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

Alberto Biscontin[1,2,*], Paolo Martini[1], Rodolfo Costa[1], Achim Kramer[2], Bettina Meyer[3,4,5], So Kawaguchi[6], Mathias Teschke[3], Cristiano De Pittà[1,*]

[1]Dipartimento di Biologia, Università degli Studi di Padova, Padova, Italy

[2]Laboratory of Chronobiology, Charité Universitätsmedizin Berlin, Berlin, Germany

[3]Section Polar Biological Oceanography, Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, Bremerhaven, Germany

[4]Institute for Chemistry and Biology of the Marine Environment, Carl von Ossietzky University of Oldenburg, Oldenburg, Germany

[5]Helmholtz Institute for Functional Marine Biodiversity (HIFMB) at the University of Oldenburg, 26111 Oldenburg, Germany

[6]Department of Environment and Heritage, Australian Antarctic Division, Kingston, Tasmania, Australia

[*]Corresponding authors:

Cristiano De Pittà, Dipartimento di Biologia, Università degli Studi di Padova, via U. Bassi 58/B 35131 Padova, Italy; Phone: +39-049-8276210; Fax: +39-049-8276209; e-mail address: cristiano.depitta@unipd.it

Alberto Biscontin, Dipartimento di Biologia, Università degli Studi di Padova, via U. Bassi 58/B 35131 Padova, Italy; Phone: +39-049-8276228; Fax: +39-049-8276209; e-mail address: alberto.biscontin@unipd.it

Supplementary Table 1. List of 8,953 genes with a sinusoidal expression pattern in LD.

Expression levels of genes, identified by RAIN (adjusted *p*-value < 0.05) throughout the 24 hour- cycle in LD 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 hour-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_5203_PI429010886	N18394	2.47445E-11	24	18			Signal transduction	Other		1546.88	3024.414	3475.106	848.7243	1142.458	1115.579	995.515	1038.012	1194.794	2323.856	1299.503	2191.923	3197.119	3258.199	2072.212	3936.583	4467.089	2609.919	6421.864	7695.811	7248.769	6000.152	4368.987	3786.16	4185.629	2670.787	3007.18
CUST_39669_PI429010886	M42544	1.38546E-08	24	15						1235.266	1738.077	1171.488	969.8589	1002.076	1016.824	1020.366	1202.203	1268.665	1151.33	1344.214	1232.079	1251.736	1475.969	1277.638	1729.252	1894.407	2179.188	1648.551	1430.525	1766.713	1640.994	1400.583	1492.153	1380.017	1302.487	1491.134
CUST_51366_PI429010886	M93282	4.98783E-08	24	6	532759720	antimicrobial peptide type 1 pre			0.000000325	271.3104	293.568	286.926	375.9296	298.3765	297.8825	570.2732	314.7808	562.0064	461.1854	287.6916	421.8557	310.1119	331.0671	207.209	197.1967	277.2489	340.6386	105.6309	157.519	149.047	103.3894	203.8839	249.1319	169.9945	293.835	170.8814
CUST_39293_PI429010886	M37357	7.70244E-08	18	9						62.02618	78.06756	81.72083	21.1933	45.65444	8.076758	162.7602	171.0275	98.36388	181.8309	151.4662	204.1816	146.1482	118.6698	94.96672	128.0247	50.26433	137.2059	103.2488	51.29815	41.00859	60.39038	74.93498	39.75301	99.00226	121.3422	90.85891
CUST_3609_PI429010886	N14873	8.61495E-08	12	9						138.7489	188.0176	318.1116	264.4742	114.6239	80.71612	295.8069	542.7794	947.376	927.9648	1014.938	585.434	800.8587	364.6437	255.7585	26.42527	41.71225	60.69474	655.4746	478.5299	654.3402	1245.448	2304.738	1622.787	240.3937	823.2974	1335.991
CUST_46318_PI429010886	M72195	1.9209E-07	21	12						47.43656	190.289	76.02418	36.44264	65.01967	28.86811	109.1677	108.1208	127.9261	354.1831	168.0498	144.6793	339.5673	130.8473	324.1912	104.5846	320.7735	281.8133	119.3614	179.1574	269.1635	166.8118	76.00489	133.8226	63.09832	43.39176	59.17675
CUST_33410_PI429010886	M6816	2.5548E-07	21	18	321473201	hypothetical protein DAPPUDRA	Signal transduction	Other	2.35E-13	180.5859	269.1036	217.2347	174.6876	175.7096	180.9942	155.7011	181.6282	184.6034	157.4324	148.6649	145.9501	146.4666	171.5864	141.7833	267.7311	160.1694	213.7437	233.8458	293.835	293.6477	195.7159	220.5131	211.0148	184.4435	209.666	180.1324
CUST_37036_PI429010886	M17630	2.99918E-07	15	12						26.28423	28.99089	33.45999	22.1135	22.13507	17.0629	22.86182	21.85018	15.61539	27.23544	26.71901	32.05226	29.46925	31.4218	29.63277	21.27506	28.77245	23.27075	13.55428	20.58996	10.84292	21.46399	20.00439	22.905	27.08947	23.18831	29.19296
CUST_33205_PI429010886	M6266	4.68899E-07	12	3						168.4808	184.0263	141.7704	207.0821	231.8895	169.3049	177.05	153.4348	166.9595	155.7673	143.8296	129.2573	167.0371	157.4103	184.9648	182.6192	191.0167	194.0105	155.2845	131.9615	157.9287	150.8908	132.0536	133.4909	156.1362	173.4147	154.177
CUST_31797_PI429010886	M2433	5.02461E-07	24	0						NA	14.82226	15.62926	10.50491	11.52651	NA	12.1995	7.697503	8.969422	9.320269	9.775246	NA	4.819136	7.392041	5.727124	5.574105	7.742854	9.562348	4.251763	9.935802	8.847627	10.64938	8.186475	10.13728	13.37422	11.63479	13.3556
CUST_32891_PI429010886	M5397	5.83166E-07	18	0						128.5165	315.8899	394.193	88.0075	64.61049	NA	13.99541	91.45416	62.64991	7.155078	12.86873	6.174251	34.00168	35.99005	5.320114	19.1981	10.53078	28.90562	223.6033	163.4636	69.8604	48.82419	67.93845	46.90198	37.92348	NA	31.24606
CUST_49029_PI429010886	M83694	6.69567E-07	15	6						6.436561	7.628654	8.451625	10.98917	9.385701	5.829325	15.54734	14.41191	18.61955	7.648589	18.30947	13.5348	13.36386	9.752082	13.68243	NA	4.801909	4.126691	10.37109	8.858158	7.546327	24.45128	17.44773	25.60678	9.294827	10.59607	17.26425
CUST_5163_PI429010886	N18342	7.24639E-07	24	21			Cellular component orga	Cytoskeleton organization		103.7192	106.6811	118.0597	88.10909	84.96211	80.35316	34.62846	31.28202	37.83455	100.783	55.96387	79.92025	98.42724	62.33316	105.2701	162.3371	72.15825	126.5408	157.6143	96.03692	110.298	233.5705	119.0449	166.5631	193.6659	84.55241	169.9945
CUST_16399_PI429010886	N36161	7.34846E-07	24	18						62.74684	93.76286	102.7497	67.71277	84.72348	60.89951	63.46562	95.62259	83.95829	77.34627	80.72426	91.22685	85.98865	91.45416	92.31393	106.1184	117.3251	108.7869	130.6255	110.0991	119.5301	121.1493	113.5376	120.4803	93.99213	96.54391	118.4588
CUST_51947_PI429010886	M95782	7.56917E-07	21	3						34.02915	44.80331	53.49503	62.93557	37.80064	48.09966	29.30404	36.67874	37.8045	28.45904	33.07741	24.27221	28.98683	27.30031	22.45228	19.34679	33.75196	19.57461	33.83378	42.19574	34.59167	47.21843	40.95208	47.41757	40.16574	52.56738	63.23529
CUST_4711_PI429010886	N17320	7.98984E-07	24	6						16.4789	44.18092	44.86243	41.02313	84.19786	53.24219	61.52728	104.2173	82.59378	47.43656	38.58331	57.94759	32.63321	28.91213	33.42156	35.27117	32.66605	42.20935	9.570901	20.84244	22.25295	25.36487	40.68971	38.15601	19.08178	45.18702	46.23699
CUST_45295_PI429010886	M68631	9.27271E-07	24	15						60.62225	49.67735	52.97194	51.85541	26.7573	38.89189	52.48031	33.46312	36.78126	41.76732	34.53535	53.4446	64.23608	41.15339	46.5849	86.15946	79.01425	80.81117	96.46623	54.68833	71.00454	64.78842	59.8943	64.06114	62.63588	55.84882	53.23278
CUST_26818_PI429010886	N54935	1.0119E-06	21	12						56.30846	51.90036	58.57419	78.21211	67.76221	71.4584	121.4663	98.1824	78.48038	79.57438	71.65566	76.14902	116.0897	92.42138	85.40783	90.60669	77.13441	75.13872	39.14498	51.86945	60.48555	57.51884	52.81957	71.76549	66.84176	69.08897	72.66933
CUST_45107_PI429010886	M68020	1.24584E-06	21	12						12.32463	28.4851	9.834143	73.93804	48.66253	65.80074	114.4742	167.708	107.9667	121.7517	318.037	164.0459	471.2164	284.4024	436.7155	27.51681	102.5834	55.2321	282.0632	6.669026	218.5351	93.92415	42.80977	84.9077	79.5268	95.54211	96.24348
CUST_9576_PI429010886	N24862	1.2767E-06	18	3						87.16322	87.54238	104.8565	131.5859	96.30356	104.5461	78.43693	101.852	66.74201	70.68343	60.0855	74.40311	63.31668	54.94337	46.92175	64.40257	92.52233	78.80045	84.1875	78.0963	78.38177	90.84788	124.3244	87.01734	76.31853	72.19272	63.72422
CUST_31297_PI429010886	M1163	1.2835E-06	24	21	156543561	PREDICTED: ubiquitin-conjugati	Cellular Process	Cell cycle	1.28E-60	32.26017	32.75067	30.46011	20.77278	27.34627	25.38551	23.60134	23.26849	21.99703	27.77009	19.50478	34.69169	34.95791	33.90697	30.46011	29.37527	30.69119	34.85212	35.30149	36.8949	36.28732	34.69476	49.4079	54.2431	23.6675	40.57158	37.14266
CUST_3012_PI429010886	N13602	1.47995E-06	12	9						48.00737	56.34222	78.64253	96.66958	63.4939	28.81777	161.691	331.7259	440.8715	372.3645	370.2353	416.3476	231.289	119.3879	71.7184	NA	10.48413	NA	201.2	133.7339	131.5353	562.2603	767.8994	668.7382	179.9541	264.9858	530.6367
CUST_37896_PI429010886	M22133	1.57017E-06	24	3						17.78243	10.46956	24.09442	34.98417	29.52107	41.98856	9.832908	18.32398	16.72797	12.88293	7.123709	13.60289	8.005861	44.44058	10.99723	3.450966	3.340805	8.367548	4.01398	6.979131	3.69546	6.398645	9.817879	7.560056	9.221685	8.606721	NA
CUST_49535_PI429010886	M86007	1.70246E-06	24	0						621.9301	1474.205	1304.861	320.4829	214.4299	98.45312	495.5669	1140.288	941.0274	166.838	283.1538	90.09793	306.565	295.8069	99.03286	328.7563	406.1674	366.0882	564.6439	968.7419	748.709	513.7138	622.3504	669.1662	1068.554	947.0352	804.0438
CUST_54390_PI429010886	M105834	1.78984E-06	18	12						8.586447	7.283509	NA	46.97174	47.82733	23.39255	48.6216	93.30975	149.73	88.12342	1486.662	45.14878	1363.035	1119.882	237.5415	21.54756	47.11505	80.12221	18.52406	28.52375	16.92315	18.55182	67.95059	69.36872	37.95648	41.7466	74.29925
CUST_47007_PI429010886	M74473	1.79384E-06	21	0						55.02895	74.49329	62.59981	54.6004	55.70355	45.7171	55.61434	56.62992	55.17016	55.4869	46.11055	52.0293	40.65621	38.75298	51.19908	35.34705	34.98836	24.99752	27.2823	37.89317	45.0273	55.73395	68.95833	65.87993	55.73019	53.12256	84.51406
CUST_2826_PI429010886	N13190	1.8769E-06	24	21						1332.694	1685.048	1519.636	1217.388	1023.228	990.2906	532.3756	939.4725	889.0282	1117.04	929.9574	728.6567	1677.845	695.3717	1243.512	1309.684	1606.909	841.6057	1824.284	1247.204	1489.353	2177.847	1867.24	1825.053	2937.545	1456.541	2110.599
CUST_12202_PI429010886	N29097	2.01695E-06	18	12	307177147	Acetyl-CoA carboxylase [Campo			6.5E-21	8.447449	9.603299	6.029956	3.190585	5.717288	3.737478	11.7387	10.0026	12.1414	4.600805	16.57137	9.075187	14.27946	14.41191	16.67597	15.05771	11.41802	12.55015	12.83426	4.405976	13.57384	3.870848	4.11877	7.227902	9.108156	10.50491	12.11843
CUST_36728_PI429010886	M16675	2.02406E-06	21	0						158.0988	46.94606	48.53255	40.98681	44.14843	43.23211	32.77954	37.14266	31.23427	30.3261	42.84965	40.83466	26.61853	33.09195	30.53244	42.66588	42.07726	43.78502	47.10201	38.57471	38.7656	44.65936	50.41623	44.37034	53.72874	48.28814	38.84896
CUST_27398_PI429010886	N55982	2.06445E-06	24	6						209.5586	193.3377	138.2385	232.6083	227.3555	162.7885	320.2208	369.0567	506.9058	228.253	156.1818	130.8147	195.1305	318.9156	181.5802	149.2223	172.9954	139.5452	156.5799	164.794	138.6464	116.8305	133.2218	86.56139	169.1505	199.908	205.5946
CUST_46818_PI429010886	M73816	2.10248E-06	18	9						4.696988	NA	2.969905	4.319683	NA	NA	NA	9.319096	NA	10.97116	9.632394	10.72088	7.667937	8.884176	9.592986	4.280426	7.241625	6.236495	4.590475	NA	4.862023	7.276912	5.567085	6.965443	8.45067	NA	4.928978
CUST_9969_PI429010886	N25485	2.13809E-06	21	0			Signal transduction	Other		182.1611	168.3482	272.6726	92.43032	47.65574	25.11048	20.51331	135.864	124.2633	50.60267	43.32608	44.36058	29.98295	23.90534	20.141	72.92411	83.15856	126.7896	94.41489	30.96219	99.80727	121.0114	167.872	146.0289	98.10696	67.72081	156.394
CUST_6952_PI429010886	N20825	2.14929E-06	24	21						711.4323	758.9827	855.307	552.9475	610.9907	466.7106	228.29	367.4169	382.7119	729.1294	475.8315	481.1553	1025.404	409.8716	783.6564	921.4706	767.3697	546.6865	1181.431	695.8214	764.2764	1682.203	925.4144	1113.188	2082.19	695.3717	1309.131
CUST_16_PI429010886	N60	2.17757E-06	24	18						115.5552	53.7918	148.0504	67.85905	19.43327	63.50827	155.5805	249.3839	217.3699	202.9059	73.3346	148.298	1020.798	498.4242	328.4033	569.3405	275.7847	544.2292	1155.769	1663.655	2589.848	348.7073	72.94835	262.4374	1049.887	414.9926	611.6853
CUST_3987_PI429010886	N15731	2.20941E-06	12	3						30.88831	63.15515	NA	62.73874	NA	61.88614	81.84916	54.39234	73.53729	29.15166	19.17216	6.005973	46.22189	45.51721	38.17039	158.0297	80.88928	87.68846	43.56758	21.7119	32.02499	7.519886	31.1591	5.061086	19.7414	38.7656	14.86874
CUST_38310_PI429010886	M25222	2.25374E-06	24	12						80.24156	96.89897	118.1715	447.5258	233.3271	337.46	439.7541	425.0628	707.3888	121.3126	1214.037	193.6334	491.0486	615.9354	243.8613	244.0894	552.2424	247.4344	172.2883	136.9653	141.5601	105.1748	175.4398	129.3215	45.9512	82.50222	62.84262
CUST_8587_PI429010886	N23265	2.26241E-06	24	21	291230131	PREDICTED: hypothetical protei	Metabolic process	Other	2.81E-09	8.189998	22.81773	16.79507	11.03537	15.25449	20.11384	6.163656	13.6951	7.069413	16.24245	17.08471	14.22807	16.75338	10.56207	24.49986	18.14784	16.63618	14.29283	25.33166	23.16703	22.92862	25.66233	28.89254	25.17932	35.84121	19.60329	23.44924
CUST_35047_PI429010886	M11425	2.30512E-06	24	15	390517062	hemocyanin alpha subunit 1 [Ca			7.22E-49	11.42158	10.53476	10.18923	4.307028	7.410322	3.909088	9.154669	9.027928	8.593041	9.102869	12.27005	13.96585	13.40748	8.009934	17.96574	15.865	12.48201	20.29057	16.48073	17.80167	11.01416	12.19654	14.96193	16.60032	11.36284	5.739438	10.02353
CUST_38542_PI429010886	M27808	2.33759E-06	24	3						108.3488	48.49422	47.2724	105.5272	179.4021	107.1382	37.13937	62.94384	77.58626	34.13826	126.6958	155.0166	23.51188	37.92065	38.38502	7.853693	3.488528	5.973561	19.96477	44.56209	13.80069	42.28696	43.34384	36.34979	18.77257	115.2129	45.25971
CUST_56222_PI429010886	M113176	2.4697E-06	24	15						72.67801	42.78489	42.06094	21.73892	9.497226	13.58218	103.5143	103.0482	100.2745	90.14554	71.1642	21.33315	84.00818	104.3062	32.8145	396.05	199.6163	279.0664	106.0881	134.2508	185.717	86.76212	NA	58.6831	115.4443	31.70729	45.9872
CUST_39737_PI429010886	M43711	2.8514E-06	24	0						1762.47	1240.074	1207.663	1777.355	841.3097	865.141	640.002	579.8505	206.98	832.328	491.9043	341.732	610.5014	170.4291	395.9506	470.8549	429.8212	80.3791	1690.112	532.2614	1099.423	1299.503	1818.148	1250.489	2258.648	1631.254	2652.405
CUST_39497_PI429010886	M40440	3.02294E-06	24	15						861.5088	905.9928	1608.753	2279.977	113.7707	1596.49	1645.987	295.8529	1230.895	3434.818	632.4923	1857.76	4012.41	3798.572	2904.283	7459.987	5489.861	8605.765	4378.72	2761.678	4008.648	2049.491	3774.541	2047.134	3924.629	2381.656	612.7708
CUST_48801_PI429010886	M82246	3.1434E-06	24	3						39.63021	44.45593	67.1207	59.38272	65.87261	79.29416	90.12112	43.57254	96.37995	43.96941	31.10352	54.89094	50.10131	57.46071	18.41787	14.5933	31.21665	22.37825	5.596537	30.14806	9.569825	30.92873	27.56589	14.01651	17.44104	49.96679	34.1983
CUST_3253_PI429010886	N14113	3.18019E-06	24	18						43.49402	38.94229	47.7665	36.95845	32.86972	26.77083	42.02831	39.11041	33.14322	33.15745	38.38927	35.43021	43.53457	66.72605	42.55235	44.65936	46.46695	43.08599	43.61117	50.01635	46.68552	41.79921	48.88764	50.73158	41.46642	40.31371	39.10716
CUST_6662_PI429010886	N20425	3.26298E-06	18	6	260787331	hypothetical protein BRAFLDRAF	Response to stress	DNA repair	2.32E-62	5.644653	5.430904	9.293644	NA	NA	6.697207	9.266709	NA	10.98328	5.183821	6.039588	10.34183	8.817048	6.897646	4.419529	3.648392	3.154682	5.112944	NA	7.581791	4.353849	NA	7.791167	9.591858	11.80584	10.88207	9.497226
CUST_25885_PI429010886	N53239	3.32985E-06	24	18						17.80788	14.16203	19.50992	13.23813	NA	10.33279	10.21743	12.78096	16.19225	14.54128	17.28228	8.323564	12.49454	18.47174	15.68645	20.72247	21.89139	20.77278	22.4839	20.85338	26.16165	18.05945	19.70331	32.62382	11.66711	16.19225	18.91649
CUST_42634_PI429010886	M60808	3.54231E-06	24	15						251.2413	835.3759	288.5968	227.0582	240.6918	252.989	304.4188	306.9528	321.3471	416.3476	190.463	345.514	350.791	566.3117	544.3805	544.5236	1148.933	761.8025	412.7396	631.0985	365.4954	352.5932	262.4014	325.9381	349.3947	343.4733	401.3498
CUST_52936_PI429010886	M99519	3.66088E-06	18	15						63.74337	92.63177	79.30248	58.03388	49.68059	37.08249	103.1735	76.90215	119.2267	99.18844	85.4597	71.84826	101.4459	71.74885	99.97142	119.3614	129.7636	106.786	84.35052	78.41566	88.61521	64.79523	59.65352	62.90417	77.44274	63.77213	106.0103
CUST_17272_PI429010886	N37685	3.71093E-06	24	21						65.1725	55.27672	87.29938	49.02346	61.97033	54.93024	5.277268	34.96505	31.65179	40.80027	58.20456	NA	56.2194	22.81991	46.97174	54.37948	59.94713	18.94041	94.54537	66.9011	62.02003	126.8388	116.8939	89.01154	172.9208	96.91497	127.2375
CUST_43975_PI429010886	M64509	3.75379E-06	24	9						95.41451	135.1214	103.4142	114.8511	230.649	217.1534	179.2719	162.4604	131.0644	136.0437	185.0545	239.7853	113.622	174.3407	183.5918	213.7437	117.7279	172.8416	94.40167	92.55588	125.3435	84.46858	91.00224	82.87384	98.33769	125.2461	97.79679
CUST_39488_PI429010886	M40202	3.75717E-06	24	0						2103.097	1386.294	1399.933	2277.337	942.7053	1156.223	737.5198	718.4732	260.9147	873.9122	617.9354	478.9906	630.9023	190.9659	503.5534	499.9903	587.733	100.6344	2291.48	735.2877	1312.243	1517.515	2105.784	1479.335	2773.888	1968.185	3499.526
CUST_15158_PI429010886	N34099	4.22962E-06	24	18						79.44437	48.5088	100.8605	103.7192	60.92036	46.06605	60.11411	60.13944	46.33211	108.4858	75.73146	60.95576	382.191	134.6822	200.7515	153.7401	194.4274	241.54	301.8993	487.7778	532.8364	243.8189	531.3775	177.1027	538.1212	227.8105	413.2217
CUST_46282_PI429010886	M72061	4.26119E-06	21	9						73.97121	77.08119	65.08113	92.05562	163.0857	109.9078	92.56838	132.4149	106.2034	105.1035	163.7578	138.8656	96.79055	126.7896	118.993	116.6925	134.0586	110.4383	102.1346	100.4907	85.18385	88.67629	61.44094	89.09696	106.506	88.76092	80.93024
CUST_22664_PI429010886	N47419	4.31957E-06	21	9	284022472	cyclooxygenase [Caprella sp. KV-			0.000000201	12.87704	14.49041	21.7713	22.08755	23.74587	33.746	23.12326	25.32605	31.1712	50.51216	28.35209	36.01433	25.55069	22.53853	24.27972	24.88093	26.73698	21.41224	34.63148	22.03386	20.09102	18.54665	17.59796	21.7225	26.24865	26.35385	30.19535
CUST_20466_PI429010886	N43502	4.6454E-06	21	6						157.5632	179.1302	123.4547	225.9507	222.3734	140.0219	302.345	383.478	440.7516	149.7452	100.0093	156.8206	251.0027	281.2628	74.86678	65.7688	149.578	153.409	43.05532	52.43098	62.63588	39.50565	139.9665	196.6443	65.60638	438.8282	281.8768
CUST_38028_PI429010886	M22894	4.74616E-06	12	9						10626.1	2749.137	9444.83	16288.46	4145.789	7111.995	5593.889	8042.108	12442.6	20222.93	28561.19	16760.98	27347.94	7270.382	14439.79	824.7782	317.3105	944.8425	15297.04	8669.063	13906.34	24199.32	29037.53	32295.88	14858.64	21645.19	22711.46
CUST_53741_PI429010886	M103029	4.98279E-06	12	0			Transport	Neurotransmitter transport		64.30529	61.84336	68.35388	47.05022	43.61505	35.53811	40.36067	39.38283	42.53392	53.79961	49.33322	49.78973	68.20885	65.66275	59.09232	63.88253	52.82485	45.54712	46.08569	46.61175	55.61954	55.88596	48.40188	57.58975	67.31813	50.55672	66.98556
CUST_2841_PI429010886	N13222	5.08223E-06	21	18	321469638	hypothetical protein DAPPUDRA	Metabolic process	Oxidation-reduction process	7.12E-67	NA	27.93918	22.84451	NA	6.834174	5.667368	5.386403	21.47745	9.92008	25.7544	13.42054	12.79947	NA	24.98919	32.72715	38.9642	57.13485	25.41267	30.31074	77.33923	49.41341	48.27158	20.42404	66.02134	NA	6.856268	NA
CUST_31101_PI429010886	M704	5.16508E-06	12	0						924.3063	1144.272	986.649	802.754	700.5788	589.1435	564.5167	744.9105	746.9967	745.5832	818.0478	1003.255	925.4144	808.2743	993.1872	794.3963	972.8403	918.7311	569.4689	688.6527	447.5258	686.6456	875.8259	738.0615	939.4725	944.1713	1420.628
CUST_38450_PI429010886	M26781	5.32589E-06	24	12						135.8001	165.4279	176.3993	816.0394	277.5468	695.1268	567.1816	576.4765	1000.348	196.7017	1293.42	248.4962	964.6221	951.856	302.6664	446.0553	412.0092	397.2907	263.3104	178.3834	199.421	230.3006	184.4707	259.9408	65.08782	87.72633	90.12112
CUST_39116_PI429010886	M34718	5.3371E-06	24	3						158.9219	221.1265	215.5592	372.6214	531.3775	451.2333	369.4099	327.5322	172.2883	188.656	368.8823	379.6086	296.1058	316.5315	249.5189	265.1693	149.129	219.4299	123.1444	77.9006	85.7431	127.8904	320.8212	246.1269	212.5696	256.2294	374.0444
CUST_28152_PI429010886	N57382	5.53935E-06	12	3	457871162	transcription elongation factor [	Protein metabolism	Regulation of translational elongation	1.61E-09	42.16378	45.81835	NA	81.07922	NA	105.6633	86.21825	48.12354	44.37034	46.90198	29.3303	13.50964	44.37502	69.23652	60.24608	266.6324	107.1549	113.92	109.5302	9.308623	95.46305	19.50992	29.6361	15.51127	66.31026	50.25143	NA
CUST_54935_PI429010886	M108205	5.55948E-06	24	21			Metabolic process	Carbohydrate metabolic process		384.5219	738.0615	428.5726	426.1127	465.6755	346.9643	212.3717	306.5038	331.9294	262.4813	405.9933	275.9447	521.3103	373.5014	445.0179	538.6242	667.6928	505.369	568.8248	449.1793	425.8369	910.2628	564.8143	585.2891	831.0254	376.7239	543.6971
CUST_48438_PI429010886	M80321	5.55948E-06	24	21	197940771	Euphausia superba mitochondri			2.34E-57	415.7252	592.8013	578.1548	377.1487	400.7119	313.0268	214.3618	346.2958	343.0574	424.3124	385.6874	336.6041	618.3282	382.5381	534.1168	448.2125	618.5099	332.4145	571.275	501.9234	548.9123	741.6851	666.3032	621.285	791.8334	493.1272	678.5721
CUST_34497_PI429010886	M9846	5.6336E-06	24	18						203.8839	132.6306	338.9144	185.8751	51.6582	106.4444	283.5165	407.7964	264.9542	449.9406	196.3246	253.9457	1935.604	1222.23	438.6999	1185.739	530.9393	1374.54	1743.671	3565.017	4715.833	673.5376	131.6028	499.5403	2824.276	1110.326	1122.961
CUST_14414_PI429010886	N32843	5.6336E-06	24	21						4798.856	7353.952	5322.868	3735.581	3224.848	3027.036	2335.81	4495.71	4072.42	4928.217	3478.142	2618.303	5783.496	3071.483	5476.032	7194.306	5799.539	5151.779	6125.57	5840.985	5872.99	8238.918	6799.146	6622.666	9804.488	4928.217	7861.824
CUST_22545_PI429010886	N47216	5.64673E-06	24	15						1417.404	1485.178	2010.612	1250.867	1393.298	1285.646	1044.09	1041.894	1191.068	1506.647	1001.191	1329.124	1568.389	1102.848	2039.749	3085.208	2114.8	4539.587	1858.682	2273.452	2343.924	1812.631	1182.042	1585.44	1723.472	1249.272	2679.375
CUST_17952_PI429010886	N38896	5.68872E-06	18	15						125.0755	66.87814	42.28326	32.07484	15.34805	41.65139	75.30381	46.63196	49.82313	115.8791	30.53244	58.25453	109.1371	73.9144	70.79864	624.5971	183.4518	405.8942	69.6885	69.28931	18.38792	30.5034	39.65854	23.26849	31.1591	32.57817	18.27355
CUST_2235_PI429010886	N11936	5.70773E-06	24	21	340725870	PREDICTED: arrestin homolog [B	Signal transduction	Other	2.17E-39	334.8644	368.4034	350.7074	315.2731	287.938	265.1693	196.4115	209.666	285.4272	325.7046	295.9223	249.7708	319.0038	248.554	375.2193	361.7315	374.4283	301.4906	440.6377	357.8637	257.678	527.9796	504.6417	428.2506	541.8648	312.3683	403.6726
CUST_39147_PI429010886	M35264	5.77116E-06	18	3						437.4032	215.0811	375.7494	561.8923	551.2795	488.8743	360.8837	272.0128	340.8616	295.0388	369.6716	315.6961	378.0804	370.4445	298.2569	130.5163	75.264	96.31678	332.1692	305.1178	387.3552	495.5669	460.6841	492.2464	333.3795	326.5385	504.4324
CUST_43128_PI429010886	M62133	5.85361E-06	18	3			Metabolic process	Nucleobase-containing compound meta		34.54981	17.84159	56.03663	57.58975	49.26677	66.21459	14.72662	31.87855	49.95516	36.01049	36.05055	28.26373	35.15355	26.05011	27.28454	22.35262	20.67603	19.43172	42.80977	35.46629	32.77639	79.1244	44.31933	38.06618	44.635	53.48046	42.71301
CUST_16832_PI429010886	N36935	5.86201E-06	24	15						279.8449	370.5351	321.0799	301.8993	315.8311	273.134	318.037	403.0078	226.8253	349.1843	301.2626	297.8825	391.8616	334.5944	317.0103	416.251	475.7174	448.0872	373.8469	364.7211	382.4457	371.7268	358.247	375.415	345.2692	342.9765	211.3027
CUST_35953_PI429010886	M14087	6.07269E-06	24	15	196000326	hypothetical protein TRIADDRAF			2.08E-12	15.52429	19.31757	NA	6.462617	7.772157	8.132185	47.05022	26.69789	69.64615	83.55746	51.29155	NA	18.1699	34.6239	7.779225	137.8653	80.44707	90.66543	31.53769	42.45213	47.19838	42.1373	NA	27.24634	40.634	9.083891	16.16791
CUST_47055_PI429010886	M74665	6.19161E-06	24	0						951.5195	2271.439	1651.623	447.759	292.0008	95.61224	739.59	1670.335	1267.497	167.3103	356.2511	88.12342	366.0882	347.8293	126.6958	400.7119	486.8888	429.4693	757.1366	1332.694	958.1681	683.6777	814.9423	697.0808	1358.461	1179.914	865.6479
CUST_5692_PI429010886	N19053	6.20184E-06	24	21						1329.875	1568.389	1715.071	1473.47	1201.304	1149.936	1193.156	1280.738	1444.952	1127.159	1271.126	1067.28	1305.464	1240.074	1360.186	1132.475	1587.121	1436.159	1363.959	1497.206	1620.506	1530.86	1770.862	1873.347	1664.278	1340.037	2096.347
CUST_51711_PI429010886	M94674	6.33612E-06	12	0						137.4234	116.2155	131.5859	76.51051	50.6629	63.1189	61.51933	52.25224	73.97753	93.31746	105.3966	119.1916	128.6276	148.107	134.4996	64.48863	95.50727	67.7294	58.30569	32.33466	36.89757	161.8917	113.0417	97.82425	106.1766	107.365	78.9339
CUST_14139_PI429010886	N32385	6.45671E-06	24	15	198432355	PREDICTED: exportin-1 [Ciona in			5.72E-62	13.87684	15.44101	19.86967	4.902653	4.844365	4.471808	18.84339	7.560056	16.03034	12.59391	11.36156	14.30044	20.98727	13.68381	19.79478	24.5024	26.61351	23.5934	22.55063	34.76036	18.45917	20.04202	17.4518	23.422	18.88565	17.82688	27.01915
CUST_7015_PI429010886	N20917	6.68905E-06	24	18						80.95294	NA	100.771	14.97194	15.37323	4.046361	NA	70.45711	63.39626	56.11745	NA	33.69474	149.0265	50.52247	80.65861	29.58249	76.5633	103.9956	196.4999	401.757	475.7174	220.0171	NA	177.9352	93.67836	41.31713	40.93434
CUST_37461_PI429010886	M19113	6.86364E-06	21	12	157118946	NADH dehydrogenase, putative	Transport	Ion transport	4.36E-30	79.81483	43.16345	53.13079	55.25246	54.69951	41.28987	63.45821	45.44669	42.42056	70.53623	78.44375	89.95321	79.78242	71.67272	98.14527	89.00153	66.74815	80.46117	62.27316	56.92501	68.68072	55.85351	49.10462	62.80714	39.14498	47.87448	51.92132
CUST_40466_PI429010886	M55209	7.3316E-06	21	0						117.8894	47.34933	138.5034	21.35681	26.53793	29.76443	11.42758	18.20374	19.44853	19.09713	26.71367	33.10821	33.32109	28.31587	43.20078	64.90539	33.64664	28.26843	46.71775	33.22829	39.02298	61.63075	29.08472	42.80111	44.85324	31.97376	35.86995
CUST_15933_PI429010886	N35371	7.38333E-06	18	3						55.08315	68.56321	62.98013	56.48171	108.7707	61.95078	38.76155	58.25453	41.96937	47.87148	52.52277	44.50237	31.3526	30.97694	13.09363	52.52723	53.18236	52.11425	55.65083	67.87655	81.67118	53.63563	69.07482	90.52573	49.93448	59.31427	60.97733
CUST_36366_PI429010886	M15719	7.49353E-06	18	12						143.7214	245.9078	204.1402	121.7366	246.4965	146.2169	153.5202	186.792	194.4885	185.937	197.088	222.6199	271.2533	279.7784	382.4457	208.8952	270.6947	249.888	175.6882	192.3094	181.6944	145.0599	168.511	129.5335	148.4065	141.5173	150.3698
CUST_34311_PI429010886	M9297	7.51635E-06	12	3						150.9062	177.4828	190.5906	181.5978	233.0946	196.9337	177.9607	186.658	172.9098	137.3382	174.6876	169.1505	178.3834	189.8628	170.4605	242.9432	233.9614	210.7377	145.0185	156.8401	131.8408	122.709	128.3485	121.2857	159.7501	195.0513	258.0601
CUST_7688_PI429010886	N21924	7.58895E-06	24	18						985.4686	777.0993	1124.051	985.8154	746.9967	771.5383	569.0422	794.9446	745.3715	830.4195	687.9587	600.669	1066.707	783.1683	768.539	835.3759	935.0962	885.1856	1441.945	1245.448	1424.355	1395.332	1223.646	1132.862	1486.662	826.1267	1578.545
CUST_33676_PI429010886	M7582	7.79659E-06	12	0	338224394	ADP-ribosylation factor GTPase-			1.45E-13	36.52621	24.31278	27.88568	21.9708	15.82041	17.02795	16.6676	12.95843	17.47317	21.10822	5.52076	24.65812	36.16824	26.05879	25.11048	23.65648	28.67614	22.35703	18.54037	19.30796	11.54107	33.26038	19.28668	17.63683	36.05055	35.89334	28.52375
CUST_27104_PI429010886	N55454	7.92038E-06	24	21						159.2473	92.13598	223.1865	NA	45.01222	38.6365	12.98896	27.15149	9.09449	113.0417	113.3132	199.908	7.473014	41.39421	21.96186	223.0141	96.7742	101.7154	213.4477	75.58915	270.6947	662.3233	386.4267	336.3009	84.11819	77.58626	75.63986
CUST_42560_PI429010886	M60585	8.01234E-06	24	0						33.71063	24.81983	40.26358	23.76937	31.4218	23.49626	22.48649	22.94786	21.29385	13.27388	13.79482	21.3729	16.0527	19.68126	16.79051	37.16734	17.12548	17.68077	36.22942	30.22988	19.60068	24.00156	27.37887	19.35535	45.84356	31.87047	29.75114
CUST_4522_PI429010886	N16960	8.27288E-06	24	3						19.29772	12.17645	104.7593	15.21906	44.84231	16.61149	7.318417	13.10406	29.79615	8.210092	14.47659	13.05124	12.14327	6.734835	3.609099	6.598734	4.632417	8.994279	9.923975	11.12081	9.538918	5.379272	11.84707	14.7781	15.42011	14.26389	17.26844
CUST_53216_PI429010886	M100760	8.35786E-06	24	3	223670745	alanine racemase [Marsupenaeu			1.58E-20	19.30163	23.37085	20.07697	32.46193	27.19181	27.22159	22.39833	27.97979	27.42998	22.87088	23.75071	24.485	18.77059	27.9284	17.68077	10.56207	18.97317	17.13864	14.8912	16.33804	13.81248	16.42131	23.91812	13.50148	24.29996	20.29507	15.10046
CUST_52335_PI429010886	M97104	8.71101E-06	24	21						182.2404	229.0326	254.9746	168.4808	180.1675	202.0095	162.6721	180.9942	187.5559	184.5044	158.1747	215.5226	186.1968	166.3679	198.0827	247.0114	214.2802	210.5427	228.29	216.3122	203.1024	286.5775	233.8809	290.3829	274.4544	232.4886	253.1631
CUST_1613_PI429010886	N10239	8.78425E-06	21	15	242012413	Coatomer subunit gamma-2, put	Transport	Protein transport		102.9317	360.6127	210.991	276.7278	343.406	231.4946	297.7147	402.1648	336.7218	493.2216	511.4855	519.6084	435.2817	452.142	347.2002	502.9461	634.8724	571.9784	387.5344	393.4684	297.9948	252.401	225.4711	261.0327	339.4175	543.3224	311.1315
CUST_11408_PI429010886	N27759	9.06416E-06	24	18						2177.847	2001.707	1906.005	1803.597	1005.258	910.9934	3313.258	1636.385	2620.241	2144.939	969.8589	1127.686	4445.119	1854.805	1257.339	3020.109	2166.525	3127.267	5039.165	4685.458	5304.997	3516.69	3373.758	2577.27	2893.96	3284.996	2507.724
CUST_2639_PI429010886	N12811	9.1654E-06	24	15			Protein metabolism	Cellular protein modification process		53.081	72.77442	74.93498	37.17924	42.09646	38.14824	61.77408	57.69989	67.50363	60.0628	48.6368	68.33012	71.0111	53.28017	60.47985	77.76407	91.51354	81.04337	73.65204	62.76069	84.5309	65.11364	60.11411	80.23561	47.60538	50.7989	67.69664
CUST_53681_PI429010886	M102785	9.28354E-06	21	15	498936229	PREDICTED: ovochymase-1-like [	Protein metabolism	Proteolysis	5.62E-09	294.0637	645.7283	507.9246	319.8028	337.4051	214.0769	477.1875	469.784	564.5167	517.5058	464.4221	188.4898	466.3373	559.5956	557.036	1212.98	762.4429	941.0274	557.036	519.1671	702.1022	499.3569	308.8108	431.4309	446.7799	332.5739	369.8268
CUST_32981_PI429010886	M5626	9.29959E-06	24	21						179.0994	179.5567	215.9822	150.3467	186.3368	136.8604	92.92674	128.4222	117.6651	164.8179	169.6456	132.9821	206.0093	133.196	186.9781	195.9869	202.7406	146.7658	315.18	156.6771	164.5654	335.4857	215.2625	217.7022	337.9166	161.0268	195.1701
CUST_42252_PI429010886	M59804	9.29959E-06	24	21						113.7894	104.1208	107.9823	82.45499	91.6474	91.71339	33.33788	84.78014	67.43392	89.1801	95.27189	73.7088	131.7124	72.50711	151.9479	116.2734	120.9166	83.4815	183.4751	120.7334	138.8656	211.4099	138.2596	172.5896	265.541	105.9997	212.1398
CUST_46065_PI429010886	M71240	9.83933E-06	24	15	291232140	PREDICTED: RNA guanylyltransfe	Metabolic process	Cellular amino acid metabolic process	8.57E-16	13.29205	13.08456	20.28829	12.34559	16.68416	11.70368	19.29772	17.86876	16.97405	20.49356	10.53196	20.08859	26.81517	18.72559	12.8605	21.99703	21.70516	26.91338	24.82555	19.84259	20.59384	19.81872	13.55607	17.99711	17.60139	12.46071	16.8636
CUST_47369_PI429010886	M75818	9.88042E-06	21	18	13898841	CUB-serine protease [Panulirus a	Protein metabolism	Proteolysis	4.61E-09	25.62527	27.9125	39.33451	16.99266	10.76358	11.63109	24.52901	68.17964	47.19052	47.14137	38.50344	6.963509	51.98033	46.33211	39.20662	92.26014	57.73118	93.04693	71.23962	98.12003	89.95321	64.2158	11.72058	42.55235	37.73322	7.734794	29.76443
CUST_42209_PI429010886	M59694	1.01668E-05	24	18						21.8116	38.30668	39.12428	24.27972	47.95677	32.99838	27.62832	38.42576	38.78289	33.09195	28.33805	36.85694	41.85499	54.88564	40.4062	44.03643	54.11401	80.15283	71.89101	58.76888	102.5315	47.00541	52.17564	59.42381	40.0648	43.87393	39.84392
CUST_37962_PI429010886	M22486	1.02654E-05	15	9						70.80726	118.9114	144.7014	194.4561	94.52718	55.76126	147.0744	128.3309	257.2967	430.3398	309.9338	325.3527	436.3894	242.833	217.2732	30.41985	67.07909	35.56743	92.7356	66.03803	142.5195	301.5476	248.1114	295.5482	170.4605	194.8762	455.3201
CUST_44116_PI429010886	M64987	1.05133E-05	24	15						427.1681	1276.272	550.4921	350.649	302.1401	340.7195	418.5156	558.2968	480.9139	685.9099	474.5724	449.3664	557.162	455.8434	588.164	1171.1	1839.274	1256.746	872.6161	654.9488	842.6773	520.6055	813.5332	661.1838	709.2377	638.4715	761.0743
CUST_56944_PI429010886	M114968	1.1452E-05	18	9						10.22784	13.67765	12.16729	9.290836	14.49503	11.4263	11.58566	12.59938	14.25286	19.23624	22.93309	24.82555	17.21755	13.48116	12.7945	16.08831	13.16217	15.33609	8.371114	13.65208	9.504797	9.317073	6.344447	5.785239	13.97991	9.508309	14.48048
CUST_42313_PI429010886	M59979	1.17564E-05	12	3						57.56013	43.81166	36.32296	116.5601	127.5646	160.389	81.81979	64.92793	64.07605	29.72388	37.49842	27.97979	59.83108	45.53592	41.92055	149.8334	68.82621	103.7428	93.90326	27.38699	100.2134	64.52421	23.3627	54.76127	88.43455	104.203	55.78477
CUST_41879_PI429010886	M58780	1.2104E-05	24	12						88.6413	77.2068	53.5836	116.7583	124.2797	103.0482	96.94761	106.2034	121.3126	197.2216	154.7807	176.8026	240.3058	194.4561	239.2059	121.0574	170.9358	208.794	97.00725	112.0077	71.64925	135.864	115.9671	202.3086	128.2244	96.25473	83.14687
CUST_8393_PI429010886	N22976	1.28268E-05	15	6						104.9377	73.39823	70.70842	119.5986	61.61447	95.14144	499.8092	161.9628	402.2649	116.0279	78.04556	109.3354	99.04563	51.83065	91.45416	109.425	80.63078	112.2221	106.0541	107.696	117.2299	154.4454	127.5443	162.7885	117.3803	76.7295	141.2055
CUST_10273_PI429010886	N25984	1.28714E-05	21	15	195494829	GE19913 [Drosophila yakuba] >g	Transport	Ion transport	3.23E-26	12.38261	19.44173	17.5341	13.0479	11.88722	19.11956	13.25033	39.00145	17.927	NA	35.62662	13.18135	31.39279	28.08439	20.89958	45.13797	31.22074	26.95753	22.83896	21.03435	30.01166	9.169725	20.4296	20.63115	5.964848	11.27831	12.2785
CUST_31663_PI429010886	M2104	1.29278E-05	24	21						1282.19	1710.003	1352.068	1228.382	1039.627	873.2461	826.9656	890.6088	971.9693	1164.205	1072.507	1180.485	1219.279	893.2381	1182.698	1347.499	1260.62	1387.245	1417.404	1186.54	1100.31	1670.335	1305.464	1520.832	1719.004	1274.879	1987.037
CUST_41260_PI429010886	M57268	1.29278E-05	24	6	530567046	PREDICTED: carbohydrate sulfot	Metabolic process	Carbohydrate metabolic process	1.59E-16	37.80064	30.65156	40.28969	87.10926	70.36116	72.26194	73.13284	112.5245	116.0138	44.73914	86.81904	45.33378	25.45483	94.39327	106.8768	39.41457	82.56422	59.75785	52.96757	53.64076	34.24084	29.53809	28.86593	28.95792	38.97889	38.24515	42.06849
CUST_38075_PI429010886	M23222	1.29367E-05	18	3	321455420	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	6.7E-81	81.75003	67.88505	78.5366	301.3368	109.2822	149.3381	88.98877	116.1509	56.37975	38.81388	36.71863	26.01047	69.86685	15.3089	56.2194	80.77747	82.40323	5.385232	109.3921	36.89757	61.3302	221.0635	304.4188	195.1036	218.7135	142.126	188.5963
CUST_49139_PI429010886	M84314	1.31125E-05	24	21						75.2089	96.53451	119.8767	52.83064	37.44599	56.85229	36.18918	78.43006	68.92908	108.7551	64.13867	59.16434	95.96208	77.49407	108.1394	110.5907	148.2361	93.71999	114.9073	109.561	91.16754	225.9507	113.2581	158.9424	112.8468	94.65834	90.29464

