_PI429010886	M63723	0.03149		12						173.1369	236.856	234.555	192.6124	156.9336	187.5065	163.0075	173.9653	221.3497	226.242	192.1754	254.8048	193.9282	341.2566	271.6624	231.8131	201.085	204.7885	211.2278	239.521	224.6063	221.8177	235.8718	212.8057	250.2477	272.1441	265.1519	
CUST_2771_PI429010886	N13073	0.03149		12						289.0715	268.8761	239.6937	179.2925	210.4017	181.9887	206.2372	237.5448	230.8646	260.1385	217.2745	254.5885	235.6934	249.8933	272.7999	229.9104	243.3133	251.8524	244.8254	244.1579	249.3051	293.013	253.2546	259.5794	300.9857	205.4212	305.9676	
CUST_17453_PI429010886	N37987	0.03157		24						6.411759	5.94198	7.834552	NA	4.470524	22.64343	11.08749	26.11497	13.73574	7.478506	8.960873	31.93333	4.046793	NA	NA	8.155994	7.113361	NA	5.224196	5.890122	11.16121	8.178429	4.235116	3.687201	12.72278	6.606034	9.435368	
CUST_19293_PI429010886	N41357	0.03173		24						418.0284	230.7517	279.9837	306.0346	332.1642	483.4448	338.0013	299.837	240.2928	251.0973	282.1142	265.0157	276.3901	212.8057	232.1034	254.2614	418.3207	264.4134	284.7215	261.9355	209.5129	267.2268	263.1659	266.3583	268.545		
CUST_31696_PI429010886	M2190	0.03186		21	321469587	hypothetical protein DAPPUDRAFT_304152 [Daphni	Metabolic process	Generation of precursor metabolites and energy	3.15E-21	12.64389	95.65165	37.65902	150.5497	212.1945	18.74035	115.3428	587.6341	517.4057	154.5247	733.1697	821.0172	353.4537	60.24307	176.0509	5.967104	195.3573	NA	45.61861	1463.822	526.5682	18.6314	82.85967	68.79393	4.129176	463.9991	277.2458	
CUST_49083_PI429010886	M84000	0.03186		3						74.73352	104.9497	66.13621	86.16637	74.92071	98.70636	46.31902	62.23219	68.1923	88.46488	49.75477	79.28399	71.82501	60.6558	50.70831	88.71715	60.15877	65.08584	76.29064	71.52214	104.3393	81.58984	76.31563	104.9253	116.1332	72.81129	103.2411	
CUST_34332_PI429010886	M9346	0.03194		15	67625699	TPA: endonuclease-reverse transcriptase [Schistoso			2.97E-33	142.8582	152.2451	184.9825	146.585	126.6828	128.3244	109.812	147.0211	157.8626	205.5044	164.1721	185.5006	167.1087	203.3901	217.8838	208.936	150.434	162.4256	143.8832	208.3478	124.7213	191.6952	209.0603	157.0455	179.9875	142.7716	194.6574	
CUST_29116_PI429010886	N59229	0.03217		15						13.88785	13.15317	NA	9.549172	6.836925	NA	10.45244	12.70382	6.289108	13.58569	19.66703	18.60572	15.15241	20.75304	8.639749	24.93734	8.356596	20.31071	10.24027	13.5817	11.38442	15.5488	16.77607	13.91491	19.58231	21.62181	19.7129	
CUST_24016_PI429010886	N49866	0.03225		21	241255103	FERM domain-containing protein, putative [Ixodes s			2.04E-28	16.79903	22.6112	29.11901	18.8295	14.68592	18.53311	10.82657	8.73506	9.655515	21.14025	9.583323	25.54204	20.29574	14.05923	23.64437	20.75152	10.46161	25.73774	19.20978	15.33118	13.80995	28.16499	20.16285	24.76116	15.54715	11.24691	20.26494	
CUST_42064_PI429010886	M59300	0.03241		18						224.015	264.9246	195.2959	245.6501	245.0768	233.7917	176.2005	200.6692	201.5551	216.8379	206.8341	238.5792	201.3287	204.8478	239.7427	273.8764	209.7275	261.511	254.5885	244.2771	214.1014	262.4649	217.4042	233.9335	229.6885	174.126	192.6124	
CUST_12001_PI429010886	N28759	0.03256		24						114.4015	92.95468	99.88549	73.02744	76.14971	76.94138	71.34779	60.79572	68.00621	59.22278	86.99215	120.7327	64.03635	91.04966	83.63981	98.01409	91.48208	105.0612	115.5186	110.273	81.08583	94.64608	81.92166	89.84183	113.6504	111.5705	112.8118	
CUST_37282_PI429010886	M18493	0.03263		15						435.2247	426.2225	584.5557	351.983	412.3362	416.2434	451.6758	503.3426	459.5005	611.8341	418.7921	506.24	430.3425	439.0329	447.6451	463.3861	428.865	375.7452	379.3496	385.8062	391.819	334.9967	522.8025	346.9119	463.7968	394.4542	549.5559	
CUST_44027_PI429010886	M64669	0.03265		21						21.04007	182.3659	232.4315	185.8695	234.2305	167.5706	165.1538	146.4805	159.32	207.853	168.329	224.1509	171.3364	208.515	190.8326	201.3867	173.6165	208.4134	208.1455	190.1909	204.6336	196.2907	102.6367	230.7829	230.1619	258.0874		
CUST_38153_PI429010886	M23700	0.03268		3	443701822	hypothetical protein CAPTEDRAFT_206264 [Capitell	Protein metabolism	Proteolysis	2.93E-08	144.0267	10.85125	NA	527.0813	108.5223	885.0858	125.6016	151.752	44.38038	5.701277	16.88136	NA	88.18553	NA	46.67853	15.15241	446.4087	449.1802	39.53295	NA	18.13226	7.065415	10.55447	363.0918	NA	294.5278	NA	
CUST_2991_PI429010886	N13558	0.03272		24						11.23989	7.862605	9.933074	6.834339	8.421448	6.939821	6.385249	12.91494	9.397921	6.736876	4.504502	16.1429	NA	3.916306	10.35656	8.801809	7.54037	13.20951	10.55129	5.975832	11.24522	14.1684	19.67133	14.62416	8.457009	12.07791	16.68621	
CUST_9662_PI429010886	N25011	0.03305		18						39.65895	25.60131	47.21351	91.1558	79.09571	256.0552	62.85713	47.9222	41.9046	28.6993	53.14405	14.19523	36.51599	35.02024	16.17931	33.89069	68.71451	123.9463	44.53615	20.55297	72.96725	51.49206	41.42947	99.03782	24.0705	115.9694	27.91558	
CUST_48960_PI429010886	M83211	0.03316		15						15.036	17.73142	30.78534	24.28604	21.89788	27.15098	24.66568	21.34327	21.50201	29.58077	32.5763	26.05952	15.32478	15.7177	28.6303	21.1696	28.9143	16.40453	21.86589	19.18101	14.80982	29.29243	24.56592	28.50866	39.53295	27.34334	33.48474	
CUST_19193_PI429010886	N41141	0.03333		24						11.20426	14.10504	16.5954	11.09945	9.779594	13.13833	3.414573	8.115242	15.228	11.56124	10.9756	23.32	12.65013	26.38163	9.121241	15.78045	13.93595	16.97989	13.26879	20.46944	17.55722	26.79789	12.91624	12.95283	12.33047	12.81122	25.68589	
CUST_9808_PI429010886	N25236	0.03353		21						347.9148	540.0536	397.5988	301.3697	268.3811	197.2996	292.5508	279.8319	238.4211	379.882	363.7161	274.3455	227.9427	262.3746	234.1059	440.3254	305.4951	308.6668	419.0394	273.0635	310.0283	590.149	370.7278	321.8964	510.1908	216.65	361.0091	
CUST_13270_PI429010886	N30888	0.03373		12						65.76284	74.92071	59.59632	108.6304	73.97012	145.861	76.69076	84.07185	51.5653	76.58426	56.67223	48.99561	62.1958	46.26383	59.04714	81.17779	95.87365	93.96395	62.65132	52.63381	62.59848	67.40392	69.25418	59.49267	61.61655	74.79904	50.33907	
CUST_22537_PI429010886	N47203	0.03375		18						39.7525	37.60789	49.24106	63.29578	40.70657	70.52611	70.73325	49.75939	42.0436	53.96058	35.53596	58.82472	41.80456	52.55217	49.63764	37.50197	28.1812	40.5937	27.93572	32.42452	55.18575	57.04658	65.49092	43.06091	47.22465	70.32347	39.52535	
CUST_12191_PI429010886	N28240	0.03377		18						43.40065	51.01157	57.60056	50.09589	43.86454	46.20496	19.77865	37.80277	47.88363	56.04356	44.62585	77.27026	47.19565	70.06431	55.50473	80.82297	46.75333	61.07679	63.22526	57.65114	62.71939	51.43059	43.05056	28.13108	45.22744	60.99125	52.79712	

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_21782_PI429010886	N45845	0.023865	15	9						22.97663	12.02328	18.24285	27.36512	18.69493	56.11071	19.97654	16.84886	12.94311	50.08673	36.06457	78.74982	15.5279	33.30987	34.74405	21.52428	9.439346	13.45887	44.9603	28.7018	15.84737	14.53418	20.75935	42.43668	28.84702	52.5224	37.16398
CUST_12120_PI429010886	N28960	0.023875	15	0						176.2631	180.6083	138.6617	109.5894	130.8991	108.2633	101.92	114.8783	108.3989	140.2989	128.0141	119.9711	122.3027	119.6154	139.4507	166.4042	133.1717	133.5939	144.6167	127.0971	124.2426	133.2442	127.0219	110.2048	184.8973	138.9124	144.1009
CUST_245_PI429010886	N6	0.023886	15	12						10.22956	5.654326	22.91473	7.828316	10.00209	19.26372	13.26879	21.35581	20.6434	29.30417	29.05431	26.84868	12.96349	24.96534	28.05565	30.47101	8.922925	25.68021	17.52814	27.41751	26.72979	24.43342	19.04932	13.38378	24.19014	21.00917	28.35783
CUST_34726_PI429010886	M10472	0.023893	15	12						20.62099	18.54527	21.55908	8.573429	10.36027	19.72128	12.17805	16.96167	20.93844	13.74963	7.948839	19.21466	17.34168	24.2228	28.21268	14.43734	19.676	12.71803	13.05013	13.42609	9.556923	15.90721	17.28035	8.073322	17.63322	14.78546	22.0325
CUST_1415_PI429010886	N9562	0.023909	12	3						965.8744	265.6599	153.1027	3276.015	412.4272	4613.187	1017.693	1260.686	794.7159	6.671239	343.7569	NA	1275.086	20.76453	535.6554	NA	2768.781	2898.401	588.1169	NA	293.1844	5.106462	181.9242	2692.301	NA	2945.87	NA
CUST_35270_PI429010886	M12101	0.023922	12	3						844.642	248.4954	9.258755	987.5052	864.2169	1520.67	551.3995	866.8694	356.8925	10.18722	287.8054	10.88684	660.5155	26.8663	306.479	100.3232	1066.114	896.1269	622.1973	17.18634	453.9938	97.5983	108.5374	858.7607	32.8723	813.6581	6.980991
CUST_3134_PI429010886	N13871	0.023922	12	3						1581.923	5125.683	181.6996	5794.422	2573.258	2119.433	3060.282	171.0319	3613.349	92.30386	98.39109	95.9293	1046.691	337.0265	2986.925	4715.889	312.1828	3489.908	298.1939	69.93933	109.1135	1601.013	143.5589	1089.512	739.6144	251.8524	451.7787
CUST_11408_PI429010886	N27759	0.023922	12	9						1437.865	2304.824	2260.474	1659.929	1754.186	1295.233	1345.526	2312.077	3443.242	3020.819	2147.931	4182.62	2226.703	1328.909	1920.006	2140.816	1070.988	1343.537	867.6885	7338.425	1773.273	4873.025	2858.942	1734.303	2485.559	2454.105	3578.372
CUST_22986_PI429010886	N48057	0.023922	12	3						122.6587	153.4178	83.78522	210.2883	167.4539	230.9992	135.6966	93.5311	99.00087	86.71532	110.6199	81.73063	131.0636	128.8206	138.0216	198.6688	123.6533	211.6967	144.7517	133.1717	87.42512	133.9999	77.72793	227.8356	115.2179	137.0769	77.34
CUST_27273_PI429010886	N55750	0.023923	21	3						50.57194	75.30403	63.52108	119.9123	66.81883	86.06426	56.28307	39.8936	48.62311	48.98001	43.26504	52.56971	37.21299	84.4182	44.03536	47.01793	61.03938	48.81237	38.87395	42.52496	76.57062	64.30394	85.80553	47.06657	83.87586	63.29578	51.192
CUST_15351_PI429010886	N34443	0.02393	21	3						16.71152	24.70162	26.05504	19.39031	46.97546	44.65427	10.59051	26.61953	33.24682	27.56341	23.37181	36.02039	NA	39.99701	12.028	27.91811	13.89481	24.25592	26.11497	7.045477	9.065589	27.49118	11.42997	39.08441	42.67635	32.74461	35.98798
CUST_25588_PI429010886	N52695	0.023934	15	12						67.37749	83.09489	88.29574	47.45553	68.24289	62.06295	42.82196	58.14864	64.70488	68.41788	59.46444	61.85594	59.59632	88.89139	80.29008	83.19226	70.39328	72.86527	69.30744	83.1842	89.87648	71.33949	57.03251	51.61587	80.19532	104.7731	86.03759
CUST_55974_PI429010886	M112387	0.023948	12	0						176.885	186.9659	216.6952	147.1881	154.3982	165.5902	151.3368	173.2007	151.5005	199.5921	140.147	213.51	167.2309	189.6625	181.957	180.2368	138.2381	171.4799	157.6874	182.709	171.7601	188.427	182.2638	173.2729	228.1824	156.5208	219.8489
CUST_1710_PI429010886	N10504	0.023948	12	0		1764109 pacifastin light chain precursor [Pacifastacus leniusc			2.38E-14	901.9536	893.6919	1550.902	227.8652	655.3909	352.327	665.3114	1053.785	901.5294	1555.864	773.8104	1090.456	1143.075	1598.927	940.108	812.5634	838.4693	590.149	607.9318	1327.874	868.3571	1966.099	1228.741	620.3013	1385.628	600.9036	1594.841
CUST_14480_PI429010886	N32957	0.023948	12	9						54.10775	128.0667	159.2768	49.05985	49.75939	118.5239	68.83612	78.56402	107.6969	109.1135	69.79294	126.7579	90.0502	172.7709	122.6587	53.8551	81.9929	79.77146	59.76845	99.06334	91.45169	75.93804	134.1249	49.36528	127.7418	143.4489	121.8132
CUST_25489_PI429010886	N52510	0.023948	12	0		383856052 PREDICTED: ubiquitin thioesterase OTU1-like [Mega			2.23E-14	48.69326	30.21389	52.20745	21.82183	20.19927	29.73851	22.51238	31.57401	39.74462	41.57514	25.17921	40.76795	27.41751	42.40805	41.72747	35.80323	36.24706	28.83526	28.62456	47.37022	22.58247	39.31816	36.02623	31.82347	41.74772	43.28801	36.9176
CUST_30283_PI429010886	N61549	0.023948	12	9						263.0553	200.8635	242.1982	198.7167	167.8836	148.08	202.4004	211.3962	191.2388	188.9473	245.5292	230.7517	273.965	286.8668	155.7397	261.7284	172.0048	171.3867	127.723	257.5442	230.7819	228.0795	306.8772	204.946	352.7559	281.2623	361.3416
CUST_1125_PI429010886	N8575	0.023948	12	9		389609429 mitochondrial NADH:ubiquinone oxidoreductase ES			2E-10	305.7949	349.238	246.0125	462.1839	519.1962	417.1018	240.1418	370.9949	457.5237	569.2573	530.042	499.1257	468.6028	448.4129	379.0729	370.4877	376.4458	484.9716	500.9078	608.8662	512.5692	744.2633	348.7613	547.465	433.8707	244.3099	338.0611
CUST_2976_PI429010886	N13523	0.023972	18	12						78.92088	90.73889	79.07776	68.02926	56.70249	53.76242	65.73281	59.07909	70.51648	89.10973	53.10839	71.72159	88.39516	126.8312	118.9329	79.62582	57.664	79.51299	73.54244	91.81369	65.81652	89.43652	64.56424	67.43306	70.34764	66.46046	82.44448
CUST_5587_PI429010886	N18909	0.023992	21	12		260794975 hypothetical protein BRAFLDRAFT_68970 [Branchio			1.74E-81	15.47031	10.29908	NA	23.87788	8.0157	3.550382	12.92801	8.281111	11.55275	24.05186	20.25895	14.03191	31.02643	13.5398	18.4677	14.74027	14.67098	NA	14.38028	35.45118	6.093268	13.94276	14.53096	8.613965	9.048255	10.11773	8.459432
CUST_25509_PI429010886	N52546	0.024048	12	3						131.7576	132.2049	116.3059	100.651	145.4832	106.9212	136.9633	111.9784	112.8928	135.5951	149.2835	118.6098	132.8034	144.6491	100.4962	171.8172	160.9995	132.2443	155.7397	167.321	159.4972	157.2555	129.2244	128.8206	187.3307	121.9392	138.7812
CUST_26430_PI429010886	N54233	0.024049	21	12						13.16535	NA	5.42867	11.85797	9.354027	NA	5.031644	9.585988	10.65599	10.56079	8.910931	NA	41.30947	9.315176	12.88861	18.56257	13.2528	13.86613	15.32313	17.35586	14.57236	4.965994	13.59282	8.442875	17.17232	8.021145	15.7577
CUST_36591_PI429010886	M16307	0.024022	15	3						29.2624	21.18145	18.29194	31.98439	23.4129	32.15263	22.46676	14.99955	16.49404	19.83086	30.04146	13.7932	19.37939	15.51056	20.75737	25.57234	40.61781	29.21058	32.11685	18.60109	23.2859	17.88508	37.19805	21.37656	15.87262	14.89135	18.26586
CUST_7582_PI429010886	N21759	0.024025	24	0						344.7288	291.2799	380.7812	149.8301	262.6197	323.0511	167.1583	206.1701	208.0738	274.5343	214.1332	303.0187	158.0318	218.7669	238.455	324.6687	348.4045	445.1412	317.0842	282.8614	260.0114	285.4569	249.2507	275.9866	489.9462	365.9198	442.0725
CUST_53194_PI429010886	M100662	0.024034	21	9						34.41169	259.1574	158.1524	820.5141	1588.949	371.4969	531.1131	4001.148	2549.933	141.0607	4228.899	4782.509	3489.908	289.8469	906.5131	NA	1157.228	42.1391	230.7819	4988.507	2865.864	7.742712	387.6806	267.1348	19.03935	626.8612	2292.412
CUST_20775_PI429010886	N44037	0.024044	12	3						130.3093	143.6875	129.0136	108.9165	120.8888	98.60004	103.6651	156.1886	122.7974	146.3743	142.8955	219.9571	134.4594	148.4195	193.0913	173.0953	122.5181	124.3822	158.0023	111.7908	112.2705	168.2432	162.6994	108.2105	171.0319	123.056	140.7156
CUST_52090_PI429010886	M96383	0.024048	18	12		354990989 anti-lipopolysaccharide factor isoform 6 [Penaeus m			6.06E-28	2147.931	2645.933	725.8016	674.6226	1335.768	996.2576	3899.401	927.5266	4655.618	3216.436	1290.993	5435.626	5361.99	4279.028	3809.024	2697.082	1748.457	1756.971	5023.801	538.4051	2706.735	1500.167	1795.627	1271.51	2178.033	1004.987	4613.187
CUST_10901_PI429010886	N26965	0.024048	18	3						49.02476	50.95506	23.16293	35.22469	38.79122	104.2212	40.48796	47.70026	27.65747	31.17481	32.93932	23.16735	15.57864	20.4413	13.10037	31.78686	41.69502	46.86688	14.25774	31.83203	24.38566	58.11529	33.54956	29.29585	18.8381	37.11174	26.05504
CUST_50265_PI429010886	M89232	0.024049	24	15						80.90583	101.7455	86.2674	86.32314	101.7859	91.59828	72.44248	74.316	75.82559	116.5927	93.19487	104.2639	77.80891	88.33792	99.90716	216.9753	84.83474	195.8687	92.2729	106.9663	108.5045	155.8809	86.60546	90.8776	109.902	79.96242	100.734
CUST_43840_PI429010886	M44131	0.024058	21	6		242006829 conserved hypothetical protein [Pediculus humanu	Transport	Transmembrane transport	9.9E-07	236.0009	214.7985	77.76127	214.921	284.6976	60.22346	348.0871	346.0687	233.5227	187.746	93.55006	241.5289	256.2441	235.2484	225.768	113.4502	323.4046	159.0925	141.2095	184.2548	68.80724	303.3749	110.605	237.4703	621.0146	209.8184	346.5286
CUST_17539_PI429010886	N38134	0.024069	15	9						NA	23.30079	NA	42.56702	47.60452	38.54575	62.68635	162.6994	126.9841	28.29864	309.0322	359.8853	81.40583	21.70901	52.12333	4.702194	33.30259	NA	11.02488	227.6504	132.551	NA	58.83154	41.2187	NA	163.3967	105.86
CUST_47534_PI429010886	M76507	0.024077	24	21						12.73395	20.06593	19.84167	14.25924	15.1141	18.50256	7.259344	13.25777	8.752945	16.06241	9.319645	20.43255	12.23764	15.07352	15.1414	22.24949	13.11969	17.10987	12.35337	18.19204	14.1198	20.16852	17.03814	82.90011	11.56735	71.77101	26.42193
CUST_43955_PI429010886	M64456	0.024079	24	18						14.49175	25.49244	23.40412	16.23047	13.63311	17.45526	14.51697	18.31489	12.18324	19.82309	19.0691	17.91608	23.00078	18.86593	27.71495	31.67438	13.41264	24.5772	28.03356	36.6789	15.8263	23.76056	15.24413	19.40005	25.89483	18.45819	16.88136
CUST_2676_PI429010886	N12887	0.024081	24	15						897.1177	941.2341	897.6332	726.086	865.9484	854.2242	689.4854	707.1584	609.308	953.9498	870.876	869.5437	663.7859	865.4579	842.0657	1239.798	918.3868	1025.99	878.6172	1045.476	715.3982	1127.801	817.1902	708.4547	1071.809	727.4325	961.8209
CUST_10062_PI429010886	N25633	0.024118	12	0						34.60204	32.36622	39.87971	26.56221	27.10661	28.17154	18.57528	30.19994	25.80821	8.902463	23.17035	35.78629	30.62818	46.12398	37.70021	43.10871	24.40888	41.67274	29.13011	28.44009	31.0325	35.13017	19.65423	33.33635	33.68076	52.24124	36.7129
CUST_37058_PI429010886	M17715	0.024123	18	15		405959130 Elongator complex protein 1 [Crassostrea gigas]			7.44E-29	24.29748	18.96468	25.95428	23.04508	14.62779	15.08419	20.55693	18.21981	15.83738	22.35568	16.27412	26.78992	26.51493	21.69885	68.02073	36.27978	25.32554	22.13275	27.68618	25.2475	14.9294	23.54965	18.56806	11.60477	21.92688	16.2136	33.23641
CUST_17052_PI429010886	N37286	0.024155	15	0						250.8185	615.5507	284.9694	222.4725	NA	NA	10.03121	15.5721	54.70385	258.0303	40.1147	222.6599	NA	140.4504	205.2623	114.0935	NA	178.4723	221.873	216.3391	295.3248	6.734253	62.39032	NA	150.2035	276.2901	121.6208
CUST_37246_PI429010886	M18356	0.024172	24	21						113.6504	92.45305	91.01032	86.25852	91.68314	94.38745	77.7529	83.4507	84.1835	88.37144	84.96672	88.50576	67.9638	76.57062	95.9511	138.7005	101.0858	102.782	89.0565	102.0348	95.34993	105.1255	124.1861	80.10966	135.8061	101.6485	109.3295
CUST_32820_PI429010886	M5189	0.02419	18	9						10.23296	17.95097	10.1626	12.57863	16.31744	10.34912	21.89979	17.7534	16.14566	22.70735	22.54321	26.35513	13.13227	19.63409	19.58405	21.51171	15.72409	14.84209	7.654255	16.98127	19.9496	25.34638	18.78041	8.905799	19.91992	11.9014	29.94885
CUST_54447_PI429010886	M101057	0.02419	15	12						17.28228	10.79019	19.05757	13.20123	19.05757	25.76451	14.65365	18.87721	11.49378	8.163573	8.525365	14.51632	12.61842	14.04	16.96368	19.26616	21.4829	33.00184	17.78019	16.47211	6.975254	11.25291	11.17868	16.47211	6.975254	11.25291	16.27
CUST_56144_PI429010886	M112941	0.02419	12	9						169.0881	202.4642	207.3956	170.8315	190.7563	174.8815	175.8509	138.094	211.951	306.8772	194.5783	237.5773	178.3288	269.8218	200.7582	189.3905	126.6371	174.7759	169.7593	195.4506	223.9704	211.9851	239.7925	251.5259	382.8597	140.8238	355.8536
CUST_31915_PI429010886	M2726	0.02419	12	3						634.7435	580.161	462.1839	679.9331	714.0634	754.3579	656.3922	547.6349	376.7168	501.702	581.8912	455.4031	460.5023	544.9594	484.1582	688.1653	684.3658	527.3498	729.5711	565.6978	477.2259	522.6581	472.997	480.2626	404.0517	628.1675	545.6531
CUST_1247_PI429010886	N9014	0.02419	12	3						6049.937	4190.35	474.8115	12538.73	4451.275	12175.63	5705.785	5911.575	4208.899	252.6253	1917.136	327.7237	5293.128	331.4917	2975.526	1756.162	6253.288	7306.322	6049.937	197.0393	1157.816	1157.228	846.752	5620.472	460.255	7647.424	533.5457
CUST_3660_PI429010886	N14982	0.02421	18	9						269.1187	312.052	340.9466	262.2997	263.2372	288.2901	264.7951	256.9966	278.3016	407.1309	325.6779	384.6311	298.9214	373.0312	360.2672	377.6304	326.6284	288.4954	328.9809	354.3068	315.7204	344.0991	304.3497	235.5325	371.4417	246.1869	375.7452
CUST_15904_PI429010886	N35322	0.02421	18	3						46.76098	61.71189	52.51409	60.40681	70.72361	50.77711	64.3699	42.35334	39.6493	36.52603	40.81311	43.56037	56.57948	27.33167	67.10317	56.64713	60.00077	58.75806	59.67663	50.28834	54.85716	66.938	57.97363	61.00433	44.55872	44.05675	44.44423
CUST_30900_PI429010886	M159	0.024124	12	0			Transport	Protein transport		982.4374	1342.338	1097.209	769.0647	821.0172	838.4693	773.4201	838.4693	897.6332	1033.403	798.3051	1137.521	802.795	1163.545	1332.781	1157.816	782.7144	836.4238	800.6759	910.1372	845.9343	1042.025	1056.762	968.3869	1168.631	832.3284	1023.389
CUST_5987_PI429010886	N19471	0.024214	12	3		321479371 hypothetical protein DAPPUDRAFT_300085 [Daphni	Cellular Process	Cell cycle	1.87E-62	8.502113	10.18097	4.765373	17.67291	13.02465	12.41217	20.4513	11.17076	11.65277	27.10661	8.348712	8.180112	7.453496	10.3727	12.24341	17.14295	18.41069	25.1646	14.84209	14.20342	9.198308	13.17199	14.42793	17.86315	16.7648	4.625348	5.820473
CUST_25577_PI429010886	N52677	0.024214	12	3						84.51934	54.13488	52.96595	119.1299	69.05841	147.6505	66.43118	93.75113	70.21778	71.18669	70.3928	65.42947	63.28709	35.37802	69.49923	89.86196	86.15616	81.82047	106.9501	68.18607	64.16931	82.17099	30.88907	52.55999	71.28268	60.85469	47.65494
CUST_15632_PI429010886	N35109	0.024214	12	3						475.032	26.34227	66.4925	822.5821	1453.376	2134.91	1250.839	900.1864	1353.303	NA	1859.87	238.6573	NA	19.27396	9.588389	50.91524	821.26	689.3261	1165.144	244.2896	232.1	509.04	1433.203	72.4658	1433.203	72.4658	1433.203
CUST_47441_PI429010886	M76132	0.024231	12	0						13.41075	10.90545	14.51836	8.793342	8.203406	NA	15.4798	6.303067	6.64454	14.50945	7.686663	9.482226	10.00867	NA	18.24055	14.34788	13.06343	15.34115	9.87605	6.221936	5.93818	13.93866	7.188579	8.368824	14.3364	11.74612	26.02914
CUST_48011_PI429010886	M78526	0.024232	15	0						412.0745	NA	532.1598	178.3541	564.3927	371.4417	331.2319	433.8707	166.186	122.9711	207.6805	NA	66.75063	37.61954	20.41951	NA	1106.085	250.7333	214.2583	NA	156.6119	NA	140.1157	251.662	43.26125	154.8889	7.313769
CUST_20848_PI429010886	N44183	0.024248	21	0						72.13281	62.29412	45.46745	44.15772	28.66257	40.71531	41.83506	56.60803	40.70276	32.97611	36.52268	40.18446	56.9818	39.288	48.5148	69.64081	27.71378	56.99104	53.51251	49.14895	30.61606	59.3952	49.77447	54.63526	52.77501	43.12293	40.04237
CUST_16529_PI429010886	N36400	0.024261	21	0	195162205 GL14252 [Drosophila persimilis] >gi|194103844|gb	Cellular Process	Cell death		5.61E-10	71.04758	171.1195	76.21767	60.09613	70.5402	89.88488	76.13932	58.61502	65.89913	80.65083	53.61735	64.125	52.25652	88.40608	52.18439	57.60056	62.96106	77.29645	75.98025	61.62124	64.14066	80.48768	70.85223	91.43481	69.41655	80.54851	87.01627
CUST_23156_PI429010886	N48350	0.024274	15	9						1120.205	1485.346	1338.117	1197.916	1259.079	1278.963	1149.353	1307.203	1164.641	1425.514	1187.094	1462.44	1302.095	1347.073	1392.18	1576.839	1368.295	1145.003	1249.958	1073.527	1133.519	1419.795	1282.889	1230.543	1587.608	1289.943	1640.228
CUST_5242_PI429010886	N18441	0.024285	24	21	345490321 PREDICTED: LOW QUALITY PROTEIN: ets DNA-bindi	Nucleic acid metabolism	Regulation of gene expression		3.02E-50	391.2629	294.3403	427.2547	300.5238	966.4783	249.9317	1087.534	184.6172	222.3148	228.8282	1522.087	303.3749	257.8206	345.9305	252.5773	417.4973	2007.972	349.1356	690.0315	377.4127	1607.248	410.6122	1752.574	1587.608	425.8413	234.4818	288.7076
CUST_35611_PI429010886	M13019	0.024307	18	12	91079592 PREDICTED: similar to CG12935 CG12935-PA [Tribol				9.43E-48	112.8438	141.0258	113.9999	100.4445	104.322	154.4419	133.4052	123.1539	127.4128	130.4838	115.478	148.4479	145.4981	147.6293	178.2181	160.1366	127.5485	138.9958	104.6652	137.0338	87.75721	131.838	93.33448	111.2474	123.2567	86.61515	144.1866
CUST_31799_PI429010886	M2442	0.024311	15	0	156405142 predicted protein [Nematostella vectensis] >gi|156.				1.05E-90	97.05352	114.1927	97.282	83.34341	69.92932	91.32302	83.81066	76.06574	117.1353	94.68098	91.34253	180.2584	138.094	118.495	120.446	178.2839	42.48421	145.1303	142.216	145.7226	86.66049	138.4302	85.493	85.67865	201.4604	82.55661	79.37795
CUST_47963_PI429010886	M78626	0.024315	24	15	241063674 ribosomal processing protein, putative [hodes scap	Metabolic process	Other		7.2E-130	47.47127	50.53472	45.0701	47.19112	57.94787	47.59957	38.63759	47.03677	44.00542	75.54672	74.316	88.8824	54.45028	87.65825	68.36198	92.07079	75.49081	87.41677	55.38365	61.33826	80.25061	61.33826	80.25061	61.33826	80.25061	61.33826	80.25061
CUST_13181_PI429010886	N30729	0.024327	15	9			Metabolic process	Carbohydrate metabolic process		4.580393	363.1719	144.6688	447.8279	639.5245	192.363	344.4277	1429.583	951.2956	291.5581	1494.92	2078.653	731.6805	215.5318	475.9462	6.486483	486.7621	9.583323	148.3091	3390.638	725.1936	11.13027	407.8386	303.854	NA	1040.9	799.8512
CUST_7529_PI429010886	N21679	0.024334	21	12						47.29592	56.23475	39.12009	39.31465	35.8336	36.32136	24.66303	36.14137	35.12261	72.03479	47.88942	49.83701	44.94616	50.4975	79.30391	63.17657	34.34243	58.56187	45.09026	48.43649	46.54874	59.76845	45.77355	35.75835	53.14405	43.41027	42.53014
CUST_41376_PI429010886	M57585	0.024342	18	12						77.7747	100.0857	108.8006	93.07732	65.11921	73.76805	238.455	111.9132	353.25	108.8877	82.24759	134.3159	229.7558	258.1697	146.5292	223.4939	247.8745	94.94128	125.2116	108.2633	125.9794	92.26296	132.0609	80.18725	379.0729	151.9116	448.5246
CUST_18019_PI429010886	N39007	0.024349	15	3						13.97235	NA	25.86025	21.46638	23.08733	102.2907	42.00978	16.04554	16.03098	8.361603	23.46033	NA	7.181648	11.24847	5.557245	NA	79.84889	25.7467	59.83655	NA	18.38425	NA	19.43895	28.62243	4.036076	19.60466	7.64912
CUST_43144_PI429010886	M62189	0.024357	21	3						28.10839	36.03688	17.20661	31.53803	28.97255	29.87357	28.08525	27.84371	18.54155	21.18978	25.13924	33.54623	23.13968	26.36533	19.23624	25.38492	19.74119	32.53107	19.07331	25.31882	23.42234	28.65923	23.33499	18.64355	40.83694	34.37569	34.23978
CUST_33753_PI429010886	M7799	0.024357	21	0						197.989	121.7165	242.5125	133.4752	96.91901	82.72689	103.2771	80.18725	74.64567	159.4512	95.03994	76.38976	110.9478	164.7416	103.9766	102.205	74.02683	86.76715	128.0504	98.84179	106.3603	164.0579	128.2848	109.5748	117.5373	73.0191	76.30835
CUST_35572_PI429010886	M12912	0.024372	18	12						63.6369	84.80692	72.27253	54.1859	66.80323	86.01753	50.38211	60.40681	47.83293	105.7491	68.69981	114.649	67.83607	133.4752	94.25565	109.5048	59.84805	85.9812	76.45771	69.58984	77.66626	90.24634	62.00083	39.94582	89.91874	48.29446	43.14351
CUST_24678_PI429010886	N51068	0.024373	21	3						22.0851	13.75845	17.95097	26.4818	36.51599	12.46576	7.50435	NA	6.723673	5.079117	16.90254	7.527497	17.02313	12.75137	13.32189	20.28061	17.89993	14.83888	11.68092	18.42911	13.2803	19.27159	16.31556	28.02833	19.55757	17.78225	27.30762
CUST_11117_PI429010886	N27293	0.024374	15	12						NA	8.201884	7.679502	7.958671	6.380402	NA	9.299202	11.75341	8.8792	18.56579	18.1208	13.16084	9.072115	24.26504	24.03557	22.13675	14.40423	31.45053	7.150597	10.10137	NA	51.28805	15.35381	21.09286	28.01175	NA	6.023483
CUST_11432_PI429010886	N27794	0

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_56552_PI429010886	M114082	0.024928	18	12						749.2477	737.7582	738.6637	680.3748	648.4582	618.5189	703.3407	674.0173	686.5061	842.0657	720.2695	909.4624	772.6877	848.6156	931.4066	1090.829	698.2239	761.273	807.9372	1025.618	610.2139	1011.687	602.6317	578.5402	1076.18	747.636	963.151
CUST_28183_PI429010886	M57448	0.024944	21	12						44.84166	27.34334	31.03981	20.04796	24.89381	24.20353	26.65108	17.04303	17.41767	36.29774	32.46691	31.23744	34.86849	34.85305	37.63897	43.25052	27.36512	28.55239	34.76942	42.89021	33.09246	49.93988	23.94075	25.80322	45.62788	11.65987	34.24814
CUST_39621_PI429010886	M41892	0.024959	18	3	207298842	Homarus americanus cytoplasmic type actin 1 mRN	Cellular Process	Cell growth	5.78E-74	48465.49	60338.91	28694.35	5662.52	5543.98	5273.61	44409.28	35159.1	45970.08	42714.39	44409.28	45577.47	38680.42	30891.2	42277.38	49570.08	38079.24	49418.23	47564.51	44923.37	44666.31	47710.56	35254.41	49418.23	46148.42	42869.03	39067.89
CUST_37258_PI429010886	M18383	0.02496	24	3	326781695	crustacyanin subunit A [Fenneropenaeus merguien			2.14E-12	792.4242	255.3013	140.1704	2270.606	730.6182	772.6877	2029.752	170.6697	1928.541	96.1439	19.97654	9.73845	679.9331	79.44802	1122.467	2089.376	73.46154	1315.839	35.89324	40.68988	8.978228	360.8661	40.56586	384.1514	169.9489	57.84964	296.5251
CUST_31001_PI429010886	M423	0.024962	24	15	260790040	hypothetical protein BRAFLDRAFT_240825 [Branchi	Metabolic process	Other	6.55E-36	298.7909	303.7719	338.1543	260.2651	291.9341	245.7815	217.4459	259.8913	303.0187	384.7174	278.0994	358.3575	306.5697	386.8238	336.3354	356.6641	311.2463	310.0283	285.7468	354.2035	349.8347	339.6011	324.8235	245.8233	305.4399	298.7909	367.6066
CUST_19517_PI429010886	N41703	0.024962	24	18						5.767846	6.284506	NA	NA	5.601747	7.451482	26.23144	7.623642	6.110369	22.24779	11.87142	NA	5.016515	30.52136	9.631079	8.035951	NA	33.52107	24.34006	46.63569	57.72819	84.15456	37.63001	NA	8.956327	29.43141	44.84606
CUST_46167_PI429010886	M71624	0.024964	24	12						20.84589	20.22094	32.36995	17.94343	26.22091	22.90466	22.15879	28.51585	26.13341	32.24939	27.4471	44.63407	35.88829	36.10574	39.72298	33.5432	25.33771	23.35223	30.41595	36.9176	41.75433	31.2144	35.66685	28.1626	30.01154	19.69401	37.30507
CUST_53840_PI429010886	M103385	0.024967	24	3						56.05475	36.85933	78.92088	64.52054	54.40089	67.31728	68.49231	53.53627	65.65578	73.73837	44.93417	45.79191	39.66277	52.42528	41.77165	43.52847	49.79493	44.01861	38.92288	27.68618	65.58458	51.67859	83.16839	45.82893	54.6573	52.97067	55.39377
CUST_32724_PI429010886	M4937	0.024969	12	0	54400676	ORM1-like protein 3 [Danio rerio] >gi|81174971|sp	Protein metabolism	Regulation of translational elongation	3.53E-52	168.0101	182.0483	144.7304	125.751	121.4442	112.0103	113.2611	103.4856	113.3684	175.1085	122.4667	162.1787	108.6304	142.5643	154.4215	187.3568	101.9838	134.2991	117.9689	113.6011	101.7734	159.5684	107.5704	120.9718	182.965	125.027	129.6012
CUST_9646_PI429010886	N24981	0.024969	12	0						48.59055	99.21099	65.11921	67.92832	16.80068	42.25718	46.39793	99.89328	13.32908	17.62133	66.87005	69.54952	63.33459	73.07849	120.3098	49.11669	24.86718	39.04491	49.04149	15.96673	43.12973	41.14845	47.75268	24.86718	51.09155	185.0177	146.3045
CUST_30427_PI429010886	N61872	0.024969	12	0						89.37758	110.8879	98.43882	84.62693	82.27324	91.90962	78.35123	69.16053	71.43104	84.84663	78.2069	79.51299	96.01566	88.64024	75.94687	95.5926	84.1835	75.2095	75.10177	90.20594	73.55823	107.2874	84.42877	77.04659	101.8407	73.05511	94.65769
CUST_34013_PI429010886	N48501	0.024972	12	0						140.5313	245.6075	182.2902	119.6777	100.0857	130.3469	137.0769	124.2716	118.04	149.5977	138.3413	167.3634	123.3713	152.424	147.0435	190.8326	145.1839	127.2574	125.8034	147.3848	114.2091	198.8522	137.2513	128.5685	203.8732	149.2677	156.562
CUST_35073_PI429010886	M11488	0.024979	21	9						61.11029	71.46757	47.80852	76.54184	133.5939	70.51648	87.51279	158.3361	124.2868	59.9743	189.3668	181.6996	146.0878	51.50855	76.94992	82.14765	85.3343	55.65323	61.07679	307.7804	111.8286	63.16675	68.88215	53.80266	80.68886	93.44686	77.49116
CUST_24969_PI429010886	N51557	0.024994	18	0						70.50836	29.76829	55.62798	31.95513	35.02904	62.71939	20.59992	23.92874	24.99806	28.63701	25.22662	51.43692	26.72669	36.58254	49.15395	32.24298	28.43068	48.72124	42.9046	42.53014	40.01887	35.84618	28.90658	27.10054	23.85138	40.46782	39.17807
CUST_11331_PI429010886	N27635	0.025011	18	6						25.749	19.24807	21.09489	18.95813	32.67642	28.8964	54.05301	25.03856	35.13913	14.18613	20.72901	29.8401	52.34805	51.44191	34.92205	15.72851	13.96065	13.96779	28.97523	23.69356	21.2709	4.53627	31.85611	17.94144	41.11909	25.38492	37.65143
CUST_15128_PI429010886	N34052	0.025025	21	3						127.4128	277.8925	255.1996	244.2771	254.3839	317.8203	233.5692	296.9284	253.9339	260.373	199.8275	314.7546	258.7852	232.8026	85.07901	281.692	212.1945	210.4274	163.8946	206.1326	228.7951	235.6934	309.5934	318.0852	325.1931	311.5276	271.4917
CUST_43033_PI429010886	M61914	0.025028	21	3						113.5868	256.1518	127.3371	507.1661	203.9202	242.4336	126.539	116.6217	114.3896	128.0504	52.3585	176.8527	89.65503	99.94463	136.491	119.4557	58.7925	139.9485	64.87589	115.8195	216.4474	184.7859	208.552	123.4738	237.3703	235.6197	79.48728
CUST_15456_PI429010886	N34609	0.025028	15	12						55.70806	69.00002	62.45524	52.29382	42.68003	42.5721	31.30264	27.50275	41.68626	71.03904	49.04708	73.94862	45.64715	69.47796	72.73041	78.04542	35.13338	57.97853	51.17489	58.0658	64.21464	47.42461	52.80587	50.22122	52.43379	47.34484	66.09773
CUST_53814_PI429010886	M103304	0.025052	24	18						21.05993	25.4055	26.73153	15.28811	14.09025	19.66959	18.38425	16.32704	23.53335	20.15879	16.38885	29.71613	14.03191	15.25233	23.25736	28.08839	21.05098	26.03397	31.42645	19.40925	25.05128	24.52447	24.76468	24.7547	20.11768	23.72626	23.99379
CUST_11164_PI429010886	N27371	0.025055	18	15						795.7542	1864.705	707.1584	874.1627	1696.945	1508.034	NA	NA	68.08199	166.0856	582.2842	839.5092	423.2024	2063.321	2006.856	2892.813	NA	2130.831	362.1966	3667.985	617.9947	984.6642	597.1763	542.3878	1501.641	106.3744	100.6291
CUST_39209_PI429010886	M36139	0.025084	15	3	543335553	Na+/K+ ATPase [Penaeus monodon]	Transport	Ion transport	5.28E-40	1777.044	1444.045	1226.144	1961.856	1933.842	2052.131	1769.215	1230.999	1847.968	1632.477	1574.342	1369.558	1631.709	1390.937	1098.078	2007.972	1597.443	1712.532	1999.641	1639.617	1433.821	1829.946	1129.308	1665.324	1580.29	1785.596	1382.154
CUST_15296_PI429010886	M109479	0.0251	15	9						498.6758	555.454	687.2662	538.5366	554.9764	551.8489	515.0601	539.6207	595.5631	696.7816	623.9709	706.7803	567.4875	655.5556	804.2481	670.3339	503.4817	546.5966	554.3934	603.6791	631.1117	605.6379	597.2114	492.7259	718.9517	689.4854	772.946
CUST_6415_PI429010886	N20070	0.0251	15	0	332029157	Bcl-2-like protein 1 [Acromyrmex echinatior]	Cellular Process	Cell death	1.25E-24	97.3486	64.45839	100.566	62.45524	60.43419	64.03011	48.21189	64.95763	69.14635	72.00841	69.51764	60.77185	32.54445	65.30029	66.56405	70.92151	71.79355	63.71417	51.34112	69.53748	61.60388	52.38937	45.2026	39.88324	57.80004	47.02813	61.46953
CUST_34289_PI429010886	M9247	0.0251	15	12	270013885	hypothetical protein TcasGA2_TC012551 [Tribolium			2.4E-18	154.9491	162.1184	263.6263	111.8993	187.181	90.3035	229.178	317.9758	258.545	262.1655	239.3938	270.6659	452.9912	343.3378	283.6461	181.9242	410.8257	108.829	359.7386	114.3208	171.1038	176.9698	285.3755	181.0372	324.8963	138.6419	331.1696
CUST_2272_PI429010886	N12003	0.0251	15	12	443697440	hypothetical protein CAPTEDRAFT_223046 [Capitell	Transport	Protein transport	1.75E-23	25.03208	25.82153	21.81748	23.57221	21.73089	25.69538	26.34227	19.48105	22.14979	28.44308	25.14127	33.65406	33.23641	29.32561	39.36991	22.41474	23.79492	30.09768	20.18328	27.79833	12.37483	29.57087	20.58261	30.2284	32.69544	19.19079	27.60836
CUST_7236_PI429010886	N21236	0.025105	24	12						15.59286	11.9176	25.31589	9.339132	11.34226	14.25137	16.28788	7.811739	11.93548	23.6887	13.28864	20.03907	17.44803	17.52979	22.44161	16.86014	19.48765	19.28798	15.73743	17.37315	6.811352	17.25469	24.86526	NA	14.99955	11.15573	16.97989
CUST_1665_PI429010886	N10390	0.025111	18	3						724.0591	728.0084	NA	2117.402	1264.096	1057.689	989.1564	33.39553	828.1362	5.241968	36.58254	8.047455	481.7893	1004.727	1003.971	1472.72	NA	1174.011	6.172262	949.0578	149.0336	2972.831	99.48375	1096.765	416.7544	26.8663	NA
CUST_33592_PI429010886	M7365	0.025115	21	15						431.3053	290.1265	395.4574	202.7615	340.057	281.8261	287.9369	279.9837	285.8071	580.8644	460.7596	465.3498	322.7948	384.4603	298.4347	622.9374	359.3716	556.7295	353.785	240.2928	205.2221	345.9993	395.6626	392.2917	291.6371	286.6682	274.7936
CUST_51892_PI429010886	M95567	0.025126	24	21	321456860	hypothetical protein DAPPUDRAFT_330564 [Daphni			9.16E-41	32.7645	29.55233	41.22879	21.80116	33.00505	27.37719	31.44965	18.39819	27.51414	24.94079	33.2742	9.54588	16.93718	34.87551	22.06655	29.96643	34.55194	19.25465	33.42247	31.0325	31.90127	37.32162	33.59157	33.35513	37.86103	26.60252	30.4923
CUST_54840_PI429010886	M109524	0.025145	12	0						62.82665	23.82334	NA	89.37758	52.5287	192.8311	53.91424	91.23322	26.25499	7.61532	35.94919	6.790175	35.13913	25.53913	58.38951	13.64186	243.9591	219.715	82.78386	5.677532	13.21125	29.04226	5.460269	64.62929	5.346894	82.38555	10.2558
CUST_44270_PI429010886	M65456	0.025194	15	0						213.275	246.5795	157.1495	204.2904	154.0002	161.0453	126.8312	137.351	120.9579	173.2729	146.7019	185.7639	188.427	193.773	203.4225	227.6752	153.5797	199.8756	192.324	173.7422	151.5005	243.3595	151.752	174.8053	189.7994	188.1623	154.4419
CUST_22715_PI429010886	N47523	0.025201	24	15	345489320	PREDICTED: hypothetical protein LOC100677857 isc			4.46E-23	14.11041	18.4372	26.76358	10.95916	13.18285	12.06791	14.72238	12.97975	23.43573	14.58718	21.35291	35.88829	15.83738	31.91513	25.91041	20.58435	31.89471	27.22941	18.6269	19.21235	21.15466	31.28165	16.84352	16.32267	25.60131	23.85638	31.56077
CUST_31472_PI429010886	M1613	0.025203	18	3	321474963	hypothetical protein DAPPUDRAFT_309103 [Daphni			3.65E-75	48.65088	67.30873	33.88658	88.6992	47.69004	52.68897	31.47618	19.09218	34.42302	37.10254	22.63247	64.63524	28.05565	28.43068	30.68445	49.88882	15.61522	34.74686	25.27723	39.06616	44.32414	37.74785	66.50022	40.20429	48.5802	46.48282	30.23517
CUST_8093_PI429010886	N22528	0.025203	24	18						22.5314	19.89653	35.54408	21.44879	18.97288	16.92026	21.58196	26.42807	27.06117	31.94051	20.52907	38.4769	26.56221	44.41428	36.68252	38.74854	24.45953	24.03945	29.88417	33.01533	32.33975	31.51891	31.20174	23.43377	30.07667	27.37091	51.71837
CUST_10936_PI429010886	N27019	0.025203	24	21	291236785	PREDICTED: origin recognition complex, subunit 1-li	Symbiosis, encompassing mutualism through parasitism	Other	2.17E-09	14.45048	25.74156	19.0691	14.39019	15.63271	9.184475	14.33237	13.71667	9.488473	18.85554	14.1362	15.59485	16.3703	11.70566	19.99756	30.56491	15.21068	54.35965	17.62531	14.16669	16.54774	26.23528	15.9031	18.35292	15.26938	18.08454	19.39031
CUST_33076_PI429010886	M5910	0.025203	21	0						122.3884	146.7445	112.1069	112.9234	104.474	120.6113	101.3914	94.36809	104.964	136.5329	102.8709	133.0951	99.2772	82.49999	100.3848	108.9284	93.13261	111.7621	117.3341	128.0902	116.8917	156.4704	118.55	107.6969	132.88	87.96508	109.3042
CUST_16021_PI429010886	N35525	0.025223	18	3						67.40392	94.97923	93.71752	95.76592	76.35962	117.2072	67.98118	84.2393	67.18762	90.50136	57.36487	70.09922	64.3589	88.84142	82.07629	86.66049	85.81376	96.28021	81.92913	74.62941	104.363	96.86826	111.9958	97.73561	114.529	72.61909	104.205
CUST_14196_PI429010886	N32470	0.025232	24	3						9.963882	7.116185	17.47454	NA	31.49741	45.55401	5.294876	4.37219	3.322443	20.76211	4.180218	8.741416	6.572155	3.410823	3.445255	NA	6.548124	NA	5.611283	3.816856	7.246865	8.402814	11.71876	5.397572	NA	NA	5.901635
CUST_15270_PI429010886	N34302	0.025253	12	0						39.09042	34.2205	48.67019	26.92163	16.69384	20.26285	14.07538	30.66803	26.65108	36.68661	21.91785	10.01001	25.06956	47.01326	31.04579	53.65979	19.43524	40.76277	19.55939	17.16641	16.28372	22.3538	36.38283	23.24144	48.84271	22.49197	34.92634
CUST_18877_PI429010886	M40566	0.025253	24	12	242024511	ankyrin-1, putative [Pediculus humanus corporis] >g	Metabolic process	Lipid metabolic process	4.24E-74	53.12725	51.75281	58.69441	21.86117	55.92013	49.84204	46.69134	37.89768	40.45279	53.8998	51.6678	55.57729	52.95164	78.33945	57.07573	50.91028	41.43853	57.1185	52.95164	78.33945	57.07573	50.91028	41.43853	57.1185	52.95164	78.33945	57.07573
CUST_31573_PI429010886	M1878	0.025279	21	18	30584201	Homo sapiens peroxisomal D3,D2-enoyl-CoA isome	Metabolic process	Lipid metabolic process	6.23E-63	95.25723	72.11758	80.49518	61.1739	47.53841	66.44095	46.12938	79.5827	71.47658	114.1191	67.94324	94.97923	72.1095	79.61927	52.92115	63.50632	101.5014	80.26839	102.1823	93.1869	54.90496	72.78118	70.33128	68.56023	68.761	34.54793	61.09062
CUST_46868_PI429010886	M74002	0.025284	21	18						39.30201	36.71638	37.10843	29.05729	33.58859	21.68228	48.87456	22.52113	34.48125	36.07548	31.96544	35.44546	35.32948	41.65038	27.53905	41.92389	31.30264	30.9722	41.93775	42.64305	36.83973	41.46823	39.52923	23.94075	34.28069	31.89471	30.06426
CUST_14514_PI429010886	N33003	0.025285	15	9						52.78657	51.61085	183.091	59.10759	57.79515	65.39564	84.30944	118.378	126.9103	163.9694	72.83324	83.71896	135.9627	443.4781	76.23608	59.21305	113.8702	58.46928	51.7472	82.38056	74.60621	111.5352	330.882	115.284	236.449	88.87538	251.1828
CUST_15603_PI429010886	N34852	0.025288	24	15						14.96828	18.95556	10.01115	18.54361	18.24494	17.14547	12.27296	5.502089	14.0442	13.26743	17.82897	16.61891	22.72881	12.68586	17.50362	49.52577	19.97113	21.17508	14.5578	21.71424	28.229	26.28688	16.9925	15.56753	22.1684	3.793388	18.28609
CUST_45721_PI429010886	M70056	0.02529	21	15	321464435	hypothetical protein DAPPUDRAFT_306779 [Daphni			1.04E-36	93.00061	82.97709	78.52355	86.23591	95.07199	100.0527	79.60953	78.0365	89.51747	104.5873	81.89181	83.77617	79.51299	103.3291	95.61724	154.0002	84.57831	105.711	95.689	105.1255	101.8114	103.4856	87.47537	106.4577	91.36505	78.68384	85.61256
CUST_2383_PI429010886	N12235	0.02529	21	15						24.82512	67.98118	45.45196	16.38885	65.65578	30.21036	12.29346	35.88091	30.3471	38.57181	24.15872	63.67102	36.59066	50.17076	39.84998	102.1011	46.6	63.94078	42.86965	111.3415	49.94515	81.31167	23.94321	40.54346	53.76242	29.02633	47.98029
CUST_54827_PI429010886	M107854	0.025296	12	12						27.63853	29.89381	69.29923	42.09877	27.14155	36.79155	24.41159	29.08714	38.91585	27.99749	33.07929	44.62585	36.18187	58.45028	64.50807	57.10423	30.30273	49.63154	42.18155	34.46151	43.20694	40.49183	35.4728	51.73011	26.28003	35.45118	51.63118
CUST_3002_PI429010886	N13577	0.025303	18	6	389615518	mucin protein, partial [Papilio polytes]			3.94E-17	71.26057	50.33907	127.0219	132.8952	150.434	292.8985	168.154	176.7462	187.5869	151.2216	156.4459	59.07548	118.5367	155.0892	97.65941	67.48761	311.3229	177.3959	131.2743	127.1944	129.5087	104.7208	207.2788	186.4927	247.4184	181.6707	271.3099
CUST_17118_PI429010886	N37766	0.025343	24	0						35.58353	56.37885	47.10091	36.37581	33.69868	43.2321	39.87566	32.35642	39.71396	51.88107	51.73412	34.49254	40.49183	58.5554	41.96975	50.5231	41.60271	52.01384	48.80472	59.6052	34.8269	38.6877	57.8351
CUST_46984_PI429010886	M74401	0.025344	21	0						16.5818	13.77454	18.24734	10.48808	10.98274	NA	10.87355	5.258608	12.6233	12.63519	5.790095	7.358125	8.813762	6.835739	6.888224	14.4448	19.24083	14.05126	9.501422	6.578887	7.344722	19.84447	43.41027	10.5119	6.852264	9.981072	8.601817
CUST_33403_PI429010886	M6802	0.025373	15	9						156.5208	452.1056	398.8868	174.6176	128.6369	150.8963	140.364	219.1881	412.9301	322.593	492.1806	701.1457	289.4881	632.6214	383.4448	341.713	175.4567	198.5726	456.7992	312.7398	434.0155	718.4589	265.532	159.2366	796.983	528.1283	928.0578
CUST_2385_PI429010886	N12240	0.025406	15	3	380023984	PREDICTED: LOW QUALITY PROTEIN: ATP-depender			3.91E-29	1128.352	641.5416	1002.452	855.218	905.0641	977.7803	1319.125	992.543	693.7505	657.4366	638.2757	407.4423	703.3407	678.2021	613.6489	671.8789	1094.71	762.0199	1458.041	442.2873	702.9226	793.0472	880.2112	907.7978	638.1084	508.6284	566.4251
CUST_15430_PI429010886	N34569	0.025406	15	9	505844696	PREDICTED: tyrosine-protein kinase Fer [Sorex aran	Protein metabolism	Cellular protein modification process	1.55E-27	58.98538	58.53699	54.32801	69.89586	49.67787	57.05842	43.52847	45.6007	56.58921	85.493	85.1516	125.0459	68.47197	113.5137	100.4575	90.33731	64.3475	78.95217	66.52424	85.52397	55.26178	100.2315	89.49881	51.10924	98.92872	103.2289	135.8973
CUST_51867_PI429010886	M95462	0.025418	15	12						22.32739	14.07257	23.63048	12.25145	12.80086	6.217046	9.432782	17.44175	14.09025	24.17334	23.83451	19.5463	13.65247	21.71424	21.31201	17.47076	13.20796	22.68223	6.004347	10.5119	12.49156	24.09915	17.07599	10.59324	16.5492	7.862605	13.58569
CUST_5830_PI429010886	N19258	0.025418	15	3	321460188	hypothetical protein DAPPUDRAFT_309150 [Daphni	Metabolic process	Other	1.1E-148	186.8185	191.145	169.6552	183.5489	256.9474	243.0834	196.7297	257.3603	154.3982	180.9607	175.4136	172.9267	168.154	140.974	151.3078	151.7333	208.7767	184.1431	234.8913	190.62	175.011	209.1953	150.5497	206.4165	175.5219	209.3879	134.2151
CUST_23076_PI429010886	N48219	0.025418	15	3						21.28123	11.74047	12.83786	23.35223	25.40325	23.39071	10.48943	8.438285	12.65182	15.16412	8.609687	17.36312	10.32153	9.902997	10.48943	10.9225	18.7464	30.93394	15.34846	22.31737	18.59683	16.73391	5.6033	14.94458	18.88759	13.31647	9.989923
CUST_26969_PI429010886	N55200	0.025418	15	12						12.89985	18.53904	22.29454	8.810922	19.34811	14.00731	11.60477	10.64168	10.38108	24.91507	16.66622	19.01762	19.37009	30.69467	15.34846	30.81693	15.557	19.29325	15.20537	27.23758	12.89788	22.32739	12.94894	8.802891	29.89732	15.1109	27.50907
CUST_54353_PI429010886	M109700	0.025418	15	0	537242084	brevican core protein [Cricetulus griseus]			1.82E-08	159.1235	251.7054	145.0813	225.2357	185.7639	85.26344	461.7538	202.301	340.6846	355.481	247.4599	273.4298	263.3865	413.4726	261.6417	462.0916	342.9	283.2357	258.1831	313.8431	131.7345	305.0567	247.8605	271.1112	335.8595
CUST_12868_PI429010886	N30176	0.025445	21	0						36.69684	43.363	68.24733	27.74158	31.2636	16.87967	32.38846	30.33968	27.56643	29.92416	30.15316	12.58347	33.72458	38.36098	28.13722	45.85649	32.80956	22.14618	22.34365	25.04089	27.00493	45.02522	42.78187	33.14087	33.47284	29.40744	33.41208
CUST_20164_PI429010886	N42927	0.025447	18	0						51.65858	38.1318	31.78038	33.34314	28.64267	27.085	26.73933	29.57087	12.35967	42.45773	28.89154	21.46638	25.33083	25.38784	37.68617	44.38619	19.50517	38.64362	37.27794	32.81991	25.28525	29.78445	18.92641	39.84647	19.72601	25.38172	20.94079
CUST_34066_PI429010886	M8647	0.025451	15	9	25229108	chitinase [Litopenaeus vannamei]	Metabolic process	Carbohydrate metabolic process	3.65E-58	NA	95.72441	39.61818	198.7421	272.4885	165.5416	121.284	484.1582	349.0566	76.02137	707.905	792.4242	154.3359	142.3214	114.5736	4.766047	99.25819	NA	93.62063	686.1452	298.7079	NA	182.5915	98.52867	NA	651.6164	299.1597
CUST_22344_PI429010886	N46859	0.025454	21	6	339235371	putative glucosylceramidase [Trichinella spiralis] >gi	Metabolic process	Lipid metabolic process	1.7E-18	3.977236	19.17521	5.285615	1581.192	74.3064	38.28234	50.12098	219.5427	204.3548	37.5742	150.4655	159.5684	101.6113	31.01397	54.24943	NA	60.89252	NA	27.39567	249.0021	61.22888	4.798002	77.2245	39.79718	NA	165.0586	156.6593
CUST_54077_PI429010886	M104417	0.025462	18	3	157116023	sulfotransferase (sult) [Aedes aegypti] >gi|1088766			1.51E-11	10.22437	4.311251	11.41469	14.88541	11.82579	17.95452	8.359315	11.63036	9.945177	7.180488	9.774844	NA	3.650768	NA	3.894163	11.21025	12.75753	8.824107	10.65599	7.621463	6.18554	8.400369	NA	NA	11.10317	6.503335	4.632569
CUST_8807_PI429010886	N23621	0.025517	18	15	321468540	hypothetical protein DAPPUDRAFT_304428 [Daphni			7.04E-34	23.63855	23.73387	17.93968	18.4928	17.04303	9.591065	14.07874	19.6064	16.75298	28.7982	14.07257	13.65114	16.24662	15.81096	15.97633	26.54031	22.58851	26.15676	17.27797	33.76678	17.38798	19.92242	14.59396	NA	16.01505	16.42728	17.23467
CUST_31983_PI429010886	M2907	0.025521	15	0						339.6011	317.1399	307.5089	280.0685	271.6132	290.1265	298.7909	266.0394	239.2718	241.7291	262.4225	235.9573	250.3151	302.1561	226.2023	384.9318	326.2957	286.8668	375.5434	271.6624	290.175	357.356	234.823	236.6906