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_11197_PI429010886	N27424	1.33117E-05	18	9						11.97474	13.14544	8.631384	15.48991	14.74939	19.43327	22.53853	42.25942	44.83771	25.42345	46.04292	51.8805	13.40443	13.91427	5.447639	39.48899	11.37669	37.98691	9.576311	8.247584	12.90521	30.18612	14.7781	9.406434	55.39639	43.88384	24.93287
CUST_38504_PI429010886	M27503	1.35472E-05	15	9						482.9421	602.7354	583.0039	459.4079	310.2931	377.0504	663.5871	507.3489	533.6749	681.8481	755.8283	586.5026	704.9081	627.1961	576.7675	663.1483	618.1517	554.6469	378.0804	388.382	384.2558	663.8187	444.7023	651.0737	656.4851	509.8873	752.0705
CUST_42228_PI429010886	M59736	1.38512E-05	24	21						110.8393	123.675	139.9139	111.4946	105.9717	109.3218	85.26437	103.657	112.2997	107.9218	99.51051	111.5065	109.0861	106.3835	119.5461	155.7011	119.0449	132.3978	140.4625	114.2182	119.3101	166.5929	125.4319	153.2351	131.8851	115.0038	137.7644
CUST_11325_PI429010886	N27624	1.40359E-05	24	21	307190239	BTB/POZ domain-containing pro			3.29E-51	127.6821	121.5207	111.6419	98.71772	91.98987	77.16447	92.16269	90.19219	69.79048	98.91443	87.15453	162.165	101.98	105.8805	141.3865	113.5681	106.8903	128.2527	109.0351	112.1553	131.4171	133.4052	140.3412	198.1201	109.7929	121.3825	171.7541
CUST_44183_PI429010886	M65195	1.44053E-05	24	21						267.5084	338.4518	380.6302	318.4002	252.8481	219.8411	157.1328	281.0852	268.9804	314.7154	299.2328	213.152	660.6448	292.5506	410.9137	296.7459	484.4076	312.1009	493.728	415.8814	446.7799	660.9643	475.5631	526.1263	660.4277	329.4331	469.6287
CUST_2564_PI429010886	N12639	1.45756E-05	24	15						75.12194	101.7856	134.9328	67.18486	88.4112	94.98744	102.6741	87.17685	96.80429	100.9966	90.56235	73.52981	101.3719	109.6493	103.7123	163.488	257.6419	229.0326	135.397	98.4933	136.2198	103.4142	92.53323	103.6807	94.04538	92.39145	116.1322
CUST_41715_PI429010886	M58374	1.46017E-05	21	15						66.0686	50.45124	24.97563	54.87487	27.36851	27.67843	38.40048	67.48873	65.69754	67.87655	67.19251	32.23946	80.84339	39.10716	37.39308	128.2695	68.24011	161.8663	93.08615	46.49241	65.82127	50.4056	45.58935	43.98563	25.91577	21.7829	27.03026
CUST_27765_PI429010886	N56656	1.5345E-05	12	9						76.00489	61.10664	63.45821	95.91396	48.65167	49.33322	48.95167	62.98013	65.67004	113.8069	196.7753	122.0363	115.6261	64.38614	73.24134	35.54077	31.81107	40.28969	48.81917	39.60825	39.76397	103.0416	143.9614	146.5888	61.06467	98.96283	126.7539
CUST_38261_PI429010886	M24805	1.60543E-05	24	15						243.5905	314.9328	355.5754	226.205	212.5696	238.4834	270.6292	288.1795	274.5195	319.4595	288.3603	298.2569	465.3594	238.6215	298.439	391.1906	439.9905	454.5758	387.249	310.1119	359.943	345.1067	307.1973	365.4091	368.8823	299.9819	435.1623
CUST_4608_PI429010886	N17124	1.61088E-05	24	6						536.3161	683.6777	889.8299	1098.604	836.3643	1091.098	1154.406	929.9574	1257.92	527.6644	906.4938	616.2414	877.7497	1138.567	880.5962	129.1955	104.258	208.404	450.3327	873.9122	317.9491	445.9579	301.4906	290.029	477.7276	737.2275	128.2402
CUST_38574_PI429010886	M28143	1.63127E-05	24	21	326781697	crustacyanin subunit C [Fennero	Response to stress	Defence responce	5.92E-39	495.0948	194.0917	575.2243	559.1602	293.0253	151.3747	103.8712	107.2469	183.5637	135.1101	317.1285	94.83653	312.4297	55.91239	192.8968	110.9089	212.8617	69.77877	2659.616	832.894	1495.315	4870.528	1643.622	2749.137	1774.191	325.3527	1390.116
CUST_32899_PI429010886	M5422	1.65564E-05	12	9	13624645	arrestin [Libelloides macaronius	Signal transduction	Other	1.13E-95	46.38013	67.14461	53.82263	43.83432	31.53769	45.5838	61.6196	56.98746	69.39785	103.5895	94.31617	90.14554	78.518	73.4071	74.10459	32.4397	23.5771	27.01915	47.7889	79.92025	68.27308	77.65458	76.92811	28.00193	83.08821	66.3578	72.62444
CUST_14003_PI429010886	N32159	1.66881E-05	24	18						29.83087	24.28357	22.43976	21.89139	25.8029	20.82309	17.92495	21.1277	25.90137	28.93482	18.2576	26.27536	22.11134	27.79096	32.70202	29.0511	21.7829	30.43559	39.76763	36.7	35.30149	40.55055	29.4873	37.29216	34.69802	25.12586	25.93287
CUST_11117_PI429010886	N27293	1.67067E-05	24	0						17.81749	15.77123	14.39849	29.83399	8.156982	9.370822	NA	10.35947	15.19805	27.35507	6.423762	7.717206	3.643247	3.805914	NA	6.844388	4.508663	NA	10.76826	7.259084	5.375793	9.782412	11.66289	9.853533	19.56045	16.18394	16.54899
CUST_33903_PI429010886	M8195	1.68675E-05	12	6						6.256607	24.95555	26.53793	19.32541	28.04196	26.26192	32.64017	32.44579	37.30482	23.38184	27.44734	25.71381	14.00894	18.54665	25.5482	26.20838	31.86686	32.93138	27.99056	32.85244	37.7496	21.3257	26.78263	21.54205	22.72787	26.11949	11.39401
CUST_47620_PI429010886	M76909	1.7338E-05	21	3	390333997	PREDICTED: RNA-directed DNA p			1.79E-12	17.50958	11.99747	12.41811	26.55873	19.02577	20.6404	21.83781	18.57947	19.31397	19.38111	17.50536	17.57039	23.34681	15.44101	19.88289	12.61565	17.4076	12.21233	13.1101	7.678598	14.52879	20.59384	20.45768	17.30435	35.96649	20.57756	26.346
CUST_30745_PI429010886	N62542	1.76956E-05	15	12						50.64865	53.5836	45.47674	44.1584	34.08501	51.48244	20.56044	23.82015	27.65463	28.3093	28.6389	28.53702	55.43214	53.70551	67.90691	47.39716	48.39798	40.86304	36.31158	42.53392	48.28205	44.06952	30.56155	36.91238	40.23235	35.4732	44.16632
CUST_19941_PI429010886	N42487	1.7897E-05	24	18						55.92368	5.03462	53.33823	27.54533	21.43518	NA	38.35367	128.1168	77.96514	130.3441	12.17645	76.08583	216.896	135.9051	58.57991	173.502	140.7771	189.1039	250.35	423.1563	572.5541	118.7214	NA	96.89897	311.8576	105.7248	214.3188
CUST_19924_PI429010886	N42458	1.80024E-05	12	3						52.27137	12.74627	NA	40.96379	59.25391	64.06114	31.22451	17.18131	3.860008	22.42126	29.91504	14.68427	39.61981	51.56856	33.69474	98.84501	40.86771	54.03718	36.01433	NA	39.77797	NA	13.79883	3.396718	30.59991	23.60789	NA
CUST_39965_PI429010886	M47565	1.849E-05	24	12						68.34584	178.0606	99.43494	438.2151	147.9373	259.3611	512.6794	651.9522	855.8718	160.5879	1746.391	154.7807	767.6438	801.0558	341.4287	241.8418	254.1863	308.4293	124.1767	167.1713	178.9536	108.5581	334.1482	256.9019	15.91592	111.355	103.8983
CUST_47182_PI429010886	M75089	1.86049E-05	15	6						171.722	34.87919	52.47367	501.0897	122.709	76.46737	666.6396	145.843	752.4222	212.8617	180.3948	240.3937	165.8756	287.5406	14.95707	26.86328	11.25405	25.97013	60.28486	311.8576	142.8672	689.88	587.5636	854.3715	158.132	858.7677	542.9984
CUST_31426_PI429010886	M1498	1.9226E-05	18	3						715.4355	340.4211	909.1828	935.4596	884.7471	864.5859	370.6325	531.2109	657.7333	451.9245	458.3577	456.7205	777.6219	466.3373	620.4556	370.8194	312.0575	324.2431	758.1822	562.0064	658.5111	852.2653	907.1782	745.1009	691.8963	630.7177	877.7497
CUST_54469_PI429010886	M106157	1.97833E-05	18	3						12.83426	10.17486	29.7311	42.87617	25.44551	31.19127	7.933892	13.22308	28.40807	14.49179	8.623114	5.097218	15.40011	17.04802	12.57186	9.956264	4.590859	4.079769	14.98029	12.70744	14.26253	25.74244	17.23806	17.68234	17.16032	25.46958	22.93584
CUST_22555_PI429010886	N47228	1.99463E-05	24	9						69.08095	104.7593	78.33954	115.7562	189.7104	210.8385	225.5927	142.9154	124.5835	197.1276	163.8654	138.2203	177.6996	90.47296	183.4518	150.2498	165.0676	130.4587	123.0866	129.7428	131.0463	116.2897	114.2182	138.2964	103.8305	111.6675	93.26197
CUST_37979_PI429010886	M22563	2.00472E-05	24	21						816.5697	671.5725	756.6003	625.9001	450.6028	518.0684	220.6649	381.5238	370.0497	598.0964	491.5182	377.0504	730.7886	228.3687	572.9401	532.2614	690.3228	180.9657	963.1582	543.8441	782.6486	1136.704	1102.526	855.8718	1654.651	811.6064	1366.714
CUST_48484_PI429010886	M80570	2.09064E-05	24	21						1621.358	1773.012	1678.527	1488.548	1025.404	937.9336	714.2812	974.9689	873.9122	1589.718	1047.687	682.3134	1906.005	740.8082	1521.677	1393.878	1920.18	799.983	2273.452	1445.709	1846.233	2622.032	2119.199	1945.845	3751.984	1715.071	2543.39
CUST_23787_PI429010886	N49461	2.09794E-05	15	9	321478405	hypothetical protein DAPPUDRA			1.8E-40	105.8953	122.7362	102.9823	125.4485	137.5851	108.2394	153.4511	153.7672	152.4151	175.4084	149.0265	155.0803	153.1975	133.3487	158.0057	161.3784	127.3153	128.1317	127.259	132.8754	149.6035	138.2964	153.6889	172.7187	159.6864	165.742	196.1132
CUST_32190_PI429010886	M3481	2.11928E-05	24	21						3702.472	6461.658	5525.521	3568.199	3940.028	2983.608	1789.218	3041.467	3098.696	4508.46	2996.567	2751.324	5686.353	2757.04	3310.069	4940.836	6676.906	3664.856	8321.498	5587.034	4919.057	8945.499	5966.983	5833.315	12674.82	5756.98	6913.964
CUST_13764_PI429010886	N31731	2.16455E-05	24	9						11.17863	NA	NA	8.3196	28.90326	15.35881	14.90623	9.368146	10.16018	16.03888	18.74591	22.25295	11.45197	20.33857	10.24931	5.226331	4.935572	5.996867	7.473014	9.673796	4.46262	6.285156	3.666007	4.553311	6.284027	6.970533	7.471039
CUST_10308_PI429010886	N26036	2.17656E-05	24	21						190.5205	200.6783	304.6294	170.9358	155.7673	175.8219	70.06906	120.7183	130.7209	238.9649	154.5921	194.6876	227.7726	150.4102	267.7885	354.6555	249.2581	271.8944	342.6821	191.5454	215.8263	460.6841	247.6563	328.9434	436.601	205.1165	345.1684
CUST_719_PI429010886	N6910	2.17656E-05	24	18						7157.757	7147.632	6376.466	4061.362	2551.022	2371.181	6649.946	5068.287	7558.705	5322.868	3130.289	3082.237	7950.355	5476.032	4140.108	10408.52	8669.063	9330.025	14470.28	10109.9	12807.83	7048.129	9241.731	6543.051	11429.91	10506.53	9167.401
CUST_16510_PI429010886	N36354	2.18312E-05	24	18	322782929	hypothetical protein SINV_0537	Transport	Transmembrane transport	1.78E-24	45.61423	62.53388	118.1166	53.95752	33.13254	13.10546	6.804117	50.72013	50.15592	26.80276	24.9948	14.55272	40.34223	22.55249	56.50326	51.46015	47.01945	43.41687	153.9484	123.305	143.2644	98.13418	51.08768	75.07482	134.6275	44.23244	103.7192
CUST_1638_PI429010886	N10306	2.2052E-05	24	21						183.9367	172.7187	217.909	153.1826	170.0456	148.4065	93.22902	133.2629	136.6363	189.9176	157.2999	143.647	211.8745	146.4225	192.0011	192.1306	220.5454	121.5461	314.0471	187.0484	164.3905	360.0208	203.9603	215.4758	325.1203	190.2229	208.8218
CUST_3634_PI429010886	N14933	2.21431E-05	24	18	321461243	hypothetical protein DAPPUDRA			4.67E-15	604.0998	1359.053	1228.932	600.2455	442.2313	221.9709	798.8065	591.4732	1290.575	252.0561	623.6004	269.2665	672.7456	363.9263	380.915	373.5884	1005.258	872.0312	1904.856	1556.093	2449.312	924.3063	1456.541	1807.527	1095.503	754.5011	1472.69
CUST_7824_PI429010886	N22136	2.21431E-05	24	21						100.3016	75.13872	71.30275	89.57069	54.37537	70.32352	28.16113	43.10438	35.75625	82.82852	62.7253	35.15693	47.17279	20.82309	39.21008	40.36067	50.45617	5.170512	170.2707	79.30248	103.3338	125.5586	158.0988	112.0856	148.0804	111.007	182.2041
CUST_3288_PI429010886	N14189	2.22033E-05	18	15						478.0895	287.3062	200.9666	90.98859	43.70175	52.75072	385.0272	334.6481	318.5699	342.7829	196.3457	82.49497	399.9663	322.3894	214.9341	1429.079	621.285	1296.153	300.3068	539.2249	769.5468	232.9522	31.04592	212.8617	353.2411	132.5501	190.0624
CUST_27822_PI429010886	N56757	2.23005E-05	15	0						59.70409	128.2695	135.7428	49.28723	63.83347	46.86356	19.24654	58.445	59.27468	27.76408	30.15628	40.05574	134.703	48.87698	151.1698	192.8968	74.84749	121.9377	83.1934	71.84187	69.22757	72.04345	40.5799	37.34026	30.31787	55.70902	48.28814
CUST_5618_PI429010886	N18954	2.23383E-05	24	18						35.89334	41.59688	32.47615	31.37822	31.12088	33.86827	38.47726	43.84747	41.56334	47.73425	47.87448	36.18124	40.03773	32.58484	35.77181	42.32017	48.90741	44.73116	52.44267	66.54171	47.61903	42.99816	46.99361	45.83287	41.35381	32.0098	43.39176
CUST_52479_PI429010886	M97580	2.29111E-05	24	3						74.7748	63.41449	120.8801	112.9448	123.935	98.42724	58.67768	95.47293	81.85533	58.49428	116.3062	80.03641	68.08811	91.18387	65.59134	62.23993	64.57231	60.74813	51.71141	57.50494	53.51076	67.97894	89.05929	74.09264	57.14912	92.67361	103.9393
CUST_42396_PI429010886	M60180	2.30377E-05	12	3						10.25273	28.21781	9.731693	35.59076	52.2471	41.18226	35.72862	25.74244	29.23756	24.03468	35.1142	17.82084	7.735995	10.14305	5.578787	50.64118	96.89897	33.82054	18.8882	38.4415	20.50045	15.54537	35.75247	29.85598	15.7085	34.10624	14.33104
CUST_955_PI429010886	N7968	2.31001E-05	21	18	291241039	PREDICTED: Caenorhabditis Epo	Metabolic process	Other	4.8E-56	43.73952	40.04223	54.32526	55.0756	25.87427	29.90874	18.1992	34.44149	34.97429	20.87993	30.07238	28.28634	33.80053	36.96718	21.37642	29.67188	61.06467	43.23211	58.41256	55.08315	73.49385	66.82276	58.9878	50.1087	44.88521	21.53675	36.32916
CUST_57300_PI429010886	E4642	2.38855E-05	24	9	548856974	hypothetical protein AMTR_s00(	Cellular component orga	Cytoskeleton organization	9.02E-08	271.2533	319.5317	295.6289	236.7562	439.7541	398.088	502.0555	385.0272	362.5008	397.3902	450.394	563.9832	215.9178	382.191	366.157	384.0543	517.7643	411.776	241.7074	226.9579	354.2621	135.4351	205.8558	225.0517	294.3919	371.5772	267.0346
CUST_17081_PI429010886	N37327	2.38901E-05	24	6						43.71813	29.19296	15.09931	63.76387	98.97699	90.21633	148.7099	81.58851	99.66557	69.83801	73.67616	123.8539	NA	100.1016	43.79783	116.9614	64.9627	68.64759	20.35931	90.87055	40.53157	NA	5.684912	3.671	50.38885	65.05732	9.723255
CUST_12694_PI429010886	N29883	2.40144E-05	24	18						232.1097	26.89377	211.2323	310.7267	240.4351	10.05212	89.36499	144.7602	211.695	69.264	8.474912	50.03259	649.7567	305.1744	165.0194	47.64701	71.29445	83.91189	1063.832	828.8502	1186.54	613.3285	968.0088	779.846	271.9604	158.518	403.1106
CUST_31743_PI429010886	M2290	2.42127E-05	24	15	91091526	PREDICTED: similar to bone mor	Protein metabolism	Proteolysis	7.68E-08	170.1972	67.05704	59.98742	17.33888	13.02032	24.33371	134.5506	150.4473	117.7425	270.8095	172.1367	32.42334	238.8236	151.3747	141.3156	867.2487	202.7719	846.6405	186.5169	150.1608	292.4745	191.4096	12.6499	161.7314	248.8552	93.04693	138.4394
CUST_15583_PI429010886	N34824	2.42127E-05	24	15						114.9878	119.2089	119.6713	101.6228	94.92219	92.59408	108.298	113.7096	93.97841	117.6651	95.92856	144.5615	98.52549	110.9429	112.6387	148.1501	143.8649	139.9464	126.0899	131.771	127.4883	114.4474	131.8408	138.8443	129.2412	111.2894	123.8699
CUST_30607_PI429010886	N62217	2.49827E-05	24	18						61.98061	102.4255	88.40609	70.89193	50.16118	60.10219	60.77638	70.48984	72.09362	76.79923	81.28557	78.44375	61.76701	74.69118	62.00499	87.71525	88.37671	94.16687	96.84289	93.20756	105.9309	92.67361	110.1773	105.2262	72.38862	72.67801	111.5466
CUST_460_PI429010886	N5425	2.50552E-05	12	9						5350.891	944.8425	4690.093	9699.55	2345.461	3336.354	2180.402	1035.674	2865.238	22092.06	42662.49	14363.02	27153.68	4594.069	11667.94	164.2936	560.1392	327.3332	5799.539	2526.145	4922.978	30141.56	33963.44	33637.86	11112.95	30352.12	31801.71
CUST_2275_PI429010886	N12009	2.53685E-05	21	6						27.03026	15.55749	15.4847	42.32505	27.37466	NA	46.06104	196.7413	61.49909	14.39152	12.96002	12.34178	46.69101	63.70746	94.16687	13.3386	7.589324	9.970616	3.5127	4.835599	5.33569	24.03275	NA	22.22815	NA	452.9256	NA
CUST_3063_PI429010886	N13719	2.53904E-05	21	3			Metabolic process	Lipid metabolic process		292.7676	71.58388	348.7073	355.0179	210.2979	182.0409	167.3313	416.251	177.2962	81.29518	54.54964	38.00456	89.36499	79.06068	65.94538	132.3978	72.62444	139.3207	275.293	236.6326	176.9139	211.695	148.1737	157.3269	311.3849	378.0804	286.926
CUST_38411_PI429010886	M26337	2.59224E-05	24	15						119.6854	267.9409	183.2542	694.4759	374.0444	496.3451	601.9971	601.5188	898.0277	151.5867	1432.11	410.4537	1547.502	1235.266	361.9725	1745.528	999.3353	1542.881	157.9135	316.5959	302.274	65.44741	205.2018	184.6852	92.99115	94.16687	147.3568
CUST_38156_PI429010886	M23744	2.61609E-05	24	12						78.07876	124.7151	98.83232	521.9217	219.3902	352.5182	490.5865	446.2058	690.0542	65.67573	1136.704	214.4299	645.8971	732.7914	234.6915	232.1999	365.9284	278.2449	170.7496	134.2073	215.6896	85.50328	197.6734	189.6492	33.91249	100.875	111.653
CUST_32817_PI429010886	M5186	2.61609E-05	24	12			Symbiosis, encompassin	Other		58.91866	48.73108	64.45499	281.9365	60.69474	157.9287	306.0384	172.6519	408.1953	99.49612	300.549	52.06198	386.8846	297.8825	118.7499	121.8844	98.76623	99.56289	70.16535	38.77522	86.73529	67.60668	41.63922	78.8865	13.91119	19.95709	37.94299
CUST_56149_PI429010886	M112964	2.61759E-05	24	6						29.13899	32.01836	36.26515	34.43964	45.47674	55.47729	50.81159	96.09055	71.72818	45.57662	30.36386	25.23652	30.29264	29.71228	14.0307	12.82717	80.5549	19.41383	17.32266	21.60932	6.954276	28.59585	17.44435	15.25766	13.82768	31.90012	14.11506
CUST_23811_PI429010886	N49513	2.6193E-05	24	0						91.12829	83.49206	118.4103	102.6964	48.30656	97.32812	46.17834	90.66543	99.31589	52.34706	61.40643	65.86088	81.4582	56.86184	69.43522	70.86476	87.89749	74.46936	100.4643	99.6269	146.4225	106.3359	111.0263	117.494	153.2351	107.6017	147.2789
CUST_16769_PI429010886	N36836	2.63505E-05	12	9						5.182985	11.51019	4.02905	252.884	188.695	NA	84.5309	76.82742	57.39735	965.4976	1691.116	871.592	33.30723	38.74481	21.08968	5.511281	15.88592	11.21773	6.25226	90.12112	112.2102	1370.424	220.7835	1011.588	9.381399	5.085084	9.026741
CUST_44782_PI429010886	M66977	2.74893E-05	18	15						155.7673	113.5034	80.3791	32.56117	18.33712	25.98862	55.67726	80.33191	74.01825	54.35078	37.1975	16.57521	195.4372	81.67118	132.3768	387.9483	192.2095	440.5339	172.2349	215.3375	344.1561	71.5149	8.937861	50.25143	124.7322	68.19401	27.28454
CUST_38920_PI429010886	M31970	2.76696E-05	24	9						6.988127	84.06095	87.41282	9.203065	78.24597	49.5489	189.6097	NA	174.8016	135.4989	1078.02	NA	103.0089	94.93084	201.5828	24.2919	12.85763	23.21635	4.9725	3.697711	3.742322	13.80235	NA	11.783	11.59928	11.43085	5.40299
CUST_6937_PI429010886	N20804	2.77404E-05	24	18						12.47186	NA	9.841307	5.262435	4.934123	6.319446	16.4789	NA	15.40374	20.84466	8.129627	14.85649	20.67603	NA	7.885832	18.40393	NA	15.91592	28.97134	43.54722	70.73344	23.25881	11.97145	27.79642	20.83109	12.54058	25.85908
CUST_10304_PI429010886	N26031	2.83099E-05	18	15						131.6028	197.7606	222.9863	162.1415	142.4683	158.5985	158.469	154.0925	129.5849	201.4635	172.4491	160.713	154.4681	172.5012	178.6434	216.9264	222.6501	203.0154	197.4586	140.7964	161.0998	137.6616	135.9631	142.8672	121.9201	121.7034	135.397
CUST_24154_PI429010886	N50128	2.84642E-05	21	6						244.5822	65.47772	73.4442	275.6746	65.5613	96.10147	912.8746	217.909	606.1742	305.7738	84.84135	108.4858	270.2762	93.35268	79.74416	135.0731	89.08902	202.5815	38.41822	57.18227	68.84252	71.02716	64.59327	93.22341	97.51431	97.70277	107.0748
CUST_40889_PI429010886	M56308	3.00282E-05	15	0						436.2064	666.4362	390.6122	323.0951	240.479	191.0479	176.3429	258.9303	213.4873	138.6664	292.4745	300.8131	199.421	148.298	252.989	337.7577	1994.973	1347.499	291.1427	250.7116	312.4297	104.0803	113.878	155.5483	85.97141	310.2931	265.5849
CUST_11490_PI429010886	N27893	3.11819E-05	18	15						62.367	70.24722	73.22433	44.34431	37.98691	41.15865	93.61951	69.53147	59.22327	95.64524	86.02033	76.29019	67.31002	54.04744	63.07317	83.76355	110.0991	97.26952	57.92587	71.64925	75.81657	53.33381	52.48812	64.46055	62.68299	58.53483	68.4765
CUST_37859_PI429010886	M21901	3.16195E-05	24	18						228.29	171.9553	163.1045	62.3082	44.57171	47.39234	179.1574	210.1175	93.03552	963.73	69.53723	726.5143	1476.878	1981.815	1095.073	115.8791	1719.004	1808.449	2564.444	1303.295	2073.458	67.51408	2455.967	33.75549	269.6374	207.6167	66.28735
CUST_31621_PI429010886	M1985	3.16933E-05	24	18						80.47316	101.361	96.9842	113.6471	104.3412	86.90266	101.522	108.0057	74.87652	82.42776	51.35849	60.94991	96.04821	72.27008	77.57132	126.1572	102.4924	135.5781	128.0468	132.4149	144.849	131.0265	106.5406	211.6596	106.3489	106.1339	111.355
CUST_19970_PI429010886	N42534	3.26254E-05	24	3						15.88272	14.47089	16.8811	16.31601	15.32206	14.07152	11.79955	13.76486	10.5374	9.974531	11.12735	7.032137	8.575367	6.668119	4.366932	7.227037	7.548659	8.373343	10.45447	9.503205	5.442961	7.174372	11.41802	13.60934	14.75483	12.70063	6.512115
CUST_17697_PI429010886	N38423	3.27705E-05	24	0						22.13777	18.14187	24.85437	21.21527	14.53951	15.36202	14.05555	15.62519	8.378958	11.06316	9.988283	10.38947	18.02767	8.94306	9.048157	12.66337	15.36685	10.36406	14.49774	13.18326	4.882539	24.48908	16.42131	16.77987	21.51875	15.865	18.61955
CUST_35663_PI429010886	M13177	3.40237E-05	24	12						338.5986	453.6305	312.9583	840.4028	333.1336	683.1382	573.6451	601.3269	816.8898	379.9317	925.9054	351.2056	1274.133	1287.523	1026.487	371.3812	661.8815	686.6456	288.3047	521.9217	553.413	211.3776	351.7434	261.9707	209.0675	242.7012	440.2791
CUST_52659_PI429010886	M98359	3.40237E-05	24	21						65.54266	71.95656	98.00625	53.24219	74.28032	59.35684	31.28202	44.61738	58.98036	58.21997	67.61972	51.23629	57.28678	47.58263	40.47822	60.41841	61.68952	61.72095	56.94521	69.86685	76.23852	90.65467	92.84934	92.04475	91.30891	66.02134	108.8896
CUST_34193_PI429010886	M9014	3.42544E-05	24	21						603.562	960.1156	854.3715	725.6388	681.2288	572.3479	570.427	614.3598	641.9649	675.2885	690.3228	679.9519	668.7382	641.7824	722.1173	695.1268	996.7263	958.49	693.5896	705.624	722.3326	873.9122	955.1294	1035.674	876.3228	756.6003	1021.91
CUST_29274_PI429010886	N59528	3.42703E-05	24	3						13.33001	18.63493	12.55197	42.0926	22.79012	33.3276	18.76907	11.95362	17.31531	23.10726	28.22804	31.84126	23.74286	20.69694	11.66013	5.303114	6.548842	6.38796	8.524647	12.43346	11.32628	8.054328	22.905	16.96814	28.51273	18.9004	18.82944
CUST_2515_PI429010886	N12540	3.44017E-05	12	6						19.65735	25.32432	38.87535	17.81281	37.87771	31.14654	55.08315	29.68907	62.1238	27.41038	34.00804	39.70866	26.7573	34.94317	11.08066	43.18058	42.23986	37.89317	51.92132	49.27688	65.87993	27.35733	44.25351	30.7358	26.45386	22.24463	24.66557
CUST_34758_PI429010886	M10567	3.48113E-05	12	0						850.8759	1248.523	1157.025	944.508	707.1593	631.8697	549.679	850.8759	768.79	823.5364	1032.084	966.9786	1028.452	949.2292	1005.258	775.6832	945.6613	1019.654	525.7914	669.9449	671.0624	875.8259	945.6613	835.7807	967.3181	923.4428	1360.696
CUST_9107_PI429010886	N24074	3.50789E-05	24	6						123.5591	50.84751	117.9157	136.0065	17.14735	123.2485	82.3809	140.0577	152.8487	122.9511	119.9872	116.9965	155.6724	56.34222	171.7541	45.42128	55.08838	25.8664	25.38297	23.36033	12.59509	42.5786	41.46154	43.43013	59.18726	43.126	62.35954
CUST_47460_PI429010886	M76216	3.51327E-05	24	21						17.33337	26.95458	26.27536	29.28939	15.98138	24.67313	18.42634	18.21058	25.20136	28.00193	19.23236	22.79379	25.50686	35.32216	22.34874	34.16334	54.65618	42.12804	36.23287	33.09951	26.2902	76.84692	102.7749	83.74447	44.84883	35.36195	22.59279
CUST_1699_PI429010886	N10470	3.558E-05	24	15						158.9424	164.4418	123.5754	107.0876	76.93465	95.2367	123.5754	141.417	113.015	189.5124	93.06282	154.8276	244.537	125.9513	191.1727	327.9636	204.7788	277.2002	182.1021	139.698	237.9355	151.4448	134.9856	209.4303	215.0483	80.64549	192.3394
CUST_1369_PI429010886	N9427	3.60069E-05	24	21	321455420	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	1.29E-91	9179.508	12807.83	10835.48	7950.355	6592.219	7177.873	5744.161	7122.178	7912.634	9954.878	6481.59	6385.128	10987.48	5298.376	6885.506	11667.94	13616.29	6276.978	16452.07	12584.9	11695.66	18435.82	14956.1	12939.25	25247.34	13532.16	17023.68
CUST_52637_PI429010886	M98266	3.60811E-05	24	3						33.43972	24.12932	39.70716	52.52723	62.52685	72.00199	39.03986	49.5489	45.43624	13.49255	64.85257	37.67421	40.17351	34.30109	14.62671	19.77651	21.00723	30.82525	31.07275	25.80839	27.14447	32.90163	29.66835	32.83178	28.40206	47.18539	44.03097
CUST_31834_PI429010886	M2521	3.63722E-05	24	15						603.9154	1598.489	1198.216	620.2559	286.0534	340.0191	584.1152	341.84	699.7985	1281.883	684.1238	312.2924	1061.158	579.065	754.9422	2769.46	3132.033	3360.114	1312.243	1106.912	2192.968	1288.693	712.1062	1400.583	1855.874	1016.824	1055.851
CUST_37677_PI429010886	M20539	3.65823E-05	24	15	209418846	serine proteinase [Portunus tritu	Protein metabolism	Proteolysis	1.93E-11	1682.203	947.376	1008.499	381.9964	270.1829	347.6198	4392.913	1476.878	3538.483	2853.1	936.2266	586.3741	2467.704	2214.163	1205.686	13248.98	4965.926	10142.18	2742.804	2958.733	5879.268	1405.334	147.8633	1371.826	2613.493	688.6527	1329.124
CUST_33707_PI429010886	M7663	3.65823E-05	24	18						78.18007	93.51275	122.3631	80.98106	90.41336	104.2957	66.6173	61.44094	72.96939	80.70329	85.69239	77.84495	101.4865	119.1723	77.54349	76.68447	111.007	91.72224	134.703	113.0827	129.9776	103.8305	125.5586	89.25205	89.99586	110.4251	101.3475
CUST_8565_PI429010886	N23228	3.65823E-05	24	15	478859730	glutathione S-transferases [Mac	Metabolic process	Cellular amino acid metabolic process	2.6E-79	290.2155	345.674	273.6157	306.3603	293.8829	350.791	504.7574	301.5476	321.1394	409.8716	351.0025	302.345	411.8854	402.8177	315.8899	578.5106	682.5361	837.2458	610.0117	515.6628	791.3056	533.3565	378.0804	415.0852	480.4617	343.8057	414.9089
CUST_37226_PI429010886	M18272	3.6859E-05	12	0	390368561	PREDICTED: uncharacterized pro			7.91E-10	32.76569	20.99538	37.18674	29.96081	25.62847	28.99912	18.67811	4.869797	16.47106	26.96277	25.49661	18.71237	38.64548	26.83656	27.13523	28.11335	22.30308	28.33501	24.73549	15.90885	21.96464	20.29507	8.218417	22.03549	42.72194	34.39723	41.72041
CUST_42726_PI429010886	M61082	3.71182E-05	24	12						5.323176	3.759605	NA	5.783029	NA	4.982765	5.627759	10.33279	6.073281	NA	13.65748	NA	NA	NA	41.87153	7.785469	10.85303	10.97673	14.39646	6.557583	NA	9.048157	7.515502	6.121824	6.096379	3.285598	3.653973
CUST_7934_PI429010886	N22293	3.74418E-05	15	12	156546735	PREDICTED: nicalin-1-like [Nasor			1.26E-32	33.4688	37.29216	38.51205	20.91851	20.66527	18.02378	17.28788	20.49843	16.32398	53.53717	17.10366	20.03269	44.18092	27.98453	48.77487	40.32964	29.89602	53.66051	27.24405	35.04644	23.34012	20.88553	12.46634	21.33315	28.72317	31.60721	38.5634
CUST_4141_PI429010886	N16100	3.80855E-05	21	18	402691421	serine protease like protein [Gra	Protein metabolism	Proteolysis	0.000000339	81.53976	53.83595	8.192393	NA	NA	3.927335	61.96517	31.10668	NA	48.47319	49.81991	30.19535	182.1021	3.569686	117.5411	123.1603	116.8754	NA	337.294	381.7573	636.1587	218.5351	NA	135.6294	8.755998	5.888762	NA
CUST_41692_PI429010886	M58324	3.85868E-05	24	3						57.36369	59.51724	44.35453	54.4761	102.2878	62.1017	32.43254	41.6878	13.67194	19.83817	32.92749	20.12179	24.485	18.47	17.39468	4.739737	20.78179	12.96776	26.75452	29.84354	5.271402	52.85457	13.93323	7.332239	29.91504	38.35367	14.36734
CUST_6536_PI429010886	N20230	3.85868E-05	24	21						570.427	699.296	588.6767	587.0902	556.2705	492.0502	503.6798	565.0242	703.6419	553.1321	567.871	491.6864	651.9522	495.7052	573.4698	577.8423	674.2308	623.7953	661.6594	622.9027	660.4277	723.6856	767.0668	678.9908	718.4732	605.9768	886.9505
CUST_32469_PI429010886	M4197	3.97096E-05	21	15						11.4038	13.35744	15.0661	9.257058	14.0289	7.137762	8.501072	12.24624	8.622045	10.0277	17.425	20.04202	15.34065	137.4674	18.83943	16.56168	30.46326	26.01873	24.43918	26.59448	14.9705	8.64742	20.34912	15.7815	13.39577	8.607441	9.960257
CUST_46741_PI429010886	M73569	4.00064E-05	15	12						897.3252	1219.83	1212.445	544.8319	482.0377	524.8326	620.9302	925.0688	583.3052	951.5195	1032.593	876.9516	1157.507	963.73	1017.256	815.4763	1110.326	1034.116	737.2275	650.2714	521.5155	925.0688	496.9611	657.3507	810.6462	1083.233	1088.703
CUST_38476_PI429010886	M27167	4.01179E-05	18	15	302668071	Trichophyton verrucosum HKI 0!	Protein metabolism	Ribosome biogenesis	3.5E-59	116.6401	110.1161	136.0891	105.2701	119.0143	104.0674	126.3851	132.1609	116.4978	121.9035	121.6309	155.5805	116.7583	166.7642	126.2717	146.3562	134.5716	179.2719	103.1229	110.5024	122.8211	105.5064	113.3335	94.15594	108.5581	112.3711	115.6261
CUST_14711_PI429010886	N33335	4.15462E-05	24	3						129.29	158.1747	81.47133	158.3229	199.5583	162.3844	86.60823	129.1403	142.2741	85.60411	142.6928	106.4149	32.95195	80.05281	44.83298	42.78489	109.1677	38.54735	66.32665	95.74045	63.28914	41.7466	91.03605	65.91522	59.41357	135.2901	154.4269
CUST_20019_PI429010886	N42658	4.16676E-05	15	9						13.35017	34.06922	13.64514	39.22978	49.69173	23.9201	26.78523	31.5845	34.33958	50.29015	141.0115	167.261	63.53279	72.83732	79.45422	38.34449	38.17039	19.10119	41.87629	31.07275	39.48899	40.16574	51.86945	65.54992	65.26399	69.24371	91.69645
CUST_542_PI429010886	N5908	4.2195E-05	15	9						4242.57	1444.129	4900.819	11052.65	5258.496	1719.004	4445.119	6165.981	10949.85	11805.59	20320.15	8098.961	16348.66	5119.273	7459.987	284.8134	157.4566	280.6399	13017.21	7704.294	16348.66	17424.76	34173.92	39213.8	16520.01	16760.98	32639.19
CUST_543_PI429010886	N5909	4.27225E-05	15	9						963.404	263.8276	1067.28	2656.978	1032.084	530.0108	600.976	1604.089	2517.49	2613.493	7353.952	1720.155	3654.032	1107.545	1640.994	32.66921	20.83811	37.86955	2975.418	1466.746	3024.414	4275.766	9096.626	7653.847	3936.583	4270.698	9629.338
CUST_2996_PI429010886	N13567	4.30693E-05	18	0	329565704	ribosomal protein L24 [Azumape	Protein metabolism	Ribosome biogenesis	4.27E-40	193.5706	314.1063	294.9139	194.1916	182.1021	191.741	186.5755	191.0167	236.2759	118.6368	127.048	158.6925	216.7269	167.4488	185.1715	241.668	245.2392	276.7645	275.1575	228.7481	279.3607	220.1523	260.1465	213.1128	257.241	229.0326	159.5774
CUST_42473_PI429010886	M60363	4.39206E-05	12	3						353.3256	443.191	243.453	448.2125	603.766	587.8441	489.7282	469.0501	486.5784	415.4114	446.6878	147.7749	334.5246	337.6329	368.4918	678.5721	491.9043	621.285	399.6202	344.1561	408.9306	372.2167	411.4386	289.9679	314.7154	403.3152	218.3332
CUST_16667_PI429010886	N36656	4.40969E-05	12	0						14.85493	12.3024	16.58358	12.94982	6.904947	11.64898	5.811668	3.864296	4.968715	16.81278	7.789818	11.88179	14.47219	NA	13.52663	12.16427	9.939018	5.498349	9.602206	5.142937	6.948808	8.375216	12.55746	8.91225	14.71575	7.607506	15.9512
CUST_5068_PI429010886	N18219	4.55068E-05	18	15	321473948	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process		512.3561	785.8536	463.4514	543.9588	357.9365	467.9385	771.7617	602.5729	597.1413	668.7382	504.4324	676.3457	725.3859	478.8721	575.8046	886.7077	868.2894	789.6051	674.5328	569.0422	865.141	409.6823	455.4195	483.9464	672.5292	514.4981	571.8635
CUST_2239_PI429010886	N11943	4.59681E-05	24	6	13898841	CUB-serine protease [Panulirus a	Protein metabolism	Proteolysis	5.71E-45	668.1223	555.0536	443.9249	1475.969	688.4549	1155.365	1792.472	1457.293	1485.843	548.1274	1594.801	1708.051	677.0488	699.596	548.75	903.1163	540.0952	733.9767	860.5197	71.46735	841.994	175.7096	456.5305	112.7999	684.4289	560.1392	1054.885
CUST_14169_PI429010886	N32428	4.7187E-05	21	0						25.9479	26.6898	36.55792	15.22541	8.468746	21.68449	12.49326	9.101709	9.267762	9.217287	8.052062	3.68689	7.31445	16.49157	18.56513	7.776877	7.553305	13.3386	14.55272	13.0678	7.939364	18.06541	26.85809	18.99331	21.70341	18.00324	8.667029
CUST_40729_PI429010886	M55953	4.73005E-05	24	21	383865502	PREDICTED: SET and MYND dom			1.27E-08	25.46423	19.26727	28.95548	29.37054	24.85202	32.50381	13.36765	20.96508	17.34867	23.65067	16.06042	24.06897	29.1296	17.7667	27.04259	25.7544	21.22392	27.49657	43.6037	29.83769	36.12473	49.1413	27.73284	42.0926	32.51568	23.12555	36.28088
CUST_12904_PI429010886	N30241	4.82688E-05	24	18	1.56E+09	Crustacean hyperglycemic horm	Signal transduction	Other	3.00E-06	312.9583	359.5095	264.2762	405.4699	407.1156	349.9633	355.1717	390.6122	319.8754	286.2998	232.6083	302.7771	333.8469	335.3952	305.1744	528.895	527.1701	606.7201	513.5436	622.3504	576.7675	398.7982	461.6561	443.191	381.849	543.9588	400.146
CUST_41671_PI429010886	M58281	4.87876E-05	12	3	157106769	ankyrin 2,3/unc44 [Aedes aegyp			5.98E-29	171.7821	466.3373	26.50208	896.2629	NA	751.8458	567.3781	463.096	241.4097	267.7311	223.0141	26.9108	366.7915	441.3596	294.796	1242.744	545.1995	1019.08	874.1945	66.25687	736.5204	25.55323	418.1662	20.75137	646.3558	743.9121	124.0832
CUST_6545_PI429010886	N20244	4.90995E-05	18	15			Protein metabolism	Protein folding		78.10699	100.1016	54.8814	41.98856	52.24236	56.01896	99.3998	107.2961	41.77121	103.4975	116.1822	59.85927	78.29555	30.59991	64.38614	121.0707	200.1232	116.2357	70.84605	61.56482	63.89423	29.91879	43.8296	7.124762	57.6297	78.24597	88.50381
CUST_33058_PI429010886	M5855	5.02607E-05	24	18						13.42167	13.59114	14.46435	8.447449	11.55732	12.52949	7.141342	6.041845	9.411311	12.15592	10.0998	11.79315	9.825217	13.50493	6.370812	10.33423	14.23509	13.74225	15.30076	17.74047	19.16283	12.77646	9.154669	17.56701	11.36638	18.94041	16.11449
CUST_38422_PI429010886	M26420	5.02643E-05	12	6	260796361	hypothetical protein BRAFLDRAI	Metabolic process	Cellular amino acid metabolic process	3.14E-50	10.91561	32.97743	36.90923	51.80267	40.16574	30.28156	121.0405	107.8221	127.6534	48.23305	76.6076	43.08271	29.33753	32.04295	26.38647	30.16583	44.53859	37.64453	48.23892	110.0556	170.1187	37.23401	56.98746	87.47672	7.430249	58.84073	58.79928
CUST_40824_PI429010886	M56179	5.02643E-05	12	0	321472460	hypothetical protein DAPPUDRA	Signal transduction	Other	1.85E-59	149.9295	70.69299	120.4309	105.5565	158.3229	105.8028	61.04906	55.93542	48.95729	106.6811	106.1766	109.6887	125.7971	128.7652	196.6122	90.37428	91.13599	83.14687	81.32217	61.5382	61.33441	108.3596	95.83012	88.96871	104.0183	103.2209	121.1493
CUST_13573_PI429010886	N31402	5.02643E-05	12	0						322.5903	305.1744	367.4169	372.2167	289.7381	339.6934	185.2774	239.4431	182.4362	247.5439	302.7771	319.8028	304.282	333.9851	523.8156	289.1171	247.4668	260.4457	245.8278	253.4735	222.8209	262.1593	221.7872	292.95	275.3403	267.3212	360.2879
CUST_33457_PI429010886	M6940	5.02985E-05	15	12						38.32178	59.3203	124.0147	17.03783	8.740614	16.24051	73.58526	NA	76.07226	NA	556.2705	26.23786	323.0408	166.7131	145.5507	29.73756	463.9651	128.6276	52.32559	61.16253	3.875353	NA	24.11397	NA	78.5366	158.8243	120.9342
CUST_19676_PI429010886	N41996	5.03374E-05	24	18						92.00118	108.7869	90.57569	54.06732	63.63996	68.83252	69.41702	88.50381	94.64399	88.01649	53.37075	47.1467	71.87251	70.23956	78.43693	98.14527	67.85905	96.58233	97.65071	116.5916	118.1075	97.2956	102.0887	130.586	97.40632	91.8129	109.0704
CUST_29745_PI429010886	N60463	5.03576E-05	21	0						90.93696	84.61891	84.85915	82.74445	77.73937	66.60304	69.33519	57.10009	48.81917	83.23692	43.39176	69.42506	66.17125	51.87516	59.38892	59.04201	55.47226	74.06253	64.89736	85.0591	58.41936	96.9842	77.89321	87.57759	82.32889	71.64925	73.59425
CUST_7426_PI429010886	N21529	5.06315E-05	24	21	478251559	hypothetical protein YQE_11312	Signal transduction	Other	7.67E-13	680.8236	1052.857	745.5832	472.6199	575.2243	392.1412	347.8293	376.9694	391.9617	608.1132	631.2553	725.3859	690.9865	486.4482	537.1828	707.937	837.2458	702.7679	868.9348	569.3405	540.7576	1187.041	700.1848	1202.203	1161.622	734.9802	952.9844
CUST_15639_PI429010886	N34903	5.06315E-05	24	3						25.72369	29.49099	18.84141	35.67884	31.9432	31.27544	14.69878	26.05591	27.2791	17.18732	26.23786	23.22906	21.06356	18.37247	22.55486	16.57137	21.35401	17.24881	10.07839	16.55114	18.02767	24.15844	22.97455	22.19826	20.02577	22.75502	18.84481

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_9527_PI429010886	N24782	5.08487E-05	12	0						56.67374	30.40674	53.77161	43.04131	56.31298	46.59528	35.15355	27.84822	35.55837	44.03643	62.45522	49.73252	48.6073	66.93125	63.14073	41.6878	39.09234	43.73952	23.26849	37.28248	37.65275	43.70979	45.74256	45.90992	47.88919	44.67899	61.16761
CUST_1672_PI429010886	N10407	5.09419E-05	18	3						50.02722	27.22363	10.93877	100.4774	48.31614	37.68818	23.94163	32.88066	8.546932	29.6976	27.73485	4.87786	17.06953	5.211705	10.47591	23.67748	22.71469	NA	13.53805	14.74939	52.67704	57.65509	65.78378	57.18227	38.35932	56.26482	62.14833
CUST_29232_PI429010886	N59440	5.17926E-05	24	18						34.89809	32.05226	37.88664	16.9284	13.70291	18.61955	23.30722	7.885832	7.176989	103.4755	55.73019	132.8754	72.02191	105.6867	99.98511	82.30731	66.27962	35.59474	116.9098	125.2728	109.9526	150.0105	72.77442	117.5547	25.55884	14.74793	23.96712
CUST_31264_PI429010886	M1104	5.19639E-05	24	21						210.7737	269.707	280.9343	191.21	246.7787	203.1325	89.54662	193.0588	147.2411	251.4577	198.1577	223.9415	340.0191	222.0531	365.5842	246.8231	334.0615	227.7173	296.8179	297.1434	250.3956	412.9087	332.8061	305.3135	499.3569	288.5968	394.269
CUST_16432_PI429010886	N36226	5.19639E-05	24	3						275.9079	172.1631	276.2644	276.55	486.7832	358.0959	157.0815	259.1614	176.6544	226.1685	303.4454	203.2877	233.4998	168.6428	205.6562	155.9036	161.0498	134.703	121.8844	185.5286	99.2507	193.9616	196.8082	151.8271	178.3394	231.4277	156.8401
CUST_26801_PI429010886	N54904	5.20052E-05	24	9						9.516754	9.815468	5.758808	12.51386	21.82274	11.09473	21.95424	NA	6.88406	12.62841	14.57201	15.71	17.68949	9.795733	15.62171	11.96077	7.910866	8.491715	4.120124	7.009565	5.685492	6.533775	NA	4.26269	5.044156	6.076625	9.029102
CUST_39504_PI429010886	M40586	5.30099E-05	12	9						3098.696	268.4249	2436.323	3721.413	943.8069	1375.747	670.9198	341.965	736.9876	9565.255	16520.01	5736.233	9330.025	1732.526	4130.841	45.52672	167.0808	144.6342	1663.655	878.4972	1656.675	11738.35	15230	13360.37	3847.793	11378.62	15630.09
CUST_14715_PI429010886	N33340	5.32309E-05	18	15						244.537	120.4106	276.8158	168.685	109.6769	161.586	94.31617	105.8805	102.7355	147.8425	101.1701	112.683	122.2649	91.15714	148.4289	184.1934	213.4477	151.6954	136.314	148.4065	167.6224	147.1665	165.6517	178.9851	77.69968	78.26455	68.06818
CUST_36411_PI429010886	M15834	5.37852E-05	24	6						344.5549	427.5284	556.047	736.9876	537.7378	699.9941	769.0192	600.0613	878.4972	334.2355	509.999	420.5189	569.7522	774.2411	502.2054	66.28735	74.33815	115.286	288.5968	532.6369	203.6502	246.5228	150.9476	176.4771	236.1021	532.2614	67.96481
CUST_30774_PI429010886	N62641	5.40353E-05	15	12						14.55841	4.217288	14.86033	4.800498	3.558382	4.350674	9.504797	6.540338	5.659483	23.42712	12.31117	8.944558	13.80852	18.79764	10.23726	16.09693	12.23558	11.83721	8.382186	7.941808	4.480857	9.375499	6.870771	7.69611	16.13712	10.33813	13.0692
CUST_38986_PI429010886	M33013	5.42626E-05	24	12						5.958994	34.59782	18.92052	31.25004	52.5945	34.72664	30.88603	52.44267	52.10827	28.88967	36.00369	28.16926	35.0318	55.96387	68.31562	26.14998	23.51188	22.45487	17.83592	33.69474	17.07298	5.776661	6.698312	19.52695	26.50821	20.64485	16.87762
CUST_31076_PI429010886	M641	5.42626E-05	24	18						194.2319	351.343	251.5671	166.6906	133.3669	177.9352	135.864	133.7339	44.53859	110.0862	261.7871	163.2608	183.2542	364.8648	248.9012	143.5809	379.4005	269.9329	195.7919	544.6702	405.9933	175.6627	431.5244	648.9592	177.9352	270.2277	258.5627
CUST_38378_PI429010886	M26020	5.43188E-05	12	9						30577.23	9301.136	34877.59	53496.25	20172.23	21834.29	18070.71	23435.22	32639.19	56054.28	100092.3	46875.63	50283.97	22946.38	49649.01	2484.399	827.5626	2636.073	41095.52	30065.36	48051.75	64995.27	92404.68	99004.2	48847.04	62215.85	96349.38
CUST_34331_PI429010886	M9345	5.46287E-05	24	21	321468460	hypothetical protein DAPPUDRA	Protein metabolism	Cellular protein modification process	8E-83	120.4647	80.83391	131.2558	108.4356	70.68343	76.17615	77.51144	75.38714	107.4112	98.27861	70.85676	85.37067	101.7015	123.4933	111.6675	128.3075	89.85516	116.5601	167.4144	90.57569	135.6294	254.8129	139.4798	177.9607	202.9634	84.28713	182.7293
CUST_36537_PI429010886	M16168	5.46636E-05	24	21	378558198	chitinase-like protein, partial [Pa	Metabolic process	Carbohydrate metabolic process	2.62E-35	365.7666	364.2801	459.9674	414.8181	435.731	417.1463	347.2002	330.2787	359.0835	336.9544	316.7134	91.4929	407.5243	388.031	389.9629	374.2544	438.2874	433.0002	363.7634	389.8933	414.226	434.2782	442.9918	475.9252	379.2367	379.8743	421.977
CUST_1233_PI429010886	N8945	5.47857E-05	15	3						152.4523	120.6137	168.4308	194.3971	250.35	157.1328	163.8342	164.8179	187.0484	133.3192	83.43947	114.6554	113.5376	61.39194	116.8167	150.113	174.5369	103.0089	224.6812	211.8745	268.9316	174.6338	120.5552	94.94344	201.0489	141.898	171.8649
CUST_56241_PI429010886	M113241	5.54033E-05	24	12						69.24371	151.6381	79.87529	583.5463	242.2901	328.8423	544.2292	368.7015	604.3308	57.63804	1102.848	167.9403	837.7142	837.7142	343.6496	558.6463	328.1119	568.8248	80.23561	160.5879	142.6928	68.17964	151.7315	159.7718	51.99386	76.89496	83.04063
CUST_26995_PI429010886	N55249	5.54228E-05	24	18						180.3409	70.89193	227.0055	69.60581	20.17341	70.27366	16.31227	53.14759	59.41831	66.40286	106.5773	76.79264	127.7162	12.69014	163.0633	71.64167	33.2543	77.08119	466.2067	304.875	307.9833	281.8768	142.8045	134.7853	278.0706	79.38788	372.1298
CUST_38616_PI429010886	M28570	5.62821E-05	12	9						8591.806	2254.423	9345.369	12743.08	3401.586	6385.128	9872.039	8051.463	14922.71	15394.16	21758.66	11356.17	19903.59	5992.677	10683.23	493.1272	873.9122	1165.385	15367.74	13812.43	17023.68	17453.24	26740.38	23658.24	9067.463	18198.77	25555.67
CUST_37977_PI429010886	M22559	5.62867E-05	15	3						266.1986	238.4834	428.2506	835.3759	545.4629	559.1602	318.8359	425.365	420.9575	306.565	225.3861	172.4022	159.2709	311.3849	78.96469	193.1329	534.1168	420.9575	364.8648	910.719	777.0993	907.8057	473.4786	183.1939	534.593	41.72651	340.7848
CUST_37490_PI429010886	M19215	5.69366E-05	12	9						25792.96	4279.69	26491.1	37427.64	13391.14	17982.7	14794.99	18198.77	27832.29	45257.85	46193.24	33304.41	56054.28	19635.13	33749.71	1906.005	1676.387	2744.675	35862.04	26740.38	33838.77	53773.55	66134.01	71692.31	30577.23	43280.43	60302.68
CUST_36771_PI429010886	M16813	5.69413E-05	24	6						59.50711	67.10463	66.66302	77.78826	61.70924	72.9865	84.92778	99.94989	134.2321	58.08057	97.26952	54.23194	68.94498	114.3521	71.94693	61.3302	90.89393	77.98875	48.62526	54.61715	49.69782	52.60565	65.43257	58.5677	58.23269	55.12067	54.68833
CUST_1961_PI429010886	N11172	5.73488E-05	24	0						3495.947	2782.49	2767.762	1876.444	1594.029	1297.493	759.5695	1453.134	978.4034	1861.323	889.3882	1179.476	2306.791	699.1348	1879.179	1420.017	1191.902	529.2519	2940.045	1371.826	2122.683	4190.519	4058.337	2881.653	5578.907	2985.873	4628.184
CUST_56122_PI429010886	M112848	5.77005E-05	24	15						237.7241	127.5646	110.7598	38.84447	37.3089	32.24502	429.4693	241.887	334.2355	386.6278	235.6105	60.93815	233.0946	301.5476	140.9588	1067.709	504.3232	698.508	302.7771	345.514	539.0498	330.9231	12.17947	207.7685	259.1236	92.31393	128.3485
CUST_13231_PI429010886	N30821	5.81322E-05	15	9						145.6946	136.5009	151.6078	56.57986	77.42501	57.54767	62.77844	181.4338	142.5195	123.3723	209.8556	151.2383	101.0612	109.8522	145.7916	87.00868	107.6017	78.67787	82.0771	89.24382	68.28737	70.74232	109.2995	58.78776	205.143	139.7386	223.5617
CUST_37159_PI429010886	M18036	5.84597E-05	24	15						96.86942	118.8436	98.85767	106.6009	97.51431	79.03209	145.0599	158.4947	176.2281	143.9807	99.19887	106.9035	152.9408	132.0536	128.2119	264.4099	183.8614	211.4099	181.5127	192.9931	228.6197	139.9842	116.3209	159.645	164.2345	109.6887	170.4605
CUST_32775_PI429010886	M5085	5.84597E-05	24	15						88.54675	111.3836	100.875	68.31562	15.59925	76.51051	154.8085	128.8295	91.75455	62.61945	79.86465	58.78776	153.9484	164.2345	89.91214	180.4189	163.2608	138.7489	141.7174	136.0065	161.7701	122.8685	209.031	158.9628	115.5725	97.64083	130.7332
CUST_33959_PI429010886	M8365	5.88625E-05	15	9						11323.45	4097.003	12789.24	21590.74	5550.987	11528.01	13559.72	12288.42	20913.02	24199.32	26567.15	19387.17	28943.19	7785.133	12860.58	941.7984	1519.636	1918.312	16411.2	20059.08	19195.08	21113.92	28492.44	23084.2	13906.34	24199.32	28025.82
CUST_2955_PI429010886	N13469	5.88971E-05	15	0	541041787	vps33b-interacting protein [Asca			3.65E-26	14.91599	22.1135	20.08349	6.936046	15.865	12.05888	11.47889	10.80517	8.557191	14.15013	15.5828	14.1279	12.76017	14.5311	11.24696	17.83143	21.9474	20.02577	11.76947	16.72797	13.94283	11.50267	8.774182	13.48307	11.48896	4.93131	15.03094
CUST_54572_PI429010886	M106601	5.892E-05	24	0						36.1598	54.02066	53.43823	42.5482	41.25004	36.03727	41.03485	39.2713	34.25309	33.4664	41.28574	26.09025	36.1598	47.4031	29.14227	41.60531	34.50418	41.66058	40.36492	45.97159	48.7205	51.1596	53.99104	52.98141	45.27834	55.34491	57.99775
CUST_37617_PI429010886	M19874	5.892E-05	24	0						37.35922	24.24527	23.62689	13.79706	20.4011	14.62025	14.93559	12.72961	15.54337	17.927	19.64434	15.91453	15.98731	19.0017	7.1028	12.59237	8.630404	12.94826	4.183073	16.21895	7.806436	16.5534	18.08089	18.71505	24.92985	20.49356	32.34672
CUST_14879_PI429010886	N33619	5.89411E-05	21	0						30.32287	61.21971	44.23244	16.27834	16.81161	7.963679	NA	NA	6.882653	NA	8.901364	4.47227	22.47011	9.51357	21.99164	5.907624	45.74936	19.64262	23.57211	23.21635	26.6898	23.25373	22.36702	29.96804	22.81449	15.5722	21.66982
CUST_31503_PI429010886	M1680	5.9348E-05	24	18	226693233	arginine kinase 2 [Neocaridina d	Metabolic process	Cellular amino acid metabolic process	3.43E-33	98.13418	113.7707	123.0345	98.53709	111.8609	110.6039	102.5048	103.7748	111.9225	92.78173	86.42647	101.3884	109.5487	100.8962	74.93498	115.6711	121.9822	166.7131	153.2351	118.2766	135.7196	109.6769	150.2055	114.8511	110.9564	106.6278	114.6993
CUST_16726_PI429010886	N36759	5.95544E-05	12	9						24.51492	29.14227	30.96531	20.72897	15.46584	12.60041	24.12109	26.21615	19.58546	42.64535	26.13567	33.28409	75.80655	18.29235	19.46418	7.869717	24.9948	15.12028	21.88142	18.33289	26.45917	44.50237	35.71025	59.3504	23.28393	12.54489	28.57519
CUST_36227_PI429010886	M15086	5.96372E-05	24	9	195448274	GK25063 [Drosophila willistoni]	Protein metabolism	Proteolysis	6.98E-72	4.755095	7.445689	NA	10.98328	37.04769	22.88115	12.76732	NA	NA	28.44439	16.04875	50.99975	14.14657	25.80525	40.93762	10.41528	11.76845	NA	4.135548	10.27106	NA	NA	6.466135	6.688662	5.501586	NA	5.856234
CUST_4405_PI429010886	N16691	5.97056E-05	24	0						179.9541	134.2508	99.35613	20.18416	85.73084	53.41659	132.7723	78.33954	89.07659	48.49422	76.27282	33.26038	89.01154	86.89375	134.1618	96.03692	94.18113	81.84916	102.1002	114.9362	91.6033	93.31746	101.3206	95.56729	229.7888	105.1903	149.2547
CUST_13367_PI429010886	N31065	5.97787E-05	18	15	321478280	hypothetical protein DAPPUDRA	Transport	Ion transport	1.5E-24	44.23722	46.47246	72.88356	46.45178	41.31439	62.68299	27.04259	48.74993	33.67688	34.10624	33.13955	44.13896	45.04591	53.06387	47.57931	62.65711	91.11591	74.29925	36.8949	71.47305	52.16251	46.33211	64.94456	67.25975	26.89377	33.53619	21.40258
CUST_15990_PI429010886	N35468	5.99781E-05	24	21						66.19633	94.26006	87.11871	88.30662	79.66914	80.57219	46.45178	56.28495	83.27222	64.7701	55.90731	47.72449	90.28649	73.95531	66.74815	86.19309	89.96257	94.67757	85.19452	74.00845	65.15776	103.5796	90.76223	99.16406	102.5834	97.71482	92.83981
CUST_30765_PI429010886	N62607	6.0645E-05	18	3						510.7551	258.2813	338.8265	386.3361	320.6536	366.157	381.6653	329.3762	353.5795	338.993	290.7989	353.9275	313.739	219.0011	318.9156	199.982	193.5997	185.8172	342.1248	699.1348	297.492	519.7601	427.1681	445.9579	297.8139	431.7294	334.4355
CUST_16497_PI429010886	N36336	6.11918E-05	15	9						132.8564	153.9248	143.0166	131.9615	142.0823	122.6677	107.567	128.7652	147.1038	145.0834	154.6439	166.158	154.9422	128.2527	151.3747	128.2244	136.0599	146.0289	110.822	122.5288	130.9714	137.2967	141.0554	134.8769	150.4308	160.5413	190.3204
CUST_7091_PI429010886	N21026	6.15114E-05	18	15	513139111	C1q-binding protein [Litopenaeu			6.05E-91	77.19972	144.5615	110.7454	88.05908	67.45544	72.97666	86.50032	100.6757	81.39312	105.6512	90.13423	89.85516	95.02561	98.70542	89.47762	132.0886	123.0596	130.6615	104.9676	112.1712	118.1871	76.94539	96.97291	76.47464	99.88608	86.15946	98.79304
CUST_10571_PI429010886	N26445	6.16421E-05	21	18	443727166	hypothetical protein CAPTEDRAI			3.37E-21	100.0827	149.1062	172.187	76.06374	49.23962	61.2068	76.86672	112.1403	128.7173	27.9424	22.67723	35.81401	141.2799	39.4752	185.6848	42.1572	38.93757	66.1068	227.9064	159.5774	172.5896	165.3421	119.971	130.3816	71.30275	110.2867	66.31026
CUST_55495_PI429010886	M110357	6.18237E-05	12	9						10.70051	13.93951	24.08979	22.18214	24.03468	22.08061	32.55402	19.91267	22.97677	34.0139	37.50453	27.27378	19.79906	17.59422	16.2053	20.42799	27.87333	30.08709	22.23218	23.65648	19.80965	29.05862	104.437	31.2986	14.30676	20.26341	20.50908
CUST_35735_PI429010886	M13347	6.19567E-05	15	6						274.3383	174.7074	391.1173	322.8914	992.6472	437.7611	443.191	627.1961	981.9828	409.117	957.0763	544.0973	579.8505	479.8831	264.9858	41.94644	130.752	53.43212	1570.104	597.7182	856.2286	1016.824	934.3693	692.3061	493.1272	877.3403	687.9587
CUST_33217_PI429010886	M6313	6.20645E-05	12	0	321471664	hypothetical protein DAPPUDRA			9.52E-26	84.4188	87.66036	111.9766	78.70208	61.64797	69.33519	39.29429	45.42698	61.11356	70.37823	55.8366	37.22647	100.6934	64.18044	95.79812	69.17285	72.30147	69.17285	63.39626	65.04883	61.47323	97.41787	72.05007	99.89645	85.06849	73.1662	102.3977
CUST_38100_PI429010886	M23341	6.22558E-05	24	3	83628250	arthrodial cuticle protein AMP1			1.89E-16	1631.254	245.4565	1199.116	3670.22	3499.526	4913.686	175.6627	537.0249	170.3606	1159.214	2213.256	2422.76	730.3491	1801.332	2210.04	63.01997	67.22535	67.03577	90.46312	632.1075	93.08615	1021.074	329.7179	736.5204	139.8319	1333.943	229.8852
CUST_20422_PI429010886	N43410	6.23613E-05	18	9						46.31434	74.89382	64.80829	55.26895	66.75504	50.46482	74.78378	78.783	84.47977	83.44953	93.75176	93.12448	69.87542	77.91051	91.33505	65.122	80.09649	73.92515	45.77544	70.37823	74.84749	47.6242	53.49898	68.27308	59.55202	52.96326	56.60172
CUST_11077_PI429010886	N27230	6.28949E-05	12	3						29.4515	35.00336	NA	38.87196	NA	48.65633	42.16901	30.8769	29.38152	23.64554	9.981463	10.96209	14.3798	20.61709	18.17826	83.31874	38.38502	45.29856	44.97359	13.11189	38.06969	NA	17.38353	8.865478	16.0845	18.36834	3.331481
CUST_50275_PI429010886	M89277	6.29959E-05	21	18						36.72861	67.85905	27.45352	31.30932	29.21491	35.99005	26.40704	18.86307	24.99752	73.24134	13.85771	84.37355	118.8608	125.4991	93.20756	35.5206	146.1694	125.4627	197.2974	154.8735	141.8013	45.11511	170.5061	18.37064	28.4735	23.13824	18.7418
CUST_41442_PI429010886	M57743	6.32441E-05	18	15						17.33156	31.32237	19.66736	16.52701	13.9779	16.57521	15.01966	28.14643	19.21337	24.368	14.24384	23.11231	20.6613	36.23287	25.82769	65.45785	60.35053	39.31755	27.37466	14.56346	11.91707	8.554104	9.861577	14.74939	33.39115	32.29221	11.77077
CUST_16171_PI429010886	N35788	6.36998E-05	18	6	443703721	hypothetical protein CAPTEDRAI	Cellular component org	Cytoskeleton organization	5.79E-23	4.341365	12.87353	13.3556	17.72282	18.65957	8.374367	24.08979	21.03035	19.38793	34.54667	15.39651	21.09303	23.24382	16.40332	18.15454	21.35681	12.48451	16.97648	15.78875	7.74189	13.59114	19.1752	13.72176	17.77361	26.05349	16.62059	24.57559
CUST_38134_PI429010886	M23574	6.37742E-05	24	3						194.8463	24.55645	209.1753	423.1563	847.4628	777.6219	17.55977	50.87686	22.5581	26.64465	243.8613	230.649	17.17797	716.3366	758.9827	16.44032	11.19099	6.925201	26.97175	41.6878	19.70331	33.42156	24.23412	37.35922	33.2543	49.95516	61.6196
CUST_54499_PI429010886	M106257	6.45821E-05	24	15						71.54027	45.98151	20.64485	18.52564	8.310351	9.228702	51.77472	94.12797	43.40869	49.66595	39.30254	NA	86.6454	47.86566	40.61754	191.082	134.3961	144.9581	34.70595	95.78807	53.94311	78.81902	9.905888	53.61862	73.22433	26.20838	30.41385
CUST_55614_PI429010886	M110974	6.58432E-05	18	9						28.19237	10.23726	34.36788	14.11031	17.84997	12.88584	25.29001	18.40907	28.72317	40.59839	37.03848	25.52907	23.23737	25.43012	22.18413	28.65291	22.45935	39.2895	22.17612	21.33315	23.95909	12.70744	12.8639	15.53957	31.88585	33.7495	37.44318
CUST_39236_PI429010886	M36544	6.67095E-05	18	3	149675211	cuticle proprotein proCP5.2 [Cal			2.66E-55	34173.92	919.3983	20913.02	40915.77	34620.42	44511.54	2844.645	5151.779	6292.839	32454.44	37632.98	17388.9	28858.93	18235.97	4829.887	760.24	829.47	731.069	7821.557	6326.89	10311.23	35862.04	33076.81	39389.41	8683.686	19052.86	16690.76
CUST_45270_PI429010886	M68531	6.84422E-05	18	15	460838092	strongly chitin-binding protein-1			1.81E-08	29037.53	40024.21	21113.92	19791.01	10852.86	13222.77	23016.75	21710.8	18579.76	27758.19	19855.57	21177.49	22279.42	19010.63	18198.77	41095.52	37083.68	37083.68	24426.06	24426.06	19960.25	16726.21	18476.28	14670.24	28658.52	18476.28	19387.17
CUST_42693_PI429010886	M60989	6.93346E-05	24	12						134.2073	80.06182	101.3081	75.86824	79.66104	54.91706	116.3818	105.0258	99.74451	98.80176	95.55779	122.709	156.9414	137.8428	185.653	188.7199	117.2793	138.3467	161.2869	97.48939	140.1401	131.6242	69.21158	138.0928	90.32894	74.24613	136.7679
CUST_1645_PI429010886	N10327	6.95059E-05	21	15						63.63996	30.36663	36.62239	44.15404	13.98312	31.10352	104.9484	132.4508	115.5725	136.0065	26.90354	70.94231	164.1132	183.166	35.39516	356.4497	92.2128	252.3498	91.00224	95.30674	130.8147	62.77181	10.06209	50.26083	56.80856	29.79615	24.49039
CUST_5481_PI429010886	N18760	7.10413E-05	18	15	325170046	protein disulfide isomerase A6 [I	Metabolic process	Oxidation-reduction process	1.21E-160	593.5138	1133.812	739.9176	585.1407	393.0106	477.058	1235.811	905.7144	973.9492	1079.142	790.4703	707.3888	1104.992	605.6304	653.8973	1223.105	1307.316	1267.497	854.7576	645.4936	970.7242	612.7708	477.5471	697.2436	801.5781	642.342	639.5264
CUST_30543_PI429010886	N62093	7.14152E-05	12	3	442630141	masquerade, isoform C [Drosop	Protein metabolism	Proteolysis	6.41E-14	30.20183	30.34519	NA	44.87342	NA	45.37684	57.36964	33.70156	38.88446	18.90266	18.79971	NA	30.22132	49.91114	30.23399	114.6554	46.21776	65.71042	65.15059	7.036384	45.36304	NA	17.29971	3.300133	36.19278	24.68878	NA
CUST_41909_PI429010886	M58856	7.14366E-05	21	15						977.5298	2080.932	705.624	731.2874	157.1785	445.8569	2858.309	1367.344	1363.035	3728.752	1371.826	1064.673	2715.678	2164.77	828.1272	1073.581	3786.16	2285.617	2383.479	1467.602	1778.328	496.2739	2258.648	570.0085	93.38599	251.1902	18.36667
CUST_18662_PI429010886	N40188	7.19949E-05	21	9						27.77009	27.39004	23.81554	33.63623	18.80558	43.79783	41.28987	44.53304	44.58117	54.28814	34.48395	54.98064	47.06434	10.98328	34.92495	11.96493	10.01935	15.94333	25.53483	16.65157	29.30404	21.79222	19.9833	26.22964	32.55747	16.49157	26.48347
CUST_29775_PI429010886	N60524	7.30139E-05	24	18	345494134	PREDICTED: chitotriosidase-1-lik	Metabolic process	Carbohydrate metabolic process	6.98E-08	64.47129	54.48188	82.95322	72.19272	14.88678	37.13496	42.9547	45.93201	49.014	105.8805	54.06274	76.3423	134.6275	92.13598	37.43476	180.7742	77.37879	148.9148	159.645	85.69239	172.2349	174.7345	150.4308	66.96376	78.18913	42.65681	108.9908
CUST_32635_PI429010886	M4643	7.4765E-05	24	15	212286110	centromere/kinetochore proteir	Protein metabolism	Macromolecular complex assembly	1.25E-75	16.65548	48.58376	34.99565	22.6315	35.55837	35.48221	22.74717	34.26775	31.77803	20.00439	46.10158	26.54115	52.15678	40.29385	38.65654	55.04149	65.84893	53.84528	42.24729	46.77922	42.38836	36.4809	55.01217	43.16345	31.80176	43.64769	36.16345
CUST_3245_PI429010886	N14095	7.50143E-05	24	21						5900.066	8146.369	6165.981	5238.942	3683.886	4266.005	3633.442	4825.163	4207.659	6401.205	4589.607	2937.545	6551.409	2749.137	5407.94	7621.268	8086.369	3627.136	11952.65	6265.89	8321.498	10394.61	10294.69	8631.841	13988.25	7632.364	11112.95
CUST_5506_PI429010886	N18791	7.50143E-05	24	21	321455420	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	7.37E-86	781.7261	757.3112	694.9037	738.2631	582.3778	478.0895	335.0262	428.1289	344.2242	617.0017	533.0556	512.7881	783.939	324.6065	656.3228	408.5695	745.3715	341.177	1095.073	628.2632	751.8458	1128.705	1008.499	829.47	1702.984	835.7807	1224.714
CUST_15356_PI429010886	N34450	7.50143E-05	24	21						23.70635	56.73963	56.65739	38.21258	49.56614	44.43314	22.89571	37.11143	48.43013	50.50174	36.91238	48.37004	36.45493	51.3632	47.81362	58.4567	46.15443	55.8366	66.38702	52.0048	51.92761	75.38714	60.93815	58.55963	58.59505	48.70868	77.21485
CUST_10474_PI429010886	N26292	7.50323E-05	12	3						34.90142	21.51658	24.22177	34.58559	38.27451	44.55279	36.5971	28.3794	29.6926	22.9911	19.43519	34.68278	30.35424	29.84142	41.89159	72.95425	40.75864	41.26235	33.24054	14.12155	34.54981	14.42653	23.58742	22.43161	27.06969	28.84319	22.74972
CUST_44760_PI429010886	M66902	7.54964E-05	18	15						492.0502	370.0497	241.5804	140.6785	109.4907	107.696	575.1095	534.1168	518.9718	477.9381	325.9381	118.7327	587.0902	371.4802	292.7159	1965.01	869.9307	1512.535	376.7778	668.297	1023.762	343.6496	71.3852	300.4795	474.3448	217.7355	264.4099
CUST_45120_PI429010886	M68052	7.58572E-05	21	15	241859217	purple acid phosphatase, putati			1.16E-31	18.03262	61.81635	27.96239	34.73799	27.61004	31.92535	50.86043	37.15987	42.88477	43.32608	36.1964	27.40129	125.4991	118.5947	103.0218	74.52512	277.7663	211.3422	144.9379	83.77516	83.6658	49.76639	23.22906	49.46595	26.36289	53.69851	23.96408
CUST_38502_PI429010886	M27437	7.59909E-05	15	3						4.414398	30.45492	14.75483	25.58795	25.89322	23.98666	9.284798	14.67376	14.83785	13.06456	5.804532	11.2795	10.72911	12.2785	12.12259	11.35899	34.14439	15.432	15.74607	38.95566	23.96712	20.90896	17.88948	13.57384	6.209536	13.51353	10.55248
CUST_5701_PI429010886	N19071	7.60145E-05	24	21						186.3368	191.5454	206.8979	109.1508	132.9821	119.4775	93.75176	109.8412	134.3589	133.7558	141.9148	174.1934	121.2857	117.2637	180.9657	155.7969	213.7796	148.956	143.9807	131.274	152.3742	226.3355	277.3623	294.9139	192.4063	160.766	224.0655
CUST_10072_PI429010886	N25649	7.61351E-05	21	15						168.7955	270.8525	275.2113	237.1374	251.7468	255.2927	388.566	322.0602	324.9732	323.2809	343.1775	278.8807	299.3538	362.1172	143.0339	404.7958	442.8695	535.748	279.3607	320.8974	422.7276	178.6979	204.2476	163.0857	264.3178	202.7406	314.254
CUST_41881_PI429010886	M58782	7.62395E-05	18	15						210.0683	249.3411	185.6261	204.2081	115.6931	182.0698	315.1053	217.3138	213.2675	323.6649	149.9295	237.5901	219.0011	195.082	214.8056	425.6386	324.2431	408.5695	230.4612	189.3839	260.9505	168.0943	176.3724	183.9367	272.5092	229.8852	208.941
CUST_37912_PI429010886	M22216	7.69319E-05	12	9						7290.969	978.9259	6401.205	10746.95	2887.827	4168.103	2484.399	1414.36	3339.651	27073.29	44511.54	16954.37	28561.19	4928.217	11112.95	238.2559	685.4537	569.4689	6913.964	2988.845	6000.152	32969.41	37632.98	38719.75	13078.51	33963.44	45257.85
CUST_14514_PI429010886	N33003	7.69319E-05	12	9						86.1454	57.73118	42.01431	117.9157	51.1228	63.37029	75.52401	57.81074	54.25064	90.3392	171.7821	85.18385	62.41935	80.72426	64.88027	53.68776	48.65633	51.81269	77.35718	74.96434	65.09533	132.3608	194.0511	152.2217	125.2342	123.2894	83.3606
CUST_7941_PI429010886	N22304	7.70147E-05	24	3	383865855	PREDICTED: hexokinase-1-like [M	Metabolic process	Carbohydrate metabolic process	2.03E-50	127.2978	60.20069	87.19961	180.4396	106.4017	176.5842	64.10142	87.57759	67.89364	70.3428	66.0686	66.81481	97.64083	64.18993	76.07871	66.1068	60.93815	45.92624	63.82525	55.89295	63.90528	58.84948	56.734	75.71093	68.29523	78.82605	64.46055
CUST_20278_PI429010886	N43150	7.74469E-05	21	0						87.92365	80.78521	74.75403	36.4809	61.35249	49.39632	35.04281	50.96545	37.34896	36.63038	60.17344	48.98205	19.0538	41.85879	38.55552	65.79182	74.09844	50.87686	69.35987	41.47342	60.0766	98.27861	65.75115	95.04674	127.3678	63.74337	97.05434
CUST_42417_PI429010886	M60227	7.80149E-05	24	21						29.02823	47.89413	43.08599	25.45303	18.37064	21.89919	29.76443	25.16449	28.21177	41.91066	23.13824	32.56117	50.63563	24.91804	34.05393	34.56311	33.36729	35.62359	46.72264	41.68317	37.57177	53.99735	49.38843	51.39126	45.18209	32.04743	55.16243
CUST_47239_PI429010886	M75320	7.85394E-05	24	15	195432615	GK19768 [Drosophila willistoni]			1.07E-08	1204.7	1632.718	1075.462	1019.654	886.9505	867.6626	1013.822	1319.093	902.4975	1049.395	988.0134	934.7113	1212.98	1091.098	1165.385	1654.651	2409.846	2073.458	1002.608	1377.595	1589.718	1066.406	1550.781	1355.75	1363.959	1098.604	1256.746
CUST_24996_PI429010886	N51605	7.91721E-05	24	15						12.00032	18.94465	10.57698	12.56759	20.77726	11.66991	8.273433	22.77868	12.14327	14.05324	20.14753	15.21169	26.1001	18.05808	24.15844	32.90163	29.03394	24.91503	17.52792	12.38585	14.40144	13.87446	15.43474	15.42011	10.24666	8.671876	13.69771
CUST_55169_PI429010886	M108972	8.00153E-05	24	3						707.6592	279.5075	550.8269	1004.431	557.4698	941.0274	260.798	337.8262	223.3238	454.0605	278.0706	358.247	242.6675	572.5541	277.8871	213.3383	201.4162	150.4308	157.0068	213.853	178.5273	345.993	182.8746	228.5093	237.6854	237.5901	128.3867
CUST_19610_PI429010886	N41868	8.00153E-05	24	3	443707171	hypothetical protein CAPTEDRAI			3.42E-15	219.1432	235.4202	370.3281	601.9971	463.096	522.0737	276.8158	364.4673	363.4898	248.2992	564.8143	341.3363	154.3283	302.345	290.7989	102.4313	278.9328	230.2547	116.2567	169.6715	195.8784	141.8167	286.0534	291.6226	127.5443	245.8656	218.5686
CUST_44106_PI429010886	M64967	8.02872E-05	24	9						34.96815	52.91229	48.25642	43.89958	58.13362	35.07936	44.96721	54.41132	52.2471	53.42717	66.67393	65.54266	46.48232	53.6558	54.39842	47.92699	69.71651	52.90722	49.16853	52.46839	45.64916	42.21331	38.76155	41.25004	38.10178	33.4748	36.87147
CUST_8669_PI429010886	N23389	8.03069E-05	21	15	307169148	6-phosphofructo-2-kinase/fructo			5.66E-87	28.10987	18.66401	26.08093	31.04592	29.56314	32.84255	46.13169	38.20339	30.75559	44.61738	35.00336	40.28089	38.81388	37.11143	43.15443	46.85827	46.2714	48.3568	48.4991	19.97632	31.67678	27.81464	26.84554	35.8443	49.1314	30.20493	34.313
CUST_16237_PI429010886	N35893	8.0731E-05	12	9						26129.84	5209.792	27153.68	39875.67	15394.16	17254.51	16348.66	17729.56	17254.51	44285.99	55277.47	33637.86	54598.59	18715.71	31435.61	2251.39	1812.631	3087.565	33176.01	26567.15	35022.2	50283.97	64273.41	60302.68	34620.42	38384.01	63683.37
CUST_43503_PI429010886	M63221	8.08589E-05	12	0						91.01249	137.6616	122.9378	69.93972	62.59981	53.96355	67.3975	65.10135	74.29925	83.29367	78.64253	83.4815	89.40824	93.44995	76.55656	54.56309	112.7474	71.41406	76.27282	82.86519	67.01762	78.61195	71.5317	78.33954	90.18372	76.36789	126.5408
CUST_6772_PI429010886	N20580	8.16207E-05	15	12	260790163	hypothetical protein BRAFLDRAF			5.43E-40	13.78443	10.57304	13.71845	9.63137	10.52214	10.30511	18.05597	17.28408	21.11455	12.97087	21.64956	21.18826	19.65095	19.15316	41.28281	13.93323	14.70794	31.14331	8.770103	12.12132	15.00133	23.13174	11.57988	18.18639	28.13497	18.76106	29.23556
CUST_38077_PI429010886	M23225	8.16808E-05	12	9	156356316	predicted protein [Nematostella			3.88E-11	8146.369	436.2924	6601.274	8768.122	2086.93	5009.272	1242.354	1081.498	2053.392	14670.24	13222.77	10699.09	14032.06	2998.296	5131.503	243.453	450.1126	377.789	4198.712	2369.531	5435.742	17345.96	19195.08	21334.13	5671.62	4700.854	11356.17
CUST_39172_PI429010886	M35591	8.16808E-05	12	9						8869.924	344.8027	7130.037	8857.18	2765.552	4253.847	1739.873	883.4797	2105.784	16981.94	13301.65	11763.32	18522.28	3786.16	10532.72	332.0817	422.0714	508.1759	5558.806	2833.623	6601.274	16690.76	17131.85	22092.06	5407.94	9272.221	15798.02
CUST_33465_PI429010886	M6960	8.16808E-05	12	9						6183.806	709.2377	5593.889	12378.85	4928.217	3053.693	4275.766	6041.324	9643.272	13503.69	17453.24	10485.81	23739.57	7762.077	11643.13	522.4996	149.047	546.3173	14885.24	10193.49	14670.24	25611.3	29219.06	28943.19	13193.16	18070.71	27153.68
CUST_52499_PI429010886	M97666	8.19541E-05	24	15						49.54311	92.06463	60.67275	45.3219	40.22045	49.67166	72.00199	83.4815	68.77617	52.41365	53.04738	27.96239	85.51486	58.08057	38.64131	94.36986	119.0143	91.05781	90.57569	71.71217	94.62002	73.71889	68.0002	65.78378	50.6873	48.15989	53.84528
CUST_34704_PI429010886	M10403	8.20157E-05	24	21	242024511	ankyrin-1, putative [Pediculus hu	Metabolic process	Lipid metabolic process	3.09E-100	185.2774	167.3552	205.3015	186.762	189.6492	173.1737	143.3502	152.6002	156.8206	199.5249	165.8756	164.8664	199.2487	170.8363	155.9594	199.2156	210.0683	212.0165	179.4641	168.564	191.6851	237.6854	212.0999	227.3167	199.6427	176.6314	251.8474
CUST_38451_PI429010886	M26784	8.26306E-05	12	9	395536939	PREDICTED: keratin-associated p			9.26E-15	13281.09	1289.52	14526.85	28743.72	6601.274	11695.66	4971.086	4750.447	9855.129	29647.7	20762.38	20020.97	27918.92	10053.8	9923.978	361.9725	124.7912	448.6833	16372.71	9272.221	13154.56	29219.06	31967.8	32639.19	15461.72	16372.71	16491.53
CUST_54108_PI429010886	M104603	8.30924E-05	24	15						2440.627	3838.854	2831.186	2164.77	1781.913	1988.355	3098.696	2571.491	3441.376	2685.938	2010.612	2043.437	2926.153	3272.412	2646.596	4536.055	3460.858	3983.53	2886.102	4203.047	3956.525	2937.545	2552.554	3379.597	2685.938	2631.802	3838.854
CUST_39385_PI429010886	M38675	8.31599E-05	24	6	260815865	hypothetical protein BRAFLDRAF			2.46E-08	113.4417	95.64524	68.74828	1019.08	69.22757	735.8335	982.8111	171.0604	532.6369	148.2715	55.97133	84.6858	547.8118	419.0196	61.07789	45.5101	71.71217	60.50212	33.16469	66.51317	53.29749	59.97997	55.04149	47.11911	63.07768	199.0877	191.3144
CUST_1476_PI429010886	N9745	8.31599E-05	24	15			Metabolic process	Carbohydrate metabolic process		522.4996	194.7103	278.8215	225.2142	38.47726	126.9491	395.2192	513.2014	358.6508	1168.934	574.9115	122.1097	550.3617	384.8278	261.1993	1980.694	678.9908	1337.377	1101.918	919.0444	1734.409	548.1274	47.98232	447.4189	766.3188	259.4124	434.7194
CUST_1408_PI429010886	N9543	8.36325E-05	24	15						107.4552	85.95066	31.32237	36.71092	95.27189	69.40758	212.2553	105.3837	195.2973	169.2478	153.8104	81.55186	280.9343	156.6771	172.9496	684.1238	334.8644	461.1854	77.82741	270.8525	337.294	185.3999	15.46338	148.9789	116.6229	55.72212	86.62987
CUST_55852_PI429010886	M111890	8.42306E-05	24	15						77.67075	45.5101	50.16118	19.1841	8.62661	12.87704	107.8039	100.9118	102.222	100.4391	59.94713	12.49687	69.20307	115.984	34.4378	369.6716	187.5751	249.7708	92.90072	128.3485	184.2949	93.93436	8.051031	59.30659	100.6757	28.0193	38.43
CUST_15633_PI429010886	N34893	8.43034E-05	21	9						33.89153	24.38317	10.78644	255.6336	28.86811	177.5447	226.205	208.3716	150.1836	834.7743	NA	540.2756	52.8068	46.08569	43.88384	317.1285	37.35922	288.9896	54.30655	58.79368	99.07571	26.44115	NA	20.25356	36.09076	14.19869	40.27654
CUST_55578_PI429010886	M110815	8.4638E-05	15	9						13.54908	11.49555	28.17546	12.17947	18.32237	14.29143	12.78681	24.93951	23.74587	36.40347	36.63348	19.6201	19.60068	12.04777	24.368	5.891833	6.450227	10.58169	28.29802	17.20923	26.12743	25.77932	19.62318	27.80576	29.65588	28.2205	31.5845
CUST_51932_PI429010886	M95731	8.4638E-05	15	9						96.5246	79.95529	109.9078	228.7822	156.7032	96.94761	67.92426	130.174	102.2993	296.9431	833.7381	193.1768	378.7986	205.079	105.1338	48.72562	74.91262	57.39387	150.113	97.10574	87.38427	383.2384	582.785	251.0873	136.8604	476.9732	386.0289
CUST_1936_PI429010886	N11120	8.49326E-05	12	9						954.4926	NA	1028.813	1181.431	256.2719	636.1587	33.3337	46.78844	86.73529	1938.89	5533.093	1252.458	3475.106	311.5873	1977.598	4.870551	5.600819	18.57773	287.8256	445.7269	472.8686	3995.862	4754.165	4727.546	750.0607	1437.647	2377.165
CUST_20115_PI429010886	N42837	8.57758E-05	18	3						81.33153	50.42215	99.60174	94.58629	57.40907	82.1262	28.04985	45.59558	44.10093	43.94355	42.10224	36.51861	42.47062	46.34771	51.9164	35.91186	57.18227	57.47217	41.07397	50.97241	57.7947	114.5979	55.53662	107.9064	54.22249	54.80156	64.35808
CUST_1220_PI429010886	N8901	8.57997E-05	18	15	197210409	60S ribosomal protein L30 [Hapl	Protein metabolism	Ribosome biogenesis	4.79E-34	171.0708	168.7741	138.7489	158.8008	104.5179	116.2155	149.578	129.2573	107.6151	119.8257	90.04305	99.18844	110.1773	126.9826	130.6083	199.4867	191.8796	188.4419	164.8664	138.4615	170.3275	120.6137	172.4755	116.0279	104.5461	120.4106	143.902
CUST_6581_PI429010886	N20300	8.62471E-05	18	3						NA	10.12975	NA	16.41161	10.58169	11.30587	NA	4.484845	5.730283	9.14743	4.467522	7.146978	4.987484	9.921498	NA	NA	4.258711	5.574105	6.046947	8.820637	4.955878	17.30435	16.0336	12.4284	9.960257	11.15725	14.0733
CUST_18712_PI429010886	N40274	8.64297E-05	12	3	321463102	hypothetical protein DAPPUDRA			1.09E-37	114.6686	96.62834	40.48248	65.61458	131.8408	143.647	128.179	141.417	106.4444	50.62618	43.15923	69.45139	82.26609	61.44094	80.26815	205.6925	139.2203	188.767	55.21231	87.03898	81.44134	38.29632	76.03311	54.30068	61.58	133.5115	68.82621
CUST_35786_PI429010886	M13510	8.65071E-05	24	21						493.3336	539.0498	510.4694	379.6985	406.254	306.2147	361.4833	672.5292	546.6865	202.9634	117.9412	239.9273	274.5195	185.4321	385.4238	237.3958	678.5721	372.5479	421.2021	267.8251	367.7282	1003.255	871.592	589.1435	520.31	418.2862	714.0141
CUST_39494_PI429010886	M40390	8.69778E-05	24	0						162.9278	273.2919	290.7067	119.7663	66.54894	26.71059	136.3336	213.7108	269.8306	70.5683	91.47922	64.55985	153.0619	91.96611	47.84164	115.8122	102.0603	162.2856	199.5249	194.1257	285.8344	166.3679	165.0428	230.2547	257.5954	187.3503	335.5615
CUST_11311_PI429010886	N27605	8.76454E-05	24	3						220.4205	100.0919	197.961	169.7886	426.7646	348.2785	106.4806	67.66335	97.72445	105.1207	208.8952	306.279	99.90955	290.7067	348.7951	82.04507	45.35253	70.26755	82.54419	91.4929	70.15908	107.424	92.35614	98.00625	112.3846	103.1963	126.1993
CUST_52397_PI429010886	M97294	8.77566E-05	15	12	156550245	PREDICTED: serine/threonine-pr	Protein metabolism	Cellular protein modification process	3.75E-62	23.30722	19.8869	19.48546	11.91014	NA	8.891795	13.3386	16.06184	15.5351	19.85199	15.66225	20.05879	24.8137	17.23806	21.06356	12.66822	21.36623	24.48777	13.12104	12.35829	9.710211	25.87427	14.03646	13.26729	22.6585	15.46338	22.71026
CUST_36520_PI429010886	M16117	8.80211E-05	15	9						6.220036	7.401064	10.54823	19.27054	17.12239	NA	11.55337	14.62238	17.73766	19.6697	40.27208	25.38297	43.41187	15.7815	23.75071	6.183844	12.71213	6.361012	11.60747	12.66963	28.74405	31.93086	52.90159	49.20954	22.41168	33.47807	52.44267
CUST_11218_PI429010886	N27464	8.8672E-05	21	15						25.17677	25.90662	28.90914	19.91041	19.78273	13.50622	11.74409	17.66664	17.74472	23.63826	23.4544	32.41501	21.15511	23.06634	21.41005	24.57834	37.42766	30.46326	28.42785	26.0084	28.6788	22.44233	21.82274	28.63092	26.58261	13.6932	20.25781
CUST_53184_PI429010886	M100602	8.87836E-05	24	15	241564915	ribosomal protein S25, putative			3.97E-08	11974.32	16252.77	10569.33	10277.01	9804.488	9550.071	15767.9	16847.05	15435.13	12648.44	10090.54	10795.65	11952.65	11974.32	10352.54	17131.85	18070.71	17254.51	15847.39	16452.07	16760.98	12043.33	13906.34	12991.27	14794.99	13737.98	13154.56