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_4720_PI429010886	N17339	0.025919	12	0						494.3438	556.906	541.9679	435.1229	413.9155	428.865	375.1955	475.874	445.1412	523.2717	457.4348	769.0647	502.1624	717.2947	729.346	635.6512	465.7878	487.0643	481.1352	582.6377	536.8972	644.6096	574.2435	463.9991	569.2573	636.5467	661.6789
CUST_55210_PI429010886	M109129	0.025933	15	0						13.23043	55.5206	NA		15.50146	9.111062	32.42745	7.975609	6.925886	11.94414	6.856722	9.479243	4.773638	4.255656	8.065131	20.35314	9.322057	10.68951	16.38286	11.58371	6.497327	11.40559	NA		7.493829	29.86056	6.456509	3.256875	NA
CUST_56884_PI429010886	M114663	0.025947	21	15						308.5953	379.2779	377.4878	303.1495	294.2777	448.5246	236.449	277.4454	293.2237	314.5564	296.4747	439.5513	312.9412	335.1161	334.379	453.5801	303.1495	463.2589	206.1928	457.3285	324.6687	400.1681	328.2492	266.2431	375.8398	320.4556	369.6113
CUST_13008_PI429010886	N30431	0.025961		21	18	517080475 hypothetical protein [Bradyrhizobium elkanii]			1.65E-45	19.12122	NA		22.57752	7.641633	8.937423	9.823191	32.67642	33.37654	3.527959	10.33897	17.64058	NA		18.40021	27.04395	7.463527	NA		54.89949	10.51492	23.71704	NA		35.86299	NA		30.60709	19.56461	6.900525	NA		5.403396
CUST_50138_PI429010886	M88791	0.025967		21	18					22.37068	27.17605	20.48097	17.42826	26.30221	23.97968	20.77886	22.19942	15.13462	14.19367	19.57848	16.66456	24.35938	10.92086	8.58357	18.90163	42.1732	28.74055	30.31987	40.80851	27.41751	25.97958	8.633134	17.47454	26.73374	10.64869	27.49771	
CUST_34826_PI429010886	M10812	0.025976		18	3					66.04832	69.39137	66.4223	105.4346	78.65203	76.49245	65.96571	69.27267	63.90408	56.56158	48.75681	54.17026	48.3882	84.09478	50.28834	86.82244	75.27932	77.55826	61.6776	56.02742	50.33907	121.284	67.92832	69.31912	103.5194	58.46928	69.46903	
CUST_51455_PI429010886	M93607	0.025986		24	15					247.6825	344.2985	319.007	284.3688	288.3422	302.6662	223.8084	273.0127	280.6238	290.4858	238.0845	302.0506	243.4729	356.8925	302.7176	384.6311	343.4753	405.2638	317.3299	303.4935	233.9335	400.1052	341.396	270.8273	347.9148	224.7458	315.0245	
CUST_49134_PI429010886	M84288	0.025986		18	3					4.361188	22.0778	8.474679	13.79507	22.49622	NA		390.973	79.13143	55.29319	37.06438	132.3396	10.57913	87.15435	382.7566	282.166	49.41092	NA		NA	13.74963	9.915982	225.8046	13.78438	64.64151	77.85653	52.97067	58.25188	70.64122	
CUST_10725_PI429010886	N26689	0.026007		15	3	126340701 PREDICTED: muskelin [Monodelphis domestica]			6.97E-77	7.477595	16.08188	18.33154	10.97186	10.34912	14.51263	10.32521	15.91598	12.76773	9.148382	10.682	8.500792	12.53922	12.31301	16.16705	20.35314	17.5796	7.104442	NA		18.74202	20.65238	9.060793	10.7115	13.13833	10.60724	10.03982	5.419015	
CUST_43432_PI429010886	M63030	0.026014		24	21					12.40589	11.35432	9.830811	9.073537	14.6546	17.65061	11.69586	3.774436	5.917066	13.55604	5.917836	8.877949	8.612092	12.9382	13.56887	20.11049	9.505528	15.65479	12.60802	10.86137	11.57971	27.65968	14.5269	15.71416	8.798065	NA		9.106984	
CUST_47610_PI429010886	M76864	0.026018		15	0					147.2771	154.1347	121.7699	132.8611	98.41575	96.37601	87.80183	118.1621	89.20945	118.2155	102.4176	126.3583	111.4706	105.5208	106.4305	168.3796	123.2567	124.447	99.36845	122.7974	117.3039	144.7064	109.5408	79.14043	130.4682	96.06297	118.3632	
CUST_3246_PI429010886	M14056	0.026018		15	0					6065.211	8627.68	6863.631	4420.361	6059.267	8802.545	2009.101	2205.198	2576.961	4194.154	5585.575	7516.748	1332.781	5717.187	4357.297	5933.737	3921.112	7516.748	3432.751	10190.76	6577.842	4532.248	2984.905	3584.321	3805.814	6818.919	5065.56	
CUST_8697_PI429010886	N23437	0.02602		15	0					565.5557	472.997	440.6015	445.5129	463.7968	433.4824	456.1991	312.1828	301.7456	362.4934	433.2734	275.2679	327.7802	360.1121	464.198	471.7451	488.97	492.8667	530.9675	384.4603	396.0145	545.2224	303.0187	454.2849	468.9522	398.3325	374.1535	
CUST_17090_PI429010886	N37343	0.026041		12	3					11.84044	4.690123	8.73506	NA		10.93801	11.37412	9.188895	8.042965	NA		4.246572	7.131715	7.860635	6.02125	16.84886	6.522752	12.50339	17.39906	12.59547	11.95869	9.279943	9.388689	6.71361	NA		6.525733	13.93595	24.82512	5.841607	
CUST_18352_PI429010886	N39634	0.026053		15	12					363.7161	326.9766	511.8133	331.6154	425.2074	302.6146	295.1449	321.3108	244.0376	459.0733	376.1162	568.5491	302.0506	589.4448	471.0971	565.8837	338.1543	493.4379	434.7605	397.8439	394.7994	347.8665	363.0918	298.1495	493.7491	344.0991	540.6649	
CUST_25387_PI429010886	N52329	0.026053		15	12					24.52679	19.41782	27.49771	19.85636	19.08808	24.99293	19.62227	10.42653	26.44706	33.76983	21.37183	21.63352	27.39567	32.10959	40.85856	34.22484	21.39591	27.56643	18.19015	13.26879	13.97389	24.4797	33.37295	26.47171	16.64136	18.7509	25.70354	
CUST_30326_PI429010886	N61640	0.026053		15	12					230.4843	209.1953	322.671	172.9097	202.1435	232.8026	227.8652	282.166	268.6688	213.275	252.6253	308.7172	286.6682	362.3529	361.1547	318.8664	266.7622	281.599	231.3759	328.9809	180.6083	302.2127	253.8057	188.427	396.7445	238.7409	370.4877	
CUST_20127_PI429010886	N42855	0.026056		18	15	405951390 Kynureninase [Crassostrea gigas]			6.25E-08	32.77063	24.54149	15.06711	27.30432	22.6112	10.48086	13.98699	11.98424	9.416182	26.46256	8.763789	17.83632	25.87828	16.80263	16.32267	50.50708	NA		18.10904	16.93603	15.99975	19.73096	37.22354	NA		29.65544	14.1362	8.718884	10.03383	
CUST_34686_PI429010886	M10340	0.026061		24	6		Metabolic process	Carbohydrate metabolic process		962.2957	4001.148	1827.911	2044.563	905.0641	775.2325	1161.62	2365.487	1026.418	661.6789	895.8021	1077.802	710.4011	669.2807	698.8251	497.3582	221.2065	302.2555	70.69633	1682.988	466.7074	107.4484	2136.057	649.3217	29.05729	810.0074	473.8216	
CUST_36045_PI429010886	M14427	0.026081		21	15					13.79996	12.44135	16.46586	34.89593	11.47955	11.77319	7.151549	7.751416	5.76332	13.12407	8.668476	13.33386	13.55355	7.690783	14.63109	14.69551	12.50951	46.15285	11.49641	18.40328	12.43735	18.71748	14.11161	8.402814	18.30885	9.665421	9.498899	
CUST_16163_PI429010886	M30981	0.026122		22	21	380024475 PREDICTED: rho-related BTB domain-containing pro			2.78E-25	38.18832	39.79339	53.15786	37.61954	36.26174	29.11768	37.34183	29.85387	30.77101	37.53024	42.9046	36.41953	27.52267	48.90708	35.89648	38.35721	42.24887	44.75473	36.53753	42.34616	50.14442	54.34897	38.91585	38.85028	36.69997	48.21189	44.28544	
CUST_38825_PI429010886	M39081	0.026122		22	21					15872.37	6571.189	5528.982	27975.24	21011.69	45084.56	26858.78	7717.52	10819.14	37.4089	15369.79	179.1099	112897.4	4083.732	9855.517	11122.77	27577.88	33985.8	16676.56	1404.631	17865.21	9287.843	15743.72	32268.08	7203.869	19298.98	137.2146	
CUST_1796_PI429010886	N10727	0.026122		12	3	187764371 spatzle protein [Fenneropenaeus chinensis]			6.2E-87	4274.83	1811.1	1186.311	16607.59	9305.385	20208.21	8188.092	4797.809	1452.711	253.8408	10649.47	249.8541	3062.827	517.8895	2104.851	1067.598	17482.08	14295.94	7479.639	505.3693	11143.54	1045.788	7950.432	10451.76	334.5946	6116.034	146.8141	
CUST_38075_PI429010886	M23222	0.026143		18	0	321455420 hypothetical protein DAPPUDRAFT_218978 [Daphni	Metabolic process	Carbohydrate metabolic process	6.7E-81	125.4528	112.3919	156.1886	98.23281	42.30429	61.19321	17.02832	83.58732	24.11784	56.91101	43.75577	50.49286	NA		80.96373	36.39578	68.00621	48.87456	28.67208	59.71534	136.0526	102.1576	122.5319	40.10273	49.29932	30.18791	121.0216	73.76805	
CUST_36991_PI429010886	M17476	0.026146		18	9		Transport	Lipid transport		211.0494	300.7234	202.8118	178.8821	269.0643	160.7094	268.6359	272.8585	241.2255	290.5429	338.5409	241.3085	253.9339	270.9139	283.3904	338.9665	249.9907	218.5128	264.5866	380.8862	181.4625	225.8046	215.5744	149.974	278.3606	204.7153	304.437	
CUST_30466_PI429010886	N61953	0.026146		18	15	170032728 smad4 [Culex quinquefasciatus] >gi| 167873062|gb Signal transduction		Other	2.05E-12	19.18101	19.20545	17.91398	15.36071	17.64932	7.65571	10.92713	27.9397	19.08147	145.9962	18.45819	20.82009	19.05569	23.32541	15.91213	24.68274	50.46214	21.54483	25.60312	15.74407	26.60013	11.80273	23.86861	11.55948	16.97989	15.3003	29.62034	
CUST_39425_PI429010886	M39203	0.026157		21	12	16751924 Euphausia superba large subunit ribosomal RNA ger			4.95E-84	34.01746	960.3576	78.66048	774.7379	1233.738	153.1717	478.074	4847.521	3225.426	511.8119	4068.874	5717.187	8470.008	325.4847	5641.729	27.9866	2028.657	13.43047	70.70475	37163.2	1578.633	22.71614	318.8167	316.2685	28.23315	1701.136	1891.601	
CUST_54787_PI429010886	M107681	0.026184		18	12					18.48661	26.73933	30.53983	20.4513	20.33392	23.31758	16.82798	37.83723	30.83942	46.19529	21.3795	19.48765	32.70344	39.93998	38.88459	24.87004	36.92111	28.10538	31.92608	28.95462	32.858	26.32207	28.47733	13.33083	27.58634	24.56057	41.14845	
CUST_28055_PI429010886	N57188	0.026185		21	12					50.67859	66.938	12.5724	84.2989	7.112561	9.202277	19.10728	18.95062	14.1264	13.28314	14.98994	16.60048	39.38447	30.74148	44.7891	32.7645	16.23932	22.74317	14.69878	21.33841	17.65481	17.19687	27.9397	20.78572	9.709104	11.91576	11.79192	
CUST_24540_PI429010886	N50806	0.026188		21	12					114.1048	77.95158	111.5216	76.71565	95.02448	96.8234	93.66147	77.76831	75.32357	100.8857	92.61954	95.57811	118.0698	107.1617	115.5444	97.1202	115.1182	112.1069	104.5242	95.25723	98.94163	103.654	114.4562	101.1357	132.2831	87.13975	97.80592	
CUST_44146_PI429010886	M65063	0.026196		15	3	391327707 PREDICTED: uncharacterized protein LOC100090595			4.5E-23	105.3949	283.2818	NA		417.2965	179.1629	82.3571	318.2412	10.9956	162.5022	7.643809	3.790237	NA		69.24723	13.17601	64.52054	207.6805	116.5139	124.4126	14.13803	NA		86.36905	NA		70.70495	15.7959	NA		11.12025	
CUST_47004_PI429010886	M74467	0.026219		24	0					30.17169	45.59444	34.91643	27.48106	27.79102	41.12787	43.94258	28.69117	33.24975	29.30133	32.73752	46.13849	23.44259	26.89938	24.95301	33.40072	28.34245	25.28773	31.39582	30.87561	33.66515	46.25868	23.78915	25.91676	51.51049	33.87876	37.60789	
CUST_1748_PI429010886	N10594	0.026239		18	3	321470924 hypothetical protein DAPPUDRAFT_302853 [Daphni			7.71E-12	9.775801	19.86545	12.51404	28.74055	24.20666	15.44569	15.32781	15.92609	12.73533	6.824426	16.32095	14.95825	11.12554	12.97798	11.19433	11.37559	30.53018	10.42653	26.18577	22.15217	15.37012	15.37345	25.90815	25.42895	15.88827	26.13131	14.2617	
CUST_32529_PI429010886	M4351	0.026242		18	3	328776107 PREDICTED: anaphase-promoting complex subunit 5			1.96E-34	20.92823	12.43272	15.11963	28.35396	18.42911	16.62399	20.56951	13.48586	9.138723	12.53064	14.00731	7.428537	12.20158	11.46694	11.95099	13.8859	17.47586	11.82733	25.37501	7.515463	19.07791	10.51492	26.67812	17.86001	12.66387	13.64284	16.03304	
CUST_48584_PI429010886	M81131	0.026273		21	0					34.14111	11.02334	43.54805	25.65833	19.52138	29.04798	15.73595	23.92584	6.939821	22.08937	12.34338	19.46833	5.097353	21.95843	9.87455	24.62608	31.61999	28.31399	37.19186	12.95466	32.25819	18.45401	39.3558	26.68081	27.90015	7.957708	30.0232	
CUST_10906_PI429010886	N26972	0.02628		15	0	321459545 hypothetical protein DAPPUDRAFT_309387 [Daphni			2.23E-38	18.93037	15.09234	NA		18.86217	9.13082	14.64853	8.029282	5.738619	4.71542	6.889433	6.246892	3.8418	13.79851	NA		19.88848	16.59703	6.469129	28.84595	NA		7.162712	9.601564	9.048255	NA		12.44135	11.61617	4.16646	11.42367	
CUST_41048_PI429010886	M56756	0.026311		24	0					701.6345	837.729	613.6489	638.6578	684.5685	594.5741	511.4224	496.5233	557.82	808.7225	592.8448	790.1209	599.656	740.6945	813.6581	977.0262	678.7202	710.9044	640.949	822.5821	662.9564	954.6687	644.8914	656.3922	905.952	571.296	807.4639	
CUST_40700_PI429010886	M55895	0.026324		15	9					324.4624	276.4683	336.2744	259.6247	285.7004	212.501	328.3818	261.3191	288.5922	333.6383	322.3624	399.641	302.3576	371.054	328.9809	355.0658	319.8933	304.1627	303.0793	341.6507	302.2127	420.5887	313.9465	265.6039	411.3644	311.1732	423.0023	
CUST_2028_PI429010886	N11361	0.026324		15	0					362.7402	392.6279	269.3458	282.8614	308.7172	326.0904	237.799	215.9452	238.8964	371.1359	268.079	301.6859	271.6624	284.9694	286.8104	459.9274	307.6894	332.4166	332.6812	319.6424	266.4816	422.0878	261.0789	248.428	443.6526	263.9741	312.3654	
CUST_5945_PI429010886	N19409	0.026324		15	0					127.9775	277.5535	110.2126	105.4208	128.8934	138.7005	82.60491	73.60851	54.75352	102.022	65.64051	100.2082	82.60491	71.74241	86.35271	94.51494	102.7242	77.60086	114.1876	66.99427	77.6377	131.7147	116.9692	71.1374	131.3887	85.8553	58.02431	
CUST_43491_PI429010886	M63190	0.026326		21	18					76.25978	73.37448	40.71208	101.6485	74.94569	44.58058	42.68895	36.48665	36.59066	60.66856	52.49227	43.94789	57.44502	68.1335	51.01709	85.86351	58.08045	71.64903	77.6254	71.09226	56.83575	91.22284	49.49452	53.1957	93.19487	48.71321	51.60182	
CUST_1071_PI429010886	N8406	0.026364		24	6	478261422 hypothetical protein YQE_02808, partial [Dendroctonus ponderosae]	Metabolic process	Proteolysis	1.92E-13	586.9437	1099.822	819.682	1163.545	571.094	413.2538	702.0078	1203.954	416.363	633.8371	422.8357	366.8204	529.9042	623.5116	368.7924	152.5473	175.1085	21.25027	130.5299	545.9123	138.6787	9.013974	681.1329	148.65	11.73596	209.8626	125.9625	
CUST_54432_PI429010886	M105998	0.026371		15	12	3913717 RecName: Full=Guanine nucleotide-binding protein	Signal transduction	Other	7.43E-10	34.04318	53.45236	50.29826	43.04145	23.62815	33.61732	34.54419	16.94759	29.5952	42.68003	16.98325	68.26569	55.31379	59.38984	73.21949	62.1341	42.44469	38.66452	38.76201	42.88135	33.61445	78.48034	33.45717	37.9894	33.3136	56.79499	46.23463	
CUST_1187_PI429010886	N8777	0.026371		15	6					49.30624	65.20986	30.25328	52.08646	69.95364	34.6933	78.74635	55.13187	40.34574	51.31053	46.74774	45.1372	26.869	16.86851	28.64267	60.9102	21.97161	49.36928	48.2481	52.13588	32.94969	65.89913	168.5282	30.74654	41.44167	35.33784	40.87212	
CUST_49746_PI429010886	M86966	0.026375		18	0					80.53149	55.95035	93.77397	60.03661	73.51179	55.52574	76.53451	56.25359	67.39787	47.81705	59.99556	38.63759	30.13575	33.80016	26.38163	58.00017	102.0348	50.97047	51.38396	76.33468	63.40813	54.13488	58.38163	49.10837	45.29693	87.99607	45.09375	
CUST_5562_PI429010886	N18875	0.026395		15	3	383852356 PREDICTED: myosin-IB-like [Megachile rotundata]				46.27475	28.21862	30.54779	39.1747	47.20161	102.9589	50.00676	50.45571	45.33809	25.96869	38.20162	23.63331	30.01523	30.37645	37.02581	42.92316	62.84333	49.28963	79.84889	50.81627	38.55322	18.62216	33.56673	50.80203	30.55308	58.59263	28.44009	
CUST_42157_PI429010886	M59570	0.026403		18	6					61.74634	33.32019	30.9722	64.50028	41.44605	72.3461	105.5819	45.87335	74.68625	41.71517	40.04237	47.23493	40.14953	21.54181	38.91166	37.79341	66.6859	32.8723	114.7111	24.58201	53.29849	34.2205	63.7264	97.17307	78.02809	50.9755	76.12074	
CUST_55839_PI429010886	M111847	0.026419		15	9	293347793 PREDICTED: zinc finger protein 709-like [Rattus norv			3.52E-54	14.1603	10.68037	7.327745	8.669897	4.653863	12.50339	15.73055	11.68992	13.07347	22.39686	14.25137	16.62935	6.943814	19.13431	11.73596	33.86551	8.986987	6.417222	15.09075	7.601851	14.50091	19.14299	6.382168	16.9925	21.85231	19.24671	19.69856	
CUST_21459_PI429010886	M45245	0.026424		15	9					18.85135	26.54903	23.12065	23.67058	30.98742	15.25416	15.05054	15.96047	18.75909	19.1562	18.10445	21.62724	11.83887	10.08763	14.9864	21.84747	15.81697	24.57313	20.79558	19.62350	19.61274	11.98292	10.68638	11.42766	11.98292	10.68638	
CUST_53131_PI429010886	M100331	0.026431		18	6					NA	59.67663	15.88699	43.38005	31.94483	NA		NA	415.0913	423.2024	24.34275	116.4744	122.452	110.4575	31.0625	107.174	NA	20.83003	NA		40.54674	1129.849	117.3985	29.23931	141.8752	113.1265	NA		179.3756	168.154	
CUST_18745_PI429010886	N40339	0.026443		24	18					43.59959	70.169	70.77093	49.49452	51.9493	59.2457	51.83037	50.33169	59.37489	118.0091	73.78486	103.6651	55.41559	84.81787	74.45078	73.3681	94.08412	64.99075	96.47975	90.11072	73.41537	76.68397	88.58239	32.86388	70.33128	68.07541	87.50342	
CUST_1373_PI429010886	N9437	0.026446		21	18					244.2771	397.7001	254.8434	225.5895	333.5081	273.9149	135.7577	111.8492	179.7697	295.0205	204.1442	384.1514	207.885	359.7386	417.6101	574.4912	111.4084	494.4534	229.13	505.2828	299.0341	720.0434	255.4386	266.5285	341.9433	224.9679	235.0098	
CUST_30472_PI429010886	N61966	0.026486		24	6					35.48457	42.46725	56.28307	49.59376	42.48584	62.54934	66.04832	44.85914	73.30133	45.67726	33.70252	40.95911	30.7925	49.51255	60.85469	48.36598	64.96286	47.65996	32.2878	35.24075	38.86489	44.01861	38.74344	32.55416	40.19376	34.90742	47.63767	
CUST_54789_PI429010886	M107683	0.026489		12	0	197940771 Euphausia superba mitochondrion, partial genome	Transport	Ion transport	1.3E-104	3607.364	6189.048	4232.305	2218.572	2527.895	1983.417	3147.989	4232.305	4407.135	4348.32	3530.217	6100.209	3372.782	4738.823	5293.128	4201.227	2659.902	3352.836	3074.469	5980.233	3469.507	4031.594	4313.91	2531.781	4639.445	3569.653	5515.427	
CUST_39983_PI429010886	M47802	0.026489		18	3					6767.816	3175.174	2869.202	13907.98	968	22281.96	13375.82	3711.262	5688.498	171.1038	6986.943	67.30873	5445.033	2139.684	4607.367	4782.509	12715.79	14805.59	7628.757	709.6744	8470.008	3972.597	7637.386	15537.42	889.3445	8783.054	83.93301	
CUST_39985_PI429010886	M47887	0.026496		21	3					20.79607	24.59022	16.07261	24.18418	24.9855	17.50878	12.95945	10.7968	15.15404	14.41386	12.71932	21.55583	10.30184	11.30247	13.04197	20.56778	14.66107	18.2356	10.87507	17.31232	24.21798	12.90641	33.64032	11.80446	18.46372	16.44566	23.18287	
CUST_10522_PI429010886	N26368	0.026496		24	6					320.3175	319.3199	298.53	264.1731	301.467	306.5332	261.7284	258.602	295.3248	369.6113	279.6762	306.8029	246.92	285.7468	272.1063	388.1247	311.9303	344.7288	329.9922	383.225	347.3329	325.6779	236.6906	302.6662	397.9322	295.9077	401.8543	
CUST_25302_PI429010886	N52668	0.026497		15	9					55.85751	50.68809	49.33073	40.81576	34.03745	40.95098	43.76564	38.43703	45.68644	56.58363	59.61145	52.55217	36.08462	64.1188	49.8819	58.11529	49.87425	52.79577	40.69248	40.61144	54.98545	35.28967	40.42487	47.96622			
CUST_24205_PI429010886	N50226	0.026512		21	0					15.42553	10.67164	18.40643	4.958353	10.21711	11.84191	17.84645	12.82143	14.08649	8.438285	9.922626	8.906902	7.074973	3.941649	3.770663	4.544747	79.08585	7.916656	14.90751	5.769447	13.89131	11.3725	13.46088	24.85393	11.38323	21.58422	4.848883	
CUST_22382_PI429010886	N46930	0.026512		21	12					102.0693	159.9839	95.19444	86.6967	65.93703	26.93068	89.35703	78.54463	106.3073	121.0793	91.6409	134.5033	102.1933	155.5527	112.8577	103.5324	90.19499	119.8071	117.5843	83.50755	109.7061	144.5986	88.6992	99.84559	121.3759	45.7289	53.40548	
CUST_33841_PI429010886	M8003	0.026524		24	0					148.7285	164.8518	144.77	111.637	114.1048	157.8626	126.8079	113.0678	128.5525	138.0153	100.2724	142.821	95.13953	109.2258	128.7791	123.7772	123.2882	164.6258	125.5232	105.4346	121.4973	163.4134	102.2185	133.2798	165.9503	130.4682	143.8508	
CUST_1778_PI429010886	N10679	0.026535		15	12	380503698 sarcoplasmic calcium-binding protein [Marsupenaei			4.7E-66	2692.301	5278.442	4008.447	2688.606	3419.141	3126.195	2331.325	3130.59	3414.171	4561.712	3551.684	4787.683	3472.182	3968.239	5060.995	4847.521	3156.693	3509.529	4038.67	5176.163	3879.679	3271.146	3092.843	2184.967	4253.825	3886.072	4791.679	
CUST_42654_PI429010886	M60870	0.026537		18	0					43.0244	45.14009	65.68089	37.11592	38.74854	36.8462	41.6388	35.05162	21.74146	40.90818	36.55477	24.17916	33.88658	27.63304	39.10739	41.27495	28.63363	35.89648	37.83723	48.51868	32.41678	49.05418	30.79135	27.77642	32.74781	17.947	25.88089	
CUST_1828_PI429010886	N10822	0.026539		12	0					NA	14.93734	10.20734	NA		3.960392	NA	NA		3.673331	11.42007	19.29786	4.056221	13.13833	10.08636	21.72694	25.49244	12.53064	NA		9.530867	3.717105	4.494932	12.11037	31.86259	23.31758	12.45327	50.27036	23.77956	43.1379	
CUST_25191_PI429010886	N51946	0.026554		12	9					32.86117	NA		11.45774	73.55823	3.895848	7.39706	NA	NA	6.810134	61.36332	60.6558	157.283	114.2465	16.02003	48.08498	NA		5.579312	10.7921	6.574274	55.55289	60.61979	132.0478	10.76087	79.76051	29.90756	53.33947	41.59799	
CUST_40278_PI429010886	M52406	0.026574		18	12					766.6399	1184.785	1202.61	260.2212	717.1047	627.4273	818.6448	838.9983	617.5712	1013.924	1059.917	982.113	956.7714	1581.923	841.4264	1013.272	625.0062	1217.47	629.0535	1315.292	768.4307	1530.618	785.705	709.8502	968.7311	659.1977	604.4329	
CUST_5958_PI429010886	N19426	0.026577		15

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_15620_PI429010886	N34874	0.027006	15	12						80.14138	50.82916	64.56424	55.83606	31.33759	22.26367	67.74837	120.8183	66.53186	55.64622	46.66161	38.26462	94.08412	81.87922	61.79243	77.28747	79.14043	40.33441	58.12189	35.23712	23.79718	72.61909	36.5186	62.46096	91.6409	46.52112	71.50258
CUST_77_PI429010886	N476	0.027006	15	12						80.22855	84.12226	77.97597	67.72476	62.91706	74.89819	65.30643	64.125	70.33128	84.11167	60.61424	94.92777	74.11739	97.21485	105.9691	88.60515	63.93448	80.13478	73.04458	75.56946	68.82889	87.85163	71.82501	62.52529	74.84295	97.36237	87.78461
CUST_13602_PI429010886	N48089	0.027006	15	12						41.26062	40.07867	62.67301	45.24787	49.51746	64.30394	40.79872	42.07479	47.49104	49.24687	36.42394	78.15144	50.85184	67.60441	82.41691	55.98343	62.94659	42.76199	44.46924	52.11124	72.78204	43.439	37.30131	34.49254	60.26272	73.96327	66.92364
CUST_23583_PI429010886	N49066	0.027006	15	3						47.71565	83.36467	42.56702	60.33388	63.83994	95.27106	65.22254	81.52938	35.57579	69.18954	95.95551	46.51079	42.24809	41.93393	15.83311	61.12853	99.52485	49.03345	84.86918	74.61343	50.8348	78.63344	46.25868	76.11306	69.31912	37.67896	57.92964
CUST_32955_PI429010886	M5559	0.027008	21	15						84.57304	77.69279	68.46628	62.38529	77.44837	68.0898	69.24723	61.13994	59.80641	88.4815	69.61944	77.45737	70.52611	80.61162	60.6558	91.04966	86.58356	87.11963	85.26543	71.9913	61.51764	83.31796	68.48249	58.62811	98.95253	58.11529	75.04971
CUST_44584_PI429010886	M66385	0.027031	24	18	260814680	hypothetical protein BRAFLDRAFT_60702 [Branchio			4.99E-11	15.81697	12.81714	12.30868	4.297852	17.34168	15.73743	5.500018	9.485366	12.38626	16.18436	17.69892	18.69291	13.21509	13.12545	7.213286	15.56439	15.29468	16.80437	16.86851	31.39871	20.1154	3.795256	21.95116	18.70704	13.67972	16.94046	10.41181
CUST_35404_PI429010886	M12497	0.027047	15	9						160.2021	138.0091	154.3834	143.3153	126.6371	125.3899	183.091	154.2025	178.0431	203.006	162.5528	198.9264	149.9525	184.9585	170.4197	203.9202	240.682	158.2442	176.5188	176.4383	178.833	195.0326	153.0835	154.1562	258.9285	179.0604	201.3867
CUST_11006_PI429010886	N27120	0.027115	18	12						27.48409	24.49848	24.8301	23.02707	19.59849	21.87774	21.80116	18.66441	18.58498	22.97663	18.73831	22.17757	12.98148	29.92091	27.32872	22.76882	25.62613	28.63363	20.8433	14.36186	14.53278	20.62307	26.50986	18.46537	13.95627	19.36095	7.499239
CUST_14471_PI429010886	N32941	0.027116	24	6						153.961	57.78767	11.16007	165.8485	39.51034	74.04651	176.7754	75.27932	149.5758	7.779891	8.957551	NA		116.8917	10.41586	63.75313	17.99221	30.85363	37.26268	20.68548	3.990879	7.173073	9.479243	6.810134	128.673	5.171846	84.2393	17.24927
CUST_11698_PI429010886	N28258	0.027118	15	12						23.41982	67.25349	28.54572	33.81529	43.9229	65.10535	33.8279	32.97999	21.10666	55.91435	59.22278	45.49623	49.20084	61.5801	34.47136	66.89269	74.06718	70.3928	43.00832	29.12321	25.59155	27.40178	39.09942	38.57925	40.94647	45.43527	40.0188
CUST_3700_PI429010886	N15078	0.027118	18	3						48.84923	118.3064	NA	532.3882	272.5517	298.9754	137.7783	8.822611	105.242	6.337987	4.033641	NA	21.9208	69.03435	123.8729	420.1077	5.078333	292.0038	15.43825	44.11886	5.683749	364.7093	NA	290.0281	125.7351	NA	NA
CUST_51376_PI429010886	M93316	0.027134	24	0						25.11484	32.57877	24.61213	18.27067	22.50429	24.50538	18.65246	17.33078	28.9598	28.81723	27.49118	24.08567	16.81632	23.40412	18.39223	28.93067	19.27159	24.64126	24.2252	14.35036	23.87245	24.86718	24.0618	25.83743	26.88741	27.13598	32.90555
CUST_36349_PI429010886	M15682	0.027137	24	12			Metabolic process	Carbohydrate metabolic process	3.905813	NA	25.352	12.56761	13.35477	5.864902	9.42148	40.55137	25.04089	8.669897	22.4434	34.40827	40.81934	29.11327	21.1975	20.11281	27.89184	NA	24.25926	66.85557	30.32568	11.83103	31.05637	NA	17.14547	16.71521	8.260264	
CUST_45186_PI429010886	M68268	0.027143	15	6						10.90408	19.78239	15.64186	11.83012	17.43083	13.19079	23.16574	22.25206	16.63993	13.71042	14.54491	10.16134	10.95578	13.93866	4.847534	10.65864	19.94747	14.28453	NA	16.11003	12.38228	15.80527	19.05757	NA	22.58247	11.38749	16.43274	
CUST_10301_PI429010886	N26028	0.027148	24	21						84.1293	93.94852	95.7753	85.38257	79.20223	77.43118	77.21633	75.30403	78.75847	93.72794	66.62115	84.33492	79.74735	101.8251	102.6905	85.64499	85.03701	85.54854	91.1558	84.03407	91.40169	106.8104	113.9625	83.57768	67.82256	107.6827	94.85349
CUST_3424_PI429010886	N14468	0.027166	24	6						73.5024	72.64262	85.83424	85.34367	61.72335	58.42676	91.4434	74.15763	84.20531	69.50944	55.30305	49.65587	62.08961	65.04228	57.46153	58.77193	53.04479	58.31834	66.33801	45.53479	50.61028	73.14833	56.37885	54.01898	74.20243	66.22546	44.39886
CUST_34543_PI429010886	M9973	0.027169	21	18						82.20584	93.56818	49.10837	63.73904	76.02137	53.22735	46.92136	45.3426	49.53059	61.25018	63.12362	90.77809	61.89112	60.39123	63.03207	104.9497	54.80919	78.25555	76.11306	93.32222	66.25397	97.50342	85.41552	47.05803	77.04659	46.3492	65.70437
CUST_20450_PI429010886	N43466	0.0217	21	0						81.63335	102.8432	93.49845	86.07302	80.38938	67.90618	43.03847	59.3369	65.34071	63.22526	75.32357	90.51231	57.69532	89.67555	50.42986	98.98439	58.01793	83.39175	95.72441	68.1364	84.2989	118.495	74.67944	85.493	63.95336	56.36185	87.85163
CUST_32030_PI429010886	M3052	0.027172	21	12						15.13318	9.583323	14.85731	NA	9.517811	9.375364	4.231651	10.75755	14.01751	14.43734	16.32704	16.0016	17.47076	17.30489	14.42452	12.57708	13.60386	11.57836	16.63365	12.83923	7.613075	15.73743	15.32584	14.86246	10.6787	6.19599	12.02328
CUST_32834_PI429010886	M5220	0.027176	24	0						179.5583	170.1249	117.7722	167.5472	164.8776	143.9244	144.1199	127.7733	113.6011	149.3076	117.0962	158.101	99.74324	119.1024	110.0194	140.8068	129.6714	126.6031	173.9876	143.0859	154.4215	131.0159	108.8172	148.9974	147.2113	170.3395	134.0378
CUST_20515_PI429010886	N43588	0.027182	21	9						15.8263	9.213601	24.1047	15.33408	8.353787	NA	14.5414	10.70265	8.496964	10.9756	12.36577	13.18006	11.12654	11.17074	27.05448	19.12543	17.43453	12.73395	23.42234	5.614366	6.561972	11.24021	18.47842	17.12071	18.33154	NA	NA
CUST_29406_PI429010886	N59799	0.027199	15	0						153.5562	127.6673	143.0445	136.9776	117.7161	93.95638	108.1985	106.3173	113.6045	159.9242	135.1566	147.2513	117.8738	172.082	109.5638	165.5033	137.9515	137.8441	125.2148	119.7503	139.9485	91.76014	128.195	110.6234	181.075	128.5685	57.4172
CUST_33607_PI429010886	M7412	0.027233	24	12	405960113	Ubiquitin carboxyl-terminal hydrolase 15 [Crassostr			3.47E-08	7.089313	14.62912	23.88653	8.07676	9.687487	5.652126	17.75139	17.29417	27.35532	13.06014	22.04537	16.56559	21.83253	25.40852	26.3141	18.41069	16.29894	12.30062	15.22485	29.20693	16.07923	24.13249	15.01997	14.1448	22.30073	13.39381	19.85963
CUST_52944_PI429010886	M99570	0.027233	24	18	260831558	hypothetical protein BRAFLDRAFT_65954 [Branchio			1.65E-10	85.15981	127.6283	147.7228	99.75328	88.96346	97.23707	85.56392	91.86368	97.85969	151.2427	99.68173	157.378	93.03197	143.069	118.04	124.009	158.8514	193.6603	108.3614	108.8737	112.3919	128.9813	144.2098	111.5107	150.1848	130.2384	107.3035
CUST_49535_PI429010886	M86007	0.027238	15	6						258.7852	653.6532	596.8255	171.5473	1101.197	1043.343	549.9307	283.8348	1089.128	818.4343	392.2104	1201.959	422.2989	1097.209	982.113	496.5233	181.4858	445.5129	506.1361	729.346	1002.452	4058.299	1131.729	2163.813	1193.503	986.4774	1343.537
CUST_39069_PI429010886	M34188	0.027242	24	15	225875099	Euphausia superba cry gene for cryptochrome, exor				998.2355	1270.943	1396.326	783.1618	1078.296	1034.145	754.7954	1037.639	1106.085	1310.544	1115.083	1483.935	1163.104	1548.599	1419.195	1765.654	1126.811	1328.52	1270.943	1450.058	1125.765	1472.13	1174.994	1019.767	1315.839	1246.965	1499.492
CUST_39283_PI429010886	M37201	0.027242	24	3	152949487	calcification associated soluble matrix protein 2 [Pr			7.3E-23	9937.704	9519.823	3739.652	27773.77	27270.14	40354.05	24132.63	9686	9261.186	452.4978	20443.66	505.6922	9715.562	771.0971	5319.238	1751.759	27773.77	14205.89	2303.07	442.9673	24647.46	1620.39	20865.58	29281.85	740.6945	12422.81	448.6531	
CUST_49936_PI429010886	M87794	0.027242	15	9						49.14895	50.45571	61.24287	35.35407	38.80762	54.79813	44.24444	48.92098	63.87286	97.70002	46.08794	57.59047	47.3594	49.99255	64.26853	59.1427	61.59565	53.59509	42.70658	60.47979	39.32188	50.11342	44.98106	33.73933	75.73714	77.49116	71.09226
CUST_9162_PI429010886	N24159	0.027242	15	9						2636.548	9965.559	4733.383	2805.418	1234.796	315.8463	418.4668	1724.056	7479.639	7828.426	7197.042	15199.11	3572.519	8515.08	5197.227	14775.04	1041.277	3717.434	4827.614	8129.488	6621.858	10015.79	6750.846	891.3926	15221.8	10143.74	15458.08
CUST_12196_PI429010886	N28161	0.027242	15	12	37595925	signal transducer and activator of transcription [Per	Signal transduction	Other	1.14E-85	40.15861	34.0757	45.63167	26.01832	27.38976	18.46967	38.49903	34.7228	29.98387	78.16064	24.90512	45.05944	22.25206	45.81525	38.38764	52.91645	37.7275	40.66714	44.88658	31.77329	29.66792	45.24787	35.98004	31.81303	46.27883	44.7505	72.44248
CUST_17240_PI429010886	N37637	0.027242	15	9						280.12	318.2985	338.4186	234.9258	256.7514	319.8266	272.5517	261.8083	270.0349	376.0037	280.5674	362.1966	277.4454	331.1092	325.6779	342.3066	251.5651	288.6485	267.38	285.422	300.4403	357.152	297.209	256.281	342.2472	349.8347	341.847
CUST_422_PI429010886	N5133	0.027242	15	9	220172371	putative elastin a [Rimicaris exoculata]			7.65E-13	6630.238	25196.95	13907.98	1748.457	3929.651	276.6492	698.4337	9341.534	24425.67	37739.19	31314.74	48876.8	21773.32	30443.79	25081.91	37972.43	5197.227	17482.08	31492.49	33148.92	30443.79	49258.66	23241.72	1564.24	54279.51	38947.83	56447.03
CUST_4044_PI429010886	N15871	0.027256	12	0						55.08741	65.51399	104.6652	67.36225	66.51353	65.23612	64.58903	67.12853	85.59472	60.37722	62.23675	71.35987	98.62916	90.52141	83.53882	87.5621	93.87602	81.02279	57.59047	87.55497	62.12557	54.38291	70.32547	51.62562	83.45905	84.60749	112.0225
CUST_13292_PI429010886	N30922	0.027289	24	18						316.2685	364.475	341.396	220.6402	265.9908	195.9052	281.0895	248.3342	301.6337	227.1802	321.8946	399.0919	287.7468	328.7379	322.593	420.025	335.4811	306.9203	401.3173	373.6828	248.428	478.4338	278.6632	227.6752	405.4301	227.225	316.9025
CUST_46832_PI429010886	M73866	0.027324	15	12						28.32496	23.21071	26.9442	18.28609	20.75152	19.32948	23.91073	23.23227	17.74547	20.144	25.5782	21.99372	25.03208	21.82183	30.37957	21.36888	21.80317	22.87323	19.94747	17.21077	15.7161	27.12757	16.22684	20.55898	23.49823	7.525118	22.10198
CUST_2305_PI429010886	N12067	0.027324	15	12	241835601	anti-silencing protein, putative [Ixodes scapularis] >	Cellular component organization	Chromosome organization	1.3E-71	116.178	99.84559	93.36286	78.45985	96.1698	54.91034	90.68288	58.23374	65.14347	123.2747	87.59441	92.42083	95.74719	96.9916	91.17869	119.4425	89.21981	74.66117	78.92088	99.50846	93.28305	83.5291	84.68307	59.3369	126.8312	86.56723	90.76835
CUST_6058_PI429010886	N19572	0.027369	15	9						390.2834	430.8818	253.9339	343.5515	328.7379	323.5707	259.3271	253.8833	241.5998	367.5439	291.1632	363.3814	286.7556	275.0029	277.6024	460.3656	358.225	389.6265	395.7641	347.0333	305.4399	421.2748	264.269	306.5697	363.8764	266.6447	313.9465
CUST_11211_PI429010886	N27450	0.027381	15	9						11.55416	24.69322	11.63036	9.456396	6.974362	9.422886	13.85759	4.325683	15.07677	20.09831	10.17638	10.69036	15.76954	12.43574	14.47801	15.73231	9.501422	6.976589	7.378942	9.501422	6.140199	18.76711	17.22674	5.923247	20.04541	13.36717	17.40769
CUST_33102_PI429010886	M5972	0.027392	21	15	156938909	thaumatin-like protein [Suidasia medanensis]			4.09E-38	763.4512	800.3484	799.3451	268.588	287.0591	616.4707	501.1913	603.9714	196.032	811.5226	683.3484	675.0461	392.3971	546.6515	312.4689	887.1414	1182.845	883.1215	942.6383	234.5938	371.2619	822.5821	691.1905	443.5662	402.5662	680.741	435.6005
CUST_34600_PI429010886	N29104	0.027409	15	12						421.2064	407.5311	412.4272	305.0519	262.1655	237.9979	285.3112	295.7576	317.5778	377.8878	259.5337	337.2385	340.7478	358.55	420.4304	501.4801	425.1355	329.4107	374.6185	322.4275	329.2076	417.1955	374.6921	317.8181	374.182	374.6282	371.6125
CUST_38832_PI429010886	M31027	0.027438	18	15						2380.879	3748.628	1348.92	1147.595	4667.789	3902.514	437.4103	456.1991	1179.34	3264.73	1762.677	2071.989	854.2242	2543.989	1728.225	6240.976	1095.161	5004.678	1981.218	3680.553	1849.813	1428.874	1364.277	1176.647	1119.759	1647.631	1275.086
CUST_32288_PI429010886	M3704	0.027438	18	9						1124.753	1213.834	829.8828	942.6383	1183.738	768.5376	981.0866	1354.655	997.0196	1138.766	1311.23	1686.366	1233.197	976.6512	1222.467	1373.036	1012.516	848.334	1276.669	2434.013	1231.516	980.7968	834.9559	721.8143	1226.144	1007.431	1141.431
CUST_47387_PI429010886	M75919	0.027453	24	15						97.75958	102.6905	122.6448	90.54311	108.2468	93.55728	83.00511	88.77007	96.34482	123.3713	103.1898	119.3119	100.1573	126.7933	115.7889	132.652	100.4962	106.872	107.2382	112.8267	105.1478	132.473	102.1333	104.205	99.25819	95.98918	142.6996
CUST_42398_PI429010886	M60188	0.027479	21	18						15.46051	10.2343	11.16751	3.791189	8.29527	9.204642	12.08287	18.08937	17.72667	13.37838	17.14547	13.67972	12.11941	NA	7.077971	14.18297	10.42781	8.982813	14.49923	19.50089	13.09346	8.6774	10.2415	NA	9.207048	7.447234	5.45314
CUST_44948_PI429010886	M67491	0.027491	15	9						12.4643	12.92194	19.20978	12.01567	13.19382	17.63842	22.49442	13.32448	20.23489	20.47188	36.48332	37.25447	13.28314	8.855559	15.13318	11.51639	15.99082	19.04546	10.51996	13.86795	19.8522	17.54318	9.605462	13.20123	16.73161	32.13434	28.94785
CUST_36079_PI429010886	M14565	0.027494	21	0	328796226	mitochondrial ATP synthase gamma subunit precur	Metabolic process	Generation of precursor metabolites and energy	4.83E-98	2140.816	4270.599	2020.188	1342.338	1719.247	1172.595	912.4218	2100.151	1294.709	2139.684	1406.77	949.8478	949.0578	1715.766	646.7171	2476.731	1601.861	816.1069	1162.112	2807.026	849.0108	3676.785	1562.541	2669.53	1523.414	1277.111	1114.646
CUST_5795_PI429010886	N19207	0.027494	21	12	321473830	hypothetical protein DAPPUDRAFT_99108 [Daphnia	Protein metabolism	Protein folding	3.5E-70	81.75759	90.55235	76.674	65.60373	67.04779	47.67267	69.70264	44.62585	83.59685	83.95292	66.59221	113.976	159.3003	83.58732	147.8481	99.74324	49.93988	69.42462	71.14697	108.9165	61.77428	77.4993	100.5297	67.59014	70.99743	62.34386	66.3015
CUST_31603_PI429010886	N1947	0.0275	24	21	321468302	hypothetical protein DAPPUDRAFT_104373 [Daphni			8.53E-52	108.064	127.7879	79.64311	65.83024	96.44756	89.14278	66.86178	75.24399	69.88371	103.7132	83.87285	82.36794	72.71237	85.29111	92.31619	135.074	84.45921	71.72159	86.47473	113.5525	92.29442	118.0563	85.83424	101.5112	124.9549	93.10199	107.3899
CUST_5256_PI429010886	N19867	0.0275	24	0						45.70165	43.8795	64.4873	40.45279	52.70102	32.63377	36.41953	16.47009	31.50694	40.59153	32.19808	42.54782	43.43615	45.80326	47.88942	69.17707	41.68481	44.06245	47.15624	32.93167	31.86426	47.15624	31.66985	31.6939	31.46986		
CUST_6893_PI429010886	N20742	0.0275	24	18						155.1509	223.9394	211.9082	163.7665	157.1144	174.3884	180.016	179.3955	181.4858	304.7525	193.556	249.8933	207.1975	220.5819	260.1385	210.8661	226.3675	186.3153	208.9685	272.638	209.4461	251.0973	219.1432	228.547	223.7478	199.7111	234.141
CUST_874_PI429010886	N7649	0.027527	21	6	255983833	glutathione S-transferase [Eriocheir sinensis]			2.23E-55	35.17499	79.09571	33.1299	167.2734	513.4234	181.8416	157.4775	1051.549	589.1626	97.20572	477.1155	668.0541	721.1961	78.66048	385.9721	150.5497	271.7119	126.6371	75.37057	2224.226	450.8925	66.4925	135.9627	196.5334	113.5681	653.8395	405.9943
CUST_23922_PI429010886	N49705	0.027529	21	15						25.27217	34.52588	27.66265	9.530867	26.7682	NA	3.853843	16.11142	15.99247	15.68875	10.80018	26.61953	12.81312	22.58452	26.22286	50.99575	21.0901	29.68336	19.59595	29.72221	18.15465	25.69293	25.33083	16.43274	26.30532	19.70849	16.0166
CUST_37421_PI429010886	M18968	0.027548	15	0	223403273	sarcoplasmic calcium-binding protein [Litopenaeus			1.32E-86	5430.703	5991.557	3661.505	4584.946	5181.094	4979.355	2708.301	3152.492	2997.206	4854.251	3453.79	5933.737	2442.431	3809.024	3651.445	6744.801	5035.54	6307.408	4490.741	5023.801	3509.529	4432.801	4371.861	4058.299	5609.183	5430.703	4424.066
CUST_37903_PI429010886	M22186	0.027548	15	9	321475563	hypothetical protein DAPPUDRAFT_307836 [Daphni			3.88E-14	362.3529	442.0725	463.9991	357.7037	358.2812	376.4458	368.1562	391.5301	443.4781	435.2247	357.4809	507.5628	388.0401	500.2189	472.4043	565.3295	342.5512	413.2538	352.4518	389.0546	410.3497	602.798	453.0933	433.7721	506.8788	501.4801	543.5013	
CUST_42491_PI429010886	M60404	0.027548	15	9	9186884	BCS-1 [Amphibalanus amphitrite]			1.1E-08	171.0777	537.9358	388.1247	59.58353	254.3377	44.98106	68.63903	359.57	452.4018	728.235	194.4818	617.029	233.6523	572.0401	277.2896	566.0346	107.8082	262.1655	166.6372	499.2279	246.0125	406.809	394.5293	14.0382	633.9622	362.7402	661.8313	
CUST_33542_PI429010886	M7219	0.027548	15	0	242021988	cAMP-dependent protein kinase catalytic subunit, p	Signal transduction	Intracellular signal transduction	2.78E-22	42.89451	39.44549	42.9046	31.8793	38.52489	41.94819	33.98233	30.52691	24.1047	42.6624	37.51655	34.119	26.83276	25.55814	35.9063	48.48483	51.28805	44.07419	33.28088	37.1484	34.50513	41.11502	21.17943	37.07575	56.16292	32.87464	49.03345
CUST_52329_PI429010886	M97076	0.027548	15	9	334326889	PREDICTED: zinc finger protein 287-like [Monodelph			2.97E-26	50.21619	65.38596	57.18723	44.87166	45.88252	42.10422	59.6812	47.08024	67.30267	78.70239	64.3475	74.21285	47.51073	69.20807	47.29592	81.85243	48.34765	55.17531	62.71939	64.97549	67.85099	73.44541	67.7681	55.08745	85.30129	80.70446	71.05715
CUST_903_PI429010886	N1755	0.027557	24	12						764.7143	569.2573	731.0066	499.8559	506.0078	586.2213	605.6379	607.4385	614.0398	559.1604	524.4761	715.3982	652.3862	765.4435	759.8078	697.8167	537.1966	606.1014	614.9399	606.9165	642.9965	541.2506	753.4667				
CUST_40736_PI429010886	M55967	0.027557	24	15	270009780	hypothetical protein TcasGA2_TC009077 [Tribolium			1.49E-30	237.3209	188.0209	210.2272	184.3061	156.4871	217.5163	165.7972	174.1985	203.482	250.8185	254.095	231.4586	187.0582	265.7201	241.2571	292.7654	225.7607	300.2063	227.1414	242.1214	181.7276	256.8548	273.6903	219.1432	296.8833	231.8541	242.1667	
CUST_43172_PI429010886	M62271	0.027557	24	15	242019119	protein phosphatase 1 regulatory subunit, putative			3.9E-20	51.51243	52.09599	50.85762	62.92388	46.45766	36.69017	21.25435	32.81991	46.83381	56.67223	42.04788	53.96058	46.26909	55.09266	24.38309	66.23901	84.31618	62.87324	47.63767	63.52108	38.05769	57.70169	47.59295	105.5819	60.94428	44.07915	58.51806
CUST_16177_PI429010886	N35795	0.027562	15	0						59.52293	123.5891	30.83099	37.78218	38.98332	47.64968	33.62105	34.31018	23.86861	39.56391	28.63701	24.66303	25.02916	20.34468	14.33423	48.68295	43.94789	40.48521	38.54256	25.6094	26.6361	28.89154	33.48083	29.28006	32.59686	31.27363	22.19942
CUST_13035_PI429010886	N30473	0.027574	18	15						40.1699	66.36423	43.1896	41.35027	29.82235	37.10603	37.77438	27.78206	49.44344	59.67038	28.23631	58.23374	63.30844	35.59734	59.67038	60.78952	30.08888	81.91685	43.10871	50.19147	49.688	59.12378	37.87644	33.96909	50.89404	18.6314	28.22043
CUST_32295_PI429010886	M3720	0.02761	24	21						48.11605	51.53321	48.88298	35.36774	44.68637	28.26641	32.17296	26.93627	36.94944	50.12589	61.5685	50.84587	45.46228	57.74713	26.13131	74.66117	33.04443	53.8551	46.13849	64.99075	50.59835	73.64901	59.23972	44.86385	59.8939	48.69863	56.64713	
CUST_6080_PI429010886	N19603	0.02761	21	18						281.2623	376.6382	256.8944	219.3834	258.3561	264.9246	213.5752	199.2344	225.8273	331.7667	254.8434	306.1523	254.9115	261.7284	234.4127	431.7288	204.7153	313.3535	263.6263	339.9729	283.8866	359.297	269.1187	239.1825	296.5712	261.4696	253.5058
CUST_18778_PI429010886	N40391	0.02761	21	15	321476640	hypothetical protein DAPPUDRAFT_312099 [Daphni	Transport	Transmembrane transport	2.3E-19	27.81087	18.06907	33.42247	4.550003	10.46694	8.902179	30.99832	20.34468	18.37554	17.19879	28.3396	21.43269	24.86526	23.34144	20.62529	26.32739	49.64767	22.63948	10.21233	26.04992	21.54181	14.51567	32.93338	24.96011	22.83945	15.70628	19.25276
CUST_57041_PI429010886	E108	0.027642	15	6						8.58357	8.935164	13.80995	8.687252	12.97798	9.576049	17.96665	10.50509	14.10671	5.437546	7.228787	12.87701	4.56075	12.35967	8.167

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_21245_PI429010886	N44881	0.08206	24	15						177.5884	220.6402	199.4211	217.37	145.9425	210.9062	203.4225	175.9719	159.2366	243.2786	186.1374	210.5891	179.0014	211.4366	271.9546	234.7305	224.1509	238.1723	237.5448	241.7686	183.8985	223.0044	208.7066	234.017	230.36	278.6632	185.6237
CUST_8342_PI429010886	N22906	0.08226	15	3						546.956	509.8767	321.0768	241.8262	429.6585	601.962	514.6723	410.1622	428.333	359.0068	365.1838	427.1137	433.3733	426.6051	390.7246	465.6558	476.7276	468.7286	473.9584	391.0528	350.3639	454.8231	362.2892	525.2083	385.9721	313.8962	286.4677
CUST_15477_PI429010886	N34639	0.08226	15	9						43.75577	101.2088	100.6181	66.90864	69.86983	103.4856	124.9854	109.2258	127.3806	192.1704	208.1857	43.05742	79.29506	133.2449	205.9	238.1723	237.5448	241.7686	183.8985	223.0044	208.7066	234.017	230.36	278.6632	185.6237	159.741
CUST_5269_PI429010886	N18473	0.08223	12	0	291236218	PREDICTED: NucleoOLar protein family member [nol-			5.48E-41	50.71291	55.55874	48.52333	34.86128	38.93982	13.47949	32.48228	27.9685	32.36622	55.78991	40.05813	60.5059	36.78203	66.30727	28.86203	49.81881	25.72813	30.2585	34.55538	51.61587	47.90107	47.71977	40.20059	30.81878	65.92191	55.80731	58.892
CUST_42038_PI429010886	M59219	0.08277	15	12	548531516	PREDICTED: E3 ubiquitin-protein ligase HUWE1 isofo			2.04E-92	56.95742	44.67525	58.597	76.924	47.13629	48.92098	44.66322	47.14504	38.97838	55.86399	58.09597	64.45055	63.85949	58.36485	62.96106	53.36598	59.86951	58.60431	44.09424	56.73383	51.25067	74.71666	34.11542	26.86002	69.60585	64.77801	60.93069
CUST_21563_PI429010886	N45439	0.08313	18	15						24.05186	16.77789	20.06061	24.30558	14.07075	18.57232	9.823191	12.46283	9.834889	30.54342	18.57026	22.4606	16.94914	14.06235	11.52352	22.93214	26.29349	23.63855	25.1894	14.15763	19.9835	13.67832	15.5215	8.963404	5.805366	25.36775	18.93037
CUST_57337_PI429010886	E6446	0.08335	15	9						55.9701	67.50801	74.63865	57.99026	54.23167	61.05832	51.31578	52.96132	70.80885	70.32547	102.7959	77.64007	55.93124	77.89081	71.41994	65.1875	67.46884	65.43441	66.66314	66.25397	61.18601	61.49124	64.39273	64.81878	88.40608	58.15467	89.41173
CUST_29000_PI429010886	N58999	0.08366	18	9						42.53656	35.63559	56.19324	19.82899	24.6471	22.79184	35.81535	43.30808	37.1486	67.04779	42.82585	51.91237	43.64196	44.54185	53.69064	48.21189	58.597	35.54827	58.25188	50.039	29.76829	48.61196	41.80062	34.10794	47.80852	46.55207	58.05303
CUST_15304_PI429010886	N34365	0.08378	24	15						20.12103	28.3608	8.498279	20.71589	26.26779	13.2528	19.35495	17.0738	12.69324	26.52817	23.64095	29.64495	30.75309	28.1987	23.29568	40.3031	21.3795	30.53648	26.38163	37.33468	13.06491	32.8295	NA		24.87004	23.51171	20.88612	23.60076
CUST_17542_PI429010886	N38148	0.08378	24	0	170038740	phospholipid scramblase 1 [Culex quinquefasciatus]			2.48E-28	41.55626	37.4516	40.33441	37.53618	37.12271	33.36548	32.45773	34.53803	43.62743	33.51452	22.5314	27.38684	28.10538	27.89681	36.48332	29.82235	28.62456	15.5304	34.86849	48.17521	37.31704	31.95868	24.86718	42.27106	28.03356	56.8218	36.29774
CUST_53481_PI429010886	M101886	0.08382	15	15						6.037096	8.387454	7.728763	9.464207	6.494902	7.842686	3.76154	8.419112	NA	10.43749	4.458762	10.21387	6.412722	10.99151	6.616037	12.80086	8.707775	11.32033	12.17117	9.274758	11.52569	6.793654	NA		9.963882	5.900827	5.92639	
CUST_25163_PI429010886	N51893	0.08411	12	12						562.1725	580.6994	491.272	555.3104	485.7919	602.6317	468.822	469.6397	531.5557	702.2549	534.5603	739.8087	533.4173	642.8014	743.4007	477.8507	501.702	494.5663	491.0819	587.8154	529.9042	689.4854	557.1607	512.0216	748.7335	719.6282	628.8832
CUST_43455_PI429010886	M63104	0.08425	21	0						52.80847	31.15588	54.5227	38.72684	37.54361	31.43817	39.7396	31.76384	53.29328	35.7636	23.56221	28.1163	30.96598	33.18183	18.65856	23.38605	37.17994	35.6576	30.87561	23.81358	39.44972	34.47823	48.21189	49.01378	52.9276	32.08471	35.86628
CUST_42999_PI429010886	M61815	0.08448	21	21						14.91349	21.8123	20.19663	18.98962	14.64501	11.38971	11.36366	16.17384	20.71979	33.47045	20.28753	25.04089	20.36175	17.01511	8.727631	30.74351	18.29941	25.5267	16.18083	28.41298	68.06658	24.37698	59.11379	36.55801	33.56428	16.47211	23.96204
CUST_48886_PI429010886	M82714	0.08448	24	3	91088399	PREDICTED: similar to Rapgap1 CG34374-PF [Triboli Signal transduction		Other	2.46E-24	49.67787	48.50963	46.33994	56.50947	47.27714	51.62109	61.64233	36.72937	47.5011	49.97285	37.88014	35.91866	42.26034	46.81158	39.94582	41.86651	56.65877	52.38415	36.53489	48.03764	55.15261	57.62155	60.81378	53.52565	82.72689	49.13393	63.34141
CUST_47971_PI429010886	M78333	0.08476	21	3						111.1756	109.8291	107.8324	147.687	136.6153	118.7356	107.0174	90.28628	96.97877	132.033	116.1614	107.2382	89.93577	115.0393	93.55728	148.1409	107.533	109.002	120.5667	117.9689	99.58413	130.0885	197.3524	95.51753	142.821	137.4615	131.7044
CUST_22172_PI429010886	N46564	0.08478	18	6	260831342	hypothetical protein BRAFLDRAFT_202728 [Branchi Metabolic process		Oxidation-reduction process	1.92E-34	15.18687	6.406079	14.50765	7.737261	5.533896	6.07716	18.12511	13.11969	15.42925	12.75297	7.84373	9.374459	7.733411	12.91624	7.811739	5.185762	8.613965	3.565422	9.073537	3.260163	6.580137	7.700308	20.91496	7.745791	14.06382	NA		11.16121
CUST_143_PI429010886	N1541	0.08479	12	0						17110.44	9937.704	27412.06	2125.97	4854.251	2580.486	16297.18	26713.02	23137.01	26783.35	14054.76	13487.6	20646.45	29764.17	14529.33	8304.282	20372.97	8421.341	16571.88	11013.97	12175.63	17165.71	23998.85	8527.974	30360.4	8955.736	26713.02
CUST_22211_PI429010886	N46633	0.08479	24	0						77.52659	88.92819	157.3603	50.00676	35.12261	25.49244	77.5823	134.5271	120.7327	158.101	62.03099	62.23219	109.3295	109.9853	108.9872	89.27715	59.35924	43.55575	56.65296	93.94852	66.09773	87.81308	93.10199	46.75809	109.6371	79.36014	135.7237
CUST_1169_PI429010886	N8723	0.08479	12	0						1254.757	1574.342	1557.99	1344.532	1184.216	1275.591	1030.293	1162.112	1394.051	1550.902	1268.692	1708.455	1356.243	1895.191	1904.883	1712.532	2230.999	1447.664	1093.408	1516.22	1424.308	1734.303	1394.051	1324.078	1713.527	1451.905	1846.031
CUST_7297_PI429010886	N11011	0.08489	21	12	321466429	hypothetical protein DAPPUDRAFT_225662 [Daphni			2.12E-15	14.72906	80.87419	64.79479	187.6138	281.447	66.67032	140.4504	643.2335	359.3716	69.90395	638.47	673.3658	443.4781	94.40103	163.4951	NA	294.4013	13.74046	59.40092	1394.051	394.7279	8.546868	96.24145	83.51601	21.59935	307.5089	304.942	
CUST_2497_PI429010886	N21337	0.08494	18	3						39.05552	30.74654	41.28276	22.90938	96.61745	174.4788	103.8804	54.85716	44.38974	37.68617	87.81308	55.85206	44.06771	34.36064	26.56221	36.7129	53.83209	64.35394	41.46823	30.3417	122.5998	39.61101	103.0771	81.85243	61.911	105.1367	36.30688
CUST_5467_PI429010886	N18743	0.08499	21	15						192.6772	227.3449	236.9573	202.6446	258.9285	217.0599	224.7094	176.0053	216.0765	181.3561	173.4253	189.9402	201.2454	225.0368	189.3905	252.9891	217.0982	307.9665	229.9564	221.9188	265.1519	279.1889	177.5136	198.0363	289.4881	192.8746	220.2522
CUST_33900_PI429010886	M8192	0.08851	18	9						19.51092	12.59239	20.40858	15.52381	15.88403	10.35023	16.63804	13.34989	16.15585	17.65649	18.11915	25.61415	11.28356	25.03856	18.25998	16.71152	20.28225	20.14785	14.81603	21.67714	17.66078	12.61842	11.9014	11.49641	27.06658	13.92846	26.87814
CUST_38877_PI429010886	M31478	0.08518	21	6	321479210	hypothetical protein DAPPUDRAFT_299971 [Daphni			2.08E-14	6.541514	1310.544	510.1908	2134.91	2306.592	1051.932	1365.452	6448.481	5013.208	1396.326	4064.703	6026.937	3208.657	1038.033	2033.91	NA	1725.627	NA	624.47	13734.78	4461.585	8.351204	1827.911	1528.209	NA		4773.42	4847.521	
CUST_24558_PI429010886	N50837	0.08521	21	12						35.80705	27.26909	34.81682	40.71927	28.88408	36.01731	24.28972	24.88619	21.79421	22.82685	32.68104	29.72221	31.14945	25.82846	35.82003	42.20313	36.32136	28.24069	38.25818	43.96447	29.00747	34.05422	26.48449	31.5882	27.13842	36.77765	30.85708
CUST_7635_PI429010886	N21848	0.08523	24	15						276.7912	299.4458	368.2489	214.1014	249.8541	247.6419	220.8734	209.5249	275.4605	344.0193	271.3533	389.6265	283.9501	346.965	373.896	360.9417	303.2741	341.4469	328.2492	348.9836	271.4065	372.5738	307.9072	248.7474	329.0332	280.0685	359.8163
CUST_25784_PI429010886	N53060	0.08533	18	0						21.69636	18.7709	28.91721	13.00375	6.976589	17.67291	17.85063	NA	13.64087	14.33423	12.26155	11.57662	8.023445	27.29319	4.970591	8.652112	13.9884	10.87355	54.99254	19.89653	24.8275	10.86868	26.66367	18.2356	17.64058	12.70528	30.3611	
CUST_11111_PI429010886	N27283	0.08535	24	0						77.60864	171.5722	130.7837	89.33478	147.2999	102.3423	102.4176	99.7668	125.099	179.8168	101.9095	115.6759	75.50768	95.18251	88.31622	108.1674	98.73097	112.6894	115.1567	86.9224	130.357	114.1483	179.3955	131.7044	141.1131	127.3248	122.5181
CUST_54262_PI429010886	M105321	0.08536	15	3						125.8598	45.48365	122.7332	238.6208	149.8301	221.0931	182.2584	217.8082	55.32634	11.90477	158.4788	NA	76.4833	29.18222	38.6903	NA	126.3312	176.5131	100.7238	NA	109.9853	NA	214.0092	211.0801	8.806922	13.44962	NA	
CUST_6326_PI429010886	N19950	0.08554	12	0						164.7626	182.7865	222.2031	99.47188	111.5705	109.0193	122.0534	156.9601	168.3796	228.0795	146.8674	203.5264	160.0546	210.7973	165.5033	190.645	136.7482	147.1318	161.4564	158.1524	166.8454	194.4538	193.6314	203.8181	210.6402	159.8607	209.2252
CUST_33916_PI429010886	M8231	0.08558	24	18						38.88459	18.99531	17.96665	15.54567	19.50089	20.75304	28.38786	23.56736	25.99299	37.38785	16.70318	14.02745	19.06154	22.80672	29.54213	34.6933	40.83264	52.85888	53.53627	36.14912	35.23712	59.68907	17.61362	23.11751	34.62398	37.93423	32.47618
CUST_40778_PI429010886	M56059	0.08586	12	9	270003094	hypothetical protein TcasGA2_TC000123 [Tribolium	Nucleic acid metabolism	Regulation of gene expression	5.34E-13	80.23994	132.8409	79.84889	62.74739	69.19616	53.84406	44.07091	62.99128	78.08745	119.3119	88.40608	139.2667	87.74689	118.233	112.1531	103.202	72.81129	73.5908	71.66601	120.1692	93.60773	99.82512	120.1854	82.59837	80.63947	88.72989	152.6328	
CUST_2718_PI429010886	N12972	0.08586	12	12	345496989	PREDICTED: probable peroxisomal acyl-coenzyme A	Metabolic process	Lipid metabolic process	4.5E-149	NA	5.649998	NA	10.27148	25.68325	NA	20.44923	18.92041	10.05594	22.68396	74.33243	65.10535	131.259	NA	69.14635	27.80089	24.76741	19.58405	14.24335	270.6283	30.14891	12.6973	12.40402	13.15672	4.66559	67.12853	115.7617	
CUST_37690_PI429010886	M20696	0.08595	15	12	7320913	masquerade-like protein [Pacifastacus leniusculus]	Protein metabolism	Proteolysis	1.10E-96	1219.823	1010.922	1395.016	718.2136	498.8709	262.1655	1715.766	994.7785	1404.631	1663.806	518.8148	988.0968	2341.487	2351.436	1655.791	1717.641	1377.193	579.8544	1000.153	1085.565	764.0731	1920.006	1801.38	743.802	3138.529	656.3922	3219.948	
CUST_19042_PI429010886	N40886	0.08595	15	12						14.99431	20.02214	8.346516	4.26332	5.524891	5.05173	5.92558	9.79486	4.875781	17.72667	6.810134	11.84191	7.682987	21.5895	8.494473	13.49483	11.21679	8.854627	10.32292	5.063659	5.330047	16.12591	8.195858	10.9768	18.09887	9.524556	12.0863	
CUST_53535_PI429010886	M102151	0.08629	21	3						43.87581	33.92714	45.4417	33.42509	44.47869	49.3486	23.6887	35.95337	29.75085	30.45779	29.89381	34.1984	25.64937	35.26822	33.26462	32.54126	39.96875	41.75113	35.01361	20.65721	38.0304	33.41929	38.81815	46.00478	35.9369	41.76249	43.5925
CUST_22486_PI429010886	N47124	0.08634	24	21						33.34314	39.08829	16.53843	27.06658	37.92303	32.18854	15.18687	15.64687	21.07965	37.8309	23.86522	15.37345	30.14891	28.51882	23.74624	32.00727	28.74973	34.57676	21.80535	27.78422	23.05184	38.12468	42.71532	29.25886	24.23621	37.34877	25.97297
CUST_46127_PI429010886	M71476	0.08871	15	12	321470910	hypothetical protein DAPPUDRAFT_49564 [Daphnia	Signal transduction	Other	3.75E-30	16.40268	22.5725	25.37243	4.894593	10.80337	12.09198	15.93573	13.98699	17.5674	20.99955	16.8955	14.67098	14.60212	23.47811	27.33369	23.5201	19.66959	17.81636	17.20064	13.57199	16.82166	21.99372	23.21832	13.99239	19.01271	19.55109	11.06447
CUST_26748_PI429010886	N54794	0.08882	24	12						172.498	182.4397	224.8249	196.6343	194.0862	233.088	200.1136	188.7518	213.3037	220.3651	232.5962	207.7149	163.1012	185.7359	189.7693	169.6968	202.1136	175.0113	156.8293	175.0113	156.8293	175.0113	156.8293	175.0113	156.8293	175.0113	156.8293	175.0113
CUST_38835_PI429010886	M31062	0.08729	18	3						4979.355	2756.174	848.6156	14950.27	6026.937	17482.08	7197.042	2977.308	6148.012	503.8676	1695.261	593.6703	4399.213	1955.85	4221.337	1883.709	7119.249	9770.164	3077.216	1728.225	2168.863	5349.606	2623.017	13124.49	1040.197	6863.631	444.5828
CUST_43202_PI429010886	M62393	0.08729	18	9						16.06632	28.13335	29.68336	17.79901	18.68487	16.46383	11.73206	21.23846	19.78805	34.80653	25.62613	34.6052	14.80507	22.86472	26.80447	23.5068	17.19461	22.32946	19.9426	25.95428	26.3358	15.15061	7.863762	18.4152	19.58019	30.3731	17.42213	
CUST_53613_PI429010886	M102478	0.08735	24	3						326.4884	1569.266	434.4861	1907.989	638.47	780.6851	391.4581	540.3776	380.6318	499.6354	265.1181	880.8883	400.3298	517.0533	574.2435	499.2279	114.7999	398.993	238.8193	188.3473	578.2355	403.2396	619.0377	376.6382	658.1422	1009.233	340.2645	
CUST_16176_PI429010886	N35794	0.08745	24	0						33.77253	39.56391	44.76886	21.14025	31.61657	31.24487	33.34314	20.75304	26.3487	32.46964	21.9039	28.9598	26.97875	27.00762	34.34807	37.62291	32.84186	30.43159	22.71378	26.17206	34.73965	32.26619	32.47256	25.00635	39.25313	36.62478	35.93356
CUST_41081_PI429010886	M56836	0.08757	21	15						436.3193	339.3078	496.4081	502.3399	475.6507	447.8279	436.7207	364.475	592.9907	684.7245	660.8688	918.9933	706.1971	686.1452	576.8367	731.4443	636.8404	769.8974	452.2817	586.9437	460.5023	397.0596	646.2272	638.6578	598.2934	447.1828	798.0318
CUST_18515_PI429010886	N39933	0.08876	15	0						31.16623	25.36189	30.82234	17.54469	15.50269	22.74008	19.49887	16.46215	16.91691	17.92979	21.32406	22.8004	17.51958	21.89788	11.55683	30.32196	23.90612	26.63149	32.66548	30.0232	15.27365	25.32849	17.19113	13.95948	27.01753	17.67291	23.63855
CUST_8745_PI429010886	N23509	0.08761	21	15						327.6399	377.0882	344.8512	314.8877	365.6765	507.983	359.57	289.8985	318.1453	374.5146	333.2881	303.9813	337.9324	319.9685	307.1797	430.7898	420.504	436.6018	432.8549	319.0748	358.6229	347.2399	400.1052	391.4581	335.8009	323.3503	308.2184
CUST_32277_PI429010886	M3688	0.08766	24	0	443721461	hypothetical protein CAPTEDRAFT_17890 [Capitella	Symbiosis, encompassing mutualism through parasitism	Viral process	7.48E-55	10.4406	9.456396	11.5275	8.352146	8.140928	19.2383	4.876287	10.94377	4.872328	11.1247	3.956825	6.818591	8.945536	6.320653	5.75088	5.84802	NA	NA	NA	12.82499	0.098337	11.4448	NA	NA	13.16888	11.32653	11.3725	
CUST_2343_PI429010886	M12145	0.08790	24	12	214012051	ADP/ATP translocase [Artemia franciscana]			2.1E-39	1529.572	1177.081	1193.941	2475.35	2452.337	6372.368	1856.885	2027.433	1236.95	975.9966	2154.443	1302.095	1584.97	889.7966	561.7404	1110.444	1953.814	1902.514	1597.013	1433.182	1419.159	2960.961	1597.91	3787.585	1290.993	
CUST_13595_PI429010886	N31439	0.08799	15	9						87.09496	116.1614	73.22698	77.82271	72.82575	61.5685	59.53415	70.13143	115.5867	109.7371	70.88181	137.5279	125.3899	87.60236	103.5957	111.7039	29.5273	78.38473	87.98669	64.648	71.01876	109.4106	77.60864	90.72052	110.3421	92.75345	119.3665	
CUST_3097_PI429010886	N13783	0.08803	24	6	27805448	RecName: Full=Peptidyl-prolyl cis-trans isomerase B	Protein metabolism	Protein folding	9.54E-45	707.3962	515.8865	224.0471	457.9897	170.8315	216.741	702.4802	352.0546	691.4084	310.4051	148.0647	122.1037	484.8203	238.0396	245.0768	290.0767	167.6977	109.3629	149.3496	198.9264	147.7682	206.6019	171.8979	268.3232	337.9324	190.3851	161.2028
CUST_3659_PI429010886	N14981	0.08808	18	12						277.5533	274.9043	393.5988	230.6845	257.455	310.7615	274.6475	300.9857	332.5951	276.5189	333.4458	412.1707	335.5871	406.809	370.9949	400.5981	343.0578	354.2504	352.327	330.1788	240.8565	374.7559	316.8471	189.9733	403.0406	290.7849	419.3343	
CUST_10101_PI429010886	N25695	0.08813	18	15	291238977	PREDICTED: rCG56742-like, partial [Sacco glossus ko			1.72E-45	70.61376	55.37064	87.29557	65.20347	66.65717	71.94962	71.07701	65.28197	69.07358	66.24577	87.69732	71.16796	88.4462	102.9589	83.14826	103.7718	100.3232	82.51706	89.47031	95.368	57.41889	79.36987	76.91503	41.10188	102.6107	78.12041	104.4971	
CUST_42712_PI429010886	M61040	0.08818	18	12	307197899	Transmembrane and TPR repeat-containing protein			1.17E-31	7.535575	8.950802	22.95471	12.9342	8.252454	3.767545	25.45721	13.45283	14.23755	NA	27.47176	42.09877	22.50662	57.10862	30.96598	21.01435	6.49944	14.73365	8.15397	34.75205	NA	9.928945	22.66789	NA		22.54321	8.426447	15.33118
CUST_39373_PI429010886	M38509	0.08835	12	0						9.031084	1461.877	710.6638	12.87509	16.62548	12.4831	8.792314	4.438084	12.0863	1001.62	283.0254	912.0221	75.51588	56.0501	20.89839	10.80445	11.81437	12.65789	NA	7.542588	5.269474	NA	NA	12.55296	1050.577	17.78423	6.702805	
CUST_56467_PI429010886	M113871	0.08839	21	18						85.77208	71.58792	91.82524	52.15768	96.84604	89.50659	75.62563	69.72006	51.37508	77.24703	68.39623	74.82753	56.80732	71.55597	49.41092	54.76027	100.651	97.282	116.8757	94.72175	98.03383	85.07901	101.6676	51.73412	87.65825	60.60207	70.05382	
CUST_4485_PI429010886	N16869	0.08841	24	0						137.8813	83.60593	117.7304	99.2772	53.86751	111.7487	71.77967	75.49081	77.21633	80.842	78.33196	54.85007	61.31684	91.14746	72.9595	55.01668	87.11006	73.49284	60.28242	111.637	84.19357	61.02614	40.62506	84.35593	114.6697	99.1645	119.9416	
CUST_33120_PI429010886	M6071	0.08847	24	3	307207514	Uncharacterized MFS-type transporter C19orf28-lik			4.45E-07	13.62289	20.87033	9.691153	26.97522	21.61291	27.25419	23.65678	67.9638	50.99575	15.84016	106.3173	128.3615	46.51079	25.54293	29.71896	18.79291	33.26577	22.67397	21.22121	132.7009	67.15397	41.22121	132.7009	67.15397	41.22121	132.7009	67.15397	41.22121
CUST_55980_PI429010886	M112406	0.08879	12	0						386.0388	572.2834	462.321	294.7498	390.2131	416.4515	363.1719	412.4272	356.1302	439.2849	412.3362	635.6512	511.1819	478.5158	551.2455	598.4797	407.1868	352.2533	402.6962	472.773	435.0294	500.5021	465.4504	404.4491	500.9078	484.0144	518.0097	
CUST_57022_PI429010886	M115140	0.08879	12	0						525.1056	696.7816	746.6817	458.3652	650.0167	522.6581	465.4504	530.042	574.6243	707.3962	573.864	746.9886	596.0223	691.1905	607.116	534.9773	526.3482	634.9072	545.6531	679.1732	549.5559	638.9314	652.3862	568.3832	771.3694	605.4467	793.9994	
CUST_38676_PI429010886	M29052	0.08879	12	3						1509.413	667.0295	113.0821	7737.591	7960.065	14035.86	6448.481	3060.282	1533.433	11.85797	6426.682	13.25603	1563.475	6.445454	966.4783	149.0785	11673.13	11259.43	8696.127	3.698137	5055.748	57.8814	4015.965	7579.447	40.94065	7395.598	3.873572	
CUST_43093_PI429010886	M62055	0.08879	12	0						96.06297	91.98586	167.1839	91.11111	101.3567	111.0532	90.3266	96.91901	114.5736	128.1757	104.9253	156.9005	105.3539	151.2035	138.2244	100.7779	103.1588	93.84895	120.2042	104.9922	116.73	129.3352	141.3582	117.0097	125.5811	136.9448	166.2291	
CUST_6889_PI429010886	N20737	0.08879	12	0	321478589	hypothetical protein DAPPUDRAFT_303058 [Daphni	Nucleic acid metabolism	RNA metabolic process	2E-111	130.1875	161.7305	92.52049	70.27178	72.28479	46.83381	70.2561	88.7086	102.7524	143.2735	80.94247	111.1756	112.5941	94.49669	95.23078	99.38154	97.43479	80.48768	87.38085	115.8059	108.9753	111.3772	108.3885	74.3064	122.2551	101.4752	171.8172	
CUST_50016_PI429010886	M88273	0.08879	12	0	339721487	proliferating cell nuclear antigen [Litopenaeus vann	Nucleic acid metabolism	DNA replication	7.21E-26	248.8286	623.8166	456.2722	193.556	224.9139	170.317	220.511	305.2873	315.7204	477.2259	208.027	487.7611	374.9159	464.9946	455.2984	411.957	234.017	364.9554	232.9884	461.0025	350.5238	404.0517	420.025	175.4362	671.0656	354.5586	597.939	
CUST_22966_PI429010886	N48017	0.08897	21	18						30.62521	24.65512	14.48619	18.87315	22.43908	24.15363	15.87123	11.82115	13.87948	24.40654	18.61977	21.23397	20.208	21.23667	20.04961	28.85616	17.31232	28.05064	30.91745	26.61223	18.97043	27.76033	10.96904	23.4129	22.36658	24.11521	18.51985	
CUST_20313_PI429010886	N43216	0.08898	24	15						15.49062	10.32811	25.26607	NA	9.214884	NA	8.505871	5.547594	8.198298	14.24335	7.179499