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_27921_PI429010886	N56946	8.87836E-05	24	3						389.053	93.21779	241.4743	304.7866	695.3717	508.3099	86.53109	190.8547	105.242	133.6627	544.9477	590.8215	76.44155	207.4056	240.1565	12.76114	6.092867	13.05352	37.58637	142.2314	50.21608	187.9422	234.4659	171.2731	48.90035	382.3723	144.3231
CUST_43079_PI429010886	M62019	8.96237E-05	21	6						10.30511	9.724209	12.71343	118.9614	22.01591	56.93121	111.9958	65.3511	94.45356	37.05226	69.6376	24.1058	106.3835	112.683	19.83531	31.57047	41.48089	39.03115	28.41463	21.52069	20.35695	8.826303	9.673796	18.49152	NA	NA	6.111488
CUST_37600_PI429010886	M19735	8.99219E-05	24	15			Protein metabolism	Proteolysis		1745.528	1047.687	767.3697	342.6821	123.4933	327.4664	4134.923	1702.984	3467.123	2930.842	1524.311	430.5713	1741.604	1692.044	605.9768	10605.81	3546.981	8631.841	2179.188	2538.621	3324.822	1743.671	68.35388	1890.428	2208.268	575.6253	1672.68
CUST_22529_PI429010886	N47191	9.06289E-05	24	21	321455420	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	1.44E-12	739.0418	622.9027	704.142	783.6564	521.6397	542.9066	250.5828	480.5983	384.9395	582.785	461.4101	339.8451	589.338	349.8278	501.3701	489.2868	687.9587	174.2207	1404.214	628.502	855.0422	1105.917	1138.567	736.2732	1619.49	937.9336	1135.893
CUST_37996_PI429010886	M22680	9.10601E-05	24	15						1782.659	987.1103	871.592	379.2367	194.7103	330.9231	4055.849	1731.406	3154.32	2855.927	1297.493	443.4999	1739.873	1615.517	974.6663	10746.95	4101.099	8025.596	1902.67	2679.375	5184.879	2201.915	85.64416	1818.148	2379.92	607.3706	1506.647
CUST_39035_PI429010886	M33770	9.10601E-05	24	15						256.573	119.9092	154.0154	46.70567	16.3304	52.45299	800.3618	337.6329	740.5837	593.6835	366.6368	156.8946	168.6428	455.1948	105.3328	3145.521	1512.535	2030.062	756.8703	566.888	1187.041	920.4596	7.142339	723.3991	590.1632	113.7894	407.0205
CUST_7679_PI429010886	N21906	9.10601E-05	24	15						359.3488	608.2737	400.146	352.5182	331.1886	324.5457	687.6817	567.5384	563.8477	630.7177	403.8629	450.6028	664.4758	424.0822	453.9545	860.0989	838.3409	871.1645	775.9607	571.5137	787.5865	575.9481	435.8605	523.8156	773.0893	592.8013	657.1039
CUST_15001_PI429010886	N33841	9.10601E-05	24	9						159.497	128.8445	142.5791	166.9595	212.1849	167.0102	226.7781	133.8434	130.8147	267.6739	232.0442	175.151	216.0939	149.786	218.2926	110.571	223.1202	147.7301	168.7741	158.3229	186.3924	124.7151	92.64515	108.1961	113.6995	169.2478	126.6958
CUST_8567_PI429010886	N23230	9.19914E-05	18	9	242022067	RAC protein kinase DRAC-PK85,	Signal transduction	Intracellular signal transduction	9.29E-132	23.23426	22.84451	25.62847	18.8838	11.4865	23.22374	44.9365	14.97433	28.73586	27.72879	26.84779	32.1177	27.19181	28.5784	24.4823	31.39708	25.81956	36.88652	27.15149	25.02711	25.21673	22.25604	19.67938	22.95957	24.53712	28.36418	27.46604
CUST_51605_PI429010886	M94205	9.25967E-05	24	21						7.444772	19.66736	15.84702	6.687789	18.02157	12.96341	NA	12.47654	12.21582	NA	6.270949	8.739672	9.494876	3.836599	11.63897	11.76147	8.032833	11.10613	10.12509	13.50493	19.51476	52.39688	32.8057	19.66385	11.55881	21.22876	25.2621
CUST_38746_PI429010886	M29929	9.32346E-05	18	15						41610.17	38228.71	36195.31	29520.35	25555.67	30065.36	46193.24	38996.88	33749.71	43090.8	25888.13	40595.56	38719.75	31108.81	36724.45	43955.79	42014.5	41258.32	36043.3	34757.71	41419.19	30821.46	30065.36	30821.46	34173.92	31967.8	34173.92
CUST_34032_PI429010886	M8558	9.32346E-05	18	15						186.6281	268.7276	224.6222	183.411	154.2231	134.1449	199.7474	208.0191	239.2059	223.053	218.3332	234.1695	229.7888	230.9439	226.0802	281.2628	295.3547	261.2478	267.1988	253.2927	218.1148	234.791	175.4589	185.9639	270.1339	237.439	212.0999
CUST_22133_PI429010886	N46491	9.39395E-05	12	0						10.54947	8.009934	NA	9.8644	5.588826	6.180183	5.658568	3.221456	3.064213	12.66493	6.645065	9.947363	12.41522	13.90922	5.972458	4.369107	4.72816	9.459821	4.715645	4.308443	4.19775	5.375793	5.977356	8.388209	7.085828	12.66963	6.909134
CUST_34207_PI429010886	M9058	9.44749E-05	24	15						100.1918	171.8869	132.5675	136.5823	113.7264	123.305	199.6427	163.8654	169.4819	188.7447	138.4795	195.7919	174.172	150.2055	166.8118	239.6808	245.5909	247.2845	211.5442	169.7494	207.1407	176.9877	175.63	220.3669	188.5193	168.5856	211.2708
CUST_2632_PI429010886	N12797	9.44749E-05	24	15			Nucleic acid metabolism	RNA metabolic process		743.0295	956.4678	774.5071	609.2645	491.802	562.4363	1043.605	813.2524	999.9612	1053.276	553.413	779.846	921.0975	565.424	819.3739	1373.039	1071.049	1314.736	1054.885	773.6805	1061.158	931.8674	764.0639	989.9825	1048.117	704.9081	979.9752
CUST_7485_PI429010886	N21614	9.53267E-05	24	15	321463650	hypothetical protein DAPPUDRA			5.37E-59	48.18114	26.03031	43.8213	36.93269	32.26704	33.77215	28.96764	53.28017	16.15024	22.38325	37.17924	34.3577	26.43013	29.90874	55.47729	60.28486	63.33433	55.57314	55.91239	60.88384	57.8427	35.53128	53.75479	53.68776	37.70404	32.22863	46.29703
CUST_8492_PI429010886	N23121	9.58985E-05	24	15	154416763	viral A-type inclusion protein [Tr			5.32E-11	44.42841	42.04861	26.87774	54.31927	59.73624	49.42933	48.02557	61.12576	66.79456	55.0054	50.43341	47.89413	74.06253	48.68665	47.7452	79.62962	74.39469	84.9077	53.14759	53.90894	63.08459	57.781	46.21146	58.9258	50.49566	40.48622	38.8005
CUST_26697_PI429010886	N54721	9.61716E-05	18	0						41.94361	27.06969	26.35385	16.84041	19.52695	9.698616	20.29507	8.709124	9.165105	14.66707	3.276039	NA	7.557804	5.939175	6.427241	16.99266	30.98678	41.04183	13.5245	25.55884	40.90141	23.88306	9.743639	13.51154	16.98896	6.936046	9.607864
CUST_19083_PI429010886	N40949	9.68979E-05	15	0	405959130	Elongator complex protein 1 [Cr			8.45E-14	21.83271	27.93535	23.14529	20.11563	18.41787	18.92222	8.970532	15.20809	18.03136	7.196175	12.08782	17.99711	21.1126	14.12155	19.7654	22.63447	30.81577	31.25004	15.17671	16.31227	24.80368	18.36487	13.3283	24.15387	11.1896	11.51019	24.7708
CUST_54814_PI429010886	M107791	9.6964E-05	18	15						26.08621	48.76461	34.88249	22.39421	17.04459	25.09267	57.16004	42.36924	46.15921	43.21465	33.01818	32.66605	44.38354	31.06867	25.10206	64.57877	66.48433	43.18567	41.8114	36.94243	42.6374	21.0497	22.97677	24.92323	43.80331	28.35837	24.20903
CUST_24348_PI429010886	N50460	9.88328E-05	12	6						72.77442	74.97441	71.93057	93.30975	92.60339	85.33414	229.8852	90.8123	114.0114	104.3299	96.03692	69.89861	70.72448	79.92025	62.73874	75.38714	82.66079	82.00982	132.6306	81.02819	96.30356	81.9979	80.24156	69.326	87.10926	60.39038	69.45852
CUST_34780_PI429010886	M10631	9.97264E-05	24	21						157.4759	247.0676	310.7267	189.9808	196.581	121.718	166.0779	208.5809	228.253	198.84	155.6724	202.7406	121.1808	149.4831	150.113	114.1092	163.6909	161.6606	206.2187	184.4435	193.3912	317.0103	335.3114	334.3239	191.5757	208.6394	351.8456
CUST_8670_PI429010886	N23390	0.000100693	18	3						51.30921	40.57567	52.73695	143.0166	106.0765	139.7737	39.00565	49.85973	52.29097	71.43667	82.42776	105.2156	71.03566	60.31817	38.27962	44.77327	32.1267	47.41757	42.9709	78.69416	26.54663	113.187	119.5301	125.8966	62.23993	82.79094	56.22801
CUST_24063_PI429010886	N49965	0.000101092	24	3	260785490	hypothetical protein BRAFLDRAI	Metabolic process	Other	1.12E-10	122.0207	59.40177	110.822	129.2072	121.0882	112.8635	71.78767	77.19972	65.59134	67.7048	92.35614	98.43645	85.1761	85.79452	109.1508	39.28264	76.89496	52.17564	28.21781	54.79166	48.07833	85.71168	54.88564	62.96095	106.3076	75.28314	130.0819
CUST_17029_PI429010886	N37258	0.000101268	15	0						266.8019	289.7731	NA	153.318	NA	119.4286	197.3334	132.6306	122.5572	16.8144	11.05247	NA	47.66934	178.7734	47.89413	367.876	195.2581	169.2197	143.902	39.84392	149.8586	NA	187.8413	NA	19.31587	37.34026	NA
CUST_24438_PI429010886	N50627	0.000101628	12	3						11.62281	13.85499	NA	46.67221	NA	39.57166	48.10521	14.37528	24.24843	14.14112	6.269189	NA	13.84416	13.85654	9.710211	150.1608	64.58573	60.81905	19.02577	5.202657	18.76293	NA	3.90246	NA	41.65544	27.00456	7.020474
CUST_55648_PI429010886	M111121	0.000102899	21	15	13898841	CUB-serine protease [Panulirus a	Protein metabolism	Proteolysis	5.66E-20	126.1572	343.5695	283.351	147.9373	186.6982	88.75	237.439	279.8938	270.3715	254.1458	242.3852	83.51378	215.6896	315.1053	262.7025	484.5238	338.0427	428.3837	242.0464	272.7898	348.3823	292.3452	109.892	205.5946	188.2411	143.7214	166.0466
CUST_23571_PI429010886	N49046	0.000102946	21	18						184.1725	188.4169	183.1326	160.0636	151.6954	180.1092	111.3836	149.1062	142.5791	136.6363	148.5751	186.1968	88.42474	127.9686	147.5974	204.6434	153.8272	212.5696	232.64	183.3606	232.7864	164.8664	169.1748	212.3717	183.8614	178.3834	189.6824
CUST_29585_PI429010886	N60149	0.000103805	12	9						54.80637	57.77356	81.64232	58.43105	30.45211	56.54714	41.55628	61.88614	30.97694	86.84479	75.24855	58.6281	69.53147	50.87138	23.75813	23.09193	26.06752	18.97931	68.99631	50.10507	79.32602	82.69673	94.33013	113.0702	56.61327	65.25923	128.6276
CUST_6711_PI429010886	N20494	0.000104126	24	21						21.76426	49.54311	50.20269	34.02124	36.38972	29.64248	20.40806	44.20101	44.41457	32.15717	34.08501	45.18702	17.87527	17.15225	24.12669	26.57189	22.4617	36.81564	28.00878	39.50981	34.50654	45.76721	60.29296	73.32545	48.06623	37.60099	55.42058
CUST_42534_PI429010886	M60524	0.000104289	21	15	321457450	hypothetical protein DAPPUDRA			1.45E-29	406.3531	622.7305	500.8894	377.6097	417.5037	361.1904	435.1623	528.1103	421.977	422.5065	548.4345	476.9732	514.7289	469.2787	399.8777	473.3422	698.508	669.7814	433.3852	459.3044	425.5802	420.1391	395.1137	450.1126	430.8354	362.195	380.6302
CUST_6208_PI429010886	N19771	0.00010568	21	15	260797582	hypothetical protein BRAFLDRAI			1.11E-74	1488.548	2297.179	1644.807	1205.686	1241.8	1175.829	1798.348	2091.62	1876.444	1658.691	1570.104	1731.406	2022.811	1444.952	1499.429	2198.578	2862.188	2455.967	1659.781	1795.363	2171.504	1466.746	1509.047	1731.406	1483.632	1232.079	1692.044
CUST_31271_PI429010886	M1112	0.000107021	24	15	529367583	ecdysteroid receptor E75 [Litope			1.39E-68	1102.848	2173.027	910.2628	751.2377	705.8467	705.624	1839.274	1536.792	1586.354	1187.041	999.9612	1100.835	1097.014	1740.73	1654.651	2434.185	2112.104	2233.186	1464.031	1355.75	1482.511	912.2418	1716.333	1004.862	1059.777	1412.941	1054.373
CUST_12118_PI429010886	N28958	0.000107039	24	6						45.3219	58.4887	57.30682	154.9682	63.85058	131.8934	115.6261	101.0257	204.6859	63.5234	180.4687	72.70716	145.6336	159.5977	85.6799	62.92312	96.17648	73.50137	40.44359	54.53262	33.74242	32.29617	45.746	44.3077	23.54776	17.44773	27.02166
CUST_57215_PI429010886	E2510	0.00010707	21	15	296317283	eukaryotic translation elongatio	Protein metabolism	Regulation of translational elongation	1.06E-24	35862.04	45502.32	37427.64	29725.44	32798.44	30721.41	46674.67	45964.24	43280.43	42224.23	33402.18	39713.59	36302.66	37427.64	38996.88	51269.31	48559.97	49329.8	40217.51	45257.85	43955.79	33176.01	37427.64	37427.64	36043.3	37932.98	28858.93
CUST_45510_PI429010886	M69333	0.000107693	15	12						NA	26.805	NA	4.947558	8.652491	29.48091	33.04298	41.97957	19.25364	37.57549	33.9482	14.39483	54.55547	57.12984	54.63268	18.19714	72.59454	35.81706	10.74202	25.00095	17.2236	26.9245	14.1199	16.72346	36.1335	30.72686	30.6146
CUST_6997_PI429010886	N20891	0.000108525	24	18						213.6621	255.9552	260.9827	189.9429	192.5776	161.6353	196.9337	219.6551	234.0578	266.6324	245.8656	239.348	200.3302	242.3379	242.5947	199.3048	302.0161	270.8095	278.1319	251.5087	263.4037	258.0601	311.4501	326.1422	232.0442	243.726	252.0561
CUST_49582_PI429010886	M86246	0.000109547	21	12						80988.9	85264.67	89785	66456.69	69586.63	94790.65	89785	99004.2	103630.6	94019.51	79085.89	98191.21	116387.2	100092.3	102933.3	84653.3	110385	102933.3	97373.16	87746.38	102393.8	96349.38	89298.33	95305.17	85264.67	79747.61	70445.35
CUST_35902_PI429010886	M13860	0.000109992	24	18						114.8083	152.2628	148.4641	110.5494	122.5392	99.58967	106.6009	152.5349	129.6764	95.83012	107.5789	81.38488	98.15697	104.4233	124.0673	168.9237	171.8869	185.8751	162.1415	176.6888	177.9078	145.3783	168.7131	182.794	165.1857	159.6186	217.7022
CUST_16641_PI429010886	N36615	0.000110012	24	18						25.13614	93.6437	54.26213	57.74381	43.94355	63.10394	75.6543	74.30536	59.37073	69.15316	73.4442	58.2972	68.36093	59.25391	70.60324	85.51486	113.8069	81.80549	119.971	85.95962	242.6247	93.22902	110.9763	82.40323	83.0128	80.8714	62.44379
CUST_38661_PI429010886	M28919	0.000110084	15	3						1210.563	744.7409	1379.279	2573.227	861.7915	1633.469	458.8651	1638.477	813.5332	754.9422	400.6266	460.1149	661.8815	860.0989	362.1172	456.4069	1180.964	1153.859	1238.715	1650.878	1690.112	1484.484	843.8571	477.8297	1119.38	277.6692	626.641
CUST_43228_PI429010886	M62469	0.000110635	12	9	512883568	PREDICTED: putative ferric-chela			3.05E-08	59.57649	69.24371	100.2259	56.65028	60.80606	37.60099	50.57582	61.46387	80.84339	70.42129	140.9438	61.3418	103.4513	51.75429	49.07635	33.93799	26.91606	30.63675	95.29319	73.73506	83.84766	108.4697	166.3542	157.386	55.19896	91.19065	162.3594
CUST_7287_PI429010886	N21321	0.000111567	24	15						191.5757	243.5905	222.0168	254.1458	261.5479	256.0953	166.3542	275.0049	248.4962	214.0769	273.4227	218.5686	303.3581	273.134	311.7361	313.6779	306.7294	300.0533	235.8737	273.6644	252.8102	218.889	258.6669	244.2151	227.4568	183.0375	228.163
CUST_84_PI429010886	N558	0.000112001	12	9						43701.56	9167.401	40217.51	44511.54	18715.71	21459.8	18910.88	24984.55	38719.75	60953.29	79747.61	39875.67	74264.89	25978.53	18715.71	2551.022	1054.885	3426.429	42496.4	31435.61	47826.44	62699.58	72257.2	82051.33	43955.79	66456.69	53773.55
CUST_44562_PI429010886	M66324	0.000112985	24	6						121.8531	81.55186	168.2637	166.158	170.0181	183.2355	146.2442	178.1189	220.2176	123.8539	257.8891	138.575	174.0123	210.4367	150.8283	122.0207	123.6152	127.0236	116.3471	88.67629	85.53397	91.32281	104.8028	108.1577	72.55053	79.76299	117.5696
CUST_461_PI429010886	N5429	0.000113366	12	9						5769.472	952.6113	4841.865	10464.54	2539.976	3633.442	1980.694	1127.159	3011.975	23162.84	32064.51	10408.52	25403.62	4577.512	12141.91	222.9863	567.7111	431.4309	5467.822	2732.247	5068.287	30965.56	38228.71	29647.7	11805.59	29396.88	33838.77
CUST_1976_PI429010886	N11212	0.00011375	15	9						324.3641	61.49211	299.0693	937.1039	438.2874	200.5807	246.3057	380.5457	600.2455	724.9498	2477.377	611.6853	1324.412	430.4406	495.5669	12.70892	15.82041	21.55177	873.5747	386.6278	836.9003	1457.953	3516.69	3763.397	1072.507	1453.134	2125.115
CUST_38087_PI429010886	M23281	0.000115154	15	9						2443.901	1041.894	3024.414	6936.974	2820.736	717.7206	3017.306	3307.225	6696.753	6696.753	10532.72	4229.758	10232.82	3193.902	3472.797	158.6683	81.32217	203.9603	7653.847	5365.583	7681.431	9516.402	16323.5	13685.2	9653.786	9444.83	17555.23
CUST_31181_PI429010886	M908	0.000115865	21	0						2402.724	2962.88	2440.627	157.5876	588.164	247.0114	435.6254	472.6199	633.9987	759.3274	1833.616	2278.847	50.30791	915.406	686.4707	3428.918	1185.011	1875.312	2022.811	1704.256	2592.232	2829.469	1843.608	3588.155	1302.487	1368.116	1041.115
CUST_32393_PI429010886	M3994	0.000116098	12	9	321465430	hypothetical protein DAPPUDRA			2.59E-32	48.22901	42.25942	65.60638	45.01993	63.59914	25.1528	46.59051	31.18062	45.90076	53.10397	117.2948	51.9988	71.25639	48.98205	20.22587	30.35985	17.63971	17.28976	46.3034	63.94916	64.2252	81.9335	78.86032	76.69145	76.22837	32.91719	57.08761
CUST_1271_PI429010886	N9090	0.000117445	24	6	307169370	Chorion peroxidase [Camponotu	Response to stress	Response to oxidative stress	2.53E-104	52.33176	155.5805	78.5278	131.6454	169.9743	115.7411	1137.925	502.5054	1522.629	115.5828	101.0154	45.25376	115.3698	90.05411	99.92196	115.0038	290.9304	339.5673	73.94525	37.14951	65.45785	57.20828	27.69715	50.87138	38.79677	40.27654	35.42699
CUST_24025_PI429010886	N49890	0.000117765	18	9						12.81539	12.58849	11.19796	16.73592	NA	24.33859	26.73995	31.73936	NA	46.81937	40.10788	28.86811	24.31278	NA	27.09196	32.78488	21.21931	33.08133	10.12825	5.268864	7.016143	45.07182	16.09693	32.10997	32.85632	25.74697	8.974877
CUST_1948_PI429010886	N11143	0.000118256	24	15						15.9111	22.16329	17.90327	10.98475	14.39646	15.99496	23.41063	17.50283	19.42414	36.69692	17.15876	24.37754	48.12738	18.03262	34.25718	43.84283	36.22402	24.6637	23.90768	12.21743	22.31416	22.20534	9.632394	23.5397	19.89427	16.34777	19.95957
CUST_40505_PI429010886	M55307	0.00011883	12	9						8886.515	294.3919	8818.425	8269.17	1670.335	5913.632	615.2672	370.7223	720.2377	17061.92	21113.92	11395.49	12344.85	2342.087	9444.83	92.99115	106.2889	160.2997	2333.596	1148.933	2575.646	11206.93	10277.01	12255.54	1922.582	3499.526	6041.324
CUST_2856_PI429010886	N13255	0.000118932	24	21						317.1978	363.297	320.552	361.1904	264.9162	294.9139	151.5059	251.4219	204.5091	357.3731	291.7534	186.728	401.2544	252.3	369.8268	435.8605	327.283	210.2297	562.0064	261.0327	296.3981	530.6367	497.4085	532.6369	678.5721	415.4114	604.3308
CUST_35080_PI429010886	M11510	0.000119522	12	0						114.7972	63.88253	154.9154	75.55461	53.06387	70.56233	50.66742	50.84751	39.96697	76.34956	52.65281	58.04431	221.8149	76.3265	144.2677	20.02186	34.37139	35.18743	41.03792	38.36719	33.6985	133.4406	54.50441	94.70581	75.51715	65.69754	114.7972
CUST_37445_PI429010886	M19056	0.000120006	12	6						1022.798	366.242	518.791	770.3832	165.9817	472.502	2323.856	2782.49	2181.465	1346.472	386.3361	417.734	919.6173	546.2084	253.1207	2744.675	1851.473	2149.415	1034.581	3598.269	5388.872	2261.704	814.3635	972.4265	418.2862	161.8178	222.0168
CUST_7661_PI429010886	N21884	0.000121514	24	12						9.22306	25.03508	20.72028	34.77477	59.71475	55.65083	12.34301	31.84126	22.94104	29.40702	30.28156	36.93887	48.28205	46.90598	67.21667	39.62294	29.55174	25.01301	40.80027	42.73834	37.46702	30.78396	21.35401	26.01383	15.95467	19.59461	17.46154
CUST_51762_PI429010886	M94928	0.000121635	24	21						87.83185	62.67742	95.39909	83.15856	57.97707	37.77999	72.92411	59.64058	94.27306	72.16617	46.14458	62.70293	87.92365	56.82231	81.43322	101.0057	21.70753	76.04559	192.4672	110.8393	101.5466	187.0768	142.9154	157.2786	139.5452	100.9118	169.1748
CUST_42011_PI429010886	M59144	0.000122091	18	9						11.97294	15.65876	25.37685	13.61629	14.17656	13.44807	35.25348	39.25338	25.56436	49.23192	47.88053	37.45982	49.09284	19.55073	31.80176	29.91879	23.36033	32.99109	43.62046	11.48186	16.84945	21.30099	18.67988	16.11644	15.96858	20.16722	21.73698
CUST_56383_PI429010886	M113643	0.000123092	24	0						65.71584	58.98036	55.63371	57.29374	44.7597	39.80553	56.57137	41.50445	38.70471	48.42501	36.82399	48.04838	33.75549	37.62021	32.40475	52.15678	43.36291	50.56209	54.45212	46.51413	45.05271	66.54171	47.04453	45.60384	69.51507	43.79306	58.65468
CUST_2021_PI429010886	N11345	0.000123296	24	15	241859217	purple acid phosphatase, putati			1.09E-29	NA	11.5439	6.782652	15.18659	NA	4.500661	11.28594	5.634563	17.19685	8.844931	11.0285	NA	62.23993	48.45851	55.49194	28.45078	97.73797	83.55746	36.44264	21.48961	21.31707	9.61862	NA	16.25004	NA	15.56681	NA
CUST_49990_PI429010886	M88118	0.000123316	24	15						22.58254	11.10999	6.931329	5.270725	3.245721	10.85553	36.71405	11.89711	35.38735	73.10715	32.09525	NA	23.38714	18.57121	12.80959	125.9513	32.55747	77.40803	26.80709	24.58293	31.78112	21.46595	NA	15.83532	43.81166	10.58533	20.3727
CUST_48653_PI429010886	M81489	0.000123324	24	15						137.7837	197.1276	152.6002	165.8065	161.4729	171.436	180.9657	180.2649	151.9479	186.4449	139.2612	229.393	182.7293	190.613	184.6434	278.1702	283.5165	231.9279	247.7427	207.3047	257.7877	170.3073	177.1027	183.7151	185.4692	202.9634	198.7466
CUST_37844_PI429010886	M21834	0.000123861	18	3			Protein metabolism	Ribosome biogenesis		1605.911	171.3909	1699.905	2551.022	1292.456	1669.427	460.5885	623.6004	983.8429	2308.81	2191.923	1654.651	1160.436	1047.687	1150.764	42.48457	36.8828	47.59053	1324.412	1311.742	1179.062	3356.595	3316.279	3543.046	1194.342	2988.845	2871.837
CUST_39521_PI429010886	M40763	0.000123861	18	15	40887062	Cherax quadricarinatus beta acti			3.12E-108	212.7978	40.78067	169.6212	196.526	41.20908	161.8447	122.7362	219.1089	83.94977	209.9184	86.28411	164.7136	287.4579	488.3385	139.5903	393.358	566.6051	803.3036	228.7822	396.9028	524.0943	49.25099	16.15024	36.37756	439.2301	197.4586	185.2774
CUST_20895_PI429010886	N44271	0.000124501	15	3						16.33412	5.47375	24.80919	52.33755	NA	38.66936	7.99047	14.74793	9.206401	8.150003	3.819605	6.866061	10.01207	6.976782	NA	13.10871	8.394142	23.24382	11.57295	29.97653	14.01651	6.147251	NA	4.613513	7.166484	4.495694	4.736698
CUST_55608_PI429010886	M110944	0.000125354	21	15						47.92699	53.69322	49.58225	47.88053	35.17211	50.28629	26.68249	26.86103	27.67043	39.36134	33.59889	45.96012	53.39865	41.84178	57.30284	68.69203	61.25771	57.98766	37.43054	42.64535	53.13079	52.05076	39.85654	56.53387	56.60172	33.83846	45.9512
CUST_50058_PI429010886	M88452	0.000125659	12	3	521027703	CUB and sushi domain-containir			4.33E-10	82.39127	58.22453	83.11893	130.3258	75.66353	103.1504	98.57909	223.3777	114.6993	66.07592	41.60531	46.39504	29.37844	126.1572	48.11395	192.1667	151.6707	266.8703	100.8962	53.56063	102.3598	75.45664	46.64371	39.29429	130.0993	92.52233	85.64416
CUST_44563_PI429010886	M66327	0.000128284	15	6						57.29374	64.2158	46.54974	48.21771	33.53246	50.60801	87.75883	79.49714	73.42732	65.63872	27.12725	53.087	44.31933	44.83771	42.92276	57.1768	57.58975	55.63811	70.72448	65.27026	59.26363	53.13532	77.49407	74.94714	47.80328	50.22696	69.29751
CUST_38706_PI429010886	M29290	0.000128392	24	15						721.4643	347.2002	352.227	114.5184	79.07706	92.62501	1214.037	659.603	1066.406	900.553	487.7778	125.025	744.5255	705.4218	412.9087	3284.996	1543.558	2757.04	635.1199	1071.939	1628.405	848.0782	33.7495	640.9263	796.612	232.9121	467.458
CUST_6641_PI429010886	N20390	0.000128392	24	15						85.98865	117.6651	119.713	53.73825	83.40132	61.87915	80.42543	123.988	130.2699	150.6257	113.4582	32.52246	143.1622	121.3554	125.3097	139.6859	164.0887	168.7741	120.0145	105.7112	125.9947	123.4933	115.4443	140.549	135.2901	76.21108	114.6239
CUST_19724_PI429010886	N42071	0.000128432	15	9						37.64058	42.88477	33.28109	29.06179	22.80532	35.13452	21.06721	33.02453	39.45708	52.16829	53.54287	61.26619	43.45077	41.56038	47.9205	53.35547	34.43069	49.9905	27.87026	36.40731	36.25072	36.49381	23.48629	58.84073	104.2173	40.19911	102.1933
CUST_53718_PI429010886	M102905	0.000128739	21	0						326.855	359.6695	352.8279	263.4946	200.0776	226.3778	212.9726	196.6122	226.0802	345.0411	283.351	213.5563	258.7813	228.9149	252.3	246.3057	342.9765	231.0435	266.3762	311.1974	265.9831	349.6396	347.1137	316.4278	341.6702	324.3008	407.4228
CUST_37834_PI429010886	M21809	0.000130081	24	21						48.6216	63.01324	70.14984	37.73322	42.316	32.32834	46.28626	56.33633	62.08412	58.97313	39.93038	37.82991	51.38302	43.77016	54.31269	47.03106	40.69275	61.4292	61.45632	69.34953	78.48989	86.51281	72.79587	74.81691	59.43294	59.73624	69.06046
CUST_17096_PI429010886	N37354	0.000130097	21	15						4.952547	16.81757	12.14006	13.66542	13.07681	13.08993	10.21986	11.23239	7.565346	9.849381	14.80803	14.88353	16.10664	7.808788	16.99789	15.36855	17.83378	24.08402	18.7288	14.73812	20.65942	NA	14.67376	16.0845	11.56593	11.2226	10.86736
CUST_43840_PI429010886	M64131	0.000130392	24	9	242006829	conserved hypothetical protein	Transport	Transmembrane transport	0.00000099	93.00549	184.9936	116.8305	264.2234	206.5859	218.8175	238.167	229.0002	158.0565	215.0483	190.1223	249.4346	177.1027	206.0425	115.5105	96.94761	215.4758	225.5545	46.13913	89.68248	79.57438	68.2334	169.6715	178.0895	95.173	186.728	184.9278
CUST_56174_PI429010886	M113027	0.000131771	24	15						103.0843	47.50128	62.196	20.01045	27.74342	8.722159	97.07924	95.93997	84.36167	100.1289	70.19469	23.2019	82.31732	91.46995	53.87582	249.5605	188.9335	176.549	73.7088	129.8849	108.8896	93.74241	12.8517	51.07791	106.7719	31.70434	41.71225
CUST_5662_PI429010886	N19006	0.000131771	24	15						206.8179	132.7868	136.103	141.6972	57.07543	80.58239	129.5473	230.4127	137.0649	303.7038	147.1038	88.42474	196.875	156.4627	98.93161	507.3489	307.7409	338.0427	262.831	226.6091	333.2833	273.8856	65.25923	222.6501	296.1058	87.85118	203.7183
CUST_33826_PI429010886	M7965	0.000132131	24	0						21710.8	21590.74	18273.52	11780.77	12288.42	9905.822	3890.917	8984.262	7225.192	17254.51	5502.319	7090.073	22598.48	4217.01	15340.52	15585.38	21398.95	5144.706	22847.77	13879.42	18235.97	31206.9	28120.27	21459.8	42900.93	25611.3	38719.75
CUST_7987_PI429010886	N22373	0.000133112	21	15						124.7151	709.9527	355.3919	246.0227	215.748	202.5102	539.9257	491.5182	526.8439	349.5554	181.0227	257.4304	385.6128	651.9522	388.031	587.0902	1354.492	1113.188	386.528	336.4491	415.6373	180.5859	269.4621	211.3776	191.3515	185.1157	131.0082
CUST_24777_PI429010886	N51235	0.000133426	21	15						20.82118	33.34145	16.71139	26.43339	6.742613	24.37229	63.72422	56.8797	46.9424	42.06094	21.49428	19.46418	55.51551	64.46055	42.6001	71.77497	64.39267	93.78493	42.26958	36.64369	58.06923	12.4535	27.23544	23.61619	23.15721	31.2936	37.87395
CUST_38200_PI429010886	M24096	0.00013387	18	15						511.0453	314.9794	246.356	112.669	64.60254	79.67772	414.9089	354.7453	384.6227	363.3984	194.5781	90.01966	434.0618	321.4419	191.1071	1544.613	569.3405	1430.525	335.0962	573.6451	870.8828	260.0376	43.17122	214.9733	414.7402	121.8531	170.3943
CUST_3900_PI429010886	N15523	0.000134978	24	0	443721341	hypothetical protein CAPTEDRAI			1.06E-13	60.63273	57.99332	62.71091	44.76603	50.3146	51.38302	40.16189	33.55937	37.50453	46.67638	39.50225	34.7801	43.32608	30.62762	49.48565	42.48109	37.78857	43.27193	54.0322	41.86801	38.62045	68.76743	42.4997	48.72562	54.73663	54.61235	54.1005
CUST_38842_PI429010886	M31115	0.00013515	24	3	149675211	cuticle proprotein proCP5.2 [Cal			1.43E-55	48051.75	1094.513	41865.42	57775.61	52165.44	59861.19	1560.774	3774.541	2361.017	42496.4	46875.63	48559.97	27665.22	26740.38	43701.56	424.0822	734.7144	593.3017	3715.857	3886.966	3706.021	44511.54	21710.8	39713.59	4565.036	12523.21	7714.571
CUST_28524_PI429010886	N58112	0.000135217	21	15						22.82225	26.89679	38.00971	18.39442	29.43236	22.52975	20.3727	20.80721	14.40631	23.69096	33.88276	23.74852	33.29588	27.47705	32.63627	30.77017	44.57504	37.8531	38.14824	25.87427	29.66835	29.47583	20.4836	27.65161	22.67247	19.61789	32.3182
CUST_3800_PI429010886	N15301	0.000135568	24	21						9.586868	17.36534	12.1946	7.082133	12.79576	8.350162	3.80698	5.542133	8.407667	16.10164	10.49733	7.344785	11.33295	7.266309	7.094278	9.550476	15.85755	14.81156	13.38008	22.87902	18.6092	15.53301	19.53794	17.25784	6.467201	17.54	14.80397
CUST_4235_PI429010886	N16291	0.000136247	18	3						70.95708	27.67304	95.9971	116.5916	115.1318	125.4804	32.63321	35.66495	52.15113	32.05226	57.48416	43.59179	68.75665	68.75665	67.18486	30.92216	17.87345	35.0396	43.34	68.99631	59.01526	69.05459	128.5661	97.16144	44.39167	65.97229	76.61576
CUST_33758_PI429010886	M7812	0.000136839	24	15						300.549	129.1152	193.3026	75.22137	28.56603	59.5633	1219.279	389.1575	1021.074	667.6928	437.5336	180.7742	222.4664	563.1838	114.4742	4140.108	1873.347	2622.032	845.9441	671.2531	1452.249	932.1979	17.52199	762.1289	821.2893	125.025	595.2796
CUST_6805_PI429010886	N20621	0.000136839	24	15						321.8126	324.2431	338.7418	316.0187	251.655	260.557	404.7958	343.8057	382.8	364.2049	288.3047	322.8267	390.6122	313.2852	350.2239	405.9933	385.9551	438.9261	299.1209	360.5101	380.83	368.8823	348.473	383.132	342.9247	295.6886	304.4188
CUST_34144_PI429010886	M8882	0.000140826	21	0	339254310	1,4-alpha-glucan-branching enzy	Metabolic process	Generation of precursor metabolites ar	5.62E-18	54.6004	45.53592	57.28678	54.36935	51.32137	49.21384	35.93556	47.88053	43.68293	44.79025	44.98933	43.70979	46.73349	33.03392	33.91504	35.13173	38.83274	39.09234	39.29873	24.04549	43.51485	60.26506	57.38746	62.3082	53.10397	32.50967	67.97224
CUST_50104_PI429010886	M88638	0.000142229	15	0						130.3258	153.1648	42.80558	107.7085	79.96781	111.1646	78.35549	68.21622	59.797	23.42954	18.45165	41.10401	72.55053	153.409	153.3857	110.3077	145.73	112.6234	129.9905	60.05066	98.19279	49.9386	289.0575	34.84867	31.93885	43.89958	13.46872
CUST_1994_PI429010886	N11264	0.000142631	24	15						193.7855	320.1071	243.3699	173.5608	156.2876	181.9587	218.5351	248.0205	271.3104	211.695	209.6968	183.5316	234.6515	220.1523	221.5335	231.3331	319.3967	299.9228	248.439	225.6261	271.4195	194.5781	223.1465	206.7386	196.2571	189.7104	222.5957
CUST_3083_PI429010886	N13755	0.000142798	24	18	321459356	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	3.24E-107	122.8067	291.3655	170.1187	95.75319	136.5009	98.65475	178.0114	167.1289	188.2604	199.7474	171.9376	99.2507	138.9709	184.5623	146.3562	235.9311	334.3239	312.4862	210.955	296.5728	363.2101	160.5879	223.2399	206.8179	200.7824	250.2264	205.143
CUST_53277_PI429010886	M101066	0.000143046	21	15						59.13513	34.6494	29.13534	24.91503	21.3198	19.49003	42.316	21.70891	24.98919	47.60041	30.04497	34.96168	39.4611	31.03777	34.57091	50.77134	35.78309	46.22189	41.18704	23.27568	40.25595	35.30149	24.22714	27.77843	29.01519	20.31011	26.99058
CUST_35273_PI429010886	M12112	0.000143933	12	0						35.95603	15.54734	27.97979	18.82259	6.940213	12.45733	18.0705	12.56182	14.59784	25.69361	18.78876	9.904747	44.90369	23.02558	27.10462	11.88037	8.931679	11.78126	17.39841	14.23813	13.62301	28.72644	21.85461	26.89377	18.09671	16.36409	38.18648
CUST_32023_PI429010886	M3029	0.000145032	21	15	13898841	CUB-serine protease [Panulirus a			0.000000605	1125.978	1415.173	1202.808	824.4785	657.9421	628.2632	1754.468	2239.116	2478.84	1240.711	1302.487	763.8013	2076.904	1620.506	1092.583	2103.097	2105.784	2294.993	1509.889	1238.715	1575.523	1122.574	863.8645	1289.967	1321.627	720.2377	900.3004
CUST_22445_PI429010886	N47040	0.000145032	21	9						65.19605	49.71921	50.60267	120.5417	125.8592	94.59748	105.3966	63.87134	61.89891	108.3596	102.2726	130.8473	94.51495	100.9673	105.946	88.74114	69.79048	89.30494	75.81657	76.49084	77.31152	80.61166	67.34563	76.19255	90.08744	84.75661	70.15908
CUST_36923_PI429010886	M17235	0.000145565	24	3						21.3436	20.45768	23.09017	40.63005	24.77785	23.63019	26.46648	20.13002	37.46348	6.063885	17.96345	12.31255	7.503112	14.32082	9.519989	9.506985	8.604047	16.44171	21.58133	26.0166	18.14784	14.39043	16.06359	20.81138	20.17982	19.43519	37.20056
CUST_2063_PI429010886	N11469	0.000145565	24	21						25.06929	22.47011	30.09371	35.32719	28.05953	27.54823	23.84404	21.9811	20.86102	43.13077	22.21596	17.56701	17.72698	17.07639	24.40659	22.91081	9.578088	24.58511	54.29543	41.42074	29.24902	84.28713	33.49837	72.81177	68.74828	28.98683	57.51884
CUST_12630_PI429010886	N29775	0.000145607	12	0						101.5579	107.4885	191.1727	67.31002	105.4292	104.437	69.79983	86.18133	126.3605	111.6419	123.0482	124.8106	132.6815	175.768	193.7076	81.56078	82.137	91.63916	100.4521	108.2394	118.928	137.044	172.4491	171.6937	134.1449	153.9033	167.7764
CUST_7994_PI429010886	N22389	0.00014962	15	0						3272.412	5131.503	2618.303	1136.139	1706.299	1938.89	860.0989	1012.36	1632.718	2928.861	56.70114	1979.658	4125.439	2732.247	3598.269	10209.43	5350.891	7653.847	2129.384	2787.074	3835.495	1213.608	617.0017	1819.509	11052.65	4114.144	5073.866
CUST_22260_PI429010886	N46708	0.000149917	15	9						1182.042	412.5149	1458.832	3135.16	1352.876	419.2614	1098.155	2320.751	3295.67	2816.959	6333.445	1580.709	4976.553	1337.377	1538.316	61.86512	66.2384	78.10699	3321.698	1923.884	4767.094	3460.858	10260.07	7900.843	4326.077	5826.27	10311.23
CUST_19369_PI429010886	N41464	0.000150432	18	6						9.280922	15.49957	15.41819	10.69163	14.41191	11.71679	32.28853	17.91133	17.4076	10.7159	12.47813	15.59668	6.001367	21.93249	NA	11.37944	6.306457	4.237098	9.295776	11.91014	18.50385	15.40578	18.27355	11.92197	23.59507	24.63804	19.84259
CUST_53330_PI429010886	M101298	0.000152557	21	0						25.2621	38.12534	21.77362	30.6586	20.97645	21.04316	15.82272	30.84622	18.36487	17.46742	19.51476	21.0238	18.96877	16.79507	14.97194	20.68379	26.10261	21.44313	14.93971	19.86079	18.34559	26.56674	32.51285	27.96875	21.1126	19.57461	25.22202
CUST_45216_PI429010886	M68365	0.000154511	21	18						11.30453	19.72473	22.75502	10.96971	10.13279	5.339243	6.298914	15.72841	15.82272	10.30948	10.42743	11.1896	13.91913	15.63819	16.68416	12.77646	31.83006	22.5758	26.22059	23.92527	20.11384	8.687501	21.45593	22.45014	10.21488	6.921979	16.12259
CUST_4043_PI429010886	N15869	0.000154621	24	3						23.5588	15.19323	23.67523	21.21298	317.2644	183.166	8.005861	14.06254	16.71925	13.95493	123.0345	101.334	NA	56.36738	76.36789	7.168799	14.16584	5.956757	5.865277	8.525673	4.962987	7.865315	11.48082	11.91165	9.981463	18.60288	8.984476
CUST_38971_PI429010886	M32801	0.000155683	15	9						3561.33	1441.224	3975.62	10311.23	4499.92	1084.752	4852.406	5284.133	9791.81	9226.663	14828.55	5137.74	15553.93	4772.224	5807.4	234.6515	143.1622	307.9283	10987.48	7769.948	14256.4	13790.46	23016.75	16553.17	13812.43	15585.38	25888.13
CUST_47865_PI429010886	M77925	0.000156066	21	15						15.35881	9.203065	9.71776	34.85212	12.7792	48.27587	31.02035	22.57786	27.96022	23.09515	34.58873	13.26584	40.83466	33.45999	35.38735	88.98877	60.71646	28.03915	44.83298	11.97624	37.38952	11.33713	22.9969	10.60299	13.72622	17.79852	10.16395
CUST_24466_PI429010886	N50674	0.000156112	24	0	29134779	projectin [Procambarus clarkii]			2.85E-54	37.44599	40.68416	42.42056	27.1479	38.48209	37.09003	19.96477	26.29331	19.93458	22.10476	18.48914	30.36386	35.32216	33.3478	31.11011	33.75905	32.83178	31.1591	35.32719	30.92873	47.14137	26.97869	42.70736	48.38982	43.69757	36.41438	48.91741
CUST_25562_PI429010886	N52649	0.000156114	24	9						39.52957	21.88339	19.04623	28.14237	21.22177	33.08424	15.88417	28.81419	20.18794	35.93556	26.32889	29.72388	22.00575	31.98798	16.0336	14.32405	20.9364	13.74955	8.651473	5.859138	8.035027	15.41819	10.68195	16.70829	29.82341	18.79971	13.31624
CUST_51515_PI429010886	M93809	0.000156254	12	3	345488143	PREDICTED: carbohydrate sulfot	Metabolic process	Carbohydrate metabolic process	1.66E-09	15.72693	43.00281	NA	35.29764	NA	37.9908	32.71622	36.29464	17.25616	23.12555	19.94147	9.9869	28.71759	51.53986	29.40702	80.12221	92.95196	66.96376	36.02118	5.75072	29.79347	7.107604	27.83932	12.87353	44.70872	39.56727	NA
CUST_29910_PI429010886	N60802	0.000157111	24	6						11.82291	14.83214	9.815468	6.68956	9.187163	15.78015	17.9285	12.00032	13.23504	12.63505	16.19225	11.52408	8.473586	NA	5.368642	8.433282	5.210289	5.441289	NA	4.979025	4.976733	NA	7.340202	7.713675	9.032116	7.608242	7.336788
CUST_34641_PI429010886	M10217	0.000157566	24	21						2670.787	2674.816	3017.306	2933.397	1790.499	1598.489	1228.932	1472.69	1146.806	3095.903	1537.641	1698.955	2708.146	804.0438	2017.363	2276.393	2210.04	771.7617	2811.043	2194.43	2765.552	5125.495	3212.539	4058.337	8846.332	3777.656	6854.464