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_41336_PI429010886	M57477	0.029527	15	0						653.9628	698.4337	519.6135	414.2851	478.2055	517.6852	457.3191	433.7721	383.7251	493.0904	505.5887	584.1415	339.1595	427.4471	508.5068	801.7718	560.8883	624.2921	536.4898	573.864	475.032	650.2354	399.1635	479.1448	942.3167	530.2702	597.0282
CUST_52184_PI429010886	M96678	0.029527	15	0						54.76633	91.56459	77.47192	48.3123	58.87771	63.89787	48.59467	56.65877	43.27178	66.97079	55.25124	62.78204	60.3963	69.42462	63.35686	70.108	65.59001	75.04275	53.65979	65.42947	61.53942	54.07518	81.18707	55.59388	65.82296	49.3195	69.15357
CUST_46502	PI429010886	M77842	0.029528	15	0	307208663 ER degradation-enhancing alpha-mannosidase-like			7.4E-15	66.78979	20.10327	62.21051	15.94162	28.03992	18.42911	42.44034	48.13849	59.78571	51.51243	29.40344	35.21227	51.58072	80.13478	37.75935	32.71054	13.06433	17.99644	37.22874	32.02557	29.33547	58.00667	59.03159	23.16735	60.10166	19.96165	74.19557
CUST_23965	PI429010886	N49785	0.029528	12	3					2212.175	2061.289	919.6285	11545.02	17234.2	18116.83	13147.15	5105.143	1918.015	746.9886	15482.55	1087.079	2884.034	797.7975	2112.767	1112.909	17837.74	13275.24	9530.181	581.5974	11816.95	1195.55	8493.602	11013.97	897.6332	7536.588	576.5142
CUST_39857	PI429010886	M45821	0.029554	12	3					151.8403	18.21746	35.35004	1154.959	316.122	1904.883	568.6876	403.6614	75.64933	3.7334	340.8239	NA	139.6592	7.744827	56.77783	NA	1211.945	1086.056	243.0834	NA	139.9854	7.80639	132.7469	759.5836	NA	862.8974	NA
CUST_14739	PI429010886	N33384	0.029554	21	15					339.7564	310.5573	258.0874	235.8718	281.2963	287.2312	241.9211	221.2763	200.3064	330.882	299.5774	264.3669	219.4136	261.767	217.5495	484.0144	334.1058	325.5645	363.8038	295.2655	279.1889	363.2975	223.1512	259.0619	475.032	198.8279	278.6013
CUST_46036	PI429010886	M71146	0.02958	21	18					24.8275	46.60476	34.26311	15.27365	23.531	5.857243	15.62744	7.663615	10.42321	43.33729	19.54896	25.99897	24.06718	27.24092	29.90756	38.16824	18.57026	39.70836	17.49601	41.12468	31.78038	46.64901	23.59085	21.16222	22.91218	21.81525	35.19263
CUST_31834	PI429010886	M2521	0.0296	15	2					791.2722	2179.192	1281.141	721.1961	465.2249	378.0737	393.3268	119.1299	790.5889	1504.846	898.9921	2504.679	905.952	901.9536	1657.221	1240.437	52.62093	358.0335	904.602	1660.585	1386.212	466.0044	225.693	226.0436	895.455	877.6784	1081.506
CUST_12219	PI429010886	N29121	0.029606	12	3	478250713 hypothetical protein YQE_12134, partial [Dendroctc	Metabolic process	Other	1.82E-21	172.082	216.6058	90.38098	251.5259	186.9387	295.2206	225.7607	165.0319	228.3459	74.22931	65.63314	78.08745	171.4068	77.90078	115.9538	154.6378	160.259	231.8976	125.7869	73.26024	94.92777	101.6485	64.71901	318.4396	82.86721	179.7938	72.40334
CUST_13568	PI429010886	N31394	0.029606	12	3	262401023 cytochrome c oxidase subunit VIIA putative [Scylla p	Metabolic process	Generation of precursor metabolites and energy	4.62E-07	528.5021	503.4817	534.5603	675.7327	698.8251	825.7659	386.2115	648.6302	470.7834	463.903	441.3844	486.5202	492.3863	765.0242	592.481	599.7852	554.4782	742.6323	618.8739	902.7962	479.0678	750.8373	531.2482	369.6113	501.3373	591.7087	624.8531
CUST_19310	PI429010886	N41361	0.029607	18	9					11.70041	7.967454	NA	5.415271	3.812859	5.254253	NA	5.405551	NA	15.7975	15.83559	14.13803	5.673212	7.57659	17.43627	7.138401	6.241278	17.5491	15.67634	4.425369	5.795169	6.782422	NA	NA	13.38001	9.695604	8.221669
CUST_41537	PI429010886	M57984	0.029617	24	18					70.88996	72.1551	57.35641	62.54934	52.11537	48.09045	50.57194	50.43862	91.13848	84.41305	86.15616	115.3266	76.16727	84.05405	91.35555	88.58239	23.58375	71.38963	98.45237	93.34264	106.4305	87.75721	80.61916	36.35659	70.27178	88.17592	78.93037
CUST_48862	PI429010886	M82582	0.029616	24	21					466.0826	503.9702	549.6818	424.5435	407.5311	480.2626	391.9101	415.3866	450.1209	486.1656	422.1729	523.8983	437.1883	538.1956	544.9594	618.5189	420.6788	471.0971	420.2091	624.13	570.6164	580.6994	570.1143	471.9637	594.1197	545.3317	654.7049
CUST_30023	PI429010886	N61025	0.029616	24	21					72.97459	61.95712	64.36368	46.56491	61.3315	67.5589	50.71291	70.30533	63.61419	67.50801	49.76955	80.4086	58.96311	78.86687	51.83037	69.63319	69.87848	71.73214	65.71273	70.69633	73.63983	84.1757	78.84971	74.95386	78.93037	68.37004	69.56934
CUST_35478	PI429010886	M12680	0.029623	15	9					763.8572	865.174	916.8157	727.4325	737.499	609.4542	836.7397	672.3398	793.9994	950.2628	970.3266	922.8399	702.0078	840.3682	757.8647	945.5514	701.1457	806.0846	835.782	911.24	694.5441	925.8412	605.4467	650.0167	1142.567	797.3133	971.7833
CUST_53968	PI429010886	M103917	0.029653	12	0					13.19382	11.3957	16.33892	4.049919	5.364535	9.253041	NA	7.012133	5.601268	9.956467	6.083321	8.724159	4.642534	NA	9.02845	13.11969	15.87452	8.351204	8.209591	4.413551	5.282757	3.453675	NA	4.846612	14.67882	20.53586	18.96681
CUST_4324	PI429010886	N16515	0.029661	18	3					58.62419	3.594225	60.26917	86.13317	113.3117	194.6574	145.9425	30.58011	4.0068	4.743067	92.4425	21.39305	23.79718	NA	9.104602	3.604472	191.2063	63.53447	193.7403	NA	42.6663	NA	201.1076	251.404	NA	55.67871	5.045546
CUST_49543	PI429010886	M86045	0.029672	21	0					157.1144	168.7959	170.6936	161.1809	142.9849	166.0384	122.3193	130.5819	143.4947	147.1696	136.3782	189.7386	149.5758	197.6933	164.4415	156.9336	146.4472	165.2222	145.0637	162.3514	146.585	168.177	151.707	165.7787	144.7517	150.449	153.7764
CUST_6348	PI429010886	N19982	0.029673	18	6	321467616 hypothetical protein DAPPUDRAFT_320238 [Daphni			6.7E-30	118.6617	151.6013	117.746	170.7553	144.7517	116.0377	168.2847	150.286	161.8906	116.8091	167.4717	162.9163	154.6585	160.1816	112.517	145.0486	115.9131	92.96667	147.7228	145.4403	113.2498	124.2579	121.3759	102.2185	167.6742	136.7554	235.9095
CUST_49478	PI429010886	M85816	0.029686	24	21					19.6024	118.1469	30.83339	57.16139	18.51256	22.02487	24.91328	12.29952	21.69445	27.73533	22.88862	24.135	29.94174	20.04708	19.58619	43.19614	27.92893	35.49419	26.87538	30.96855	49.79836	37.96514	23.565	59.0899	23.20447	15.59485	32.70344
CUST_16119	PI429010886	N35693	0.029687	15	9					65.8929	46.88603	40.24548	62.94659	43.8795	50.48246	86.44204	50.53472	31.91513	58.00017	47.43001	13.50761	36.01332	26.37038	20.36175	90.55235	101.9359	28.44656	107.8556	117.3157	95.96344	55.16431	24.27461	NA	52.42987	42.62942	57.61472
CUST_26867	PI429010886	N55001	0.029688	12	9	390362121 PREDICTED: uncharacterized protein LOC100892955			9.61E-10	5.298018	NA	26.62034	3.378824	4.322357	14.91349	NA	20.65925	8.026683	54.75394	NA	29.3424	7.613075	18.19818	23.15048	5.366146	3.667746	NA	5.268728	8.446949	6.508212	22.25705	17.57797	NA	6.972812	8.698364	5.60476
CUST_50731	PI429010886	M90812	0.029707	15	0					11.17351	21.62181	9.927073	10.36474	14.13095	19.39824	9.033618	9.673986	7.272559	11.78596	8.630999	8.687252	9.384386	8.734424	14.9321	24.81549	9.666802	18.73049	12.54687	11.92305	7.388302	13.67397	15.2073	9.907267	9.272219	NA	6.989719
CUST_41340	PI429010886	M57496	0.02972	12	0					83.06954	92.4425	72.19392	78.39762	70.81749	59.67663	47.59957	43.70884	64.61143	74.18777	71.72159	75.7673	77.2785	76.924	92.1688	121.5886	49.13393	72.52738	70.60594	101.1723	65.96571	117.8039	67.05664	59.65312	106.1754	71.89357	108.7588
CUST_55493	PI429010886	M110350	0.029748	12	0					34.67799	34.76682	34.60947	18.43584	20.58696	35.41996	14.35419	22.40135	30.74148	37.52021	31.86259	45.15073	20.48821	43.96447	42.23347	33.54956	20.80857	28.68237	27.77246	24.51394	37.14508	34.52311	30.96855	18.20618	40.1276	37.77885	49.02873
CUST_46503	PI429010886	M72843	0.029824	12	0					46.66745	56.41128	27.17883	59.75541	46.96117	42.09877	46.90544	38.97496	33.20236	36.06457	35.91866	30.23833	39.37435	26.04444	42.1461	44.0999	49.59839	47.93942	39.63454	44.98924	36.82429	59.82999	20.51687	36.73446	43.05742	32.88145	23.49823
CUST_50552	PI429010886	M90241	0.029824	15	9					120.4315	73.59863	176.5007	48.71731	99.4422	86.20359	151.2427	92.47211	107.638	138.4789	122.7974	158.6127	115.1438	121.3307	118.5634	101.4752	142.4549	80.02167	98.51875	101.8542	118.0864	90.78956	158.4097	151.7333	137.3696	103.384	175.7472
CUST_13767	PI429010886	N31734	0.029836	24	6					35.39935	12.51969	13.71806	41.8887	8.201884	35.76089	64.50807	49.15395	54.71071	6.49944	11.65277	16.96557	22.24073	11.23684	21.89378	8.291054	15.07677	19.54386	12.35607	8.353787	19.7328	5.377206	13.98077	12.76656	15.4684	48.63366	10.03982
CUST_23699	PI429010886	N49306	0.029836	24	21					93.27103	141.0429	108.7711	101.92	97.97139	106.5708	99.30005	83.32632	85.95	135.9242	99.82512	138.9365	92.13028	139.0764	138.3597	156.3748	73.52413	140.147	95.12719	141.7869	125.2377	154.793	110.737	130.3743	132.109	116.2211	111.9132
CUST_18117	PI429010886	M23418	0.029852	12	3					126.9102	301.849	290.0189	260.0114	207.1584	490.0839	163.6358	95.40491	34676.57	371613.2	5534.91	5029.59	35264.41	47564.51	23580.44	1273.05	17078.69	570.8436	9541.284	5732.178	4604.537	17504.56	30082.79	3055.899	32869.85	7272.828	31231.03
CUST_9358	PI429010886	N24461	0.029852	12	3	13898841 CUB-serine protease [Panulirus argus]	Protein metabolism	Proteolysis	2.59E-21	64.31677	29.25886	44.00542	159.9214	104.6153	295.5186	206.2668	134.02	62.00083	89.34878	264.4703	38.18132	77.11758	76.15742	60.5947	67.34873	346.7104	254.2335	114.3208	85.17215	119.245	76.18529	123.0174	161.7305	199.6541	84.11167	37.94932
CUST_21616	PI429010886	N45535	0.029852	12	3					98.39109	62.03099	20.02214	182.709	79.84889	122.9865	169.8899	83.40091	111.3143	72.11758	114.5149	60.8738	81.61454	41.60369	64.39273	164.3174	125.8218	156.2584	122.404	54.61808	57.03895	133.9111	26.41485	74.51983	66.89269	121.4562	50.59331
CUST_17734	PI429010886	N38497	0.029865	21	3					6.584593	8.959775	3.707704	13.17056	10.7039	NA		11.8016	5.820473	8.149809	13.50761	7.074973	5.010162	5.307944	8.723307	5.811802	5.515193	4.842579	6.779112	9.532078	10.86536	8.927589	8.086549	7.024562	10.50787	12.40589	NA	9.751886
CUST_9770	PI429010886	N25181	0.029871	21	3	242012890 pre-mRNA-splicing factor ATP-dependent RNA helic	Nucleic acid metabolism	RNA metabolic process	1.89E-58	542.234	1539.294	666.6962	1783.909	847.9888	1107.396	638.1084	582.4599	627.8304	558.5528	293.8285	452.1705	409.0918	685.9612	492.3863	716.0786	233.828	571.296	301.6859	599.656	1045.15	533.2467	1036.891	307.3807	1033.021	1139.145	436.2219
CUST_46063	PI429010886	M71237	0.029887	21	15					128.9362	103.8532	124.4264	88.01513	106.2503	109.9853	101.5014	83.00511	84.44547	104.4443	118.4488	92.05581	88.42631	129.0306	84.61863	110.8154	151.0154	132.5328	164.2928	105.242	97.43479	138.3904	102.7268	104.1514	141.1886	94.71285	106.3603
CUST_49989	PI429010886	M88117	0.029893	21	0					82.06433	43.90905	68.5761	60.82114	61.35068	73.44541	47.99403	61.40781	60.28242	73.02744	51.95466	63.53447	37.65478	46.55207	49.44854	55.18575	64.58903	74.42211	59.48755	52.04647	57.78122	74.64567	74.22065	60.4668	56.63828	73.09177	62.1341
CUST_13994	PI429010886	N32142	0.029903	15	12	290462133 tRNA 2-thiocytidine biosynthesis protein ttcA [Lepe	Metabolic process	Other	1.81E-26	57.06419	57.46891	60.93646	33.78634	45.55959	26.94977	44.61606	40.24548	44.331	77.26285	42.82196	63.11741	45.99048	62.89604	58.70799	64.68215	42.72999	60.17363	53.00673	54.56998	49.80346	55.27747	50.38211	25.92862	56.8218	41.86303	68.43089
CUST_35387	PI429010886	M12450	0.029907	24	15	242013849 A kinase anchor protein, putative [Pediculus human	Metabolic process	Other	1.67E-33	61.60941	87.42512	67.9514	46.55991	37.30507	52.32373	36.62478	37.50197	66.03172	65.19644	65.8929	73.74514	61.04516	73.16394	66.11527	82.1182	63.79444	85.83424	60.67368	80.51303	62.51938	65.08584	56.43061	83.21112	71.22702	66.34998	59.48755
CUST_20851	PI429010886	N44187	0.02991	15	6					8.573429	NA	3.517415	58.20859	8.881606	92.01375	57.16139	58.81306	47.53397	8.33181	NA	60.66262	39.58582	NA	26.2903	19.97907	12.80802	19.17708	22.43724	NA	28.76787	27.25419	NA	46.29572	25.17921	55.92617	59.17148
CUST_33790	PI429010886	N19276	0.029911	12	9	345484011 PREDICTED: Nasonia vitripennis replication factor C	Developmental process	Multicellular organismal development	2.89E-56	72.2954	89.87648	98.55351	68.25442	72.76448	76.73952	69.18954	143.406	157.5293	127.3882	77.98525	108.8172	100.397	103.2411	113.0468	141.72	66.25603	74.5496	72.34125	70.41805	111.7221	81.0238	132.8085	111.7224	101.6081	117.6882
CUST_9156	PI429010886	N24150	0.029925	24	15					67.62921	86.64513	72.4658	73.07164	56.10477	58.33665	55.81208	65.38012	72.14746	81.9093	61.25018	70.94855	79.39521	82.07629	64.75716	87.05061	79.89836	91.91837	74.08523	65.22254	66.46046	117.8175	108.3285	65.80017	62.99752	70.05382	73.38298
CUST_5472	PI429010886	N18749	0.029929	21	9	85677254 innexin inx2 [Homarus gammarus]			2.53E-49	3.648462	8.658987	NA	10.95448	24.64992	5.123692	17.42611	50.43461	23.92874	NA	55.78991	46.27475	26.24303	46.53178	9.240522	5.88062	24.66033	NA	7.382145	75.66735	25.91379	NA	15.66989	NA	6.576173	19.82309	22.97231
CUST_12159	PI429010886	N29023	0.029933	21	15					49.72048	51.32239	41.16431	48.76564	48.89685	37.00144	38.24749	40.04237	40.87555	70.7166	47.06657	47.61035	37.60789	53.28087	58.61502	52.11124	66.95495	47.20161	59.52293	48.9358	42.76199	51.75281	42.17788	53.15159	53.00119	40.86391	33.36125
CUST_6875	PI429010886	N20719	0.029944	15	0	262401075 putative myosin regulatory light chain 2 smooth mu			5.13E-88	1669.785	1819.925	1439.161	1594.166	1612.797	2027.433	2005.797	1233.738	1685.531	947.592	1331.49	1421.77	1557.483	1325.963	1718.489	1906.946	2003.234	1931.541	1989.387	1101.197	1330.395	1640.228	1097.209	1794.046	1388.938	1315.293	1042.025
CUST_11257	PI429010886	N27521	0.029944	15	9	260828245 hypothetical protein BRAFLDRAFT_91042 [Branchio	Response to stress	DNA repair	4.18E-63	34.05805	68.71451	44.23444	30.99084	47.94376	51.43059	57.78767	45.61861	71.50258	58.67101	66.01381	79.89836	44.50009	74.10963	53.58897	42.74237	45.02093	87.35248	38.26462	47.75268	75.7296	53.73015	94.07093	88.66033	73.17053	81.71205	128.3615
CUST_12874	PI429010886	N30187	0.029947	12	9					123.056	75.64933	142.5643	65.63314	114.5891	92.50008	91.42252	120.3504	129.3708	141.1309	135.7577	145.9205	106.6375	140.0797	152.3983	96.25237	111.151	118.7227	115.9131	138.4302	121.4843	119.1161	145.749	116.9944	111.5529	135.6517	176.3364
CUST_55180	PI429010886	M109025	0.029955	12	0	91090962 PREDICTED: similar to hypoxia associated factor [Tri			2.09E-08	13.79507	8.844206	8.355196	5.910691	6.417851	10.44214	3.509222	7.768024	11.09741	6.391855	5.101628	8.756045	9.061963	9.898027	NA	5.037698	NA	15.93149	4.325683	4.554045	6.870124	4.629241	6.423011	9.696806	10.21823	15.01303	15.94563
CUST_29497	PI429010886	N59983	0.029957	15	9					30.52691	47.27714	42.95145	33.33921	43.2321	35.6576	48.50963	35.10761	82.19075	33.48083	42.39566	51.59828	58.01793	67.49489	61.32192	29.02633	27.10054	24.51944	50.68803	25.12826	84.41166	28.56717	55.84573	40.55619	48.69863	51.50855	87.68051
CUST_55958	PI429010886	M108468	0.029960	24	18	291225045 PREDICTED: zinc finger protein 45-like [Saccoglossu			5.58E-23	14.71929	42.33801	43.82278	38.35427	45.04433	46.64002	38.62767	39.82861	45.78297	59.22654	47.08024	57.46891	42.57633	65.10535	60.10929	60.15877	41.25555	38.52964	38.54234	54.84832	42.61861	64.82624	41.33003	58.32	66.04832
CUST_21446	PI429010886	N45238	0.029968	24	18	241622329 ras-responsive element binding protein, putative [Ia			7.24E-26	16.75535	21.08222	20.5469	12.96775	12.90145	11.43555	14.36868	20.25455	21.35291	28.47434	20.69556	21.17293	12.41093	38.42634	14.16669	23.74918	16.06632	22.87112	24.99293	22.1046	21.89117	21.83957	14.57533	23.31758	23.73141	16.20296	23.42758
CUST_22714	PI429010886	N47520	0.029968	24	3					197.9029	239.6937	149.5538	193.4196	139.7302	198.1863	178.4972	130.3328	211.6792	132.7049	120.9334	248.652	137.5651	178.0454	116.8209	204.0863	74.48084	105.8984	102.4425	42.17853	87.80183	197.3275	143.6702	162.719	112.2413	91.47195	90.85633
CUST_10765	PI429010886	N26752	0.03003	21	0		Developmental process	Multicellular organismal development		34.35393	49.51746	54.74747	46.93642	23.1605	35.57579	21.74369	14.66408	16.98127	23.63855	26.90876	42.18503	34.33169	40.41132	30.19101	32.66922	13.24864	30.63369	9.695604	70.08131	40.75734	46.20996	60.3963	23.43573	25.52881	37.20896	30.07667
CUST_2276	PI429010886	N47836	0.030074	12	0					486.3734	435.9739	438.6413	363.6175	412.7593	415.2193	288.2901	239.4694	259.0023	518.627	413.3489	462.0916	296.0085	369.7785	469.1551	640.6647	375.1955	463.903	404.5388	402.6363	357.6255	498.3855	403.2396	438.1052	556.543	540.0536	493.9819
CUST_15888	PI429010886	N35300	0.03008	24	21					50.91495	34.65808	22.82362	24.32948	14.38818	22.41298	23.33262	19.01762	23.17379	24.31817	19.37414	26.31122	32.83309	54.46899	35.13913	39.44223	26.37567	29.80754	31.1463	34.25879	23.67732	31.34507	27.50275	40.03501	39.90543	34.16228	27.39792
CUST_1552	PI429010886	N10041	0.030082	12	0					66.41721	60.42655	73.97012	61.28936	51.07827	64.99854	49.34012	66.86178	58.85113	65.03693	52.00681	68.83612	59.34275	94.50596	88.46488	69.33625	54.77183	56.11599	70.61376	51.88107	64.86139	71.79355	69.40293	51.7472	89.67555	81.59575	74.62941
CUST_436	PI429010886	N5162	0.030082	15	9					1271.51	1413.053	1357.763	1207.621	1155.687	1172.181	1054.214	1104.361	1139.145	1560.88	1312.967	1568.166	1191.932	1493.465	1447.664	1811.1	1251.807	1276.669	1100.556	1633.35	1080.128	1635.051	1245.533	1185.368	1968.333	1293.201	1467.586
CUST_53994	PI429010886	M104013	0.030085	15	12	321466304 adenylyl cyclase [Daphnia pulex]			8.99E-16	23.17801	16.88307	28.79209	48.44993	6.44346	21.34327	16.23047	30.15999	27.10601	43.22801	20.95699	38.43363	34.59885	92.12003	33.80016	24.64126	24.37063	33.35513	16.78585	16.25775	30.95933	42.34172	24.7547	18.33365	42.17788	32.8525	48.40257
CUST_40497	PI429010886	M101157	0.030115	12	0	465957132 UDP-Glucose, beta-1,3-N-acetylgalactosaminyltransf	Metabolic process	Carbohydrate metabolic process	1.08E-16	42.37	28.50866	15.17116	8.800821	15.79313	11.63159	13.7932	22.75684	26.10123	35.55848	21.61111	28.33698	19.14299	41.16608	16.29644	18.16713	22.04422	23.44969	21.53117	16.73013	52.12107	17.74156	30.04268	22.01142	16.73013	52.12107
CUST_10773	PI429010886	N26767	0.030121	21	15	260806841 hypothetical protein BRAFLDRAFT_69647 [Branchio			8.05E-10	14.13262	23.29568	20.86339	16.84886	15.89427	10.24818	16.43851	15.97964	15.68573	35.04798	23.38375	18.76152	14.68167	16.11829	19.34576	20.75737	24.96736	31.11066	43.12293	19.3955	13.08345	20.50575	26.92502	20.91496	12.85718	13.41264	20.23937
CUST_18982	PI429010886	N40766	0.030121	21	0					56.88497	46.33014	46.73511	37.00144	26.65472	60.82746	30.5127	40.1071	32.3787	32.95281	32.24298	28.99306	50.18617	46.26909	43.20694	37.52322	34.08686	37.18492	60.56579	28.67507	44.28544	54.85007	41.67823	49.88882	62.79742	37.85261	36.33605
CUST_41411	PI429010886	M57676	0.030155	12	3		Metabolic process	Carbohydrate metabolic process		572.8694	132.2443	93.58403	802.0583	859.9982	1436.981	551.706	461.6522	266.1283	11.53748	389.9711	7.164995	365.0271	14.76465	113.1518	52.24124	1770.146	1280.117	821.7869	17.67291	390.5304	35.60156	335.4811	653.9628	11.47168	1013.924	5.180096
CUST_4611	PI429010886	N17129	0.030155	15	9					222.5361	273.1684	248.1135	112.7975	248.652	180.634	283.8348	140.6816	201.5878	345.0421	225.9576	480.999	244.0822	306.093	322.0841	197.122	194.8105	210.7138	293.9979	164.8776	250.587	278.8959	229.7558	248.8286	314.246	247.961	323.8163
CUST_3930	PI429010886	N15602	0.030156	15	9					851.0651	4064.703	3143.095	245.4886	360.037	NA	350.912	2273.444	4031.594	4025.068	2580.486	4738.823	1581.192	5819.009	4318.11	4270.599	968.7311	1560.88	2117.402	3972.597	1750.319	4724.809	3659.313	64.93326	6962.573	3842.983	8147.956
CUST_4628	PI429010886	N17163	0.030185	21	15					18.32343	18.78533	20.05897	12.71046	10.33138	11.3438	18.11108	48.6393	16.33892	11.42482	4.695828	15.19248	10.58644	13.23183	15.40573	21.54483	23.57221	15.60331	8.167031	19.10174	16.4346	29.04798	22.19563	18.30186	16.23152	11.30247	20.09831
CUST_1265	PI429010886	N9074	0.030218	18	3					1202.61	991.907	545.8082	1003.971	869.992	966.1688	1257.529	734.7434	836.7397	490.166	471.0971	438.5463	606.7586	417.1018	786.1873	851.4085	697.3779	550.7829	765.7162	474.1045	526.943	843.8131	497.8615	1080.128	506.7573	807.7825	373.5295
CUST_29377	PI429010886	N59742	0.030218	12	3					92.20534	30.06738	16.02173	127.9469	86.45155	123.3865	117.7023	78.59764	21.44879	9.953883	65.33287	8.491672	73.33698	12.42474	18.35945	24.80133	192.1486	94.40103	151.7898	15.00335	43.14736	24.76116	17.18634	63.04603	9.326745	49.50242	NA
CUST_42606	PI429010886

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_39676_PI429010886	M42735	0.030852	18	6						NA	36.63495	25.90815	39.51821	36.87579	30.43159	44.89448	60.9102	74.21285	21.31201	39.79718	58.5117	40.47688	50.03028	37.87276	NA	35.34065	NA	15.39111	55.50038	62.81643	NA	65.03148	23.78727	NA	75.80825	69.39137
CUST_39578_PI429010886	M41336	0.030879	12	0						1889.582	2718.679	2397.429	2186.819	1993.696	1277.616	1478.956	1463.812	1704.986	2321.278	1924.188	3456.298	2159.598	2779.027	2863.818	2656.499	1630.148	2076.382	1679.237	2615.876	2542.502	2768.781	2142.216	1911.091	2773.22	3031.84	3098.049
CUST_43615_PI429010886	M63511	0.030885	21	15	524871421	PREDICTED: phosphatidylinositol N-acetylglucosami	Protein metabolism	Cellular protein modification process	9.9E-34	42.95145	40.81311	57.86841	35.89984	37.88014	38.77187	34.12708	44.21249	37.86895	54.4744	34.71929	69.01474	41.87987	60.0207	40.41641	49.64123	48.56555	45.77355	43.56595	56.67806	46.84472	45.74744	41.96975	25.27468	52.05083	30.81693	39.45879
CUST_14764_PI429010886	N33433	0.030895	21	0	91091108	PREDICTED: similar to TFIIA [Tribolium castaneum] :	Nucleic acid metabolism	RNA metabolic process	5.4E-11	11.55275	NA		11.02206	9.03782	7.665956	4.05387	7.543719	3.839586	NA	7.886773	4.292685	24.60142	4.010865	8.960873	9.357193	7.956167	7.710119	10.68692	NA	4.637609	NA	14.06926	NA	29.62857	9.910844	4.317971	20.25021
CUST_48873_PI429010886	M82629	0.030896	24	21						20.81041	12.06791	10.10137	5.191851	7.779891	15.90721	NA	8.668476	11.08478	8.333	6.259329	20.44316	7.611898	12.07646	14.37169	10.11891	18.20852	21.80116	24.12233	19.12737	9.308024	20.48821	31.33095	15.09945	19.52925	9.765189	12.74489
CUST_38512_PI429010886	M27567	0.030914	18	12						632.0615	714.2963	200.6692	290.0767	370.9223	235.0591	1387.428	271.4065	1458.732	994.4459	330.1179	1601.861	1611.105	886.1313	750.3627	903.546	454.8231	408.5798	1390.937	121.1966	635.437	292.4718	514.6723	325.8898	639.5245	237.3703	1068.926
CUST_56967_PI429010886	M115019	0.030915	21	9						419.5293	601.962	548.6331	631.1117	674.0173	602.4628	451.4433	1066.114	911.683	573.6965	1769.215	1797.174	1218.887	731.4443	638.1084	457.6266	860.5065	600.1331	494.6999	1179.987	478.074	542.5507	562.3412	594.5741	547.3353	537.701	874.5756
CUST_26145_PI429010886	N53748	0.030923	21	0						36.76731	38.01489	36.47986	45.62376	56.31693	43.17605	86.54045	74.54819	62.5758	68.63903	80.05215	20.51687	32.02557	22.53424	28.82637	29.12589	75.5762	64.125	45.11398	19.55939	38.06259	61.98456	6.017128	35.54587	67.42469	39.42313	44.70504
CUST_37587_PI429010886	M19645	0.030952	24	9						276.0613	265.0674	233.7917	291.6879	290.4297	182.5915	247.7794	301.291	259.3866	279.387	346.3085	364.5694	326.1708	239.9392	326.7477	214.0659	160.974	138.9538	244.775	676.5905	248.1506	233.4512	232.1489	211.85	226.2023	284.7376	241.2571
CUST_28345_PI429010886	N57768	0.030956	24	0						48.00546	60.27464	50.55699	51.40578	46.95662	40.55619	41.04278	47.66523	43.65882	60.29484	37.85605	37.25844	50.9289	30.27835	21.77078	49.37977	37.67574	35.55553	47.65494	69.73102	59.57796	39.75659	39.25313	58.96311	70.88896	41.55123	66.09037
CUST_37431_PI429010886	M18998	0.030968	12	3						11799.5	21636.27	706.4958	2484.144	8888.62	7637.386	17506.5	601.7703	18694.18	553.6437	442.4276	461.1208	6091.908	1276.133	8995.888	17268.09	881.5993	12374.53	935.7487	728.4044	472.8988	7154.842	366.6536	4808.982	4584.946	1126.811	2076.382
CUST_2565_PI429010886	N12642	0.030968	21	12						1540.227	1075.686	1593.287	1492.759	2109.682	3914.042	1626.337	1123.855	143.002	618.6744	5209.934	220.4105	2491.849	680.1392	1674.38	1186.768	1617.488	1872.445	969.1321	696.5534	899.8161	382.4385	901.5294	2309.39	822.5821	3281.126	554.9764
CUST_31857_PI429010886	M2584	0.030974	24	21						711.9048	625.7026	539.016	576.6597	515.8865	377.4127	657.1327	379.2779	465.6558	538.5366	650.8924	491.7148	440.22	423.3887	578.6895	681.7268	862.42	575.2228	623.0865	611.8341	717.957	751.2737	636.6917	834.3363	624.47	395.6626	377.2506
CUST_52843_PI429010886	M99179	0.030985	18	0						88.34755	68.15284	61.46953	61.75222	56.61759	62.03099	58.25188	68.90417	47.55222	57.12722	50.18617	43.18074	50.23482	57.90171	44.58945	78.99159	63.38531	52.73715	85.95967	59.34275	58.91707	77.69906	45.24266	50.1618	73.62026	35.03861	56.03701
CUST_29921_PI429010886	N60821	0.030989	24	15						424.2001	428.9575	573.9804	336.9449	481.9422	499.9431	369.0374	288.3979	282.166	453.4712	513.6722	375.1189	267.9382	340.1148	469.5046	563.6523	602.1279	765.4435	729.8175	569.7753	461.3593	401.1607	455.0104	305.6803	868.3571	401.0158	697.0634
CUST_53033_PI429010886	M99817	0.031012	24	0						21.91188	35.90257	27.87681	16.44746	16.20429	26.4083	48.40695	6.701803	11.56577	13.53347	26.73153	26.6702	10.35813	14.61619	NA		12.81312	11.41581	25.30759	4.078497	12.09871	29.87357	29.55233	34.40003	31.47236	35.13017	46.0983	25.8552
CUST_29096_PI429010886	N59197	0.031015	21	6						65.93142	35.82003	14.11808	61.47627	12.73395	57.86313	90.79757	134.9314	90.82199	NA		11.84337	NA		286.5169	7.967454	144.8798	22.41298	26.10463	28.64267	15.73595	6.15687	11.4448	10.8378	16.97579	114.649	25.01541	93.62063	19.49282
CUST_23364_PI429010886	N48713	0.031026	24	18	414151640	prophenoloxidase activating factor [Litopenaeus va	Protein metabolism	Proteolysis	1.55E-23	407.9548	187.5065	482.0705	103.5194	137.9515	128.1757	368.5464	302.8326	167.8576	411.751	455.6129	244.8254	260.055	342.6195	235.7566	267.8998	452.4978	224.9966	566.9632	402.0451	352.327	284.9694	404.3563	393.9841	386.5159	216.807	367.1896
CUST_20765_PI429010886	N44016	0.031034	24	18						211.6272	479.9166	224.2596	148.3671	278.0994	101.1723	14.8118	5.717554	118.5367	479.3073	309.9578	661.1589	189.0849	338.2555	393.782	586.2213	15.51946	301.467	280.165	559.6795	457.038	658.0264	269.5259	195.2522	300.3777	259.3866	208.936
CUST_56571_PI429010886	M114137	0.031035	18	15						34.0469	31.11356	9.289553	27.57506	26.73933	33.09246	28.01868	12.49275	26.71614	21.51397	28.38786	28.34529	28.78598	25.09128	19.4153	30.9722	48.72653	29.18222	38.86122	33.16699	27.14824	24.2954	27.60111	15.89244	26.82962	20.56111	22.13275
CUST_56664_PI429010886	M114372	0.031035	18	6						51.90738	26.37038	33.86551	19.59595	68.39623	23.63583	29.14178	24.87004	36.34025	142.9167	59.84805	53.99181	81.72278	27.88257	15.91075	46.66161	55.63288	58.72685	44.71939	47.76946	70.32547	24.0728	23.23227	20.23129	13.85408	31.07173	47.56602
CUST_34411_PI429010886	M14451	0.031035	18	9	386376737	hematopoietic prostaglandin D synthase [Penaeus r	Metabolic process	Cellular amino acid metabolic process	1.12E-46	592.0389	702.7008	1307.703	390.8735	465.1151	320.9097	741.5924	1512.912	389.9395	1060.287	1117.033	1672.079	1032.594	1011.687	1040.197	1428.874	972.4433	842.2157	981.4865	1369.107	425.7005	1117.233	1025.99	295.3859	752.803	1512.521	1440.453
CUST_14281_PI429010886	N32627	0.031035	18	9						219.9975	272.019	239.3938	245.5656	241.0846	226.4213	262.8518	273.6399	252.5773	350.5877	251.6265	358.2812	248.2496	282.4175	307.2905	354.1413	229.5365	249.0021	230.0814	261.6019	205.7973	335.9236	284.6531	251.1828	249.9907	248.3781	272.019
CUST_55952_PI429010886	M112280	0.031039	15	12						136.5699	127.0638	164.6734	134.162	127.601	146.3743	104.6652	130.4101	135.3099	143.3153	136.25	167.0312	135.9242	169.0651	144.2346	171.1636	246.1531	157.1911	122.4782	135.4807	124.9854	137.196	142.6905	120.2795	157.9551	138.133	149.1265
CUST_49223_PI429010886	M84761	0.031047	24	3						6.609639	9.801459	12.92626	40.65724	18.20414	25.15936	16.12591	13.76394	11.46096	13.19581	9.308024	9.140795	8.189309	7.186236	22.49197	5.341143	12.66387	13.82239	16.29756	6.088354	8.643568	9.47114	10.66241	17.48039	10.21387	14.64501	10.34523
CUST_1023_PI429010886	N8249	0.03106	21	15	123445462	hypothetical protein [Trichomonas vaginalis G3] >gi			9.28E-08	454.0927	9.458785	670.6469	42.16582	137.8443	137.6044	545.1015	363.2398	310.9824	830.2031	321.0768	NA	385.1644	446.0696	169.5826	40.8947	928.0578	386.6669	1019.767	NA	217.6655	12.26536	129.1352	113.2085	7.013611	87.899	32.04673
CUST_11573_PI429010886	N28053	0.031084	15	12						42.18909	45.31985	104.2505	7.15372	9.0794	12.41778	32.43294	68.16653	82.49299	53.59509	42.00978	86.27625	126.4216	151.6013	60.52796	6.448841	24.29286	25.42066	48.41716	49.31188	52.62093	29.94174	92.53187	NA	61.75898	87.29557	139.359
CUST_13262_PI429010886	N30869	0.031084	15	3						29.23931	52.36466	37.77068	147.1318	55.44777	37.67574	22.68396	52.8414	17.31011	114.0128	17.28408	46.17281	4.429435	36.47059	25.1358	46.36142	23.27419	15.71416	57.68381	107.666	31.78356	29.11768	30.17589	28.44909	28.70795	NA	9.558027
CUST_25687_PI429010886	N52880	0.031111	24	15						45.76846	50.56808	32.99848	29.86056	37.77068	31.19824	34.52311	27.47445	32.7645	39.68514	33.68076	47.69448	40.73202	41.4213	57.57631	53.29328	44.65808	55.50038	44.03947	50.40874	45.0701	51.32807	38.42916	43.8795	53.47899	47.40881	63.05647
CUST_44432_PI429010886	M65974	0.031111	21	6						42.95918	84.06167	56.81475	61.67080	60.30436	51.53885	40.37133	38.55767	48.95474	68.24289	44.75473	30.17169	50.38632	67.25956	51.58072	91.51834	44.84989	116.2937	62.86517	61.53525	62.23766	65.9853	107.0479	57.05842	111.6728	39.37435	49.84719
CUST_14253_PI429010886	M32577	0.031115	21	3						78.72636	47.82182	84.84663	101.7048	77.6254	71.84934	58.31834	52.0853	81.0784	78.60648	32.33975	80.54851	36.87107	55.02956	30.0795	50.95506	32.05062	56.60803	40.2115	31.34117	136.2095	45.09974	145.2889	55.20849	84.85912	65.36011	76.50308
CUST_29937_PI429010886	N60846	0.031124	18	3						12.31301	28.44009	NA	80.63947	53.76242	68.50419	16.11274	NA	34.1956	3.222009	4.111374	NA	8.552148	76.353	59.35924	76.07191	NA	66.62115	9.253041	45.06422	9.064427	125.6499	NA	101.867	48.80606	NA	11.55822
CUST_26818_PI429010886	N54935	0.031135	12	0						86.68692	72.7025	80.72119	68.5998	62.26361	61.96906	70.36056	51.0383	62.20164	43.5699	67.86664	54.85716	69.40293	109.2001	92.15955	76.69076	65.88576	70.20247	53.53068	59.90035	61.43267	67.11047	70.65347	81.44839	102.5272	44.91724	61.63016
CUST_5495_PI429010886	N18776	0.031154	24	21	241687507	DNA replication factor/protein phosphatase inhibit	Cellular component organization	Chromosome organization	5.14E-87	328.9267	454.3834	298.484	272.4885	312.7398	259.6731	216.4474	206.5428	255.6195	364.6302	275.6931	321.2502	271.5735	328.0426	309.1695	499.9431	231.3759	316.122	300.3777	382.7566	345.5828	404.7043	351.303	268.7143	438.9413	275.5962	371.6995
CUST_11249_PI429010886	N27511	0.031154	24	15						254.095	331.1092	325.619	227.9427	250.0134	258.545	251.2548	219.7388	314.6224	301.3697	296.9284	447.6451	245.2785	504.1608	388.8828	444.3125	289.7475	442.5257	382.0118	338.7294	332.6812	376.27	377.56	292.0563	414.2198	305.9118	414.2851
CUST_1205_PI429010886	N8825	0.031154	24	18	321475487	hypothetical protein DAPPUDRAFT_230482 [Daphni			4.11E-18	32.99565	23.89355	20.69091	16.71152	19.2347	18.87721	14.44097	23.40583	19.38333	19.94541	20.79841	18.71748	19.4153	19.61727	21.57749	29.52168	16.22526	37.93755	30.5069	24.35938	26.44892	27.66265	18.85349	24.91723	27.35532	27.16077	23.77956
CUST_36006_PI429010886	N14267	0.031157	24	0						25.25393	19.69614	35.12261	22.09437	17.20887	16.58665	14.99759	18.90357	16.75391	17.24279	17.80566	9.036719	13.79131	22.98483	18.81158	25.75422	18.77363	12.12113	22.95471	17.54469	29.23595	23.78457	25.12351	15.00987	22.13675	26.38163	18.71355
CUST_39904_PI429010886	M46616	0.031186	15	12						1544.651	3225.426	3013.914	929.0194	1167.756	835.782	2003.234	2838.594	5152.319	4388.254	2022.724	4154.657	5596.154	6197.441	2539.516	5609.183	3110.134	3175.174	2478.692	3402.667	2054.295	5534.91	4444.002	1850.903	9647.722	2541.147	13044.56
CUST_36049_PI429010886	M14449	0.031188	21	0	524916152	PREDICTED: serine/threonine-protein phosphatase			2.2E-18	23.31493	23.98815	24.31347	24.48268	24.72926	18.80919	22.11953	20.46944	16.18253	21.13775	25.77541	18.08937	23.194	27.45261	19.49159	19.83251	17.14547	11.56735	27.19369	25.91941	19.88848	29.14178	29.70687	26.41485	30.95206	21.1196	23.30384
CUST_25267_PI429010886	N52453	0.031188	21	3						30.61198	61.1802	40.65477	130.9454	36.59373	60.55924	24.31817	20.60841	27.58634	39.04491	11.99669	40.09244	20.72467	32.08763	12.25586	34.64172	12.42200	12.64224	20.62646	16.18605	15.79257	15.60744	20.14785	15.92709	15.87622	15.60744	20.14785
CUST_35454_PI429010886	M12614	0.03121	12	0	524871938	PREDICTED: snurportin-1-like [Aplysia californica]	Nucleic acid metabolism	RNA metabolic process	2.05E-50	32.29255	51.41614	34.74686	30.50923	27.9866	37.93755	21.56454	18.57026	27.15098	39.72298	23.72419	25.37501	24.30245	30.26846	28.23631	37.70458	15.9338	33.01166	25.66555	25.38172	23.09604	34.0026	30.80907	27.85193	45.95892	31.72455	30.94543
CUST_50147_PI429010886	M88813	0.031226	12	6						91.02196	80.29877	103.4079	94.5785	128.037	113.0294	113.5646	135.6641	105.1159	76.46353	130.6774	166.2053	64.0493	112.169	110.5098	75.63407	92.43125	94.97923	94.127	146.5997	117.0372	150.434	109.9175	118.6904	115.2533	86.35271	80.68026	55.57729
CUST_51937_PI429010886	M95741	0.031226	12	0						65.04228	70.31729	60.87936	30.15999	53.68104	40.1276	46.37163	40.97284	48.67472	65.77588	43.52847	48.26954	60.71887	54.93851	48.87456	32.7846	55.02436	47.51659	39.35128	41.10579	44.90024	73.27672	45.87335	33.81235	66.30772	42.58108	62.79742
CUST_52836_PI429010886	M99161	0.031226	12	6	321462309	hypothetical protein DAPPUDRAFT_307947 [Daphni			2.17E-35	65.07248	86.27625	85.63673	116.0217	110.6854	86.86206	112.5793	85.94103	87.80183	106.6656	96.17817	90.11953	90.24634	79.96242	94.63457	121.4004	99.08673	103.654	122.5181	123.8085	84.30944	134.4388	97.23707	102.4301	84.96006	88.37144	77.79872
CUST_7153_PI429010886	N21115	0.031226	12	3						158.6127	144.5043	94.40103	239.7925	204.2199	294.0478	190.0374	146.0878	110.3002	129.2905	150.4806	105.1609	144.5986	114.926	123.056	143.4947	236.449	190.2377	196.4719	114.8783	142.1088	138.7812	98.6386	184.3061	115.9278	180.0766	116.5533
CUST_50971_PI429010886	M91610	0.031253	15	0						21.38369	27.88984	13.46781	19.36095	8.480876	4.766739	16.48255	6.576173	11.12639	14.06725	13.07663	8.957551	15.00335	NA	9.135099	22.76207	29.93503	14.41094	4.996795	15.01453	20.06809	11.09239	3.684245	10.04101	14.00188	14.09542	27.10661
CUST_3345_PI429010886	N14317	0.031253	9	32	321473526	hypothetical protein DAPPUDRAFT_223002 [Daphni	Metabolic process	Carbohydrate metabolic process	2.46E-20	125.3376	421.2064	540.5402	33.06129	186.1374	57.9941	68.86603	48.23121	400.3298	197.9029	480.7772	563.6523	NA	451.3065	189.144	420.8347	79.17523	434.7605	285.1566	135.1036	354.8939	482.5207	308.2627	12.68424	859.7051	310.1413	1285.231
CUST_36384_PI429010886	M15768	0.031266	18	6	345492871	PREDICTED: NFX1-type zinc finger-containing protei			1.49E-72	10.74554	NA	10.14304	11.50536	11.08171	8.527754	9.488473	11.14983	6.895161	15.48316	9.645798	20.17126	10.12547	11.59715	3.726808	16.53651	8.899472	8.257726	16.39244	19.76938	17.01911	16.00379	12.60615	NA	12.59903	13.86466	16.8263
CUST_45166_PI429010886	M68313	0.031301	21	15						95.89707	76.77824	98.4006	70.99743	75.3934	78.63344	56.46018	78.32339	65.38012	72.00003	60.01583	40.25214	78.44378	70.24827	61.05172	61.95208	118.4155	54.97127	68.81724	47.93585	47.75446	61.97581	55.94541	55.82371	54.26478	55.82371	55.94541
CUST_43079_PI429010886	M62019	0.031308	12	9						116.8326	52.37245	32.16411	26.17436	206.0341	5.977954	77.42171	72.8194	51.69046	396.1095	56.46834	150.3479	67.05664	36.10137	29.14178	61.7839	34.1704	17.06407	85.35234	31.99517	43.62391	83.42195	112.8928	118.2001	8.608528	53.04479	155.4878
CUST_43382_PI429010886	M62890	0.031308	12	0						319.3199	297.5373	573.0502	46.00056	146.5131	109.4916	318.2985	165.4521	71.46757	578.5402	82.39034	446.4087	222.1142	376.1162	241.3085	67.03346	143.0236	50.87205	494.0702	306.2716	372.2181	449.2825	226.7383	147.3848	297.3146	202.9175	413.4726
CUST_49435_PI429010886	M85635	0.031308	12	3						69.43885	79.88802	84.19357	89.09879	86.70732	117.6882	77.63254	73.86349	88.47454	85.30129	73.21264	78.07189	63.35686	82.46901	72.52738	96.56866	108.7487	99.39132	135.5775	77.0714	74.64567	86.32314	71.33278	68.83612	106.4697	75.87721	81.94846
CUST_14380_PI429010886	N32785	0.031308	12	6						337.3367	604.4329	520.4614	441.7468	391.6722	309.6337	354.6545	510.0071	410.06	580.436	544.2536	525.8609	403.0406	407.7342	388.1952	383.652	476.5945	323.4046	441.0416	574.3589	461.2479	429.1228	637.6126	443.7417	554.0852	390.2834	443.7417
CUST_20216_PI429010886	N43035	0.031308	12	9						24.32155	199.3094	305.6076	21.66748	3.926744	27.83166	149.8536	342.0536	421.2064	484.7143	114.8562	228.5019	131.9084	239.0183	145.4402	47.11037	145.794	17.46274	59.00313	495.0933	71.09226	353.785	438.1052	10.59051	106.8983	216.0426	113.1785
CUST_843_PI429010886	N7514	0.031308	12	0						2127.118	456.2722	82.04247	3699.019	1045.788	6894.743	1418.381	3960.835	881.5993	66.29488	196.0648	31.96946	2421.023	40.38893	692.7803	82.18107	3988.418	4797.809	2653.866	59.38984	216.0765	69.83541	37.77885	3440.367	56.56684	6516.822	50.79816
CUST_19124_PI429010886	N41014	0.031308	24	21						33.0759	36.95565	33.71856	33.14087	41.01337	32.03583	53.37885	29.10242	35.82359	16.70546	41.99643	32.79731	28.77687	37.24189	7.831079	12.75753	27.72317	42.08627	26.01379	31.86259	54.93259	48.21189	52.72315	77.35795	38.93621	57.56078	38.29585
CUST_3305_PI429010886	N14225	0.031315	18	12						44.23444	45.73763	39.80101	46.48282	47.18136	33.35513	62.70075	51.14708	58.8975	57.48318	61.5801	45.39483	62.406	60.72482	51.2779	55.30825	62.79742	56.55039	48.85705	43.49759	60.71325	55.45871	54.41833	53.04998	55.90028	55.66127	64.22812
CUST_8439_PI429010886	N8262	0.031315	24	21	91078418	PREDICTED: similar to cytochrome c oxidase assem	Protein metabolism	Macromolecular complex assembly	1.44E-80	165.8485	204.9184	140.4504	129.8621	163.3073	177.6145	141.2095	159.6044	157.3097	207.6455	158.7737	190.7271	163.7665	153.134	150.6483	205.3646	145.2422	200.1	184.1488	184.1488	184.1488	184.1488	184.1488	184.1488	184.1488	184.1488	184.1488
CUST_6078_PI429010886	N19599	0.031339	24	21						49.97285	52.33357	70.24827	46.01155	43.52847	57.73367	37.11592	44.18564	70.169	42.30429	40.45279	55.45871	47.26147	52.48792	53.51251	52.09002	48.79699	45.42072	101.4215	42.45161	66.00564	65.3527	74.54008	66.50022	54.49444	71.09226	84.06167
CUST_18016_PI429010886	N39002	0.031339	24	15						78.20249	56.57261	65.20986	41.7785	55.62798	62.42019	63.38531	59.30743	93.67647	81.42045	68.33006	63.90408	59.9279	80.0595	87.76889	65.54211	105.9574	79.45781	78.51483	78.67424	75.84454	70.58339	56.80303	71.03479	96.94706	65.18101	102.5637
CUST_53248_PI429010886	M100985	0.031355	24	0						15.96275	14.57957	12.67037	7.683919	10.30348	11.57662	18.15993	5.086622	NA	NA	5.758268	19.68268	10.01115	10.72726	5.349898	7.071532	NA	3.727089	17.9819	8.180112	8.446645	NA	NA	16.5578	22.14748	NA	27.38056
CUST_32412_PI429010886	M4050	0.031366	15	3			Metabolic process	Carbohydrate metabolic process		154.8716	107.0545	48.66243	458.0989	512.0216	715.8969	613.4417	185.7639	84.83474	6.21115	413.9155	NA	95.14966	10.5119	57.65114	36.44639	895.455	597.1763	422.7364	NA	333.6383	58.64138	265.3779	360.1121	5.611283	349.6083	NA
CUST_11861_PI429010886	N28529	0.031372	15	9						58.19889	67.17456	78.12789	64.08758	60.12977	73.76113	49.28537	56.7576	68.6762	81.52938	69.81278	107.0816	51.37508	79.91242	66.46046	58.892	50.12098	66.84482	52.93772	64.75173	60.47979	83.06141	69.29923	60.58837	95.39206	72.90791	84.10524
CUST_15177_PI429010886	N34138	0.031372	21	3						76.29064	154.8286	83.88709	120.2042	109.5408	138.1649	72.18474	91.68314	85.57408	123.1997	104.0557	109.9704	79.043	103.3151	85.81376	73.07849	68.33006	83.25716	85.18737	104.5462	94.48599	131.9258	94.99099	86.05551	154.7047	90.06088	112.6218
CUST_53810_PI429010886	M103291	0.031379	24	21						14.17659	8.262678	23.88883	10.65864	4.032896	25.39336	11.75847	15.04347	17.59108	16.19477	18.16713	19.31538	22.30707	18.41912	21.00749	16.69534	22.52813	17.04861	19.68628	15.15645	28.19636	22.9227	24.99534	34.74686	20.38138	25.93469	17.16134
CUST_12471_PI429010886	N29517	0.031379	24	21	219815923	IMD [Litopenaeus vannamei]	Signal transduction	Other	6.61E-17	147.9921	202.005	164.0384	193.9282	140.3134	179.9875	98.10524	98.51344	149.0785	173.7422	130.1534	179.9874	175.6552	212.9538	243.8028	86.84519	214.0659	158.5656	195.6184	169.1545	237.0939	188.9774	175.6552	212.9538	243.8028	181.7508	208.4543	181.5403	196.0648
CUST_26521_PI429010886	N54392	0.031379	24	21						137.2146	257.2108	164.3174	148.4035	168.8426	164.6529	147.0211	123.7589	152.4677	293.1844