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_23739_PI429010886	N49374	0.000158311	24	15						12.48707	12.12405	10.95928	17.23263	17.26844	13.31417	16.98717	19.82019	10.44732	23.78991	16.99096	9.815468	23.93863	20.99116	16.60231	28.55984	19.1261	27.74851	24.07838	22.52125	23.4544	16.11271	15.7218	19.04623	15.55385	13.14544	16.75338
CUST_39309_PI429010886	M37533	0.000158625	24	0						4319.299	3960.355	2940.045	2519.472	1584.461	1592.484	1356.93	1754.468	2075.256	4545.107	2159.534	1929.095	2355.337	1292.456	1580.709	1733.335	2539.976	1144.272	4000.901	2645.058	2571.491	5166.879	3702.472	4217.01	7993.785	5558.806	5833.315
CUST_6558_PI429010886	N20268	0.000158637	24	3	345479564	PREDICTED: wee1-like protein ki	Protein metabolism	Cellular protein modification process	6.34E-95	15.19175	11.13644	14.38486	26.21426	15.82424	16.81027	10.5238	9.419511	NA	8.809458	11.3488	12.60408	14.47877	13.27388	7.840494	7.698781	4.502353	5.446073	3.8005	8.649765	3.855481	14.64829	16.81592	6.695947	10.11713	10.62708	9.411311
CUST_8814_PI429010886	N23632	0.000159657	12	9						98.46402	19.06607	80.91667	184.1143	76.3423	80.96563	41.85107	70.332	54.31927	259.0732	674.8039	241.8418	211.9389	128.8445	131.1212	18.95217	19.0327	19.73488	102.6964	76.6076	75.55461	340.1047	530.8049	455.9995	129.3882	391.3071	386.6278
CUST_53749_PI429010886	M103047	0.000160333	24	21						71.75645	76.53128	62.34647	42.88477	61.95078	44.03643	32.2766	132.5156	81.98831	24.76487	33.21716	48.68211	33.13557	27.18421	21.23607	49.22608	87.03898	45.73174	39.05213	35.91186	35.59906	104.3412	91.85221	93.57741	85.25564	50.84751	98.94639
CUST_292_PI429010886	N3553	0.000161604	12	9						9684.529	4889.847	10464.54	11974.32	7021.693	6515.192	8644.801	8334.379	13360.37	12496.19	17254.51	11780.77	19960.25	9684.529	11052.65	720.7726	527.3184	772.0259	17345.96	14764.65	17453.24	19052.86	29725.44	27832.29	11206.93	16070.74	25247.34
CUST_41927_PI429010886	M58897	0.000161943	24	18						103.4513	69.37968	82.00982	63.43943	53.19546	52.8068	98.17006	65.63171	76.36789	115.9671	67.69664	113.3707	113.23	111.5206	165.6517	154.4269	87.36259	182.9511	227.7173	105.9124	140.2224	147.3274	95.22353	100.9118	120.7668	108.3124	121.0405
CUST_2428_PI429010886	N12327	0.000163272	21	3						110.0054	58.55963	162.1415	192.1066	95.21224	172.8416	72.63288	86.83154	136.2005	91.47922	139.4798	96.58233	168.4308	47.64701	103.4374	41.84178	40.60853	45.33911	83.79749	85.90563	124.7762	168.511	147.1247	191.3796	137.7644	174.1094	251.655
CUST_40024_PI429010886	M48768	0.000163325	21	9						26.00555	19.21128	37.44318	29.77371	56.01896	5.256252	90.50145	78.62482	59.00011	72.55053	166.0161	33.31109	27.08528	135.2901	62.40045	11.62724	61.51056	12.72035	16.73229	14.82588	16.57521	24.32624	29.0511	15.14057	NA	34.03486	29.6926
CUST_52187_PI429010886	M96683	0.0001651	15	0						36.90197	43.80331	NA	18.44379	NA	32.70202	38.58803	9.269929	31.74988	14.05555	7.264645	NA	25.3148	7.523467	27.09821	69.66595	43.37645	21.9474	42.2303	NA	33.23134	NA	30.14806	NA	8.58477	9.903662	2.88368
CUST_38112_PI429010886	M23418	0.000165498	12	9						12211.42	1330.649	12191.65	24040.66	5284.133	10352.54	4499.92	4388.629	8269.17	20762.38	19635.13	20059.08	29520.35	8451.427	15673.03	300.3594	109.3748	476.0531	13635.69	8227.781	11780.77	30721.41	35022.2	32969.41	16252.77	16106.84	28943.19
CUST_11960_PI429010886	N28693	0.000165528	24	3						1328.27	15.67952	1257.339	1764.635	1001.688	1321.627	9.066919	65.7755	61.77408	363.5741	305.2389	333.7063	229.1648	57.27204	226.205	4.9725	29.02458	12.85346	11.19367	35.07134	41.95139	542.3764	145.0185	319.6543	172.9496	NA	209.0675
CUST_18306_PI429010886	N39544	0.000165725	24	0						17.22926	25.19867	14.67792	10.83531	8.177364	NA	6.908019	17.18912	14.16364	19.36587	9.13994	12.04777	5.059873	NA	11.83302	4.606356	6.256607	4.416366	8.829167	5.944674	4.39103	NA	5.727894	9.05635	14.64996	16.42269	21.37846
CUST_48078_PI429010886	M78789	0.00016632	24	3	241716804	RB13-6 antigen, putative [Ixodes	Metabolic process	Other	0.0000006	197.796	11.30326	187.5751	274.5666	128.5506	244.4841	20.96269	12.48201	11.35899	35.87747	108.298	144.058	34.48395	83.97595	135.2901	15.9111	11.76708	11.18301	8.822371	9.05285	9.848403	52.05686	17.97466	35.40359	45.95593	18.94246	29.67188
CUST_26083_PI429010886	N53628	0.00016632	24	21						21.89409	28.39888	23.75813	20.62453	27.90262	19.5987	18.54665	10.81711	18.60288	23.25613	12.84632	17.90327	21.82795	13.48819	24.96583	23.76471	30.31074	39.84152	21.49936	24.56549	20.45768	36.34979	27.27615	36.63747	25.10206	25.63724	32.55747
CUST_11810_PI429010886	N28439	0.000166662	24	15	321473475	hypothetical protein DAPPUDRA			1.85E-18	44.31933	43.99925	65.93698	54.71691	73.12505	61.60595	41.72651	43.25692	36.56104	66.59115	37.4753	72.30147	43.0146	66.53367	56.87317	95.95298	80.64549	115.0551	66.06005	78.21211	62.49633	72.48391	75.34564	84.45954	79.72468	55.86654	69.41702
CUST_37890_PI429010886	M22076	0.000168005	24	6	498785	PAPI I [Pacifastacus leniusculus]			6.34E-33	227.7726	331.9294	223.7905	550.2129	492.5086	546.6865	1553.379	980.6718	866.8631	1050.367	351.2785	1054.373	537.5716	808.5577	297.188	209.031	595.1579	717.9895	166.5631	360.6967	207.6942	165.4536	477.3178	424.6765	97.52903	424.3124	403.4693
CUST_38058_PI429010886	M23122	0.000168384	21	12	196000326	hypothetical protein TRIADDRAF			4.53E-21	21.37846	27.79405	18.57121	268.7276	149.73	96.97291	180.5334	82.60618	223.5617	48.5966	294.9139	178.576	247.1999	76.36789	203.8839	28.30304	98.14527	107.2586	146.8225	93.35268	240.6532	8.596616	24.11615	15.3929	26.69535	62.16088	60.18712
CUST_37949_PI429010886	M22419	0.000168508	24	3						773.6805	569.3405	578.5106	1006.869	1139.062	1250.489	727.7655	900.3004	591.3029	878.8076	810.6462	942.7053	751.8458	549.679	1008.089	472.8686	433.3852	458.4811	303.4454	658.7898	262.9461	745.3715	534.1168	798.0084	417.9126	813.5332	562.7989
CUST_12986_PI429010886	N30396	0.000168508	24	21						44.56728	21.34009	28.49131	22.89373	22.02084	31.53769	29.33369	16.72797	19.78464	31.67008	27.2791	22.98107	43.22841	33.36729	34.48922	38.61632	33.53619	43.42121	65.12931	30.48738	33.95508	78.04556	36.99237	43.26708	44.61738	25.81487	35.28538
CUST_38749_PI429010886	M29975	0.000169393	12	9						8378.475	727.4839	8683.686	15967.93	3702.472	7337.918	2704.306	2583.285	5119.273	16726.21	13098.74	11719.99	22092.06	5966.983	11179.97	181.8309	73.53729	266.9539	10156.68	5726.275	8698.04	20662.81	23820.74	23324.95	10277.01	11179.97	20099.82
CUST_87_PI429010886	N699	0.000169393	12	9	426237987	PREDICTED: keratin-associated p			0.000000513	11588.48	1134.386	10311.23	21177.49	4934.022	8121.327	3193.902	3426.429	6791.114	21710.8	13906.34	15731.96	24040.66	6481.59	11588.48	246.0227	101.6403	333.2833	12765.38	7147.632	9629.338	22658.35	27210.5	24721.57	12043.33	10727.23	18758.28
CUST_143_PI429010886	N1541	0.00017134	12	9						13360.37	6956.592	17771.79	15871.24	7546.585	9653.786	10090.54	11052.65	17287.24	17210.94	19791.01	14307.54	22658.35	9285.648	17453.24	2719.085	3664.856	3992.329	17692.35	13737.98	17771.79	21922.49	23658.24	23231.4	11719.99	14982.33	22279.42
CUST_55423_PI429010886	M110026	0.000172431	18	3	353228410	Schistosoma mansoni strain Pue	Cellular Process	Cell death	1.69E-61	372.1298	249.0225	907.3817	1450.664	243.1406	1046.706	58.89558	230.4612	96.60811	61.76701	38.77522	38.87535	75.49296	639.8078	167.5116	80.36141	245.4997	92.53323	169.3049	161.9294	42.34791	641.1736	244.6301	193.6659	181.9587	198.0524	80.76921
CUST_54318_PI429010886	M105551	0.000172885	24	18						7643.683	9056.645	6421.864	5578.907	2640.776	2820.736	10448.35	6265.89	8284.715	6179.344	3387.12	3452.681	11588.48	5751.95	4672.963	12699.11	9923.978	12141.91	16288.46	12605.8	15012.16	7721.817	10550.02	7558.705	13685.2	12699.11	10464.54
CUST_51355_PI429010886	M93237	0.000172885	24	21						162.7381	192.1066	198.9127	102.1108	151.5412	85.785	50.59749	85.07992	97.47634	170.9641	163.6128	126.2375	213.4477	144.5793	189.1569	145.5507	188.5193	110.0991	278.9665	185.3668	134.27	402.436	202.9634	194.9048	404.8745	128.179	244.6301
CUST_2624_PI429010886	N12783	0.000172885	24	18						92.31393	164.5654	166.7877	125.2728	119.4286	104.258	158.0791	153.6189	169.9145	160.217	142.0375	130.3988	168.0943	144.7781	150.9231	159.1789	197.088	209.8119	173.1388	181.2583	221.3966	142.0036	141.4085	171.8413	154.6661	138.5034	179.0245
CUST_720_PI429010886	N6913	0.000172885	24	18						5197.224	7138.174	5856.992	4863.888	2466.158	2598.143	8818.425	5407.94	8945.499	4616.026	2858.309	2904.283	10294.69	5110.752	3827.862	10727.23	7861.824	11475.48	14100.35	10277.01	11836.96	7303.286	8296.544	6533.018	10178.51	9791.81	9684.529
CUST_8651_PI429010886	N23359	0.00017296	21	0	110763495	PREDICTED: MORN repeat-conta			9.85E-63	823.7754	977.1077	896.981	825.0827	612.5918	538.4885	499.0568	582.1367	543.6971	675.6901	720.7726	523.1285	808.8122	587.5636	830.4195	577.5373	939.9518	641.6007	728.0598	661.1838	626.641	1004.431	905.0625	950.7112	867.6626	727.0088	1065.144
CUST_35881_PI429010886	M13798	0.000173132	15	6						845.9441	473.3422	1415.173	709.9527	450.1126	243.8189	2646.596	1310.327	3843.133	1035.146	1875.312	750.0607	2201.915	783.6564	1071.049	178.6979	185.0545	222.0531	1855.874	1694.196	2114.8	2110.599	3495.947	2738.485	1818.148	2061.689	4349.21
CUST_21171_PI429010886	N44762	0.000173287	12	9						41.8114	39.6267	71.66506	37.44318	33.67973	31.36919	49.12781	26.23532	47.94598	64.66012	69.11926	53.22588	51.56297	51.48244	51.05459	43.15923	37.21408	52.06198	62.34647	44.24302	60.50917	67.48124	66.26258	108.7426	56.28495	39.55139	90.74217
CUST_53821_PI429010886	M103323	0.000173478	18	0	229892279	uncharacterized protein LOC100	Transport	Transmembrane transport	2.51E-10	42.20483	34.44551	40.76682	37.40246	16.50439	33.39499	22.45692	32.50381	32.49411	18.08639	19.26106	15.65876	19.95957	12.97286	8.440387	18.55929	25.1	32.42666	23.34012	50.93881	49.65645	15.73263	38.09775	25.45483	15.43474	38.03345	25.76854
CUST_23503_PI429010886	N48942	0.00017395	15	12						29.36452	39.86153	23.8882	15.62519	20.96992	9.232864	21.2559	31.14654	31.23137	27.0245	34.11681	52.41365	37.01424	33.54781	34.60522	35.89334	43.84283	47.16128	22.49747	18.44774	26.90764	23.99454	30.03343	29.95843	41.38164	24.34505	44.10093
CUST_35615_PI429010886	M13024	0.000175457	21	15	383858515	PREDICTED: protein fat-free hon			1.42E-46	78.12052	149.786	84.48811	91.6033	84.29772	53.14759	44.58927	58.79368	20.10181	124.2158	83.75475	71.89808	69.10515	109.6621	117.3251	116.0279	143.144	139.5639	109.6359	100.4234	82.9019	119.6392	64.13867	91.6033	50.96545	71.78767	107.567
CUST_4428_PI429010886	N16735	0.000175686	21	15	321476145	myosin heavy chain isoform 3 [D			2.07E-44	174.0123	136.424	146.5694	188.0176	170.9048	163.3644	161.4729	143.8649	137.9345	173.1143	109.5487	123.263	178.5273	143.9614	94.85229	221.8149	237.835	229.5682	214.2511	190.5205	290.029	224.1099	192.9931	190.7291	177.9078	132.0358	142.4297
CUST_3251_PI429010886	N14108	0.000175785	15	0						33.4748	31.28202	NA	52.96326	6.937084	58.75919	26.6468	7.484013	20.52844	5.088426	9.880999	4.790585	18.37444	71.06688	22.74972	69.84655	35.48951	33.90697	29.27204	9.83045	26.30298	12.80959	31.53193	12.55197	7.479546	6.993373	NA
CUST_19659_PI429010886	N41961	0.000176127	24	21						10.77609	9.342102	9.75683	10.45586	NA	9.05285	7.444772	8.565689	8.072209	5.243557	6.273022	8.188093	8.734334	6.652007	13.02868	17.75966	7.319642	9.614822	6.871633	6.432193	12.83426	24.4823	11.87453	19.99907	12.06381	8.334969	18.59753
CUST_5455_PI429010886	N18727	0.000177262	24	3	321472375	hypothetical protein DAPPUDRA	Signal transduction	Cell-cell signaling	6.11E-19	76.16835	50.32489	61.15056	105.3673	79.37286	81.75003	67.78785	57.9604	77.59604	70.38705	46.69101	56.18757	78.8865	56.15909	89.13599	51.36995	41.08386	37.22016	49.87102	37.71176	33.1947	71.28516	36.1335	53.73347	40.51538	49.23962	39.35783
CUST_7673_PI429010886	N21899	0.000177262	24	3	321455993	hypothetical protein DAPPUDRA	Metabolic process	Other	7.62E-60	44.3077	30.31506	42.9547	52.33176	61.65559	50.36291	37.7689	45.1102	43.98563	31.58885	39.79966	36.6589	40.92146	44.43314	34.90937	39.96323	29.29243	39.22978	19.04208	32.75774	28.28196	44.35011	41.50754	43.35728	29.66274	33.25783	44.9498
CUST_12314_PI429010886	N29276	0.000177262	24	3	380029118	PREDICTED: uncharacterized prc			1.3E-30	53.29185	38.62045	58.84948	66.83189	85.72132	100.4643	45.72512	54.39842	49.37308	64.37978	44.92669	69.66595	71.97753	44.39167	65.69754	37.77333	37.09773	31.96059	30.93515	41.75149	28.93482	53.8516	51.18755	61.70924	37.03485	51.7695	54.87487
CUST_53053_PI429010886	M99919	0.000177411	12	0						128.3075	94.36986	99.56289	62.88268	64.91949	47.66075	41.81524	45.40562	59.21121	54.90594	93.14583	72.67801	78.15502	68.88761	96.47869	100.264	75.84873	78.49976	49.18092	64.46055	56.75304	107.5789	85.27841	92.16269	89.91214	90.35029	119.7806
CUST_37467_PI429010886	M19131	0.000178775	24	21	321455420	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	9.82E-92	1722.827	1818.148	1964.046	1721.8	1302.487	1206.945	917.5193	1489.353	1155.769	1604.901	1147.873	1042.748	1843.608	746.7514	1338.68	1451.369	1792.472	534.4784	3232.565	1640.994	2420.859	2519.472	2895.969	1950.295	4048.748	2466.158	3783.527
CUST_33442_PI429010886	M6896	0.000178775	24	18						13.62679	11.10263	14.04923	9.994225	10.38364	8.203427	3.742775	9.03778	6.485846	14.38127	12.32463	22.77868	22.66351	16.46161	12.14425	11.04536	16.38009	16.98896	17.53785	18.87745	17.2724	14.95707	8.982204	20.41963	14.98689	11.09687	13.12953
CUST_36404_PI429010886	M15810	0.000179293	15	12						757.1366	857.1902	1019.08	663.1483	527.3184	594.6179	570.8807	702.7679	609.2645	677.9076	756.356	656.7134	903.1163	845.9441	802.1705	601.1087	854.1319	648.9592	580.6289	601.5188	558.2968	691.181	582.3778	645.8971	592.215	886.7077	805.476
CUST_31817_PI429010886	M2483	0.000179928	18	3	193676271	PREDICTED: kelch domain-conta			5.58E-32	35.22067	56.70114	69.71083	63.07317	38.85319	75.76283	43.18058	57.98315	59.15199	32.86579	38.82052	29.0511	33.3824	29.71551	48.16684	41.20908	62.5781	58.18757	43.30339	72.96939	61.295	82.50222	68.55444	73.39156	61.60595	73.10715	16.71379
CUST_50120_PI429010886	M88705	0.000179928	18	15						24.78354	14.49982	23.32746	12.87704	19.35085	9.141868	12.23088	19.90569	23.51553	38.00456	28.8005	20.9364	12.97492	25.84066	27.95476	50.75534	37.84952	34.62846	19.59198	22.9881	27.32212	12.63354	12.43008	28.0193	19.46418	20.77024	24.26872
CUST_8968_PI429010886	N23867	0.000179942	24	12						79.14448	88.85544	111.4946	94.1914	83.9852	74.18947	139.755	85.19452	136.3336	144.5615	126.521	150.3467	176.9444	138.5034	147.2789	177.9861	133.196	165.2368	159.9018	94.95617	121.9486	128.797	101.572	113.823	134.7975	87.63468	153.0208
CUST_48239_PI429010886	M79483	0.000181258	24	21						52.98141	92.32672	52.53638	40.28522	30.01509	21.71446	42.78996	46.64691	48.27158	37.09003	29.01782	39.05992	102.5557	37.8045	32.78884	64.65354	75.53689	64.02245	89.47762	77.96514	48.54356	93.29743	79.81483	81.4582	41.50754	53.21446	53.33381
CUST_38783_PI429010886	M30336	0.000182706	12	9						28.67152	15.88853	36.56941	532.6369	422.8235	33.4688	375.5874	267.0346	313.6779	1488.548	3175.147	1041.894	241.4743	249.9933	151.7575	16.1942	47.61057	17.67823	7.370654	378.9491	633.4883	1631.254	420.3226	1294.853	12.26172	12.93513	19.71264
CUST_13413_PI429010886	N31133	0.000186224	24	3	512950785	PREDICTED: plectin isoform X6 [			1.05E-11	25.5836	32.70202	25.5566	42.82003	56.72705	65.50385	31.58885	28.8864	28.47101	35.99566	30.96768	53.76691	20.568	33.99416	35.83737	23.98146	15.62701	25.0378	25.28008	25.2621	19.10119	30.99477	25.9824	32.11277	24.79879	31.11011	28.9184
CUST_30054_PI429010886	N61090	0.000186394	12	0						37.82991	32.09525	53.04738	20.66998	22.96931	17.69464	16.80584	23.50843	22.01795	12.78825	33.2543	25.28249	36.45739	30.08709	33.80478	22.06613	28.1014	19.92192	14.57376	22.0686	21.61569	31.07591	40.80836	25.97276	27.89685	29.4873	98.70542
CUST_12916_PI429010886	N30263	0.000186465	24	21						38.49859	31.91281	48.20502	30.32915	38.93757	33.87813	28.54797	28.67393	52.56738	45.69732	43.58292	40.97531	30.35985	38.39235	44.85722	59.797	46.62193	57.01672	65.30254	78.80045	68.27965	79.02299	58.33297	68.08811	82.34733	28.18616	56.32908
CUST_36492_PI429010886	M16052	0.000186641	21	15	501415066	C-type lectin domain-containing			1.27E-17	226.6524	209.1018	242.8747	284.5651	242.833	232.8383	282.8745	293.2877	274.8211	369.4099	300.0533	373.3349	308.7489	303.4901	259.3203	435.731	317.784	464.5257	241.9195	284.4024	324.6618	263.6527	185.2204	290.7989	320.2208	189.0814	291.5804
CUST_42411_PI429010886	M60209	0.000187425	18	3						90.52573	99.34395	87.74995	120.9827	88.27501	111.3972	109.561	111.4113	98.07401	71.45149	69.45139	72.08616	98.32351	78.66288	65.97229	108.8028	94.87741	87.98812	110.5494	73.08823	84.12527	113.1748	124.4425	99.93518	83.12776	87.33991	104.6457
CUST_23541_PI429010886	N49004	0.000187425	18	9						17.83143	15.19667	21.10822	16.57982	46.45178	25.17932	25.60467	18.13805	19.79478	32.03079	49.35536	54.37537	29.33369	26.88183	27.9125	19.64055	28.25712	23.40815	24.44847	17.9492	16.36771	25.71638	23.5397	19.8984	24.37455	28.29802	24.28968
CUST_53798_PI429010886	M103232	0.000187641	18	12						38.17853	36.37398	34.4378	17.33337	20.01976	13.68381	25.89606	25.35952	30.83657	28.81419	28.35562	28.16647	40.3254	35.97078	29.64248	47.62949	36.42929	24.91804	32.14243	21.21298	13.21612	16.41161	20.30456	16.42417	39.63021	25.33441	38.27451
CUST_50549_PI429010886	M90237	0.000187654	18	3						24.71696	50.1322	34.63788	71.93885	68.06818	81.4132	40.96379	53.71014	42.23497	47.42663	43.31704	50.1877	49.364	34.17741	33.92477	38.27962	51.52222	61.04906	67.66335	64.75498	56.33633	73.23385	69.63156	48.9712	51.03976	66.31026	58.36343
CUST_1632_PI429010886	N10288	0.000190373	24	18	270014040	hypothetical protein TcasGA2_T	Metabolic process	Carbohydrate metabolic process	9.86E-107	2511.558	2247.929	2066.858	1754.468	829.47	968.7419	2367.057	1944.792	1927.794	3060.056	2197.153	2006.118	2020.363	1510.508	1883.877	3808.458	3250.257	2853.1	3373.758	3175.147	3193.902	1769.667	1882.752	2359.281	3145.521	1638.477	2480.784
CUST_44455_PI429010886	M66038	0.00019119	24	3						227.8584	22.94579	160.139	419.4465	472.8686	515.2465	24.65528	40.35274	13.71845	287.9808	388.382	468.8585	110.3861	193.2061	289.3915	5.278973	6.774828	6.766809	8.203427	45.86429	12.24986	231.374	78.74455	233.7667	15.14334	102.1002	92.88966
CUST_8068_PI429010886	N22493	0.00019119	24	21						45.90992	48.2963	57.59663	37.43476	25.23371	18.2969	41.38631	42.34405	67.01762	22.49527	27.37466	23.70162	65.72115	32.80252	30.58943	19.85649	31.84882	43.27654	79.25889	56.52239	63.41449	67.15403	83.53855	82.03251	31.61388	40.16939	80.52797
CUST_24297_PI429010886	N50377	0.000193673	24	3						79.93916	46.28626	58.18021	109.2373	99.99679	100.2134	88.75	41.81524	49.94405	108.374	68.35388	81.72936	65.29504	69.03939	72.00199	39.66978	49.23192	45.93656	55.58555	53.45027	59.37073	72.03186	68.60832	55.60957	55.55609	86.70327	71.64925
CUST_1207_PI429010886	N8833	0.000193673	24	3						2184.345	1765.847	2356.919	2547.238	3140.215	3706.021	1577.474	2419.664	2452.653	1605.911	2744.675	2439.09	1597.44	2489.305	2472.65	1065.144	1050.844	941.3897	1127.686	1719.004	1016.824	1420.017	1635.354	1449.959	912.8746	2033.334	1255.327
CUST_16337_PI429010886	N36065	0.000194952	15	0						52.22249	70.14984	56.32908	46.03411	62.03291	36.26885	26.21182	45.21941	28.09462	42.6001	60.04487	53.94311	51.47751	44.6746	56.24698	54.54964	73.50942	73.79944	37.81203	51.8805	51.14752	42.54185	51.03976	49.08691	44.91446	42.75542	50.8191
CUST_12973_PI429010886	N30373	0.000195589	21	0			Nucleic acid metabolism	RNA metabolic process		11.39786	20.47681	17.15642	10.27866	7.638129	12.05475	14.90046	13.92996	10.72533	6.198566	3.966345	3.989228	7.938175	6.984847	5.37232	4.878495	13.73044	17.24504	14.12155	9.336607	8.32998	15.85451	13.34535	23.70418	12.05333	16.98352	13.28376
CUST_55309_PI429010886	M109516	0.000196156	24	15						27.97586	23.69946	36.41874	36.58087	33.17225	29.44247	60.00388	41.58423	36.56623	37.53076	23.84965	33.746	37.77999	36.63747	39.36134	46.83625	48.80597	44.10584	43.86651	42.6775	42.70736	43.56248	38.74886	37.95648	35.7142	35.53128	40.38904
CUST_41471_PI429010886	M57812	0.000197389	15	6	321458428	hypothetical protein DAPPUDRA	Metabolic process	Lipid metabolic process	4.45E-59	22.52125	17.50958	16.77811	31.47125	24.90228	30.68536	26.65221	24.05806	35.14671	25.90137	22.39995	25.81236	26.56161	28.11335	23.86873	20.23215	15.37628	16.09693	27.46007	23.02109	24.09442	27.48203	27.1944	40.97531	28.17748	17.08471	26.63581
CUST_11207_PI429010886	N27444	0.000197421	18	6						971.9693	232.9982	1191.479	780.4581	488.5919	239.2973	3525.214	1149.369	4334.63	792.599	1338.68	694.9037	1680.655	865.0124	643.379	452.3252	123.305	490.8866	1544.613	1181.431	1605.911	1492.942	2330.806	2090.105	2696.535	1889.404	5336.579
CUST_37346_PI429010886	M18730	0.000198639	24	15						14956.1	22946.38	13635.69	11455.94	10550.02	11112.95	19960.25	18146.2	19855.57	17424.76	13532.16	12648.44	17424.76	18198.77	16520.01	19522.5	29294.9	25888.13	19434.65	20708.31	21177.49	15673.03	19679.49	16954.37	19150.48	14885.24	18522.28
CUST_4345_PI429010886	N16556	0.000199728	15	6						1397.328	482.8348	1927.794	4173.107	1792.472	621.9301	1575.523	3940.028	5973.032	3664.856	9937.479	2302.573	5879.268	1976.903	1927.794	60.45821	55.94559	71.70119	4388.629	3696.265	6922.365	5502.319	13685.2	12605.8	5317.598	7769.948	12743.08
CUST_10433_PI429010886	N26222	0.000199973	21	0						603.0231	289.9679	601.9971	327.8924	372.7272	340.2357	194.8463	280.0406	246.1645	294.6856	310.9804	304.9349	309.9338	263.4524	309.878	201.0489	279.1951	205.8558	266.9539	307.8719	326.9964	457.5988	375.1194	520.7346	268.6876	322.75	404.5068
CUST_27597_PI429010886	N56345	0.000200752	18	12						9.069476	6.180949	5.916949	8.884176	74.21946	17.40265	11.31857	NA	6.656681	14.71976	61.81014	76.88599	10.78499	113.187	100.8962	9.470236	6.62957	6.567996	5.060452	6.204836	6.946877	10.06884	11.56722	14.78165	9.824108	17.59575	11.87749
CUST_54735_PI429010886	M107376	0.000201122	24	15	308512650	ubiquitin b [Eriocheir sinensis] >			2.04E-20	2322.285	4185.629	2837.693	1965.787	2419.664	2201.915	3460.858	4150.213	2568.829	2740.835	2524.402	2554.596	2615.936	2702.508	2736.432	4045.654	5091.533	4705.762	2862.188	3463.912	3672.992	2375.903	3098.696	2846.594	2757.04	2945.018	3036.167
CUST_35659_PI429010886	M13165	0.000201122	24	15						142.2521	211.625	151.1899	139.5198	128.0875	113.7264	228.4713	189.8339	210.9122	161.9294	107.7215	153.1144	180.8125	164.9977	186.2275	223.5106	235.738	236.3422	170.0456	178.1474	233.0433	193.0271	164.8928	184.9936	173.7132	156.7919	171.8137
CUST_37769_PI429010886	M21476	0.000201122	24	15	225382096	protein disulfide isomerase [Lito	Metabolic process	Oxidation-reduction process		13658.74	30447.23	14982.33	13761.91	8911.047	13481.03	28943.19	27918.92	16014.56	17931.09	14363.02	15141.22	17729.56	17088.5	15585.38	34065.02	39540.76	32798.44	25065.69	21834.29	25403.62	14189.5	14982.33	15705.46	24040.66	20708.31	15367.74
CUST_47225_PI429010886	M75276	0.000201122	24	15						265.6845	90.44348	140.0779	33.25783	19.14248	26.22317	917.9436	299.4177	722.3326	508.9078	311.2489	156.7437	151.9479	402.0757	77.711	2870.034	1731.406	1643.622	595.0044	525.5146	1060.229	717.7206	16.51171	511.4855	620.2559	119.6713	357.1234
CUST_47657_PI429010886	M77066	0.000201122	24	3	54042615	arthrodial cuticle protein AMP6.			1.82E-08	10352.54	943.8069	7316.568	17388.9	16520.01	17555.23	1529.136	1322.312	1112.702	13906.34	14548.28	14285.49	10664.62	9257.227	13222.77	656.7134	559.5956	687.2962	772.7965	2116.149	792.4227	11138.2	5311.077	10764.25	1129.142	3781.313	3777.656
CUST_2217_PI429010886	N11893	0.000201122	24	15			Transport	Protein transport		2599.331	3825.101	2615.936	2785.011	2534.505	2484.399	3709.96	3220.778	2803.748	2968.824	2809.488	2584.904	3067.239	2803.748	2833.623	3739.191	3801.741	4105	3164.281	3426.429	3513.064	2811.043	2926.153	3105.612	2998.296	2960.558	3360.114
CUST_52289_PI429010886	M96963	0.00020173	15	0	321468138	hypothetical protein DAPPUDRA	Transport	Transmembrane transport	3.36E-16	37.01072	64.99766	74.20038	40.30598	30.88085	18.94794	15.48837	29.4575	18.95217	17.91933	32.62695	10.35047	45.93656	23.55652	30.59991	46.84134	42.5644	70.57647	44.85722	32.20247	37.67421	27.24405	15.75922	29.07923	24.28968	24.91503	48.56063
CUST_5031_PI429010886	N18176	0.000202714	21	18	405973238	RRP5-like protein [Crassostrea g	Nucleic acid metabolism	RNA metabolic process	2.61E-71	289.56	65.27494	65.45785	40.50202	45.43624	30.73939	37.71641	59.28006	50.88852	45.05649	49.61593	44.87713	21.94131	28.37326	23.2664	49.59683	85.32321	64.51751	68.20088	57.01067	71.22472	53.68776	63.45821	70.78121	50.52247	58.75919	66.2054
CUST_39485_PI429010886	M40156	0.000203605	24	3	149675211	cuticle proprotein proCP5.2 [Cal			2.89E-51	49649.01	955.5815	44285.99	59443.36	51269.31	62699.58	1570.104	3499.526	2549.09	42900.93	49113.82	45257.85	27832.29	27210.5	42900.93	391.4124	667.9516	525.7914	3024.414	3555.208	3253.191	41419.19	20616.2	36302.66	3230.906	11413.74	8146.369
CUST_47774_PI429010886	M77560	0.000203605	24	15						125.0519	116.7758	80.25802	47.77802	32.15355	35.16517	640.7195	221.6521	475.8315	364.8648	210.8033	91.97617	109.762	276.8158	77.67929	1231.406	855.307	905.9928	293.835	251.9987	472.502	446.2058	22.52125	294.0126	253.8613	75.49296	240.84
CUST_48054_PI429010886	M78709	0.000203605	24	3						597.9185	139.1141	531.9945	819.3739	1987.037	1569.464	122.9044	278.8807	116.3062	401.9784	1377.595	999.3353	327.5322	767.6438	359.587	49.97298	78.79009	45.7369	99.74451	317.9491	71.62515	347.3018	321.2079	381.5238	77.02123	613.3285	114.4474
CUST_305_PI429010886	N3718	0.000204918	18	3			Metabolic process	Carbohydrate metabolic process		521.7908	159.5774	523.8156	781.2177	793.2617	792.9194	224.7103	224.2885	219.538	515.2465	676.1529	677.6753	668.9797	413.108	675.5044	150.1836	126.4187	111.9372	200.5474	271.1875	211.4099	1063.832	694.4759	849.9671	215.9444	408.5695	397.1925
CUST_370_PI429010886	N4626	0.00020602	24	3						392.9019	131.752	279.7784	1093.204	557.6299	1071.939	124.3957	436.8129	86.9167	90.87055	354.3285	463.1658	218.6001	259.2692	435.1623	42.14237	26.81873	56.92501	30.37407	114.1614	20.29057	334.719	168.3104	441.7626	51.24511	213.4477	92.33626
CUST_39803_PI429010886	M44949	0.000206088	24	3	170069696	conserved hypothetical protein			1.77E-15	22526.09	252.989	24984.55	28561.19	24199.32	29122.17	1198.741	775.0084	1580.709	20871.55	20871.55	26056	19791.01	13301.65	23273.41	88.0075	69.14386	240.6532	1090.482	1890.428	1528.323	19522.5	4598.208	18117.06	2547.238	3751.984	6826.356
CUST_1197_PI429010886	N8808	0.000209909	24	18						558.8184	2528.059	2900.703	282.4469	410.2255	482.5812	3419.816	2381.656	1544.613	199.4867	282.5034	34.9506	4913.686	1477.508	3164.281	1695.11	4527.493	5856.992	7937.877	13658.74	8378.475	798.2619	1162.935	837.2458	1192.533	892.0968	771.0455
CUST_41897_PI429010886	M58829	0.000210836	24	15						32.60314	37.61646	27.88813	56.51566	33.79728	42.39624	59.65828	51.33067	41.51987	38.72594	37.58094	32.39325	54.65618	50.75534	61.04906	79.46471	54.48769	63.99137	53.53275	32.95195	47.41757	33.71063	28.57519	50.21608	30.13995	31.66341	36.92118
CUST_37768_PI429010886	M21474	0.000211144	24	6						225.9834	649.4957	248.3542	2192.968	739.9176	1769.667	1340.842	2924.097	4270.698	1086.78	2075.256	783.1683	486.4482	1856.844	2213.256	620.0365	1290.575	796.9187	103.5395	401.2544	78.91149	389.053	257.4878	309.5645	123.2141	16.91699	139.7737
CUST_44210_PI429010886	M65268	0.000211279	15	12						76.6349	74.25833	63.49903	52.40229	64.96779	67.44859	86.6454	48.09966	53.57855	102.4622	132.8564	108.5015	103.0566	92.47181	121.9377	79.76299	107.5502	71.3958	60.65875	41.13599	69.39785	87.56469	75.2089	90.27688	90.8123	63.83347	54.41132
CUST_9826_PI429010886	N25259	0.000212284	24	18						19.18647	46.90198	38.61632	10.37676	13.58386	13.68542	28.97384	31.23137	42.38836	7.505551	15.91453	5.690758	20.11384	10.59474	22.8581	41.33969	23.44192	26.57459	106.2889	58.21158	102.0268	44.10093	23.42467	21.44037	56.60765	12.28362	32.05226
CUST_3317_PI429010886	N14255	0.000212995	24	9						49.87102	38.15601	34.15266	49.57184	44.74502	51.08158	33.45999	53.50459	49.22048	81.23215	51.49011	55.04966	50.73158	53.67167	47.88053	40.7495	49.49937	44.48574	38.30361	53.84528	44.66421	30.6146	42.65681	38.27451	39.44209	49.37308	39.70866
CUST_1504_PI429010886	N9849	0.000213233	12	9						17.91133	12.19014	29.10637	24.76741	16.91902	24.17927	16.8613	73.61793	80.50976	104.7064	94.87741	104.3593	NA	77.78826	NA	15.90721	17.07298	8.042805	51.82191	5.480213	36.73639	69.92903	612.3531	194.5138	22.13345	43.42121	9.133693
CUST_46598_PI429010886	M73113	0.000214043	21	0						18.55929	20.09331	18.89628	9.857053	10.19704	14.38836	15.99496	16.13855	7.519886	8.34915	8.086218	10.482	8.737286	11.94299	13.80235	9.683226	24.7491	16.69306	14.19705	15.82642	13.17346	16.57137	21.73277	14.87819	18.18639	14.45239	15.18237
CUST_7530_PI429010886	N21683	0.000216598	24	18	241171158	oxidase/peroxidase, putative [Ix	Response to stress	Response to oxidative stress	3.43E-18	94.86558	122.5392	116.0897	98.56741	84.07229	115.9671	67.05704	167.2311	103.5796	49.1314	101.7744	56.55991	71.44611	101.4138	63.81233	204.2081	121.8217	175.0487	166.242	124.8558	185.9927	188.9335	135.0204	147.7951	136.2737	110.298	132.952
CUST_2232_PI429010886	N11929	0.000216859	21	0			Protein metabolism	Protein folding		2645.058	3321.698	3130.289	2166.525	1718.114	1701.993	1761.545	2140.692	2400.564	2132.096	1462.033	1808.449	3046.537	1504.447	1609.728	1862.343	2179.188	2277.337	2454.398	2292.947	1929.095	3247.587	3031.683	3135.16	3033.527	1851.473	3532.198
CUST_37647_PI429010886	M20226	0.000219138	21	0			Nucleic acid metabolism	Regulation of gene expression		767.3697	1043.236	669.1662	560.1392	772.5597	434.7194	590.8215	335.4857	405.5854	588.9309	446.0553	621.441	657.9421	369.4962	756.356	774.5071	655.6894	860.9694	885.5204	925.9054	495.3901	1108.83	807.6213	868.9348	679.224	365.1669	258.3703
CUST_18012_PI429010886	N38995	0.000219676	21	15						25.36487	28.8005	9.69295	14.69726	11.37814	13.75793	17.88521	19.49414	17.72848	23.87227	23.5695	17.0552	23.80751	16.82245	11.15315	37.36858	30.3574	34.88898	21.82795	18.80957	17.12368	29.53009	19.53602	24.90332	8.577815	12.59046	14.18163
CUST_30978_PI429010886	M364	0.000220003	24	0						262.1946	312.8082	303.8109	243.1902	174.9627	180.1324	86.84479	153.502	147.0639	227.1085	165.742	137.2489	244.1747	107.0064	228.9149	215.2207	301.8062	119.807	352.5932	211.4988	322.8914	331.3594	293.835	295.7504	531.0942	325.1203	468.1951
CUST_32951_PI429010886	M5549	0.000221972	21	0						281.2628	339.5673	307.3354	257.8376	171.5325	182.2404	239.2427	156.8946	168.8433	346.2958	187.1331	213.0837	169.6456	127.4883	132.5859	143.647	293.0253	186.4716	239.5846	168.8433	293.1739	339.6934	399.8777	296.2664	327.216	144.6793	272.7395
CUST_491_PI429010886	N5633	0.000222254	15	0	321476026	hypothetical protein DAPPUDRA			3.43E-43	310.9804	93.78493	80.07305	119.4286	168.6714	96.12752	186.3541	62.71091	75.31313	68.59824	22.71736	43.69757	258.3703	39.86943	244.0506	266.3181	367.6429	637.2271	64.18044	51.15383	34.52717	103.3596	36.4809	76.83706	34.49352	37.45982	33.83846
CUST_37013_PI429010886	M17539	0.000222359	12	0			Protein metabolism	Proteolysis		47.96277	36.43616	53.14113	68.21622	34.3049	55.61954	30.12869	35.44329	18.06134	55.2321	50.88852	35.98384	53.57855	63.86465	59.23509	22.1135	28.21177	24.22177	17.60727	23.35729	21.68924	57.40907	60.84718	32.21584	68.38347	60.76642	61.27138
CUST_38650_PI429010886	M28840	0.000222614	24	12						131.0644	146.449	152.0064	125.0424	478.7694	270.4208	187.4758	150.5356	139.9139	155.3899	313.3524	238.0667	166.2848	302.9304	319.5317	156.7919	161.2407	155.8444	162.0267	131.4508	123.3207	113.5376	107.935	112.5544	148.7099	166.7877	107.7409
CUST_16307_PI429010886	N36016	0.000222614	24	18						77.67929	78.11286	84.65768	64.9627	61.09188	68.91312	66.87814	84.70621	73.46998	69.52362	47.77802	63.62492	90.26753	85.40071	69.98305	71.63426	102.3686	83.4637	86.39437	104.9838	86.16832	102.8535	75.17439	96.62082	79.23954	81.49613	87.63468
CUST_44817_PI429010886	M67085	0.0002227	24	15						14.0177	17.63804	14.69726	8.437268	8.132185	11.89711	19.50236	17.59285	13.63697	20.84897	15.54537	15.79305	23.03897	10.62708	18.99164	28.14643	23.03273	29.43019	31.89668	NA	19.80764	14.34967	12.49835	16.02629	15.23987	22.56021	19.92947
CUST_31074_PI429010886	M619	0.000225308	21	15	383860799	PREDICTED: cyclin-dependent ki	Protein metabolism	Cellular protein modification process	3.25E-124	54.33188	82.87384	76.96435	57.05091	43.98563	30.56946	63.77866	89.48954	84.67585	75.61315	51.31552	57.53339	75.44765	50.15161	66.63719	67.27409	114.9073	89.95321	83.02117	71.22472	85.06849	64.94907	83.52767	63.28348	42.55235	51.97249	50.98858
CUST_57109_PI429010886	E1074	0.000226687	24	3	152949487	calcification associated soluble r			8.64E-11	3408.763	3284.996	2711.745	4787.419	6132.817	4672.963	3636.712	2958.733	2098.966	3568.199	5251.996	5119.273	3098.696	4829.887	5533.093	1047.687	1680.655	1796.427	458.7704	1414.36	660.1893	2310.632	2713.39	2940.045	1066.406	2608.106	3796.503
CUST_12012_PI429010886	N28773	0.000227587	15	3	163868840	autotransporter [Bartonella trib			0.000000612	79.60935	20.52147	63.62492	517.3443	856.9537	471.7045	366.556	363.3984	321.0799	NA	15.67594	5.367764	5.790172	907.1782	9.781107	310.4859	124.1127	97.77174	383.478	738.2631	313.2852	39.09638	53.86859	12.48313	NA	NA	NA
CUST_40002_PI429010886	M48221	0.000228426	12	9						14703.33	3717.963	12807.83	23016.75	6734.459	12211.42	15071.82	12097.54	22469.11	23435.22	29949.84	17982.7	26491.1	9376.495	13559.72	783.6564	1684.207	2133.67	25247.34	21010.2	25247.34	25888.13	38996.88	31659.39	17131.85	27073.29	36724.45
CUST_21563_PI429010886	N45439	0.000228714	21	0						9.316038	14.21176	24.10826	8.750703	27.03618	21.24736	NA	4.916376	7.140165	7.643306	12.89468	3.481467	5.066072	7.87171	3.840437	5.129966	7.610237	11.81411	7.626272	10.11839	15.12403	NA	25.97013	24.08979	13.74764	12.42147	9.03053
CUST_55849_PI429010886	M111881	0.000228975	18	12						22.31213	15.01335	12.55746	18.87745	12.22382	12.34025	10.04216	8.537397	7.394511	24.92804	15.28035	16.74981	26.6468	29.68907	24.1706	15.37441	42.03616	11.61031	32.86579	15.66801	29.04471	14.77271	11.84234	17.11031	14.66893	6.193801	13.0149
CUST_57144_PI429010886	E1501	0.000229169	24	9						20.65415	25.97276	15.13397	17.32703	36.80764	26.00555	27.66435	26.96496	19.65297	28.21781	37.66871	79.30248	26.09525	55.60414	27.02166	23.90768	29.32605	28.74405	17.92495	24.54621	23.51819	19.43519	32.93904	23.65361	11.78676	21.65776	20.51331
CUST_40907_PI429010886	M56361	0.000231841	21	18	443696893	hypothetical protein CAPTEDRAI			1.1E-09	38.66936	97.83763	144.7602	25.26967	56.3623	31.21069	51.35849	40.64205	65.27494	59.14641	38.85987	32.8057	69.17898	16.87383	50.15592	55.28196	52.33176	60.78548	170.1187	108.3275	216.6807	65.27494	93.47893	45.53592	37.81203	21.67269	23.97222
CUST_18226_PI429010886	N39387	0.000231841	21	18						248.6058	85.40783	246.7787	53.95129	19.73758	7.878601	89.1801	84.92778	50.04164	90.20095	56.37975	24.29464	174.0791	43.18567	113.8465	139.8503	58.73466	160.8884	54.11401	641.1736	925.9054	58.87877	18.0302	59.5633	49.33322	14.81846	32.19938
CUST_48842_PI429010886	M82441	0.00023189	15	0						19.89427	20.20385	19.85896	19.47927	10.04856	11.07717	8.663589	9.801925	10.3668	16.81757	14.00343	16.24433	17.63683	14.38127	13.24351	19.30163	14.64685	18.28716	18.97114	13.0479	14.72662	13.0253	20.12578	6.92838	9.840114	11.45884	13.91758