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_4606_PI429010886	N17117	0.031851	18	9						642.1649	801.3257	1434.403	112.0774	82.90011	19.88004	403.8464	2081.941	3296.897	1547.246	833.259	2178.033	1670.981	1782.524	1276.133	397.2225	1049.194	186.2582	613.8279	2786.84	619.2505	600.7483	1946.546	95.25723	1498.845	863.1365	1464.638
CUST_17106_PI429010886	N37370	0.031851	18	3						747.636	796.983	674.6226	851.7359	798.3051	1038.971	763.8572	606.0546	573.5264	628.02	747.806	596.3171	502.9268	726.6345	691.1905	744.2631	984.9879	975.7147	719.37	748.4841	621.3573	845.2412	746.9884	771.3694	637.7954	770.7121	626.6888
CUST_51232_PI429010886	M92717	0.031852	18	0						844.11	1011.687	815.8741	1009.3	726.086	420.5887	495.5775	552.5713	498.9877	535.6554	493.7491	815.5774	284.9062	1073.527	457.3191	618.1584	1053.585	535.7875	672.3398	719.6282	505.8775	411.1682	497.8615	358.4672	582.2842	437.4848
CUST_32113_PI429010886	M3254	0.03186	15	3	387165442	C-type lectin 1 [Marsupenaeus japonicus]			1.04E-16	68.79393	32.82252	67.37108	84.1647	46.9109	141.2568	69.28034	34.03186	56.18196	23.8404	40.69465	31.71799	27.85193	28.93678	24.09426	95.99909	38.07688	102.7959	102.4647	35.78629	29.66445	39.00381	33.05172	46.73511	37.50442	60.08957	28.53623
CUST_27311_PI429010886	N55826	0.03186	15	12						9.313914	13.25045	19.25031	14.01751	14.89947	18.12837	12.88874	13.58792	14.91902	18.35292	17.15538	18.93949	24.36596	20.46944	30.66153	34.35136	20.98763	8.219245	10.18097	18.53665	15.93774	16.0587	17.54073	10.24932	24.35068	25.01145	28.55239
CUST_55969_PI429010886	M112375	0.031869	18	02						718.4589	855.518	933.1038	720.9482	733.7989	756.7863	630.9156	783.1618	845.9343	836.4238	808.2235	1179.34	845.457	1130.431	937.6859	961.1254	871.9238	869.29	798.5706	962.6096	792.4242	986.0892	683.1376	686.896	1144.142	780.6851	1078.601
CUST_16608_PI429010886	N36560	0.031876	15	3						114.9742	65.14347	116.516	140.4217	117.7023	299.9648	145.4633	94.85349	80.44402	73.18236	135.0089	56.70249	63.09759	81.44042	54.15061	68.46628	239.3095	191.2388	152.7363	62.583	155.0084	89.66356	165.2222	187.1216	86.06426	132.0735	60.89775
CUST_34807_PI429010886	M10745	0.031883	21	3						326.1708	245.408	213.4066	174.3884	272.9711	326.6284	253.025	252.1679	218.636	317.0842	217.2265	263.6263	127.8287	197.4111	235.5325	263.5218	218.6882	295.0205	244.9337	187.5374	253.2546	359.3716	228.9547	299.389	325.4382	407.8386	458.0989
CUST_25817_PI429010886	N53108	0.031901	24	21						9.180913	5.424341	13.13514	NA	9.745966	5.908014	5.392196	6.39392	7.3856	3.709813	8.964575	8.984223	6.407772	11.11919	10.27034	11.65798	13.01679	NA	9.343228	11.21427	5.071599	9.371383	13.67691	14.19523	9.744311	7.901749	5.345394
CUST_1842_PI429010886	N10862	0.03192	12	0						214.7985	634.9072	739.6144	22.14395	77.49116	49.83701	114.5611	176.2631	662.2599	600.7483	327.598	798.8942	634.7435	650.7381	583.9827	544.9594	199.9465	235.5325	397.8439	1429.583	396.6524	934.5759	617.3843	43.9229	790.1209	793.0472	1507.459
CUST_3586_PI429010886	N14826	0.031931	18	3	157123293	hypothetical protein AaeL_AAEL009478 [Aedes aeg			5.04E-07	599.927	477.7327	194.6782	6920.477	8352.868	7579.447	2796.121	4873.025	286.5169	46.93642	4557.188	35.69567	1210.418	50.90018	309.517	53.22735	1600.359	220.485	2786.84	36.82802	3644.859	51.52932	2256.115	4098.525	48.69326	1294.143	59.94958
CUST_3656_PI429010886	N14974	0.031997	18	6	532759720	antimicrobial peptide type 1 precursor lc [Pandalop			1.16E-18	87.2868	117.2428	50.74837	56.56684	241.1275	39.65367	1669.785	55.71375	2249.222	202.4642	70.86123	607.5979	897.4259	663.4104	595.7445	346.2493	741.2403	87.01627	121.2986	31.91824	142.963	293.4659	65.36011	754.1104	1169.504	399.5497	1467.042
CUST_18429_PI429010886	N39783	0.031997	18	7						24.55823	160.3449	15.99082	75.58983	74.51037	32.45148	946.4318	114.9975	1024.31	157.2555	28.58102	309.7678	301.849	348.8261	299.9058	198.8522	365.3412	16.08973	154.9129	14.34646	190.2685	312.7841	27.60836	354.5586	918.9933	75.45906	449.3849
CUST_46406_PI429010886	M72565	0.032008	24	0	321470123	hypothetical protein DAPPUDRAFT_303592 [Daphni			7.91E-37	15.29079	15.37649	18.35726	12.07791	12.46866	7.840107	14.31366	6.897073	24.79562	17.30092	10.52396	11.74252	6.712633	11.05263	11.28199	21.25262	7.434035	13.90384	12.26356	28.81723	12.97975	14.71101	20.51967	15.05054	16.67738	16.55564	17.62531
CUST_19710_PI429010886	N42050	0.032009	24	21						297.4787	1094.409	721.1961	404.8823	558.5528	265.6039	275.6487	341.9848	546.956	956.4623	754.3579	971.7833	1233.738	2089.376	1839.737	1616.675	511.3259	1080.655	377.1617	1402.469	530.8519	2766.721	2195.833	999.4148	2292.412	785.0368	3627.549
CUST_15158_PI429010886	N34099	0.032014	18	9						68.63903	188.8906	368.9642	252.0389	39.3558	22.77856	251.8524	303.854	287.6352	507.983	661.523	1000.816	25.40127	441.7468	220.5435	326.7925	124.0489	169.8718	49.28537	375.5434	195.4236	264.7951	269.0306	40.44483	56.60227	135.7237	280.165
CUST_49021_PI429010886	M83649	0.032028	21	15						107.6252	38.14082	40.03501	32.23977	58.28332	24.75376	82.50766	58.88281	81.73063	74.75705	106.3073	65.01299	46.35165	109.167	5.365255	104.8092	95.78605	173.944	47.20692	96.80182	33.35513	70.41805	55.33057	44.82294	73.83558	35.9416	25.82739
CUST_54641_PI429010886	M106998	0.032039	12	3						48.44291	30.04719	7.070433	57.80685	49.24687	78.78492	26.38163	28.99306	18.49721	11.10065	21.74923	NA	37.68617	NA	27.03336	27.93228	68.2359	77.25415	52.92115	7.496731	12.89985	27.77246	6.55575	50.67294	19.11241	52.80847	5.51219
CUST_38504_PI429010886	M27503	0.03204	21	3						411.957	494.8206	602.4628	553.514	694.7611	539.016	524.852	615.7661	647.6977	629.6206	538.5366	550.4344	347.4375	462.0916	452.1705	678.5082	571.094	659.0457	482.287	432.1375	420.8347	925.4363	490.166	479.9166	824.9455	580.4436	881.8414
CUST_27894_PI429010886	N56896	0.032045	21	18						26.23144	21.2243	27.35532	24.23621	27.01961	21.74369	25.43424	16.43668	26.5649	32.34301	19.42864	18.49894	14.97	9.82119	9.108247	25.66555	30.68045	20.47876	31.71523	23.33049	35.97533	29.41046	19.66479	37.44113	49.02873	17.42054	23.99602
CUST_14321_PI429010886	M62997	0.032049	12	3	241598567	plexin A, putative [Ixodes scapularis] >gi|21550047	Developmental process	Multicellular organismal development	1.06E-27	137.9678	144.3925	151.8603	132.1519	252.8575	120.2323	157.3097	152.7823	83.63981	92.41138	143.9014	121.6679	53.28731	78.59764	90.77809	373.4486	146.5997	276.1029	148.6709	178.3785	161.861	213.5227	82.70078	191.3918	127.5355	70.94855	100.955
CUST_40792_PI429010886	M56091	0.032058	24	0						562.0583	653.9628	652.3862	571.9057	558.0588	584.1415	482.1854	534.0061	573.864	534.8364	550.0892	568.6876	482.0705	751.4303	471.7451	703.3407	576.5142	614.5524	560.4476	601.3413	580.6994	597.2582	644.4395	601.962	757.419	565.6978	754.5887
CUST_55412_PI429010886	M109991	0.032071	15	3						435.6005	132.6083	131.1802	821.4933	824.3794	1673.62	700.208	352.7559	238.0396	8.440373	547.8035	NA	292.8985	6.7534	158.2669	57.90171	2232.866	1247.588	847.8005	NA	427.3564	18.33154	334.1058	845.6802	9.60066	641.17	NA
CUST_43588_PI429010886	M63424	0.032084	24	21						46.47367	42.14262	50.82916	38.98692	38.53689	61.38183	37.41832	41.48865	50.4975	55.08741	42.64756	53.61735	37.45905	61.2083	60.26272	42.52046	43.71284	45.98092	48.65694	44.2637	55.38718	57.97853	61.2655	72.60868	51.72418	55.15731	69.87848
CUST_16512_PI429010886	N36361	0.032084	24	21	511919090	PREDICTED: zinc finger protein 391 isoform X1 [Mus	Nucleic acid metabolism	Regulation of gene expression	1.71E-08	12.28913	11.91905	15.15241	10.85446	15.85477	19.31538	4.793918	13.34075	7.86472	17.25337	13.50761	11.50215	11.00785	22.35102	13.90831	16.56737	13.30348	16.1679	19.95159	13.32018	11.11786	30.19994	17.86172	22.65868	15.03778	22.76882	9.867365
CUST_28587_PI429010886	N58244	0.032084	24	0						129.4353	131.1004	136.9448	101.0858	139.8784	148.3243	128.7232	81.44839	108.7243	154.6378	104.2347	180.016	127.601	169.0201	162.775	181.6229	102.9324	176.9135	187.276	118.2001	154.2483	183.3903	145.7727	326.0308	162.6071	138.4789	158.6127
CUST_7295_PI429010886	N21335	0.032091	21	15						471.7451	509.603	537.4529	293.704	482.4063	446.7333	381.8763	343.8588	297.14	495.3471	563.1994	400.3298	268.6688	356.7158	400.5132	833.259	541.8489	575.8176	541.4466	499.1257	400.5981	493.0904	371.5506	375.6905	676.1626	334.9967	651.9918
CUST_20387_PI429010886	N43349	0.032094	15	12	332029856	Tyrosine-protein phosphatase non-receptor type 23			9.98E-38	30.89566	36.55477	30.90791	26.27126	34.36554	27.79102	26.30031	27.77642	26.78191	40.66388	31.34763	24.8962	29.75085	44.16686	40.48796	39.98138	32.63646	36.29774	42.5506	38.6481	30.01967	35.19889	13.19779	25.60312	35.99615	24.03363	34.1984
CUST_13006_PI429010886	N30429	0.032117	24	0						16.78445	16.21134	17.21816	14.926	13.4766	10.76236	6.805373	10.88451	5.553832	13.01876	7.818797	20.18328	10.62249	10.08948	11.22009	12.90269	10.24932	15.17526	10.57646	12.91897	12.63519	8.830666	13.28864	19.42496	17.11368	12.47348	30.37057
CUST_13816_PI429010886	N31814	0.032117	24	0						220.7874	208.027	241.4805	179.3477	176.8527	210.3135	156.8208	174.5449	174.3026	210.3335	180.7887	170.9183	133.668	164.4185	108.064	225.4062	223.5435	192.1723	130.3082	146.9171	189.2665	168.8689	176.1138	230.6606	165.1714	197.6731
CUST_17897_PI429010886	N38793	0.032117	24	0						17.65858	21.05098	17.6966	13.66784	10.338	23.25478	9.02845	20.71589	16.79088	15.72277	16.16875	16.80068	5.617624	7.507529	4.189741	18.97898	14.42793	10.32153	6.030949	21.19291	9.56672	20.95495	16.17624	13.21125	19.09764	16.56922	15.10512
CUST_29157_PI429010886	N59306	0.032117	24	0						110.9853	114.6323	108.1041	73.91159	87.32671	96.16968	56.69148	52.46763	68.9769	120.9579	100.9909	93.84895	70.04597	81.95659	63.90408	102.639	84.05405	83.05308	72.57482	126.9474	104.8392	149.3496	88.92819	52.11928	143.2735	90.25676	138.8211
CUST_30790_PI429010886	N62705	0.032117	24	0						125.4314	137.2699	155.8611	137.1056	91.40169	112.7046	64.99854	103.3491	117.7722	128.673	97.85969	117.0501	87.96508	88.94052	128.037	124.3983	77.35795	122.404	62.69277	118.4142	92.53187	149.2244	132.8034	71.95612	139.419	124.3644	153.8729
CUST_25154_PI429010886	N51880	0.032136	24	3						18.78533	15.444	13.49282	16.17213	19.57173	NA	19.11241	8.86752	8.956327	17.66287	8.573429	9.493787	9.008803	10.62249	13.41264	8.148866	6.823408	NA	7.697859	9.216332	5.497955	20.92823	NA	NA	16.26432	9.917243	7.941557
CUST_37994_PI429010886	M22660	0.032154	12	3						1208.126	1272.526	33.24397	2325.953	1031.453	2315.282	1245.533	1095.532	930.8848	51.85122	300.2063	43.37106	1047.078	326.9766	642.1649	1366.025	1819.925	2292.412	1716.583	210.2559	125.4876	1276.669	NA	1544.651	801.0442	1243.416	NA
CUST_35999_PI429010886	M14249	0.032157	24	12						69.16983	60.77185	53.88401	59.59032	54.61808	78.07189	76.12074	55.99321	57.256	82.67004	56.36899	87.87096	65.97871	70.68641	95.57811	85.38257	61.64915	70.48615	60.83438	69.36484	64.00351	83.11485	71.37464	60.03661	51.73816	49.11669	69.06525
CUST_52216_PI429010886	M96747	0.032186	21	3						204.1442	279.5177	245.5292	445.4133	258.0874	270.4372	226.8032	187.0796	166.8454	214.6269	167.1087	214.7331	158.0023	230.3934	215.0582	207.6455	176.2631	228.9547	170.3395	188.9157	242.8033	281.7845	257.9077	141.4697	336.4536	277.125	191.1893
CUST_1081_PI429010886	N8431	0.032197	12	0						68.43089	91.4434	64.55964	63.06953	56.57261	38.32192	49.56937	55.45229	50.56281	67.10317	43.93404	74.316	61.86952	68.33006	69.44924	59.68907	45.18835	60.82746	50.64584	61.44485	59.1427	76.95909	55.76383	52.2983	79.4217	48.33618	81.9929
CUST_35851_PI429010886	M13702	0.032197	24	6						86.51241	68.91937	18.689	87.71808	29.00747	94.99099	162.2159	105.1	123.8281	19.64381	17.64932	10.87507	120.5667	10.24258	62.75575	18.69291	31.37421	20.33392	32.28425	13.72321	24.20353	50.61812	12.80617	165.0319	43.59595	58.03044	41.29432
CUST_35267_PI429010886	N58154	0.032199	24	15	38232236	Armadillidium vulgare clone Avu2Apol RNA polyme	Metabolic process	Nucleobase-containing compound metabolic process		231.5437	356.2218	263.7458	193.0913	239.6059	247.4184	180.3041	218.6882	189.8916	339.8212	206.0656	317.2703	225.1487	295.0205	296.6828	413.4726	248.4087	302.7967	294.1395	208.7767	402.9893	289.1395	208.7767	402.9893	289.1395	208.7767	402.9893	290.3758
CUST_9240_PI429010886	N24285	0.032211	15	0						29.05431	76.07191	46.75333	18.88563	51.87547	16.31911	37.96113	10.58644	17.95452	51.12395	26.19976	50.85762	13.38764	37.56088	31.19161	47.1063	30.90181	74.63865	24.18418	26.77723	19.81178	13.77941	26.39959	11.78768	9.72827	19.48537	32.56779
CUST_20363_PI429010886	N43306	0.032211	15	0						145.5389	98.07031	149.9525	98.34685	106.7511	96.92806	77.16796	67.77286	103.1898	150.242	93.49845	79.043	84.74127	126.1607	110.3777	114.6697	145.3984	171.2587	109.9853	93.90071	126.539	93.34264	91.62991	124.0862	174.0963	113.4366	139.8784
CUST_31020_PI429010886	M480	0.032216	21	18	321461570	hypothetical protein DAPPUDRAFT_254259 [Daphni			2.59E-23	13.46781	18.7895	NA	24.71119	15.69467	6.328546	3.717408	65.46343	8.764694	NA	6.299452	3.783207	29.73496	14.07729	14.93734	23.51614	8.912458	12.11785	16.75298	60.63941	37.66305	38.02365	NA	15.12292	11.42142	24.23967	9.754482
CUST_1950_PI429010886	N11150	0.032242	21	15						44.94077	38.79122	30.86904	28.99536	46.07297	44.45342	51.15902	53.37349	41.68251	30.03474	38.09087	64.33014	63.01798	60.24939	40.69465	69.72451	39.91731	55.24489	72.9477	54.20454	60.03661	40.33441	37.63465	27.75224	42.35962	39.85359	27.43011
CUST_7939_PI429010886	N22300	0.032243	18	12	195436302	GK22112 [Drosophila willistoni] >gi|300681124|sp|	Transport	Transmembrane transport	2.97E-48	86.12374	73.76113	161.7557	38.11258	27.95174	37.21299	63.3148	187.4758	123.0412	134.1419	55.5381	92.37125	110.7189	146.9814	93.09068	68.2359	100.4445	54.80919	78.07189	98.31044	55.33618	56.41396	100.5781	45.18256	96.72232	66.2145	64.03635
CUST_35710_PI429010886	M13276	0.03226	18	15						164.1721	164.3449	128.0504	125.6357	152.4677	156.5024	138.6787	128.8389	106.1516	145.5578	123.0707	202.0834	121.8291	118.675	150.286	202.5331	170.8572	191.6398	152.0093	157.4409	122.1524	223.7478	145.899	139.4961	148.6917	132.1335	93.03197
CUST_7302_PI429010886	N21342	0.032283	21	12						81.94846	88.24844	99.95963	98.98439	93.00061	63.40813	79.08585	144.7064	120.5667	121.7504	96.11914	147.5068	147.3848	114.6697	138.2104	96.46972	90.57431	98.42661	91.35555	242.9704	75.92185	129.1009	90.95085	60.80817	102.3532	95.45887	114.0787
CUST_43030_PI429010886	M61904	0.032286	12	3						332.0505	378.6086	246.7846	347.2399	297.209	361.5394	315.4574	281.447	254.2781	287.2312	285.8071	299.389	273.6399	324.4624	374.9159	437.4103	343.9276	332.0008	342.5053	263.7458	306.2716	281.2623	245.6875	307.1296	299.285	308.8946	295.8079
CUST_47187_PI429010886	M77407	0.032286	24	21						192.0735	197.5109	149.6619	120.6618	34.59277	18.37336	276.2557	441.7468	1328.909	1308.744	195.8687	824.5491	597.1763	921.275	46.3344	5.449934	482.607	421.1429	1.84E-07	1.84E-07	1.84E-07	1.84E-07	1.84E-07	1.84E-07	1.84E-07	1.84E-07	1.84E-07
CUST_47352_PI429010886	M75744	0.032286	12	0	328899629	ribosomal protein L36 [Procambarus clarkii]	Protein metabolism	Ribosome biogenesis	1.7E-14	1851.755	3288.575	2016.816	1742.655	1747.319	1809.996	1776.211	1909.003	1942.982	2704.165	1981.218	3029.514	2125.97	1973.742	2062.191	2725.555	1497.781	1676.557	1613.342	2060.137	2040.559	2500.44	1974.817	1946.546	2299.417	2138.481	1983.417
CUST_38204_PI429010886	M24132	0.032322	21	0						10.4869	15.54357	10.93036	9.945177	7.933391	NA	4.66275	6.527295	4.81825	8.207161	4.734116	9.275747	6.738368	8.972594	7.680335	5.558712	NA	NA	7.350712	14.66496	8.5134	6.747408	NA	NA	8.613049	7.585958	10.61167
CUST_6605_PI429010886	N20338	0.032336	18	3						15.35034	15.21068	11.63852	12.47694	20.24671	14.17029	14.4689	18.67218	14.89947	6.407772	8.10577	9.786144	10.04812	15.09377	11.89545	12.92033	11.91408	10.56393	15.7975	16.91321	12.73533	30.18791	10.00867	NA	22.41298	11.38637	3.770056
CUST_48055_PI429010886	M78714	0.032364	24	18						10.87507	5.891455	13.11618	9.06304	9.69944	5.844471	6.876408	7.901749	11.37788	8.353787	4.659099	15.69237	13.03254	21.68921	14.20342	11.98928	7.08513	7.91474	17.54318	12.27925	24.30007	16.89973	19.98178	9.84998	10.02441	19.45151	11.90309
CUST_8441_PI429010886	N23042	0.032364	21	0	405962076	Agmatinase, mitochondrial [Crassostrea gigas]	Metabolic process	Nitrogen compound metabolic process	6.64E-94	25.97958	38.68077	25.76223	21.81748	23.93111	18.0662	12.34688	11.21427	14.84417	24.2252	35.01361	24.6471	20.47876	24.8962	25.46966	28.44009	48.09585	19.86843	25.25647	24.51944	22.63022	32.17021	24.07489	30.6438	41.63417	19.11453	39.97721
CUST_45223_PI429010886	M68391	0.032409	24	12						202.301	143.2735	213.7802	167.982	198.0363	149.7694	209.3591	228.3136	231.7343	203.7326	200.0776	332.1138	226.0846	283.788	251.0607	225.8046	204.3871	240.9894	189.8316	213.366	206.8026	242.9037	234.3391	212.8309	209.4461	169.2006	286.9542
CUST_43426_PI429010886	M63019	0.032436	24	3						16.16294	7.294658	14.79665	16.77789	16.22239	46.41206	8.042965	16.3435	6.152294	11.56735	9.316937	12.85382	7.997831	7.250623	17.63614	16.31198	7.131715	17.66603	6.630788	7.940312	3.686535	8.610816	4.636066	8.639749	15.3003	18.0708	6.482775
CUST_227_PI429010886	N2855	0.032436	24	21						20.09671	18.48442	18.85135	23.34418	17.27797	30.18124	11.51911	15.79004	12.87351	24.6471	16.78585	28.81723	15.25038	31.25182	21.37183	19.66703	18.70704	17.69892	16.80616	28.06711	26.20852	30.24809	26.79789	23.75572	25.50611	20.92648	26.08978
CUST_9316_PI429010886	N19939	0.032436	24	21						949.6318	1038.971	837.3907	920.0256	883.6545	1027.258	724.3304	793.0472	696.9471	849.9143	953.5865	1019.044	627.0644	900.1864	829.1909	1199.593	1036.194	1156.934	1035.802	1294.143	1157.966	1145.083	1052.558	1026.165	1026.165	932.1915	1026.165
CUST_1363_PI429010886	N9408	0.03246	18	9						54.56432	58.66467	79.26193	49.14895	58.20859	49.16869	71.14036	51.24109	68.56023	72.32108	60.78457	107.9401	66.27543	89.00024	73.1185	77.72793	55.68518	70.23629	60.73689	78.0365	59.41199	78.60763	56.07774	42.33801	102.0348	66.20577	93.33448
CUST_40303_PI429010886	M52975	0.032464	15	9						21.93936	35.37802	45.77355	27.41751	19.3883	27.4871	29.53468	21.75964	46.79864	45.53479	28.58408	43.26125	24.14057	62.21051	NA	23.3977	21.53946	78.84971	19.51952	19.04546	24.92176	8.633134	44.75093	30.49715	29.41046	54.96916	53.1338
CUST_6578_PI429010886	N20295	0.032482	21	15						36.45046	37.01331	34.21609	35.71333	30.55308	48.6393	26.72979	25.41871	20.32379	39.13986	30.49715	39.57145	25.40325	24.30007	28.29864	40.20059	47.29592	41.53959	34.14111	42.35334	28.24069	39.63454	27.65747	39.04491	36.80914	31.36464	29.13595
CUST_4261_PI429010886	N16349	0.0325	24	18						146.1343	103.2145	151.7333	90.04123	98.74368	172.1318	113.0325	97.37669	90.36196	93.79554	141.0607	149.7134	79.84151	128.2848	138.5786	130.8991	171.3142	229.2068	147.7682	165.3446	178.9173	146.4472	136.2681	136.25	217.2745	134.8111	175.7782
CUST_53217_PI429010886	M100772	0.032504	24	0						13.3861	17.97978	14.66789	9.242542	14.21999	8.892334	11.43831	7.245575	6.402614	20.72901	6.542661	15.40175	7.774382	8.672182	6.822524	11.55948	9.137413	8.032568	10.88348	11.30106	6.481784	12.35209	14.44838	13.06014	15.73743	3.491736	26.16897
CUST_1380_PI429010886	N9450	0.032504	24	0	443692836	hypothetical protein CAPTEDRAFT_152167 [Capitell			6.3E-136	210.8247	216.807	214.1332	194.762	214.9913	185.9766	186.006	160.9168	176.4383	223.9394	177.6145	198.4267	163.6892	200.21	182.5915	237.9578	165.1872	210.1212	218.3592	185.5593	197.0135	281.447	199.1974	190.5009	329.5353	258.8229	219.6129
CUST_8396_PI429010886	N22980	0.032514	15	12	546684238	hypothetical protein D910_11229 [Dendroctonus p			3.54E-43	11.88893	NA	13.54122	NA	5.88693	3.818526	7.861738	5.160214	6.543554	13.77798	5.542516	9.87019	NA	14.32411	NA	6.187658	13.15317	NA	9.774844	5.81075	5.819588	8.047455	7.133972	3.801419	11.56577	10.91708	6.730364
CUST_7926_PI429010886	N22283	0.03252	18	3	195426970	GK20959 [Drosophila willistoni] >gi|194157639|gb|			4.77E-08	146.0878	153.734	30.12812	171.1038	313.2862	357.2284	83.77617	67.99795	42.45161	76.00655	56.63828	27.17605	53.22735	55.73505	49.06607	121.2116	136.8618	117.1353	98.14943	27.25206	42.39566	121.4004	33.86006	166.8689	94.55772	99.87407	22.58452
CUST_47053_PI429010886	M74663	0.03256	18	3	9186884	BCS-1 [Amphibalanus amphitrite]			1.48E-08	388.6405	17.46538	424.2638	652.581	1180.

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_31773_PI429010886	M2367	0.03307	15	12						128.4938	174.4075	128.195	124.6537	113.1785	131.2903	118.1469	100.1395	116.1174	139.0161	142.5067	132.652	109.8428	147.3848	190.2685	158.0023	104.6277	157.9028	147.1104	123.7589	136.7554	136.6377	104.9922	121.6679	144.9326	140.8407	136.5503
CUST_39341_PI429010886	M38099	0.03307	15	12						4190.35	3561.268	8827.561	1923.113	1642.855	1166.811	4827.614	1025.94	8866.604	7318.038	1833.381	3496.725	8404.925	7802.451	4941.562	6168.628	3811.495	2513.183	2826.022	4322.611	1462.44	4647.339	3295.06	999.7477	7457.426	2221.45	9686
CUST_45578_PI429010886	M69557	0.03357	15	12	383855680	PREDICTED: uncharacterized protein LOC100876720			4.35E-31	23.52324	27.79833	25.29278	23.95916	18.36981	28.97523	18.4326	28.4998	19.27396	31.23744	24.72309	39.25313	24.15101	63.83268	46.67338	38.73964	38.20449	40.02682	24.40654	28.16895	25.25069	36.93108	29.11768	36.85539	35.69567	42.82585	34.48913
CUST_51702_PI429010886	M94637	0.03075	15	9	390352602	PREDICTED: zinc finger protein 84-like [Strongylocen			1.39E-17	7.995482	5.996868	7.575226	4.388734	4.451742	NA	3.942482	10.87917	5.706029	17.3861	12.11269	6.821529	6.852264	9.76387	7.608505	15.62361	4.930335	NA	5.792463	5.444796	NA	13.21926	9.07643	NA	14.88378	7.409357	9.208223
CUST_49886_PI429010886	M87594	0.0331	24	6	332217572	PREDICTED: tryptophan 2,3-dioxygenase [Nomascus	Metabolic process	Cellular amino acid metabolic process	2.97E-11	22.21414	11.06447	18.68272	NA	7.506584	28.54572	21.50683	28.83526	25.47915	18.90163	6.004347	10.01823	15.97633	15.73595	14.71101	15.54715	12.3071	NA	6.159956	12.89444	7.164995	20.53586	8.130029	NA	18.06411	6.11133	11.01728
CUST_25217_PI429010886	N52001	0.03116	15	0						92.95468	53.99181	52.39551	93.69637	51.6678	107.5904	78.64329	51.36009	78.60763	28.86885	28.9272	26.8663	46.64388	48.56555	57.64388	48.89448	74.21285	74.03663	35.6284	19.63409	36.61393	41.04712	36.73877	90.60771	27.68618	44.78041	20.87254
CUST_45232_PI429010886	M68415	0.03131	24	9						11.53905	10.51766	13.06491	9.833527	10.71609	11.87142	14.24578	19.04932	24.2228	10.98618	22.90466	17.3497	10.94511	3.668771	17.83843	15.82858	9.949298	13.18285	14.82365	29.65277	26.50017	4.175243	5.327653	8.420369	6.782422	9.704431	13.6193
CUST_48116_PI429010886	M78933	0.03172	21	0						86.05551	79.19112	88.5487	81.52938	58.66467	54.64518	95.32771	62.5636	57.26217	46.78356	53.44251	50.41901	51.7675	64.33014	71.48709	79.80797	50.546	65.91381	60.82746	49.09733	32.13794	76.353	69.9232	88.7086	61.75222	32.16411	53.63219
CUST_37049_PI429010886	M17683	0.03196	21	18	157107416	n-acetylgalactosaminyltransferase [Aedes aegypti)	Metabolic process	Carbohydrate metabolic process	4.13E-48	107.3414	83.0149	153.6022	40.38558	71.43726	60.24939	68.12178	60.24307	52.65189	86.00719	67.08962	137.9332	81.13095	103.4451	94.41213	71.5379	73.33698	111.7362	59.59032	118.6617	109.1565	92.73234	98.2447	93.76216	56.69692	103.2771	77.3067
CUST_33124_PI429010886	M6029	0.03204	21	18						178.255	344.803	263.9741	203.324	251.2251	190.588	120.2795	136.3426	175.5504	269.9577	228.095	480.7772	204.2199	237.4261	300.2764	344.8512	144.8962	275.2295	224.3549	344.4277	329.9108	289.2842	233.8998	199.6316	236.2907	222.818	235.9573
CUST_17139_PI429010886	N37418	0.03209	15	9						51.91715	59.05765	62.60675	49.98628	31.721	43.94258	39.63454	53.40548	64.45055	69.87848	65.60373	59.46444	56.07148	75.1888	66.26094	77.57474	49.36928	59.43076	45.15073	61.911	57.42962	65.85741	79.07032	41.57514	96.15886	53.02941	71.87825
CUST_18052_PI429010886	N39039	0.03222	15	12						19.74282	99.42759	151.4536	55.01668	80.21197	145.5994	598.2934	58.58633	107.9401	NA	NA	NA	54.84373	1165.934	1242.81	562.4407	113.5681	5.044094	94.51496	307.7422	5.868354	11.98753	83.19226	224.9679	123.0876	520.7262	249.5102	277.0736
CUST_56480_PI429010886	M113905	0.03236	18	15	77743875	Euphausia superba isolate DGGE band AntEuk13-5			1.7E-111	64.19796	51.10313	39.38447	40.14953	44.014	55.5206	40.14648	37.13804	34.78474	43.5437	45.35819	44.86761	42.71137	50.61028	62.43324	74.27647	51.49206	73.87582	40.36236	59.41826	25.19237	54.1974	52.88081	38.93982	69.74095	44.34868	35.13913
CUST_18614_PI429010886	N40098	0.03324	18	3						77.24703	91.24943	79.80797	91.7472	100.2191	101.0493	119.8071	95.39909	70.23023	77.95844	81.49546	66.2145	75.13415	69.19616	64.1319	79.0521	137.1423	88.38108	87.88231	66.36423	99.99373	92.18368	97.92701	84.13816	102.0104	66.64273	74.33243
CUST_7923_PI429010886	N22279	0.03242	18	9	213515230	Dehydrogenase/reductase SDR family member 11 [	Metabolic process	Oxidation-reduction process	1.24E-68	103.6413	103.0626	73.71157	85.74608	142.2559	50.81627	53.46776	109.1443	153.8729	198.4542	236.0839	266.2859	117.2072	101.2912	89.30785	175.6284	117.6032	94.95262	103.5442	225.8273	113.1427	115.0086	71.86244	55.04289	115.9538	73.1185	105.6225
CUST_32634_PI429010886	M4642	0.03252	18	12	383849433	PREDICTED: mediator of RNA polymerase II transcri	Nucleic acid metabolism	Regulation of gene expression	8.12E-24	14.85125	11.53559	26.61953	16.15147	12.27788	NA	9.675354	38.84241	20.208	20.08697	26.45134	22.64731	20.30647	24.77587	162.6703	27.02172	16.16875	14.1623	24.11276	19.32542	17.89088	14.94106	15.69084	14.69352	21.5495	3.208088	18.24494
CUST_45678_PI429010886	M69880	0.03267	24	21						91.72554	72.97459	98.26203	64.76438	77.20798	88.09249	62.36156	63.43828	79.16747	113.6906	66.19578	73.00251	64.52054	67.62103	77.59246	82.65719	79.64311	76.06574	81.59575	95.23078	87.50342	74.48084	89.31811	82.49299	84.00641	85.63673	106.7139
CUST_44389_PI429010886	M65800	0.03269	18	6						434.7605	441.7468	631.6256	309.2864	515.0601	582.6377	582.2842	483.2456	529.7833	569.6586	487.6477	538.1956	299.7832	462.6916	157.0047	440.22	477.2259	436.7207	397.5988	428.5138	661.3119	453.0933	606.7586	605.4467	661.3119	574.3589	668.4719
CUST_15978_PI429010886	M35444	0.03278	24	0	443689970	hypothetical protein CAPTEDRAFT_194244 [Capitell			5.28E-08	42.35334	46.0364	61.3315	23.14279	26.04992	36.26694	26.1797	18.92054	23.55239	57.63741	47.47127	44.99497	15.91395	22.92066	22.35984	38.16452	39.72839	49.74933	25.24454	19.08808	30.86904	28.64039	53.18376	48.25178	51.69686	38.59666	48.28142
CUST_28454_PI429010886	N57979	0.03278	24	0	308220078	LIM class homeobox transcription factor Lmx [Mner			1.46E-11	43.32695	46.74367	37.01331	21.15229	43.04145	46.23463	25.64332	40.31691	21.0027	23.33262	28.01496	38.36859	21.71424	41.8887	20.98522	44.26787	25.98413	27.05448	22.36658	25.03856	27.77944	35.7636	25.888	40.37133	43.99672	47.91134	27.17008
CUST_24753_PI429010886	N51189	0.03278	24	18						9.87019	21.22218	NA		22.17314	50.12098	48.8169	23.4129	5.874241	22.19735	NA	4.035125	NA	5.315305	29.83449	19.9741	37.73674	8.130029	29.50356	16.43668	12.43137	8.582555	61.3758	NA	38.05146	23.68051	8.045043	NA
CUST_6767_PI429010886	N20574	0.03309	15	9						25.63785	29.91017	22.12075	13.06062	34.84989	24.01772	26.03397	24.37441	22.47267	56.58662	28.62318	34.31858	23.00078	26.83996	24.45653	21.46604	20.52787	18.81645	22.01177	32.21612	22.87663	26.96358	23.81012	22.77643	41.98993	40.13494	
CUST_42997_PI429010886	M61813	0.03331	18	12						52.32373	93.87602	84.83474	73.73041	75.79683	97.19605	101.9095	82.17099	102.1333	113.8462	90.79757	150.9847	77.34	152.1653	166.6372	65.82296	104.4333	192.1174	64.72483	62.77579	102.0461	91.02902	155.1735	139.7174	109.7371	105.2081	124.8931
CUST_39038_PI429010886	M33821	0.03339	24	0	528314838	ubiquitin [Schizosaccharomyces cryophilus OY26]	Metabolic process	Oxidation-reduction process	1.77E-22	78.2845	64.35394	91.51834	50.61028	49.63764	70.58805	49.65196	73.62986	57.54706	40.22053	48.85338	72.18474	45.45728	56.95742	50.65756	49.0094	48.78617	41.52389	60.22941	65.36594	84.46837	48.62912	75.37057	55.96041	55.43705	50.92195	101.891
CUST_13092_PI429010886	N30559	0.03323	21	3	189240910	PREDICTED: similar to glucosyl/glucuronosyl transfe	Metabolic process	Other	1.22E-37	200.6444	415.7405	249.4607	767.811	316.7444	400.3298	230.9612	203.482	268.2743	271.6624	121.9392	329.9922	149.811	289.9742	171.5147	257.6478	121.562	142.2748	103.654	236.0839	427.6746	228.3136	446.7333	240.474	383.8497	415.7405	207.3277
CUST_44074_PI429010886	M64858	0.03351	21	9						143.0236	122.5622	158.7737	75.43644	106.7999	77.0269	66.989	147.8312	113.9999	203.9899	149.9119	115.5186	96.30815	132.8611	104.5986	116.321	133.2798	108.1406	93.07732	96.28021	108.2633	95.73603	166.519	61.32192	79.80104	90.44569	70.92151
CUST_41871_PI429010886	M58750	0.03352	21	18						20.37385	43.81829	19.26616	18.36981	34.71088	20.58696	18.19015	16.12591	8.440373	33.0759	19.47107	18.85808	25.86296	12.57863	19.15374	22.97943	19.32542	19.08808	47.75744	32.86616	35.47721	22.91473	16.21551	10.19353	23.6747	10.79319	26.60787
CUST_53386_PI429010886	M101503	0.03362	15	9						57.63741	62.5636	74.60621	53.20475	53.07285	63.48536	47.98029	66.94583	68.77778	80.54851	65.25641	101.7152	64.92708	91.00006	82.49299	77.55826	53.48278	81.93796	63.52784	69.7011	77.48229	69.51764	90.59403	68.45737	74.29008	85.20601	107.354
CUST_31631_PI429010886	M2016	0.03362	15	9	262401207	ubiquitin associated protein 2-like protein [Scylla pa			7.71E-12	233.8649	278.8318	269.9974	231.8976	228.3928	221.9975	182.0796	235.8014	271.4917	338.5409	243.2786	315.9066	256.8548	316.8071	267.177	301.467	254.0567	233.124	252.5773	292.5508	282.651	300.1314	290.2221	187.251	355.116	295.08	379.8142
CUST_26804_PI429010886	M54916	0.03362	15	12						55.45871	50.88842	43.44584	42.82196	41.06137	41.06525	48.35331	54.5396	48.25178	55.61005	49.03725	57.33863	58.82472	50.87205	54.61808	71.08447	48.16109	47.19565	54.58379	63.21301	60.52511	68.69041	54.56432	26.82401	69.53162	61.45704	58.85973
CUST_55002_PI429010886	M108370	0.03381	21	6	260787569	hypothetical protein BRAFLDRAFT_89744 [Branchio	Metabolic process	Other	2.57E-16	3.624389	30.0571	17.22225	108.6177	101.7598	68.66774	62.33854	300.7234	301.1198	22.20774	189.2302	257.7314	178.3785	50.10697	126.1505	7.979138	86.63308	NA	50.87205	440.3254	205.4212	5.271736	71.57464	55.10664	NA	142.4348	119.4425
CUST_38668_PI429010886	M28969	0.03387	15	12						27.18226	19.05569	26.66367	16.83181	14.27753	14.66496	24.70162	20.16612	38.04406	29.72938	33.62817	21.61979	30.18124	19.45997	24.93429	29.79322	8.676162	37.44113	15.41864	20.49506	8.545589	18.17921	55.6145	17.19879	22.80223	38.89725	17.74945
CUST_4360_PI429010886	N16593	0.03387	15	12						23.16574	25.64589	32.04035	23.00815	22.83945	9.829719	15.65642	22.91218	17.37315	28.71019	20.01979	26.49443	12.98669	44.72593	19.93306	23.98815	24.75921	28.53148	13.87948	17.73598	18.40425	26.70421	30.54779	15.2636	28.84183	36.8424	27.08746
CUST_3414_PI429010886	N14456	0.03396	21	3	158295014	AGAP005928-PA [Anopheles gambiae str. PEST] >gi			4.12E-07	646.5567	482.6309	912.7145	1929.904	945.2395	1067.963	714.9465	723.6629	737.2359	816.1069	406.244	858.2338	457.1179	997.8681	316.3545	535.2858	363.3814	682.2742	445.2354	333.2348	1136.737	420.025	1135.995	604.5341	1117.627	1004.727	590.6242	
CUST_4454_PI429010886	N16791	0.03439	24	0						37.49557	33.11671	42.70151	35.96223	40.81576	33.43214	37.91438	24.8201	35.06879	36.17076	27.62424	28.34801	17.06824	34.82515	25.52353	37.48336	29.25886	20.23079	37.30131	27.3183	33.63387	34.03924	46.20996	34.67799	34.04318	36.83629	43.60712
CUST_13854_PI429010886	N31892	0.03468	12	0						21.28336	18.03887	18.49721	5.059565	21.03394	NA	7.34732	9.748744	13.33577	17.48685	10.5422	18.98793	11.55948	17.43453	14.94259	23.88653	11.92804	17.32475	10.13647	7.622506	14.31543	13.97389	16.26691	16.16705	32.42745	11.98592	24.38309
CUST_7844_PI429010886	N22167	0.03473	15	12	291237036	PREDICTED: Saccoglossus kowalevskii mps one bind	Cellular Process	Cell cycle	1.49E-73	505.1623	733.7989	525.5752	544.2536	533.5457	465.7878	383.017	388.1247	426.5023	531.1131	478.7395	478.9465	541.4466	599.927	674.891	908.5337	426.2225	598.0415	449.7775	612.9216	548.2244	795.1421	449.7775	405.7694	576.1328	511.4224	659.0457
CUST_16640_PI429010886	N36612	0.03473	15	12	345488448	PREDICTED: hypothetical protein LOC100114737 [N			8.79E-11	37.13071	29.69394	37.25447	29.91175	39.51821	33.29134	27.95797	34.08252	28.18417	35.28275	34.64172	63.73239	32.87464	53.82575	52.47261	35.40201	38.91955	38.33878	24.35681	40.09922	39.7396	32.37576	27.06429	30.73213	45.50557	41.36078	33.56673
CUST_3776_PI429010886	N15245	0.03516	24	6						7560.283	3.818452	30145.84	NA	NA	NA	21011.69	258330.1	21773.32	16515.38	52.25211	42.40805	14135.18	15221.8	8461.907	11.32516	105453.1	17.04303	4510.96	55.20849	61.69829	157.4606	4873.025	88.63339	4959.867	34.53803	3350.556
CUST_51894_PI429010886	M95757	0.03524	15	12						35.31845	20.97642	NA	30.81693	12.33686	33.03817	37.87644	19.78805	34.10794	13.71331	13.42609	8.790994	13.5705	6.697246	8.600646	10.12007	17.55583	10.12123	7.607242	6.6154	8.723146	6.658656	14.2223	13.5128	7.410795		
CUST_38928_PI429010886	M32160	0.03567	15	12						76927.64	44277.38	107232.5	12422.81	25360.97	9552.668	80636.04	101693.2	99042.74	101136	61640.76	49052.57	76927.64	110974.5	73076.54	33895.99	90794.74	44666.31	68571.16	43935.4	57198.62	75608.53	102912.5	33895.99	102912.5	51514.17	109583.6
CUST_31730_PI429010886	M2257	0.03574	21	18	321458840	hypothetical protein DAPPUDRAFT_228516 [Daphni			9.6E-177	107.174	107.4484	78.01256	105.0313	139.1997	90.43345	73.09177	77.70756	87.65825	105.8816	107.9692	109.2818	89.80969	128.0141	129.8259	121.2504	101.3168	122.4667	102.6636	173.9115	110.737	147.4736	79.72112	97.82533	109.2818	91.43481	102.3756	
CUST_4024_PI429010886	N15817	0.03601	15	12	339323928	putative zinc finger protein [Trichinella spiralis] >gi |			5.52E-16	1361.387	1576.033	1866.472	1548.023	1306.431	1207.044	1284.605	1321.214	1392.18	1589.601	1352.942	1890.591	1438.603	1954.96	1793.14	1849.813	1385.14	1617.488	1400.033	1752.574	1427.503	1749.353	1407.359	1332.781	1933.842	1811.851	1893.755	
CUST_11295_PI429010886	N27577	0.03361	18	12	321466080	hypothetical protein DAPPUDRAFT_305861 [Daphni			5.22E-52	11.71876	19.48537	21.5495	7.617624	18.7049	11.07586	10.55308	14.38334	17.27797	23.91343	11.66349	23.24949	18.0732	25.74383	30.79365	12.8748	19.9426	15.84353	19.68008	18.58833	12.71803	13.6354	19.23025	10.23633	28.44656	17.52814	15.79172	
CUST_49056_PI429010886	M83834	0.03614	24	18						10.65025	11.75847	24.69848	13.92846	10.75121	7.731153	14.14304	12.36888	17.68838	7.442152	11.99992	13.94276	12.58824	15.86747	16.67738	17.78423	16.45281	31.2144	25.93469	13.75107	18.49081	18.92641	12.57863	24.08827	14.59396	14.08315	20.28484
CUST_22004_PI429010886	N46243	0.03365	15	0						210.4017	119.6528	172.7406	91.88705	154.8286	168.8237	192.9815	106.8828	104.7208	95.54049	197.4111	80.85722	133.987	138.4956	125.5654	148.3475	282.3655	148.0082	273.965	101.4215	201.085	132.6009	133.1932	169.0651	100.734	108.4515	81.16843
CUST_38466_PI429010886	M27031	0.03378	21	3						197.4111	807.1828	158.3361	447.6451	956.1852	777.3766	595.305	275.1358	604.157	653.8395	455.0104	965.2192	281.2963	368.614	309.1008	902.1996	143.517	433.4824	145.3456	177.1551	221.873	787.7599	538.667	450.5804	1324.078	267.9382	914.9994	
CUST_3014_PI429010886	N13604	0.03371	15	12	241999376	ubiquitin protein ligase [Ixodes scapularis] >gi | 2154	Protein metabolism	Cellular protein modification process	6.53E-34	221.5021	134.2991	534.723	149.9525	149.1678	166.8454	325.0806	801.3257	471.3393	473.1073	229.6885	195.4871	512.5692	1076.531	349.9147	129.8621	457.1179	124.7213	184.8973	163.3744	180.4095	253.1914	790.7325	173.3024	585.2479	189.4794	660.5155	
CUST_45701_PI429010886	M69575	0.03425	15	12	321457856	hypothetical protein DAPPUDRAFT_62792 [Daphnia			1.98E-10	42.02786	37.04426	50.06979	41.22377	33.52618	21.56454	39.39544	44.20781	39.64114	55.75375	37.57841	44.04887	56.20414	47.93224	56.18196	53.03978	56.87122	44.07248	33.32429	29.05625	44.858	43.13828	46.82157	43.32429	70.46615		
CUST_56124_PI429010886	M112857	0.03745	15	9						480.665	558.2631	607.9318	579.2037	384.7174	509.1564	411.751	507.1661	484.3691	728.8915	514.8406	764.3328	517.6852	611.5405	638.7779	693.2829	499.2279	562.6249	479.9166	659.8695	521.7265	709.528	647.9128	627.6184	697.8167	687.964	681.8773	
CUST_39453_PI429010886	M39628	0.03745	15	9						405.9943	383.7251	515.1721	412.3362	372.4888	355.6114	318.5103	365.5076	410.7156	552.4266	425.1252	647.3023	390.7936	666.8781	471.6311	450.4975	406.5948	407.0568	431.7288	470.9976	406.244	481.413	484.3691	432.0274	575.3599	472.997	621.7238	
CUST_115_PI429010886	N1114	0.03745	15	9						49.09733	83.86935	84.91262	43.14736	83.02241	76.16727	99.94463	84.62693	116.7432	85.22504	82.38056	156.3501	55.14182	115.284	128.4068	45.28288	87.90722	140.3479	62.34833	49.76955	107.3346	78.82383	104.7823	110.8992	129.0466	111.2819	117.3776	
CUST_11233_PI429010886	N27485	0.03745	15	9						29.50356	43.62743	50.2407	36.94269	31.87279	24.28324	25.07401	41.86303	35.56782	48.38349	33.15625	102.0348	36.73446	44.51031	48.10487	51.38396	29.96087	25.87358	33.14786	42.58108	33.76323	43.05396	33.8457	25.75668	46.88603	57.16741	61.08538	
CUST_12449_PI429010886	N29475	0.03745	15	9						113.976	225.8611	230.5203	111.625	99.32217	25.36775	74.34861	173.0713	300.8257	412.4272	174.0152	392.2104	248.428	254.3839	198.5143	299.4458	91.90962	102.2185	195.3573	285.8605	188.8504	244.8705	327.598	63.12362	496.875	212.6792	556.0784	
CUST_14414_PI429010886	N32843	0.03745	15	0						4041.003	6468.264	6142.292	3429.061	5029.59	6941.938	1931.541	1346.591	3055.899	3240.576	5482.481	7002.188	1378.434	4647.339	4098.525	7960.065	3704.973	7282.171	4484.875	5868.528	4696.717	4988.507	2949.668	3011.822	4973.61	3739.652	4773.42	
CUST_28351_PI429010886	N57782	0.03745	15	9	357612120	hypothetical protein KGM_08998 [Danaus plexippu			3.49E-12	28.48875	38.7854	33.77253	25.97694	34.82515	40.25214	33.49626	21.18978	25.2086	43.48001	37.77068	43.34277	28.64539	40.51578	41.91362	37.86103	41.77165	38.94325	31.12763	38.08646	31.42286	38.25818	33.86312	32.08077	44.55249	42.89021	40.40681	
CUST_46154_PI429010886	M71582	0.03751	15	0						28.31399	27.60309	17.02546	15.20537	28.61737	25.10042	NA	8.318727	NA	10.19353	9.135099	3.793248	27.20765	14.05126	8.669897	27.48106	8.520664	23.43097	NA	8.540006	NA	6.006114	NA	11.14433	19.21235	8.142064	5.781367	
CUST_34161_PI429010886	M8914	0.03757	15	12						660.8734	902.7967	676.9355	1145.905	606.0546	495.4416	558.7985	551.1	652.3687	707.905	665.8633	549.5559	620.3013	774.7379	861.1597	869.6179	618.2629	668.9097	611.6264	853.9995	668.9097	1182.877	622.374	718.6829			
CUST_1822_PI429010886	N10799	0.03763	18	3	321464620	hypothetical protein DAPPUDRAFT_306723 [Daphni			1.05E-24	457.3191	660.0703	NA		2529.511	1512.011	932.818	825.1657	6.193263	599.2901	NA	8.289001	NA	236.4243	612.793	693.8801	1638.031	11.34226	1011.687	NA	517.8895	62.45524	2295.055	NA	893.1457	188.9774	13.27508	NA
CUST_36670_PI429010886	M16500	0.03763	21	3	321457271	hypothetical protein DAPPUDRAFT_301481 [Daphni			7.11E-39	108.5223	90.21463	93.55728	129.1185	94.50596	133.1101	73.45438	90.31563	80.35671	62.71939	69.56934	116.5651	66.09037	129.3867	119.1955	85.95	70.00254	122.0311	86.78972	69.86983	76.38127	128.7649	86.51241	88.40608	95.17141	125.4528	120.5667	
CUST_47015_PI429010886	M74507	0.03378	24	15	260786469	hypothetical protein BRAFLDRAFT_124711 [Branchi	Cellular component organization	Cytoskeleton organization	1.51E-39	38.121	38.10393	43.48893	31.46479	39.0714	50.26445	21.57749	32.52687	39.36993	35.77142	38.18452	57.03895	43.07866	41.53959	46.00056	55.83606	55.4319	47.0488	50.31908	44.25982	43.17605	52.49852	36.50859	34.06071	48.86193	42.56702	55.79937	
CUST_55582_PI429010886	M110835	0.03825	24	0	291220976	PREDICTED: hypothetical protein [Saccoglossus kow			6.85E-08	18.21241	23.4957	26.60537	22.07122	21.31694	13.92025	16.04069	8.053924	16.34959	20.39383	13.37205	14.73176	16.02367	8.29527	21.44476	33.68931	9.776853	11.29494	7.516724	16.85059	16.87735	29.50649	11.98928	14.73565	24.56849	31.42286	21.35775	
CUST_31708_PI429010886	M2214	0.03829	18	15			Protein metabolism	Proteolysis		130.6215	141.4128	112.4033	130.7466	207.2391	119.1803	78.30552	47.62012	64.50028	163.4134	248.2061	106.1871	69.13832	78.38473	55.90028	189.3158	217.3065	157.4409	144.4632	183.1759	125.6016	170.3963	87.41325	90.65923	199.2344	57.63741	73.15736	
CUST_36683_PI429010886	M16535	0.03876	15	12	431908898	EF-hand calcium-binding domain-containing protein			2.17E-62	169.4763	197.5737	171.5473	117.1499	139.1588	144.8456	135.9831	140.8068	140.8068	192.7273	130.4407	186.3653	180.9857	170.6145	215.9695	222.4127	148.1409	150.0225	140.6597	176.7754	132.0113	195.5222	159.741	137.2513	225.2614	142.5887	170.2053	
CUST_31051_PI429010886	M561	0.03876	15	3	83628250	arthrodial cuticle protein AMP16.3 [Callinectes sapi			6.95E-08	415.0913	112.

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_56798_PI429010886	M114668	0.03428	15	12						567.0781	629.6206	771.3694	495.0933	549.794	487.7611	506.9726	557.4875	585.4036	683.1376	539.016	740.6945	603.6169	783.8018	731.4443	824.1385	593.331	559.1604	566.4251	729.1026	548.6331	769.2478	595.8659	382.2635	798.5706	580.0174	838.3296
CUST_39172_PI429010886	M35591	0.03428	15	12						10348.94	216.5095	22662.24	373.0312	390.1389	1006.198	9670.846	25748.12	23368.13	24915.2	1548.599	1499.492	24478.23	43151.77	23469.53	670.112	12334.51	1050.577	8627.68	2316.991	2089.376	9475.141	19491.76	3138.529	17865.21	1542.825	18694.18
CUST_11060_PI429010886	M5861	0.03428	15	12	405970980	Cytosolic Fe-S cluster assembly factor NUBP1-like p	Metabolic process	Other	1.7E-122	141.4697	158.8254	164.6012	96.78797	101.6113	128.9944	140.8069	136.157	125.6846	180.9857	141.2568	191.4981	162.141	180.3135	129.5554	124.7724	103.0626	155.649	139.4033	165.0799	121.9392	130.6774	141.6867	124.009	170.2454
CUST_15545_PI429010886	N34760	0.03428	24	18						1027.258	993.3629	1081.506	911.683	917.7643	724.3304	1025.258	767.811	734.477	1104.958	794.1984	890.6805	884.4098	1313.707	953.2915	1739.21	917.4556	924.2614	1098.078	1127.801	961.1254	1534.021	1056.312	870.876	1274.525	794.4801	1030.678
CUST_46857_PI429010886	M73965	0.03429	21	15						41.91362	38.73495	39.06311	35.39157	35.992	53.33275	32.68774	45.488	49.48526	47.95255	34.57302	29.06792	40.67008	46.42845	43.67532	42.92761	67.45213	70.169	54.79813	78.72636	62.36898	46.02417	42.36335	35.44546	55.92013	30.88328	41.30417
CUST_30906_PI429010886	M182	0.03431	18	9	332021445	Putative protein phosphatase [Acromyrmex echinat	Protein metabolism	Cellular protein modification process	4.38E-48	129.6421	144.77	128.7232	73.97012	118.3919	172.78887	82.82132	113.0821	148.9405	233.1687	135.8061	193.556	155.8927	195.0326	125.6499	242.1214	119.3927	112.3805	148.7285	210.4017	108.5779	114.8783	140.036	91.98586	189.3407	103.7863	247.6419
CUST_37359_PI429010886	M18783	0.03430	12	0						188.658	473.327	429.3715	293.1271	182.1441	27.53031	60.81378	224.0801	382.5164	439.9985	273.393	543.3625	357.152	528.7455	470.5429	333.3682	137.8924	342.0536	281.2623	394.7994	407.6622	409.7595	459.5005	81.95659	310.8131	433.0579	496.6049
CUST_52742_PI429010886	M98736	0.03430	18	0	2660868	fast tropomyosin isoform [Homarus americanus]			2.05E-12	103.0626	103.5822	70.11707	129.1538	105.8984	139.9078	139.7302	95.7753	67.41072	88.07214	76.72395	73.45438	88.45598	78.16064	64.46821	87.70762	139.419	118.9935	113.1785	82.95644	87.34049	104.474	85.19825	104.2212	72.00841	95.82559	69.17707
CUST_8170_PI429010886	N22640	0.03430	08	0			Nucleic acid metabolism	DNA replication		13.25777	21.28336	17.80745	10.69036	14.62285	16.11003	14.91349	14.35036	20.67573	19.27695	17.63322	28.78903	18.18793	21.26038	24.91507	17.80424	9.86011	10.59893	23.87245	17.13668	15.67417	20.17126	13.31366	17.09735	25.02916	19.79646	19.96165
CUST_11149_PI429010886	N27348	0.03430	08	12						26.89586	6.454629	8.930028	102.5774	48.50963	227.9039	29.96087	52.42987	16.90254	17.76311	40.28418	9.631079	28.28611	16.20777	14.90554	30.06426	173.3481	95.86282	37.1484	14.33789	25.97958	26.67547	32.22652	47.36571	16.28372	78.78492	37.818
CUST_31108_PI429010886	M720	0.03434	33	6	242022061	eukaryotic translation initiation factor 4E type, puta	Protein metabolism	Regulation of translational initiation	3.67E-67	41.26402	41.02914	44.25018	60.05679	50.46685	68.45737	58.55654	67.73286	58.47643	30.70184	41.35027	45.27452	51.9493	57.75281	38.4769	42.0436	58.77193	51.54393	49.91173	39.288	26.69563	44.03128	32.75472	60.30436	46.52112	46.85243	41.71517
CUST_9307_PI429010886	M18502	0.03434	24	18			Protein metabolism	Protein modification process		643.0031	805.8232	535.7875	573.9804	583.8403	559.8475	594.8858	538.0354	471.9637	643.0031	603.7585	721.1961	602.272	769.5294	651.2944	919.3319	642.3044	545.6531	659.1977	827.8275	608.3741	773.4201	742.9123	593.8074	702.4802	610.0761	736.3462
CUST_29371_PI429010886	N59731	0.03434	57	24						21.77287	9.609115	7.511797	8.316685	14.31366	8.435831	20.25455	10.94511	4.956681	24.15363	22.72662	6.408788	20.35314	12.20709	NA	21.1658	28.51585	14.54874	25.46475	21.97852	29.42444	20.38809	6.257639	15.33921	23.75128	NA	23.61053
CUST_8901_PI429010886	N23769	0.03439	21	3						41.44167	39.39544	51.25727	69.36484	42.48986	55.25124	30.12812	54.88431	35.69319	35.57579	40.53866	42.57633	32.51731	51.60182	27.19088	39.33849	37.63897	36.95956	33.92714	28.55766	55.90718	48.43649	42.13297	34.56933	37.66305	50.19147	53.35562
CUST_11368_PI429010886	N27700	0.03441	00	0						320.0372	418.1872	344.9738	300.2063	358.7967	366.3446	279.7821	312.2468	294.3403	341.9433	303.1495	337.1609	368.1562	299.5774	235.0098	319.3199	305.2258	300.8257	180.3556	288.2901	337.0265	399.475	372.4888	363.8038	478.4338	306.5697	408.7569
CUST_53689_PI429010886	M102814	0.03442	24	0	260785109	hypothetical protein BRAFLDRAFT_194496 [Branchi			4.76E-26	27.85864	32.99848	37.34877	20.54044	29.12035	22.38112	16.69997	13.33386	22.62556	27.58634	22.01914	20.22864	12.80948	12.94569	NA	30.45027	19.06154	20.04102	17.78988	15.96275	13.72842	19.52925	19.60862	12.07646	25.72198	27.56341	18.68272	
CUST_34081_PI429010886	M8715	0.03442	27	0						17.67709	11.93121	NA	7.173073	14.2617	5.132987	9.485366	9.064427	6.05735	13.59135	7.13523	4.250522	6.46725	12.49757	6.344872	13.55604	9.24163	8.701981	6.485495	7.458433	NA	17.47239	24.96011	19.10453	16.09421	NA	4.164288	
CUST_32954_PI429010886	M5558	0.03442	27	18	321477672	zinc finger protein [Daphnia pulex]			1.34E-39	135.6374	117.1631	105.3949	71.11942	106.2741	48.69863	77.24703	54.73192	70.29196	142.7994	105.2803	80.1769	79.36987	90.8776	74.70996	133.8595	95.63731	108.7487	107.7242	108.4917	95.87365	131.513	77.5423	94.5785	157.9764	94.17604	93.5311	
CUST_49261_PI429010886	M84937	0.03443	31	9						49.02131	45.07578	69.83541	34.51534	45.30656	50.88842	41.86651	50.77711	49.36928	62.1958	53.12725	55.76383	50.75355	44.98106	48.10026	37.96514	42.08627	47.57087	45.38957	44.00078	50.02348	44.51031	45.26792	38.93621	69.65899	53.15159	83.383
CUST_42028_PI429010886	M59192	0.03444	34	18	350417077	PREDICTED: protein lap4-like isoform 3 [Bombus im			3.5E-36	14.99598	24.77587	18.12837	11.14656	15.09377	14.55595	12.96451	16.20777	12.2919	20.859	17.17252	35.84618	19.50301	19.87757	20.08306	24.8275	7.832427	20.55089	23.38781	25.63163	17.64058	28.08839	15.27765	18.34756	20.11905	21.38108	23.2348	
CUST_9290_PI429010886	N24380	0.03444	30	3	383852228	PREDICTED: major antigen-like [Megachile rotundat			2.83E-13	189.6625	691.1905	261.2237	861.4839	330.6123	509.8767	240.4265	319.7057	218.4835	216.1505	147.7228	367.1141	210.1562	289.423	203.324	284.093	114.2745	213.9187	122.8973	270.4372	343.6779	224.7094	259.8087	262.9561	413.7293	554.3622	201.1709	
CUST_8834_PI429010886	N27668	0.03444	24	24	270013578	hypothetical protein TcasGA2_TC012198 [Tribolium	Developmental process	Multicellular organismal development	1.25E-19	23.97713	22.13675	21.03394	10.85867	15.04347	26.95021	12.19407	19.4114	38.97496	20.40333	34.2405	20.58435	31.15277	24.58201	25.73562	11.18143	19.98793	31.6726	28.86832	32.56046	27.62704	30.02687	21.85128	25.75783	27.05113	30.82595	
CUST_50406_PI429010886	M89711	0.03439	24	0	443706934	hypothetical protein CAPTEDRAFT_164592 [Capitell			1.11E-17	65.84223	65.28197	80.18725	56.05994	48.66243	41.79247	61.5685	57.61472	65.17572	68.01317	50.8686	61.74032	53.9799	60.77736	53.01337	67.28983	48.10026	62.32467	61.95712	59.83655	59.9058	72.2954	73.75273	45.77355	88.15874	77.45737	81.29483	
CUST_5455_PI429010886	N18727	0.03444	99	0	321472375	hypothetical protein DAPPUDRAFT_301948 [Daphni	Signal transduction	Cell-cell signaling	6.11E-19	78.9119	64.04953	101.9838	70.90194	73.62026	48.53244	100.0857	49.16013	56.11599	51.21188	73.53135	39.58144	33.76983	58.62811	40.39432	55.04289	73.09859	51.5653	120.2652	30.2284	119.6777	77.76831	98.34685	80.5848	80.71386	32.01033	57.09554
CUST_38591_PI429010886	M28372	0.03452	15	9						642.3044	979.2899	1007.032	726.7504	830.4425	918.9933	761.5045	756.3176	831.0172	1166.392	764.5382	1135.012	843.5117	1099.35	946.7835	963.6143	742.6323	832.9715	769.8974	849.0108	810.6402	1071.523	919.6285	798.0318	1150.815	1010.24	1070.179
CUST_32873_PI429010886	M5330	0.03452	15	9	2290213	Lian-Aa1 retrotransposon protein [Aedes aegypti]			1.23E-57	629.4397	737.499	775.9372	472.0832	564.1196	723.4421	540.1617	638.1084	770.9286	966.1688	639.6792	930.2399	638.7779	897.4259	694.3101	917.4556	672.3398	716.9224	687.964	867.1839	642.1649	747.806	741.2403	970.6979	929.9665	991.6341	1002.452	
CUST_42380_PI429010886	M60142	0.03452	15	3						6336.037	1623.132	7266.955	10478.08	8955.736	9795.872	9697.645	6073.086	764.7939	543.6335	9305.385	19.01959	955.8025	577.6505	944.3898	110.4435	7435.628	1777.79	6962.573	30.01523	11983.26	31.93715	10143.74	9770.164	55.53245	1568.166	163.2245	
CUST_45618_PI429010886	M69686	0.03452	15	0						28.57032	15.57429	14.87518	26.78191	28.20406	30.73521	22.37306	22.20487	14.27406	15.00181	18.44132	11.51496	18.88759	11.83225	29.05988	13.93436	26.58331	19.26616	17.46064	31.79024	17.96838	21.8749	20.72901	21.51397	15.98525	13.05013	18.48442
CUST_46368_PI429010886	M72411	0.03452	15	0						156.7533	148.65	142.6758	109.0596	165.2021	223.8787	131.3416	56.03701	103.7315	108.5779	205.4212	161.2704	89.87648	98.50813	131.4711	191.5641	270.1288	221.852	181.7853	140.4751	132.8611	143.4699	87.18471	97.91604	200.9848	128.623	153.5542
CUST_6903_PI429010886	N18755	0.03452	15	12	328779109	PREDICTED: Apis mellifera vinculin (Vinc), mRNA	Cellular Process	Cell adhesion	1.43E-84	29.13814	27.7267	30.6709	20.0846	26.19664	17.10987	19.20292	20.74032	28.5492	23.2298	26.93627	24.0705	27.00978	21.93409	20.62738	23.39071	29.29583	33.97932	37.24643	23.45771	12.78166	16.44222	17.34168	15.33808	23.76609	41.0817	26.31693	
CUST_25245_PI429010886	N52057	0.03452	15	9						7.91931	81.57207	89.15191	11.92804	71.78694	73.09307	83.28321	96.75892	75.93064	71.37464	98.42661	55.55874	71.56769	110.765	74.71666	102.9429	95.17141	80.43582	44.78592	75.55675	51.14192	143.5389	69.04997	98.14502	161.2028	100.1493	140.2821	
CUST_32228_PI429010886	M3582	0.03452	27	9						271.6132	325.8124	343.8588	199.1321	224.0471	172.7143	221.6212	333.2348	303.1495	375.1955	238.2063	381.6649	252.6253	282.5938	256.1926	244.3511	230.2231	271.918	233.7917	305.2873	231.6859	215.7523	299.0972	205.392	260.3136	183.5489	206.3065	
CUST_20791_PI429010886	N44060	0.03458	15	3						2756.174	44.00542	4471.709	1275.591	2215.807	3092.843	4887.374	955.8025	267.2735	137.1593	2587.199	6.980107	325.0318	302.8326	212.6792	13.06491	4979.355	2529.511	5013.208	NA	5009.146	6.282328	2975.526	3421.62	34.52588	1239.225	43.49365	
CUST_15114_PI429010886	N34032	0.03456	21	0						72.8194	63.73239	47.43001	42.08627	46.16276	46.1038	35.18059	40.10273	28.35783	65.20986	52.41832	36.46662	39.70082	36.85539	35.6143	57.01626	60.83438	66.19578	36.73446	57.50407	44.19983	82.67802	43.15798	47.82182	62.65132	39.55173	53.36598	
CUST_28842_PI429010886	N58710	0.03456	21	0						49.65587	43.06591	68.14294	27.70089	16.79285	18.52719	20.44316	12.6884	17.93802	49.31188	12.65789	33.89828	28.3838	22.7759	34.13077	49.51255	8.835496	47.29592	27.40752	46.85243	17.73942	67.99795	40.2964	38.96658	6.822524	14.48109	45.61086	
CUST_55534_PI429010886	M110554	0.03460	05	24						55.93797	66.15751	122.5481	104.302	61.64915	88.72989	74.64909	75.86883	128.8011	76.30835	94.44207	153.6441	121.562	244.4297	106.3929	91.80446	136.1436	110.0483	61.88462	66.71625	70.92151	113.0325	87.36382	84.41305	60.63941	91.00006	79.92252	
CUST_42508_PI429010886	M60461	0.03427	18	15						79.46381	91.60957	83.87586	89.64325	82.62874	53.77384	61.58977	41.35027	48.70779	104.976	91.18913	118.0864	92.52049	80.22855	89.90347	97.4551	60.67368	123.1229	80.1659	113.4075	86.70732	121.4843	60.16545	81.08583	61.76631	66.57113	82.30578	
CUST_31440_PI429010886	M1533	0.03464	24	15						2665.55	2415.728	2156.875	1953.939	2690.41	2400.961	1525.514	1738.403	1647.631	2735.202	2439.013	2461.297	1539.294	1913.282	2092.578	4253.825	2606.005	2937.772	2688.606	3143.095	2404.795	3590.082	1779.751	2046.644	3564.266	1923.113	3077.216	
CUST_19000_PI429010886	N40808	0.03467	21	3						6454.955	12034.22	8015.915	17966.78	11601.88	10190.76	4150.569	4041.003	7717.52	8582.669	4424.066	11779.89	5674.79	7128.301	3917.614	10387.85	3276.015	8391.959	2621.227	4808.982	8504.473	8611.654	9670.846	6078.988	11762.42	14600.6	6426.682	
CUST_39017_PI429010886	N52042	0.03467	21	12	242005387	cAMP-dependent protein kinase catalytic subunit, p	Signal transduction	Other	1.41E-54	109.6567	116.9761	146.0723	104.0978	95.91005	122.7974	98.7787	88.05483	108.6889	116.5651	111.5705	171.1636	108.7377	139.7302	152.3775	127.7875	106.9008	108.4164	108.1375	132.5096	108.2252	135.1581	149.8707			
CUST_44963_PI429010886	M67545	0.03468	15	12						33.99576	36.29122	37.94571	27.32084	21.17293	22.98483	28.1163	39.88324	31.1045	39.85359	27.05448	41.47082	31.68997	38.32695	38.86122	45.30656	35.07318	40.07222	28.51242	31.74172	29.92107	44.08735	32.42452	26.06598	36.67205	30.04394	38.13489	
CUST_6334_PI429010886	N19964	0.03483	15	12	227122178	masquerade-like serine proteinase-like protein 2 [P	Metabolism	Proteolysis	6.63E-79	1270.943	1606.601	1467.042	1009.233	916.49	575.3591	1061.641	1617.488	1739.21	1664.492	1006.198	1106.54	1386.212	1860.994	1681.036	1451.905	1131.289	933.4785	1320.618	1073.06	797.7975	1602.617	1240.783	1076.18	1466.368	914.3958	1462.44	
CUST_11990_PI429010886	N28737	0.03483	15	12	395529788	PREDICTED: uncharacterized protein LOC100922640			3.44E-10	48.45297	55.25615	81.44839	40.86391	58.74569	30.37645	46.96117	62.38529	50.09589	94.95262	54.38291	63.08907	66.72453	84.34439	68.44956	76.06574	42.77863	62.406	46.30373	57.26217	62.77579	80.9345	78.43466	44.97088	83.26471	49.59376	63.01798	
CUST_13216_PI429010886	N30794	0.03483	15	12						137.1215	229.7558	155.2537	120.3232	129.065	162.5528	120.6514	92.74338	135.1036	182.6137	136.3233	186.9387	137.0179	193.0385	152.1321	174.1468	140.8407	137.9867	150.434	100.3487	133.5047	180.9857	86.44204	99.8601	208.1099	130.5819	109.8428	
CUST_25036_PI429010886	N51672	0.03483	15	12	321461624	hypothetical protein DAPPUDRAFT_326012 [Daphni			8.49E-14	34.43474	33.84879	49.23486	36.96378	37.08279	32.93338	25.49499	30.33165	36.7953	49.81881	36.65626	48.39849	41.87571	53.20475	49.03345	69.83541	42.89451	39.58944	46.29899	45.7065	28.20146	32.10376	34.91643	43.28403	54.92635	42.98911	54.56432	
CUST_32069_PI429010886	M3152	0.03497	24	6						1719.247	1253.921	NA	3653.581	273.2835	4161.995	3124.162	3249.343	3266.951	NA	71.83981	NA	1952.727	NA	1340.855	272.3366	479.9166	717.1047	1040.536	NA	53.08483	17.23726	41.62677	2219.95	NA	2299.417	31.31664	
CUST_6825_PI429010886	N20649	0.03470	03	0						73.28621	60.63941	78.59764	33.95306	49.08084	45.50116	55.29787	63.78913	65.30643	110.9478	63.8461	66.28161	62.76241	86.64513	71.84934	53.12725	63.05647	47.46581	75.61377	38.06259	70.64745	56.33375	70.63158	66.79779	61.45036	62.46096	106.9318	
CUST_17679_PI429010886	N38399	0.03470	03	0						53.01337	89.24944	201.5878	27.88984	20.99233	12.22036	41.06999	160.5748	175.4136	105.6941	77.95844	119.6384	151.582	387.8661	234.853	60.54253	120.3338	53.86098	61.09062	221.8177	142.418	267.177	299.837	71.97535	191.2388	152.4677	228.2456	
CUST_24609_PI429010886	N52197	0.03470	03	0						49.20746	92.43577	49.37977	34.88582	29.75783	12.20795	32.15263	42.16986	31.22335	35.21227	43.28403	36.80914	30.27835	39.8885	36.46662	50.14002	38.93926	50.8637	40.97968	33.72202	48.61604	58.99128	40.97968	33.72202	48.61604	58.99128	48.22079
CUST_48381_PI429010886	M80085	0.03471	18	9	512922551	PREDICTED: poly(U)-specific endoribonuclease hom			7.83E-12	22.74008	16.34592	24.09666	13.43228	11.92991	20.39615	6.74367	22.42981	28.27144	28.32791	38.68077	26.64032	17.73598	8.86752	24.93734	27.91206	9.880246	20.6935	20.2137	16.45281	14.64501	10.46038	10.85593	18.87506	22.04537	12.94311	20.35525	
CUST_21173_PI429010886	N44764	0.03471	18	15						42.98911	35.6179	46.00876	37.25844	34.41491	37.49092	55.02956	48.94831	53.70396	34.42762	37.22562	39.38726	45.63167	51.43692	44.331	58.96311	55.57175	45.3118	62.83219	42.72999	42.32326	36.58254	32.54901	27.70733	81.39522	35.95337	76.33468	
CUST_13920_PI429010886	N32015	0.03472	12	9						205.5305	229.6175	319.8266	203.4225	220.1334	230.8944	214.9913	244.0376	231.1582	284.0133	272.4885	282.2712	301.5058	330.1179	282.7521	240.8224	233.6069	211.6967	272.9055	370.2985	225.9175	460.6363	252.2065	308.5953	227.642	215.4042	278.9452	
CUST_28383_PI429010886	N57842	0.03478	12	12						6.423606	10.38786	9.216332	NA	11.67245	5.950176	10.10842	6.275836	6.257639	13.7972	19.25031	15.72131	20.01489	13.48403	27.45566	10.1142	6.252271	15.70756	8.3032	9.664283	9.886641	26.71388	11.48488	NA	7.316619	12.28413	14.25774	
CUST_53548_PI429010886	M102208	0.03477	24	21						21.02638	8.464949	10.02441	3.909489	7.643809	8.167815	NA	10.94786	3.802865	7.993052	8.949545	3.516817	8.442875	8.557801	4.89178	6.824426	12.39257	12.29064	8.317554	NA	15.4125	19.47912	12.88422	NA	17.28828	3.427839	20.08306	
CUST_55424_PI429010886	M110029	0.03474	24	12						255.0348	248.959	282.8059	211.1137	222.5078	248.1506	213.8921	222.2769	243.5502	269.7173	243.8404	359.4272	261.2742	345.3911	374.3698	315.0568	237.5448	296.3588	264.8381	290.8448	272.4368	311.8189	299.9058	228.3459	285.9079	285.0395	351.983	
CUST_33430_PI429010886	M6863	0.03479	24	3						49.81358	32.57176	NA	96.97877	39.48403	98.50813	54.95718	33.81876	30.58787	NA	29.32288	NA	19.20978	7.083214	21.74923	13.60023	40.53465	35.41597	50.3484	NA	4.89178	25.8552	NA	37.65143	6.626935	68.46628	NA	
CUST_5896_PI429010886	M112043	0.03479	18	9						48.37153	29.42815	77.77973	26.60013	27.80089	41.76249	42.09877	73.09177	53.04479	73.04879	35.74774	56.37263	49.43857	189.8916	46.66745	23.02991	43.60346	43.41776	65.09833	25.2086	36.95956	54.81682	80.63947	61.02614	61.00953	67.74201	75.91487	
CUST_3428_PI429010886	M67197	0.03479	24	12						32.68774	39.67691	44.49237	33.52987	25.51724	38.93667	26.96892	30.91745	34.14561	36.51599	33.49853	48.2815	25.13071	32.23977	41.74772	44.6316	40.93167	29.84362	34.8012	45.4093	58.8971	52.12867	27.38709	40.45463	32.8404	35.57881		
CUST_55701_PI429010886	M111370	0.03482	27	24						16.51009	29.39664	14.63889	24.41426	14.92131	16.85059	9.336649	12.65013	12.58347	12.2919	5.137251	17.08729	11.63703	18.39223	7.359153	28.07627	11.66976	24.2228	9.091001	16.23717	19.25722	22.76207	15.91598	23.14492	19.07331	15.32584	19.06154	
CUST_47526_PI429010886	M76470	0.03483	31	12						73.84429	58.79065	82.36794	50.19562	57.28882	73.39754	66.16504	62.07681	56.40373	70.33128	55.31379	81.52938	78.16064	100.8047	84.1293	85.37214	65.76942	70.52611	64.09512	70.39937	67.28983	93.45456	71.91814	67.61178	80.14138	67.64264	83.87586	
CUST_34814_PI429010886	M10776	0.03484	24	3						275.7295	155.4878	113.1427	415.5762	145.4981	318.2412	383.351	248.4954	301.467	67.5589	55.52574	58.31001	279.7821	74.10143	166.9868	96.63027	141.8325	161.0222	132.88	68.06658	49.63154	130.3743	102.1576	214.2583	84.19357	297.5859	94.46416	
CUST_9492_PI429010886	N24728	0.03484	24	3						80.50367	64.17425	49.1644	77.08541	61.34598	66.39266	46.47367	76.28297	44.52812	76.353	33.1299	48.81237	55.6145	63.45518	61.12874	52.98238	40.97837	41.7785	49.62512	55.15882	36.606	51.42712	56.99104	23.47811	79.22919	53.38747	64.72483	
CUST_42295_PI429010886	M59936	0.03484	95	9	371591236	Euphausia superba voucher 760M mitochondrion, p				82964.44	70048.09	76927.64	95621.16	97928.01	80123.56	82964.44	42140.05	79324.15	103589.1	91360.38	85436.14	89222.73	71869.37	81077.7	66128	74829.64	77729.71	76141.25	73477.97	94450	84866.33	86620.4	97928.01	92843.62	90253.54	88771.33	
CUST_36860_PI429010886	M17055	0.03486	99	0						12.10209	32.62278	32.5286	26.90876	31.56943	10.77751	11.17643	22.21962	9.810562	25.68325	20.70392	24.08063	20.30807	49.28963	19.39824	28.28611	22.18811	29.20057	26.34508	23.06645	17.43225	19.35656	11.77781	12.59383	28.5492	20.0113	28.8656	
CUST_45661_PI429010886	M69844	0.03486	99	9						16.96167	21.75697	21.24309	12.41217	14.79848	16.37181	16.61727	21.13287	22.6112	20.70392	19.43895	27.25419	26.50391	18.08249	14.30732	22.43724	19.11241	19.98856	15.11263	16.50592	25.27468	17.09174	19.38108	20.43418	21.15229	22.40634	25.19447	
CUST_7699_PI429010886	N21943	0.03486	99	9						40.05116	56.05994	46.87213	57.70169	42.88574	28.94785	32.56779	47.21974	37.49843	61.84039	45.71121	63.02348	36.67205	55.87623	49.3486	53.41869	20.28541	52.83011