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_38500_PI429010886	M27409	0.000232341	24	12	156349174	hypothetical protein NEMVEDRA			2.37E-08	303.1963	558.8184	431.4309	1620.506	630.0078	1194.342	1493.774	2297.179	3135.16	233.7126	3679.2	646.3558	1862.343	2434.185	846.219	990.2906	1331.208	1356.93	444.7023	785.5802	940.7158	254.1863	824.7782	905.9928	114.5807	388.9715	447.4189
CUST_2903_PI429010886	N13357	0.000232977	24	21	321455420	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	4.73E-96	1715.071	1552.466	1867.24	1109.766	1176.913	885.1856	489.8482	839.3829	764.2764	1342.206	991.1291	757.3112	1898.75	403.3152	1423.667	1365.984	1574.714	335.0962	3415.242	1400.583	1938.127	2335.81	2920.075	1715.071	4140.108	2230.426	4004.603
CUST_12255_PI429010886	N29173	0.000232977	24	21						214.2511	294.7488	282.2716	270.4208	284.8134	220.0563	227.0272	228.0728	252.0561	227.5418	234.1695	262.4813	206.4029	263.1307	236.43	253.9896	285.6824	300.8806	268.4876	280.3649	284.9168	287.3232	296.2197	315.2731	273.7185	280.2395	360.9619
CUST_29102_PI429010886	N59206	0.000232977	24	21						258.5192	268.6423	284.9168	262.7505	216.7919	200.3693	161.5503	217.8031	198.0827	237.5901	180.676	209.295	469.784	245.6701	365.1669	297.1434	354.4742	242.3852	402.3519	359.6695	287.1316	465.5812	319.7298	388.031	464.7851	197.3334	404.0425
CUST_52536_PI429010886	M97849	0.000233353	15	6						23.56774	37.90412	41.43387	40.32229	29.60122	21.31707	72.5147	43.27193	46.87435	35.32216	19.38793	29.40141	29.72829	15.87884	21.52625	28.1833	36.53396	37.07514	47.82733	35.60356	47.83813	41.55628	49.5263	48.66684	31.52277	29.4575	63.88807
CUST_2259_PI429010886	N11977	0.000233353	15	6	291241875	PREDICTED: protein phosphatas	Protein metabolism	Cellular protein modification process	4.04E-127	11.75186	20.43156	15.80426	16.59163	23.17996	22.61608	24.40409	17.46553	22.75207	16.70652	16.83626	16.74788	21.14686	13.84533	11.12989	21.19789	13.03491	18.2576	21.2307	20.55179	21.3828	21.75638	25.73037	22.32831	21.06899	17.56163	21.70341
CUST_54359_PI429010886	M105717	0.000233785	24	3						62.77844	13.34035	67.96481	206.1814	81.91952	128.645	26.30298	236.2202	11.19922	10.3668	3.046465	NA	12.37254	57.99332	8.929849	4.430571	10.24111	3.267022	NA	13.3556	6.592192	24.06305	NA	8.846413	NA	NA	NA
CUST_40627_PI429010886	M55683	0.000233961	21	15						13.77125	22.63957	11.4759	13.7086	12.78545	NA	9.868311	10.78499	7.529095	5.05262	10.96209	10.2931	13.70444	NA	7.348066	NA	23.98408	17.96765	15.09107	16.00437	12.34692	17.72848	14.06607	17.9492	13.05352	11.3477	15.64595
CUST_43450_PI429010886	M63093	0.000235287	12	9						162.2343	227.7726	235.1283	226.2788	210.991	186.4449	197.088	249.2986	237.5415	264.7345	239.2973	233.0433	230.3457	210.3744	219.2338	162.4812	205.1165	218.0311	231.134	224.1479	247.9707	284.0207	260.1908	280.7417	264.8694	257.0037	305.7009
CUST_18019_PI429010886	N39007	0.000235349	24	3						52.68847	NA	30.63675	43.95645	75.87682	67.39104	19.03842	NA	NA	19.64801	37.4892	53.43212	23.48308	33.66656	47.47767	15.60667	5.881307	10.8747	8.518628	10.00814	14.0598	21.50122	6.233337	16.22323	16.08645	8.83019	18.10455
CUST_38389_PI429010886	M26166	0.00023548	24	12			Symbiosis, encompassin	Other		3770.678	14015.31	7439.177	23231.4	8984.262	18198.77	25792.96	38719.75	52165.44	4650.166	62699.58	8484.924	29647.7	41865.42	19150.48	13419.52	17210.94	17886.89	5726.275	10569.33	11881.91	4490.88	11228.98	11094.64	1478.028	5564.697	7048.129
CUST_39996_PI429010886	M48168	0.00023548	24	12			Symbiosis, encompassin	Other		4247.1	13391.14	7653.847	25065.69	8962.903	16913.15	28414.17	36195.31	46875.63	4988.039	66134.01	8886.515	31967.8	42900.93	20320.15	15045.33	19485.9	17345.96	6506.137	9937.479	11738.35	4680.36	10430.71	11738.35	1507.382	6018.305	7240.469
CUST_32022_PI429010886	M3021	0.000237345	24	6						9.734639	14.2083	22.81991	30.81966	23.33593	15.65667	20.58296	53.081	44.80668	12.67448	68.36093	5.661376	15.18237	38.27962	24.96813	22.80251	23.98146	15.73083	3.880845	3.749863	7.451763	5.481109	12.00512	8.467723	7.457449	NA	6.226721
CUST_6932_PI429010886	N20798	0.00023752	18	15						6.685275	16.72797	NA	9.025697	3.373033	14.49774	24.78354	14.55272	11.3488	25.43981	18.77676	7.214528	18.11297	37.85657	23.51724	36.58776	58.49428	28.31962	12.10629	4.061438	15.9251	10.26259	15.65515	4.281841	23.10726	18.06394	NA
CUST_7796_PI429010886	N22088	0.000238125	18	15						31.79073	39.64997	25.51207	38.57077	NA	19.77651	10.43499	11.45318	13.65032	152.0267	NA	69.19342	131.7371	145.5507	72.20641	23.89085	295.6289	182.5585	216.6807	144.1758	141.5029	23.22612	220.4736	22.248	17.61898	25.61401	5.201318
CUST_35200_PI429010886	M11883	0.00023936	24	18	524869040	PREDICTED: acyl-CoA synthetase	Metabolic process	Other	4.68E-48	157.3439	253.4735	207.8484	140.9588	145.843	146.2607	162.6193	179.241	181.8118	150.0295	155.6009	177.6455	179.3306	167.3834	191.0479	186.3924	225.3383	262.2441	229.1648	209.4822	238.4834	186.4449	226.9376	236.1021	209.6366	142.5791	285.8938
CUST_46119_PI429010886	M71441	0.00023936	24	18						44.00986	47.24216	55.78477	3.39905	12.18449	9.804365	11.44051	18.89336	13.99198	53.04738	20.83583	19.06321	37.82047	7.308662	31.51184	22.29844	44.635	69.64615	63.98495	108.9908	61.11985	89.44264	25.01801	70.5683	209.2563	53.04169	188.0574
CUST_17764_PI429010886	N38551	0.00023936	24	18	325303532	TPA_inf: hypothetical secreted p			1.22E-12	13.59581	15.74607	25.61949	13.48307	15.47714	13.13409	21.08201	16.31963	17.47661	12.03178	18.92593	19.37891	18.29235	18.32237	20.90369	30.15056	20.26341	21.46399	21.94131	26.85225	21.7758	14.72888	14.05324	20.3727	18.07496	15.35763	19.30987
CUST_51751_PI429010886	M94865	0.000240296	15	9						20.45768	12.65578	26.18151	16.0336	13.47249	15.70113	15.36685	16.13355	19.90073	29.29782	26.77083	29.7311	28.84319	15.60788	32.8057	16.94155	9.040984	13.7873	19.43327	11.7976	13.31819	22.21977	21.27506	20.1119	22.51895	21.08968	27.22159
CUST_52473_PI429010886	M97567	0.000242187	12	9						858.7677	275.2462	928.5423	764.2764	289.8261	313.739	429.1442	496.3451	772.7965	839.7101	1384.734	611.1595	1914.352	475.9252	859.0835	119.1916	196.8426	204.9422	884.7471	490.2242	825.4048	1261.275	1744.803	1368.726	889.3882	569.6083	1438.372
CUST_32542_PI429010886	M4380	0.000243734	18	12						10.83965	7.531208	9.79002	75.48453	58.81576	33.83846	33.35975	306.2147	379.6086	19.23032	1528.323	48.10521	1526.163	1218.143	186.3368	38.3812	75.9364	97.84796	9.375499	23.59034	28.66457	NA	224.5032	212.8318	NA	102.326	120.6137
CUST_13145_PI429010886	N30655	0.000243874	12	3						23.59807	25.10509	16.38009	NA	44.6225	28.55675	22.36702	41.20512	15.97495	18.64717	15.89978	10.01392	26.01047	19.4293	18.21898	44.89831	37.8045	29.2298	28.82648	70.97468	30.30161	15.87086	9.930505	21.1126	30.52605	50.60267	31.54655
CUST_48992_PI429010886	M83441	0.000244474	24	3						299.7411	163.9403	199.4568	264.3686	252.6173	385.9551	131.6028	335.7533	123.018	103.4024	95.57738	74.92905	77.73937	101.5579	92.67361	71.46735	75.6543	55.70355	55.74024	225.0911	48.69222	138.3092	101.4958	116.2734	43.57254	206.98	30.84327
CUST_18359_PI429010886	N39646	0.0002449	24	0	118403706	NRDE-2, necessary for RNA inter			0.000000988	37.51496	43.90368	46.39504	32.3135	36.63348	34.17398	22.58052	21.33758	30.26428	35.54384	27.85573	38.39235	21.03678	26.64465	23.5934	29.96518	36.58388	35.79767	35.45282	26.23786	36.34385	25.13355	49.35016	47.71964	37.09003	48.30656	40.29806
CUST_1155_PI429010886	N8676	0.0002449	24	12						111.4394	242.474	178.3834	818.7919	354.9347	651.369	441.5527	995.9721	1235.811	114.9362	2133.67	260.798	568.0849	1113.622	500.3221	288.4809	514.9905	460.3468	176.8599	413.2217	457.8873	117.7279	398.088	405.7918	31.86686	142.5641	177.9078
CUST_9855_PI429010886	N25306	0.000245742	24	21						55.49194	60.18712	64.97632	34.02915	37.77333	42.96134	44.95536	54.58501	50.47099	48.2662	52.35235	59.37073	56.39523	45.83845	63.41449	70.94231	56.99251	54.85916	60.61437	57.15552	76.96435	80.31138	63.2206	80.50976	67.3848	63.26218	100.783
CUST_20017_PI429010886	N42655	0.000245742	24	21						5947.47	9804.488	6929.595	5365.583	4940.836	4809.493	2767.762	5467.822	5233.042	7402.627	4572.831	4650.166	9643.272	4450.275	6906.237	9041.082	11030.98	6567.976	9684.529	9565.255	8107.941	12084.47	8400.194	10053.8	14703.33	6999.724	11612.18
CUST_28347_PI429010886	N57772	0.000245742	24	18	380005623	fatty acid binding protein 10 [Ma			1.91E-10	719.258	673.5376	606.3479	472.1134	394.0157	416.4698	519.4495	522.0737	623.4767	569.1918	606.3479	670.1687	555.2007	524.8326	598.7661	649.314	533.7924	701.5555	633.691	839.3829	996.7263	789.6051	547.8118	947.0352	748.709	503.6798	901.5762
CUST_3735_PI429010886	N15159	0.000247691	12	3						19.92759	28.16647	27.87333	34.76036	45.69732	36.68361	34.49352	29.14227	27.17222	15.75178	25.34024	6.313999	40.02352	24.37455	34.2198	29.45413	24.39353	27.88568	24.83403	28.50902	26.02721	17.01954	14.12309	15.84358	26.64196	21.00978	40.61754
CUST_13294_PI429010886	N30924	0.000248502	21	3						423.0504	335.0962	251.6934	310.5741	480.3553	366.3486	278.1319	262.0968	361.3178	253.3528	242.7903	148.4289	288.5968	263.7057	296.5728	204.7184	315.3455	279.6802	356.4497	282.4469	369.0567	291.3249	338.1914	215.3959	382.2543	434.2782	421.7429
CUST_35543_PI429010886	M12833	0.000248934	24	21	242019466	serine/threonine-protein kinase	Protein metabolism	Cellular protein modification process	2.78E-11	86.41587	36.34596	94.71637	76.55656	69.55765	71.74885	58.05667	40.57158	57.1768	63.31668	52.55424	62.35301	75.81657	58.72904	72.66211	89.81747	56.11745	62.68994	106.4901	65.62334	88.69555	125.4485	96.99292	94.14191	118.7327	49.11012	132.9992
CUST_52004_PI429010886	M96029	0.000248934	24	3						135.8928	85.00598	90.62398	114.7628	154.6439	161.9124	89.60857	89.7803	67.53847	88.90086	112.8276	157.3672	87.21789	80.66827	147.9838	82.40323	54.10933	59.38892	59.13513	71.52252	44.95996	105.7762	69.41702	108.5389	66.89231	90.26753	91.33505
CUST_31854_PI429010886	M2580	0.00024912	15	6	380016613	PREDICTED: protein FRG1-like [A			1.91E-28	32.52808	59.04856	70.13338	56.4602	56.98746	54.04744	68.92058	69.2197	82.55332	48.03485	38.37685	51.86305	40.0019	35.99333	46.05498	52.49766	76.37498	70.76996	63.00026	66.55746	66.11978	70.25686	89.0262	93.46078	50.33808	44.47158	62.94384
CUST_23049_PI429010886	N48168	0.00024975	24	0						23.73807	19.97953	16.80584	29.38566	14.65162	16.5534	23.2872	19.08766	15.23818	19.12392	NA	13.69119	14.18475	8.78406	8.272162	14.16065	10.11839	16.17146	15.95307	15.36351	9.684334	18.16224	17.21886	17.75016	22.87315	18.43914	17.6031
CUST_26254_PI429010886	N53928	0.000252125	24	21						34.34753	17.18912	41.62674	27.11011	27.63333	31.18737	10.63037	19.31939	18.40737	34.88249	17.52792	5.723799	35.84121	38.23951	44.42841	44.15404	26.10539	28.3301	92.45168	39.6633	37.51953	67.63991	35.0975	55.1065	54.36391	38.25885	46.77426
CUST_19637_PI429010886	N41916	0.00025306	24	21						24.41183	21.32203	21.10164	30.84622	19.60994	19.44173	13.57805	16.47278	16.1959	11.67372	11.39498	15.67594	17.25784	13.3975	21.11041	31.66341	23.34465	25.77932	15.68645	28.84319	16.38009	27.43793	24.13409	24.84254	29.03664	19.45847	38.15236
CUST_36230_PI429010886	M15101	0.000254385	24	15						35.15002	28.8322	26.38647	25.46958	36.1335	33.63302	40.65621	26.11949	35.13853	47.10201	37.40246	52.27137	39.20049	47.2578	35.97416	52.61688	41.58882	58.35105	55.06272	36.97883	53.09948	53.07683	44.92669	43.86995	42.5735	29.74732	41.65139
CUST_46341_PI429010886	M72300	0.000254385	24	21						73.06306	88.31999	76.47464	71.47305	78.02817	67.81869	58.67081	62.52685	56.72705	66.05158	57.81074	58.31116	62.03291	74.48675	86.20512	78.64253	73.56286	74.66025	75.31313	60.47985	63.68621	82.14842	76.76723	90.76223	86.56139	78.08717	86.11117
CUST_7537_PI429010886	N21696	0.000255317	24	18	291237650	PREDICTED: predicted protein-lil			2.8E-44	85.25564	161.8917	135.9051	77.34627	65.14299	71.67272	109.9913	121.5461	118.3083	97.61964	96.81529	92.9385	129.5648	105.5425	98.71772	112.8468	158.8716	143.92	144.3231	148.0265	136.9113	88.70868	135.056	106.8499	100.4391	133.1266	136.1879
CUST_27242_PI429010886	N55701	0.000256019	18	9						NA	5.300759	NA	9.369673	7.038408	4.562771	11.4263	NA	7.745918	10.35736	10.00684	13.72622	5.897801	7.930223	7.153945	6.606839	21.1277	6.220036	5.833172	4.175973	3.630829	NA	8.582162	NA	8.013913	NA	NA
CUST_2019_PI429010886	N11341	0.000256202	21	15						546.2084	848.3549	382.6455	1322.312	5.879006	962.741	857.4356	748.1962	465.972	1890.428	198.2813	734.4362	1761.545	1050.367	1142	3629.795	4326.077	4740.787	2679.375	1379.279	2393.197	369.0567	1810.6	377.789	490.7221	740.2235	129.6335
CUST_3365_PI429010886	N14367	0.000256675	24	9						206.1397	251.7959	192.6063	187.8413	575.8046	401.876	196.0115	257.0734	279.0664	190.7291	435.2817	429.8212	234.2298	333.3795	372.6214	262.806	283.7827	184.1477	141.4085	191.8512	140.8152	120.1066	184.4145	127.2771	164.741	194.8463	148.1939
CUST_23648_PI429010886	N49200	0.000257321	24	21						468.4112	448.8304	496.4508	603.3505	446.5017	385.4238	275.1168	377.0504	276.0746	364.6437	301.3368	219.0705	384.2558	172.9954	351.8456	221.7013	383.7931	94.7749	1053.829	379.0965	844.8862	667.2339	799.0901	525.7914	1000.752	593.171	902.4975
CUST_30705_PI429010886	N62437	0.000258095	15	0						59.21803	42.98811	43.02903	25.82506	28.10987	25.28008	27.46378	10.93377	25.1445	26.45917	19.71328	28.49433	37.90056	16.07386	40.4113	48.85342	29.64248	33.89397	26.48825	25.91577	23.85156	30.98678	23.22612	18.03823	31.8265	32.96543	35.90614
CUST_39556_PI429010886	M41199	0.000259497	24	3			Metabolic process	Carbohydrate metabolic process		271.6574	165.5194	80.86273	139.3207	934.7113	577.8423	33.33002	59.36408	25.49446	33.07256	167.261	196.4999	54.26213	147.2789	119.5301	19.13355	8.611312	7.657844	20.02992	75.2089	27.73284	45.96577	62.51652	33.32109	NA	382.8	11.74077
CUST_39253_PI429010886	M36728	0.000260291	24	15						2093.838	3297.935	2459.181	2063.235	1471.771	1717.387	2219.678	2348.232	2659.616	2320.751	1716.333	1722.827	2573.227	2839.956	2184.345	3197.119	3405.379	3555.208	2012.206	2886.102	2459.181	2661.468	2369.531	2855.927	2283.014	1967.079	2396.659
CUST_48765_PI429010886	M82087	0.0002617	24	18						2886.102	4168.103	3210.455	3101.358	1522.629	1035.146	5402.577	2654.193	4173.107	2681.804	1766.713	1699.905	5744.161	3356.595	2626.057	5048.826	3506.645	5705.148	7983.519	6770.352	7928.164	3699.413	4870.528	4041.944	6285.074	5420.715	4928.217
CUST_50654_PI429010886	M90559	0.000262436	12	9						45.17249	4.469209	52.40731	72.30895	23.47009	49.75986	NA	14.6763	19.09461	110.3707	716.6417	106.5406	255.7014	42.16901	133.9994	4.281841	5.233224	4.086937	30.34849	41.37426	50.03259	326.1422	333.1336	309.7415	50.51216	234.8735	256.0953
CUST_43398_PI429010886	M62936	0.000262451	21	12						15.58431	13.42904	10.64424	16.64948	15.67395	23.74852	33.29327	17.09586	39.54727	12.36534	40.49223	NA	49.91114	47.23231	26.85513	12.91477	14.58842	15.8055	7.078115	8.013913	12.62446	7.496542	8.604047	17.43476	NA	4.209816	NA
CUST_33961_PI429010886	M8367	0.000262708	18	3						50.69876	62.60527	60.73958	71.14732	73.02048	57.29374	76.73936	40.56201	32.32436	50.23652	33.82765	15.84904	49.25099	46.86994	17.07151	8.763023	63.47982	26.77351	133.3487	47.45891	71.99448	187.6112	112.9762	77.2068	53.69851	60.72297	21.34628
CUST_49321_PI429010886	M85184	0.000263906	24	15	546675121	hypothetical protein D910_0377			1.26E-09	132.6978	92.98043	175.1243	126.0731	71.48244	108.568	146.8225	133.239	169.4561	187.0768	97.05434	171.912	194.7103	202.7406	148.2715	243.2347	175.8219	263.4946	213.2675	111.4113	220.2176	155.3531	120.3757	157.4759	176.549	118.4588	175.3842
CUST_7143_PI429010886	N21102	0.000263906	24	21						54.31269	93.19639	87.40333	79.73452	84.39985	77.08119	70.81536	70.46471	73.21671	62.94384	65.63171	79.46471	69.03939	70.98403	78.48038	76.7295	110.9878	92.06463	90.35029	67.61972	87.40333	89.29338	104.661	93.53318	82.47763	87.38427	90.78766
CUST_20121_PI429010886	N42848	0.000266971	24	21						300.3594	453.0125	420.8457	295.1045	253.8613	239.8291	268.0293	217.6621	220.5454	295.4891	234.5996	348.8785	356.7674	254.459	344.3047	425.7716	372.4691	447.1876	299.2328	282.1054	367.8176	328.3409	432.5544	412.9087	317.7216	291.1427	370.9049
CUST_37011_PI429010886	M17535	0.000267521	24	21						531.7033	958.49	773.969	704.142	823.2974	555.5824	651.369	757.3112	790.1557	570.427	664.6847	572.7695	743.0295	623.4767	607.3706	610.9907	728.6567	685.653	794.9446	815.2223	929.1604	879.1441	873.0203	1036.158	833.5137	696.3331	927.0038
CUST_39409_PI429010886	M39006	0.000267521	24	15	32527554	Squilla empusa 28S ribosomal RI			5.91E-105	56377.06	65558.65	69178.17	38719.75	47826.44	64638.29	55705.47	67856.09	73328.57	64273.41	58747.16	79747.61	78492.44	75071.87	76090.53	93147.81	80425.69	71692.31	79085.89	61365.17	70445.35	70445.35	61768.02	69931.06	79747.61	60953.29	66134.01
CUST_50792_PI429010886	M91026	0.000267951	12	6						31.96656	346.0708	365.4954	428.2506	339.077	131.5172	439.8767	1355.75	1786.238	88.20477	232.4886	61.0126	125.3435	144.1943	73.45313	NA	392.7267	381.9172	987.5397	753.9335	2060.105	174.857	4140.108	4118.017	76.55656	26.97175	92.18916
CUST_17274_PI429010886	N37690	0.000268684	12	0						113.5235	98.89641	106.2034	118.8436	91.63916	83.83975	91.80105	80.05281	74.20038	94.98744	103.8143	95.04674	105.8148	86.68025	130.3114	101.4138	103.6284	99.80727	88.26602	89.80371	91.92491	85.40071	110.4792	93.37419	116.3995	116.2567	144.474
CUST_14078_PI429010886	N32291	0.000271136	24	15						370.1622	211.4099	442.9918	193.8172	71.21793	90.37428	385.3052	213.0104	328.6973	805.2136	165.6517	352.0796	574.4065	359.3488	231.0141	675.2885	596.9264	801.3203	405.1127	214.4299	427.0381	243.7665	357.3731	331.3594	392.8052	172.8416	379.6086
CUST_38453_PI429010886	M26822	0.000271421	18	15						448.4659	273.3536	213.3048	109.8814	66.52473	77.9272	390.7107	435.6254	412.8294	315.8899	222.3991	98.28823	380.6302	338.8265	211.9007	1372.283	579.9447	1340.037	291.0948	480.4617	736.9876	262.4014	39.95086	212.7978	423.2638	152.4151	190.7935
CUST_19442_PI429010886	N41590	0.000272108	21	18						209.7702	317.6549	277.2002	185.717	201.6917	192.1066	177.7913	248.8552	241.7074	200.6093	180.1092	154.7361	118.3504	185.7829	95.01092	342.9765	358.6508	329.8991	401.757	286.9821	325.6483	392.3777	250.7612	241.4097	331.4329	300.3068	251.7468
CUST_7367_PI429010886	N21439	0.000273376	21	15						248.4962	386.6278	82.67536	131.274	239.2059	215.1114	142.0207	247.4344	76.67528	189.4468	232.9522	263.8276	297.6356	367.2044	346.1134	715.6987	494.3291	390.5287	173.3624	335.4857	206.5859	351.7434	242.0929	284.8134	174.0123	244.4841	60.66586
CUST_20989_PI429010886	N44426	0.000273712	21	0						34.89501	26.69535	30.91451	22.92862	18.89628	17.00862	21.98453	16.36771	13.46097	16.51006	26.87774	22.15452	19.60329	10.99972	23.30722	17.02795	14.39849	13.99541	18.34365	14.69094	14.76753	33.2866	22.96488	27.10462	24.44473	24.8172	24.11115
CUST_49532_PI429010886	M85988	0.000274751	24	18						28.77495	29.6152	37.78456	11.52123	21.51658	30.98189	6.110374	20.03497	18.55713	10.61215	32.47195	33.59889	20.18416	18.44173	21.30099	15.23242	21.56373	21.54067	46.23699	43.28585	48.3568	27.6757	39.07837	34.27395	34.44933	35.92153	39.97068
CUST_39102_PI429010886	M34586	0.00027713	24	15						17.60139	11.10613	7.465917	11.71874	NA	6.12072	35.78309	26.13302	16.86908	54.37537	36.62239	NA	15.25101	20.66314	15.62048	102.411	39.24334	61.68316	16.26492	31.90671	33.2866	32.19938	NA	15.78726	30.02336	6.267202	11.20316
CUST_46162_PI429010886	M71612	0.000277338	21	15	13898841	CUB-serine protease [Panulirus a	Protein metabolism	Proteolysis	1.31E-17	235.1738	599.3024	478.9906	223.3777	304.0274	145.2758	287.2425	380.915	365.3294	289.1658	287.8854	141.2321	299.8648	465.6755	413.2862	607.6204	418.5156	569.1918	376.0943	442.6514	475.4976	400.0672	224.4256	294.6856	251.1902	249.928	253.4735
CUST_45251_PI429010886	M68484	0.000277949	12	0						176.6314	215.0483	280.7417	165.5949	184.7904	137.2351	114.3193	132.5291	177.9861	197.7072	362.8242	170.1715	281.3641	173.6995	270.7536	183.9367	180.2441	189.5124	158.7682	175.5738	141.6537	225.3038	210.6226	186.9296	336.1378	241.4097	317.0778
CUST_35458_PI429010886	M12622	0.000278978	12	9						47.93427	28.9184	42.58958	14.32273	24.78664	15.19477	NA	75.31313	NA	71.76549	158.9628	153.8597	7.413131	60.39038	28.39612	NA	NA	4.107116	15.32206	4.102172	11.02011	NA	133.5489	157.6143	22.23772	32.86579	17.53011
CUST_29882_PI429010886	N60745	0.000280584	18	3						73.08027	71.3958	56.63612	72.94835	74.99403	68.10466	70.01129	67.51408	59.14128	61.08411	62.50267	63.64767	53.36088	43.63653	57.47217	52.6814	72.36965	55.22014	60.78548	75.71093	54.76127	76.31853	74.12935	67.15403	53.17104	65.63872	53.48617
CUST_40388_PI429010886	M54962	0.0002813	21	15						369.1521	483.7942	295.9223	447.0887	168.1532	262.6219	590.6124	531.3775	381.6653	1064.673	468.8585	139.2427	606.9823	540.2756	366.0882	1908.561	732.0587	1551.452	906.8146	823.5364	1171.1	1326.72	144.5963	794.9446	424.3124	124.0485	338.993
CUST_50861_PI429010886	M91260	0.000281667	12	3						30.40311	33.5653	18.26774	71.3181	19.49003	85.38787	63.14866	51.78206	48.46283	23.6825	21.64165	17.89355	61.39667	83.09656	65.309	185.3397	74.42622	94.47843	57.08761	20.23623	58.42497	7.99563	49.07635	18.13167	32.62695	63.59136	10.83697
CUST_29617_PI429010886	N60223	0.000286444	15	9						24.98354	27.09506	44.62591	50.37855	42.45213	43.65579	38.11477	49.72483	24.25128	56.93927	54.16578	72.42903	42.77417	42.69941	43.99536	43.55661	22.17612	39.36946	35.77181	36.04308	32.22863	57.56952	49.62	59.33452	52.68847	50.36694	63.84124
CUST_40772_PI429010886	M56050	0.000286601	21	0						15.88147	19.49649	23.64075	9.991081	14.39043	13.39103	7.234145	13.47557	10.82105	9.6637	14.83387	8.798487	6.218813	10.9779	12.67619	21.46399	12.67448	15.26868	17.36938	13.59114	11.50709	28.68485	12.93627	22.20311	19.55278	16.68416	16.31601
CUST_51234_PI429010886	M92742	0.000287227	18	3	121484199	cuticle protein CUT8 [Portunus p			1.73E-18	11395.49	377.2326	13360.37	18146.2	22221.29	19341.82	613.1951	1940.134	2057.214	8631.841	18198.77	12236.09	8430.296	13222.77	11881.91	169.022	327.3332	146.7486	3114.68	2867.707	3098.696	13419.52	17210.94	14161.49	3349.165	9999.789	9301.136
CUST_43553_PI429010886	M63341	0.000287607	21	12	241105590	conserved hypothetical protein			6.12E-40	80.46117	96.07003	116.9474	50.0937	53.47447	55.42689	112.4069	62.65711	120.4478	120.8427	56.26015	134.0408	177.6455	103.9393	124.8368	155.0383	58.78081	143.902	148.0023	114.5807	41.84178	113.9699	73.99941	106.6811	56.03078	63.96849	54.19934
CUST_45520_PI429010886	M69365	0.000289212	24	3	220172369	cuticle protein [Rimicaris exocul			1.62E-09	12191.65	185.653	11112.95	16491.53	12921.27	16760.98	304.096	800.3618	430.5713	8321.498	16622.66	11475.48	6584.064	7872.926	11138.2	101.0257	100.6344	120.9342	531.7033	1026.487	708.4537	9759.347	6068.533	10017.83	890.9879	2744.675	2670.787
CUST_19237_PI429010886	N41228	0.000289212	24	18						144.5615	157.847	138.4795	144.495	72.59454	126.1267	127.9686	68.95833	124.0046	178.447	133.5662	114.6993	76.01297	140.1608	151.8566	229.9275	131.0463	186.5368	157.4566	213.4477	231.626	180.729	138.4144	183.7819	218.1822	159.3992	172.6851
CUST_39992_PI429010886	M48025	0.000292827	24	3	220172369	cuticle protein [Rimicaris exocul			1.29E-22	29219.06	482.1823	25703.26	36302.66	31659.39	25888.13	762.4429	1631.254	909.1828	23324.95	35157.95	25065.69	14363.02	18613.15	21590.74	149.0864	267.3212	243.2347	1164.205	1935.604	1069.345	24289.54	9629.338	17623.06	1834.729	4646.072	4616.026
CUST_7594_PI429010886	N21780	0.000292827	24	15						210.4014	432.1282	347.0422	272.0128	75.23071	198.0058	639.2868	512.7881	357.296	547.3976	226.9579	243.5905	555.5824	288.1795	381.849	727.0088	665.59	724.6231	530.4682	207.6552	578.6613	279.6157	379.158	362.8786	336.212	336.5251	387.1258
CUST_47693_PI429010886	M77197	0.000293158	18	12	321464079	hypothetical protein DAPPUDRA			1.29E-65	4.421565	NA	NA	NA	NA	6.770096	14.63859	17.19904	5.844628	27.6893	19.5652	7.414538	18.10243	21.81818	22.38961	14.73247	13.3975	15.8318	10.05625	NA	4.056541	7.328935	NA	10.78644	18.56115	13.61097	NA
CUST_33070_PI429010886	M5896	0.000293501	24	21	260816654	hypothetical protein BRAFLDRAF			2.43E-134	26.81298	47.88053	45.75395	30.61698	43.88916	32.09223	25.16449	40.53975	30.06311	30.05953	31.50642	25.76125	25.01036	26.87469	29.59163	40.2126	56.08051	46.59051	44.60802	53.55568	41.57926	41.65139	56.97506	49.4765	42.68213	38.35003	43.00281
CUST_2170_PI429010886	N11768	0.000293501	24	15						49.55941	85.09153	64.75498	61.5382	53.45604	54.68333	18.7792	63.54768	42.33888	80.6925	79.25889	74.00845	106.1184	90.98859	106.5634	105.2562	117.5696	130.1383	60.70253	84.40775	57.18737	122.1883	72.24298	106.2214	103.5272	73.60215	78.49976
CUST_47352_PI429010886	M75744	0.000296442	24	15	328899629	ribosomal protein L36 [Procamb	Protein metabolism	Ribosome biogenesis	1.7E-14	980.3183	1505.771	978.9259	996.7263	1133.812	895.1277	1676.984	1281.397	1171.1	1512.535	996.3906	1513.287	1141.401	1164.205	1228.382	1812.631	1842.758	2080.932	1543.558	1288.693	1562.544	1215.073	1449.959	1581.87	1356.93	1202.808	1509.047
CUST_38691_PI429010886	M29132	0.000297755	24	12	238630920	rhoptry protein [Plasmodium fal			3.8E-14	3124.619	3731.866	3043.672	6845.752	1749.36	4427.539	12743.08	5336.579	11455.94	3237.866	13503.69	3050.493	13078.51	16221.54	8417.477	2037.287	11475.48	9194.226	877.7497	3222.8	1517.515	1022.285	2717.569	2809.488	681.5295	1124.051	1661.512
CUST_20224_PI429010886	N43050	0.00029817	18	9	242009647	conserved hypothetical protein			8.28E-46	24.6974	34.5207	38.99311	26.28128	32.62382	24.13994	38.02572	29.666	39.69061	39.62294	83.4637	41.57553	44.22224	31.80823	67.5936	52.6597	42.18222	38.01289	39.88097	30.44146	38.89512	30.77017	33.6128	31.98798	29.33369	34.82911	33.97232
CUST_9489_PI429010886	N24724	0.000299112	24	21						28.51774	43.87393	43.32213	27.62298	40.31371	31.83006	22.22355	36.99679	32.46193	27.7582	33.2143	21.55742	35.38735	32.4427	26.44115	28.3901	35.58267	37.42766	27.65161	33.49057	36.71405	45.43624	48.31614	42.11956	32.58867	38.21258	37.86955
CUST_2077_PI429010886	N11512	0.000300057	24	3						345.7435	182.2609	272.2877	379.7764	468.9491	444.244	293.835	217.9435	297.0848	201.6917	263.893	298.6917	266.1014	333.1336	287.1316	117.5273	85.77379	61.0054	239.0862	220.2503	220.2503	312.8962	327.1238	283.4149	181.6944	244.537	261.3125
CUST_55216_PI429010886	M109148	0.000302008	24	6						42.74631	75.6543	62.50267	67.56678	126.2375	75.00197	135.209	65.67004	118.9614	49.69782	99.79674	46.63196	33.56909	77.01155	46.36381	17.2551	36.31991	32.38584	45.81835	67.54737	33.13557	55.53662	94.50451	28.18616	80.41731	58.14687	38.89189
CUST_37803_PI429010886	M21665	0.000302073	21	15						712.6985	3611.195	1587.909	802.4687	217.8383	563.9832	4685.458	4080.702	4058.337	1401.131	439.4254	633.4883	2194.43	1645.987	1401.718	3371.075	5467.822	5209.792	2053.392	2065.743	2127.944	1009.169	1994.973	999.3353	1285.646	1148.933	772.308
CUST_24820_PI429010886	N51300	0.000302226	21	0	383856504	PREDICTED: actin-related protei	Cellular component orga	Cytoskeleton organization	4.57E-52	17.69186	14.80209	13.43787	4.7072	NA	8.550634	11.10613	8.447449	9.252611	7.800199	9.048157	8.376444	NA	11.12634	9.11873	13.33647	5.490942	14.17824	9.710211	8.38931	9.328141	10.39886	14.33538	15.89766	13.40089	12.23889	13.16499
CUST_13016_PI429010886	N30443	0.000303526	15	9						479.1083	297.492	360.8837	187.8136	150.9231	112.7172	183.411	158.2397	129.1152	163.1045	531.8423	416.778	192.4289	395.6891	361.5772	248.9012	312.7556	416.3476	90.63409	155.6261	127.7162	151.1207	263.7057	354.8596	210.0927	610.6881	847.8182
CUST_19275_PI429010886	N41294	0.000304407	21	6						76.5633	82.91936	62.04596	79.40591	198.1201	127.8904	108.1859	105.946	88.95701	88.27501	111.371	96.79055	82.67536	94.54537	119.3462	96.60811	104.6784	79.45422	66.28735	86.76212	75.28314	54.5198	72.14124	60.36476	105.0177	114.8354	97.18737
CUST_12899_PI429010886	N30230	0.000304543	24	0						42.4997	112.3846	48.68665	NA	48.68665	40.90141	34.18834	59.93426	40.82537	35.01636	34.63148	38.36719	62.1238	53.04169	33.94092	23.17242	17.00074	5.698886	43.68742	4.585303	28.63092	43.21465	50.97745	3.369289	94.62002	99.37198	109.6887
CUST_26136_PI429010886	N53730	0.000307287	24	15						105.4159	119.8471	108.663	96.79055	84.88526	85.16727	150.2498	88.43455	136.8369	169.9145	110.2586	104.173	137.4424	86.956	97.60846	158.2931	160.9133	167.1289	158.3928	124.8106	148.2557	161.4921	117.4173	117.3106	153.7917	110.8779	147.5021
CUST_19862_PI429010886	N42337	0.000308244	18	15	321461251	hypothetical protein DAPPUDRA	Transport	Protein transport	4.23E-18	448.34	576.0861	404.2408	375.7494	279.563	364.2801	511.6359	448.0132	436.108	559.2886	348.2785	402.5585	496.3451	345.4356	386.8846	540.61	555.2007	607.8959	412.4307	436.3894	444.5929	317.0778	380.5457	344.6427	388.9715	402.1648	463.7632
CUST_14005_PI429010886	N32161	0.000308819	21	3						101.508	110.7598	112.073	129.6173	130.7693	136.0268	123.5107	109.0197	130.174	123.5457	128.8978	98.5911	148.4879	100.3265	127.9454	105.9898	122.6496	89.08902	88.4112	102.8535	114.8511	98.61391	124.1913	111.5617	137.6019	131.3388	145.1606
CUST_32827_PI429010886	M5202	0.000310516	24	15						29.55431	20.73675	43.21882	28.65291	23.93602	29.56665	27.03345	30.47418	18.01013	31.72419	27.56589	22.60966	13.53119	47.75189	55.02143	48.07833	68.64219	65.79182	39.99568	35.16853	43.98997	32.03079	30.70425	37.53998	54.71169	41.22261	31.96656
CUST_5957_PI429010886	N19425	0.000310743	15	9			Nucleic acid metabolism	Regulation of gene expression		96.13685	99.56289	105.8028	73.14068	114.6993	83.58359	80.48196	92.31393	97.3611	104.9226	119.1547	117.2948	96.19976	86.73529	89.3199	95.45574	76.82742	86.02033	91.22685	89.53408	72.55053	105.746	98.40391	102.2726	119.9092	118.7939	134.5963
CUST_32686_PI429010886	M4811	0.000316399	12	6						812.4851	1168.291	798.0084	1303.295	1074.917	1027.321	1077.531	1512.535	1278.88	1121.501	889.0282	1191.902	1038.012	997.2176	1070.493	1513.832	1441.945	1564.909	1371.826	1807.527	1802.44	1202.808	1546.88	1455.41	1042.748	1047.139	982.3643
CUST_43451_PI429010886	M63096	0.000316987	24	18						12.28481	9.082829	11.75627	6.9169	3.671989	3.207123	6.531481	26.23786	22.74972	33.13557	NA	12.20801	98.79304	94.51495	NA	7.56114	16.90983	17.25943	52.87075	217.909	210.7377	22.38325	NA	32.39325	78.18007	18.70945	56.9001
CUST_34485_PI429010886	M9806	0.000319023	24	15						346.1837	494.8296	429.8212	365.3294	340.7195	315.0449	302.504	356.9618	247.7427	493.5638	363.1656	375.7494	386.0289	346.5231	329.3762	485.1077	520.31	530.4682	441.7626	462.9596	528.895	435.0369	387.4512	467.5708	329.6536	457.0998	539.7737
CUST_7369_PI429010886	N21441	0.000319023	24	18						109.1836	183.9971	155.2643	134.5716	139.0478	141.7833	137.8428	154.9682	150.5856	141.1702	136.7201	119.1208	146.1694	158.5618	138.9364	187.286	171.5864	185.4321	186.3924	193.2061	162.3844	176.5842	161.0739	198.0058	183.9744	151.6381	190.2455
CUST_2276_PI429010886	N12010	0.000319697	18	6						17.09822	20.6404	21.09878	39.27561	28.27048	4.113049	60.87753	229.5682	74.78378	28.80453	15.13397	12.32661	54.91706	55.75291	110.0054	15.97652	4.002598	8.300487	10.43842	NA	6.333731	25.02499	NA	29.11747	NA	407.2747	NA
CUST_39673_PI429010886	M42689	0.0003198	24	12						4279.69	13193.16	6864.217	22092.06	8713.974	16323.5	24825	36802.85	50283.97	4378.72	55705.47	7912.634	28743.72	39540.76	16801.9	12765.38	19287.83	16411.2	6079.326	8750.959	11138.2	4548.63	9980.233	9345.369	1282.19	5068.287	6622.666
CUST_282_PI429010886	N3400	0.000320252	12	9	82795517	arthrodial cuticle protein AMP1			0.00000042	8984.262	6079.326	8786.531	7937.877	9056.645	6592.219	6885.506	3804.856	7704.294	11228.98	13988.25	10852.86	13790.46	6523.544	10090.54	2659.616	2482.212	5197.224	6249.252	7597.158	7290.969	15367.74	16106.84	15553.93	6500.649	11822.99	14642.96
CUST_29532_PI429010886	N60051	0.000320568	24	15	240989783	adenylsulfate kinase, putative [I	Metabolic process	Nucleobase-containing compound meta	0.000000347	72.22265	68.02537	76.22837	84.45954	85.45046	96.68164	96.19976	105.1207	112.6997	87.71525	127.8904	18.94041	100.4643	106.2889	76.19975	159.497	147.7951	107.9954	128.2877	105.0886	144.5963	116.0037	81.07096	89.19083	99.72851	59.93426	82.85507
CUST_14380_PI429010886	N32785	0.000323277	24	18						210.6647	322.5903	253.5194	208.1829	226.4631	203.0154	187.8778	302.9304	252.9258	188.7199	245.4129	198.334	259.5745	306.1538	170.7219	287.938	366.6368	326.4068	300.0533	386.4267	478.8721	257.1925	367.876	309.2002	339.5673	319.1468	348.473
CUST_35716_PI429010886	M13289	0.000323305	18	6	157134262	mmr1/hsr1 GTP binding protein			2.07E-63	35.55192	67.17319	47.16128	40.83819	45.74256	57.83575	73.93804	97.21065	91.29948	94.67757	71.12138	63.67462	58.72904	66.65338	69.76252	58.60167	92.2966	68.67272	52.05686	57.52657	61.45632	57.53339	84.6671	70.26755	70.36116	88.57697	79.62962
CUST_9602_PI429010886	N24904	0.000323369	15	9						81.1468	83.40132	85.43893	61.93359	117.9157	100.3625	74.73696	84.47977	82.67536	133.5489	143.0166	186.6982	59.26831	113.7563	116.6823	79.30248	48.8281	54.29543	59.74362	61.11356	67.58778	122.2649	85.26437	169.34	86.55254	130.0053	168.902
CUST_83_PI429010886	N536	0.000324111	12	9						45731.6	11503.97	44511.54	64273.41	24984.55	33076.81	25888.13	32798.44	53773.55	70445.35	112823.1	49649.01	100092.3	33402.18	77887.6	3862.287	1620.506	4415.56	54162.9	43280.43	69178.17	79085.89	111377.9	115488.3	58747.16	82776.25	120946.6
CUST_56163_PI429010886	M112998	0.000324627	24	3						41.29379	17.4695	10.45873	24.53712	68.35388	55.87434	32.33466	30.69521	20.37081	NA	22.71218	48.1462	10.10725	21.70891	26.66045	20.56418	4.535494	5.243557	8.362495	16.45406	5.210982	NA	15.16581	3.896876	NA	28.88374	NA
CUST_6575_PI429010886	N20291	0.000326929	21	6						52.29097	42.42877	50.40096	62.96095	54.48188	44.83298	66.24674	307.6702	71.46735	70.50377	52.03532	44.69425	52.79948	29.00584	46.2068	34.37139	42.57027	58.04431	39.80982	38.55172	49.96129	42.75542	38.25388	47.39234	57.47217	74.35572	96.69796
CUST_4822_PI429010886	N17554	0.00032738	15	6						296.1058	734.4362	1159.214	654.5389	430.8354	66.54171	1543.558	2524.402	4602.898	272.9604	338.7418	80.11297	284.7236	169.1505	129.5473	215.8727	999.5752	826.9656	2654.193	1008.859	3327.482	696.7992	5872.99	6559.55	978.9259	308.1912	946.146
CUST_10085_PI429010886	N25668	0.000327734	18	0	348576308	PREDICTED: molybdenum cofact	Metabolic process	Other	1.07E-30	19.13763	17.08055	20.55824	10.77882	16.79753	8.241594	10.36053	12.01856	6.533775	13.98312	17.14498	8.573258	18.08416	9.483977	17.46376	16.56014	14.31736	15.90885	19.48308	18.14415	19.77172	16.45936	8.249733	10.30655	8.217462	10.48651	17.38217
CUST_38016_PI429010886	M22785	0.000329004	24	15						31.8936	133.4611	88.17603	391.9617	198.9444	319.3342	265.541	376.8731	426.1948	52.33755	584.9829	254.6677	221.8856	434.1663	130.586	525.6391	343.8057	530.0108	189.054	94.29714	223.5106	115.9671	71.98615	122.51	28.90914	49.57699	47.42168