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	24	24	24
CUST_9667_PI429010886	NP_001035357	0.035357	15	0	66499810	PREDICTED: cleavage and polyadenylation specificit	Nucleic acid metabolism	RNA metabolic process	1.2E-99	52.91094	68.22752	37.48336	46.02927	41.74272	45.39483	28.73411	18.98392	41.22879	47.63767	42.49492	45.79823	49.57451	34.98328	67.01506	68.01317	19.52364	60.3963	42.69298	49.1644	42.84657	42.82585	40.1699	35.97533	49.71501	34.36388	39.64527
CUST_52266_PI429010886	M96910	0.035377	18	3						166.8948	423.0023	235.8718	675.9235	220.8472	360.1121	175.7224	192.324	167.0167	166.2981	84.43869	267.4223	138.7624	208.2116	181.0152	201.7725	69.16983	188.591	107.6827	171.9761	309.1008	237.0939	285.7468	194.3859	252.0041	362.0452	139.0616
CUST_46260_PI429010886	M71975	0.035405	18	3						316.6467	176.6512	211.2238	159.3888	212.3072	247.7341	158.2188	100.1573	99.2894	228.2456	170.8315	220.8734	71.65614	130.8512	79.2105	46.69134	172.2992	146.8848	98.46582	120.5515	126.1032	242.101	171.3142	228.8706	117.7722	66.86178	99.69352
CUST_1366_PI429010886	N9420	0.03541	21	9	321470487	hypothetical protein DAPPUDRAFT_303430 [Daphni			5.7E-108	296.6312	376.1162	220.8472	225.6208	268.0379	186.5931	276.9079	364.4089	208.4543	369.0374	482.753	527.4806	491.272	342.8578	270.4039	277.7171	301.6859	190.0964	504.8164	270.9139	363.0918	338.0611	286.0114	229.9104	462.7955	191.6398	184.2548
CUST_54781_PI429010886	M107652	0.035419	21	3						17.55275	10.88915	9.301993	13.44726	18.65856	9.105658	11.29639	4.488345	9.673986	12.75496	6.796716	12.59383	8.004105	7.010504	5.601747	8.003112	12.60946	10.64535	19.46131	7.786537	7.327597	15.28275	8.197045	58.88281	16.75298	12.22036	17.30092
CUST_22742_PI429010886	N47591	0.035436	21	0						60.24939	57.32094	70.61832	52.38415	39.667	40.59908	40.35311	45.63767	38.89335	53.49548	34.45395	62.67301	50.45103	54.79286	53.51858	65.75656	43.9229	54.37221	68.25442	52.08136	52.79221	77.63264	52.70102	51.58632	62.48649	46.55991	63.60606
CUST_47247_PI429010886	M75335	0.03544	18	9						2923.398	4345.199	4201.227	3687.08	3899.401	3312.37	2454.105	5477.513	5105.143	3842.983	6925.74	11327.23	5717.187	5411.773	5372.754	4083.732	3243.287	3673.827	3320.318	6794.71	3534.122	4461.585	3466.9	2723.994	4544.383	4528.171	6225.291
CUST_55098_PI429010886	M108722	0.035489	15	12						680.1392	714.7333	776.1766	765.4435	615.211	704.3489	561.5311	669.8776	709.6744	715.8969	637.2948	813.1389	697.0634	926.1166	916.49	922.2736	689.4854	791.0227	698.6187	693.2829	732.5018	676.9355	755.0608	518.9265	745.5335	764.3328	964.9461
CUST_36230_PI429010886	M15101	0.035489	15	12						18.68272	35.37131	28.85946	21.77078	18.66111	38.57925	19.25031	24.61812	20.06061	36.06105	30.0795	30.74654	29.1329	37.33468	40.75297	34.82944	24.19734	33.23641	25.95428	22.61839	24.75921	46.09323	26.45722	27.13598	28.74055	31.89828	33.90948
CUST_47025_PI429010886	M74563	0.035489	15	3						33.88658	26.14767	41.59029	13.56063	16.91106	22.6653	24.3983	42.91318	33.14406	72.26362	21.91188	35.60156	33.38385	46.65359	36.12687	46.37163	29.66792	25.01145	28.19636	30.9722	25.46747	31.267	42.81625	14.57688	42.30429	23.91586	46.61752
CUST_47642_PI429010886	M77016	0.035489	15	3						45.46745	55.87623	18.0708	61.01573	48.92098	43.5699	39.79718	36.77308	25.68978	34.39152	41.46468	23.93813	30.29871	27.71495	15.22485	35.33784	50.45571	39.23735	56.67223	48.92704	25.97297	38.19514	25.80604	30.21389	38.11743	26.43455	25.888
CUST_48906_PI429010886	M82834	0.035489	15	12						74.54819	89.80198	123.4578	63.37918	60.44797	75.4087	65.36594	94.92777	127.5818	108.9284	74.76616	105.1159	92.81476	114.743	111.7908	117.621	62.29604	95.36046	76.96996	96.8323	70.74696	85.06299	86.38663	95.86282	78.06614	104.1514	107.6827
CUST_6959_PI429010886	N20836	0.035489	15	6						62.32467	57.70169	61.2231	65.46343	97.3486	93.21704	81.1623	56.37263	36.58662	55.45871	74.82753	42.72555	46.9717	51.49206	31.68743	42.85091	114.1048	85.78724	123.9078	44.38974	75.4776	49.37485	71.02655	103.5678	45.06422	59.84297	31.74511
CUST_19521_PI429010886	N41709	0.035489	15	12						743.4007	915.8521	723.9047	855.518	753.2014	947.8741	551.2455	592.1986	630.6794	834.6224	842.0657	1078.601	633.0392	865.6927	1129.849	938.6625	910.5801	772.4833	748.9581	850.4702	728.8915	840.6106	716.5268	604.4329	633.0392	863.4186	769.0647
CUST_24449_PI429010886	N50647	0.035489	15	9						70.47227	55.45229	64.90243	50.88285	40.19775	61.89112	33.80408	32.10055	41.20095	65.09219	60.83438	66.53186	66.37927	43.84173	62.31885	52.26577	51.95466	50.59835	57.45413	43.97896	47.41918	52.96595	54.89949	40.00557	43.57816	55.20237	44.37026
CUST_44936_PI429010886	M67460	0.035491	12	0						886.7923	1019.446	921.6949	680.1392	736.1144	678.3407	744.0064	738.0296	830.6821	1076.531	768.2695	873.2696	810.0074	1114.056	955.4895	1156.728	768.2695	723.6629	866.8694	960.3576	677.5621	1182.29	959.6386	744.5402	1183.738	769.8974	1043.787
CUST_48031_PI429010886	M78612	0.035491	12	3	242019220	conserved hypothetical protein [Pediculus humanus			7.42E-56	258.7017	190.6724	154.9827	463.5935	282.9535	469.9116	434.5491	188.4088	228.4344	63.73904	216.0426	87.35248	187.6138	48.91209	187.1216	94.34866	391.6722	284.7376	282.9109	68.9769	207.853	60.43419	181.9024	311.1164	61.02614	208.9109	62.63151
CUST_9143_PI429010886	N24129	0.035491	12	3						31.81697	10.57913	22.64731	30.42483	56.55685	58.23374	29.26565	31.73044	25.23241	33.39553	45.70165	20.80307	21.68419	34.58756	22.59879	23.83766	52.40666	39.91731	34.90742	31.75251	38.36474	25.5267	27.78747	30.90472	22.88862	23.36677	31.00505
CUST_35129_PI429010886	M11671	0.035516	18	9						55.76859	85.141	82.02042	62.4741	44.45813	55.47209	53.15786	60.31958	43.44238	94.13978	111.7908	78.27179	84.27965	86.78972	71.38963	89.35703	59.7424	69.08941	86.81547	82.64391	63.28709	86.33154	64.74408	50.71291	77.56897	81.09417	63.1832
CUST_54021_PI429010886	M104129	0.035534	18	0						198.8279 NA		254.9115	27.8344	66.50645	90.37187	364.4089	98.09433	57.41489	7.485838	143.1678 NA		39.67041	42.42067	22.72881 NA		243.0834	99.34504	360.9417 NA		166.5412 NA		139.7302	169.2493 NA		50.91495	5.502777
CUST_16571_PI429010886	N36493	0.035544	21	9						44.65427	110.9726	109.8741	26.72384	76.668	97.50342	74.58008	73.74514	77.1122	6.971491	27.34621	15.29798	3.902692	15.64506	60.47979	89.82702	131.1966	170.2922	13.08554	6.641946	21.81748 NA		NA		97.5983	77.38462	65.60373
CUST_13570_PI429010886	M41306	0.035556	24	21	345487070	PREDICTED: microtubule-actin cross-linking factor 1			6.95E-19	4.629585	51.4	46.16699	50.84587	39.45879	43.07403	40.44128	40.78513	48.8169	61.99224	43.74674	43.71284	48.11605	51.63118	46.74774	51.98058	43.50677	54.5227	56.88203	53.57478	51.66323	55.54166	70.12587	45.54848	56.2145	54.93259	55.93124
CUST_23362_PI429010886	N48711	0.0356	24	0						725.0021	2413.596	2485.559	427.8624	1359.544	847.8005	370.13	194.4818	1640.228	582.9606	971.1081	2408.505	58.22987	167.4333	272.3924	2536.388	832.3284	1670.5	1351.741	716.2921	768.2695	1649.441	1071.523	143.2572	2237.5	1211.313	3503.673
CUST_53221_PI429010886	M100778	0.0361	15	9						1134.016	1256.525	2352.559	1183.341	884.6458	1015.729	997.4048	1214.782	1547.246	1537.216	1282.355	2923.398	1520.67	2151.64	2370.125	2147.931	731.0066	1848.861	1463.822	1173.656	1724.959	2980.843	1771.34	1462.44	2695.193	2007.972	1968.333
CUST_50872_PI429010886	M91294	0.035626	21	0						22.87323	15.75243	34.47396	8.345317	20.62099	16.44239	11.28356	12.53922	7.920199	19.46833	9.102009	11.69762	4.387413	22.78742	3.849709	16.74929	12.2288	12.2288	17.10987	12.79089	12.60453	20.17321 NA			15.37785	21.83532	7.986139	16.77607
CUST_42957_PI429010886	M61725	0.035646	12	9						56.40373	34.9503	34.45811 NA				14.73565	11.93292	3.69797	30.10233	24.6038	78.14128	30.78534	61.72981 NA			11.97713 NA		10.46578 NA		16.39504	24.96534	18.25998	11.85674	29.65544	30.53018 NA		37.65478 NA		10.97825
CUST_50277_PI429010886	M89290	0.035655	24	9						4.705963	11.15682 NA			31.87606	6.800737 NA			22.73782	19.13027	11.98753	11.41581	20.95213	27.55378	21.56963	11.5275	27.49118	21.96744	17.38798	17.71924	7.141791	46.66745	7.232248	10.06452	19.95159	8.503639	5.78592	15.53244	5.746337
CUST_56360_PI429010886	M113594	0.035663	21	18						15.02147	12.32604	9.409299	12.23011	6.801891	16.13004 NA		15.24047	5.107128	8.662743	6.26744	11.02488	5.554616	6.287022	5.204531	14.56343	12.28125	22.28917	18.93037	9.211504	15.42005	18.04709	12.79969	10.24643	13.75465	9.927073	10.23206
CUST_26965_PI429010886	N55195	0.035664	24	21						18.35726	10.11891	12.16044	21.74146	9.136468	14.73662	9.558027	8.972594	10.99269	16.46586	13.12868	12.0863	10.06555	24.54416	14.68043	18.4246	12.6973	13.95459	15.29079	13.04571	43.75138	20.04708	23.63048	12.36728	16.16705	14.13095	18.94519
CUST_42224_PI429010886	M97463	0.035702	24	9						41.17264	46.25026	50.4975	28.33335	33.39553	29.2332	38.30158	34.74686	41.15689	42.10755	30.6513	41.65923	32.84559	32.3288	52.65189	49.54106	53.91094	50.04998	36.4354	38.93982	21.97651	43.9135	42.18909	27.55645	35.97533	36.64631	40.5109
CUST_42724_PI429010886	M61077	0.035727	24	0						59.07909	186.5287	106.5468	51.33151	48.9688	30.85708	98.49703	113.7816	72.32108	43.69222	37.68617	27.4118	43.87014	93.78702	72.23286	137.687	183.8412	44.36476	83.66854 NA		22.22168	6.86152 NA		NA		16.30611	55.87064	46.60859
CUST_47800_PI429010886	M77654	0.035731	15	9						245.8233	230.1517	296.0927	217.2745	238.8193	207.3956	245.5656	242.9704	282.7521	297.5373	268.82	261.123	229.2792	363.5385	281.2019	304.0369	224.5779	280.12	254.1554	242.7155	249.3375	284.8452	237.3703	209.83	385.0122	278.8318	289.679
CUST_5683_PI429010886	N19037	0.035731	15	3						207.3956	248.2061	249.7604	187.9283	248.8723	248.3781	179.616	165.6162	180.0766	227.312	273.7876	274.0115	190.9766	209.3591	198.4542	304.2121	220.6157	290.2748	189.3158	269.2795	189.5057	222.578	184.1183	200.7582	253.3366	174.7413	242.9037
CUST_18227_PI429010886	N39388	0.035731	12	3	478261422	hypothetical protein YQE_02808, partial [Dendroctc	Protein metabolism	Proteolysis	1.31E-22	57.34886	144.9545	22.0325	521.963	470.6652	536.1368	242.5645	27.07724	223.0851	29.32288	4.948921	11.4747	36.50003	161.3901	309.2864	722.796	45.21982	562.1725	60.29484	53.33947	19.74451	532.0502	28.24369	319.745	145.749	37.06882	23.55239
CUST_43440_PI429010886	M63052	0.035776	15	9						104.4835	101.3168	122.0311	84.32383	101.5527	125.9958	107.7242	111.8286	130.8825	139.1812	108.4109	121.0512	97.4551	127.2256	131.1671	106.5216	115.3001	101.7238	107.4359	108.9872	114.7609	136.8138	118.7528	131.2743	119.0883	134.244	127.0971
CUST_3609_PI429010886	N14873	0.035776	15	9						129.7547	284.8452	706.0046	12.07272	75.93064	9.013974	220.6402	776.8406	1619.494	926.1166	720.48	1185.878	332.8858	1259.651	595.305	229.4054	444.7159	210.0239	302.1561	1316.22	294.2267	1135.995	796.2928	26.45722	1923.113	250.8965	1018.327
CUST_56496_PI429010886	M113933	0.035799	12	0						1170.02	1560.88	1703.115	1049.194	1043.343	1058.786	1143.075	1148.187	1419.195	1492.759	1259.651	1485.965	1232.59	1734.303	1773.273	1718.489	1127.801	1316.22	1366.468	1730.823	1287.748	1662.371	1432.157	1236.95	1565.179	1278.309	1696.249
CUST_33287_PI429010886	M6504	0.035805	24	15	459937336	putative TRP channel protein [Periplaneta american	Transport	Ion transport	3.5E-159	1085.118	1136.737	1074.839	651.2944	1079.252	1113.695	754.5887	810.6402	709.1206	1028.799	1036.073	1099.653	625.8341	1050.577	991.3315	1327.226	1163.545	1302.682	1103.397	1126.811	942.9477	1301.471	892.3589	790.5889	1858.933	1035.582	1205.667
CUST_33730_PI429010886	M7734	0.035826	15	9	321469223	hypothetical protein DAPPUDRAFT_243998 [Daphni	Metabolism	Carbohydrate metabolic process	7.7E-138	31.24843	203.2739	123.6053	278.8318	317.8203	114.6697	267.6598	712.1447	663.1345	264.2251	765.9632	1041.277	411.5463	132.4515	282.2114	5.893349	170.0428 NA		95.17141	1680.099	328.6838 NA		211.5276	389.3668 NA		241.4805	641.7483
CUST_15747_PI429010886	M10576	0.035866	15	12						300.5238	309.1008	251.5651	205.0778	245.2402	275.0389	223.6419	216.6952	192.4758	256.9474	232.3526	246.1869	190.7772	276.5696	251.6265	314.9825	199.0284	184.1509	281.9184	167.7295	211.6532	281.9561	194.2509	167.0596	244.2279	309.3731
CUST_26083_PI429010886	N53628	0.03587	24	15						33.11438	30.76441	35.87751	27.4471	27.13299	20.75737	23.81679	28.70508	29.71386	40.14648	20.4859	44.91149	32.27766	42.29841	30.60425	55.11221	25.25393	44.99497	36.02402	37.86509	42.88135	34.73965	42.06008	34.40003	49.67248	43.80561	46.1038
CUST_33956_PI429010886	M8360	0.035878	21	15						357.152	445.5129	275.8443	374.4434	410.06	378.5438	263.6263	292.3676	234.1059	264.7951	338.3238	344.803	285.4569	332.4804	366.8204	479.585	352.8752	409.1687	395.3575	406.809	307.1797	467.665	296.3167	309.1695	353.6127	352.3859	289.9742
CUST_48279_PI429010886	M79638	0.035886	12	0						18.84309	18.30186	40.42785	9.82119	8.788925	14.39019	6.379564	8.110471	23.21318	11.32143	36.5984	16.53651	17.23883	25.00865	17.86554	13.36577	11.01728	10.46311	10.78602	19.19079	11.55683	15.56605	22.11953	14.70218	20.88813	9.913065	16.72128
CUST_50546_PI429010886	M90221	0.035886	12	9						33.66143	26.07711	34.17378	43.28157	53.05965	43.961	64.26853	49.57895	34.88582	33.94751	58.12189	41.15368	53.05965	23.70484	20.05897	84.62693	63.41464	53.76242	48.23603	38.56828	54.77183	40.40681	36.52603	88.3593	28.28914	51.31578	41.43272
CUST_23777_PI429010886	N49446	0.035886	12	15						432.1375	513.4234	534.0061	395.9375	472.8988	494.6999	463.6969	463.4816	458.3652	350.0802	473.1073	359.57	482.753	394.7279	455.0936	601.0454	514.0171	501.702	535.1571	530.8519	488.8934	512.5692	483.597	351.983	688.7233	420.5887	595.028
CUST_44242_PI429010886	M65366	0.035893	15	12	321469964	hypothetical protein DAPPUDRAFT_303780 [Daphni			2.15E-33	52.29382	59.9559	61.93065	38.56828	43.90259	57.62155	25.352	35.96518	55.09266	51.60182	40.28049	121.4703	46.84472	80.38356	73.9797	59.79117	34.10794	58.99785	47.99919	59.79684	57.52971	52.18439	51.1868	33.2742	71.51375	48.3882	64.5831
CUST_17905_PI429010886	N38807	0.035894	24	18	350399191	PREDICTED: atlastin-like isoform 1 [Bombus impatie			8.8E-19	74.32582	66.50022	45.11398	47.12249	47.09025	36.48665	74.03663	32.80705	46.92598	67.02702	79.20223	63.08199	58.69441	56.19981	50.45571	74.55697	133.7749	39.79339	85.52397	138.0748	64.62304	68.38203	48.47467	53.36025	65.28922	33.30987	61.24287
CUST_27504_PI429010886	N56176	0.035915	21	9	260806438	hypothetical protein BRAFLDRAFT_85692 [Branchio	Metabolic process	Other	7.4E-18	17.90404	8.630999	7.842686	27.04148	14.63889	14.9864	14.68592	21.66748	18.72053	16.75931	31.01112	22.27554	38.05769	20.96144	9.959454	8.97486	12.10746	11.39853	14.05599	36.2246	32.58037	8.401293	7.421979 NA		12.50732	29.24532	15.07014
CUST_11407_PI429010886	N33323	0.035923	12	12						14.18775	31.61657	14.39423	22.23059	18.10445	20.66537	15.60693	20.65238	10.90827	25.24454	18.85349	31.47929	25.93179	24.43027	15.70408	26.55213	13.66226	20.77685	21.14245	18.89201	20.77685	21.14245	18.89201	20.77685	21.14245	18.89201	19.60862
CUST_55870_PI429010886	M111947	0.035959	21	12						36.69017	31.68444	36.72937	27.14607	34.05076	42.75674	28.1987	35.16453	28.16499	37.06882	31.82901	31.04579	37.11196	40.52511	47.59957	31.8	38.71497	38.63759	39.57761	39.86606	37.50798	35.17156	37.91955	22.19942	37.67218	33.84879	32.61498
CUST_10004_PI429010886	N25551	0.036003	24	15						18.01314	16.68994	25.02916	13.05889	10.94103	19.52925	8.588693	10.23894	12.36405	9.824879	14.76986	17.53908	10.3005	30.18478	17.33858	22.95261	15.52381	23.1013	16.46028	20.99763	12.43272	18.88215	22.78989	14.56714	13.55355	21.90202	19.01531
CUST_35642_PI429010886	M13093	0.036015	21	15						515.4981	523.5388	582.1613	537.0505	472.5516	561.2769	379.8142	445.9535	460.0363	553.514	477.9922	604.5341	400.1052	548.077	484.607	719.1308	610.8058	541.31	613.6489	625.7026	493.4379	690.9208	500.7784	438.6413	569.6586	440.5078	558.4057
CUST_31067_PI429010886	M604	0.036015	18	0	242003046	WD-repeatcontaining protein, putative [Pediculus h				70.94855	66.81139	58.96311	49.58479	86.36905	40.81576	53.81515	41.70336	56.80303	64.40125	64.04369	72.05819	66.7414	48.62311	57.09018	60.98516	55.78991	79.17523	71.28268	63.88437	65.46343	57.78767	63.77572	57.83783	58.67101	51.7068	48.88298
CUST_53650_PI429010886	M102649	0.036021	15	3						20.96144	7.50435	9.661698	30.48607	20.9065	24.3684 NA		16.38286 NA		28.46316	22.33967	10.40896	9.823191	15.53244	6.779112	13.17601	21.74923	17.04092	29.46873 NA		20.90047	9.905555 NA		NA		19.28584	6.849615	23.7918
CUST_35349_PI429010886	M12337	0.036023	12	0	390345459	PREDICTED: zinc finger protein 84-like [Strongyloce			2.31E-55	7.54037	15.02569	9.336649	5.56425	9.02845	13.05441 NA		16.1321	8.488945	6.712633	7.756103	10.93346	30.11515	13.71994 NA		9.104602	8.486348	8.406805	5.986055	4.622941 NA		8.468531	11.15573 NA		13.58403	19.96449	18.90357
CUST_35810_PI429010886	M13573	0.036028	21	15						207.0153	272.3924	210.5151	226.8346	208.7767	228.1106	159.6292	174.4245	180.162	256.6914	213.6947	231.3422	160.974	205.8829	246.0125	304.1069	214.5095	323.9834	224.3204	273.6399	222.2406	288.4954	204.658	191.9895	262.1655	215.2857	213.0864
CUST_52104_PI429010886	M96417	0.036048	24	6						200.9848	167.6229	11.13485	241.7291	53.57981	166.9427	207.0153	232.6257	183.2048 NA		19.28099	13.98077	267.6598	12.45838	150.6325	40.32087	49.7894	74.6525	16.06458	9.714422	14.87518	26.43248	10.57804	297.8198	23.60773	84.05405	16.97785
CUST_10621_PI429010886	N26524	0.036074	24	6						635.0709	754.5887	726.7504	563.9632	658.1422	585.2479	542.3878	570.3497	653.9628	859.0461	628.4644	680.3748	592.5758	866.8894	679.9331	875.295	631.2667	764.0731	646.6229	587.7267	764.0731	646.6229	587.7267	764.0731	646.6229	587.7267	826.4016
CUST_30849_PI429010886	N63031	0.036074	12	12						5.92867	8.774888	15.63054	4.489555	5.98865	6.784674	12.38076	13.32777	12.17439	11.38749	4.66886	14.2605	14.73825	17.13668	9.530867	19.40005	13.50761	15.69662	9.658216	6.648806	8.328299	14.23976	9.422886	17.33696	8.800802	17.02082	16.62775
CUST_51494_PI429010886	M93725	0.036078	24	18						106.4305	80.36337	148.886	90.90134	79.81539	64.46821	84.76204	118.5634	121.8439	85.29111	108.3189	124.8411	109.19	148.6917	166.6587	121.0016	146.6632	139.4033	202.6837	86.38663	133.9267	201.7937	144.2774	104.4054	175.7224	140.2062	127.916
CUST_23447_PI429010886	N48854	0.036103	24	21						12.50339	34.15181	28.2689	11.47303	14.56714	15.43128	12.45001	12.79813	11.4747	10.5667	13.99028	25.352	14.36708	26.79789	15.5488	25.39336	14.42276	18.04108	17.73942	11.38442	9.469496	25.15397	22.89148	35.56782	17.40769	21.8123	23.29073
CUST_36023_PI429010886	M14315	0.03611	6	6	321467326	GST-N-Metaxin-like protein [Daphnia pulex]			2.68E-15	12.13343	18.12277	9.751886	31.40553	25.61779	27.7492	53.28087 NA		NA	14.92766	28.7018	6.593457	6.850987 NA		3.96015	10.68521	29.59116	21.57749	34.76295	8.367475	26.08713	10.94248	24.48268	40.24548	14.9472	12.04766 NA	
CUST_6764_PI429010886	N20569	0.036112	18	6	46849491	glycinamide ribonucleotide synthetase-aminoimida	Metabolic process	Nucleobase-containing compound metabolic process	7E-112	98.0082	158.7737	147.1696	125.2677	124.672	148.9557	241.2255	163.791	235.8014	186.3956	189.4567	228.2235	146.3399	212.0119	206.7552	235.7212	281.652	231.6114	149.5977	134.0378	111.4345	209.6694	226.8032	151.6449	314.5564	142.2559	257.7314
CUST_56944_PI429010886	M114968	0.036118	21	3						11.63591	9.262293	13.5346	16.76894	14.4005	14.84209	17.37911	12.43952	13.99622	5.169974	11.42268	7.768024	10.73339 NA		11.71083	11.03659	7.743875	8.821462	19.08808	9.476285	19.93091	7.982144	11.33312	8.664964	10.16422	37.79822	26.0521
CUST_50278_PI429010886	M89294	0.036125	21	3	410950364	PREDICTED: zinc finger protein 558 [Felis catus]	Nucleic acid metabolism	Regulation of gene expression	2.8E-14	1050.577	2223.051	1321.79	3416.788	1591.245	1710.023	1140.062	1082.445	1133.519	1419.795	774.5083	1613.342	793.8063	1502.524	920.0256	1359.544	588.9896	1266.654	677.9305	973.4615	2026.043	1797.174	2049.694	1130.917	2133.627	1911.091	1192.165
CUST_12155_PI429010886	N29016	0.036126	21	6						9.106984	24.84355	11.00169	8.120251	4.927606	6.295535	21.44879	68.5913	5.105169	21.23667	4.346071	17.7534	21.8835	27.96355	23.03433	29.38047	14.91181	24.42797	21.76863	10.97938	11.32653	13.73772	10.07966 NA		39.78497	15.08419	38.77187
CUST_482_PI429010886	N5602	0.036135	18	3						30.2284	16.51743	8.855559	132.4059	45.09974	163.9899	61.66407	29.02633	33.23641	13.12705	11.93548	5.746337	38.0368	11.28664	39.64527	15.93573	71.43104	64.00351	36.5984

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_33912_PI429010886	M8225	0.036817	21	18	321474382	hypothetical protein DAPPUDRAFT_230544 [Daphni			6.8E-32	53.47899	63.26276	42.53339	30.705	222.2769	18.40232	51.47755	29.28006	20.4413	176.0861	170.6324	186.167	22.21172	67.78689	65.93703	60.16545	72.3404	100.2495	62.28748	360.7127	146.3045	37.94932	106.3333	64.55134	32.86616	29.66792	57.32094
CUST_52089_PI429010886	M96382	0.036842	15	9						15.44955	25.09429	7.378942	7.916656	7.053731	7.002324	21.17074	76.38976	5.147446	16.0073	13.58792	17.74139	12.2697	13.97554	13.79851	14.85271	9.200881	7.646317	10.0911	6.538282	12.65638	14.00927	NA	NA	22.69834	NA	15.46627
CUST_53363_PI429010886	M101413	0.036869	12	9						14.70218	8.479761	15.53405	13.75707	12.73533	17.58365	3.550382	14.0658	5.302715	40.1229	22.61376	30.9788	18.88215	28.23631	13.76785	11.26192	16.25929	12.25717	21.68419	17.59799	24.91723	16.18436	16.52754	22.54321	12.09063	13.2704	13.53466
CUST_16218_PI429010886	N35866	0.036863	21	0						65.45683	52.73287	76.03863	41.70336	40.84069	58.01161	52.22902	49.33073	30.68445	40.68218	51.32807	25.63785	56.77783	22.25418	42.55742	39.05552	52.29382	36.55477	41.29432	38.01489	36.10574	49.29932	54.08762	54.88431	41.0381	52.97579	36.69997
CUST_39199_PI429010886	M36036	0.036864	18	15						3630.71	5256.29	3847.06	3701.465	3303.552	3197.843	2491.849	3144.897	2727.828	5060.995	3717.434	4763.632	3787.685	3872.65	2176.36	5705.785	3380.982	3500.164	3956.693	4579.426	3634.672	4827.614	3474.89	2756.174	3772.58	2704.165	3095.586
CUST_13682_PI429010886	N31583	0.036864	12	9						98.04327	124.8931	131.3569	99.23417	97.88296	100.7206	87.40211	73.77697	101.0493	75.80349	131.838	126.8628	87.51279	121.0216	120.8052	127.001	80.70446	108.2888	101.7152	99.40267	124.3644	110.652	91.69639	93.80773	91.35555	79.43105	84.1293
CUST_32254_PI429010886	M3641	0.036866	12	9						45.79191	36.02402	49.1739	40.58787	36.3679	45.66434	58.597	43.33449	51.05482	69.54952	52.15768	60.95703	47.82652	40.94065	37.99335	30.39084	64.23456	49.67248	42.98059	25.65833	44.40267	52.21271	64.49483	59.84805	46.45766	52.81394	37.22874
CUST_22485_PI429010886	N47123	0.036898	12	0	242004048	glycerol-3-phosphate acyltransferase, putative [Ped	Metabolic process	Other	6.88E-24	32.77838	21.76618	13.22835	8.165976	16.87203	15.12966	10.2343	12.38626	7.305705	19.07974	14.55595	14.36708	17.42611	13.12868	26.82401	21.43485	14.1264	15.7577	14.59396	17.69459	11.56997	26.16563	10.36359	19.37234	21.05341	17.85771	20.31875
CUST_8548_PI429010886	N23206	0.036942	12	3						21.19713	7.792392	24.84105	26.68081	29.72938	26.62548	23.28108	13.36717	13.89481	5.101628	8.548078	NA	9.934601	14.94259	17.56531	28.04755	24.51944	38.09997	8.957551	7.573982	NA	20.40111	11.54827	29.08411	15.73939	3.780328	NA
CUST_14906_PI429010886	N33671	0.036961	15	9						9.23209	10.55447	36.07274	12.51827	12.68973	NA	15.50857	25.89483	27.84917	40.71208	23.89355	25.54596	23.33049	37.46672	24.0077	29.92416	14.31922	15.24223	19.41782	23.04991	15.5279	33.93687	37.42124	11.30787	46.991	21.14575	45.27903
CUST_15051_PI429010886	N33931	0.036991	24	18	195576256	GD22775 [Drosophila simulans] >gi|194190001|gb|	Transport	Ion transport	5.14E-19	1241.637	2182.975	1065.529	932.5265	1142.567	1099.991	1120.861	1157.228	1294.143	1200.709	1161.62	1695.261	1352.582	1454.733	1689.395	1492.073	1284.605	1157.816	1390.385	1868.48	1178.599	1530.336	1152.92	1437.865	1163.104	1332.224	1500.167
CUST_6579_PI429010886	N20298	0.036995	15	12	260833404	hypothetical protein BRAFLDRAFT_117120 [Branchi			1.76E-81	75.22711	84.35593	108.6304	90.12961	105.86	81.94846	73.13314	87.31709	115.1886	100.3711	129.735	134.0609	82.46049	114.7719	91.02196	98.51875	76.13932	82.25514	66.70898	137.33	90.06996	102.0573	117.6603	103.654	102.3756	117.8738	130.9454
CUST_17507_PI429010886	N38088	0.037015	15	12						11.65145	NA	4.33418	6.482775	4.62769	NA	3.81618	4.822002	6.205172	11.4538	13.18806	12.79677	13.57654	15.7161	16.81213	8.991035	NA	10.23296	10.70092	10.32153	9.864571	13.80154	NA	13.39598	10.96329	35.39157	8.381146
CUST_2792_PI429010886	N13117	0.037024	15	3	91092632	PREDICTED: similar to AGAP007416-PA [Tribolium c	Nucleic acid metabolism	Regulation of gene expression	2.4E-106	350.7295	214.4171	117.2428	636.8404	385.1644	671.7237	447.1828	337.4667	193.267	108.4314	290.995	81.5056	291.8868	161.8008	203.1221	162.9163	597.939	361.4417	397.7744	132.3201	177.456	232.1034	143.9489	360.4157	147.1696	334.0181	65.68089
CUST_4320_PI429010886	N16505	0.037031	15	18	524914725	PREDICTED: zinc transporter ZIP10-like [Aplysia calif	Transport	Ion transport	1.02E-07	18.18555	19.03069	20.43255	11.09239	12.53746	19.12737	7.138401	6.62402	6.684024	17.61145	24.3983	13.51055	14.89135	16.81213	11.70041	23.51171	13.02142	16.21134	20.93844	16.8622	19.89057	18.13226	18.86017	9.139595	22.96785	16.74068	16.90667
CUST_44806_PI429010886	M67052	0.037039	18	3						3087.397	1104.958	598.6499	16707.04	6350.776	21810.18	12697.77	4144.215	2684.729	52.78657	9855.517	7.757233	2101.303	1106.54	1837.915	1198.309	14583.52	13673.74	5113.292	241.4042	10200.91	2695.193	13030.53	19357.18	338.8337	6563.249	34.11542
CUST_16084_PI429010886	N35629	0.037049	21	0						107.0174	113.3559	110.5556	85.66826	90.84494	84.34439	78.21989	90.6343	71.35403	105.7587	87.44346	105.19	66.22546	85.58471	73.00251	100.2834	104.1782	79.71189	122.5481	81.69291	85.6898	85.82609	115.6651	94.72175	78.83809	69.04216	90.47199
CUST_19892_PI429010886	N42398	0.03705	18	3						9.228812	11.08009	10.25265	11.69128	33.80907	19.84931	NA	NA	14.61919	7.738172	8.768772	NA	3.977959	20.25021	4.128195	4.791154	7.155832	8.723307	15.13462	4.622331	11.47799	NA	7.88778	32.26103	4.378214	48.49058	15.93774
CUST_11798_PI429010886	N28419	0.037064	18	3						7.808479	23.78457	NA	61.27293	10.40896	19.8522	8.315583	13.63796	10.03833	4.06003	3.952125	7.865975	4.812279	7.319807	16.50592	31.47618	NA	8.236094	3.615981	NA	13.75242	12.97654	9.633666	211.5114	10.09605	36.70412	6.13761
CUST_9283_PI429010886	N24369	0.037068	24	15						552.7878	677.3854	773.1832	444.9718	488.4404	613.4417	439.2849	516.8489	440.5078	711.432	606.4913	762.5883	278.5157	624.8531	588.293	803.3312	784.2356	862.1393	741.9924	597.3714	540.7565	827.8275	397.8439	475.7608	900.1864	499.3294	731.0066
CUST_2948_PI429010886	N12203	0.037069	21	9						1599.783	4353.113	994.7785	2693.745	2247.598	1409.58	987.1593	87.50342	909.4624	1950.603	1263.014	2516.877	1877.805	2370.125	2465.06	4676.187	NA	2567.686	641.5416	4058.299	1428.149	3589.587	880.6305	1380.113	2750.47	902.7962	487.6477
CUST_29448_PI429010886	N59876	0.037097	12	12	242016983	hypothetical protein Phum_PHUM412790 [Pediculu			8.17E-17	61.19321	26.63022	NA	53.76892	30.48607	61.25018	48.3768	43.53241	36.78858	17.17494	9.751886	6.900525	44.1334	14.63709	32.81834	26.60013	47.24387	29.12246	34.49959	19.06272	18.99046	24.11521	16.65145	42.7436	35.34998	19.39602	13.10007
CUST_16798_PI429010886	N36888	0.037103	15	12						32.71054	37.818	38.16452	36.98363	33.42509	44.03947	29.58843	33.01824	32.03971	40.77403	31.64376	37.95647	30.88587	50.18617	40.24278	38.22991	36.06457	58.20366	34.2549	38.33878	35.45648	25.75422	36.63133	28.4998	42.16582	32.99565	38.88459
CUST_17727_PI429010886	N38486	0.037158	24	0						20.22864	19.76676	20.55453	20.2329	18.84163	20.56557	17.0998	19.6916	13.69236	16.83181	15.06859	15.93149	15.06535	16.03903	8.98024	22.73086	19.83086	23.26561	17.83033	18.26586	20.36313	21.19536	15.56605	16.97579	22.32278	16.43932	27.41751
CUST_40556_PI429010886	M55451	0.03716	18	15	327259240	PREDICTED: ATP-dependent RNA helicase DDX24-lik			7.42E-22	13.69402	22.64182	19.6594	11.70937	13.532	7.254393	16.57948	18.689	17.76635	35.59734	17.02546	10.32521	18.90163	17.37315	16.45281	26.61953	18.76417	17.16641	13.30289	22.9227	21.08658	13.19382	15.20148	9.654274	22.16225	17.26212	33.19093
CUST_13044_PI429010886	N30487	0.037179	12	12						90.17193	117.863	74.71666	89.48953	89.59424	86.94051	69.4087	73.18236	80.72822	98.00231	97.6483	152.3559	120.7171	122.3609	112.6894	127.0971	67.5589	139.1997	99.22324	134.3348	78.12789	90.6343	97.38686	87.45287	110.4846	90.72052	98.88783
CUST_30752_PI429010886	N62561	0.037187	18	12						127.6888	136.5699	155.0302	117.9497	128.7368	131.838	126.5542	123.5891	142.4711	158.2442	116.3422	165.1224	166.5598	173.5211	161.9593	166.8022	153.3324	140.5313	138.4956	166.6587	169.847	123.321	145.8314	125.408	188.4563	120.4034	168.0579
CUST_26342_PI429010886	N54078	0.037211	18	15						9.947764	6.606849	10.18199	8.32722	8.055935	NA	NA	3.727813	5.11464	8.137781	8.046291	11.68572	NA	11.9678	7.299608	13.36038	10.07859	36.82429	8.338462	NA	5.162518	10.644	NA	3.388341	6.46725	NA	10.16697
CUST_5465_PI429010886	N18741	0.037224	18	15	345491979	PREDICTED: hypothetical protein LOC100678008 [N	Signal transduction	Intracellular signal transduction	3.94E-26	1646.767	1719.247	1604.147	1066.79	1267.407	1204.562	1212.358	1331.49	1067.598	1964.934	1610.651	1572.497	887.5191	1497.781	1366.025	2093.981	1795.627	1998.595	1494.238	1774.043	1368.295	1990.565	1164.641	1321.214	2326.832	1408.714	2027.433
CUST_4084_PI429010886	N19570	0.037236	15	3	443695706	hypothetical protein CAPTEDRAFT_227200, partial [			1.31E-22	114.6697	72.17688	164.5164	106.1066	159.2768	130.3926	163.569	72.18474	87.60236	71.27533	174.9558	56.24468	70.20247	62.85713	84.55489	96.75892	194.1149	104.4835	146.502	96.21715	151.1844	97.79572	163.2888	199.0448	73.27672	52.11324	79.93349
CUST_14912_PI429010886	N33677	0.037246	18	6						81.4164	125.751	589.9381	187.5065	182.0483	173.2729	534.2439	918.3868	509.3966	579.7012	313.4993	259.3271	663.4104	924.8591	257.9077	166.9427	792.7128	132.4059	180.0476	139.8013	245.2785	333.1118	520.7262	115.7777	736.5339	294.8062	668.8781
CUST_34797_PI429010886	M10701	0.037294	12	3						131.7341	83.5291	18.75909	235.9095	191.6952	286.8668	154.0476	122.7816	56.12021	14.32775	61.40781	6.601733	152.1158	13.14141	87.6188	61.40092	205.9692	147.7053	137.687	16.34119	39.35128	62.00083	27.14357	187.6821	26.71388	144.9791	7.553772
CUST_4453_PI429010886	N16787	0.037297	21	0	321470214	hypothetical protein DAPPUDRAFT_317955 [Daphni	Developmental process	Multicellular organismal development	4.46E-15	260.5944	301.5058	281.3948	170.2284	288.1636	238.5792	195.9585	136.7554	192.1486	214.2583	129.5087	214.6655	126.6662	199.7685	168.58	402.0451	172.7709	311.2463	180.5686	274.7936	210.6087	406.8847	190.0645	221.873	265.0157	178.862	211.1514
CUST_246_PI429010886	N2999	0.0373	15	9						27.33167	60.67368	47.71977	27.42267	64.66231	24.76741	28.88408	34.57302	68.41788	117.3341	44.34868	126.8447	65.22887	116.4869	53.53627	52.62093	18.28861	49.11313	44.44423	40.59153	57.51717	96.44756	39.37435	24.62928	97.5299	59.46938	130.4973
CUST_8636_PI429010886	N23335	0.037303	24	0						46.52715	44.09799	61.5801	43.53241	40.42785	43.41406	43.06591	41.46823	47.96622	54.96398	58.14321	43.03847	63.91001	57.31513	48.12746	40.15861	59.06419	64.03011	63.83268	59.52293	37.87644	63.37918	52.32373	59.9743	54.66133	72.08475
CUST_1198_PI429010886	N8809	0.037321	12	0						37.87644	45.60489	57.24358	28.51242	38.11258	34.41851	24.23314	27.23432	28.46316	41.44605	48.8169	66.64273	39.23286	52.86329	60.14737	71.2117	37.92303	41.00705	39.49159	36.10137	45.25874	54.71071	43.79745	39.35128	56.87504	43.84173	61.77428
CUST_9737_PI429010886	N25120	0.037322	15	12						17.71924	10.88684	23.1311	17.87663	18.72625	14.32267	32.90861	23.51373	22.74587	11.79192	30.95577	18.82741	26.09533	26.06265	27.51937	28.20146	20.36175	17.22225	32.75472	33.77253	18.17736	21.64092	8.752945	11.14983	21.75179	16.71936	18.13841
CUST_32928_PI429010886	M5500	0.03733	21	18	321464782	hypothetical protein DAPPUDRAFT_214208 [Daphni			8.69E-48	52.45258	76.03079	33.61445	55.64622	70.62647	10.34781	6.62402	4.145387	8.616285	70.85223	47.16106	69.36484	44.22142	60.52796	57.42962	68.81509	NA	29.93503	23.69577	176.3124	93.33448	161.6167	44.21756	31.87606	45.42508	24.16344	18.65035
CUST_4564_PI429010886	N17037	0.037337	24	3						27.33674	32.00727	37.93423	26.81787	36.115	33.1987	29.46873	32.45773	30.21389	30.63369	40.1303	40.33974	38.65189	51.04982	35.48686	44.80164	48.3768	32.64929	17.42213	49.07171	36.4354	102.6772	42.6663	34.84639	28.93983	33.37295	29.76585
CUST_13094_PI429010886	N27269	0.037369	15	12						23.66154	78.00387	18.88563	46.63569	19.96165	24.21798	40.82323	28.1226	80.73902	8.238855	8.995799	6.366804	9.345594	6.282328	23.43573	44.03947	7.26155	28.93966	17.5409	10.44425	12.55627	12.9256	9.4409	14.17225	8.4556	9.2409	31.37421
CUST_54740_PI429010886	M107419	0.037371	24	12						50.85762	38.05463	30.89566	44.11518	38.16452	28.27144	82.16288	65.19644	80.75638	50.03352	78.50617	70.80146	75.16329	65.96017	94.46416	70.94036	87.6112	46.78356	81.55572	101.1328	46.01155	49.55005	64.41009	51.87547	78.32339	47.04186	78.02809
CUST_22469_PI429010886	N47086	0.037374	18	6						15.66371	44.90621	38.33525	28.39147	32.816	42.64305	52.11928	16.21134	65.18101	20.3261	56.30906	56.53393	34.66525	39.94945	12.45682	14.4465	21.23397	44.48344	14.70379	21.26038	62.25774	23.13337	50.06107	78.35921	56.71651	66.84482	75.44459
CUST_36270_PI429010886	M15270	0.037443	21	0	242015484	tyrosine-protein kinase Src42A, putative [Pediculus	Protein metabolism	Cellular protein modification process	8.6E-118	15.79172	11.55822	17.24279	9.262293	14.87074	17.77043	10.88451	4.793305	7.07379	13.20951	5.81607	10.47683	13.43914	8.480876	8.116528	7.596526	5.111572	21.02215	4.854945	11.65616	7.161801	15.51399	15.63968	15.8658	13.85312	7.661152	11.4448
CUST_10740_PI429010886	N26712	0.037448	24	0						57.83187	58.31834	65.70437	57.78122	46.19013	56.70973	57.8814	53.17437	46.26383	58.28332	49.29515	62.54347	56.52669	54.86156	59.31402	63.75313	63.06213	57.80004	62.18234	40.90354	62.96106	82.91863	60.09613	61.46235	68.41788	58.82472	55.44212
CUST_23136_PI429010886	N48315	0.037448	24	21						54.07518	49.86266	91.0847	32.59686	50.84587	54.36604	52.18439	46.25868	44.4356	50.46214	62.92532	76.07766	58.23835	54.80919	55.54708	50.31204	65.79499	61.88462	70.83788	48.60566	70.41805	100.5554	56.40373	77.94557	41.73826	52.47732	56.60227
CUST_47194_PI429010886	M75143	0.037476	18	6						186.6438	241.9211	162.2752	185.6828	168.58	137.1215	154.8105	160.6917	144.6167	226.4213	191.2063	164.9098	181.9242	163.4482	155.7012	278.5157	204.658	196.157	194.4273	165.3955	163.791	246.8318	129.065	134.4388	219.0379	125.8442	158.91
CUST_54131_PI429010886	M104717	0.037478	24	15						61.91569	51.86061	72.2558	44.95044	50.92195	54.87191	43.5437	53.12725	40.59586	69.88371	38.50578	49.36928	60.15341	69.39137	67.7616	73.87582	57.36487	68.2813	61.93065	70.46616	56.17296	51.00123	68.50419	45.22377	85.74608	54.1974	65.93703
CUST_48982_PI429010886	M83352	0.037539	15	12		Cellular Process	Cell adhesion			170.9183	111.3415	153.4856	100.1395	127.1944	137.33	189.8916	134.6193	159.3655	146.1108	110.4128	199.8756	210.2883	224.7458	173.4253	163.3967	222.0782	153.6022	203.4225	109.0002	123.6533	167.0313	123.9578	158.7513	170.2702	101.565	217.9939
CUST_32587_PI429010886	M44967	0.037555	15	12	321474954	hypothetical protein DAPPUDRAFT_309106 [Daphni			8.7E-180	1.400232	176.0509	84.67184	340.5982	418.1195	176.2005	215.7896	1128.807	718.917	153.5334	830.4425	988.77	622.024	139.5129	408.2171	NA	275.6557	1.29E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07
CUST_9442_PI429010886	N24630	0.037627	24	15						35.4058	27.39302	38.62431	29.30133	25.17336	21.2067	41.07674	20.23489	17.17879	36.20575	29.29243	26.64522	28.49553	40.24548	41.8249	33.99233	36.68661	48.17972	43.01496	34.96354	32.01033	37.28683	39.82447	28.22595	33.56673	32.64658	38.92288
CUST_20876_PI429010886	N44229	0.037684	24	3	77743875	Euphausia superba isolate DGGE band AntEuk13-5 [			1.64E-74	37461.84	67084.62	22307.76	45084.56	50017.11	47369.29	36046.8	42714.39	43024.52	37040.41	60957.53	39606.34	58446.35	29992.45	8094.902	24478.23	36912.34	23420.74	35818.08	35362.62	41407.04	44409.28	24478.23	11313.76	40846.53	41266.06	54279.51
CUST_16655_PI429010886	N36642	0.037688	15	12						48.24061	50.40874	55.21295	46.40223	49.49452	47.7103	32.27198	48.40695	50.0808	45.02522	67.32283	57.17501	48.45297	66.65717	59.33007	52.63886	54.3948	56.73383	41.59399	46.07745	53.63219	47.54787	53.90994	48.33175	56.29594	43.71768	57.30764
CUST_54611_PI429010886	M106849	0.037723	12	9						184.0607	141.2095	262.1655	67.10317	144.3428	113.6906	98.75692	68.91937	115.0393	183.5489	218.0605	248.8723	174.8815	104.8392	103.1666	64.73185	153.5041	84.62693	113.9294	134.7752	118.3356	184.9585	141.7485	111.685	168.1071	160.531	165.0799
CUST_50666_PI429010886	M90597	0.037723	12	9						28.82923	29.13814	79.65072	30.98188	30.36422	31.72455	44.90621	51.32239	49.43277	55.0673	65.15734	74.18015	53.8551	43.24561	39.33067	53.56751	54.28784	35.51693	38.13783	54.58347	51.86061	42.87529	65.91381	56.59481	51.64328	35.68582	64.26189
CUST_22570_PI429010886	N47253	0.037723	12	9						285.8605	124.6404	248.7014	137.1215	179.3477	123.9578	112.0774	139.8337	108.8637	213.4377	232.8505	260.9034	210.3335	199.0699	184.8973	202.6837	161.54	126.0286	140.036	146.4231	150.7034	281.8261	241.0332	214.3213	444.3979	170.2702	195.6579
CUST_30802_PI429010886	N62761	0.037735	12	0						61.59565	62.01844	64.88975	39.18988	43.24186	38.81418	45.78676	45.08487	40.08304	60.34181	42.68463	43.49365	49.79493	55.20849	62.28748	57.07016	42.95918	81.58984	45.08487	45.47762	50.69847	63.08907	45.75802	44.56286	59.18336	50.28834	69.40293
CUST_38516_PI429010886	M27604	0.037751	24	18						81.73063	108.3189	74.16318	41.15368	86.71532	63.01798	23.47569	23.1311	38.46426	78.48723	57.96208	141.4128	122.6396	57.04121	112.4734	109.5748	47.43011	134.5271	52.89696	155.7184	133.4505	165.9754	71.58792	73.31065	75.34512	121.7504	101.5278
CUST_38355_PI429010886	M27857	0.037803	15	12						13.44869	14.74437	26.07711	16.74792	7.965022	NA	5.08183	13.05601	11.17351	15.84353	10.01379	18.89922	14.99955	14.85393	17.53618	64.11456	11.59014	13.43528	18.76417	7.155832	15.2636	18.98392	16.23927	NA	15.00168	18.77148	23.9514
CUST_30871_PI429010886	M61	0.037763	21	18		Transport	Intracellular transport			574.2435	714.0634	484.9716	505.3693	500.086	429.3715	419.9089	422.0878	456.9093	706.0046	471.4881	621.2292	501.3373	481.7893	528.7455	797.54	414.7856	497.0198	527.3498	661.3119	584.3722	674.4353	504.2482	480.999	643.3515	412.7593	438.1052
CUST_51834_PI429010886	M95322	0.037763	18	6						3879.679	4729.674	4876.999	4110.832	4839.291	6679.096	6018.766	6128.181	6273.384	4941.562	3699.019	4959.867	3327.699	4803.756	4182.62	3683.38	6116.034	5188.094	5545.717	2892.813	4091.647	4309.606	3879.679	7188.247	6128.181	8745.677	5098.883
CUST_32617_PI429010886	M4594	0.03777	15	9	321455842	hypothetical protein DAPPUDRAFT_302246 [Daphni			4.9E-31	185.5006	121.0016	102.9919	133.7242	176.7991	103.3023	198.5143	311.7466	241.1275	237.7577	348.5888	370.4877	429.1228	187.5374	235.2753	98.32258	210.3335	109.7371	113.976	612.5844	297.3146	145.5578	223.8084	107.9121	105.6225	364.6302	418.2809
CUST_12104_PI429010886	N28930	0.037777	12	0						44.09799	58.41483	69.38283	42.09086	22.64961	43.50773	38.49034	43.44584	37.84181	43.68024	27.80573	55.67313	44.30287	77.10171	59.50688	61.43267	46.75809	43.33061	35.60906	48.16109	46.83381	41.12787	69.9145	39.63814	48.91662	52.71293	50.48246
CUST_17302_PI429010886	N37739	0.037777	12	0						30.86904	23.2088	16.74268	14.31543	17.36105	21.99372	18.6374	7.838281	7.626632	31.66159	11.8786	30.42483	18.27296	16.49701	16.81632	16.30792	8.5134	14.32589	7.176452	10.51343	7.681885	32.93932	11.69762	11.96496	12.01996	17.19879	21.28123
CUST_10964_PI429010886	N27059	0.037778	15	0						86.63308	120.3338	75.56946	68.72308	90.75806	78.49411	62.28748	71.87199	69.98559	83.53882	72.85867	71.03479	52.47261	93.86099	83.95292	82.83897	88.25864	79.62582	96.9916	78.35123	78.26326	87.70762	63.59288	68.38203	78.72104	63.92583	73.21949
CUST_27394_PI429010886	N55968	0.037816	21	9						94.83175	111.8492	79.30391	93.28305	148.3475	71.86244	108.7377	134.7426	126.0286	124.8411	169.3227	159.0362	113.2611	98.75692	51.75281	93.77397	70.28439	73.88403	82.86721	194.1209	107.666	124.7587	46.40223	94.13978	95.81155	107.7642	106.9212
CUST_48479_PI429010886	M80552	0.037835	18	6						39.12009	33.69477	29.02946	47.36571	46.629	50.04999	73.94862	48.44993	49.02476	50.68686	35.57263	51.39386	59.74927	63.96144	68.25442	44.24001	51.11368	30.65462	85.65603	18.11507	34.51534	67.42469	33.6052	30.83942	84.45921	51.75764	80.20389
CU