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_15416_PI429010886	N34537	0.000331419	18	6	383849023	PREDICTED: mitochondrial folate			8.61E-43	87.38427	142.8249	96.26661	104.1889	130.6615	110.9284	109.8243	119.9092	113.9812	113.4873	135.8804	41.36945	112.5544	76.6076	109.9654	81.08936	81.00976	95.57738	91.52744	95.53167	100.5377	103.7748	113.5495	110.7898	122.1097	120.6989	138.2294
CUST_1862_PI429010886	N10901	0.000331827	12	9	260793808	hypothetical protein BRAFLDRAF			1.05E-13	7695.811	251.9129	6358.535	8098.961	2141.9	3712.526	1981.815	549.8031	1769.667	11932.74	11881.91	7950.355	12473.12	3281.159	8269.17	185.8751	322.8914	284.3354	3786.16	1929.095	4503.776	10532.72	13446.51	16106.84	4368.987	6592.219	11378.62
CUST_52661_PI429010886	M98363	0.000332943	24	0						505.369	442.1242	433.9196	632.4923	362.3548	421.977	247.8796	298.8719	383.0448	442.023	265.6462	409.6221	326.9292	203.7183	234.5996	315.18	452.6806	257.3902	320.381	230.859	234.791	376.7239	468.6225	403.3938	489.7282	424.2083	442.8695
CUST_16877_PI429010886	N37011	0.000334486	12	0						100.1798	98.84501	95.38758	66.1472	58.29201	53.21446	52.50511	72.64707	94.16687	85.1761	86.31943	83.3741	81.36078	87.68846	95.39909	61.83411	87.53029	70.89953	54.64003	76.40541	63.4481	84.51406	69.73149	70.80726	119.4473	80.91667	111.9958
CUST_11102_PI429010886	N27266	0.00033522	24	3	443731537	hypothetical protein CAPTEDRAF			2.1E-25	8.174815	6.804117	8.737286	12.99802	39.72002	26.96013	5.58216	12.55527	6.956141	8.494969	17.54652	12.46202	NA	5.897189	6.422559	7.187709	4.372438	5.178823	NA	NA	5.195666	6.004064	5.22459	10.21893	6.070219	12.99937	5.890677
CUST_47157_PI429010886	M74994	0.000335686	12	3						20.83583	25.60678	19.28481	30.52273	27.22159	32.42334	15.06042	21.4181	28.13189	11.09687	11.00087	19.94626	24.92985	22.41889	17.93358	23.53464	28.7875	28.15447	21.87746	15.78015	22.38325	20.41963	14.70241	22.87902	34.76036	16.52067	18.80373
CUST_30117_PI429010886	N61207	0.000336292	18	3						21.76706	15.59063	25.2729	40.59088	23.38479	33.94389	11.98023	15.19323	36.53104	23.61619	24.4152	25.16166	14.68427	11.52497	17.20227	12.6478	12.10978	11.45624	15.37323	23.94374	23.18509	23.58742	27.13005	33.22428	13.97597	24.32431	31.65828
CUST_15762_PI429010886	N35097	0.000336696	24	3						50.97745	27.75337	33.33002	41.55628	94.815	53.081	37.18674	50.98258	31.66129	44.05907	47.28223	57.35611	36.73983	52.2967	38.87958	43.55336	36.67874	31.22862	29.87124	30.90184	22.64435	32.88915	32.3135	23.19056	47.11505	46.63617	32.23579
CUST_41920_PI429010886	M58884	0.000338292	12	9						93.89302	52.76213	101.2406	144.389	82.49497	71.61601	56.18757	110.6946	123.3207	130.3816	324.6618	103.7569	179.7028	96.91497	80.63078	44.04067	50.93881	49.00524	106.2214	135.6848	77.62481	176.1711	327.0634	248.4015	118.6245	213.853	188.3904
CUST_31453_PI429010886	M1557	0.000339544	12	3						183.9744	218.3991	178.5273	256.3549	254.3715	271.3104	267.555	257.5532	237.2821	235.4202	219.5016	234.1016	243.453	218.5351	251.9129	341.177	308.2378	296.3981	287.3062	245.8656	279.8449	201.258	217.1972	239.7136	263.3104	247.5032	241.2716
CUST_6118_PI429010886	N19653	0.000340603	18	6						24.15844	28.64244	34.39364	28.28196	18.14784	25.34302	43.48958	34.42224	55.22014	33.42535	28.75373	36.28429	35.43842	38.42576	15.74083	27.23388	29.16024	28.75654	23.98666	17.77119	13.55428	24.12361	30.8343	19.32331	29.36117	59.5633	81.10019
CUST_45180_PI429010886	M68247	0.000341166	18	9						4.750576	13.31134	14.66204	11.29632	7.164507	13.87017	13.00824	12.1946	16.55114	31.86686	14.81156	22.19592	19.30987	17.41463	10.87896	15.52955	9.528739	14.69726	13.41897	9.875893	10.21185	10.10592	5.704366	11.57746	16.38858	14.60927	16.28863
CUST_35529_PI429010886	M12799	0.000341309	24	21	321472565	hypothetical protein DAPPUDRA			5.04E-32	80.85368	61.57198	96.45691	85.00598	60.45051	60.0766	40.08729	43.67914	51.02509	83.6658	54.46319	55.25246	96.22172	46.07508	80.1827	59.21803	63.2206	44.90369	134.3827	63.14073	72.14124	156.0675	89.37424	120.4647	195.8396	77.08119	174.1094
CUST_48032_PI429010886	M78614	0.000341309	24	21						100.1152	113.0037	107.6547	75.88424	108.298	88.15439	65.31526	80.24156	84.14449	80.12221	83.24757	111.0363	67.06332	82.05798	107.3799	108.3981	102.437	98.01972	104.8945	97.97101	122.7362	118.8608	110.3412	117.8598	110.0862	116.8305	136.7059
CUST_20952_PI429010886	N44362	0.000341704	24	12						7.255904	39.26844	15.58431	48.69222	46.6169	31.62985	66.79456	45.24721	58.72446	60.11411	52.06198	42.75542	74.10459	68.32149	37.15987	25.84968	52.9338	41.81524	50.30283	69.95424	68.67272	21.27506	37.28248	7.817615	10.84443	19.51186	18.25369
CUST_3961_PI429010886	N15668	0.00034171	12	0						92.55588	71.3181	88.91387	69.22757	53.38027	67.05704	29.95632	52.65281	58.78776	69.4807	76.11372	64.26444	63.66743	84.69767	103.3338	76.78462	63.54017	85.66787	70.10685	69.04786	59.64761	114.2058	68.68072	84.37355	114.0013	86.54102	123.0785
CUST_22591_PI429010886	N47290	0.00034324	24	0						NA	18.7418	NA	8.746049	NA	11.63737	8.366851	10.23503	11.98023	11.84993	14.5111	NA	10.0894	7.016143	NA	4.296884	6.25226	4.325219	12.06492	10.3668	13.42624	11.34074	7.230351	16.09389	15.60788	14.60252	NA
CUST_764_PI429010886	N7213	0.000343375	21	15			Metabolic process	Carbohydrate metabolic process		20.62453	1099.849	22.07673	1147.873	46.27549	1087.147	2153.531	1758.225	80.73093	658.1324	588.9309	64.12746	2214.163	752.4222	1799.736	3022.554	2368.349	2177.847	963.404	39.05628	889.0282	37.9908	114.8223	48.89327	514.7289	379.6985	13.75076
CUST_41681_PI429010886	M58300	0.000343403	12	9						5184.879	233.3746	4392.913	5451.324	1234.088	3801.741	389.8933	368.0554	537.0249	10815.88	11455.94	7327.614	9345.369	1585.44	7111.995	46.49868	58.58735	74.27281	1717.387	772.308	2168.846	7673.313	6201.489	8619.889	1279.64	1965.01	3851.521
CUST_1137_PI429010886	N8611	0.000344545	24	9						25.97276	66.94807	17.79195	50.58432	58.48301	51.01468	19.60994	35.96649	35.02468	65.06618	63.64767	36.9244	38.12534	45.93656	23.39255	18.77257	51.79467	31.53769	12.3285	4.676114	11.33181	21.03874	19.35309	13.15166	10.40975	25.46688	19.75521
CUST_14908_PI429010886	N33673	0.000345077	15	12	321470439	hypothetical protein DAPPUDRA			6.89E-11	36.80294	29.58887	41.40683	38.65654	29.68598	30.92873	24.57559	27.85041	31.84584	33.39499	32.28459	35.01298	42.6416	32.87709	37.07884	32.48749	33.9424	34.8722	28.23949	30.80078	28.12879	25.68152	21.3729	31.4973	45.62734	31.62493	45.44669
CUST_12529_PI429010886	N29607	0.00034604	18	15						17.5783	105.9997	24.55645	50.41173	10.06809	53.92132	80.23561	85.83911	36.9244	92.90072	58.82712	27.90958	70.13338	88.15439	80.97133	149.6649	165.3421	159.4235	106.9946	20.37574	63.76387	31.04302	19.79906	35.02468	79.90962	59.96603	19.27054
CUST_39951_PI429010886	M47399	0.000346085	24	12						339.1735	410.2255	272.2328	1275.515	595.2796	819.0741	2317.529	793.2617	2611.542	437.4032	3105.612	219.923	3899.124	3062.683	725.3859	773.969	2188.815	971.9693	697.9099	420.3226	739.59	206.0776	1041.894	1166.709	198.0058	153.595	291.4994
CUST_16937_PI429010886	N37107	0.000346293	21	15						13.30176	52.73695	6.411708	7.26329	NA	NA	19.5898	17.06087	3.7666	54.344	NA	38.25388	50.69492	60.90419	44.67899	8.949447	87.92365	103.2872	76.59026	42.92652	58.13362	34.33515	228.7039	NA	4.72816	3.817178	4.248297
CUST_39599_PI429010886	M41629	0.000347603	24	21	326781695	crustacyanin subunit A [Fennero	Transport	Other	2.6E-30	319.3967	84.33008	333.6191	496.9611	123.675	291.8765	23.40329	77.78826	117.4006	176.0973	235.738	128.2119	331.2753	NA	254.7629	29.3403	256.2294	25.43349	440.5339	132.9821	334.8644	1191.068	332.7289	941.7984	515.109	142.9154	294.0637
CUST_38638_PI429010886	M28729	0.000347829	21	12						444.7023	243.6336	535.2394	450.4965	98.05836	332.8862	347.4772	624.2116	554.6469	455.6054	585.434	195.0513	621.614	579.6417	626.2886	136.4064	347.9094	115.6552	73.27988	137.3189	36.56104	163.4271	162.7602	265.9831	279.4339	238.025	355.7553
CUST_22349_PI429010886	N46870	0.000350533	24	3						64.57231	92.2966	62.50961	196.2948	181.7506	163.4271	80.68221	104.2473	88.96871	80.41026	212.8318	156.0305	99.00226	106.8499	141.6537	58.18021	68.20885	62.86957	48.21771	53.91461	46.11508	115.5828	114.5979	139.3908	57.08761	94.54537	99.22393
CUST_26597_PI429010886	N54510	0.000350533	24	21						126.7896	212.5696	162.9694	140.5662	105.6309	140.8152	109.3748	109.4096	120.2076	134.0408	146.6816	134.1449	127.8904	111.2293	90.07438	175.0487	246.5526	196.0115	170.9936	172.0707	210.4367	144.035	244.4333	258.7813	180.5627	229.393	211.2323
CUST_16490_PI429010886	N36326	0.000351479	15	6						6.077489	5.847915	8.542873	11.708	11.72346	11.45197	15.30443	13.77603	12.78096	9.442403	NA	7.409255	8.158467	6.323496	7.446593	7.414538	9.585902	5.063453	11.85264	6.491698	18.21466	14.43829	17.32917	10.73437	16.8636	9.197706	17.29812
CUST_8265_PI429010886	N22795	0.00035223	12	6						1088.703	672.9412	606.7201	865.141	112.0856	702.325	3029.351	3379.597	2516.066	1497.856	362.9291	775.0084	1014.541	948.7571	353.2411	5736.233	2383.479	3401.586	1540.275	4150.213	6183.806	2268.13	812.4851	1001.191	436.5051	198.4091	218.889
CUST_35451_PI429010886	M12607	0.000353047	21	15	295639972	chitinase 2 [Penaeus monodon]	Metabolic process	Carbohydrate metabolic process	5.36E-143	26.77594	58.03893	17.85602	48.56063	20.32715	36.63747	75.95975	46.26072	55.26296	259.2692	108.4858	31.07888	59.07254	63.12641	36.47269	333.4754	182.9006	260.3413	153.5706	29.01236	147.5021	34.29441	33.65745	30.12442	58.18757	39.98414	19.91041
CUST_37800_PI429010886	M21652	0.000355102	21	3						528.6354	533.5339	89.7242	262.5725	8321.498	7653.847	658.2775	2432.608	466.3373	31.673	4234.05	4727.546	22.83375	1608.753	1880.339	4.120124	17.8915	10.28202	37.61646	4253.847	28.0761	57.39735	722.545	53.89829	NA	4090.127	NA
CUST_12995_PI429010886	N30409	0.000355145	24	21						182.2908	175.63	255.7585	178.7424	122.5288	201.983	144.0796	132.4344	153.47	194.6096	149.1772	167.4695	142.8448	174.3818	159.9962	227.0582	198.4987	217.6136	257.3491	185.2539	224.2516	265.3922	220.5454	198.5315	270.3263	292.1626	240.3468
CUST_39480_PI429010886	M39996	0.000355207	12	9						3331.869	1235.266	4190.519	10017.83	4517.506	1314.02	3724.515	3918.531	8098.961	9516.402	15585.38	6171.545	13503.69	3715.857	6461.658	173.8666	132.0176	236.9175	11395.49	6226.747	14858.64	16183.31	30821.46	29949.84	14189.5	14548.28	25343.01
CUST_691_PI429010886	N6778	0.000356851	24	15			Cellular Process	Cell differentiation		194.821	238.6215	243.0247	227.4234	187.0484	196.7753	188.4673	225.7463	237.8029	227.3167	189.6097	212.0999	239.5431	182.547	200.6783	265.6462	282.172	271.3703	243.9147	280.5879	258.4714	231.4591	253.4358	234.9137	241.0614	201.8328	250.0252
CUST_31916_PI429010886	M2729	0.000359758	24	18	187608367	uncharacterized protein LOC100			3.88E-31	23.0693	49.76639	35.01298	21.68208	33.77513	28.39612	46.47246	49.45288	49.77832	41.59303	39.43512	39.67383	39.44669	45.87769	41.32287	38.64548	62.34647	47.20876	65.0271	76.47464	58.37796	49.46595	46.21776	48.62526	39.87751	40.27208	43.17122
CUST_2191_PI429010886	N11830	0.000359758	24	21			Protein metabolism	Cellular protein modification process		818.3565	647.0623	715.878	649.4957	377.6097	447.6336	324.0369	323.9561	367.4169	763.8013	518.2326	555.0536	954.4926	274.0938	818.7919	735.5518	587.0902	399.0134	1380.017	479.1083	794.0736	1512.535	795.5533	949.6232	1879.179	660.4277	1403.719
CUST_32119_PI429010886	M3277	0.000362736	21	18	321476145	myosin heavy chain isoform 3 [D	Cellular Process	Cell adhesion		80.13048	99.79674	88.81146	120.8147	109.762	87.61045	112.5697	91.62496	92.56838	81.78148	72.46811	82.1262	78.5366	75.054	55.09433	83.59991	145.4106	146.5222	101.1701	137.2489	212.7978	110.3861	128.5824	124.991	95.74045	96.18658	97.47634
CUST_50165_PI429010886	M88895	0.000363538	24	12						48.43357	34.28012	14.30044	53.13079	192.8968	163.1533	93.19639	72.52587	89.97113	34.32863	100.6045	120.5852	34.28288	205.9122	184.7904	105.9997	49.26677	60.53935	51.41072	42.92948	52.07351	26.63581	12.99612	16.54048	18.11193	40.40244	22.80766
CUST_15320_PI429010886	N34395	0.00036437	24	21	478259909	hypothetical protein YQE_03768	Developmental process	Nervous system development	6.96E-69	140.5297	114.4742	152.1914	103.6054	126.7896	120.6989	96.07979	104.2696	107.332	138.7083	85.22534	129.0291	106.2659	129.4603	153.1826	159.7027	131.3179	178.2736	118.4588	141.1475	128.9165	176.3724	148.4879	195.9604	187.9849	135.8001	171.7821
CUST_22379_PI429010886	N46925	0.00036437	24	21						182.5355	223.4669	234.5996	194.8463	127.4702	129.7338	99.69334	188.4673	163.488	127.4883	218.7863	163.6909	243.1406	189.1569	250.6739	146.2442	279.7784	242.5947	224.2026	205.8558	198.257	249.8271	271.3703	282.172	170.1187	220.2176	246.8683
CUST_33706_PI429010886	M7662	0.000365099	24	6						132.2497	130.3258	166.838	152.096	121.8531	172.3438	203.6502	175.2065	319.3967	157.1577	211.8418	140.1608	208.5384	184.5044	119.8471	204.9422	171.2114	158.8716	105.4571	82.50222	76.89496	106.5634	90.05411	143.3502	125.0086	78.70208	126.521
CUST_7018_PI429010886	N20921	0.000366029	24	21						1823.25	3010.08	2393.197	1536.792	1779.656	1491.134	922.5025	1780.678	1789.218	1931.709	1818.148	1840.408	2954.482	1734.409	2642.585	2879.516	3675.29	2727.371	3751.984	2685.938	2447.506	3627.136	2736.432	2771.365	4539.587	2056.189	2835.943
CUST_40472_PI429010886	M55225	0.000367855	15	9	242008949	protein disulfide-isomerase TXN	Protein metabolism	Protein folding	6.44E-35	5.283967	5.486086	6.800335	7.915424	8.248627	9.466716	11.84049	12.80959	11.72519	22.37256	15.32656	8.81061	NA	7.495356	4.693356	4.897954	12.3901	8.601925	9.905888	8.394142	5.551574	14.2562	NA	7.423378	16.89173	13.28096	12.7792
CUST_44923_PI429010886	M67426	0.000368982	24	21						25.8625	35.95046	38.07503	36.48523	50.36694	38.89512	27.80262	33.15311	35.01636	37.63739	34.05764	9.398999	35.55503	30.52779	39.02298	41.19655	50.72013	44.03097	34.62127	35.11692	43.07048	54.27691	51.35849	58.16145	44.06952	42.52944	45.36304
CUST_8872_PI429010886	N23731	0.000368982	24	18						111.2105	113.1524	120.7979	109.2995	97.07924	97.64083	117.7627	118.0753	131.4868	115.984	135.8001	110.298	136.5823	124.0147	125.025	113.8465	146.5474	142.0601	122.9511	133.7211	163.4636	129.6975	130.2225	150.7041	128.9772	114.7628	149.2547
CUST_34711_PI429010886	M10429	0.000369902	24	0						6.029956	13.42334	18.15913	NA	5.78951	12.54744	NA	8.641728	15.36202	13.03008	5.396608	10.15678	5.446073	5.755702	3.683163	7.439076	4.636857	5.607023	17.54875	6.827125	8.243095	7.300631	10.51838	9.350524	25.41015	14.35144	14.75102
CUST_10494_PI429010886	N26323	0.000370409	18	3						3039.361	839.3829	3085.208	4217.01	5947.47	6255.734	1200.665	2915.434	2787.074	3428.918	6018.305	5601.899	6333.445	2608.106	4164.365	922.1615	624.2116	842.6773	2320.751	3744.093	2837.693	7270.382	9194.226	8962.903	3552.655	6298.27	8334.379
CUST_15665_PI429010886	N34948	0.000370409	18	3						11.28749	22.24587	18.85869	27.48203	48.33387	34.78692	27.29078	27.69944	34.72341	15.03281	34.86879	28.00878	29.54223	11.26701	34.48071	16.38187	16.66197	14.75816	30.03343	21.87085	33.11578	35.78636	37.29691	42.1572	33.54341	20.74174	34.4378
CUST_50754_PI429010886	M90892	0.000372136	12	0						266.8703	575.4805	547.0285	736.0921	278.4293	283.224	132.6606	381.849	178.576	460.5885	163.0633	535.4815	1212.026	305.7738	616.7748	129.7798	193.0271	159.0392	54.23896	117.6781	7.354982	35.45592	44.74502	21.46595	842.2205	570.1346	1205.686
CUST_48375_PI429010886	M80053	0.000373595	24	18						79.19058	32.84255	102.7749	54.03718	14.09547	22.9969	225.5545	307.9283	232.9121	93.88506	26.42112	53.47447	483.0822	242.4377	175.5738	254.4938	235.5705	407.9106	369.9026	1321.627	1426.897	228.6642	32.44868	156.3694	711.071	170.2707	412.5149
CUST_39547_PI429010886	M41111	0.000374801	24	21						20.41652	29.23556	34.1983	11.11405	20.81559	18.06394	17.15077	17.79852	13.85499	15.73263	11.55337	10.42463	14.41795	20.32505	15.01335	32.41159	30.77878	35.80909	24.22714	15.89391	17.5656	34.39723	19.72473	25.93001	30.4229	19.07007	25.57888
CUST_2033_PI429010886	N11371	0.000375283	18	3						1330.649	134.3589	1116.506	1268.009	960.5506	1190.571	173.8872	260.6535	244.5822	554.6469	851.1928	1053.829	593.6835	429.9294	514.8454	52.17564	33.33002	37.10235	325.1203	371.8649	204.7788	1573.048	887.2093	1375.234	287.3062	560.4998	549.1826
CUST_14222_PI429010886	N32511	0.000375283	18	15						43.65579	67.71277	44.32847	33.39115	39.62294	38.70471	60.50212	75.80655	38.7383	65.36387	34.51373	50.34979	56.734	52.52277	46.0486	78.33025	67.96036	65.41169	52.92831	47.15551	46.91122	44.6542	41.04183	40.32964	49.02346	56.84633	41.02997
CUST_48242_PI429010886	M79487	0.00037553	24	9	260795348	hypothetical protein BRAFLDRAF	Transport	Transmembrane transport	4.84E-22	53.43823	25.54219	31.47125	45.93201	202.3915	113.0557	57.11305	41.55059	50.51216	41.3582	113.0557	179.4316	37.93535	106.9946	111.653	43.79783	33.72382	32.43638	46.66635	28.29802	38.4343	24.36566	20.19245	27.59053	32.08859	37.97184	57.8894
CUST_51757_PI429010886	M94903	0.000379678	12	0						732.552	1282.861	1087.147	901.1852	730.0615	609.4415	527.3184	798.2619	684.8522	757.3112	1135.35	1219.279	821.2893	1074.104	1370.424	605.6304	817.7537	848.0782	566.888	591.4732	602.8578	941.0274	943.8069	976.1525	940.3723	867.6626	1404.214
CUST_9168_PI429010886	N24169	0.000380695	24	18						534.593	541.6936	430.3398	463.096	527.7959	426.5559	406.254	521.4036	520.31	496.2739	396.2592	457.8873	502.3264	394.8687	457.7423	535.2394	591.6487	611.6853	587.8441	592.0137	654.5389	585.434	641.1736	607.8959	708.4537	514.8454	679.224
CUST_41209_PI429010886	M57134	0.000380746	24	3						101.3884	92.16269	57.8894	67.13611	325.4289	286.8701	92.31393	206.2187	76.81667	28.87134	151.5648	140.5662	51.57473	34.12139	42.14237	17.24674	21.79685	15.25955	21.89409	221.9252	18.35318	80.47316	125.4804	39.17612	27.2264	364.4673	109.2995
CUST_13890_PI429010886	N31948	0.000380746	24	15						43.86651	98.41457	49.81991	37.34026	48.29273	45.34342	68.64759	51.24138	52.82485	45.59864	57.8427	45.76721	68.79187	77.19972	47.13519	69.96485	90.3848	71.27374	59.94044	69.326	59.00011	47.6343	67.40377	58.06923	60.39565	47.72449	46.43858
CUST_31300_PI429010886	M1166	0.00038119	24	9						3.078953	4.626825	NA	8.143822	14.20626	5.734979	5.989665	5.326271	3.679546	7.938175	14.70241	18.67988	4.17009	7.360727	12.38102	6.207673	3.717075	4.667487	NA	NA	4.135823	NA	4.0751	NA	3.587457	3.677248	4.516364
CUST_15019_PI429010886	N33874	0.000382819	24	18						172.8084	193.1768	183.1939	179.7279	174.5649	166.5631	192.2095	203.5811	214.5554	158.418	154.9422	192.4672	176.0219	247.3301	258.8836	211.9007	207.4443	239.0006	273.0279	266.8703	329.6536	227.1397	192.8532	245.5335	242.9432	212.4427	282.9651
CUST_12809_PI429010886	N30084	0.000382859	21	3	13898841	CUB-serine protease [Panulirus a	Protein metabolism	Proteolysis	1.85E-20	184.7058	299.3012	253.1207	180.3409	416.1276	337.6971	171.7541	179.7279	222.3734	179.4936	165.3421	173.9043	166.2655	169.2749	98.63138	204.7458	248.8552	192.7408	125.5101	93.8595	87.09988	190.0383	229.8267	232.0442	245.059	316.2435	232.9522
CUST_39829_PI429010886	M45317	0.000382951	24	3						1450.664	148.7099	855.0422	1648.551	7058.228	6116.36	164.071	1019.654	124.8855	179.9884	2795.798	2706.184	111.3048	2105.784	2584.904	39.8934	58.38713	45.48556	37.43476	1436.914	29.07492	376.5416	235.4574	329.7179	NA	1475.969	NA
CUST_41116_PI429010886	M56909	0.000385962	24	21	546685137	hypothetical protein D910_1193			4.37E-83	356.7674	379.0965	424.9756	345.514	323.2204	334.4355	327.5322	328.6973	359.5095	344.2242	321.4975	317.8651	346.5231	301.3784	339.077	514.4981	416.251	562.7989	411.5622	379.6086	410.9137	462.0354	389.8933	487.7778	410.7073	428.2506	540.61
CUST_6664_PI429010886	N20427	0.000387431	24	21	546686493	hypothetical protein D910_0015			1.85E-67	78.76138	98.29871	101.9483	73.80869	105.2262	95.98627	68.63358	77.87097	79.06068	91.82394	81.02819	96.27921	85.31441	83.08821	90.79873	87.75883	98.73078	113.0301	87.66036	88.85544	92.82706	106.3489	110.8928	126.4468	84.13391	86.07541	118.1075
CUST_31590_PI429010886	M1915	0.000391177	24	15						800.6803	1340.037	855.8718	902.1594	745.3715	654.1448	1145.735	1144.859	1129.142	961.4773	782.9344	792.599	1168.291	819.0741	830.1589	1274.879	1410.73	1583.518	1214.037	1265.639	1396.045	969.8589	1117.04	1150.764	1106.912	1013.387	1306.636
CUST_873_PI429010886	N7648	0.000391177	24	3			Metabolic process	Lipid metabolic process		24.49701	19.44404	18.63724	26.99962	33.75196	35.33768	25.5566	22.58254	10.08687	23.51724	21.63837	23.27322	16.31963	21.66219	14.61885	16.87762	17.68949	13.93814	17.44435	21.06721	4.200134	19.71996	21.05828	17.84159	18.69379	24.67085	17.01004
CUST_53911_PI429010886	M103676	0.000392611	15	6						909.9142	349.6396	1341.551	779.5767	463.1658	279.9265	3237.866	1519.636	4577.512	910.719	1984.393	762.8618	2285.617	799.5929	1063.832	350.0691	183.7151	384.0543	1770.862	1260.62	1988.355	1791.446	2968.824	2409.846	2221.308	1972.842	4863.888
CUST_19703_PI429010886	N42040	0.000393418	24	21						146.4225	158.0057	160.6804	133.2817	106.9946	108.8194	143.7853	142.4472	140.612	168.9237	118.6698	115.5725	127.1435	113.9812	102.3834	152.5742	134.4487	120.8608	126.7896	147.2139	135.9631	184.9936	172.748	167.0808	159.5977	136.8604	153.5202
CUST_31308_PI429010886	M1186	0.000395356	21	18	124626535	Litopenaeus vannamei actin T2 r				91.54439	139.1591	121.0004	110.0862	135.0936	89.88767	79.82778	95.44831	78.97649	102.8535	71.36454	79.1181	76.31853	75.2089	79.56634	106.1034	149.3159	132.5675	154.1589	106.1034	188.2922	93.60566	146.0289	137.7249	148.6649	91.56473	142.7301
CUST_19904_PI429010886	N42420	0.000399652	18	15						14.90046	32.86579	24.37229	17.89974	12.91017	13.4773	47.33949	28.01303	28.67614	47.1467	14.25789	26.30298	25.90356	19.66385	22.00011	51.72314	33.67688	37.04481	20.2341	17.96765	24.93768	11.16309	8.842249	19.28057	25.59017	25.24183	23.49891
CUST_30058_PI429010886	N61102	0.000400263	15	12						5.140584	13.0692	7.713675	7.484013	11.08963	3.664081	7.676016	10.32176	8.710796	13.66542	13.35744	18.22518	19.35085	18.92222	16.18532	3.883878	4.68663	9.382464	10.05333	4.252369	7.217315	NA	7.491826	4.459243	8.638059	13.21801	11.67212
CUST_39834_PI429010886	M45358	0.000400497	21	0	170574983	T-cell receptor beta chain ANA 1			4.06E-08	20.6563	9.043827	16.91699	16.23247	9.51357	8.015981	8.568381	NA	3.936804	8.739672	4.867806	6.359637	10.914	7.153945	8.259511	12.35137	10.21893	8.79359	9.24446	9.117714	7.792211	14.83032	10.06809	27.77493	10.26423	9.613655	7.113497
CUST_5731_PI429010886	N19116	0.000401609	24	15						96.36643	102.2726	107.424	77.72928	73.71889	64.45499	88.72914	140.662	125.0613	102.1002	96.9591	91.92491	122.247	106.0382	49.35016	190.289	145.5033	171.097	176.8903	119.971	136.7882	83.4815	103.8862	94.71637	161.6353	91.18387	115.7246
CUST_6493_PI429010886	N20174	0.000401609	24	15			Nucleic acid metabolism	Regulation of gene expression		1101.918	2283.014	1579.509	1306.13	1356.303	1200.665	1224.109	1813.66	1816.946	1373.039	1396.628	1164.632	1356.303	2007.702	1715.071	2422.76	2893.96	3058.086	1379.279	2317.529	2424.1	1373.039	1800.506	2419.664	1659.781	1796.427	2213.256
CUST_24237_PI429010886	N50279	0.000401609	24	3	91076860	PREDICTED: similar to zinc finger			1.02E-11	307.3354	18.51954	248.9453	383.67	356.871	380.35	18.00685	34.84492	35.91688	291.0502	341.732	383.5875	275.1168	193.3377	331.2753	15.75024	15.68854	4.747329	14.0887	28.24828	18.02378	269.2665	115.0679	252.4627	36.77637	54.44021	71.29445
CUST_26462_PI429010886	N54282	0.000401609	24	21	158300505	AGAP012123-PA [Anopheles gar			6.31E-26	13.80235	10.54698	13.81116	21.97251	15.18659	9.826732	12.72466	10.51731	9.189042	8.499991	5.554011	6.437589	12.08433	16.71139	4.571298	11.59806	20.60634	14.60762	7.854749	13.50832	13.37213	17.64252	16.33804	25.37982	14.13494	16.50853	13.28237
CUST_22019_PI429010886	N46278	0.000402173	24	9	321458259	hypothetical protein DAPPUDRA			6.49E-22	45.37131	32.03897	23.30722	20.59213	85.79452	86.85325	32.2735	26.54663	34.16687	NA	57.73811	88.75	6.76308	46.36802	31.34548	23.61457	23.11901	26.92179	5.902123	13.05606	12.41089	NA	17.42256	5.031459	10.22939	21.85804	9.71776
CUST_91_PI429010886	N732	0.000404211	15	0						21010.2	12021.42	18365.76	23739.57	7279.608	15102.78	10532.72	10077.64	9629.338	6864.217	9226.663	7450.782	8996.679	14703.33	13419.52	15630.09	15673.03	12648.44	9167.401	8911.047	10464.54	7714.571	14743.32	8899.45	6622.666	9643.272	8713.974
CUST_17339_PI429010886	N37797	0.000406475	24	21	270012294	hypothetical protein TcasGA2_T			2.36E-08	43.16883	43.37645	29.37054	39.09638	28.1833	30.81577	24.32178	33.75196	33.51959	23.90042	24.11397	24.30986	30.54671	30.09026	29.68598	43.30726	39.16842	33.53984	31.12503	27.10746	38.67341	49.07635	32.78884	41.12558	40.71158	30.06574	33.64987
CUST_11269_PI429010886	N27540	0.000406824	24	15						17.8915	22.84762	15.16316	17.23127	8.977003	8.358144	20.03269	18.00112	18.10043	19.96477	9.839028	9.939018	21.89139	13.95642	36.54404	26.36566	55.88006	46.03907	22.8831	18.61738	20.5703	16.21895	19.65914	29.90874	23.95576	15.9018	23.48308
CUST_18788_PI429010886	N40407	0.000406824	24	15						37.34538	54.52711	38.82932	22.74717	22.81449	16.7995	34.69476	27.25852	40.18248	37.77609	33.15745	46.59051	33.05084	44.15404	42.20935	47.69479	51.02011	61.37944	25.82769	42.2303	45.40562	24.96379	61.03917	42.24367	39.71151	36.70398	48.48882
CUST_42261_PI429010886	M59827	0.000409141	21	15						82.52242	129.4034	100.4391	73.09797	120.749	112.585	113.9542	109.425	129.9006	117.3396	119.3879	137.8214	97.3763	123.2894	139.6676	140.6785	139.755	136.9442	109.1677	107.3485	120.2238	96.85513	96.73368	107.4552	112.7612	95.83012	115.186
CUST_22714_PI429010886	N47520	0.000409394	21	9						49.0091	72.35325	46.42563	54.42945	115.7715	71.89808	116.0279	93.65434	164.5342	50.41623	183.4751	201.983	73.39156	131.6748	152.5572	126.1085	112.5697	152.7137	105.9898	105.242	106.2214	40.79604	56.86184	65.86088	97.95973	187.8778	56.86184
CUST_51499_PI429010886	M93736	0.000410265	21	0						125.3559	173.9585	128.2119	136.0891	98.10696	146.7486	89.68248	103.801	83.28215	107.332	29.22669	109.2822	74.71995	65.86788	48.79532	118.5947	86.62987	199.8339	78.64253	94.815	45.52154	201.5487	124.3957	267.7885	110.3707	83.70817	52.0293
CUST_36075_PI429010886	M14547	0.000410718	24	0						152.9126	257.4304	116.4725	48.28814	206.1814	75.47204	192.4289	152.5137	112.2698	44.82733	81.70379	23.93602	67.66335	111.894	88.86561	50.55672	94.10473	45.82718	172.4755	205.453	196.4115	184.9052	112.8927	168.4308	329.3072	156.0492	230.9439
CUST_49234_PI429010886	M84840	0.000410718	24	0						9500.977	7007.731	7415.157	6025.479	3801.741	3371.075	3914.879	4134.923	3755.671	9345.369	4889.847	1877.836	6343.146	2470.84	4667.622	5907.39	5244.429	2356.919	8073.399	5601.899	6461.658	9226.663	10871.96	6956.592	16288.46	9500.977	13812.43
CUST_57182_PI429010886	E2172	0.00041204	24	15	258406678	QM protein [Penaeus monodon]			1.23E-12	23231.4	34620.42	29037.53	24721.57	21177.49	21224.39	35862.04	35445.2	32064.51	20913.02	22847.77	29037.53	25611.3	25703.26	26299.14	38719.75	40595.56	44913.68	32454.44	29294.9	33508.11	27459.44	29647.7	27918.92	27459.44	27347.94	28210.59
CUST_55591_PI429010886	M110875	0.00041204	24	3	220172369	cuticle protein [Rimicaris exocul			6.83E-09	14982.33	333.3795	15394.16	24426.06	22526.09	24590.28	571.6616	1640.282	1133.285	12473.12	28492.44	17931.09	7439.177	12424.28	16655.53	134.5963	260.9505	166.7408	845.2107	1397.328	1179.914	12921.27	8061.991	12921.27	1185.011	5002.917	4211.995
CUST_35688_PI429010886	M13238	0.00041204	24	3	270002194	hypothetical protein TcasGA2_T	Metabolic process	Carbohydrate metabolic process	1.06E-84	161.6606	83.9852	135.1327	142.3304	225.6261	271.8944	62.94384	88.6659	77.67929	116.8167	146.1939	208.1054	113.0037	100.7211	157.5876	37.28898	32.19938	40.5192	40.78815	61.01777	27.30031	154.3725	64.11411	131.2222	68.20885	87.18835	63.09832
CUST_6071_PI429010886	N19588	0.00041204	24	15	156537747	PREDICTED: adenylosuccinate ly	Metabolic process	Nucleobase-containing compound meta		46.73964	99.32904	83.32737	54.25064	58.77493	61.52728	78.23111	69.48765	85.30314	108.3124	47.46968	78.40447	86.24643	60.16557	64.26444	100.6934	120.035	116.804	74.20038	87.00868	88.86561	62.80714	66.58185	71.33011	86.06068	61.67659	65.87993
CUST_6154_PI429010886	N19697	0.00041204	24	15	528469909	PREDICTED: poly(A)-specific ribo	Nucleic acid metabolism	RNA metabolic process	1.79E-68	10.58439	25.52576	22.35906	13.22308	22.02956	12.82614	36.41114	25.31848	29.06579	46.06991	20.35695	23.37085	36.42637	35.45915	26.49338	41.64718	35.55192	44.61738	25.57669	47.52511	40.91608	26.46648	22.26852	25.46423	31.50316	24.79569	28.69791
CUST_37494_PI429010886	M19227	0.000417256	24	15	242017286	Pediculus humanus corporis Hsp	Protein metabolism	Protein folding	1.15E-103	3151.384	7389.276	3767.349	2965.89	2350.317	2797.556	5179.003	5939.375	5394.696	4403.488	3020.109	3220.778	3864.779	3774.541	2990.827	5992.677	7459.987	8846.332	4685.458	4998.113	6255.734	3064.959	4470.918	4253.847	3960.355	3902.533	4539.587
CUST_31918_PI429010886	M2731	0.000417256	24	15						2006.118	2611.542	2201.915	1813.66	1543.849	1570.104	2422.76	2050.749	2404.745	2299.057	1573.941	1864.874	2395.468	1630.398	2028.877	2928.861	2956.694	2807.452	2107.433	2204.749	2584.904	2195.531	2498.654	2348.232	1825.053	2093.838	2354.096
CUST_48638_PI429010886	M81386	0.000417256	24	15	213493458	nascent polypeptide-associated			2.47E-13	919.3983	1271.688	1048.117	992.2362	888.236	832.328	1114.294	988.5868	1036.158	1132.475	841.994	1149.369	1158.095	1036.158	1026.869	1314.736	1692.044	1635.354	1025.404	1100.835	1322.806	877.3403	1185.011	1307.951	1118.881	976.1525	1257.339
CUST_51633_PI429010886	M94342	0.000418629	12	9	524974426	PREDICTED: zinc finger protein 8			3.82E-29	39.38283	21.84014	31.23137	20.36911	13.33647	14.53482	13.98648	21.18377	17.22926	28.00878	19.4293	23.62689	26.09025	22.55063	10.24506	12.45971	11.03537	15.71789	24.0298	26.74791	21.81628	36.8404	37.12911	30.40674	21.52992	16.67353	21.58672
CUST_987_PI429010886	N8132	0.000418629	12	3						25.24448	31.88585	24.28357	34.08743	32.28165	37.14951	15.20646	25.81236	30.37143	21.43699	18.24533	27.32212	26.46184	25.9662	24.12932	40.86304	33.02712	30.31787	29.26951	30.81263	41.77836	19.5898	29.42662	24.62171	23.85663	28.41121	30.04801
CUST_5464_PI429010886	N18740	0.000418886	24	18	291222709	PREDICTED: deoxyhypusine hyd			3.62E-96	881.8202	868.9348	1193.688	1114.745	952.2766	649.4957	774.5071	837.2458	729.7963	834.3772	619.5951	642.7419	850.2576	560.3033	532.2614	804.3138	1670.335	1322.312	1261.961	1087.769	1251.245	899.2992	1235.811	1099.075	1064.673	971.1067	1637.38
CUST_31161_PI429010886	M856	0.000420459	21	3	19921888	CG8026, isoform B [Drosophila r	Transport	Mitochondrial transport	1.84E-29	34.96168	54.02691	62.44379	49.47094	67.55887	63.15515	35.32216	54.25668	48.41784	41.7466	60.83425	31.95397	53.6019	45.26359	41.14564	27.86499	45.5838	29.64873	46.87885	34.24084	44.44058	47.57931	64.39747	43.89532	49.66595	67.64673	55.95718
CUST_34156_PI429010886	M8906	0.000420459	21	15						911.7924	779.0482	818.7919	717.3191	538.3095	843.8571	816.314	819.3739	723.6856	791.0912	758.1822	616.0609	794.9446	814.3635	1085.159	1453.134	1445.709	1275.515	771.2654	432.2687	927.9648	851.8736	597.7182	818.7919	554.8747	351.2785	570.2732
CUST_32151_PI429010886	M3372	0.000421012	21	3						823.2974	645.4936	328.9434	714.712	5179.003	4616.026	295.7504	844.4833	247.9707	NA	3321.698	3137.141	34.47208	1500.263	1644.807	46.65753	32.05226	20.31267	33.07741	1826.319	23.72167	115.9325	556.4241	103.2365	NA	3598.269	NA
CUST_38475_PI429010886	M27162	0.000422471	24	3	149675211	cuticle proprotein proCP5.2 [Cal			1.7E-55	11339.63	192.6657	11339.63	17424.76	14307.54	15731.96	298.7578	691.4224	343.8057	7376.103	15071.82	10178.51	5712.375	7558.705	10294.69	84.07229	92.49079	111.0926	489.7282	998.2787	702.325	9980.233	6116.36	9425.197	851.4962	2809.488	3031.683
CUST_7263_PI429010886	N21283	0.000422471	24	15						73.00128	166.0779	140.4269	92.61293	71.60883	60.36476	129.7968	142.1557	141.539	170.4605	98.15697	33.14322	136.3915	116.8754	99.35613	209.4822	193.3701	215.7105	194.635	139.0478	173.4147	151.6707	117.7735	159.5479	190.613	114.0013	155.1073
CUST_15749_PI429010886	N35079	0.000423547	24	18						21.88339	29.12719	27.06162	27.2823	14.48348	20.87993	25.92125	12.16729	29.47583	13.03847	24.83403	18.43758	27.22807	17.6212	19.47577	36.16345	28.28196	38.66006	62.28036	31.27903	45.98151	25.69634	27.61985	34.98417	24.73755	27.40728	40.85968
CUST_38160_PI429010886	M23772	0.000427687	24	15	24646605	squid, isoform C [Drosophila me	Reproduction	Reproduction	2.15E-09	63.04493	98.68778	77.6897	53.59606	41.36333	54.41132	88.80408	88.15439	80.57219	83.62172	54.44704	95.33452	58.05667	70.1867	67.60668	101.3081	128.6276	109.1371	91.97617	82.70695	91.96128	69.76252	80.00199	67.3848	95.42344	79.60935	74.05592
CUST_31446_PI429010886	M1545	0.000428072	24	0						730.3491	775.4008	746.9967	554.0705	491.5182	399.0134	588.0127	675.5044	559.5956	536.6512	447.759	578.5106	416.9152	472.1134	484.4076	443.9249	416.9152	509.6459	352.8279	425.5802	302.504	323.446	694.9037	539.0498	722.1173	657.3507	673.8771
CUST_462_PI429010886	N5434	0.000429363	12	9						427.8043	61.87143	456.4069	905.3835	211.8745	330.4034	155.3804	95.95298	208.9983	1300.047	4211.995	880.5962	1684.207	382.3723	709.4562	19.11764	59.53613	35.98384	341.965	185.7829	362.9994	1849.733	4118.017	4045.654	659.0035	3441.376	5571.385
CUST_19899_PI429010886	N42414	0.000429512	24	18						72.19272	82.95322	76.00489	58.08676	56.60172	45.47301	71.36454	66.77855	58.06369	52.05076	49.9386	39.52112	59.51158	48.51397	65.61458	81.23215	65.91522	77.57132	76.86672	76.97367	95.24948	72.06957	81.9432	69.6885	87.44315	63.96236	99.72851
CUST_10300_PI429010886	N26026	0.000429859	21	15	322791130	hypothetical protein SINV_0637	Metabolic process	Oxidation-reduction process	2.33E-28	32.73765	22.54151	23.11231	11.67524	7.402375	12.36934	NA	48.78475	34.3611	31.09316	25.31216	NA	21.7829	20.37574	18.57947	78.3065	35.33768	66.41804	40.06809	44.97817	62.92312	37.35922	7.228642	24.65307	27.17222	10.13279	18.30441
CUST_33732_PI429010886	M7737	0.000431523	21	15	506968903	eukaryotic initiation factor 1 [Co	Protein metabolism	Regulation of translational initiation	1.71E-31	513.8347	549.989	588.164	547.3976	382.4457	377.789	562.954	667.6928	525.9937	589.7452	488.48	512.6794	495.7052	467.458	409.3888	668.9797	753.373	762.4429	533.0556	603.191	668.297	501.6566	612.7708	600.2455	475.2146	441.6606	439.5135
CUST_1191_PI429010886	N8789	0.000431523	21	15	187610687	small nuclear ribonucleoprotein			3.39E-20	26.99962	46.09707	65.11364	4.096565	5.784206	4.728836	30.54026	18.2303	22.13988	42.5644	13.73333	30.84927	28.85219	45.46717	15.4862	16.85312	97.64083	34.80421	27.09821	17.95536	27.77493	26.24406	32.98843	17.12548	13.05124	10.50374	13.67378
CUST_48016_PI429010886	M78537	0.000431987	21	0	156374930	predicted protein [Nematostella	Response to stress	DNA repair	1.04E-21	73.54748	84.11819	98.10696	66.6173	45.51721	44.61277	37.36406	54.28141	43.27193	62.82209	60.50212	57.31946	56.18757	61.70126	48.68211	60.97733	85.03859	55.17016	48.77487	64.60254	63.88253	75.0185	60.71091	65.66275	72.62444	60.83425	55.03418
CUST_35813_PI429010886	M13580	0.000435464	24	21						652.5211	956.0225	896.6099	629.4202	630.7177	497.7865	485.4687	735.8335	683.6777	457.8873	683.4131	564.8143	588.6767	511.2321	622.1839	826.4146	826.9656	647.9305	553.2936	682.1048	728.0598	962.741	783.1683	996.3906	999.9612	782.9344	942.2704
CUST_31857_PI429010886	M2584	0.000439106	21	15						265.5849	440.7516	265.5849	331.7259	360.9619	369.0567	452.4209	524.6943	354.7453	336.8186	379.2367	346.1837	365.0376	524.2711	508.513	386.8846	527.0091	544.0973	383.132	399.2455	385.0272	260.2914	355.1717	291.6767	308.2886	347.8293	342.5433