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_15605_PI429010886	N34854	0.038655	12	0						136.2681	154.8105	162.251	130.3328	109.8741	126.7437	95.97714	95.29429	93.19487	159.6044	129.3158	183.4677	125.0791	150.3171	160.9995	168.3529	99.79034	157.17	106.7511	147.1503	139.1216	163.0075	132.9126	111.6628	173.4736	150.6483	169.5826
CUST_28080_PI429010886	N57252	0.038655	12	0						1715.766	2701.759	1958.473	1948.38	1644.909	1773.273	1335.109	1403.267	1672.079	2142.216	1551.584	2316.991	1687.609	2260.474	2491.849	2456.459	1469.038	1911.091	1594.841	2280.777	1880.44	2547.522	1807.03	1665.986	2704.165	2184.967	2462.824
CUST_46867_PI429010886	M73998	0.038655	12	8						195.3573	230.2864	239.6393	224.7802	124.7036	221.6459	21.85	249.0492	229.4054	428.9575	147.4899	314.246	169.1678	339.5005	260.9414	385.8989	264.6685	226.3675	217.9412	101.0093	206.8341	149.7694	214.1931	114.9009	229.7558	160.295	275.0769
CUST_19106_PI429010886	N40990	0.038677	12	24						16.40616	11.61773	8.593635	12.74489	8.930028	5.841607	13.08017	8.019973	6.36012	14.96828	10.19195	9.070174	20.59519	15.92833	14.31922	19.38333	12.60453	17.00167	NA		6.814705	14.12974	16.13535	34.1704	16.5954	18.85349	8.111614	10.79019
CUST_54873_PI429010886	M108063	0.038679	15	9						192.2319	147.2113	207.5377	159.338	355.5348	228.5019	224.6396	191.6952	205.4212	262.4225	242.7155	262.997	191.886	225.8926	204.0863	227.1802	218.9157	168.1071	251.7868	213.4377	223.0044	341.713	203.8732	236.856	276.6094	237.8874	235.6566
CUST_38749_PI429010886	M29975	0.038707	15	12						7960.065	164.7626	17865.21	129.5554	420.7782	341.7763	11650.8	26858.78	22360.77	25017.78	3440.367	3240.576	20248.42	29378.84	16394.35	684.1373	11864.38	404.8823	7017.655	3610.458	3057.78	9726.619	19224.7	2441.116	20102.84	1522.087	23297.76
CUST_29039_PI429010886	N59083	0.038711	15	12						67.19434	70.32547	66.81883	64.22812	52.38415	53.76881	46.17281	59.22654	66.62755	73.90307	67.69277	82.65719	59.70983	85.38257	78.75847	73.24512	55.45229	55.11221	57.09554	72.3636	57.6895	74.7945	55.98779	67.92832	69.82734	63.64812	73.14833
CUST_9303_PI429010886	N24406	0.038717	21	18						157.9764	167.2066	107.409	148.7446	155.4149	126.1505	104.3886	105.5819	102.5234	121.9257	132.7894	146.6794	130.6959	99.11857	133.2798	164.6734	117.8888	174.2228	136.491	193.556	121.3613	169.8718	107.3035	155.1735	134.2991	110.2442	130.2691
CUST_38464_PI429010886	M27020	0.038726	21	12						15.86933	20.208	16.58665	8.836706	17.79901	12.33347	11.35432	16.7373	17.76828	23.00521	15.78045	33.67567	24.21798	24.07736	18.84499	20.59519	9.801459	26.8901	13.39222	18.67439	22.9275	16.23539	20.5469	19.92471	13.00011	14.84417	22.77856
CUST_34556_PI429010886	M10009	0.038735	15	3						186.167	102.5272	214.6269	132.3396	149.8707	190.62	315.6417	117.7597	125.0791	56.40861	230.2846	55.21772	78.01974	115.5444	74.16318	81.71205	264.026	145.1839	241.2571	78.19261	208.936	86.25852	143.7672	192.7647	62.39032	84.79673	41.01337
CUST_23578_PI429010886	N49058	0.038735	15	0						182.4169	155.2537	208.0738	135.2716	137.3083	157.6076	159.2768	125.3551	133.891	190.62	150.449	171.2286	157.5	162.7472	167.776	175.2355	181.9242	164.6926	168.7959	153.3961	137.0338	164.2928	153.0541	150.9664	172.9946	144.1452	164.7626
CUST_14737_PI429010886	N33379	0.038742	8	15	189239442	PREDICTED: similar to Nedd4 CG7555-PC [Tribolium	Protein metabolism	Cellular protein modification process	9.96E-53	17.25706	21.82183	24.17061	24.09176	20.20177	17.47239	18.21981	19.76039	16.25775	7.810859	17.19336	20.17321	26.34872	20.3261	32.23691	21.43971	28.98746	29.97999	24.05186	46.28376	17.31462	18.40425	17.20887	21.23397	21.99572	8.136532	27.76301
CUST_8353_PI429010886	N22917	0.038805	15	9						76.50308	52.95164	38.73055	75.56946	79.35074	38.29927	78.36561	169.2493	120.6382	78.81351	116.962	155.8377	108.3734	52.99425	76.00655	56.0501	84.65687	31.36464	67.95716	147.2361	98.09433	88.77007	63.105	64.72483	73.18236	117.1213	127.2256
CUST_42139_PI429010886	M59511	0.038811	21	6	75022291	RecName: Full=Oplophorus-luciferin 2-monooxygen			1.95E-10	NA	12.41521	NA	25.80044	29.79322	15.36262	16.16487	90.90134	50.61028	18.66441	37.16027	24.43879	22.41939	7.374786	13.6708	NA	10.03833	NA	8.995799	76.24971	18.2774	NA	9.427695	13.51693	NA	18.56257	27.4118
CUST_36080_PI429010886	M14569	0.038811	9	12						240.2928	371.1996	225.4439	217.1338	216.304	163.8946	143.8657	113.9031	143.9903	220.4105	173.5554	211.1137	204.2904	164.0893	225.5174	305.0243	146.3045	224.3925	190.7563	252.9891	209.83	252.4045	181.1348	163.8946	187.0582	226.3675	236.9243
CUST_40542_PI429010886	M55413	0.038818	24	21	443699690	hypothetical protein CAPTEDRAFT_212468 [Capitell	Nucleic acid metabolism	DNA replication	4.99E-21	80.49518	90.69277	111.7257	80.1769	72.11758	94.5785	75.16329	82.4046	72.6524	101.8407	80.54851	84.77843	82.07629	112.2705	94.27998	112.4734	98.56528	92.89875	92.41138	85.26543	105.6225	104.1327	96.58099	100.4008	110.605	98.41575	138.5342
CUST_31348_PI429010886	M1316	0.03883	12	3						676.1626	400.0206	609.1465	1117.627	722.2644	1105.302	904.602	395.3575	443.0418	409.277	495.7193	218.9512	561.9199	699.845	778.015	684.3658	1180.515	956.1852	1029.814	350.2692	470.0153	665.511	602.1279	862.8974	565.3295	429.8795	341.2566
CUST_33135_PI429010886	M6056	0.03883	15	9	521028669	Zinc finger protein 2 like protein [Myotis brandtii]			1.78E-09	11.73379	14.53096	20.87638	15.06859	4.761352	21.47183	19.58231	17.25706	17.42054	27.69147	33.76983	16.68994	14.14176	22.85699	11.99992	17.73394	19.93518	14.31543	13.64087	18.62971	14.22529	19.97907	28.00895	39.91268	22.20487	35.16159	24.61812
CUST_35908_PI429010886	M13874	0.03885	15	12	321476759	hypothetical protein DAPPUDRAFT_207426 [Daphni			2.6E-167	16.04256	6.78591	NA	7.993052	6.102462	10.54361	6.534722	11.31757	8.048476	8.090428	6.161897	11.64471	13.60227	13.83441	12.73533	14.52959	17.42054	23.01108	3.983369	7.915611	5.015188	15.50513	NA		13.84831	19.5508	14.81438	12.41521
CUST_9363_PI429010886	N24494	0.038874	15	9	512863611	PREDICTED: LOW QUALITY PROTEIN: YLP motif-cont			1.01E-36	4.666535	NA	11.59883	NA	NA	7.696778	4.342682	8.127017	20.52466	22.0997	37.93047	14.92766	4.389591	17.90553	10.8676	12.85526	5.00407	10.74149	9.562437	10.44442	16.43668	13.19581	26.30031	NA	23.41982	11.77935	20.98522
CUST_40905_PI429010886	M56352	0.038875	21	3						217.5886	59.92145	29.69991	1104.361	929.0194	1595.711	1071.809	274.404	137.6307	25.62613	1242.051	16.10523	71.46757	25.61197	98.27597	40.78834	890.3835	409.5769	453.8761	28.11334	1048.763	39.75388	853.9995	987.1593	27.51414	144.0774	95.76592
CUST_39967_PI429010886	M47091	0.038890	21	9						1938.037	1384.084	2973.83	2773.22	2516.877	2712.01	2125.97	2478.692	2507.968	2910.582	2349.941	3327.699	2921.018	3861.408	4080.667	4186.218	2511.399	3158.604	2784.905	3847.06	2563.253	3911.313	2612.527	2612.527	2513.851	2879.829	3124.122
CUST_4267_PI429010886	N16367	0.038895	15	9						164.2928	12.79969	262.997	13.70338	10.90286	7.303907	95.46826	266.2431	106.908	134.486	111.8634	20.95213	74.80865	119.585	48.35952	11.84727	82.929	NA	15.8511	19.20292	50.30627	51.36009	40.01887	44.62585	94.51496	NA	174.0729
CUST_37955_PI429010886	M22454	0.038903	18	3	355344172	Collinia beringensis isolate 12 18S ribosomal RNA ge			8.8E-152	5.747087	NA	NA	46.55207	19.83086	43.88387	5.459208	6.294694	NA	NA	23.39071	6.068824	8.035951	8.706462	12.75297	5.503527	18.06411	NA	14.93582	7.934263	17.16641	27.99312	18.22767	48.09585	NA	19.28281	5.102784
CUST_38966_PI429010886	M32708	0.038917	21	6	321463770	putative triacylglycerol lipase [Daphnia pulex]	Metabolic process	Lipid metabolic process	2.69E-50	7.934263	303.854	122.3609	550.0892	652.2033	264.6314	335.9236	1741.833	1154.447	247.6419	1020.69	1168.111	849.9143	235.9095	521.1997	7.974486	411.6609	NA	200.3686	3003.506	850.7537	5.764682	418.1872	320.5083	21.13287	795.1421	833.5719
CUST_8831_PI429010886	N23663	0.038928	18	0						34.4458	23.28108	NA	21.84275	19.96619	9.078323	14.69744	10.99038	4.454763	20.31875	16.20103	12.03392	12.32915	19.85432	12.36577	17.61017	34.0026	19.78961	23.30079	10.37992	NA	34.03541	13.80323	16.8197	22.07122	5.837543	6.037926
CUST_16013_PI429010886	N35510	0.038935	21	12	345481110	PREDICTED: spectrin beta chain, brain 1-like [Nason			8.57E-51	46.59363	43.14351	47.47127	53.16284	43.58778	52.04012	38.37256	45.63167	36.25388	42.07991	45.64241	36.92111	52.24124	57.30764	58.36968	50.94392	51.06646	60.00077	58.22987	44.4501	52.48792	55.39377	45.12848	42.77863	48.62912	55.13187	37.48336
CUST_51351_PI429010886	M93219	0.038964	15	12						43.89224	66.95495	42.53957	30.98507	40.73202	27.80573	32.55631	37.71676	37.23147	58.36485	38.84241	58.97911	66.92953	48.71321	47.16593	45.66434	52.70102	32.48585	32.13794	50.34321	34.56663	53.29328	38.94819	23.45456	44.99497	48.03764	26.87538
CUST_32847_PI429010886	M5258	0.038976	21	15	356651206	caspase 3C [Macrobrachium rosenbergii]			6.76E-21	27.65371	40.56586	32.81991	21.01979	29.9579	15.24921	35.32612	29.97696	27.36512	31.24487	35.9369	35.9369	35.61182	33.21431	19.58231	52.40666	53.08483	40.08304	60.57719	39.16663	17.3497	72.88198	24.55066	16.96853	60.87936	15.16412	25.99897
CUST_34062_PI429010886	M8639	0.03886	21	18						903.9804	1328.52	1092.486	810.0074	1119.369	842.3459	644.1161	740.6945	746.6817	1271.51	710.6638	1722.719	824.9455	806.0846	1092.486	1210.833	715.3982	906.5131	1082.904	1264.445	1314.431	1508.763	1397.588	951.964	964.5529	694.3101	890.3835
CUST_4116_PI429010886	N16052	0.039009	12	18	166952321	ribosomal protein rpl35a [Lineus viridis]	Protein metabolism	Ribosome biogenesis	1.22E-40	3832.303	5705.785	4083.732	3858.586	3345.256	3306.501	3510.217	3934.354	3929.651	4008.447	3483.315	6483.048	3997.898	3960.835	3517.336	3048.703	2671.216	3543.323	2981.921	5596.154	3345.256	5492.691	3968.239	4041.003	3169.636	5035.54	5349.606
CUST_9524_PI429010886	N24779	0.039065	15	0	307197722	hypothetical protein EAI_02279 [Harpegnathos salt			8.81E-41	2511.522	3113.095	1998.595	3116.138	2509.921	2814.544	1897.37	1679.237	1598.096	2163.813	2092.578	1862.262	2085.292	2270.606	2663.095	2731.57	2169.749	3240.576	3208.657	1886.936	2280.777	2263.289	1839.737	2238.739	2324.619	3154.98	2119.433
CUST_37305_PI429010886	M18552	0.039067	18	9	345479078	PREDICTED: Nasonia vitripennis ribonucleoside-dip	Nucleic acid metabolism	DNA replication	4.6E-73	115.1051	171.8712	104.3393	121.8904	121.0512	66.36423	123.9463	156.6286	140.5892	179.8682	155.3131	175.6284	208.7066	156.3918	145.3261	238.7409	139.1997	120.2795	162.7472	139.4033	118.8413	181.3801	114.2624	81.49546	305.4951	109.1135	165.6901
CUST_4307_PI429010886	N16464	0.039069	15	3						3934.354	920.7129	47.69448	1471021	5009.146	28551.51	5688.498	8046.364	2123.129	5.529046	1430.089	NA	4876.999	15.98124	2562.095	48.62311	10348.94	11524.4	12983.85	NA	1571.524	8.396527	452.0017	8436.312	7.311535	13104.17	7.088352
CUST_23163_PI429010886	N48362	0.039094	18	12			Transport	Ion transport		5769.917	6794.71	7347.807	4613.187	5336.786	7273.892	5681.469	7026.307	8414.501	8086.505	5520.509	8278.281	7890.624	8504.473	10387.85	8461.907	4876.999	7119.249	6621.858	7536.588	6359.374	6925.74	6336.037	5774.702	6407.392	10899.12	8196.001
CUST_29149_PI429010886	N59289	0.039095	12	0						167.4333	151.0368	170.3395	147.341	153.1511	241.4042	128.8389	140.4956	160.9995	164.8776	134.8756	211.9851	162.4876	198.2178	153.5542	122.3609	159.948	193.3347	141.6349	127.6161	160.6252	171.3142	161.3901	165.6637	217.5163	242.302	196.9122
CUST_34644_PI429010886	M10022	0.039096	24	0						175.1768	232.9174	131.3133	119.3927	145.0637	133.2626	150.4117	113.9294	156.5024	173.9115	138.5194	145.794	135.7103	137.4175	129.6421	185.2951	109.0596	149.5977	109.399	178.8016	138.5342	185.6237	176.2631	149.6919	196.9351	212.7445	259.0023
CUST_8478_PI429010886	N23100	0.039109	15	3	405965651	Mitochondrial sodium/hydrogen exchanger NHA2 [	Transport	Ion transport	1.07E-27	86.65167	22.45787	92.30386	44.62585	84.36786	102.477	147.6693	37.56967	21.18145	18.14003	107.409	NA	20.09831	16.19147	21.38676	22.44161	159.5474	37.9742	176.3124	30.66803	78.51483	18.15598	100.6291	87.49111	15.12815	27.67518	11.93121
CUST_19406_PI429010886	N41524	0.039112	15	9	443732030	hypothetical protein CAPTEDRAFT_222010 [Capitell	Transport	Other	3.45E-28	60.10166	60.35512	53.78964	55.81794	58.0645	94.84242	80.24894	76.84997	76.17525	70.61376	72.3404	107.6007	65.31793	79.23712	57.86841	93.67476	56.80303	79.21992	71.2192	69.50944	69.34114	90.21463	67.71736	67.48171	90.92371	93.67647	91.94088
CUST_2764_PI429010886	N57189	0.039120	15	12	383862764	PREDICTED: uncharacterized protein LOC100875882	Nucleic acid metabolism	Regulation of gene expression	8.99E-61	9.048255	12.0262	15.83559	8.057073	5.622844	9.315276	11.49641	5.958556	12.66068	4.805296	6.606034	12.66619	10.44442	22.08651	11.89031	28.04382	8.287204	16.77519	12.64721	18.56351	12.84871	19.11245	7.8805	30.90546	11.7204	15.47775
CUST_47624_PI429010886	M76943	0.039136	12	3						349.978	380.2117	95.46826	780.9267	292.3676	1091.604	695.1115	385.6213	499.2279	277.7171	388.1247	53.50545	289.0715	276.2073	274.0681	218.3262	517.1879	408.6642	503.4817	344.9738	493.9819	655.7469	145.6855	359.57	204.8186	458.895	51.95466
CUST_54359_PI429010886	M105717	0.039138	15	6						275.2679	42.80091	541.7506	345.5168	370.8487	458.9977	493.0904	558.0588	141.3981	45.88252	189.684	6.594234	59.26817	27.14607	39.30599	NA	205.4682	NA	242.6521	3.972829	377.6826	NA	380.2117	495.7193	NA	3.774135	4.675508
CUST_30773_PI429010886	N62640	0.039143	24	21						34.29722	28.57866	31.8793	27.09386	23.31758	17.08222	22.0851	17.58365	24.75742	23.60773	20.91693	17.15304	21.5046	44.66782	33.49263	31.80677	23.35894	17.61934	33.15216	21.7968	33.7899	28.15071	36.78203	27.4471	33.45456	19.15208	33.26462
CUST_40955_PI429010886	M56475	0.039148	18	3	345497413	PREDICTED: hypothetical protein LOC100114875 [N			9.43E-49	328.5456	531.9567	417.1018	728.8915	543.0155	637.0757	358.225	272.4368	342.4321	424.2638	222.6303	546.5203	256.7514	459.5005	269.1618	447.2563	158.8254	380.0505	201.3867	212.1377	613.0465	523.093	600.1331	374.3698	512.8422	661.0472	269.0306
CUST_42893_PI429010886	M61533	0.039162	12	3						239.6059	80.25744	145.749	339.5005	320.2376	600.1331	346.7104	154.222	79.35074	44.4501	284.5979	75.10926	118.9193	40.40681	112.3183	74.29802	602.9273	364.0324	491.9013	51.36601	309.3892	48.44993	334.2433	364.1216	50.7592	253.4186	42.08627
CUST_8017_PI429010886	N22425	0.039162	15	3						59.99556	27.16781	76.40353	63.85255	72.6348	140.5991	113.4366	41.84077	23.06972	20.65041	88.95458	35.81535	27.4471	26.06598	19.6198	53.63782	108.1041	71.97535	180.2796	21.28517	56.32248	36.19875	65.18101	93.19487	21.84275	32.95758	8.246449
CUST_51196_PI429010886	M92556	0.039165	21	0						13.28156	19.16559	14.02745	8.648968	10.83953	10.22956	11.33051	14.56893	10.99038	16.8622	4.035717	8.688469	10.12007	8.863586	9.985243	14.68167	8.877949	NA	15.41448	13.13833	13.20796	13.27508	22.03029	16.36632	13.79851	7.240943	9.275747
CUST_17521_PI429010886	N38110	0.039213	15	0						68.03939	62.86517	64.28764	33.17446	43.37513	58.08045	33.52618	32.17709	50.8107	50.76225	42.02786	66.37222	40.03501	47.80852	69.67377	53.17877	52.73715	60.12109	44.70035	52.88574	48.67019	24.05405	44.67201	53.23845	48.27575	40.32087	41.69983
CUST_39614_PI429010886	M41175	0.039264	21	12						396.1411	400.5981	464.8475	339.6071	364.8104	366.0867	357.4809	360.4943	380.9707	455.5337	347.2399	416.2434	382.0118	492.3863	434.1796	469.7466	426.1917	408.4268	497.1092	397.6284	411.8306	482.0325	391.9306	402.0325	395.4724	512.7288	
CUST_51705_PI429010886	M94646	0.039272	12	9	260823076	hypothetical protein BRAFLDRAFT_119786 [Branchi			1.76E-29	23.60773	16.15388	18.19988	11.99669	11.94615	11.03039	25.15661	9.308024	23.56736	18.54155	13.37838	33.34314	21.90983	13.8146	10.31132	23.26041	7.64912	23.96961	15.39724	25.45947	29.63396	200.4301	31.86956	38.56828	14.1264	21.036	31.97801
CUST_5123_PI429010886	N18288	0.039272	21	18	541906833	casein kinase 1 epsilon [Eurydice pulchra]	Protein metabolism	Cellular protein modification process		781.4539	538.8855	841.0533	460.8905	513.6672	490.2884	625.9634	512.6993	586.0335	614.705	664.7021	655.5465	494.3438	648.7533	557.1607	635.437	790.7325	566.7662	683.5585	556.7295	700.4893	622.3874	755.8427	803.5259	588.293	521.963	555.7341
CUST_56264_PI429010886	M113307	0.039275	24	21	91079024	PREDICTED: similar to predicted protein [Tribolium			8.58E-35	71.45222	84.19357	82.32602	70.169	79.18359	65.30029	42.69298	65.14347	72.91578	73.97012	69.20227	90.8645	55.82371	73.63983	69.37437	97.74764	58.05303	76.30835	77.69279	83.20205	68.52038	89.33478	110.6986	71.54826	88.4815	67.71039	84.09478
CUST_35427_PI429010886	M12543	0.039275	24	21						229.4944	267.8998	322.9274	261.2742	207.7149	289.7899	172.5457	178.6581	224.0471	244.775	153.7558	319.0748	198.7745	265.0157	280.2255	358.6229	218.8408	252.3543	271.8242	224.0801	250.1141	295.8079	304.9967	270.3602	287.6725	336.682	279.5177
CUST_47734_PI429010886	M77369	0.039275	24	21						331.6154	274.7936	342.3707	278.0457	293.6394	310.6611	291.1029	252.8082	257.8206	301.467	351.1194	367.4512	246.2258	303.6686	210.2047	309.8951	285.4947	292.7227	284.6976	369.6879	344.0991	357.7037	366.3446	363.3814	354.5586	270.6283	428.1275
CUST_32569_PI429010886	M4455	0.039282	18	9						922.2736	1149.925	2012.591	154.8286	125.6673	31.63804	787.7599	3549.404	4571.032	2370.125	1236.256	2953.556	2112.767	1937.537	2041.736	581.8912	1472.72	236.0009	864.2169	4738.823	983.5467	1087.079	2774.636	126.8312	2500.44	1075.314	2288.66
CUST_48686_PI429010886	M81626	0.039282	15	12						368.3133	1059.331	549.0001	274.9598	348.6809	168.8733	864.8993	583.066	1269.191	1027.997	526.8072	953.2915	1481.812	1487.266	1102.647	2022.724	612.1213	873.8827	463.9991	1914.117	517.4057	2012.591	1739.21	1470.792	5744.456	1119.369	5824.829
CUST_703_PI429010886	N6835	0.039282	18	9						960.3576	1277.616	2066.68	160.8449	118.1621	37.74785	770.9286	3855.839	4711.518	2520.419	1294.709	2890.576	2276.234	2374.602	2189.348	640.0171	1552.183	189.3158	924.5282	4186.218	1021.127	1058.251	2945.87	123.2134	2645.933	1317.659	2112.767
CUST_21718_PI429010886	N45730	0.039378	15	12						9.772631	7.527497	8.542776	10.91573	9.118641	11.29173	10.83951	9.14409	9.166269	6.049495	12.35967	17.31011	13.05601	13.96779	10.07219	14.81603	8.21035	20.88461	11.58515	19.11245	9.7805	30.90546	11.7204	15.47775	12.21818	12.17188	12.71288
CUST_53636_PI429010886	M102588	0.039387	18	3						5.462213	18.56257	12.91769	11.00169	6.86682	15.21068	7.509358	13.41075	10.95668	9.48088	11.1247	10.99269	4.405905	3.707188	NA	6.461537	NA	4.080756	8.510732	7.70702	17.74139	13.92466	30.3611	10.64869	12.8699	8.840456	5.563346
CUST_31646_PI429010886	M2047	0.039395	24	9	189240635	PREDICTED: similar to AGAP009835-PA [Tribolium c	Transport	Transmembrane transport	9.8E-76	33.93687	39.40978	28.23857	50.8634	49.37977	25.14127	42.11302	106.3333	56.99751	35.12261	117.4327	105.8112	94.83175	28.13108	49.14494	39.0395	17.68083	17.67291	23.27942	163.791	37.30131	33.95071	21.53219	29.8311	15.24047	51.28805	42.74724
CUST_29941_PI429010886	N60855	0.039409	24	9						19.62227	21.30938	20.1457	17.99464	11.75215	22.91218	23.51373	15.97793	23.40583	28.44656	24.62356	21.75179	49.89799	18.11507	23.41598	14.07874	14.67473	18.96864	5.51219	33.37295	6.965876	12.34018	29.78998	7.074973	15.02993	8.663836	14.46019
CUST_48474_PI429010886	M80505	0.039425	24	21						134.0378	181.6996	225.8046	127.0345	171.427	186.3412	142.0255	162.9163	134.4036	138.6787	129.2905	98.46582	160.0314	207.6805	118.2155	173.9653	140.5991	181.7533	157.0892	163.0075	196.5633	197.7844	186.5931	171.8712	218.3262	116.7026	238.5428
CUST_31621_PI429010886	M1985	0.039438	12	9						140.2611	170.2702	115.0699	79.0521	70.53195	83.25716	79.94364	83.56086	97.07573	117.2428	97.20572	130.7948	123.669	92.31619	82.26332	70.44162	81.87168	83.64909	53.26328	239.9876	73.30133	118.7738	135.1423	97.78298	107.2622	98.6386	69.54952
CUST_14031_PI429010886	N32208	0.039438	12	9	242003995	Sorting nexin-9, putative [Pediculus humanus corpo	Signal transduction	Cell communication	5.19E-29	38.49435	34.41169	32.62278	27.32583	31.39582	28.59435	35.84962	25.56096	37.43755	49.18419	38.29585	33.19476	30.33523	31.78038	34.35393	37.04426	30.41187	28.55509	22.57964	36.93108	36.77308	41.9571	43.48424	31.40253	40.14648	39.99252	29.81183
CUST_20502_PI429010886	N43568	0.039438	12	9						5.642111	22.54108	11.45279	18.11915	13.98352	9.800176	17.92979	15.18207	13.82413	28.26641	19.20978	19.7328	19.90878	13.77454	19.46511	16.36491	9.385032	9.472519	20.82676	17.55503	15.04503	15.036	23.37181	18.71355	13.95252	18.18793	19.95383
CUST_17677_PI429010886	N35615	0.039439	15	12						27.68104

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_11153_PI429010886	N27355	0.040151	21	0						638.47	659.6239	496.5233	456.0552	432.6248	348.2614	326.6284	342.1732	334.9967	568.0071	470.4395	540.3776	482.287	525.3464	420.8347	678.9878	412.2515	407.3532	433.2734	583.2176	531.5557	596.4585	528.2448	433.0079	554.6572	556.906	500.086
CUST_15470_PI429010886	N34629	0.040151	21	0						548.7959	901.5294	722.796	622.3874	596.3171	618.1584	498.3855	568.9937	601.5918	637.2498	546.956	525.2083	643.2335	601.0454	557.82	559.0577	550.9319	666.6962	597.939	708.7623	627.8304	780.6851	618.6744	636.6917	771.6454	365.1838	762.0199
CUST_19767_PI429010886	N36015	0.040151	21	18						18.59683	32.38846	16.02537	11.13485	20.66296	13.57374	11.30106	15.51771	20.45683	32.99167	26.24834	29.03947	23.85638	26.72979	31.97801	32.26019	14.75825	39.48402	27.98319	22.33012	36.89165	32.3288	23.40827	23.77247	30.19101	16.82979	44.2637
CUST_28507_PI429010886	N58083	0.040151	21	0						87.57209	76.88221	71.18669	83.16839	77.55826	56.37885	59.30066	61.91569	61.54664	53.55772	70.72361	65.38596	55.6932	103.0385	68.90417	97.80592	57.32582	73.93015	57.37114	86.9841	75.45183	79.21992	83.41229	83.07834	63.46235	86.14614	62.82655
CUST_41416_PI429010886	M57682	0.040169	15	0						187.4537	164.0893	161.1265	115.9016	151.5201	143.9734	148.886	143.9244	124.6867	178.9487	157.9764	145.6295	108.3189	160.2216	121.5472	203.453	199.1974	172.213	184.2011	142.6158	152.8002	146.2229	146.902	133.5211	231.1582	141.0258	154.1139
CUST_45880_PI429010886	M70604	0.040169	15	9						659.1977	805.0049	810.6402	656.7764	572.181	624.2921	550.0892	691.5947	731.0066	886.3986	688.5897	1003.547	704.1186	837.1072	822.5821	953.5865	661.9537	724.3304	722.474	776.8406	659.8695	929.2639	715.8969	600.7483	975.9966	701.8561	939.4252
CUST_34177_PI429010886	M8958	0.040169	15	0						182.8782	201.1997	187.4537	169.9162	193.8001	147.2543	166.3173	159.2586	133.3139	189.0589	174.9214	176.885	137.8443	161.1033	146.6394	194.2624	212.4411	178.2181	183.5489	197.122	163.3967	181.7276	157.5503	136.7329	205.1599	140.1157	160.2021
CUST_2574_PI429010886	N12675	0.040169	15	9						896.5197	650.8924	640.4514	717.1047	800.6579	629.6206	602.9273	581.5974	926.7413	988.4432	496.1582	1214.293	874.9124	781.7106	678.3407	994.0668	455.0936	669.4372	501.0805	637.7954	630.6794	1197.469	704.3489	681.1329	1091.244	1373.036	1256.084
CUST_3038_PI429010886	N13655	0.040169	15	0	242021782	conserved hypothetical protein [Pediculus humanus	Metabolic process	Other	1.92E-40	227.7485	224.668	192.0579	186.2827	192.557	193.8995	170.2702	184.4143	168.0847	225.2988	163.2245	193.8001	146.9171	153.3961	194.0962	262.4225	205.078	200.7871	202.3386	224.9139	187.6821	200.2689	155.0892	145.794	223.1189	168.177	168.329
CUST_3245_PI429010886	N14095	0.040169	15	0						5800.891	8147.956	7568.915	4427.545	5396.825	8391.959	2363.842	2230.655	2975.526	2829.871	5498.252	8265.934	1421.097	5613.6	4253.825	6879.978	4114.35	7347.807	3921.02	9882.018	6033.954	4859.11	2911.974	2988.348	4696.717	6247.817	4427.545
CUST_42219_PI429010886	M59713	0.04017	24	0						41.92727	71.93323	95.368	42.69742	50.17569	64.79479	37.65902	46.78356	43.44584	43.82228	54.84373	46.93642	42.98911	35.73252	52.05083	42.242	35.8423	51.48154	46.83381	48.69863	43.52397	48.59055	41.01917	53.89507	58.05303	53.31549	68.25442
CUST_47501_PI429010886	M76361	0.040185	12	3	321469585	hypothetical protein DAPPUDRAFT_318494 [Daphni			1.29E-14	94.48599	60.5059	48.22578	146.3509	119.7932	114.3743	109.9853	83.95292	46.55609	53.26328	70.15478	29.40744	84.25035	72.82575	41.28967	90.49352	105.9897	92.13028	121.8737	86.95691	40.96307	145.9616	25.99016	61.96298	108.9509	51.36601	29.83725
CUST_48671_PI429010886	M81571	0.040185	15	12						59.00876	75.79683	51.44191	62.53094	63.94078	47.51659	41.18311	52.24698	44.13738	59.84297	31.5882	62.22607	66.12938	56.54516	65.83024	82.55661	52.63381	70.7113	48.10026	55.72398	31.45667	47.8959	60.41993	40.89895	67.04072	44.7891	56.93106
CUST_46856_PI429010886	M73959	0.040188	24	21						44.91149	46.36775	45.3644	41.27063	39.97721	33.22111	25.80604	28.93334	26.54351	52.17339	32.2878	41.8585	33.91698	43.80188	46.80174	55.26178	28.22043	41.89757	51.23628	27.93572	39.8936	55.84573	55.38718	32.09117	49.93988	33.89729	51.14708
CUST_3952_PI429010886	N15649	0.040188	24	6						117.2732	82.9851	159.5474	40.47688	73.34493	86.59518	123.7264	173.3717	99.30005	171.0565	91.20024	71.02655	93.36286	58.87771	65.57569	71.18045	81.84143	66.14351	113.3684	50.18155	45.68153	37.60789	78.40746	56.42615	95.67336	49.61333	91.87634
CUST_11247_PI429010886	N27507	0.040188	24	21						191.4774	212.1377	193.4709	207.4667	176.6255	97.68675	152.263	142.7716	152.8609	234.853	179.9528	234.5938	161.9364	220.2915	166.9686	306.2123	165.1538	202.1751	193.4964	167.2954	210.4274	241.1275	214.3213	205.909	226.242	164.4185	184.4394
CUST_42384_PI429010886	M60150	0.040192	18	15						252.0883	266.1879	190.8837	172.1642	214.6655	206.0341	178.5202	143.124	177.8158	259.8087	208.8382	279.5177	190.7327	241.8211	221.7682	296.1446	197.7278	260.7005	208.39	239.1825	200.041	287.1125	206.469	195.9052	221.165	174.5081	206.0341
CUST_34040_PI429010886	M8570	0.04021	18	9						31.20492	73.51179	64.00351	26.07952	38.1318	32.858	24.5797	42.00978	29.50356	68.61799	35.91157	66.07282	42.74724	48.05852	46.12938	55.75917	29.28851	33.51452	36.05492	37.58456	35.19595	38.22525	28.68856	28.06711	56.34897	38.24304	46.32451
CUST_35175_PI429010886	M11808	0.040226	18	12						160.8227	166.1651	172.0048	184.0607	136.3926	140.2437	155.7882	172.7709	165.4769	202.7268	168.032	202.438	168.5282	240.9894	192.7945	204.9855	147.3848	179.1629	159.5684	203.482	155.8809	182.318	158.2045	149.8948	186.7272	274.6475	169.1739
CUST_1854_PI429010886	N10891	0.040229	24	18						72.90791	83.83314	97.4551	89.38803	81.34562	50.99115	71.80124	72.88198	64.26189	86.93205	68.71451	84.43869	80.26839	81.73916	77.80891	89.70412	70.47896	76.70634	88.55995	89.70412	95.54049	101.6948	87.51279	75.74491	110.8879	82.22696	107.2382
CUST_49644_PI429010886	M86524	0.040229	24	9						8.724159	7.161801	7.625766	8.572306	9.995172	NA	6.238311	18.82741	17.25469	10.47683	27.76033	34.71503	11.82733	11.4747	7.07379	9.691153	5.546661	3.737061	4.390741	34.88082	10.03121	NA	21.82017	NA	4.664693	14.85468	17.01358
CUST_21065_PI429010886	M44559	0.040395	24	3	321473698	hypothetical protein DAPPUDRAFT_194445 [Daphni	Metabolic process	Ribosome biogenesis	2.23E-07	83.57768	108.0608	74.08523	83.21112	88.78823	58.40782	55.87623	87.42512	86.25852	93.00061	79.80104	99.52485	108.1195	96.07604	92.70294	113.9294	112.0003	109.8902	70.82822	76.25978	77.28747	101.3798	93.04088	77.2785	93.62306	57.94335	90.11072
CUST_25751_PI429010886	N52991	0.040319	21	3	283854609	DEAD(Asp-Glu-Ala-Asp) box polypeptide 5 [Macrob			3.44E-44	8.368824	23.531	27.58334	55.35407	15.65986	27.99024	12.0315	11.55822	16.11829	14.39423	13.13021	NA	14.07874	12.82841	20.70392	18.36165	8.991035	11.15284	10.14024	16.22239	13.25045	18.55819	24.14057	19.93792	34.16228	30.64706	13.12172
CUST_1500_PI429010886	N9832	0.040339	21	15	158830131	tetraspanins-like protein CD63 [Fenneropenaeus ch			1.62E-51	25.11237	6.848027	20.13696	14.11161	8.777159	11.56285	23.96699	16.11829	12.502	9.977459	17.31897	12.34338	68.52849	14.12974	17.9819	63.96144	13.13021	23.39071	20.6453	4.587142	NA	14.8651	23.4129	14.57957	7.902818	7.451482	9.230112
CUST_39281_PI429010886	M37163	0.040341	21	15						952.3475	1290.993	1656.441	609.0182	879.939	901.1709	1034.677	907.7978	1076.18	1010.552	979.7027	1039.457	1193.503	1061.893	877.0953	1162.648	972.7549	1060.588	728.657	1387.967	869.5437	1085.118	861.4839	730.2123	732.8997	696.3149	775.9372
CUST_17930_PI429010886	N38855	0.040341	21	9						29.19475	41.39686	51.96426	89.6226	180.1028	56.48454	87.899	143.3629	117.8313	45.48365	61.8822	265.3779	268.7796	59.1427	145.7071	41.95242	134.9314	43.86454	37.54075	731.4443	175.7782	32.36995	98.51875	86.82244	46.0364	110.2618	146.8007
CUST_42510_PI429010886	M60467	0.040376	21	6						81.17779	82.91863	124.1661	129.4503	149.7905	43.57816	189.3158	408.9972	338.1543	120.1371	343.9276	258.2663	308.8946	110.6986	164.7416	87.65825	85.10975	42.97599	117.3497	585.2479	144.1866	180.5428	108.9026	57.42327	71.67319	260.0114	272.9055
CUST_42259_PI429010886	M59821	0.04039	18	9	321452138	hypothetical protein DAPPUDRAFT_306997 [Daphni			1.87E-57	286.6682	381.5724	353.5438	257.2859	323.1264	235.9573	267.619	258.6664	292.1935	456.7992	460.5023	307.3807	378.7197	319.2197	361.0091	350.4435	206.4448	250.9845	429.1228	297.4787	344.9163	303.9813	186.4327	130.8825	219.9975	264.7036	327.9176
CUST_21065_PI429010886	N44559	0.040395	24	3						41.27857	16.40268	NA	46.33014	15.89011	56.1387	42.23748	31.95513	28.7982	7.860635	13.68168	7.059957	29.36926	NA	21.99145	15.87262	7.915611	11.03659	8.003112	8.697209	14.27082	14.65365	NA	31.42286	4.654918	22.78989	8.979148
CUST_13004_PI429010886	N30426	0.040413	12	0						13.90831	20.72239	19.21235	20.92107	10.02007	10.78602	9.457848	7.297269	13.01026	14.43577	12.42241	17.32922	11.75341	20.65497	18.55819	18.65572	18.1433	15.62332	13.57358	9.13082	10.95448	27.14667	13.56226	13.8397	13.76394	14.27562	23.82568
CUST_20000_PI429010886	N42619	0.040413	12	0						1274.119	1721.92	1445.235	1208.768	1137.521	1256.992	949.8478	959.2541	1274.525	1426.122	1039.842	1524.773	1131.289	1533.433	1569.266	1703.869	939.7655	1149.925	1052.869	1517.877	1187.098	1513.56	1197.011	1090.456	1458.041	1594.841	2016.816
CUST_23053_PI429010886	N48175	0.040413	12	0						1687.609	2110.744	1480.417	1565.628	1813.091	1964.934	1338.117	1101.728	1542.825	1639.617	1461.877	2563.253	1567.155	1778.896	2579.022	2761.396	1512.912	1935.871	1194.964	1832.42	1474.289	1882.712	1576.033	1513.56	2123.129	2456.459	2324.619
CUST_29389_PI429010886	N59767	0.040413	12	6						18.88046	36.40882	14.26332	33.21431	19.46629	36.16806	59.30743	41.18311	36.52603	39.17072	29.17928	24.58529	22.4434	29.98387	20.29145	43.09498	39.90155	23.12649	55.88131	10.99994	63.52108	48.73587	20.74695	17.7744	23.32541	19.91592	21.05341
CUST_1912_PI429010886	N11042	0.040423	24	21						59.56411	67.84362	80.97211	23.19661	44.04347	51.88107	44.4641	54.38941	63.29578	64.49483	33.22506	24.35681	42.29018	59.18336	37.78218	58.78466	74.86726	62.98504	62.54934	53.21879	67.10317	126.5833	92.09827	30.69887	56.33375	77.03965	72.12484
CUST_30336_PI429010886	N61655	0.040446	24	6						350.8381	392.0959	416.7544	321.2041	349.3181	373.6035	324.8235	303.4935	324.8235	420.2091	329.2875	447.2563	380.0505	370.213	478.8398	454.0927	385.7092	382.663	363.2398	467.8704	394.2069	507.2776	406.809	313.8184	418.4668	375.4169	491.7148
CUST_46440_PI429010886	M72658	0.040474	12	3	321449650	hypothetical protein DAPPUDRAFT_120652 [Daphni			4.34E-30	39.11234	18.6269	40.70657	55.74249	45.19753	39.67691	46.40711	19.1562	38.44451	10.90286	28.99306	8.134417	31.24239	26.25499	33.01824	39.48748	58.58633	54.60219	29.45836	13.22412	24.2954	41.06525	26.04992	46.71096	31.19434	18.81492	21.3795
CUST_50604_PI429010886	M90411	0.040488	21	18						30.27835	11.10882	26.60252	7.414036	11.08478	16.10718	15.91213	23.30384	18.10445	16.63993	18.75416	21.97852	24.03557	38.45723	21.80116	50.42448	6.616835	23.75855	31.58406	29.9042	13.53636	28.44656	22.1046	15.28371	29.02323	7.081489	12.13602
CUST_47715_PI429010886	M77293	0.040498	21	6						NA	48.76067	20.3487	91.84392	120.0446	11.97713	63.98224	308.0795	215.6089	28.41713	213.5411	217.0054	304.9967	63.64812	117.7023	NA	87.6188	NA	18.45614	594.8858	187.869	5.551541	16.53993	16.51414	9.564156	93.6298	279.1889
CUST_28322_PI429010886	N57723	0.040512	15	12						96.01566	18.84309	51.0829	36.08743	69.18954	75.7296	28.57866	16.68994	32.94969	29.38623	9.482226	98.21029	110.3421	47.07001	26.50017	20.49506	102.4945	87.5621	43.58778	22.79184	26.04444	15.557	12.66387	18.25337	46.56491	23.14292	68.09627
CUST_28085_PI429010886	N57270	0.040512	24	0						9.717046	8.616285	11.39853	12.97507	8.469456	21.80892	10.17288	9.413901	5.567101	10.00867	12.74006	8.250428	10.60899	NA	7.20793	12.51404	19.12691	12.99801	11.39051	15.72373	12.85923	15.79373	12.86769	11.16044	4.6429	12.16044
CUST_52652_PI429010886	M98325	0.040542	21	0						44.4641	20.82676	15.30761	26.30532	18.6803	21.8498	22.9575	16.65148	12.84641	15.13796	23.12297	7.298488	6.395897	17.2249	11.0048	24.43037	28.82637	30.24809	30.76441	8.886857	20.80589	27.87027	61.2083	29.14874	20.63276	8.784908	5.116935
CUST_19799_PI429010886	N42212	0.040546	24	0						106.5084	129.5889	129.4038	135.0881	100.9074	133.6452	89.25924	111.5529	90.12961	127.8042	103.7436	99.03782	121.2697	97.24592	122.8574	201.3287	80.1769	85.71149	99.48375	102.7268	122.8712	113.5118	92.25373	78.48034	282.166	319.6424	292.3676
CUST_33385_PI429010886	M6755	0.040557	21	3	281337645	hypothetical protein PANDA_009536 [Ailuropoda m			4.26E-07	149.147	128.673	137.196	144.8798	103.3491	181.649	107.0416	163.569	133.4278	166.0384	128.7498	127.8287	172.408	137.604	142.1826	143.0445	122.1911	102.8545	131.327	125.0791	77.46325	133.7601	137.6307	118.3632	178.0431	200.8635	244.5361
CUST_31352_PI429010886	M1331	0.040562	24	0						1481.812	1995.819	1460.496	1376.074	1145.003	1311.23	1140.432	1246.965	1163.104	1441.16	1428.149	1805.829	950.5113	1211.313	1248.908	1684.016	1448.061	1344.532	1403.935	1849.813	1390.937	1611.105	1335.768	1302.095	1695.261	1491.426	1621.924
CUST_7000_PI429010886	N20895	0.040562	24	0	194900772	GG21285 [Drosophila erecta] >gi|257096534|sp|B	Protein metabolism	Proteolysis	4.18E-63	73.17053	58.32457	53.36598	49.04149	48.85338	50.65756	41.7785	43.20136	47.80199	66.59221	40.80459	33.38032	48.85949	41.12787	29.23595	58.42676	44.38038	44.52089	44.16686	40.03126	31.54083	55.29319	21.73089	42.1461	44.02245	70.77767	62.84333
CUST_34254_PI429010886	M9176	0.040584	24	9						6.787758	9.017882	7.573982	11.77184	26.79563	22.45787	4.893462	62.70814	29.06247	12.44359	97.22671	85.69951	43.31707	12.70382	24.32573	4.451004	21.2243	3.926918	9.290785	83.99654	54.01898	5.756028	13.66257	7.17066	8.437018	35.96223	25.69829
CUST_15687_PI429010886	N34976	0.04059	21	18						1295.233	1659.929	1581.923	761.7734	1189.103	1001.62	811.2478	920.7129	894.9707	1238.144	1146.628	1329.963	792.1417	927.8138	981.0866	1333.433	1035.008	1016.492	1246.44	1789.616	1337.58	1127.217	1158.693	755.0608	1684.016	1104.361	1323.05
CUST_8610_PI429010886	N23300	0.040601	21	0						48.65694	36.36466	36.69017	19.64586	33.41208	31.93333	26.35743	31.23112	26.98754	35.78945	37.74031	35.72502	35.9416	34.55194	34.75205	23.25736	20.80086	17.19687	34.74405	32.97611	16.25775	31.18147	22.91473	27.29319	34.91643	25.3441	24.60995
CUST_11203_PI429010886	N27600	0.040601	21	6						320.1725	351.6869	342.9048	232.021	247.7794	225.2614	304.1627	308.0149	328.9809	414.0246	280.4106	388.4161	317.4719	426.0205	393.405	409.27	315.9202	328.1583	343.1861	312.2905	376.7104	334.9303	343.1861	325.2463	429.6307	343.5807	
CUST_28100_PI429010886	N57300	0.040601	24	18						184.2307	84.88556	338.0611	101.7734	123.2567	72.83324	123.7589	196.4155	60.75286	138.5572	69.93057	60.93646	89.15191	205.3646	127.8836	157.0455	219.9975	112.8928	556.906	115.3926	460.7596	257.9388	189.144	73.21949	109.8598	132.2924	231.7766
CUST_41170_PI429010886	M57047	0.04061	18	15						41.86303	44.98924	26.26256	23.31281	27.69389	21.4644	22.10198	29.11768	18.84309	31.60525	25.58065	19.99274	25.54793	29.9042	40.35311	96.9916	29.00481	30.21389	26.67812	28.35396	21.51397	44.75093	13.69402	41.7589	24.65764	20.93627	21.91785
CUST_709_PI429010886	N6878	0.04061	24	0						60.47979	55.74802	40.78034	37.23914	46.04195	27.59937	40.19775	32.19156	31.12088	52.53115	27.25206	28.97849	29.62034	30.27449	27.92484	52.08136	22.14748	29.93088	72.74687	37.62291	32.6566	64.55134	39.22239	11.73596	58.91203	34.45395	36.01332
CUST_45208_PI429010886	M68323	0.040614	21	12						130.1677	172.5457	194.4273	169.5063	139.7854	162.2159	141.4486	147.0019	126.8312	197.0393	163.8459	159.4333	168.2678	215.4716	233.124	232.5216	189.8916	148.4609	164.6012	187.2939	160.259	206.1701	159.4972	179.4697	181.0372	149.4495	182.9016
CUST_27302_PI429010886	N55808	0.040621	15	12						365.0271	359.6577	493.4379	303.0187	335.8595	451.0636	362.8276	304.6076	429.8795	444.8018	333.1788	610.2139	420.7782	606.0546	686.5061	528.8856	404.5388	435.3919	331.7667	414.0246	460.8905	373.6828	400.26	383.7251	506.3576	441.5046	613.1363
CUST_45876_PI429010886	M70591	0.040645	24	21	270005635	hypothetical protein TcasGA2_TC007718 [Tribolium			8.59E-19	38.54256	38.6481	26.81554	34.22484	37.96902	35.19889	26.26779	29.2624	24.19522	38.82938	41.05122	28.93983	30.0571	36.25025	39.36079	34.27356	42.0037	41.83506	37.12735	48.1847	35.50744	51.85122	37.87276	34.46151	48.78129	37.4709	39.70495
CUST_3528_PI429010886	N14692	0.040645	24	6						16358.95	989.5639	21318.49	10575.43	18116.83	14493.88	24647.46	23934.78	14928.07	15109.1	17576.39	185.1997	12782.74	10341.13	8550.193	133.5939	27642.69	8470.008	25496.93	196.7621	8327.109	388.7869	2457.891	4973.61	1140.432	6495.601	1634.318
CUST_3816_PI429010886	N15339	0.040645	24	0	2636680	pol [Schistosoma mansoni]	Nucleic acid metabolism	DNA replication	1.82E-16	14.06725	16.39244	25.17616	15.78638	14.48619	19.43095	11.91129	8.841942	18.89221	16.30067	15.38497	22.44818	13.34711	23.90824	13.11125	19.49887	14.03531	28.15071	12.81434	18.73459	16.1997	21.24048	35.11564	48.00964	20.51216	17.23467	24.76741
CUST_25634_PI429010886	N52720	0.040645	24	12						35.45009	34.65148	43.56595	29.72539	30.14891	33.54623	42.91838	30.77501	38.46101	42.79014	35.53745	40.54674	39.42313	43.99167	40.55137	52.43279	39.41947	40.50407	42.84203	41.9	40.65124	46.90875	27.94419	43.8886	27.94419	43.8886	
CUST_55011_PI429010886	M108402	0.040645	21	0						17.35771	27.53274	10.23894	12.95466	16.72612	NA	16.04256	15.11963	11.56409	26.08326	12.78761	16.36343	12.23618	13.92466	11.07141	9.930283	6.60261	9.661698	15.40175	17.73774	13.4001	22.13024	19.56685	11.71707	21.71687	10.40388	19.45151
CUST_47065_PI429010886	M74699	0.040648	15	0						53.27432	58.04233	73.60851	72.79951	56.91814	68.17959	36.79963	36.02402	46.25392	40.68988	44.0607	51.04482	49.8924	44.59831	49.51746	58.78466	64.42438	50.77711	57.96698	46.22951	48.5802	54.72536	59.61145	40.17935	44.63407	59.93656	63.80913
CUST_33835_PI429010886	M7984	0.040648	15	0						387.8661	376.8596	336.5695	299.0972	379.6269	334.4771	280.12	280.2656	288.6485	334.4771	281.652	357.2284	244.775	395.7641	305.0519	452.9912	387.5117	422.2989	359.2285	345.5828	288.1296	402.3792	307.2464	298.3902	405.8466	345.8615	363.2975
CUST_7882_PI429010886	N22214	0.040648	24	0	321463476	hypothetical protein DAPPUDRAFT_307279 [Daphni			1.37E-35	104.5244	115.8883	136.6977	94.10691	119.1476	103.0015	103.202	84.30944	113.2498	115.4344	115.1327	111.3283	116.1332	119.7932	90.99167	126.5103	131.3133	113.0933	135.3886	110.5384	117.8313	98.02439	102.639	98.79644	133.7417	104.9421	117.2072
CUST_8660_PI429010886	N23374	0.040648	15	0	260793621	hypothetical protein BRAFLDRAFT_123545 [Branchi	Metabolic process	Carbohydrate metabolic process	5.94E-66	121.4843	151.2427	194.5783	285.6058	154.8485	193.5271	78.17526	42.8661	75.30403	108.4109	215.4716	135.3289	59.9058	79.5425	79.5827	154.6176	123.6359	209.9313	119.1299	142.4348	153.2997	98.16979	81.82955	77.08541	149.1265	96.26654	96.25237
CUST_4083_PI429010886	N15969	0.04066	21	18	402589316	actin [Wuchereria bancrofti]			9.88E-15	58.49374	33.3239	57.58322	54.27461	70.44162	47.36571	78.39762	37.36325	27.13299	34.0788	79.84889	26.03397	77.71788	31.11356	44.52812	44.97088	94.91653	60.18184	82.51706	40.52064	79.95313	55.64028	73.40872	95.368	31.91513	38.82728	32.09448
CUST_14256_PI429010886	N32583	0.040666	12	9						11.47799	12.68722	19.88268	8.967811	10.20122	5.026974	9.761566	13.26521	10.87917	11.93548	15.11263	17.50149	12.31007	14.09963	16.79285	13.28314	10.56393	22.72441	16.39936	11.13027	12.75871	24.78008	16.05605	19.78805	15.51771	9.871686	14.55066
CUST_9544_PI429010886	N24811	0.040681	18	3	321460073	eIF2B-alpha protein [Daphnia pulex]	Protein metabolism	Regulation of translational initiation	2.13E-15	38.86122	70.94855	52.063	37.18815	53.14405	117.8039	74.27647	37.19463	45.87335	50.28834	55.24489	56.71651	50.24503	46.02927	36.51599	34.34564	49.74292	54.66133	60.6251	50.31908	57.08439	61.66407	65.29553	100.4445	60.23492	63.88437	69.25418
CUST_2209_PI429010886	N11876	0.040708	24	15	74095343	aurora/lpl1p-related kinase [Marthasterias glacialis	Developmental process	Multicell

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_48351_PI429010886	M79962	0.041552	12	0	405961122	Inversin [Crassostrea gigas]	Developmental process	Embryo development	1.44E-11	6.580137	4.487534	6.616037	NA	10.59996	3.884204	NA	4.253349	9.208223	16.43274	3.905122	12.73533	8.389601	30.34164	39.11677	6.43023	7.837273	11.63701	10.222197	7.541361	4.942301	8.219245	NA	3.200219	12.58978	3.925438	9.402874
CUST_2736_PI429010886	N13007	0.041556	12	0	512127157	checkpoint kinase 1 [Daphnia pulex]	Protein metabolism	Cellular protein modification process	1.3E-142	420.9194	634.2891	475.7608	320.3175	385.3789	217.159	370.5671	355.5079	412.4272	667.7123	413.4726	601.5918	449.7775	431.1968	451.7787	764.3328	335.1161	340.2645	382.5164	591.5595	374.1535	558.6606	402.9446	320.5166	688.1653	388.5645	598.2934
CUST_2199_PI429010886	N5669	0.041556	12	0						64.66893	53.35103	80.32797	127.5818	49.48526	72.39117	62.08961	54.77183	43.34277	48.86699	48.83879	38.0269	50.31908	53.78964	82.24759	49.03552	51.25727	62.6294	36.72937	41.41686	44.67525	42.39566	48.5802	68.58333	48.29446	47.5011	38.1599
CUST_7381_PI429010886	N21458	0.041561	12	0						61.3315	54.03548	66.12218	59.36711	65.54211	69.64081	48.13345	52.52687	64.68215	76.41163	65.56878	78.97339	81.09417	88.24844	67.21241	65.04228	68.29075	82.93626	61.1536	80.1769	58.6875	70.31729	67.12072	65.29553	74.22065	72.88198	74.25035
CUST_8742_PI429010886	N23505	0.041586	21	15	321470898	hypothetical protein DAPPUDRAFT_49503 [Daphnia	Metabolic process	Oxidation-reduction process	9.61E-63	648.0827	610.0761	589.2877	269.0643	358.3575	377.2506	479.9166	449.8886	500.7784	648.9401	453.0933	496.4081	722.2644	513.2283	498.3855	949.0578	215.6344	558.4057	701.3851	419.1452	555.136	579.5177	611.9605	406.6708	316.4275	371.9875	596.8255
CUST_2825_PI429010886	N57626	0.041594	24	15						245.0284	221.06	233.2471	217.7483	224.6063	183.786	191.0756	202.5331	224.2244	229.1012	205.6642	264.8381	252.4954	284.6976	227.3812	267.4607	238.7009	251.6265	242.1214	298.1495	216.3391	286.8668	221.4718	211.6272	321.696	230.2231	231.3422
CUST_54701_PI429010886	M107218	0.041604	15	9	321477444	hypothetical protein DAPPUDRAFT_305606 [Daphni	Signal transduction	Other	2.4E-21	28.84183	45.84492	40.22053	36.78858	35.09563	28.49366	43.90259	34.40003	46.1565	51.15134	40.39881	50.37741	42.68003	39.74876	40.56586	47.47594	48.24061	37.79341	35.55553	35.64343	28.19099	47.59957	44.07419	36.85229	45.12848	34.18647	41.8585
CUST_43559_PI429010886	M63351	0.041604	6	0						368.494	396.1913	300.9857	264.269	327.0942	272.638	204.4226	240.682	244.4939	340.057	328.5456	382.4385	251.4349	338.7294	256.52	414.4964	315.4574	277.0736	326.6284	350.793	265.4463	302.7759	287.6352	228.2235	400.1052	240.7867	310.6611
CUST_34191_PI429010886	M9012	0.041604	15	0						626.2648	661.8313	561.9199	417.9411	532.0502	437.5902	318.6961	396.3895	420.025	591.157	476.472	584.5557	373.5295	539.4382	583.066	704.9925	471.0971	633.8371	423.5928	510.2851	529.3841	563.9632	430.1259	545.3681	627.6184	465.3498	577.9827
CUST_26233_PI429010886	N53889	0.041604	6	9						13.39116	14.82167	28.09705	12.43401	18.87721	15.58064	10.01939	17.64058	18.02985	26.37834	16.0514	39.38447	18.8495	16.04256	44.20781	19.01271	13.99239	14.89947	12.72627	15.5384	18.61977	17.83632	10.14992	21.99795	19.84931	252.3062	41.6172
CUST_17291_PI429010886	N37721	0.041605	24	0						140.7563	111.6499	124.2142	117.847	104.3119	131.3133	93.13261	70.32547	97.1202	114.7719	83.74259	98.69728	71.16635	112.7504	109.5408	123.7165	120.4315	110.192	153.1717	91.6409	113.4862	117.1213	66.48727	83.87586	123.2283	148.5237	160.804
CUST_7930_PI429010886	N22287	0.041609	24	18						131.2193	117.5843	149.4128	129.3158	129.1009	144.7965	123.0707	99.68173	79.77146	136.3926	136.9776	135.3575	74.59866	172.0048	126.1763	133.7242	148.0447	195.9288	181.4093	177.456	138.0366	141.6349	117.0641	129.0136	187.6138	102.6107	152.9488
CUST_44542_PI429010886	M66283	0.041631	21	9						21.30503	94.75367	51.75281	3756.632	1110.941	3156.693	156.2928	40.79309	150.0374	837.729	191.6952	732.5018	778.415	45.52189	330.9853	59.35924	781.4539	588.4339	27.86411	62.66235	2270.606	29.21516	58.55654	25.18232	99.26813	53.23845	50.16596
CUST_26219_PI429010886	N53867	0.041631	24	21						72.58192	68.02926	63.37918	51.70242	59.43662	47.74853	51.61587	59.0851	60.18184	58.95549	51.10313	68.85742	69.35049	50.41387	71.2192	80.02167	59.64714	66.10733	58.66467	56.62309	75.1394	71.77101	74.84295	72.89846	93.92221	62.52529	81.7755
CUST_54296_PI429010886	M105473	0.041633	18	0						98.37238	NA	191.7619	45.61505	96.28021	157.2097	155.2181	129.5889	43.76068	64.4873	68.19793	NA	42.36335	52.14117	35.32612	NA	77.82271	41.65038	115.8195	NA	186.1103	NA	69.68123	84.73278	5.704319	126.8628	24.87256
CUST_41250_PI429010886	M57245	0.041648	24	21	118136261	beta-actin [Penaeus monodon]			8.86E-30	23.17992	18.18164	12.70382	12.6398	26.32456	13.75242	11.38971	8.706462	5.142003	19.00448	16.39244	15.79313	11.48964	17.61145	6.927136	13.74381	24.10237	10.66902	12.20297	17.12281	7.396068	22.12202	25.28773	20.25895	13.31508	NA	14.75975
CUST_40103_PI429010886	M50240	0.041719	24	15						139.545	162.0779	145.5389	115.5725	128.2363	143.4699	108.4515	108.4314	97.3486	162.8741	155.7184	138.969	100.2315	164.6258	143.2947	195.9916	143.4947	180.4919	143.406	166.1459	115.1182	163.791	132.8952	120.2323	209.83	118.233	197.2642
CUST_41734_PI429010886	M58421	0.041762	24	18	543722690	PREDICTED: serine/threonine-protein phosphatase			2.48E-85	8.612092	8.045043	23.42758	NA	10.91708	3.628431	NA	NA	6.067975	7.711168	8.031655	8.259244	4.819923	14.58718	7.850591	23.57785	NA	NA	27.17883	22.02561	13.06014	17.22674	18.22532	NA	5.446361	8.917899	32.73103
CUST_11502_PI429010886	N27918	0.041783	24	15						18.46255	27.384	25.93179	11.16751	27.35753	9.400307	23.33499	19.11878	15.26556	34.67355	29.88865	29.21265	15.01997	11.05595	24.64992	36.45455	26.10687	62.07681	19.48765	19.3376	43.39642	34.46849	34.73965	38.6196	26.13131	25.352	16.67239
CUST_46607_PI429010886	M73145	0.041819	24	0						6.689971	10.38291	18.87895	NA	8.24404	7.03873	NA	8.576964	5.137936	10.28962	6.188539	NA	6.975434	8.286303	6.531816	NA	7.091579	8.953175	10.22575	12.57101	7.313769	10.92086	6.563098	NA	13.18143	14.42559	17.85258
CUST_15391_PI429010886	N34506	0.041824	24	3	321474731	hypothetical protein DAPPUDRAFT_309035 [Daphni			5.99E-22	19.00504	25.52881	15.66989	43.74083	106.3173	65.4438	82.75397	31.25517	18.80396	15.62744	148.1764	17.59799	18.94364	11.99992	7.968722	18.04537	74.82753	33.12696	50.04478	14.14808	44.50661	15.99975	56.37263	64.22812	27.67804	14.49726	23.12
CUST_23502_PI429010886	N48941	0.041824	15	9	242007895	Huntingtin-associated protein-interacting protein, p	Metabolic process	Cellular amino acid metabolic process	3.57E-33	336.5091	324.6687	326.4884	273.0635	313.3535	280.3132	317.7577	305.3843	342.746	409.385	319.3199	397.2225	320.6371	487.486	382.3424	406.3292	372.8945	340.4766	368.634	391.6722	302.1312	395.3575	388.1115	270.6659	431.462	350.793	471.8606
CUST_11017_PI429010886	N27133	0.041835	21	3						154.4215	321.696	147.5068	344.0991	193.0913	206.3839	138.2244	132.1335	153.7558	154.8889	99.32217	201.1997	107.7242	186.4327	179.9875	167.4333	78.94301	156.7999	111.625	135.5426	203.2288	193.8618	186.7835	137.5108	257.6478	300.3777	159.4333
CUST_21259_PI429010886	N44905	0.041844	18	12						23.44768	32.79034	31.69618	17.55108	15.55047	16.36632	35.58457	20.88813	14.61247	21.55161	13.24259	32.14855	23.62378	32.47256	33.26161	18.08249	14.16465	NA	13.64945	33.24397	9.530867	10.03982	6.172262	16.77093	25.81867	23.4832	31.47236
CUST_21768_PI429010886	N45817	0.041853	18	9						14.98214	23.16574	9.425811	16.04554	16.89973	6.176883	6.799702	21.07701	21.68681	22.02378	29.15169	22.69834	20.50947	18.29071	22.04079	16.96368	17.47741	15.18207	12.82706	36.41327	24.42322	21.69445	5.82395	19.12864	22.72441	22.64343	27.16436
CUST_27634_PI429010886	N56412	0.041867	21	18						13.32777	18.22141	9.72432	17.76828	7.257725	7.234602	9.515928	4.952477	NA	15.0972	11.2994	3.703251	12.50339	3.957334	8.078376	NA	10.42464	NA	10.68382	20.63988	NA	10.71996	17.44175	NA	7.641633	8.978228	NA
CUST_54062_PI429010886	M104332	0.041881	21	0						19.02839	13.2528	18.54361	9.848126	5.288214	12.49458	NA	8.371508	11.07586	6.675568	4.231651	42.5506	5.986055	5.571287	12.0262	11.74368	7.374786	15.5705	7.609769	5.76332	5.277704	14.20484	45.38957	10.6528	13.57374	11.65616	16.80263
CUST_9924_PI429010886	N25417	0.041889	15	12						149.7694	176.3863	187.6525	144.0112	130.0042	134.2151	131.8938	143.0859	167.8836	243.166	145.578	448.7865	150.242	202.4041	207.2391	175.6726	128.8708	198.2178	122.1728	177.2148	164.0384	159.1708	168.8424	154.0684	166.6809	167.5472	192.7647
CUST_39420_PI429010886	M39149	0.041927	15	3	321457991	hypothetical protein DAPPUDRAFT_301173 [Daphni			1.98E-18	122.2181	97.29292	73.84429	361.6235	244.775	1050.96	510.0071	121.8737	144.3781	NA	334.4771	NA	116.178	18.85636	90.3266	34.17683	764.5382	625.9634	309.5934	NA	726.7504	56.42615	500.2189	775.4257	62.62086	302.8941	4.709883
CUST_9949_PI429010886	N25455	0.041959	24	0						34.24386	25.24454	15.93573	45.39483	34.39152	35.53394	35.35004	16.31198	17.78619	35.6179	26.18577	22.5025	24.8275	18.36555	19.69043	32.41392	26.05729	15.59119	15.56673	16.80447	13.84083	41.27857	22.98207	33.86813	33.54412	12.6087	19.59409
CUST_35778_PI429010886	M13490	0.041959	21	0						202.8821	187.2169	154.1768	150.6325	192.7007	140.7156	146.9588	140.2062	158.2045	161.355	130.2221	153.8044	110.5098	124.7724	136.8476	229.0599	129.5373	163.7445	165.5033	171.451	120.1338	235.6197	171.427	134.2642	183.7672	189.9733	128.7498
CUST_9649_PI429010886	N24995	0.041959	21	12						47.95704	71.41994	56.33375	81.03965	118.6493	91.41127	138.8541	91.85305	84.1647	228.7451	28.61965	108.6974	117.8313	201.7309	134.7073	90.13978	87.35248	94.2195	177.0624	7.182647	112.0225	109.9447	56.91814	55.01668	105.0313	38.07238	126.8192
CUST_11186_PI429010886	N27405	0.041977	21	0	156544105	PREDICTED: uracil phosphoribosyltransferase homo			3.88E-52	81.45472	77.74288	63.01798	54.80919	58.73387	70.53195	101.8998	52.063	53.78486	53.18376	69.17707	59.19994	49.61333	59.03159	70.99743	68.1054	78.00387	65.39564	65.43441	68.25442	59.30743	77.64007	79.09571	101.0858	56.24014	68.39623	45.51068
CUST_761_PI429010886	N7195	0.042002	24	3						301.4214	98.49703	42.80091	271.2223	48.48483	70.03699	244.4297	57.23179	237.166	34.28772	35.51693	38.153	191.5641	46.54214	113.9135	60.02433	35.98369	42.22821	35.15442	39.52535	37.11196	46.22113	47.65494	115.9694	54.83755	63.95336	42.88135
CUST_53812_PI429010886	M103299	0.042011	15	0						34.25171	37.88014	27.33167	31.49086	24.65512	35.88462	25.75668	24.19734	27.39567	18.88215	13.2803	24.92567	19.80974	13.36717	23.04237	33.71856	24.52447	38.44451	24.64442	16.65858	28.58102	20.53839	30.27835	22.24561	29.21058	22.14979	26.96538
CUST_48646_PI429010886	M81448	0.042015	24	3						16.17624	33.51452	25.29581	24.91507	31.62724	27.95174	15.89674	19.32542	8.238355	43.04692	18.05758	21.38369	19.98576	12.18876	29.27092	20.89343	15.53405	21.94699	10.35023	6.760169	6.708563	22.43297	23.28835	17.16134	21.44879	19.19726	11.87577
CUST_47177_PI429010886	M75053	0.042018	18	9						66.25397	72.3404	71.81025	76.52417	71.87825	75.06598	85.31136	73.68557	75.1888	95.86282	61.11567	61.03108	80.21909	94.37733	125.9169	93.17664	108.7377	119.8572	81.42045	57.64388	52.79712	78.61543	50.33169	72.92837	147.9921	74.4613	90.92371
CUST_11834_PI429010886	N28489	0.042028	24	0	291226812	PREDICTED: F-box protein 31-like [Saccoglossus kow	Cellular Process	Cell cycle	4.25E-19	35.13017	41.68991	52.0001	38.51713	30.30557	32.83588	18.84309	45.7065	41.65544	43.14736	22.11463	37.59059	20.55297	25.93469	35.96223	30.45321	33.66812	26.92163	46.11558	26.74645	36.42394	32.88602	35.17156	50.65756	37.19805	96.29479	38.99636
CUST_35709_PI429010886	M13274	0.042034	12	0						311.6128	442.2873	425.4184	110.4575	146.1343	70.68641	158.6127	188.3767	232.5216	519.4558	245.6075	333.1788	293.1844	302.7759	245.2785	489.1062	169.0201	234.3391	257.3603	308.2184	217.1483	377.8878	309.2864	125.2116	443.8496	251.0141	331.4917
CUST_38111_PI429010886	M99251	0.042034	12	0						176.7601	91.42252	31.71523	671.3234	550.0892	1351.741	720.7013	302.566	162.9163	74.6695	163.7445	50.9755	111.7621	83.83314	116.6022	194.7192	92.8187	194.5831	113.272	11.67842	93.2191	352.7133	162.1294	93.8181	194.3221	16.3681
CUST_32974_PI429010886	M5604	0.042034	12	3				Carbohydrate metabolic process		1740.855	724.0591	179.678	3934.354	4719.422	6903.073	4944.792	2041.736	1264.445	95.20545	5903.55	111.637	1690.584	142.6158	1070.988	456.7992	8378.604	5663.977	3624.616	228.3928	4135.156	338.2007	2794.005	5080.996	114.9376	3213.851	85.54854
CUST_17541_PI429010886	N38147	0.042034	12	3	345495435	PREDICTED: protein O-mannosyl-transferase 2-like	Metabolic process	Carbohydrate metabolic process	6.52E-32	21.22623	15.00845	11.01084	40.62506	17.83632	68.81509	22.23809	35.25245	12.41093	12.26032	24.68274	9.886641	11.74904	8.765923	14.54005	12.72475	60.78952	51.4111	18.58338	15.60562	16.13381	13.2704	34.69687	75.22006	8.357942	34.65808	8.585981
CUST_48444_PI429010886	M80356	0.042045	24	0	270015064	hypothetical protein TcasGA2_TC014226 [Tribolium			1.03E-19	21.14577	13.60767	17.4527	11.80651	22.28394	11.64935	20.93627	15.60189	14.61619	11.62851	13.56887	8.690781	13.80995	9.952171	10.76549	12.21534	21.2878	12.88708	26.46256	12.89633	16.08792	20.55453	14.09025	18.66273	33.20597	9.299202	21.55161
CUST_56828_PI429010886	M114725	0.042082	15	9						118.6228	149.8707	179.2308	104.7962	135.8973	104.302	112.8702	108.7588	173.4432	153.961	146.4231	183.3264	150.78	225.6208	145.5389	146.882	118.6617	145.1427	151.1026	149.0167	117.7597	176.8268	125.0127	92.37125	234.3391	147.2999	187.7096
CUST_4384_PI429010886	N16643	0.042082	15	9						100.2916	98.21029	111.3415	44.92995	56.00276	57.10862	73.48596	81.42045	46.27475	208.0738	99.09557	65.39564	86.37756	65.21686	58.12612	57.48318	129.4911	50.58305	56.44254	64.57467	48.10487	106.7633	65.01299	63.43062	65.32582	70.61832	82.64391
CUST_20401_PI429010886	N43376	0.042082	15	9						94.06166	78.93037	69.78353	74.11739	54.87756	53.57981	44.1334	98.97177	84.15456	123.6359	88.34755	92.13028	71.74241	100.4445	89.16253	86.4151	70.4935	72.93993	54.3948	74.86136	73.96327	120.5371	94.76564	50.2407	163.4728	74.58008	80.34778
CUST_16773_PI429010886	N36846	0.042112	24	21						46.19956	46.20996	50.88285	36.47986	31.47929	39.414	30.08229	29.73209	41.72002	52.20328	32.84559	39.83487	35.69567	52.58293	45.24787	53.55422	39.99701	41.28276	49.64767	43.84173	48.40257	46.12593	53.16758	42.69298	59.7424	34.79371	63.83268
CUST_42664_PI429010886	M60899	0.042116	21	6	328899769	ribosomal protein S19 [Procambarus clarkii]	Protein metabolism	Ribosome biogenesis	3.37E-31	25.73562	21.56963	19.75556	32.58533	23.19911	25.04089	44.91724	52.48792	38.37992	37.02998	20.99955	41.23729	62.29806	25.85184	25.38172	5.400362	27.85465	20.52725	41.51371	42.97599	20.23937	21.08444	34.90742	24.33679	35.15805	25.8104	22.89389
CUST_28267_PI429010886	N54194	0.042135	24	0						10.00617	4.39723	9.384386	6.455442	10.48086	NA	10.0999	6.781376	6.376695	16.1997	12.6398	12.39128	11.4448	16.67559	8.421448	16.63365	9.939603	NA	6.620705	NA	7.676104	5.753993	4.626569	7.126504	7.513993	4.626569
CUST_14113_PI429010886	N32346	0.042145	21	18						199.7111	175.0831	239.6059	137.649	170.0428	155.5901	165.3668	206.3065	167.321	272.1441	194.4273	159.878	179.6526	189.7693	184.4849	232.766	192.442	158.6525	235.2753	218.5606	198.9264	236.0508	191.4276	156.4282	193.2364	135.6641	176.5718
CUST_4155_PI429010886	N16123	0.042152	24	15	390362924	PREDICTED: zinc finger protein 84-like [Strongyloce			3.5E-15	286.0749	397.0596	306.479	257.8206	290.8448	234.9764	246.8808	208.138	339.4134	511.5434	352.327	535.2858	247.8273	343.7569	358.7967	684.8725	341.3294	376.5573	312.7398	417.7516	313.7524	502.4781	320.8355	264.5273	492.9704	280.5129	360.4943
CUST_6395_PI429010886	N20047	0.042152	24	18	154416763	viral A-type inclusion protein [Trichomonas vaginali			2.89E-13	9.855895	14.80676	13.52681	15.93149	10.18458	6.031977	8.652112	6.930953	10.46847	16.10523	12.22036	19.08628	21.74923	17.93968	20.52725	23.1883	12.71046	13.68168	14.25924	17.83632	25.45721	8.446645	19.42289	23.49823	32.3787	7.860635	16.39244
CUST_30286_PI429010886	N61555	0.042152	21	9						19.61371	16.15147	19.09504	15.24413	17.62133	24.32155	31.33456	23.72867	22.69285	22.64587	25.31087	32.26938	18.73831	27.6707	11.32033	17.13072	34.52311	28.36368	24.71374	13.99388	24.56345	13.50761	22.13451	9.490926	29.84652	20.53839	14.62285
CUST_8895_PI429010886	N23761	0.042166	24	0	91082923	PREDICTED: similar to transglutaminase [Tribolium			2.72E-83	20.25455	NA	21.81525	17.61145	9.001207	10.99683	8.633134	10.21387	12.27121	9.928249	10.6935	10.41586	11.78894	25.51449	12.92974	5.436916	8.663836	3.646152	7.162712	9.722947	12.84068	8.958591	NA	9.659531	27.53501	14.41764	9.808079
CUST_42010_PI429010886	M59143	0.042181	18	9						137.5651	161.6619	161.9364	118.2155	134.244	128.3615	116.7432	112.3183	150.5497	218.6882	141.5508	189.3905	133.5211	178.3785	166.7787	212.773	146.622	147.0019	129.6855	178.0648	124.2579	153.5542	137.8924	107.543	188.7518	132.9126	163.2888
CUST_44499_PI429010886	M66146	0.042184	21	3						7.100449	5.241968	8.949545	11.30649	23.54965	16.19147	9.751886	45.9505	10.5712	6.451538	3.916691	8.064111	NA	6.829705	NA	6.604961	5.243296	NA	NA	7.357022	21.2878	NA	20.3649	5.142003	13.97389	16.08792	NA
CUST_48687_PI429010886	M81637	0.042195	18	6						121.2986	137.6985	181.5403	193.3347	179.4697	274.1744	194.6574	142.4711	231.5437	139.2832	232.9174	334.8266	144.1199	248.9182	209.0873	195.2684	163.2245	298.3902	147.7053	140.2062	179.3477	172.6882	211.0236	255.7006	239.3501	425.0392	352.4518
CUST_40587_PI429010886	N35158	0.042195	18	0						15.50178	19.67357	14.36188	22.07292	23.48892	18.49894	20.22452	25.9425	8.884013	9.373204	22.79184	11.93292	6.551011	14.88541	12.39128	8.788925	14.00062	9.939603	11.64784	9.529313	9.968127	12.61811	21.45858	9.098127	12.61811	21.45858
CUST_45396_PI429010886	M68982	0.042201	15	9	241678636	conserved hypothetical protein [Ixodes scapularis]			1.76E-48	12.99648	24.44247	13.70505	14.90147	16.11943	NA	11.5275	20.60423	22.29224	26.64522	26.3191	31.51141	18.50987	27.36801	17.27797	38.12809	9.071169	10.70821	15.7734	23.89866	30.78076	20.15665	22.54108	16.03304	28.9143	22.85484	36.8462
CUST_52328_PI429010886	M97075	0.042213	21	0						30.54342	35.31845	19.56884	15.48667	18.20163	5.558018	25.5315	58.71363	14.66408	20.42397	12.04602	NA	22.92529	6.378621	14.43213	24.80361	36.61393	14.64247	27.14824	23.91586	18.12277	31.37421	52.95164	25.02448	25.83997	8.727631	26.30031
CUST_27923_PI429010886	N56949	0.042216	21	9	410509308	myosin heavy chain type 2 [Penaeus monodon]			9.41E-21	21.99795	32.32519	34.26964	25.63785	26.35743	32.87743	25.17015	54.01314	56.04356	35.36241	48.94831	73.62026	27.30432	25.26092	41.94521	26.23144	13.93866	23.18582	15.08925	56.56684	37.41038	18.2618	23.82095	28.5055	28.33335	47.94376	46.84888
CUST_54909_PI429010886	M108140	0.042218	24	0						841.0533	889.7966	889.0555	887.1414	838.6949	784.4175	834.3363	744.5402	781.185	1003.971	730.2123	754.3579	760.7539	877.6784	854.2242	1068.926	796.2928	873.1071	847.0661	841.7695	837.1072	1064.697	894.0864	820.2371	1181.87	949.8478	1038.033
CUST_8080_PI429010886	N22512	0.042222	15	3						22.53424	10.89022	9.350056	18.78315	20.16612	41.33159	18.56074	12.63126	7.300647	12.72931	12.92033	NA	5.826839	6.806239	10.60724	7.666723	28.3805	34.10794	8.733788	14.61247	21.93061	9.119784	26.44892	37.54698	7.284707	7.906354	10.36359
CUST_33908_PI429010886	M8210	0.042272	15	12						213.1848	237.679	232.5572	216.807	187.7825	201.2707	174.2465	187.4158	197.0951	268.2743	189.5057	234.0614	183.1526	249.8541	257.2859	238.1333	226.4554	267.7928	205.6958	207.7149	204.3252	266.346	206.6019	181.2996	300.5238	219.8055	242.9704
CUST_444_PI429010886	N5213	0.042272	15	12			Protein metabolism	Ribosome biogenesis		224.8249	195.8687	202.7268	168.8426	132.7894	152.675	198.3971	172.0048	209.9313	225.3596	148.65	208.7066	222.1754	157.0244	185.8695	192.6772	211.951	187.4158	151.5629	123.9272	123.9463	198.6919	157.1805	137.5853	227.3812	160.4594	184.2011
CUST_55414_PI429010886	M109998	0.042292	24	21						49.72682	53.22735	71.46757	51.53321	59.50688	85.81376	49.24106	56.96512	46.64901	73.73041	63.83268	62.6571	40.33441	53.12043	39.57761	50.8686	87.49111	65.36594	70.45058	62.39032	67.92789	67.39787	73.71157	85.73944	66.99196	64.0654	57.90878
CUST_14191_PI429010886	M32456	0.042292	24	18	196006105

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_37651_PI429010886	M20253	0.04278	24	15	51104825	Euphausia superba small subunit ribosomal RNA ge				746.6817	380.9707	725.1936	217.5886	855.218	594.1197	865.4579	575.3599	739.6144	1192.582	471.9637	516.2214	1353.303	853.6849	716.6989	1006.198	1028.799	888.1875	663.5689	800.6759	882.8865	1131.289	471.9637	505.3693	388.966	464.1947	987.1593
CUST_7440_PI429010886	N21555	0.04278	24	15	327261663	PREDICTED: Anolis carolinensis karyopherin alpha 5			9.93E-71	221.425	170.5103	163.9462	174.1985	186.006	156.6119	170.4197	153.5797	175.4895	170.8864	196.5334	208.2116	167.4717	203.6685	193.8618	205.9692	213.6068	239.0792	219.715	186.0881	143.4489	193.4709	177.7853	187.7825	197.2662	142.4549	193.6848
CUST_26540_PI429010886	N54419	0.04278	24	15						73.82839	120.9878	86.00719	83.07834	64.92708	82.07629	81.22317	81.45472	67.69277	88.31622	96.25237	138.7005	85.8526	120.1854	107.3764	123.1846	82.80993	97.22671	89.91874	94.36809	76.72395	109.6904	81.42045	62.46895	95.83965	67.61178	97.1579
CUST_46611_PI429010886	M73161	0.0429	12	0						52.98961	58.63339	54.57781	42.44034	43.03291	44.1761	34.30707	38.18452	40.50125	55.48383	52.27598	45.66434	64.30394	46.91616	56.30906	69.70264	38.99636	45.64241	45.05595	50.71879	41.70879	63.37317	46.991	44.11518	55.63288	30.17169	48.74628
CUST_49490_PI429010886	M85847	0.0429	12	0						111.6728	96.90956	92.34903	76.42859	70.28439	96.81237	81.73063	55.66641	81.68427	67.45213	87.71808	94.5785	77.1205	95.16133	98.36103	112.5022	88.3275	115.9694	76.87346	85.46155	77.38027	93.38696	84.51009	99.17539	93.05164	102.9589	101.565
CUST_57146_PI429010886	E1547	0.042905	12	3	321472355	hypothetical protein DAPPUDRAFT_100611 [Daphni	Cellular component organization	Cytoskeleton organization	6.45E-30	6136.091	7662.198	5367.717	8138.075	8448.526	10366.97	6679.096	5176.163	3917.614	4064.703	6267.492	3934.354	5130.907	3082.77	6078.985	9670.846	5663.977	7864.497	7207.278	4598.774	4833.67	6366.193	3572.519	7536.588	4676.187	6180.646	2587.199
CUST_49154_PI429010886	M84429	0.042908	18	12	321471830	hypothetical protein DAPPUDRAFT_302359 [Daphni	Transport	Ion transport	1.17E-39	439.7553	262.4225	653.1387	179.5583	264.1236	260.5944	588.9896	531.8244	398.993	492.0126	276.6492	385.5507	471.2464	726.329	409.6774	326.8661	408.6642	262.997	414.6925	314.5564	313.2163	413.0515	319.5171	257.5442	413.3489	353.0802	419.6576
CUST_49138_PI429010886	M84309	0.042924	24	15						35.74774	34.80311	42.68895	24.55823	32.91264	33.53684	27.14155	38.55322	37.83723	55.70082	42.72555	73.47109	42.17788	62.04074	53.64846	64.70488	41.55142	45.75251	47.35331	60.42655	51.04982	63.68912	35.6576	41.0817	52.79221	63.96858	45.86806
CUST_32730_PI429010886	M4946	0.042943	18	6						22.00833	29.96361	18.20163	39.99701	12.15775	20.66741	20.34203	77.51881	33.54956	37.77885	26.27126	33.46666	19.3658	45.7289	12.56568	20.50772	12.61647	13.65247	7.898568	29.89381	11.55822	20.22094	42.57633	29.60942	45.215	25.60611	37.66305
CUST_10629_PI429010886	N26541	0.042944	15	9						1342.338	1936.604	1748.457	1284.158	1832.42	1902.402	1761.883	1137.917	1954.96	2111.683	1851.755	2314.02	1623.132	2610.308	1663.806	1201.319	1715.766	1586.719	1576.033	1622.403	1971.63	1272.526	1837.915	1796.352	2466.842	2356.592	2531.781
CUST_43953_PI429010886	M64453	0.042951	24	18						48.17972	55.63288	44.53184	25.04089	36.72024	22.30707	27.27496	25.69829	25.10262	50.22122	32.35642	41.96975	37.25447	38.37639	30.3611	50.25535	46.22951	42.91838	55.38216	45.28763	32.20238	59.30743	24.79214	40.20735	54.76633	31.83203	55.03461
CUST_55118_PI429010886	M108788	0.042959	12	0						482.5207	241.2255	144.2982	16.1574	51.7068	27.36512	142.7507	182.3659	123.5563	482.976	130.9315	139.0764	239.521	136.6977	100.1493	101.6485	72.29645	76.87346	200.8366	86.46205	101.7598	234.3704	47.57087	78.95924	17.24279	183.1526	407.1868
CUST_41714_PI429010886	M58373	0.042989	12	0						564.1196	261.4208	737.0066	496.4081	142.0582	51.15134	827.2898	376.7825	275.8443	854.7156	426.1051	384.0577	584.8769	877.4226	870.5556	145.3839	182.2638	80.99667	1263.014	244.4592	534.8364	302.092	800.3484	241.9617	868.721	304.5545	384.9318
CUST_1685_PI429010886	N10435	0.042989	12	3	242016965	Aminopeptidase N precursor, putative [Pediculus h	Protein metabolism	Proteolysis	1.1E-172	378.5438	276.4162	464.198	805.0049	801.7718	1370.685	767.2232	578.2355	405.3248	323.0511	885.0858	410.06	384.5478	422.1729	359.0948	329.3607	968.3869	883.3994	1137.917	316.122	931.4066	404.9556	771.0971	794.9156	317.0842	748.4841	356.2894
CUST_338_PI429010886	N4062	0.042989	12	0	321460896	hypothetical protein DAPPUDRAFT_216354 [Daphni	Protein metabolism	Proteolysis	8.6E-36	4064.703	4036.57	3792.107	2574.868	2851.724	2104.851	2704.165	3098.049	3074.469	2957.256	3130.59	4205.626	4205.626	3756.632	3271.146	3561.268	2254.33	2856.456	2019.046	5836.719	2995.003	4353.113	3116.138	2332.981	3485.611	2963.617	3208.657
CUST_20935_PI429010886	N44332	0.042989	12	0						24.59907	19.64813	39.81638	19.97654	13.80154	3.426123	23.87529	35.56458	18.54906	30.65915	18.689	23.66154	24.36264	30.9626	21.53411	16.68444	17.07869	24.73576	18.48864	20.72678	18.41069	28.5055	26.02411	23.85972	40.81576	15.12815	31.62724
CUST_37112_PI429010886	M17877	0.042994	24	15						144.5655	152.565	154.595	144.5043	138.8365	152.0093	124.0862	118.275	140.7156	165.8485	133.4937	181.0372	150.6133	176.1434	162.1587	165.1224	152.2451	171.784	178.8821	171.0319	151.8851	177.896	165.716	143.1896	186.883	146.7819	196.1855
CUST_29745_PI429010886	N60463	0.042994	24	18						68.46628	61.23542	75.11707	61.93065	60.72981	62.51292	35.51693	66.83042	52.74988	73.26779	67.68545	59.63236	78.17016	65.0047	78.70239	62.04074	71.34779	53.26328	68.07541	88.43444	78.67424	84.04395	53.52565	81.31771	86.65167	65.72077	75.36334
CUST_17560_PI429010886	N38184	0.042995	24	3						23.61236	20.74944	9.456396	47.47127	34.65808	35.34739	26.43248	18.25747	18.60572	19.7715	23.54424	18.90163	17.0738	17.62699	18.49081	21.86875	13.11816	29.14178	24.35448	82.97709	15.68875	31.07874	7.113361	12.0052	26.41719	51.81515	29.37298
CUST_56307_PI429010886	M113465	0.043028	15	12						3022.502	4228.899	3318.146	2845.968	2585.542	2932.434	2061.289	2626.728	2850.368	3384.084	2454.105	4381.739	3161.551	3511.533	4532.248	5233.779	2359.813	3048.703	2788.353	4038.67	2858.942	3965.108	2892.813	2247.598	3981.392	3407.322	4225.122
CUST_42089_PI429010886	M59370	0.043028	24	12						35.9369	38.53966	41.73828	33.69868	32.97611	39.94945	32.64658	25.35696	29.02076	33.82224	39.51821	58.20859	34.92634	44.70504	49.76383	49.37485	32.73413	51.21719	32.02557	34.7228	43.29309	40.03501	51.51764	43.96447	38.64362	82.60943	63.97505
CUST_37091_PI429010886	M17828	0.043029	24	15						340.5239	290.2746	166.2726	417.8166	260.7973	390.7936	329.4247	218.4278	259.3237	304.6406	222.9689	184.7518	220.9933	318.4396	237.3349	292.4214	255.3482	340.1239	255.7993	216.7751	306.5332	311.2137	227.6266	183.7293	227.6466	183.1893	
CUST_45206_PI429010886	M68315	0.043039	15	9						53.71399	61.2083	47.5011	42.45744	41.96975	32.15505	38.89725	34.33169	47.19565	68.86603	35.95337	66.92953	43.79745	52.65189	65.03148	61.81926	31.96138	60.70574	47.05374	60.28718	41.49369	65.08	52.4135	44.62034	65.49916	60.99798	64.18045
CUST_48069_PI429010886	M78758	0.043039	15	9						40.09244	20.98522	41.95242	29.85793	34.2205	35.94612	40.03759	44.00078	43.06591	44.69546	42.38165	52.70102	33.75052	44.50009	19.19007	41.47981	47.14099	35.94919	33.17041	34.70757	44.15212	43.69222	44.09799	41.12787	63.78205	38.09477	48.05852
CUST_26433_PI429010886	N54236	0.043039	15	9						811.2478	1003.294	1178.063	912.7145	773.8104	933.7706	801.0442	867.1839	1023.799	1064.349	930.2399	1358.264	962.2957	1262.411	1064.349	1051.549	1044.56	981.8641	986.7668	1102.979	956.4623	1248.908	1054.214	877.9874	1270.943	1181.488	1309.194
CUST_28470_PI429010886	N58007	0.043039	15	3						24.90221	19.95383	19.48105	34.7228	26.21698	31.49086	25.56096	12.85919	25.94523	22.34831	15.93573	23.51614	27.60111	32.80705	12.14502	21.80535	33.06129	26.03157	26.90259	24.96736	27.79833	20.41951	28.44656	36.17076	18.74405	17.49952	20.3487
CUST_11589_PI429010886	N28081	0.043039	18	9	380013858	PREDICTED: Apis florea serine/threonine-protein kir	Protein metabolism	Cellular protein modification process	3.3E-103	40.80459	38.98332	63.90408	52.78112	90.34874	78.95217	32.76173	42.70658	69.81278	89.38803	96.19258	79.88802	38.6903	85.99449	60.53815	58.03044	51.54393	56.96512	45.4027	50.65259	44.22939	65.39564	59.0152	33.66515	60.04192	48.5802	75.92185
CUST_20757_PI429010886	N44005	0.043076	21	3						132.0957	124.447	135.7577	140.7563	134.8409	118.9466	161.4564	109.0193	142.5512	106.2503	149.3929	148.5237	91.09799	109.4262	83.11485	137.9332	130.2384	134.4388	117.847	73.95574	99.75328	100.2082	117.3039	153.7764	206.0933	125.5041	174.0152
CUST_50764_PI429010886	M90922	0.043114	12	12						16.10308	18.55819	15.86385	10.67164	7.249166	7.708974	13.66936	5.949232	21.76618	10.41346	14.24501	12.63126	11.01284	NA	18.70053	29.45107	12.68586	3.350493	3.828115	4.773638	8.664964	11.41469	13.26174	NA	15.84353	12.77633	18.93949	
CUST_2699_PI429010886	N12933	0.043117	24	12						83.2696	836.1144	1351.741	479.7862	276.2557	157.1495	1102.979	1670.981	1141.431	1787.33	654.7049	932.818	1354.655	1592.642	961.8209	246.7296	518.3277	154.4419	455.0938	248.9508	415.5762	854.951	77.799	338.8337	1045.476	641.887	1271.998
CUST_8403_PI429010886	N22987	0.043192	21	18	321469674	hypothetical protein DAPPUDRAFT_303843 [Daphni			6.02E-34	170.7231	274.0115	114.5611	173.7958	134.1419	139.4507	97.62464	103.5822	110.7189	125.9322	143.0445	186.1933	103.202	137.5108	174.8583	266.4363	97.77159	145.308	146.2438	205.5955	185.0427	232.3859	126.8079	138.8211	176.2225	114.4015	171.6689	
CUST_46864_PI429010886	M73995	0.043215	24	21						16.03304	15.1736	12.30553	22.65536	13.2165	15.28275	21.31201	10.07219	13.11271	22.4434	13.89365	10.037	16.15388	7.543719	6.466225	19.52762	18.28397	4.187339	22.50662	21.4691	13.732	28.27702	23.13514	22.4434	27.19369	7.977931	28.57032
CUST_34108_PI429010886	M8793	0.043215	24	21	1562538	Homarus americanus alpha-III tubulin mRNA, compl	Cellular component organization	Cytoskeleton organization		751.4303	1055.576	717.997	776.8406	586.6898	682.9708	742.4096	908.82	629.2275	1256.525	575.3599	865.9484	663.9332	635.813	532.5435	1536.448	927.5266	909.4624	888.1875	683.9239	810.0074	1109.944	973.4615	1115.54	1022.013	944.3898	731.2482	
CUST_15504_PI429010886	N34688	0.043215	24	15						248.3781	267.8414	291.8279	278.0994	275.9866	385.5507	251.7054	237.2477	277.3932	316.8471	268.1467	290.7302	290.1265	333.2348	406.809	345.7818	324.1237	361.5394	285.7004	312.1179	303.0793	376.0453	297.0259	290.2748	347.2399	274.6972	350.2692
CUST_18804_PI429010886	N40441	0.043217	18	15						101.9838	98.84179	81.82047	119.9416	101.6252	128.5235	95.04998	78.62359	76.16277	118.9612	98.27597	99.07551	89.71539	105.2803	98.37238	160.0108	134.5558	129.7943	113.7623	136.8846	93.38696	116.5788	72.2558	84.07185	134.7225	93.83775	80.78349
CUST_43417_PI429010886	M62987	0.04324	21	18	242018035	tpr repeat nuclear phosphoprotein, putative [Pedic			2.42E-82	31.721	29.43141	25.87828	27.80787	36.11849	18.47667	16.8955	15.93573	13.5398	34.54793	20.83932	30.66153	25.96869	31.80323	28.46598	34.86849	23.34607	34.1956	35.27881	57.28882	20.61498	33.11438	22.78539	13.90672	31.39141	22.41939	26.76517	
CUST_45275_PI429010886	M68558	0.043242	24	15						11.63852	8.181079	10.39055	15.73405	11.01084	14.21003	9.814804	12.36089	15.49638	14.70379	11.36093	15.1182	18.61312	12.24661	7.222005	21.4035	15.37012	24.43037	10.40557	10.1832	12.77138	16.1391	16.49199	13.55467	9.977459	8.951802	NA
CUST_55242_PI429010886	M109268	0.043243	24	0						164.6734	127.8836	188.6253	80.15845	126.5686	130.1677	128.0902	112.8118	171.3364	115.8949	94.89615	97.80592	131.1249	160.7305	104.5579	130.5819	110.0751	124.1999	111.9784	89.56339	111.9633	135.8479	91.58478	126.0286	132.6083	148.572	193.3073
CUST_6919_PI429010886	N20779	0.043275	24	0	156399889	predicted protein [Nematostella vectensis] >gi| 156			2.51E-63	9.489751	25.38172	26.58331	13.76785	10.49349	13.35477	5.673834	NA	14.45048	6.62402	8.502113	14.12465	5.716003	6.701002	14.28863	20.02647	5.046239	16.74929	8.257726	21.87083	35.04222	16.02878	10.21924	20.9065	17.59108	18.33365	20.44923
CUST_18868_PI429010886	M31399	0.043276	24	15	546676950	hypothetical protein D910_05262 [Dendroctonus pa	Protein metabolism	Ribosome biogenesis	6.73E-22	178.5939	237.5773	195.7228	151.2216	161.6849	157.5	178.7072	191.6146	214.7583	217.5495	171.8504	235.0953	189.6625	204.2904	229.0179	261.8083	139.1267	187.2176	157.0422	202.6771	187.6289	198.6552	151.9853	211.7401	187.8262	195.1563	211.7401
CUST_49126_PI429010886	M84241	0.04329	15	12						67.16912	49.7894	44.83381	51.17489	47.24387	44.34401	42.73401	39.9644	43.39642	56.76781	39.59389	49.44344	53.43124	54.01314	53.97066	52.0001	52.02242	46.26909	72.49991	63.64812	41.78704	50.76541	47.20692	36.37581	64.3699	44.63016	45.59444
CUST_27798_PI429010886	N56712	0.04329	15	12						48.33175	62.41453	73.14043	80.18725	48.67019	54.37221	57.32582	79.78328	72.22304	45.65482	61.74634	68.47784	89.64325	67.87327	98.02439	92.60851	33.77978	73.04458	45.44604	55.57729	42.21202	61.0979	51.58632	54.61808	61.70387	83.14836	73.98788
CUST_56941_PI429010886	M114961	0.043292	15	9						988.4432	1040.536	1250.32	888.436	1072.593	1044.56	919.6285	972.7549	1199.213	1338.117	1135.445	1270.234	1043.343	1578.633	1027.258	818.4343	931.1392	1141.431	976.3736	1172.181	1240.783	1376.551	1120.861	980.4603	1576.033	1362.62	1613.342
CUST_25711_PI429010886	N52926	0.043318	12	0						54.35965	78.08745	79.14778	55.98343	58.46928	42.46725	45.4417	69.61278	50.87772	109.1565	59.25275	74.02683	99.52485	94.88698	83.6912	101.637	42.53957	73.1075	104.5873	66.63641	52.72315	77.45737	69.28978	71.66601	111.9364	60.34766	119.7198
CUST_48197_PI429010886	M79298	0.04332	21	18						19.99534	16.70757	17.59292	16.12785	10.08763	7.243822	8.897078	4.524037	14.94259	19.73697	8.039625	18.03173	NA	10.97339	5.029486	20.48821	14.20342	8.082183	27.34621	11.8227	15.51771	23.34857	16.25929	10.61682	14.1603	9.941638	8.490289	
CUST_22580_PI429010886	N47272	0.043329	21	3						19.38567	28.23857	19.16951	35.53745	39.09942	31.92608	7.046406	4.67588	10.9847	55.82371	5.330779	17.71709	20.35771	14.72748	21.7799	38.93982	4.458351	25.49244	25.08131	18.24494	27.4201	27.00004	30.09768	11.22575	44.66782	38.04406	52.59262
CUST_39667_PI429010886	M42506	0.04333	18	3						13.85986	15.08742	20.16285	55.91435	63.06953	89.71539	44.13738	30.08888	13.39856	3.525109	40.44714	5.731619	16.04975	NA	12.78311	7.501961	75.82559	67.43306	21.02441	8.149809	77.12763	16.2854	37.33083	92.63222	5.382165	28.9143	18.21746	
CUST_7814_PI429010886	N22121	0.043349	15	12						84.69362	67.50199	112.7651	60.02795	62.9762	71.2117	80.41737	84.86918	72.62704	81.81059	76.20212	79.40489	78.36561	91.6512	87.96508	94.43038	98.59007	77.18047	77.69906	65.76284	88.3275	72.686	83.71896	75.82559	93.70583	78.83085	104.9178
CUST_46619_PI429010886	M73190	0.043353	24	21						6.492705	12.28125	12.63616	7.904455	8.321397	6.157906	5.899189	7.411834	5.184488	7.891053	9.279943	4.617906	10.23894	6.513918	6.94077	7.350725	15.39372	8.239664	11.17025	11.65145	7.983679	11.2966	9.7225	11.65145	7.983679	11.2966	9.7225
CUST_46897_PI429010886	M74108	0.043412	21	9						25.7937	27.71495	30.59469	28.97255	16.3435	30.74938	30.75954	54.40561	40.33441	36.05134	76.44833	73.78486	46.00056	42.42487	27.9397	25.82153	17.91014	23.17075	30.80046	70.5402	48.16535	16.40969	28.29582	35.55553	15.21915	34.27356	52.58293
CUST_45736_PI429010886	M70093	0.043424	24	18	321455020	hypothetical protein DAPPUDRAFT_3691 [Daphnia p	Signal transduction	Other	3.27E-26	26.4784	20.5469	17.54669	20.09233	24.30839	13.23625	29.2332	13.8397	8.3032	15.09945	19.22658	10.89133	22.94293	17.15702	30.57199	28.53623	25.04386	21.02638	34.98674	35.07942	18.33154	18.05541	16.16487	22.62556	28.64039	5.673212	16.71789
CUST_35252_PI429010886	M12048	0.043456	24	3						72.48039	68.82274	NA	78.07189	45.2026	84.52872	59.11379	9.021728	58.892	3.98105	4.991219	NA	35.40201	12.98781	47.03677	39.01912	9.492295	44.56286	5.194327	14.1847	8.044043	35.11564	NA	37.09496	16.08378	12.29489	15.50269	
CUST_53319_PI429010886	M101263	0.043467	12	0						218.9512	264.5273	302.8941	244.1166	253.9783	272.8585	258.1237	225.2988	260.0898	254.4207	236.8954	330.1179	254.9978	330.3612	339.4134	237.5448	228.0216	233.6069	177.8716	280.0237	266.4363	291.5938	280.9299	260.9776	315.3064	302.3576	283.788
CUST_54572_PI429010886	M106601	0.043467	12	0						65.81652	63.66464	41.41686	53.99181	29.34549	40.99957	35.39506	34.78474	47.99919	79.76051	43.88802	46.38212	56.11071	53.66581	60.36203	56.11599	27.35532	42.01359	39.68132	54.83325	53.11468	64.52054	46.88042	31.02312	87.57209	64.29604	96.42858
CUST_31868_PI429010886	M2617	0.043467	12	3	443734794	hypothetical protein CAPTEDRAFT_73288, partial [C	Nucleic acid metabolism	RNA metabolic process	3.69E-42	450.0163	208.1099	156.6764	1656.441	2679.021	3390.638	2718.679	1070.179	301.0804	96.72232	2555.115	104.0321	452.8393	96.92806	299.2346	156.0758	4051.321	1856.885	1828.604	92.48444	1652.112	176.4808	1370.685	1782.524	153.376	1022.449	82.72689	
CUST_48602_PI429010886	M81219	0.043467	12	0						41.41188	36.91363	67.13373	46.77892	32.32519	44.17135	37.19186	32.19898	43.66151	38.64362	29.22246	32.57877	32.47618	48.85338	49.01735	51.34688	36.77308	41.65923	33.69477	36.39578	37.20061	48.00546	32.70344	31.92933	62.97836	40.90354	51.62562
CUST_2970_PI429010886	N13505	0.043494	24	18	242009661	Bromodomain-containing protein, putative [Pedicul	Metabolic process	Other	1.65E-50	7.413154	10.91708	10.6154	10.82657	11.0048	12.56262	7.959892	5.063659	10.53948	15.66371	15.28371	12.20709	6.868272	8.212232	8.316685	14.56009	8.815034	12.95753	16.91106	16.2897	16.18926	15.63419	17.01511	9.199507	11.98424	15.63419	7.396068	16.19147
CUST_21041_PI429010886	N25875	0.043495	24	9						30.69887	30.93077	25.20311	18.87168	19.16951	16.8263	23.26561	16.0016	19.46629	29.17928	28.53359	24.64992	14.20826	16.91108	9.684471	17.29878	18.23229	20.67	19.23966	14.65	16.7376	32.72124	12.52115	31.45467	16.7376	32.72124	12.52115
CUST_55201_PI429010886	M109100	0.043508	18	6						21.11367	24.37441	16.65858	24.53437	6.952548	24.42522	13.17448	45.22744	14.64853	13.32908	28.02833	25.52881	20.18529	7.757233	5.7379	10.24643	16.92439	12.65934	19.82899	16.76285	32.97611	39.33067	29.74088	15.5488	33.62105	33.56101	32.7645
CUST_28235_PI429010886	N57564	0.043508	24	18						136.3426	137.8094	146.0101	84.40117	94.26766	86.56723	102.2413	88.34755	101.2537	196.129	119.4767	132.8952	102.205	168.3078	152.988	212.2276	96.56866	122.9325	149.2677	258.7295	116.8326	142.5243	99.73067	91.90962	232.8026	112.3919	193.1764	
CUST_55561_PI429010886	M110723	0.043517	15	0						3446.227	5035.54	2509.921	2682.549	4073.081	3303.552	1506.739	834.6224	1561.567	3342.501	3991.112	3278.647	1244.117	2062.191	1937.537	5688.498	3296.897	3216.436	2645.933	4374.715	2794.005	3249.343	1728.225	1442.354	3908.116	1902.402	2850.368	
CUST_52774_PI429010886	M98857	0.043517	15	9						205.1599	227.6752	276.8504	169.847	189.0849	199.1036	190.0645	201.5551	230.3934	271.8631	209.0287	263.6735	201.4342	239.3938	190.3637	254.9978	208.3184	190.3154	195.9585	229.245	216.9356	215.8293	211.9851	188.1392	345.9305	230.1517	260.5389	
CUST_6230_PI429010886	N19810	0.043517	15	9						23.565	28.39426	31.05901	17.18028	17.3028	12.08465	19.93306	15.24413	25.5511	27.50644	30.90791	32.75095	20.32835	26.30532	27.62987	25.33083	23.64437	24.13249	21.93695	25.37889	35.91866	30.112	32.10959	16.40766	36.23362	26.86002	34.35136	
CUST_6261_PI429010886	N19863	0.043517	15	9						32.50993	44.4501	34.69687	49.95028	36.16119	27.24397	67.9344	37.59821	61.31684	47.90107	32.96805	30.88328	28.5055	59.46938	57.16139	56.93106	36.01332	33.29134	55.57175	48.5148	54.58961	196.8321	92.1489	102.9324	44.40636	54.96227	49.89799	
CUST_10605_PI429010886	N26499	0.043517	15	9						188.2724	194.9477	216.6058	157.283	203.324	215.8293	170.0663	206.6992	195.555	299.5774	194.9477	256.8125	190.5242	235.2181	211.1942	250.7705	214.6655	248.5974	194.3859	190.0645	174.5081	192.5048	200.6692	223.2546	306.2716	203.1221	275.9866	
CUST_26123_PI429010886	N53710	0.043517	15	9						65.85741	96.38791	78.24583	62.44513	63.83268	76.52417	46.48282	68.78674	65.8929	97.99145	59.42335	102.9808	65.99023	83.1842	85.23443	73.61433	70.13143	73.35296	49.59839	62.79947	67.07557	80.00094	96.25237	74.74125	90.96114

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_51680_PI429010886	M94549	0.044065	15	12						9.684471	17.12411	19.31282	35.1893	10.86396	15.14331	10.13043	8.386399	12.91624	18.63959	5.868354	8.1716	20.79184	NA	61.69829	26.28003	12.60126	42.40387	77.71924	13.70338	10.50509	NA	NA	7.407239	10.6028	23.09604	10.31819
CUST_1991_PI429010886	N11252	0.044066	24	15						40.23032	46.72383	59.07909	30.41942	49.79836	82.44441	41.28609	42.33366	52.51419	40.50555	48.26954	63.11008	54.45697	64.53642	57.92964	54.79813	90.82199	70.33751	74.7726	37.54361	64.03011	43.91811	59.2457	58.92815	50.77029	43.82278	46.56491
CUST_53670_PI429010886	M102717	0.044076	21	15						34.47136	29.17357	19.30381	29.81183	23.95482	24.80361	31.10257	16.85251	23.43097	28.57593	22.55376	30.63369	28.70795	22.16055	38.73055	35.66432	36.9176	31.55142	29.31162	27.38056	30.2284	14.38336	32.70652	26.90259	30.9626	20.88392	23.90612
CUST_6428_PI429010886	N20089	0.044089	24	21	321477877	hypothetical protein DAPPUDRAFT_206599 [Daphni			3.12E-60	78.02809	75.75933	62.08961	83.63981	89.67555	90.01113	73.84729	72.62704	84.56429	95.63731	70.87083	83.40091	66.91698	74.07672	76.11306	96.81237	115.6902	91.40169	97.17307	86.48234	84.56429	100.9764	112.7504	98.22103	72.45575	82.30578	84.82591
CUST_52511_PI429010886	M97717	0.044096	15	9						50.27036	49.3486	63.27271	42.02786	41.4213	36.4309	39.99252	41.7241	49.81881	58.45028	45.85649	127.001	48.85338	60.70574	57.37114	79.59942	40.48072	47.58792	47.5835	52.69412	44.63765	64.88975	39.46416	51.67859	57.62155	57.93571	76.353
CUST_44841_PI429010886	M67165	0.044106	15	9	260834499	hypothetical protein BRAFLDRAFT_100078 [Branchi			1.53E-27	7.941557	8.773525	NA	NA	11.09833	7.066118	6.221163	61.63016	12.41778	18.52264	NA	14.59396	5.012567	NA	8.255312	7.520119	5.469892	8.237262	16.91528	NA	7.310152	9.69944	10.85271	17.35915	13.72174	19.24305	11.7681
CUST_26929_PI429010886	N55143	0.044143	18	12						119.1161	162.0946	228.0795	269.4831	167.5706	207.9222	181.1767	268.7143	197.6933	230.6845	173.5738	301.467	264.7596	280.0685	305.9676	193.3866	197.6076	224.4296	183.266	188.0209	150.8706	310.4051	194.4273	182.5915	186.6438	303.0187	241.638
CUST_3357_PI429010886	N14353	0.044186	21	15	242021864	Amphiphysin, putative [Pediculus humanus corporis			4.98E-49	25.43424	51.32807	31.13642	33.67567	29.6615	34.79371	21.59499	29.51147	23.53568	28.58102	26.07952	29.43141	31.2907	52.08136	18.66977	34.60947	35.19595	47.14099	36.43958	33.23976	31.18733	32.50993	25.88533	39.09341	27.48106	22.49442	45.42508
CUST_3463_PI429010886	N14553	0.044186	24	18						14.36708	40.53866	18.65856	13.89803	12.74489	15.53045	15.70076	12.81601	18.35021	21.49202	15.34644	20.93844	17.45526	26.78191	32.42452	23.21852	13.21272	43.11192	15.89244	30.83942	25.95987	15.77573	18.03368	15.56261	24.69322	31.17481	15.02569
CUST_45837_PI429010886	M70452	0.044204	24	0						94.42153	103.5678	68.44169	44.39447	53.36598	79.88802	66.29488	54.44415	43.26504	40.98995	42.45744	37.21745	71.41994	40.91962	40.59586	52.32373	78.77563	98.59007	81.36657	35.23219	37.62291	50.12589	45.83381	74.54008	57.49062	62.82655	53.95069
CUST_38457_PI429010886	M26896	0.044208	18	9	321478301	hypothetical protein DAPPUDRAFT_303131 [Daphni	Metabolic process	Carbohydrate metabolic process	5.17E-24	651.2944	1115.976	816.6897	829.4016	903.9804	401.7586	641.3583	1009.233	1039.842	1507.459	1188.466	1295.841	1168.631	1075.314	909.4624	1233.738	519.4558	670.112	985.3973	1599.783	1027.698	1355.174	631.4343	439.9985	996.654	1023.389	1437.865
CUST_44087_PI429010886	M64883	0.044208	18	15						63.60606	50.28232	40.04237	76.00574	50.61028	50.85184	56.59481	59.64714	63.54619	96.92806	97.42055	61.58977	64.0654	46.02417	55.23417	60.29973	78.83809	59.20737	59.31402	51.17489	43.15798	58.53061	70.05382	64.29604	70.08934	61.00433	57.76414
CUST_46457_PI429010886	M72709	0.044208	18	15						101.1196	126.8192	95.36046	98.82662	86.03759	105.6225	75.85953	76.25978	93.83775	116.9236	83.91514	123.669	84.77843	99.23417	109.2144	110.1036	103.3649	141.0077	73.84429	107.7922	58.74124	107.0314	93.80773	94.90628	97.47845	61.2231	87.92471
CUST_12204_PI429010886	N29099	0.044232	18	9	260794975	hypothetical protein BRAFLDRAFT_68970 [Branchio			5.62E-37	11.21854	10.35656	15.98525	9.442336	8.853279	4.789688	6.762779	13.14309	22.5259	NA	21.16443	13.49282	12.3155	26.84868	16.31327	16.45644	12.78311	15.2073	14.77827	20.61498	7.348282	19.51952	10.09872	5.742324	17.20887	17.79901	13.99622
CUST_34940_PI429010886	M11130	0.044233	24	6			Protein metabolism	Proteolysis		386.3769	1135.445	893.1457	929.9665	247.1825	348.906	565.8837	976.6512	389.4334	622.9374	358.8712	402.6363	230.7819	461.7538	290.4858	191.0009	132.88	28.85616	74.19557	474.2296	172.8115	15.53244	803.077	186.2287	4.443923	239.0491	86.37756
CUST_39212_PI429010886	M36171	0.044233	21	9	77743875	Euphausia superba isolate DGGE band AntEuk13-5 [				25.52007	46.53178	50.8348	97.40947	90.91352	42.44034	71.83981	346.6366	96.95634	64.66231	367.6066	364.2104	844.11	32.6735	298.0928	19.83493	171.1038	21.89378	43.14736	7221.522	153.44	34.97912	39.44223	22.33694	38.91585	190.1658	360.2672
CUST_44568_PI429010886	M66337	0.044233	24	18						170.6145	202.6446	129.4503	87.85163	141.9837	110.9478	116.4037	97.62464	138.5194	172.1829	158.9804	170.2053	148.6917	127.3563	154.7492	240.0651	93.09068	154.463	205.7316	163.3073	191.3918	225.693	180.6083	115.8704	160.5552	123.4117	182.494
CUST_42961_PI429010886	M61734	0.044242	21	0						127.112	127.6888	138.5998	114.5736	118.495	111.5705	121.3613	103.802	101.0393	137.4373	122.9126	99.57087	125.408	133.5801	116.8091	127.3882	145.2632	121.4442	125.9958	111.1643	129.0136	130.5118	134.5558	127.0219	171.8172	96.74817	121.6835
CUST_3800_PI429010886	N15301	0.044252	24	6						17.03915	19.53272	14.80704	18.72449	23.45771	3.614894	19.29593	21.86136	26.77181	36.89793	20.24475	17.93968	19.96619	16.09421	18.10067	13.45079	12.90145	14.12148	20.24475	25.10875	21.01736	10.95786	8.491672	9.124	19.4153	21.32603	19.37939
CUST_18702_PI429010886	N40252	0.044256	24	15	332023058	Protein lap4 [Acromyrmex echinatior]			9.97E-44	42.06392	50.46685	42.80624	38.84613	39.68929	60.19936	33.28531	44.28069	34.95466	52.09002	40.75734	38.95233	44.31012	53.77942	35.8731	67.44354	84.93221	60.12977	50.88285	55.59388	38.73495	68.61072	29.85793	43.21123	48.71321	56.07774	51.54875
CUST_41126_PI429010886	M56931	0.044258	24	21						29.52396	45.22744	45.07578	24.86204	30.59095	18.01173	36.98717	55.35407	59.41199	66.37222	40.54346	47.48523	36.29774	37.31224	29.33184	60.41993	23.1151	39.90906	48.25771	21.40624	27.49771	64.64991	37.20026	21.52428	56.94451	30.27191	57.08439
CUST_2762_PI429010886	N23553	0.044289	21	12	110671859	ALG-2 interacting protein x [Penaeus monodon]			2.58E-62	6.29798	11.39863	33.21431	16.53144	6.62402	11.11646	12.14051	7.213286	8.845266	5.311014	9.313914	NA	23.22371	12.01257	13.1549	10.74056	7.027442	14.47174	9.345594	18.60903	6.383064	46.06003	26.81675	10.12737	5.924845	8.830811	7.482892
CUST_33477_PI429010886	M6983	0.044287	15	9						1258.369	1140.062	1230.543	1030.678	1066.79	917.4556	999.7477	1013.924	1119.759	1245.02	1069.858	1724.056	1166.811	1271.51	1223.156	1642.187	1123.855	963.151	1050.577	1444.045	1132.32	1446.944	1181.018	637.4283	1747.319	1401.401	1690.584
CUST_44418_PI429010886	M65900	0.044298	24	18	242005302	ankyrin repeat domain-containing protein, putative			1.04E-24	11.412	9.625872	5.666175	12.10865	12.6532	9.601564	5.973441	7.995482	3.62823	16.44566	5.526487	8.908142	5.841607	7.93225	6.839858	18.87168	10.01939	NA	15.64506	15.02374	NA	15.26731	4.424481	14.39261	9.87605	NA	NA
CUST_30855_PI429010886	M14	0.044309	15	12						106.5844	107.666	120.8319	90.74799	95.74719	102.0907	116.2211	74.36967	120.7015	103.9198	70.80146	154.9678	100.1395	176.2631	127.601	144.5655	92.42083	116.8326	88.31622	83.32632	99.52485	104.9922	70.80885	97.93806	140.4217	103.6762	141.1131
CUST_31516_PI429010886	M1703	0.044309	15	9						84.96672	105.2698	67.22918	75.5762	83.85047	85.493	67.55015	60.14737	70.13886	79.28399	80.6942	134.595	90.76835	82.48421	123.0876	111.4235	69.00002	104.164	64.45055	119.4557	85.65603	81.22317	80.79066	57.63741	84.61863	68.25944	89.88488
CUST_38041_PI429010886	M23000	0.044309	15	12						4154.657	5726.098	5157.962	4701.722	3827.342	4447.018	3511.533	3772.58	4782.509	5372.754	3960.835	8304.282	5039.929	6920.477	7330.797	6416.964	3384.084	5757.178	3981.392	5991.557	4594.669	5407.054	4420.361	3886.072	6329.544	5751.466	6621.858
CUST_43760_PI429010886	M63883	0.044309	15	3	189236380	PREDICTED: similar to IP3K2 CG34359-PC [Tribolium			1.65E-52	68.85742	45.78676	63.34887	74.74125	97.70002	70.05382	99.45401	71.9016	42.05465	45.84492	67.60441	39.82447	56.76191	37.14124	44.09424	51.41614	87.26858	65.42927	87.87096	65.28922	45.98092	54.5276	57.59651	52.56534	66.45252	59.72331	32.3494
CUST_5141_PI429010886	N18309	0.044309	15	12	321468460	hypothetical protein DAPPUDRAFT_52407 [Daphnia	Protein metabolism	Cellular protein modification process	1.1E-107	112.9946	151.5629	122.4782	86.7497	87.07504	53.00119	80.05215	125.4876	121.7504	161.7779	92.38118	187.8401	116.5433	174.5449	143.2115	175.011	95.32771	117.4158	106.4056	147.0435	85.8526	150.2666	141.4904	79.55126	160.3449	104.2505	171.2071
CUST_6758_PI429010886	N22548	0.044309	15	12	321474804	hypothetical protein DAPPUDRAFT_309070 [Daphni	Metabolic process	Other	2.04E-97	185.8187	300.5825	257.6478	257.2108	208.6342	264.1236	225.5174	199.0669	266.0871	378.5438	194.6296	229.3254	295.9077	372.2181	312.5243	295.9544	287.9369	243.9907	117.9203	200.4624	250.3136	311.4551	217.4885	103.482	298.8597	275.547
CUST_8765_PI429010886	N23555	0.044309	15	12						87.20085	85.90922	96.55629	80.842	76.38976	78.53416	48.48483	63.1832	69.58984	78.27999	52.47261	103.3725	92.8298	87.03787	87.6112	98.46582	48.55278	56.27319	76.82089	76.34394	79.66167	75.22006	87.20085	58.81878	76.81043	71.38156	67.27473
CUST_9053_PI429010886	N23992	0.044309	15	12						83.56858	120.2505	107.7093	86.01753	74.89819	72.30449	50.039	62.5758	69.18246	106.4056	71.74926	110.9624	87.54624	103.0771	64.57467	90.8645	59.86271	81.94846	81.47819	59.6416	89.32488	58.74124	75.25456	55.48994	87.6112	45.1918	93.83775
CUST_12162_PI429010886	N29027	0.044309	15	6	260820407	hypothetical protein BRAFLDRAFT_116233 [Branchi	Metabolic process	Nucleobase-containing compound metabolic process	8.64E-38	97.47845	96.34482	134.0609	87.83251	105.1	90.53385	106.6808	162.4501	108.6696	134.6396	85.45263	139.419	80.9845	82.09306	88.22213	88.55995	71.61792	99.32217	98.37238	120.6234	103.7577	102.4535	131.6163	97.56553	87.41325	111.8286	112.2705
CUST_23841_PI429010886	N49569	0.044309	15	12						105.2005	106.4989	91.36505	112.8267	68.77033	74.66117	70.7166	85.05317	105.5089	125.4528	77.03965	113.1785	111.8858	132.5094	121.4703	131.1004	70.84411	103.1898	79.38753	113.8462	82.44448	106.4056	109.5287	61.16623	124.0489	117.847	132.4401
CUST_37230_PI429010886	M18282	0.044314	12	0	327881555	PREDICTED: tRNA-splicing endonuclease subunit Sei	Nucleic acid metabolism	RNA metabolic process	6.49E-43	41.65923	34.82515	53.61134	28.77687	20.09671	24.35068	20.42712	28.66586	32.73752	41.73826	23.78915	416.363	36.39221	53.11468	27.7492	32.94969	18.9533	30.27835	31.32413	19.58405	19.12864	38.37992	42.29494	30.04146	33.3884	31.56711	30.89566
CUST_30735_PI429010886	N62519	0.044314	12	3						104.6277	100.9304	66.75988	143.2572	237.1286	263.8365	269.7173	91.42252	68.52038	80.85722	181.5127	77.34848	87.45287	68.95801	68.02926	83.10449	298.3253	131.9783	241.7686	66.83042	141.9197	92.34903	134.7073	160.531	71.76497	99.30005	58.41483
CUST_16046_PI429010886	N35560	0.044432	15	0						235.3955	202.6087	204.1442	179.5282	213.8072	201.6936	194.2907	130.3743	160.531	147.5934	174.8583	141.1886	142.2988	189.5057	175.8911	159.741	230.1871	322.5506	170.9469	193.5271	204.2904	211.1942	151.5005	164.3174	160.1083	221.2444	183.266
CUST_24208_PI429010886	N50229	0.044432	18	12						488.5796	430.7898	358.6229	364.5694	544.2536	296.0384	369.1054	365.2576	336.6312	467.4407	636.6917	734.2085	649.8854	549.0001	510.9063	623.8166	379.0729	461.882	312.4226	1122.017	545.1015	593.968	303.4935	356.4277	505.1623	452.9164	541.9679
CUST_14362_PI429010886	N32761	0.044345	15	9	465980330	Nucleolar protein 14 [Chelonia mydas]	Nucleic acid metabolism	RNA metabolic process	1.07E-20	125.9453	197.2642	161.6167	105.5375	119.3258	99.67314	117.6403	120.7762	147.5068	211.4366	137.9332	204.1086	162.3872	185.8187	137.8094	197.6933	100.5554	145.794	143.7068	180.2796	158.496	179.6124	143.8508	88.75833	205.4682	151.7723	209.83
CUST_20422_PI429010886	N39213	0.044345	24	21						810.6402	530.8519	NA	793.9994	289.8469	333.2881	698.6187	48.96007	601.7703	NA	NA	NA	484.607	34.84989	321.696	266.722	NA	NA	26.6367	1526.164	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	32.8748	3.545379
CUST_46087_PI429010886	M71333	0.044396	21	18	443696486	hypothetical protein CAPTEDRAFT_172435 [Capitell			2.55E-18	75.2717	82.78386	68.64401	56.36899	87.87096	56.13335	43.48001	49.02476	46.991	111.7257	64.20475	69.59584	66.13621	64.18609	68.45737	81.82955	42.84657	86.31209	60.97252	79.24559	80.15845	84.722	71.85634	66.75988	68.52849	61.86332	57.59651
CUST_17353_PI429010886	N37821	0.044413	18	9						21.99372	32.11242	30.97619	22.79797	18.19413	23.00326	24.45953	21.61291	23.88883	37.28203	23.92874	48.96007	25.70952	36.23362	28.59095	37.71174	18.93228	42.34616	29.00481	26.63383	20.69091	27.60111	22.29454	20.4413	26.44212	27.17065	44.68023
CUST_24542_PI429010886	N50810	0.044413	12	3						1970.653	793.0472	894.6121	4480.043	3132.563	7811.413	3517.336	810.2943	1444.613	1220.638	1992.587	131.3416	1263.557	852.6077	954.3357	934.5759	4579.426	5133.687	2424.452	191.0009	3489.908	1237.49	2387.546	5152.319	320.2376	3237.592	113.475
CUST_5656_PI429010886	N18999	0.044447	18	0						1929.904	575.3599	1729.171	535.7875	1060.287	691.4084	1793.14	627.2172	606.7586	454.184	1409.58	492.7259	581.5974	587.4356	511.9204	474.2296	1634.318	473.8216	1746.637	670.112	963.6143	721.5575	1704.986	1498.845	749.7018	525.7241	599.1678
CUST_813_PI429010886	N7400	0.044451	21	6						55.55289	222.7049	125.0127	459.0733	211.3962	379.0179	146.0723	514.1495	531.3865	190.5242	437.7044	685.9612	327.0942	463.2589	356.6641	85.19825	165.9503	114.443	123.6231	1215.238	434.2638	76.98006	181.4858	121.5738	81.86063	549.2217	519.8548
CUST_48027_PI429010886	M78587	0.044529	18	3						5.510093	14.35732	13.61134	NA	20.31401	9.166269	4.541579	10.47429	NA	5.777163	11.76447	11.49808	3.992492	3.337384	NA	7.452286	7.544684	9.044875	10.7968	4.716459	7.106027	20.4513	NA	NA	7.891053	7.785373	8.564683
CUST_48531_PI429010886	M80827	0.044529	15	12						692.3236	823.8136	869.29	653.8395	681.5488	859.4575	526.4672	616.7782	710.0284	804.2481	599.2901	1171.568	712.5461	1027.997	1048.248	1022.449	612.9216	824.1385	675.3956	859.0461	740.4281	816.1069	778.015	607.4385	894.6121	881.5993	912.0221
CUST_25744_PI429010886	N52976	0.044555	24	15						86.07302	97.24592	112.5022	108.6016	74.84295	79.08585	77.69906	67.36225	80.19532	132.5094	99.99373	192.9657	96.37601	131.4711	131.1403	154.1768	97.42055	104.192	111.1358	92.46177	108.3614	110.9974	105.3949	118.5121	98.86383	89.19702	110.273
CUST_17412_PI429010886	N37183	0.044555	18	12						8.446586	9.464207	38.84741	NA	4.852776	25.88998	25.6517	20.63783	17.75939	20.14149	19.13785	41.89305	86.67205	27.47752	13.27377	18.6021	8.423	17.28401	16.24967	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	16.51144	1.5E-07	1.5E-07
CUST_34595_PI429010886	M10110	0.044628	18	3	48094341	PREDICTED: myophilin [Apis mellifera]			2.3E-68	144.6868	48.66621	166.2545	75.2875	455.1929	187.5572	467.2192	46.20496	42.40805	40.2115	416.7544	51.32807	36.99055	52.25652	44.97678	72.17688	714.2963	165.4521	455.4031	42.21202	585.0822	64.03011	812.8751	791.5217	52.61483	49.49037	54.10775
CUST_5045_PI429010886	N18190	0.044688	24	18	524911143	PREDICTED: DNA ligase 1-like [Aplysia californica]	Response to stress	DNA repair		103.0871	139.2667	85.15981	73.41537	80.5848	75.31286	53.07285	94.06166	100.0068	92.8298	88.71715	136.4498	89.30785	109.0193	134.595	165.6901	94.5989	95.37902	100.7517	128.0141	118.1013	111.4706	109.4916	75.43095	126.1763	97.46537	121.4237
CUST_29287_PI429010886	N59554	0.044691	24	18						103.6887	130.7243	113.3117	87.54624	89.00024	73.69227	71.16635	53.03364	92.31619	122.5998	93.82886	118.2155	79.16747	106.7633	87.57209	125.1451	68.95801	107.3346	97.03372	126.8764	152.4677	95.52923	120.4628	76.75659	136.9448	106.7139	112.7046
CUST_29407_PI429010886	N59800	0.044714	15	6						85.77984	78.49411	94.07093	106.5597	95.12719	74.14418	110.2048	85.18737	93.82886	136.5503	82.29118	114.8668	83.42195	81.18707	72.59038	85.94103	78.13459	89.16253	91.36505	93.10199	115.1327	100.0986	122.0182	99.25819	88.63339	243.718	100.336
CUST_44724_PI429010886	M66784	0.044715	15	3						20.6935	17.88508	9.218873	76.61613	71.47658	138.0091	86.24828	51.5653	35.91157	3.804265	43.10871	NA	37.32614	11.7971	22.38584	7.885901	129.5236	70.02583	52.801	NA	53.44251	7.844929	64.42438	89.43652	9.183116	32.51286	11.20539
CUST_16495_PI429010886	N36332	0.044719	12	0						83.75206	75.12567	94.34866	67.65513	57.61472	50.22122	61.05172	52.33717	89.10973	90.65923	64.14878	73.29485	70.03699	106.7139	68.44169	53.1957	58.00017	79.18359	67.65513	64.33014	79.73386	122.0534	82.62874	79.07776	70.76377	84.63515	73.68557
CUST_20432_PI429010886	N43426	0.044719	12	0						685.806	588.5777	788.3593	461.6522	569.4459	671.3234	532.0502	537.4529	453.3672	650.5246	556.0784	838.3296	619.0377	606.3721	715.8969	556.2338	544.2536	529.6585	525.4442	631.4343	500.6766	839.8931	742.4096	667.8908	649.1033	607.2425	728.657
CUST_37848_PI429010886	M21859	0.044722	18	9	260801594	Branchiostoma floridae hypothetical protein, mRNA	Cellular component organization	Chromosome organization	2.79E-93	425.5183	1063.11	615.9204	593.5055	676.7937	511.8133	472.651	576.6597	803.077	899.5738	620.1455	1299.658	811.2478	859.4575	844.933	1066.553	496.4081	724.6164	806.0846	793.0477	737.2359	573.6965	633.0392	534.0061	1186.768	727.6229	952.3475
CUST_45514_PI429010886	M70132	0.044727	15	12	321473002	hypothetical protein DAPPUDRAFT_223051 [Daphni			2.84E-14	17.02546	14.72582	11.49258	15.51227	12.67545	11.06582	7.589468	11.37935	8.3117	17.00167	17.60068	24.21006	8.827909	14.47795	7.635215	22.16053	17.93897	9.8202	7.9722	7.932042	9.833527	15.01495	14.49776	15.68269	15.62697	7.932042	9.833527
CUST_14493_PI429010886	N32975	0.044723	24	15						8.769916	13.18436	10.20522	NA	10.7807	7.368786	6.910269	3.747255	6.895828	5.640027	14.72238	7.102715	18.82741	16.23932	7.408115	NA	14.73565	NA	12.84324	NA	4.988225	15.5304	10.37567	NA	12.38947	12.88874	NA
CUST_17496_PI429010886	N38069	0.044747	21	15						140.8613	120.5115	147.2771	99.84559	116.6557	116.73	108.6974	94.54715	106.1066	133.9495	102.782	119.841	115.9538	132.88	83.24628	145.9205	133.2264	144.3428	99.11857	150.8429	142.194	144.9791	117.9167	114.9975	129.6855	102.2185	159.32
CUST_36588_PI429010886	M16302	0.044748	24	21	241632816	ETS domain-containing protein Elk-4, putative [Ixod	Nucleic acid metabolism	Regulation of gene expression	5.95E-48	14.94965	NA	10.3727	9.008803	16.4962	6.047731	8.578901	5.144335	9.581554	9.403927	6.566142	8.190659	10.33897	12.8856	14.68167	17.76083	14.33088	7.710119	NA	8.73506	14.51697	15.88213	14.70984	10.73459	7.242163	49.69406	13.44859
CUST_36114_PI429010886	M14674	0.044753	24	0						18.08454	26.80106	28.55766	10.53251	7.579956	14.27753	19.99534	21.22218	15.78237	17.93968	16.54538	17.66078	14.3364	17.1412	16.99938	25.00056	8.128829	11.68857	23.52815	19.24305	22.55627	19.60466	21.94448	13.03387	23.53859	29.15169	30.61198
CUST_35930_PI429010886	M14001	0.04476	21	18						268.1153	354.9858	224.6063	192.7945	178.7372	211.1137	176.4634	212.4692	159.0029	291.7598	204.4866	179.7938	184.0607	222.2406	250.8965	333.6383	223.1189	217.6167	230.3934	313.5825	218.1405	346.5286	188.427	207.6805	349.6083	219.3834	229.0179
CUST_12559_PI429010886	N29651	0.044783	15	12						904.602	1002.084	731.6805	677.1285	606.4913	644.3019	604.7306	648.9401	666.3149	914.3958	660.5155	831.3875	769.0647	878.7545	911.24	1013.924	696.3149	738.2515	934.2348	846.1561	790.5889	958.279	672.9863	618.8739	956.1852	707.3962	894.0864
CUST_45070_PI429010886	M67909	0.044812	12	0	242011956	ubiquitin conjugation factor E4 B, putative [Pediculu	Protein metabolism	Proteolysis	3.22E-29	40.97837	60.02795	66.52424	35.48044	39.14518	44.98472	45.83957	41.67274	43.68839	54.51541	40.03759	50.00256	43.35404	54.87191	53.25416	58.01793	48.81237	43.80188	47.80199	36.5186	31.54852	73.88403	49.84719	32.65296	60.0207	53.48774	58.0737
CUST_31419_PI429010886	M1483	0.044838	24	18	391331678

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_17311_PI42901886	N37755	0.045544	12	0						81.49546	85.47277	91.47195	48.84271	52.034	44.62585	46.42413	65.31258	64.94243	78.101	56.52083	71.48709	76.19351	64.5831	81.31771	109.5638	69.0725	87.58042	75.2095	60.13681	89.419	71.43276	37.52679	85.60322	75.29438	94.7426	
CUST_37650_PI42901886	M20251	0.045545	21	15						16.5713	12.53208	28.66257	NA		6.606034	8.346516	12.83173	23.05797	11.02819	14.17862	4.611346	6.74367	15.45873	14.15692	12.63269	NA		27.38976	15.22808	17.25976	NA		11.61773	NA		19.97149	10.87219	9.934601	12.61292	10.79319	
CUST_2271_PI42901886	N15861	0.045548	12	9	156541526	PREDICTED: cullin-4B-like [Nasonia vitripennis]	Protein metabolism	Proteolysis	1.6E-122	88.65038	106.023	82.76433	63.76139	86.32314	89.74363	109.7731	80.03068	64.00351	140.0198	80.87419	107.512	81.69291	54.0232	72.61909	92.53187	84.88576	89.03619	104.2212	89.93577	106.023	127.7418	81.31771	78.29209	75.45183	
CUST_56046_PI42901886	M112617	0.045562	18	3						74.96433	57.02142	27.43923	72.66838	32.66922	45.63167	51.87045	32.62278	35.57263	32.11685	17.17879	54.99653	32.60067	25.46475	28.54216	38.75769	17.64732	34.17378	19.24807	15.69237	21.22623	50.43862	65.4438	79.1048	26.49815	22.8004	33.92714	
CUST_13157_PI42901886	N30681	0.045585	21	0						75.04275	69.69491	68.77033	42.54782	52.93292	31.90818	46.29572	248.3781	41.87987	81.86063	43.961	46.74367	32.55631	30.37057	28.19347	93.59991	57.02142	56.28989	56.99751	57.73367	58.85973	79.43105	64.99075	36.6789	49.21104	61.63016	49.02476	
CUST_5950_PI42901886	N19417	0.045599	24	6						542.3878	355.193	NA	704.9925	145.1631	555.3104	675.7327	432.4326	592.7227	NA	33.41929	NA	501.1913	53.36967	281.7845	60.22346	171.7375	220.8734	214.2001	NA	16.1574	12.55922	19.12346	545.5317	NA	411.2669	NA	
CUST_34655_PI42901886	M10251	0.045615	12	0	270013418	hypothetical protein TcasGA2_TC012014 [Tribolium	Nucleic acid metabolism	RNA metabolic process	6.36E-22	50.75355	57.98645	42.71853	37.5119	43.66792	34.08252	21.32406	31.35806	30.66153	40.2482	46.26909	65.74131	86.64513	52.2983	35.58868	55.93124	32.98635	54.87191	32.53107	38.44815	33.45023	55.44212	44.18564	48.43308	50.8686	31.39141	45.29693	
CUST_4037_PI42901886	N15861	0.045628	24	15	383855622	PREDICTED: neurobeachin-like [Megachile rotundat	Developmental process	Multicellular organismal development	1.28E-76	41.06137	41.23292	60.35512	32.35642	33.59506	26.50986	31.08481	29.00151	37.99673	55.6042	39.1027	29.51436	33.16699	50.2602	43.57816	50.27036	51.92939	44.90621	48.84923	44.014	33.55523	71.83981	39.12009	41.43739	68.84477	29.17357	60.17363	
CUST_14779_PI42901886	N33457	0.045628	21	3						75.52934	253.4728	82.82132	350.0282	128.0504	178.833	95.18251	78.72104	68.03939	84.28941	41.0381	120.8319	68.26569	91.91837	86.54824	88.87538	32.89748	77.89081	48.67019	68.73669	164.6734	86.2674	138.8365	98.56528	158.5656	229.7242	67.50801	
CUST_6480_PI42901886	N20156	0.04563	18	0	321461563	hypothetical protein DAPPUDRAFT_308176 [Daphni	Protein metabolism	Ribosome biogenesis	1.31E-95	120.9334	152.5355	140.7358	68.18607	114.7111	116.5433	100.8309	95.10396	103.384	100.955	91.04016	122.8712	93.44686	77.37108	86.78972	108.0186	83.09489	151.4536	111.5529	145.0486	114.0443	96.61745	117.4728	70.7847	97.74764	79.55126	83.0149	
CUST_38918_PI42901886	M31949	0.045671	12	3						892.629	710.4011	713.6188	982.4374	1122.467	1159.33	1102.275	694.7611	670.3311	685.5063	818.0738	543.0155	618.3611	557.6662	882.8865	1064.697	1291.558	1079.829	1127.217	634.6129	816.3533	938.0188	763.6837	844.3643	822.9643	771.3694	823.8136	
CUST_54667_PI42901886	M107092	0.045691	18	5						354.8939	329.7729	303.7719	386.0388	371.1359	357.862	359.297	268.82	248.3781	328.5456	380.2921	321.803	200.7582	274.4437	228.1481	329.2355	442.5257	287.2312	356.9822	224.2596	318.8167	379.5119	343.0578	302.4916	469.1551	317.2087	295.5774	
CUST_54549_PI42901886	M106471	0.045714	21	0						80.37733	105.6225	89.34718	87.76889	86.46205	81.70156	64.57467	60.63321	64.24619	64.48135	70.94036	36.41327	55.36449	59.10759	68.77033	118.9466	51.82417	89.80969	54.91632	84.59116	58.24456	132.5094	68.35087	80.06962	79.76051	55.62798	52.05083	
CUST_51253_PI42901886	M92816	0.045719	24	18						10.4013	43.28801	19.63157	38.02052	22.28718	6.874216	15.2714	13.75242	7.022738	57.06419	22.20218	35.67075	39.74462	13.16726	25.29278	47.00702	14.85125	36.7953	25.84583	44.07915	47.53841	40.23032	24.15613	14.15378	43.01496	17.00952	23.91945	
CUST_32211_PI42901886	M3534	0.04575	18	15						773.1832	954.6687	643.5529	722.955	865.6927	824.3794	719.8537	608.3741	540.3051	862.1393	783.8018	739.338	604.157	664.7021	761.273	1027.997	940.8909	911.683	788.0347	785.9549	571.7132	857.8725	641.5416	672.5182	935.7487	596.4585	517.1879	
CUST_54179_PI42901886	M104957	0.045757	24	21						41.94521	58.4329	57.40224	49.96713	59.35924	57.69532	41.91362	53.15786	53.69064	54.63011	63.66464	68.18607	53.54974	42.92316	46.74367	41.50677	54.6863	49.66096	45.71627	77.60864	59.23972	73.93957	63.82351	70.23023	71.54826	65.81652	69.94604	
CUST_10233_PI42901886	N25921	0.04578	18	3						23.5201	20.11049	20.54425	37.9853	33.75702	37.94571	24.44701	24.54709	30.99084	33.26161	27.06954	26.70632	18.70952	24.99108	25.5267	33.93351	25.47199	51.56072	28.42752	22.75236	32.03181	41.32867	30.34438	35.02024	18.05541	36.47059	30.08532	
CUST_53926_PI42901886	M103734	0.045794	24	15						151.2877	125.4314	167.0802	128.9362	129.8621	170.8572	156.8624	120.114	109.9562	168.7266	252.0389	191.1723	140.364	167.4108	166.4042	260.373	148.3869	198.0363	159.3888	245.1598	270.2125	188.7518	143.8341	148.3869	146.0723	168.58	174.3314	
CUST_40954_PI42901886	M56473	0.045794	24	15	391336842	PREDICTED: long-chain-fatty-acid--CoA ligase 4-like	Metabolic process	Other	8.05E-67	136.9094	124.7036	135.3886	85.31136	137.25113	134.3489	112.7335	107.1844	111.0395	171.8504	137.865	147.7426	60.52796	120.496	117.5843	164.2756	151.4536	189.4251	150.3479	152.8418	158.8254	169.2316	125.5811	142.3214	205.2921	172.498	204.885	
CUST_44612_PI42901886	M66475	0.045804	12	0	443690866	hypothetical protein CAPTEDRAFT_204931 [Capitell			2.66E-20	12.79677	14.00188	14.37562	16.65858	12.20868	6.931825	5.286981	5.830969	10.10842	12.34018	4.811712	14.70218	8.007045	12.48018	13.97554	10.70475	14.90554	13.01044	NA	6.825412	8.253508	12.76533	5.72427	NA	11.43831	4.879881	10.49349		
CUST_57125_PI42901886	E1235	0.045809	12	3	156553659	PREDICTED: nuclear receptor 2C2-associated protein	Cellular Process	Cell adhesion	1.85E-21	8.180112	11.01728	12.14326	NA	12.33539	16.91691	10.04812	8.353787	NA	10.66414	9.673986	5.369319	5.458239	12.84177	8.259244	20.63988	NA		20.65721	11.17512	13.58792	NA		16.75298	7.423086	3.678115	11.12353	8.908142	12.16055		
CUST_50890_PI42901886	M101360	0.045832	18	15						40.1147	39.86189	26.05952	74.50049	54.69269	50.2407	32.54126	15.37925	25.37501	36.08065	21.07244	43.71768	61.02204	55.17531	64.00351	93.59388	43.85634	100.468	93.92026	62.46895	28.23857	56.84246	25.29581	41.07419	43.59907	28.48354	35.56782		
CUST_53571_PI42901886	M102302	0.045837	12	12	444516848	Tankyrase-1 [Tupaia chinensis]			2.59E-14	22.52813	27.49986	31.02643	30.45027	27.8201	20.62529	32.50043	27.0144	23.4104	22.14979	38.09477	29.24887	34.69687	31.7359	40.98995	45.64715	29.74822	22.00022	20.86179	21.60382	28.06711	34.94529	32.02812	23.8296	32.60782	24.83878	41.66889		
CUST_37012_PI42901886	M17537	0.045837	12	9						138.3413	106.1197	51.73412	68.49231	26.75249	12.10209	71.19165	15.70949	49.18958	59.12378	77.74288	57.3687	52.3781	112.9419	72.71237	94.06166	36.62775	66.20577	42.18503	29.24265	28.28914	95.84863	53.03978	76.07766	129.3158	66.01381	46.47367		
CUST_47075_PI42901886	M74730	0.045837	15	3	383848471	PREDICTED: uncharacterized protein LOC100878505			9.04E-32	28.05064	19.87086	30.03474	41.55928	36.89165	54.58347	42.84657	19.06722	19.74119	26.44706	39.16663	21.07244	20.38809	27.43011	26.62182	28.61737	53.98541	35.74774	38.31638	46.95889	37.29054	39.45879	21.22872	25.1646	38.12809	32.45453	28.26127		
CUST_50276_PI42901886	M89282	0.045837	9	12						476.2802	620.7934	611.7017	513.9071	432.4326	638.2757	428.865	463.6969	478.074	570.1143	494.9533	822.9643	553.9482	724.7977	966.7908	683.3484	438.1052	559.2711	524.2243	595.305	518.2235	636.6917	521.8521	465.6558	573.39	676.9355	703.0939		
CUST_4286_PI42901886	N16406	0.045837	15	12						169.9162	213.3434	212.9853	180.4095	197.1816	196.4719	154.8889	171.5942	154.9491	192.2628	190.3369	179.5282	195.1331	224.5142	188.2417	172.8801	196.6343	158.9804	173.8566	227.0035	219.5762	141.7485	157.9269	178.6841	192.7007	194.3859	255.7006		
CUST_52320_PI42901886	M97048	0.045855	24	0						73.73837	64.23886	50.80203	38.95233	54.17026	57.64388	49.04708	42.05204	48.09585	50.99115	43.75138	42.42487	44.07419	38.8107	41.92389	63.24081	57.97853	57.92964	68.26569	52.30747	53.74643	65.49916	46.77892	43.46213	100.651	42.59897	74.00809		
CUST_28864_PI42901886	N58750	0.045867	24	0						46.12938	32.66922	45.86308	28.75284	44.27177	37.96902	20.82459	29.82743	33.87876	43.57816	26.37834	42.10422	37.61954	38.25818	23.70999	33.81876	21.19291	27.13598	33.12364	30.00329	49.57895	37.40452	35.05162	21.72163	41.50677	38.66042	55.784		
CUST_27431_PI42901886	N25869	0.045869	24	9						57.73367	56.76191	80.90583	57.63741	62.32467	79.4217	43.81829	45.24266	52.93772	47.26675	58.85113	34.59885	45.65948	53.61134	43.04692	91.22284	73.38298	83.21112	66.60678	70.22761	56.10275	65.93933	47.01058	60.54253	77.07108	68.62026	117.2732		
CUST_17058_PI42901886	N28855	0.045904	15	0						48.62311	58.47643	63.61419	32.44657	15.96047	18.11602	22.29454	21.59499	21.82677	11.84887	24.983	22.18079	13.65469	9.180913	NA	28.22332	NA		NA		34.69687	14.52536	NA		43.45754	16.61514	12.56568	8.723307	11.97085		
CUST_45152_PI42901886	M68143	0.045932	21	9						44.63765	87.05061	71.05715	67.64754	21.82183	30.78076	115.3125	138.2381	51.72418	65.46343	134.1419	105.4346	122.0311	131.4929	71.46757	50.58305	44.02718	65.77588	48.9358	145.1839	60.75286	79.22919	132.473	59.27376	36.15703	55.71823	36.47059		
CUST_21873_PI42901886	N46016	0.045941	15	9						6.820714	14.73825	14.13262	7.182647	9.316937	NA	16.96853	14.85731	12.20426	17.11553	20.61255	18.99123	10.53483	17.05513	12.05708	12.12459	10.71609	NA	8.487802	17.61748	8.098026	20.10327	7.286814	NA	23.35433	NA	11.12353		
CUST_21833_PI42901886	N45939	0.045964	12	0						25.02094	47.67267	33.63068	49.91173	23.71956	10.62697	19.16725	17.21816	24.33459	30.9788	21.8588	30.558	48.53244	58.93488	34.24386	33.25728	17.10186	33.18183	30.44396	20.859	26.26527	31.34763	28.82637	29.50649	39.31065	20.78572	23.80497		
CUST_53388_PI42901886	M101513	0.046029	15	12	260832820	hypothetical protein BRAFLDRAFT_120334 [Branchi	Protein metabolism	Cellular protein modification process	1.5E-47	45.42072	58.83776	69.63319	49.3358	49.1739	56.08637	59.10759	44.41825	45.89685	94.03801	47.40597	71.93323	61.64915	77.38027	70.33128	64.25402	80.34778	52.28302	57.00887	60.29484	44.37542	56.9379	64.58903	28.47733	63.06953	45.58039	60.86834		
CUST_15343_PI42901886	N34433	0.04603	15	12						36.86394	50.4763	39.54839	46.35772	34.27813	41.99242	27.50275	30.9788	30.22418	42.8661	40.7292	55.33618	21.02441	51.38396	49.47471	47.71565	36.5619	45.2318	42.21202	34.30407	40.58399	42.36861	23.98815	34.02396	56.39846	51.62562	46.82282		
CUST_32824_PI42901886	M5193	0.046049	15	0						161.1033	250.5389	56.64713	201.6148	137.8813	144.9176	124.1661	30.42832	110.3777	65.84223	34.73538	46.63569	98.55351	72.33072	145.9962	155.649	23.21852	149.9525	46.87213	70.53195	58.62811	117.3039	52.42987	114.6015	57.60743	57.29447	36.22069		
CUST_22637_PI42901886	N47377	0.046078	18	9						6.943814	7.354715	10.41346	NA	7.092466	9.883505	10.91146	7.807289	11.10196	NA	22.13675	25.34187	19.32948	13.56887	14.98523	NA	10.36994	9.34052	NA	27.42544	14.59087	11.87443	NA	3.808743	33.30987	8.042965	11.82579		
CUST_52331_PI42901886	M97084	0.046101	18	3						73.61433	54.7161	102.4647	74.18777	77.32264	161.1553	87.81308	70.47896	86.2674	97.10121	78.54463	99.26813	94.03801	51.40578	50.18617	60.28718	51.37925	70.98423	65.26948	77.34	70.14592	86.94867	113.1045	105.6505	76.98006	425.1252	63.00905		
CUST_9937_PI42901886	M25439	0.046132	24	15						22.78329	22.19942	9.064427	23.97713	24.22757	25.77821	11.44906	15.17345	12.37483	19.2011	16.62053	15.47412	9.893302	15.66738	11.17351	19.30028	NA		14.61213	7.064133	12.44134	9.102248	21.61085	10.07877	12.59294	26.08326	12.59547		
CUST_30020_PI42901886	N61018	0.04618	21	3						64.00351	42.02191	34.2288	56.0501	53.70396	72.9942	41.45965	52.88574	34.28772	51.7896	45.53002	38.31256	33.69477	41.61311	41.50205	39.52535	49.71501	67.73286	57.52971	50.44452	39.33849	62.08961	40.52511	59.92145	60.00971	57.27407	53.27432		
CUST_16536_PI42901886	N36420	0.046208	15	12						NA	95.06463	68.81509	32.18854	32.8295	47.11613	4.458762	9.739447	16.83531	220.8472	65.57569	214.59	122.2373	30.77807	68.38203	93.66147	NA		NA	43.5925	54.94382	113.8304	41.23729	60.20751	23.58263	302.0506	78.46976	385.5507		
CUST_39812_PI42901886	M45029	0.046264	18	0						24.52204	662.9564	553.7439	10.04101	11.74612	8.387454	20.3477	26.29583	19.57173	6.43023	12.7848	6.831546	12.61125	29.91744	8.233831	7.624707	20.93627	11.80446	20.3261	211.0494	11.59303	60.5947	19.76282	9.45038	12.94169	7.393906	10.10703		
CUST_12535_PI42901886	N29615	0.046264	18	3						56.41396	48.36598	63.6301	64.66893	83.43282	88.77007	84.58422	43.83106	38.81418	41.53296	60.93069	41.45045	39.126	51.07827	58.482	51.0383	99.57087	55.28288	78.01974	40.15861	64.5831	63.56474	59.57181	72.19392	55.84573	44.76886	55.43705		
CUST_22996_PI42901886	N48080	0.046264	18	15						33.01824	29.56124	14.31222	53.86098	38.36859	44.03128	24.36264	18.92468	23.25228	34.43117	26.64532	36.07548	30.77101	29.61528	27.70404	73.54244	47.03677	40.46037	13.46279	69.13832	25.36189	35.1842	30.26479	31.76384	16.26898	32.52286	9.687487		
CUST_33197_PI42901886	M6249	0.046278	18	6						5.460269	1500.167	1161.62	NA	16.9554	6.804229	385.0916	379.0729	323.6189	164.7626	226.3675	393.8505	191.2652	137.2146	111.6728	86.35271	14.70096	80.92356	203.324	58.26543	270.1737	112.5941	108.555	87.09496	280.3132	184.2793	337.0926		
CUST_4809_PI42901886	N17525	0.046294	21	15						29.01472	27.25206	32.10376	39.13386	28.57291	17.83264	53.20475	27.63541	43.40546	15.54567	48.21189	10.12411	27.90015	31.02908	30.88907	36.115	57.96208	58.83154	50.27036	27.52766	50.39753	28.04755	45.66434	61.82662	24.26504	24.61213	24.16344		
CUST_45310_PI42901886	M68669	0.046298	18	9	242015135	Thrombospondin-3 precursor, putative [Pediculus h	Cellular Process	Cell adhesion	2.45E-23	389.3563	297.6952	212.2526	352.7559	575.2228	452.1056	545.5317	226.6106	294.6992	618.8739	554.3622	459.3991	341.9433	314.4386	231.6859	523.7505	616.4707	644.4395	139.1382	167.1583	235.2181	589.6619	316.8071	338.7294	436.3193	319.1396	415.7405		
CUST_27274_PI42901886	M44422	0.046319	24	0						8.956327	NA	11.80574	18.72053	5.24251	NA	NA	6.893139	7.137459	11.59303	8.479761	15.90074	11.41581	27.58834	19.57848	13.69592	7.478506	14.35762	7.502777	4.067568	16.5848	14.25066	15.95634	15.95534		
CUST_5531_PI42901886	N18825	0.046315	24	15						583.066	761.7734	545.9123	615.3731	722.0011	526.8072	452.4978	417.4973	525.2083	678.2021	602.272	977.0262	536.1688	646.7171	672.3398	1318.564	591.7087	732.5018	634.9072	942.9477	707.1584	1128.352	585.6944	635.813	988.77	412.4272	755.5617		
CUST_7553_PI42901886	N21719	0.046332	21	9	321457121	hypothetical protein DAPPUDRAFT_330318 [Daphni	Protein metabolism	Proteolysis	9.16E-25	5.69423	47.19112	24.135	73.47109	150.4806	77.95158	58.75213	275.0769	179.6526	38.90216	323.5707	384.3454	171.2587	45.44604	110.4435	NA		88.14739	NA		25.46966	382.0118	154.3834	NA		84.1757	49.59839	NA		176.9698	166.7311	
CUST_47754_PI42901886	M77475	0.046333	18	12	291228352	PREDICTED: CDC42 binding protein kinase alpha-like	Signal transduction	Intracellular signal transduction	3.2E-21	27.17605	31.43817	23.62378	19.19079	23.12912	6.654035	20.25895	9.262293	23.38375	25.76654	22.14395	47.77962	33.2742	22.9575	32.62278	38.13489	10.23206	27.04148	20.14785	28.7982	19.62649	22.22394	14.84209	19.30622	40.04237	9.895282	18.49479		
CUST_10529_PI42901886	N26376	0.046333	18	6						64.4873	68.12178	59.12871	57.6895	83.39175	98.47983	187.276	71.79355	202.3705	84.015	75.69546	86.38663	96.89497	85.10115	65.0047	92.46177	139.562	103.5442	77.39037	40.52511	54.21273	46.79377	71.98272	89.14278	139.4961	82.53975	95.29429		
CUST_19176_PI42901886	N41116	0.046339	24	9						31.60035	38.82583	57.92964	41.36078	36.02623	26.23144	30.81693	28.23857	37.60789	34.92205	37.20061	49.82473	23.51614	31.61657	31.22768	32.11242	37.77068	25.58851	21.59935	22.38112	19.57173	17.39038	33.91251	27.44311	19.91752	27.0028	31.4416		
CUST_38172_PI42901886	M23838	0.046346	15	12	227122184	masquerade-like serine proteinase-like protein 3 [P	Protein metabolism	Proteolysis	4.98E-17	2522.174	3128.702	2779.017	1571.524	886.3986	325.3231	3184.108	2461.297	3020.819	3673.827	1064.349	1998.595	5004.678	4480.043	2722.22	4021.809	2906.073	1089.985	1917.136	2777.472	1492.759	4135.156	3312.37	1265.474	7099.277	1165.381	7662.198		
CUST_17238_PI42901886	N37631	0.046346	15	12	512817511	PREDICTED: uncharacterized protein LOC101731061			8.96E-16	7.924854	13.06649	14.02581	4.859225	18.33968	9.836031	11.11786	19.88004	7.040982	8.97147	14.40423	12.88026	14.9294	28.71965	17.34415	10.33682	10.99683	15.95324	8.330776	5.637553	9.830811	16.34959	8.884013	11.83405	14.20826	7.260457	13.94454		
CUST_36231_PI42901886	M15102	0.046348	18	12	380022121	PREDICTED: LOW QUALITY PROTEIN: dystrophin, isc			7.08E-29	191.0009	202.7615	220.0942	139.2832	184.9825	169.5547	144.2346	164.7862	189.3668	238.941	186.6214	332.0008	188.1392	245.2402	289.5961	292.8985	167.3467	230.8719	198.0625	276.7912	200.4301	239.3095	170.4197	179.5033	216.3677	222.3148	244.4297		
CUST_21959_PI42901886	M46157	0.046349	24	15						56.66692	42.73401	80.36337	118.4789	74.90972	136.6977	63.40813	41.32867	33.50292	36.72024	64.50903	37.31224	34.73053	48.33331	72.69598	91.83515	77.49408	108.1419	58.04233	115.6929	57.47568	86.689	72.43966	58.1188	64.2289	85.1386	31.42645		
CUST_55593_PI42901886	M110884	0.046388	24	0						521.963	591.8445	629.9728	586.2213	541.9679	578.1088	543.5013	457.9897	584.8769	587.2428	434.6643	422.7364	456.5493	670.112	297.0259	722.474	487.3364	608.2249	470.9976	613.6489	528.026	596.6167	506.8788	485.9211	864.8993	653.3522	787.4832		
CUST_49938_PI42901886	M87797	0.046388	24	0						37.14124	24.11521	46.25026	14.00731	23.04508	45.17801	19.02231	31.96544	34.74686	30.9722	22.38584	21.27634	25.10042	28.92063	33.27763	30.0795	28.90976	31.09423	20.47188	28.87402	30.58787	35.16159	32.68431	25.57234	40.73672	48.49494	43.40065		
CUST_18002_PI42901886	N38977	0.046429	15	9						5.798248	11.04742	NA	14.44266	5.327	5.390817	NA	NA	4.898275	20.41951	11.82406	28.12721	9.263386	NA	10.75903	17.44175	8.765923	11.58812	6.058176	8.624589	9.731006	13.47393	8.86752	NA	23.04091	9.581554	29.47907		
CUST_15298_PI42901886	N34354	0.046436	21	15	291231297	PREDICTED: hypothetical protein [Saccoglossus kow			1.16E-23	108.7243	138.6217	150.3647	110.4846	85.83424	128.6369	60.93646	76.52417	120.8052	113.2243	98.47983	161.5046	106.0819	113.1942	145.2632	120.7611	168.9693	137.649	103.4319	128.8934	123.4578	153.2734	100.999	114.6944	97.83625	116.5044		
CUST_36150_PI42901886	M14810	0.046439	18	9	348563737	PREDICTED: collagen alpha-5(IV) chain [Cavia porcel			1.2E-25	5.487456	6.844642	24.19522	13.0288	7.108049	21.42376	13.30523	15.32478	4.965994	20.5721	16.34764	13.88119	NA	11.51911	17.62133	7.804985	12.03567	13.07517	4.552819	9.04725	10.06856	10.3075	13.04197	NA	14.70379	26.29583	12.52724		
CUST_21061_PI42901886	N44549	0.046448	15	9						718.917	715.3982	643.2335	651.0924	645.7634	497.6528	726.6345	656.946	896.8013	1135.995	772.946	743.1041	525.5752	915.3775	576.3102	874.5756	542.7169	511.9204	805.2979	679.3339	672.0887	1217.47	648.9401	687.2662	1361.387	722.2644	1133.023		
CUST_45632_PI42901886	M69728	0.046452	24	21	507983255	PREDICTED: zinc finger protein 184 [Condylura cristi			1.61E-47	86.04961	89.00024	116.2937	82.6196	78.38473	84.22907	84.62693	79.30391	81.95659	98.92872	79.44802	85.81376	83.11485	99.89328	110.4288	91.6203	76.52417	93.86099	105.8358	86.63308	91.27166	96.50257	104.2917	98.00231	119.2791	82.86721	92.1489		
CUST_11470_PI42901886	N27868	0.046527	15	12			Metabolic process	Nucleobase-containing compound metabolic process		15.00335	24.68274	16.77475	10.64689	17.4527	13.7828	13.12705	12.78607	16.59129	19.6916

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_31900_PI429010886	M2696	0.047485	12	0	322792405	hypothetical protein SINV_11858 [Solenopsis invicta			1.23E-29	206.1701	192.7007	163.3967	155.3131	159.7825	152.5555	126.7035	138.5194	155.3897	161.4133	147.402	198.5364	194.747	207.0705	184.4394	245.6075	155.2361	173.1041	134.8627	177.2908	163.4482	213.9895	179.9938	144.0774	177.6724	192.4131	155.1312
CUST_32245_PI429010886	M3619	0.047512	18	0	13898841	CUB-serine protease [Panulirus argus]	Protein metabolism	Proteolysis	7.54E-55	406.244	613.2651	660.5155	239.9392	172.8801	56.31266	79.07032	226.5039	122.0311	129.8789	246.3068	227.0035	594.5741	590.8179	490.5451	24.33153 NA		10.43749	159.9648	1670.981	396.2899	7.591069	600.4605	351.3648	7.111485	203.3538	NA
CUST_50551_PI429010886	M9039	0.047513	12	0						5.00728E-7	6.831546 NA			6.572882	11.52078	13.99388 NA			5.684217 NA		7.410795	4.25424	6.559984	5.814516	3.444924 NA		10.31018	3.353899	8.812022	8.110437	10.13327	7.986139	7.411834	15.67417	15.5488	12.82338
CUST_9843_PI429010886	N25287	0.047558	18	12						46.01632	108.4222	87.87096	49.95685	47.54787	34.48913	75.89665	84.92511	92.35924	171.7093	50.1618	95.72441	127.7612	91.42522	78.36561	82.73488	80.97211	73.59863	71.57902	106.788	57.56812	102.4301	55.85206	61.09062	88.85357	55.5381	83.51601
CUST_56714_PI429010886	M114497	0.047584	15	12						85.30129	66.90174	111.027	66.40412	84.58422	83.50755	81.96733	88.18553	73.61433	105.9574	86.89271	107.2518	87.80183	123.9272	105.607	118.5121	82.67004	104.0004	64.47443	94.17604	89.93577	130.9454	98.18381	81.34562	107.9401	101.7342	121.2398
CUST_37161_PI429010886	M18048	0.047584	18	3						124.1861	126.2814	16.63804	150.1517	146.3194	128.2848	132.8222	84.73278	63.39049	60.93069	47.54787	39.05895	116.7797	39.73253	67.08962	103.9537	95.9293	100.8309	93.19487	71.41994	45.20819	136.2146	35.0422	101.9474	74.27647	54.02913	36.387
CUST_31829_PI429010886	M2512	0.047584	15	3	91080075	PREDICTED: similar to arf gtpase-activating protein	Signal transduction	Other	5.75E-87	180.661	118.4632	94.11857	179.1099	184.3061	151.8851	144.7517	104.9053	89.49881	116.0676	129.6229	63.13278	113.2835	73.42972	88.77007	160.9512	153.132	89.70412	157.8347	128.8011	85.90922	123.3865	85.86351	123.349	131.0159	78.01256	74.48084
CUST_27505_PI429010886	N56179	0.047584	15	12						205.7316	92.20534	486.8632	78.17016	59.72927	186.0881	590.149	492.5912	558.2631	551.3995	239.0491	277.4454	597.939	1364.868	301.9157	78.63344	473.8216	178.3086	344.24	178.4123	251.1408	722.0011	525.2083	103.0505	735.8213	275.6931	1100.556
CUST_42789_PI429010886	M61261	0.047593	18	3						103.384	82.3571	87.15435	106.9501	109.7061	149.6184	211.9082	78.30025	78.53416	39.33849	93.37534	31.95131	70.11707	51.65313	56.21187	50.77029	131.39	77.10171	90.12961	20.92648	112.2413	39.06616	133.8722	145.6462	38.53689	82.67004	46.78872
CUST_3535_PI429010886	N14709	0.047593	12	0						158.5157	176.8527	258.3105	169.0651	168.6014	175.8509	178.3086	165.1146	195.1881	207.0705	181.3801	218.1069	185.2303	233.7917	187.2169	182.6137	140.3134	163.4482	166.4042	166.2053	228.274	218.7669	239.6059	172.854	261.1858	194.0962	230.5922
CUST_31956_PI429010886	M2821	0.047599	21	18						1362.62	1234.248	982.113	804.2481	1081.506	949.3416	978.1392	773.8104	817.4781	1083.296	895.455	1015.362	758.445	784.2356	963.9292	1340.855	1093.408	1077.327	1117.033	1135.445	1020.365	1373.036	872.488	933.1038	1170.459	787.7599	1082.445
CUST_53714_PI429010886	M102891	0.047667	15	12						128.1595	133.3923	106.4846	141.7029	113.6011	126.1331	102.7028	96.71335	108.4314	105.9129	100.0408	94.26766	129.8259	89.5493	111.9132	116.4869	107.6827	148.8486	94.79006	92.10717	89.6226	117.7304	94.71285	142.963	68.45737	86.20359	89.74363
CUST_36524_PI429010886	M16133	0.047628	24	18						25.53352	29.1231	11.9176	9.355583	11.83012	11.31528	10.35316	14.62779	16.46383	13.04696	12.12977	11.01728	10.58947	22.07292	14.59759	19.00199	13.35309	12.69121	38.45723	15.33595	19.31761	13.19231	14.64036	15.59858	21.91188	11.53905	18.28186
CUST_37479_PI429010886	M19177	0.047628	24	21	9367086	Euphausia superba large subunit ribosomal RNA ger	Protein metabolism	Regulation of translational initiation		56.41974	89.95558	86.3406	78.00387	45.3248	66.4223	48.45867	49.0094	62.96663	86.85226	55.38718	122.6286	83.46951	88.12787	124.1861	76.59109	61.39492	102.4945	55.95565	94.99099	83.59685	96.21869	88.65038	122.84	70.90194	113.2976	65.61755
CUST_51371_PI429010886	M93301	0.047629	24	3						NA	6.293928 NA		18.554	10.08113 NA		NA		10.09463	9.352687	15.036	15.72953	9.963882	12.06387	7.110255	7.259344	9.881836	4.36971 NA		7.52281	6.977617	6.955954	7.180488	10.23296 NA		12.63269	5.081264	17.3497
CUST_7662_PI429010886	N21885	0.047643	18	12						805.0049	769.0647	647.6977	664.8684	498.1212	313.2163	755.2577	538.762	802.5661	949.0578	628.3128	919.6285	976.3736	1056.312	737.7582	1100.556	580.6994	562.3412	1201.959	592.8448	820.2371	877.4226	476.0617	511.7062	887.8552	422.9234	668.1948
CUST_44609_PI429010886	M66467	0.047655	18	9						43.56037	102.0573	78.06614	72.40904	86.47473	75.90597	39.20847	143.8832	88.07214	145.4981	249.3051	118.1013	167.3841	130.6774	110.8479	72.52738	150.3901	65.93142	94.84242	67.99795	128.1445	67.89962	90.31563	85.56392	189.5687	41.78277	99.98303
CUST_18340_PI429010886	M39611	0.047697	18	12						104.5873	128.623	132.5751	80.55811	86.51241	95.4903	99.60857	104.8753	93.47603	93.3114	84.73278	138.323	103.5442	135.9831	119.6528	128.9813	94.3579	133.0452	97.22671	108.8877	94.16491	87.10078	110.1333	74.44282	123.8281	99.8601	158.0023
CUST_13118_PI429010886	N30603	0.047708	23	0						14.01249	13.55604	26.30031	10.88451	10.93186	9.79911 NA		9.354027	5.284088	12.54217	13.87948	12.88422	11.13307	33.72145	11.82579	20.96593	16.16705	11.25121	15.35034	7.517908	6.959325	15.34115	4.408739 NA		14.71698 NA		11.07279
CUST_19465_PI429010886	N41627	0.047713	24	3						4427.545	13555.43	5807.129	6091.908	7819.87	9541.284	4701.722	5991.557	5565.727	6128.181	3071.798	9182.945	5171.854	2959.951	7137.139	7686.447	2081.941	5065.56	2629.007	3138.529	7579.447	6702.515	6744.801	5171.854	9686	5717.187	4537.099
CUST_42330_PI429010886	M60021	0.047722	24	21						23.194	12.6619	9.928945	29.89732	19.30622	15.49062	20.24846	7.662248	14.19367 NA		4.346382 NA		15.51619	18.55819	11.73735	8.940041	5.354757	10.50509 NA		9.405002	4.927102	24.10675 NA		24.72924	6.632018	6.423606	4.527621
CUST_49768_PI429010886	M87047	0.047755	24	15						34.94119	37.17994	29.44539	34.72656	30.74148	32.98295	24.71814	35.91157	29.77206	31.19824	53.63782	65.96017	34.54086	53.89898	53.42416	74.10143	31.2636	43.41027	36.37581	58.52324	35.88091	58.49374	53.51858	37.12735	31.73044	32.73103	39.68132
CUST_16815_PI429010886	N36911	0.047769	24	12	393905834	CMGC/DYRK/PRP4 protein kinase [Loa loa]	Protein metabolism	Cellular protein modification process	1.34E-49	16.11003	22.29224	17.58731	21.98642	22.32278	21.32852	15.62192	23.39301	23.91343	23.01868	25.48335	18.76417	23.03149	33.97352	30.08888	19.27695	25.82153	28.35783	23.34418	32.20238	26.86002	29.51436	26.03397	24.0648	20.20434	14.48282	28.80979
CUST_43600_PI429010886	M63470	0.047787	12	0						1579.682	2189.348	2100.151	1718.489	1401.401	1684.016	1118.208	1427.503	1694.466	2091.598	1402.469	2292.412	1751.202	2237.5	2325.953	2134.91	1132.32	1659.051	1574.342	1875.725	1426.735	2269.213	1535.786	1348.276	2159.598	1953.939	2197.498
CUST_26558_PI429010886	N54446	0.047787	12	0						39.54839	59.06419	54.16396	34.16739	35.26822	44.39447	39.97268	38.76201	32.15263	40.02231	34.29142	60.03661	39.99252	56.40373	36.44258	50.42986	43.91811	37.90698	28.49366	40.96307	35.92679	52.93772	33.75052	29.18222	53.22735	44.4293	68.61799
CUST_38784_PI429010886	M30337	0.047822	12	3	357618028	hypothetical protein KGM_08122 [Danaus plexippu			6.09E-10	174.0405	290.8954	213.0626	284.7376	431.5778	507.5628	246.3468	207.853	156.8208	200.5697	247.2726	135.3099	257.7314	167.2954	224.4296	308.528	254.4916	342.9573	320.2376	218.0605	163.9899	232.0593	168.2678	259.1574	179.8447	319.0748	203.2288
CUST_8649_PI429010886	N23357	0.047852	12	9						75.13415	56.77264	85.45263	58.52324	48.98001	68.29796	74.36967	68.22048	69.34114	95.36046	52.01848	81.5369	63.3033	105.1367	78.20249	67.08317	72.2954	73.20424	81.48802	81.05888	80.76562	85.72992	87.88231	79.41411	90.50136	75.08335	86.36905
CUST_12628_PI429010886	N29770	0.047882	12	3						53.53627	36.387	46.45397	70.86123	69.0257	176.5007	55.66127	72.00003	16.49783	29.52168	38.01489	10.51872	57.33863	43.76947	44.63765	88.81237	143.7068	137.4373	121.6056	9.301993	35.89324	50.79816	39.51034	62.5561	22.6112	78.93556	31.6776
CUST_24048_PI429010886	N49939	0.047827	24	21	443705981	hypothetical protein CAPTEDRAFT_139004, partial [	Cellular component organization	Cytoskeleton organization	7.03E-21	332.1642	242.7679	401.7586	337.7668	352.8752	372.2181	374.9159	334.6678	323.4046	418.9595	452.1056	381.1947	317.6417	412.0745	235.3127	376.0453	579.8544	421.8908	538.762	381.5724	392.3971	433.7721	441.5046	473.5692	361.9781	380.2921	472.5516
CUST_38630_PI429010886	M28687	0.047884	24	3						1410.909	1783.909	1709.2	1730.823	1731.857	1886.936	1638.912	1607.248	1643.929	2064.29	1715.766	2007.972	1515.268	2073.005	1168.111	1205.12	1651.385	1566.448	1178.991	1665.324	1904.906	1504.846	2514.893	1784.695	2346.537	2021.454	2271.87
CUST_3888_PI429010886	N15491	0.047895	18	6						18.9048	16.96368	17.11883	18.36165	17.46532	16.87557	44.4501	17.55275	13.51834	26.1596	13.59657	27.49118	12.91897	10.11651	16.29239	16.78585	13.63953	15.99975	16.68074	14.08168	41.8249	23.72867	25.63352	20.99142	23.3144	14.97143	32.38525
CUST_52837_PI429010886	M99167	0.047908	24	12						23.4957	46.46836	33.3239	22.94051	32.4042	81.74728	80.72119	35.57881	44.53184	72.48039	52.46279	56.77264	82.1182	84.14675	46.82282	24.85691	54.73192	40.68573	90.64646	70.08934	68.41788	63.14802	38.34336	42.86965	26.00383	46.87582	38.02365
CUST_15370_PI429010886	N34470	0.047943	21	0						440.6015	334.9967	589.6619	328.0964	351.6009	329.2875	402.8509	317.1399	330.9233	374.4434	253.9783	379.9539	301.9881	368.397	464.3001	344.24	319.1396	360.7127	450.3936	404.4491	417.8136	443.0418	440.5078	377.0882	280.2255	364.4089	336.5695
CUST_12358_PI429010886	N29343	0.047951	24	0						77.93692	69.34114	115.8195	44.58945	71.09841	65.78559	34.75205	55.58103	53.30954	107.666	68.95801	56.58363	40.99424	51.1689	70.00254	35.36774	42.50508	39.81145	49.3486	124.1092	55.88131	42.2806	44.44423	29.49638	58.23835	74.97848	61.28097
CUST_48241_PI429010886	M79485	0.047953	24	18						28.93983	23.70999	3.731986	17.08079	22.06923	29.71613	33.17839	23.84339	18.33365	11.66655	20.75152	13.95744	14.86246	11.68857	25.18558	18.17304	13.48586	30.33968	32.71805	32.43294	31.69618	20.02214	37.31704	30.47678	23.16574	43.73764	66.08238
CUST_34539_PI429010886	M9956	0.047961	18	3						57.32582	72.38234	55.81794	70.70475	74.41568	54.72536	58.39472	77.6254	44.28069	55.16975	59.33007	45.54024	48.81237	45.7637	33.56673	38.99636	57.11196	46.16699	66.43118	41.96975	47.53397	60.36203	47.61652	59.73525	44.06771	55.57175	54.60894
CUST_14072_PI429010886	N32283	0.047961	12	12						116.5044	61.30366	86.5251	106.6154	79.21035	63.747	39.17072	78.35921	47.16593	92.74338	48.78129	73.51179	80.02167	118.5239	126.045	156.6593	92.13028	111.0646	74.03663	110.3002	90.40629	141.5625	66.53186	50.6408	141.0947	91.54224	95.44
CUST_10494_PI429010886	N26323	0.048003	18	6						3809.024	1422.337	5167.16	8772.974	1722.719	8866.604	4503.558	8363.4	5843.06	7509.168	2036.617	1548.599	8336.973	10964.51	6563.249	973.9722	5787.347	4306.703	5927.379	1918.897	1679.237	5602.191	6350.776	5211.698	12034.22	6160.933	10451.76
CUST_35127_PI429010886	M11664	0.048008	24	0						310.0283	165.8485	207.6805	215.8293	160.4822	227.9715	327.535	208.4543	181.4093	86.67899	169.8899	232.8505	237.3209	188.6253	246.1531	277.0077	254.6455	285.7468	266.1283	193.6314	156.3082	229.9936	162.1587	191.6146	174.1985	157.9028	160.9334
CUST_36397_PI429010886	M15798	0.048009	24	0						50.53472	41.2857	43.99167	35.63559	44.05675	34.96354	38.96253	40.90818	31.98148	28.98446	48.28635	39.12985	51.11982	57.00887	51.52932	62.42019	54.1924	49.10845	37.82187	33.07088	37.82187	49.60046	41.15815	30.2319	41.0027
CUST_15460_PI429010886	N34615	0.048009	9	9						8.847678	11.66655	11.80446	7.44339	6.436681 NA			7.444212	125.1284	8.123884	21.08222	9.706284	25.8352	10.43749	21.2878	17.17661	28.05304	6.626516	11.17946	4.945317	10.01823	12.6412	30.46421	13.87032	13.65469	14.25774	16.22818	26.14333
CUST_40418_PI429010886	M55024	0.048013	15	0						35.96862	37.50798	44.98924	31.16892	43.11192	54.1974	49.07171	38.77187	74.74125	41.68626	59.96834	55.57175	37.67896	44.58058	30.24466	15.01118	17.12735	50.8348	25.71698	38.04684	54.77637	38.45723	44.02245	71.24301	39.12009	58.37612	71.17303
CUST_16057_PI429010886	N35578	0.048013	15	12						124.4126	94.23139	99.4135	68.51154	65.52616	88.40608	127.8146	112.4033	80.30929	56.73383	104.2766	114.2091	109.7501	116.9944	121.7504	192.1754	126.6828	101.0607	114.0787	126.8447	84.45921	131.2743	47.67821	71.67319	88.97552	61.28936	117.1913
CUST_7172_PI429010886	N21141	0.048022	21	3						121.2116	94.79905	122.4667	104.0193	107.543	140.4217	136.3233	87.58299	107.1033	126.5103	78.23845	83.1842	74.27647	125.1451	108.3037	105.7372	81.96733	92.50739	98.02439	87.92471	103.1477	121.0016	161.7305	119.7777	111.6628	149.3076	121.4562
CUST_51560_PI429010886	M93980	0.048035	21	15						11.57662	7.953838	11.61617	6.582515	12.62537	10.9288	11.10785	6.534722	4.828419	3.744336	8.235102	13.3483	14.72582	7.304592	14.54874	14.05126	14.98994 NA		13.5897	11.68238	8.829376	12.73078 NA		9.125404	9.751886	5.721438	16.51889
CUST_51972_PI429010886	M95877	0.048063	21	6						31.38208	23.28379	36.29774	64.64151	35.77964	102.8077	63.79444	48.77592	49.40423	25.20311	27.91811	39.91268	49.14494	149.1909	18.90357	24.21798	34.5638	34.75551	35.6576	32.89329	20.66296	25.83997	40.34341	53.58897	39.15692	64.34064	26.96892
CUST_12376_PI429010886	N29372	0.04807	24	18						56.42615	100.9197	55.95035	60.81378	75.32357	61.43267	65.76942	68.36198	61.72981	55.3496	89.45826	75.72117	91.77189	93.01036	74.86136	96.07604	67.22918	82.69106	95.34993	94.97923	73.89571	93.07732	70.66973	57.84331	91.066	56.13335	57.51717
CUST_40464_PI429010886	M55190	0.048088	15	9						20.63496	26.30221	24.57116	15.93948	23.04785	24.61213	21.67212	38.89725	24.52679	35.53033	32.48228	25.07539	25.78047	28.40654	26.97315	26.72669	27.92219	25.6517	25.51449	25.22662	22.93439	28.77061	30.68445	16.19147	32.02812	18.85349	42.6726
CUST_16081_PI429010886	N35623	0.048088	15	12						38.99636	54.48084	50.11711	42.98911	49.67248	49.34012	29.14509	46.81599	50.43461	61.04516	51.96426	87.81808	55.93797	69.12046	70.6776	91.52825	45.37184	69.15284	95.90172	45.65948	45.69406	52.61684	98.4006	97.93806	98.4006	97.93806	
CUST_3796_PI429010886	N15280	0.048092	12	0						12.08465	9.581554	8.265097	6.95796 NA		NA	NA		4.510154 NA		4.965994	4.07315	8.039625	7.097098	15.04174	6.214637	11.37147	5.217577	9.651747	6.668324	5.263094	5.180096	6.779112	6.219397 NA		6.911676 NA		7.886773
CUST_36327_PI429010886	M15608	0.048102	12	0						337.8584	373.5295	392.0026	325.0318	320.8355	353.4537	317.5249	298.6335	311.0329	388.3479	321.1502	431.842	353.785	508.7091	355.8536	388.2685	410.06	372.2873	373.3663	389.6265	313.8962	438.1052	335.8009	323.0511	461.1208	354.0483	429.6585
CUST_48303_PI429010886	M79729	0.048117	15	12						94.7334	85.52397	92.63222	91.49463	96.19258	115.0894	63.92583	90.06996	91.5749	96.41487	81.68427	118.2001	118.8596	116.8326	137.7783	109.3295	86.3602	120.6877	88.63339	106.3073	83.96253	105.19	93.76216	97.06276	105.2081	115.3001	107.3626
CUST_1305_PI429010886	N9218	0.048131	21	3	270161184	I-type lysozyme-like protein 2 [Penaeus monodon]	Metabolic process	Carbohydrate metabolic process	3.78E-37	22.41298	8.480876	25.77304	30.67432	8.221669	76.06574	24.00128	42.16099	11.58812	19.15208	12.91624	23.47811	18.2774	13.01498	19.26616	8.599447	39.93142	12.00275	24.52679	31.50111	23.53568	36.2246	56.35545	29.16341	54.71071	44.92995	35.93002
CUST_53318_PI429010886	M109537	0.048137	12	3						1672.661	558.0588	489.6976	3082.77	2761.396	3835.814	2379.147	935.3105	705.3837	47.02203	1932.967	18.29194	963.6143	27.50644	461.6522	228.4344	4823.273	3027.574	2444.229	26.08713	1127.801	85.77208	1200.158	2582.117	28.888	2237.5	4.65851
CUST_37172_PI429010886	M18089	0.048137	12	0						495.8952	1613.342	1078.296	252.9368	621.3573	115.8883	103.1666	610.9693	983.5467	1529.041	744.2633	1789.616	1040.9	1564.24	1482.523	1364.277	370.5671	688.1653	629.4397	1652.112	1056.312	1632.477	1060.588	220.4105	1954.96	1355.659	2073.005
CUST_38519_PI429010886	M27639	0.048137	18	9						273.0127	275.0769	326.8661	296.3588	297.2502	319.3199	316.971	289.5961	312.3654	354.7905	296.6312	397.7744	285.2578	354.5586	357.7037	338.0611	326.9265	296.208	308.0149	318.2985	296.1367	326.7925	328.0964	277.0736	373.0312	353.689	350.5877
CUST_32518_PI429010886	M4332	0.048137	15	12	91094771	PREDICTED: similar to AGAP000117-PA [Tribolium c			9.81E-16	1642.187	4381.739	2513.183	473.2302	2213.328	154.7269	629.2275	906.266	1594.166	4604.537	2049.694	4274.83	1782.524	3013.914	2204.613	3988.418	907.4672	1332.781	945.8187	1370.685	1232.59	3567.184	1624.747	336.8185	2809.847	1235.847	2468.346
CUST_41087_PI429010886	M56847	0.048137	15	21	328786874	PREDICTED: putative DNA helicase Ino80-like [Apis			2.42E-13	121.4237	107.7492	151.2216	93.04202	109.8598	106.7139	86.7788	111.1235	147.0121	170.317	100.1573	148.544	136.0755	148.4479	149.3076	148.1555	123.1779	123.1691	123.1691	123.1691	123.1691	123.1691	137.5915	200.2689
CUST_28232_PI429010886	N57555	0.048137	15	3						204.7885	300.5238	286.1419	256.1926	319.448	287.4768	311.8796	217.9412	178.0648	279.4425	274.5343	201.9074	187.869	268.2743	206.6019	236.1561	274.9598	241.3477	317.2087	236.9573	300.3152	247.7341	309.7028	211.1137	245.5292	175.2864	193.4435
CUST_48575_PI429010886	M81109	0.048137	24	15	332030460	Polycomb protein Scm [Acromyrmex echinatior]			5.99E-09	14.82853	10.73106	16.74792	17.50362	14.51104	19.99756	9.914777	16.48468	16.45281	19.02839	19.34225	20.54194	17.49801	25.10042	20.1457	28.36898	25.68589	16.76285	18.02828	12.01073	12.26356	27.84371 NA		13.67211	17.72399	12.91624	15.80258
CUST_42803_PI429010886	M61299	0.048158	24	15						81.92166	74.87405	83.8218	67.28983	60.92331	69.69491	78.96798	71.77967	62.70075	80.91461	81.81059	112.0535	83.21855	86.93205	76.353	84.64574	83.07834	85.63673	92.80312	78.36561	66.15125	87.62612	88.18553	72.05058	97.2708	80.30929	74.40785
CUST_35260_PI429010886	M12068	0.048202	12	12	525026447	PREDICTED: molybdopterin synthase catalytic subu	Metabolic process	Other	8.74E-39	58.97911	77.1205	43.00832	40.00171	56.07148	31.86956	28.80614	45.94496	44.78592	88.22213	56.78823	64.03011	48.65694	75.10177	86.46205	82.8752	37.48716	71.9913	46.41206	61.33812	56.48952	57.29447	53.51251	38.21245	85.21423	50.53472	51.18041
CUST_44156_PI429010886	M65111	0.048216	24	21						83.80399	69.55824	85.51349	75.2095	62.75575	103.0243	72.6524	63.08199	77.86556	63.40813	63.69473	84.00641	78.66644	89.66356	72.48039	93.07732	89.24944	96.49062	74.87405	85.40569	84.61863	94.61126	83.98715	89.69655	88.38108	106.011	82.38056
CUST_21078_PI429010886	N44591	0.048223	15	3						42.64756	19.35495	54.28784	145.0637	196.032	252.0883	282.7521	76.88221	17.5216	9.510155	269.6735 NA			21.71104	9.745966	16.34764	15.70076	356.5583	93.80773	254.2335	18.50256	231.0331	14.08315	166.4668	193.3866	7.626632	59.41199	10.46161
CUST_13875_PI429010886	N31922	0.048246	18	3	307195519	Seipin [Harpegnathos saltator]			3.37E-20	42.61032	44.64991	29.74088	49.12739	51.00123	27.58334	37.06882	37.07575	26.69563	42.83336	39.85359	27.34621	17.61017	34.53375	20.45436	37.02581	40.24548	25.09705	22.84721	31.15277	27.25682	43.66792	37.72421	40.70657	46.37163	21.48139	34.16739
CUST_31196_PI429010886	M953	0.048305	12	3						3.343563	1085.118	144.5043	1497.212	405.7694	835.4969	187.2169	1227.773	177.6428	131.9783 NA		63.43828	1053.785	301.6337	829.599	1180.515	1033.403	1643.929	1044.631	389.9717	232.766	276.0786 NA		463.0515	700.208	1219.272	71.9016
CUST_44671_PI429010886	M66627	0.048307	24	12						4150.569	2908.57	3204.304	1453.962	2374.602	1948.38	2932.434	2497.013	2385.821	2900.662	2634.615	3006.75	3165.648	3921.02	2695.193	2972.831	2437.103	2925.159	2264.822	1673.827	2430.624	4484.875	2521.227	3173.828	2743.533	1987.249	2796.121
CUST_4053_PI429010886	N15892	0.048433	12	0

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	6	6	6	9	9	9	12	12	12	15	15	15	18	18	18	21	21	21	24	24	24
CUST_35569_PI429010886	M12906	0.049013	15	3	321472396	hypothetical protein DAPPUDRAFT_315872 [Daphni	Protein metabolism	Proteolysis	3.4E-89	26.26527	28.69415	NA	35.86299	21.05993	49.2211	30.42832	31.15965	24.02555	15.20537	12.99168	13.6134	22.31012	17.8956	12.55296	13.86905	29.65821	30.92489	39.98991	9.811903	18.92054	20.77886	NA	28.99027	5.608929	25.56371	5.489718
CUST_1958_PI429010886	N11166	0.049016	18	3						2434.013	2708.301	1463.065	298167	26474.55	29010.89	10217.96	12214.41	425.3087	25.83997	12610.19	17.5674	2716.899	142.3777	2434.013	19.44153	7490.614	2782.19	6042.693	7.53723	15000.31	324.8235	10949.63	15872.37	44.83858	6932.514	14.50091
CUST_36557_PI429010886	M16227	0.049034	21	18						73.78486	97.10121	71.44429	70.98423	64.57467	50.25117	49.50242	55.81794	60.61979	82.97709	59.70983	102.6107	68.96573	49.84204	85.09002	99.33533	55.24489	69.05841	76.15742	87.83251	76.20212	84.55489	50.46685	71.30124	59.86271	68.85742	82.02402
CUST_23758_PI429010886	N49413	0.049055	21	15	321451124	hypothetical protein DAPPUDRAFT_336270 [Daphni			6.93E-17	11.69261	22.26173	NA	16.27803	33.31614	26.53218	18.83139	NA	18.4326	13.21272	4.86774	9.405002	12.27296	26.13131	27.00004	44.39886	NA	22.75029	NA	37.84899	21.64092	40.1699	16.95326	30.30845	6.853489	NA		NA
CUST_41550_PI429010886	M58010	0.04906	21	18						17.62531	37.6475	NA	111.5107	118.5941	115.8594	25.34926	8.0157	12.32751	11.70566	12.29064	NA	11.00948	278.8959	175.6726	162.6071	13.45887	176.4102	NA	248.2496	80.21909	383.093	22.13275	227.4117	91.32302	14.30732	16.44746
CUST_25764_PI429010886	N53016	0.049085	21	12	37780426	hemocyanin 2 [Pacifastacus leniusculus]			2.32E-16	NA	88.81258	40.94647	265.4463	174.5081	40.00557	102.2773	1110.941	207.7427	113.3918	971.3866	1088.645	2656.499	37.56417	1224.331	NA	422.9234	NA	37.86509	19739.66	320.4556	NA	24.52204	18.1616	NA		452.9912	744.5402
CUST_9355_PI429010886	N24483	0.0491	21	0						104.2505	100.1573	68.1923	51.75281	68.97204	45.33809	69.74095	47.47127	37.70765	57.85675	51.67197	60.43419	58.6875	48.21189	50.41387	94.16491	63.89787	63.06213	52.99425	90.68288	66.99196	50.24503	65.38596	69.30744	68.97204	61.28097	57.39701
CUST_50783_PI429010886	M90989	0.049107	12	0						12.55296	8.834126	NA	9.09768	5.683749	9.666802	6.956638	6.468226	NA	9.322057	4.040067	7.035948	6.406079	9.939882	10.15583	6.487746	NA	8.431174	6.94159	6.597762	5.452395	NA		NA	7.822452	7.857013	10.96784	NA
CUST_39087_PI429010886	M34399	0.049125	15	9						25.64937	66.32627	52.25652	24.86526	52.4826	48.3123	56.68336	28.58102	69.45519	39.18602	75.12567	77.46325	34.92205	78.08745	41.76249	18.22767	38.81418	73.28621	27.42777	28.2496	57.94186	41.10579	55.66641	96.41487	86.82244	67.29642	105.005
CUST_35328_PI429010886	M12274	0.049158	15	12						6833.331	4524.584	2604.753	4374.715	1321.214	1483.935	1026.845	2747.282	3333.763	2725.555	1587.608	3067.321	3184.108	5407.054	4161.995	2638.062	3416.788	4015.965	1298.051	4748.861	1485.346	1893.755	2166.108	2108.426	2180.377	2434.013	2826.022
CUST_49869_PI429010886	M87511	0.049221	12	0	9367086	Euphausia superba large subunit ribosomal RNA ger			7.69E-69	121.9054	NA		354.2035	7.878584	18.17304	34.85305	155.0084	269.4831	164.4185	207.7747	43.52397	23.33499	178.4972	221.6212	183.021	9.486543	133.6264	25.68457	109.7371	20.05897	88.24844	106.8828	270.6659	90.26625	198.8955	23.61053	181.5662
CUST_12037_PI429010886	N28818	0.049223	24	21						112.7335	116.6557	158.4583	104.1514	97.05352	128.9553	116.1911	128.1595	114.4136	135.3397	103.9891	91.24255	95.30462	124.8269	108.6304	140.3134	88.6992	139.545	146.8499	121.7504	135.1423	152.8418	168.329	118.3919	119.245	139.9485	135.2179
CUST_2700_PI429010886	N12935	0.049231	15	12						472.3127	469.28	517.1879	381.1294	415.6575	408.32	390.7246	421.8908	464.3001	536.6546	432.7317	541.0041	471.9637	559.6795	552.1675	893.1457	419.4237	452.8393	463.3861	534.0061	428.333	567.7179	493.331	367.3246	648.0827	452.1056	562.8166
CUST_57262_PI429010886	E3125	0.049244	12	3	152949487	calcification associated soluble matrix protein 2 [Pro			2.04E-12	751.781	205.1599	662.2599	12523.21	18023.86	25871.73	12999.66	4901.718	545.8082	14.33789	18463.84	11.16911	613.2651	28.87669	463.3861	25.89927	15872.37	15221.8	10746.13	19.10728	14205.89	60.21125	8448.526	14295.94	11.27249	7239.058	5.346894
CUST_3203_PI429010886	N14013	0.049244	12	0						642.6469	970.3266	801.5312	589.8071	524.852	737.7582	610.9693	523.5388	598.9907	855.518	753.467	915.3775	739.6144	779.7877	885.3464	1092.918	657.4366	661.1589	603.4589	753.7243	664.8684	1140.062	678.5082	608.5272	1135.995	687.2662	1003.294
CUST_8272_PI429010886	N22802	0.049244	18	9						328.4958	437.8204	381.8035	265.2639	331.4379	304.8063	261.123	370.213	331.8125	412.2515	401.7586	392.7909	352.6063	384.5478	363.8038	472.651	404.4491	330.9233	321.6396	362.6784	304.1069	408.3975	306.5697	254.4207	521.8521	287.7468	409.0918
CUST_489_PI429010886	N5621	0.049244	15	12	298370749	cathepsin B [Litopenaeus vannamei]	Protein metabolism	Proteolysis	3.9E-150	444.7159	1069.514	650.5246	505.1623	401.3173	625.8341	411.1682	583.7272	496.4081	896.1269	634.1523	1115.976	686.1452	769.2478	768.7795	715.8969	602.4628	495.0933	456.6758	560.8883	698.0293	1132.32	646.4459	643.2335	793.8063	655.5465	638.7779
CUST_12179_PI429010886	N29056	0.049273	21	0	260799997	hypothetical protein BRAFLDRAFT_72305 [Branchio			7.53E-20	13.37838	16.2627	10.52781	7.434035	7.744827	20.60205	5.410089	11.49641	4.391667	8.991035	4.837303	8.510732	3.885096	9.987338	12.5724	19.42289	9.102009	25.36189	26.68081	11.13632	9.953883	14.49175	13.14971	NA		16.06632	4.962271	18.08249
CUST_41808_PI429010886	M58599	0.049339	21	15	29134779	projectin [Procambarus clarkii]	Protein metabolism	Cellular protein modification process	1.32E-87	145.2433	92.03214	108.4109	90.11072	97.75958	98.26203	84.79763	98.92872	100.542	111.685	131.3569	132.8034	100.3042	104.2766	91.90153	115.6759	151.5201	107.9692	119.1161	133.064	77.33177	105.711	128.9944	98.36103	102.2659	85.25376	95.39206
CUST_54717_PI429010886	M107298	0.049368	24	0						651.6164	671.8789	790.7325	581.1144	579.2037	672.0887	543.0155	557.1607	643.9207	695.1115	622.3874	685.3204	537.9358	804.5642	558.4057	674.0173	510.619	611.3709	558.6606	650.8924	607.116	681.8773	731.6805	591.3951	833.5719	702.9226	846.752
CUST_13670_PI429010886	N31564	0.049392	24	21						66.86178	99.22324	63.46985	77.12763	62.506	47.76946	45.47762	44.38619	65.08584	70.90857	73.23407	103.9314	95.29429	79.88802	79.0243	91.5749	59.25893	88.29574	75.48481	76.94138	77.15161	101.0126	104.1782	74.10143	94.40103	60.23492	80.71386
CUST_14838_PI429010886	N33553	0.049392	24	12						125.7351	153.3961	160.8449	119.1024	124.1467	164.0579	128.9362	120.0167	129.2382	157.9764	117.2732	145.0185	133.7242	152.0579	158.0318	155.2361	152.1653	157.0455	132.3882	176.2005	147.402	160.8449	154.8889	164.6529	166.0195	153.132	186.7825
CUST_18072_PI429010886	N39090	0.049392	24	21	465954970	Beta-1,4-galactosyltransferase 3 [Chelonia mydas]	Metabolic process	Carbohydrate metabolic process	3.48E-20	66.60678	65.13281	62.63918	75.59869	120.7015	72.16939	41.909	33.62817	46.13849	53.79628	56.56684	72.3461	54.4284	89.91874	68.81509	107.5586	52.70775	87.22914	40.10273	142.1088	70.2561	110.1494	87.21952	83.06141	83.14826	49.30624	49.09421
CUST_23503_PI429010886	N48942	0.049397	21	0						46.26383	39.97268	34.10344	28.58102	28.6962	18.05541	33.69201	14.44838	14.91728	21.84275	22.94962	32.46691	21.92896	39.13386	31.79359	37.39567	36.55801	25.72523	21.82183	33.37016	19.36786	46.95662	26.94089	41.23292	42.36335	34.77329	20.30155
CUST_46096_PI429010886	M71353	0.049416	12	0						201.4981	165.6162	227.0266	144.9989	194.7223	207.4294	163.2552	189.6264	201.7725	186.9145	154.7492	188.658	186.2582	246.6015	220.4437	203.7326	175.1291	190.201	158.6127	179.7938	161.9153	220.9369	189.9402	181.2412	196.2921	228.9547	216.9753
CUST_3524_PI429010886	N14684	0.049416	12	0						69.03435	88.14739	72.6524	56.05475	74.79904	61.80458	40.1071	47.17274	46.95662	82.29861	54.3948	85.77208	60.27464	64.59746	83.00511	69.34114	49.11669	68.21242	47.15148	94.1523	60.79572	66.60001	63.93448	44.1761	65.31258	90.21463	92.90826
CUST_6985_PI429010886	N20870	0.049416	12	0						103.1477	79.68658	103.0243	97.23707	81.63335	129.3708	84.49247	85.02582	77.24703	85.0717	78.27179	85.67865	85.67865	89.26714	87.03787	101.9601	89.72544	73.47743	83.383	79.56143	71.13139	86.04961	97.25472	100.2724	85.25376	111.7487	104.8657
CUST_11696_PI429010886	N28256	0.049416	12	0	383855186	PREDICTED: uncharacterized protein LOC100878410			1.68E-10	17.65061	30.25328	15.19101	19.07974	18.3679	12.46283	10.23296	10.76376	10.28467	32.8503	15.95534	17.21299	12.89788	21.62724	22.22394	41.56705	9.08762	22.56226	12.63783	13.60023	14.21003	20.16106	12.28413	16.4888	18.84499	20.14149	23.81358
CUST_22070_PI429010886	N46367	0.049416	12	0	321478103	hypothetical protein DAPPUDRAFT_304684 [Daphni			2.95E-35	53.36598	20.48821	35.12625	36.9176	11.69762	21.88139	27.82792	17.45526	14.43921	29.41742	20.91887	35.02438	26.66659	47.5229	16.44885	29.27092	19.3883	25.64332	14.48109	22.74587	16.83375	31.57401	39.20847	24.88398	31.20492	32.77063	41.83506
CUST_28954_PI429010886	N58911	0.049416	12	0						25.88998	36.46183	21.05098	21.21658	24.04991	27.78422	19.9426	19.2789	26.58817	29.01971	32.74092	30.77501	19.05757	39.83487	41.8496	32.75095	23.35223	36.63834	27.68104	20.18773	19.22009	33.24975	34.61952	20.92107	50.54005	34.65468	29.38623
CUST_5888_PI429010886	N19335	0.049432	12	3						2280.777	1975.879	1487.266	2892.813	1901.328	3952.869	1870.503	2465.06	1811.1	1624.747	1555.197	1692.067	1939.579	1471.445	1952.727	2070.325	2555.115	3084.768	2814.544	1389.409	1263.557	1876.716	1277.616	2459.721	1889.582	3315.042	1566.438
CUST_6298_PI429010886	N19918	0.049432	12	3						90.36196	137.9515	72.91578	132.7287	131.1249	139.4961	116.0676	95.368	88.30586	102.8432	101.3443	74.34861	106.5981	145.2433	102.9429	97.24592	136.2681	116.8917	123.1656	130.6959	90.43345	96.8323	103.384	96.28021	107.3764	107.174	111.1891
CUST_7248_PI429010886	N21260	0.049432	12	3	546686148	hypothetical protein D910_12796 [Dendroctonus p			1.9E-166	68.99159	64.66893	60.64562	82.08362	84.46837	90.34874	85.04454	62.75575	49.0094	56.34897	59.45067	48.01455	78.57748	81.39522	71.79355	64.4873	114.7609	55.90028	87.58299	48.09806	68.98284	66.90174	57.08439	59.6278	43.1896	61.07112	70.84411
CUST_23222_PI429010886	N48464	0.049432	12	3						24.36264	26.86002	26.54903	28.11972	28.02151	28.93678	23.80754	22.47267	16.25929	27.02172	20.07855	16.26691	16.97048	27.03609	27.7711	34.92634	38.95233	37.79822	21.38108	19.70553	7.274775	33.45717	26.23144	14.28677	32.74092	24.97091	30.08229
CUST_30231_PI429010886	N61445	0.049432	12	9						37.47945	52.02242	46.02417	31.74511	45.06422	31.95513	33.28766	78.14128	42.4817	58.14864	60.22346	35.57263	48.05138	33.95306	30.70184	40.09244	36.8424	19.96449	68.79393	36.52268	40.42007	45.87335	85.40569	74.55697	57.43992	24.65264	35.9589
CUST_25752_PI429010886	N52993	0.049452	18	12	395484809	glutamine synthetase [Fenneropenaeus chinensis] >			1.77E-16	344.4708	87.77632	638.6578	62.32467	189.7386	115.1327	300.3777	344.24	279.8319	318.1453	159.4135	132.2443	251.0973	351.2576	225.2614	160.2216	249.2154	140.6597	210.7453	95.4903	195.3573	87.84073	166.9208	116.0813	180.3864	130.357	219.8055
CUST_38145_PI429010886	M23646	0.049463	12	9	54042615	arthrodial cuticle protein AMP6.0 [Callinectes sapid			4.55E-16	577.33	642.8014	1091.604	292.1395	510.5227	270.9139	882.8865	622.7518	794.4801	903.9804	362.4934	610.3506	497.6528	827.8275	344.2985	264.3669	492.7259	227.604	487.486	502.1624	502.0515	917.7643	1320.152	457.1179	1307.703	364.5694	1377.953
CUST_32377_PI429010886	M3963	0.049464	21	6	321468506	hypothetical protein DAPPUDRAFT_52203 [Daphnia	Metabolic process	Other	3.03E-47	25.33771	33.14087	30.46627	32.65296	21.61481	22.43724	22.9868	34.93733	29.9146	26.04992	15.02774	33.52618	23.38175	15.30965	11.71408	15.81986	14.97499	20.48097	17.87105	22.62556	28.57291	41.40356	18.73257	25.24216	22.07787	23.13968	29.30417
CUST_35068_PI429010886	M11472	0.049469	15	12						944.9878	910.5801	1056.762	625.332	778.415	877.6784	760.7539	766.9049	790.3406	937.1457	1189.668	1138.397	959.9717	1134.016	1259.651	1394.642	1047.078	886.7923	1046.312	1341.448	732.691	1210.833	842.3459	582.4599	1184.785	716.0786	1207.044
CUST_39188_PI429010886	M35849	0.049469	24	21						8.496964	34.97152	27.30026	31.34507	22.82168	20.65925	16.17384	7.501961	23.27419	22.66333	23.07266	22.13451	21.96895	19.99274	12.94469	17.50524	10.85726	25.26334	12.93205	19.68474	28.55509	34.12708	58.85113	25.63451	48.31638	36.47682	20.01979
CUST_4876_PI429010886	N17673	0.04949	21	0						31.04302	22.91836	17.00562	21.65997	18.5156	26.98251	12.69552	17.12411	12.79225	15.81194	20.37597	13.06127	11.29004	23.59869	9.535711	8.789967	20.27847	18.26372	13.58569	68.30614	20.94079	18.47407	25.71973	21.28336	23.36677	13.72673	20.24846
CUST_41922_PI429010886	M58886	0.049496	18	0	512932133	PREDICTED: uncharacterized protein LOC101737556			5.61E-08	18.58833	13.27381	20.74695	16.30067	18.21746	8.582555	17.43453	10.86011	12.56761	14.16465	13.08017	10.53371	6.849615	14.60042	6.633519	20.57784	14.83503	21.15997	20.66537	20.04961	17.27797	15.25738	11.17818	6.417851	15.81556	12.29064	17.47586
CUST_38460_PI429010886	M26958	0.049524	15	9						332.1138	340.1906	463.0515	331.5388	396.6524	223.9394	402.2817	184.7518	400.1681	346.3085	398.4336	404.8094	292.6086	469.825	172.213	291.4361	312.3161	280.7168	114.0624	242.302	447.8279	305.3843	435.3009	324.7416	471.0971	510.0071	495.2283
CUST_20290_PI429010886	N43176	0.049526	15	0						68.35087	62.88366	63.48536	50.55173	49.65587	65.48233	49.83081	39.98138	48.63366	59.00313	39.01912	51.33619	43.80188	81.01356	63.28709	59.67663	60.6558	64.68215	60.07014	47.40881	56.68336	53.27432	53.26961	53.21879	74.26685	51.86583	41.89305
CUST_49386_PI429010886	M85461	0.049545	21	3						76.96996	152.5866	84.93968	289.0715	98.02439	110.2048	78.27179	41.69502	71.67319	76.73952	39.60553	104.9421	58.94983	67.58357	50.19147	305.9676	21.95116	35.97953	34.25171	39.73588	140.3818	64.24619	123.2882	86.45155	111.9633	133.6865	59.20737
CUST_5094_PI429010886	N18249	0.049546	12	0	321460483	hypothetical protein DAPPUDRAFT_308857 [Daphni	Developmental process	Muscle structure development		25.48959	43.23619	32.79034	28.57032	24.37229	22.53922	11.83225	22.61376	21.09976	32.65296	39.57145	40.02231	66.20577	25.30072	29.88417	57.7399	18.33154	31.95691	25.09705	31.05901	32.55631	30.26846	31.06527	26.64257	54.04881	39.77048	45.57
CUST_40040_PI429010886	M49130	0.049568	21	12	37780426	hemocyanin 2 [Pacifastacus leniusculus]			5.28E-65	4.853908	67.29642	21.8588	208.4543	153.9132	28.40282	105.5539	900.857	172.7143	97.73561	768.5376	878.6172	2064.29	37.11592	983.8663	4.56456	395.7641	NA	43.38758	18586.47	413.3489	NA	43.03291	12.40735	10.57913	312.052	595.1496
CUST_49634_PI429010886	M86468	0.049585	18	0						40.2482	NA	57.80685	13.05013	45.16011	48.74628	51.192	11.05702	8.370071	7.744827	23.39301	7.215021	3.890093	NA	7.035948	8.621822	70.94855	39.58144	58.892	8.089072	56.69692	6.115825	97.61331	74.89819	6.112624	5.342715	9.173022
CUST_23890_PI429010886	M49651	0.049588	21	9						43.62743	27.82378	60.85469	41.09417	39.29501	34.93063	34.96061	21.13597	23.58866	28.90402	33.65406	22.89626	26.38499	24.86526	33.2742	35.55848	27.10661	17.49952	32.84186	18.01173	18.86017	31.92933	31.49741	37.50059	45.01588	29.5179	28.03356
CUST_38703_PI429010886	M29239	0.049603	21	9						5.40874	249.2154	68.49231	631.6256	1233.197	243.718	248.0682	4051.321	2612.527	180.661	3653.581	3730.34	3090.22	210.4862	1249.958	NA	854.2242	NA	133.4937	5080.996	3074.469	NA	246.3468	165.5714	NA		1245.02	1962.83
CUST_51481_PI429010886	M93684	0.049626	12	3						743.1041	290.7849	22.14618	987.1593	635.9764	1409.133	948.7418	369.8403	523.7505	7.787579	355.0658	9.324813	513.5475	153.8044	310.7127	348.906	1227.15	1100.556	207.0705	117.5843	360.7127	510.5227	231.5694	951.6021	44.49519	513.6722	NA
CUST_39284_PI429010886	M37208	0.049638	21	9	349502991	O-methyltransferase [Penaeus monodon]			1.03E-30	66.99867	152.2767	77.02903	96.73765	82.69106	120.6877	178.2082	453.79	349.238	148.7446	353.25	370.4089	215.5744	138.5998	185.6237	65.60373	145.0185	77.14278	133.9111	576.5142	198.3971	80.61162	147.4736	166.3173	72.14089	234.6626	134.79
CUST_796_PI429010886	N7348	0.049671	21	9						5.861533	1187.536	561.029	1667.846	1445.794	743.5954	853.1958	3832.303	2777.472	998.694	3243.287	5113.292	2489.582	690.4518	1589.601	NA	1042.897	NA	543.3625	7509.168	2247.598	17.28408	1309.784	861.4839	4.183645	2296.235	2050.871
CUST_32970_PI429010886	M5597	0.049694	18	15						342.8578	400.26	355.7822	359.4804	440.22	479.7862	301.6859	328.4337	266.6447	356.8925	404.1368	343.3378	283.8866	306.5697	335.4811	438.8255	473.6842	461.2479	411.2669	373.3663	349.6083	439.1396	308.8946	291.2128	395.9375	304.7525	329.8367
CUST_3176_PI429010886	N13957	0.049697	24	18						352.327	386.6669	404.8823	328.3818	316.4852	310.4051	296.9284	332.4804	347.1114	429.7605	339.8212	330.6123	342.3707	429.4606	315.9925	421.5075	341.4469	349.3181	383.2896	417.2023	361.9091	439.8846	428.333	334.2433	472.773	328.0426	395.8483
CUST_51875_PI429010886	M95501	0.049716	21	3						38.51373	42.83336	43.98243	52.15419	42.25718	52.15768	39.37435	48.11605	23.12297	36.85229	28.66257	52.9063	29.32849	45.09026	41.70879	50.30273	46.55991	44.06771	29.96087	35.67075	43.20136	54.3134	46.12593	53.67582	80.34778	80.66119	60.24307
CUST_47136_PI429010886	M74923	0.049733	15	12						233.3626	212.1657	190.4729	157.9269	205.2921	148.0276	392.2104	234.017	321.374	224.9966	145.7071	301.1632	433.8707	418.4668	336.8758	386.3769	212.3649	171.7601	365.3992	190.2377	184.3916	286.0749	166.5598	227.3812	303.0793	192.7273	474.4772
CUST_19159_PI429010886	M35402	0.049751	24	21						122.5998	124.2142	112.0774	119.508	95.99909	108.9403	97.23707	100.0169	88.78823	99.55807	107.3346	118.04	91.04016	72.71237	106.5981	122.5622	103.109	110.0194	94.95262	138.1676	111.7143	106.5844	136.1838	91.55434	118.6343	105.4471	141.5325
CUST_18369_PI429010886	N39664	0.049761	24	12	332028268	Neurogenic locus Notch protein [Acromyrmex echir			4.1E-29	76.52417	65.06017	145.8825	74.7266	55.18575	93.98995	117.2582	113.8871	88.72989	108.6889	91.97543	88.19572	133.4505	156.9005	133.8101	127.8459	174.126	77.6254	117.9167	88.14739	75.7673	71.63476	150.434	93.12227	99.35803	78.77563	121.0946
CUST_15058_PI429010886	N33941	0.049782	12	0						41.36452	34.20754	42.54782	23.3977	31.20174	18.29753	21.82017	50.68803	36.67205	50.18617	31.17772	38.12809	36.23985	52.56971	48.82597	36.76731	26.66065	35.56458	52.51286	31.09756	46.41206	45.03054	42.68003	22.85123	69.62631	33.40939	55.29787
CUST_26249_PI429010886	N53915	0.049794	18	0	321476738	hypothetical protein DAPPUDRAFT_306430 [Daphni	Metabolic process	Other	3.6E-17	43.70451	54.64196	50.2602	24.02357	24.0648	16.74268	26.84868	23.79492	31.04302	42.81164	29.5457	36.38283	39.67691	24.316	42.07479	47.69004	28.44009	38.82258	32.77524	44.63765	34.07208	48.43308	28.6271	31.1463	45.11939	22.85699	31.59119
CUST_45077_PI429010886	M67926	0.049887	18	3						9.181579	8.381146	NA	13.7661	10.96162	19.73455	7.223501	12.11037	NA	13.11125	6.678574	8.089072	NA	6.311063	7.195825	20.20434	7.912744	4.932666	4.597228	6.922333	10.46038	10.7321	NA	9.034713	9.632488	8.069484	NA
CUST_32510_PI429010886	M4306	0.049907	24	0						53.46776	34.73965	49.61919	41.55626	23.39495	42.84203	39.80101	45.28763	31.93333	20.57577	25.01145	23.1311	22.92066	34.67355	17.78837	171.1038	28.9272	27.94605	37.0175	27.47752	32.81302	29.0776	26.49155	40.38558	37.27794	29.44199	29.39991
CUST_13937_PI429010886	N32048	0.049907	24	0						2464.001	2863.818	3163.856	2564.647	2858.942	2704.165	3031.864	2441.116	2750.47	2595.092	2984.905	3264.73	2416.782	3673.827	1315.839	2842.143	2497.013	2336.801	2243.877	1869.455	3027.574	3024.762	3144.897	2442.431	3775.991	3711.262	3734.025
CUST_16061_PI429010886	N35583	0.049916	24	6	238625719	SpAN-like protein [Rimicaris exoculata]			5.64E-10	37.02134	68.46628	40.37133	115.0806	10.71453	42.16986	96.61745	149.8301	78.83809	27.84642	125.4528	117.5373	107.5586	42.25718	46.18431	19.40236	29.31162	15.97633	23.565	159.8062	35.678	27.20523	105.4471	24.1047	38.66042	49.69905	34.91922
CUST_33318_PI429010886	M6581	0.049917	15	3						16.62231	12.88422	18.10692	10.66756	15.16191	29.52396	17.06111	10.37139	14.51263	9.282132	12.6619	42.9046	9.72694	8.253508	10.32671	11.79386	24.58529	23.57785