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_31073_PI429010886	M617	0.000441194	24	21						495.3901	543.9588	593.0437	455.4195	482.5812	381.5238	442.9918	438.3717	534.7331	477.3178	428.6927	411.1376	651.2334	451.5651	580.31	554.6469	585.6903	573.4698	698.717	541.6936	679.6938	534.593	738.8137	690.3228	649.314	542.5585	815.2223
CUST_45404_PI429010886	M69006	0.000441194	24	12						39.59705	33.22138	40.4062	108.0057	31.48667	83.28215	110.0556	33.41357	78.74455	38.68202	118.7499	71.58388	138.4795	102.4735	112.4069	23.76085	81.17631	82.30731	22.43407	42.84015	43.15443	10.60847	26.05879	43.28585	7.405722	15.1605	30.49064
CUST_53940_PI429010886	M103791	0.000442939	21	0						64.42993	88.10909	NA	37.10697	19.89174	55.24742	42.1373	88.96871	31.11011	12.64646	18.86717	10.19338	10.43842	68.04046	15.87243	69.31429	38.78785	28.12273	39.87751	52.92294	56.86184	NA	105.5804	NA	NA	64.88783	NA
CUST_16803_PI429010886	N36896	0.000445426	24	0						263.6152	267.884	240.2645	189.5433	202.2706	219.7679	205.7884	213.89	204.2969	180.3689	264.9858	246.9107	184.8821	212.4024	263.9734	186.2275	163.4636	197.8282	215.2625	231.5378	219.7344	207.8484	227.1783	266.8019	285.8344	286.4692	381.9172
CUST_37253_PI429010886	M18368	0.000446311	24	12						NA	5.256818	NA	6.35162	6.162699	6.86757	5.944674	10.30243	18.39792	19.64262	7.405722	7.884574	15.44623	NA	8.707003	10.25273	8.560595	24.12109	5.241251	NA	NA	5.643166	6.444484	4.800498	NA	3.344721	3.487187
CUST_51950_PI429010886	M95795	0.000448398	24	0						25.02228	24.04549	73.89284	15.08312	16.46966	11.97294	10.70872	9.164016	15.97652	20.07484	15.08312	16.52701	14.60927	16.31227	6.014616	5.084507	10.39762	18.0705	9.053925	19.70046	13.03156	18.00497	20.55179	19.22058	18.47174	22.5078	23.73245
CUST_7844_PI429010886	N22167	0.00044855	24	15	291237036	PREDICTED: Saccoglossus kowal	Cellular Process	Cell cycle	1.49E-73	314.367	438.2151	344.705	343.2592	297.575	272.8455	552.7385	432.5544	490.4622	443.4999	436.8129	439.4254	510.9141	360.8077	483.9464	596.5924	560.6594	688.4549	434.9251	398.5907	575.3242	440.6377	451.4694	486.0305	531.2109	429.2293	591.1008
CUST_32553_PI429010886	M4415	0.000449253	12	3	242010289	salivary plasminogen activator b	Protein metabolism	Proteolysis	3.22E-13	22.14763	24.94507	16.34183	45.75798	NA	37.74193	40.76292	22.28353	15.85285	30.08206	21.45062	NA	29.7549	27.54823	23.8882	103.9519	54.41132	51.58002	32.38584	7.745918	33.29327	NA	20.95911	5.120189	24.80919	30.02799	NA
CUST_41076_PI429010886	M56823	0.000449604	21	18						20.65147	50.98258	50.20946	44.69809	36.30672	42.46657	34.49684	34.06404	35.06077	38.30361	34.74447	9.970616	53.05853	36.69203	34.63434	39.94687	45.78026	41.91606	77.99973	44.83771	43.32213	45.68256	44.74977	45.40562	43.63653	36.08229	43.75819
CUST_10828_PI429010886	N26852	0.000450831	12	9						391.9617	146.093	512.1954	881.258	208.9983	457.5988	134.3827	131.9106	191.2458	1212.026	1519.636	764.7593	1203.381	199.0615	681.2288	28.67393	46.73349	33.73205	222.3734	186.0781	269.6374	935.0962	1365.984	1624.639	371.2053	431.1432	922.5025
CUST_29869_PI429010886	N60720	0.000450831	12	9	37780426	hemocyanin 2 [Pacifastacus leni	Transport	Other	1.07E-12	2787.074	535.89	2806.331	5048.826	1135.35	1802.44	915.0007	1618.404	2645.058	4181.398	6649.946	2799.9	7100.104	1653.487	3122.414	89.91214	60.43161	110.8072	2727.371	2114.8	3000.392	6333.445	10987.48	10109.9	3670.22	6132.817	9096.626
CUST_38216_PI429010886	M24213	0.000456198	12	9						9466.456	1363.035	7531.236	10569.33	3819.978	5550.987	4783.413	4055.849	8135.669	14218.13	14526.85	8565.196	17692.35	5009.272	10193.49	605.9768	652.1093	791.3056	9923.978	6143.541	8669.063	15900.37	20059.08	16183.31	9364.597	11305.05	17487.6
CUST_39686_PI429010886	M42915	0.000456198	12	9						6385.128	641.3942	6826.356	7376.103	5388.872	5251.996	1711.883	1571.574	2631.802	9330.025	9532.564	7861.824	10193.49	5420.715	5955.414	683.9311	477.5471	617.1935	6292.839	3336.354	4027.931	14411.75	10641.47	10987.48	6601.274	5021.117	9598.965
CUST_22748_PI429010886	N47601	0.000459497	15	12						46.51413	51.3028	61.05496	24.53204	52.94098	26.94942	24.30298	49.02346	43.01953	53.70551	51.20424	60.40971	58.5677	85.1599	82.06727	88.42474	102.9729	68.73418	37.04769	49.91114	41.69944	45.54712	55.88006	30.13664	64.49711	49.81307	93.19639
CUST_28596_PI429010886	N58260	0.000461565	12	3	157125192	chondroitin 4-sulfotransferase [/	Metabolic process	Carbohydrate metabolic process	5.23E-08	53.48046	37.65544	51.82191	68.30294	73.1662	61.37268	46.83625	45.13797	32.50066	31.31906	48.83893	42.87131	52.38529	93.15792	91.37677	50.29492	57.99775	54.38582	54.07873	24.4823	47.21493	32.02499	28.75907	35.76914	51.52222	43.78128	36.50656
CUST_6351_PI429010886	N19988	0.000462409	21	18	321479073	hypothetical protein DAPPUDRA	Metabolic process	Other	1.11E-60	69.06046	145.1992	121.2999	67.67367	107.935	83.30459	84.69767	144.3062	119.1547	126.521	141.598	74.8864	146.9401	147.4173	127.9261	124.4898	174.3634	100.3755	139.5903	176.429	154.9682	130.3816	170.7496	120.9166	105.9605	81.11075	76.40541
CUST_11577_PI429010886	N28061	0.000462781	24	0	321454600	hypothetical protein DAPPUDRA	Protein metabolism	Cellular protein modification process	1.42E-105	47.46968	40.99664	50.82457	21.3828	39.16223	31.42433	24.99187	34.67259	29.76443	34.20583	33.83378	31.20114	37.97588	28.52077	34.30861	34.91434	39.72867	30.18014	34.2198	34.47208	35.82514	38.61107	29.19296	35.27117	45.52672	51.11212	45.9767
CUST_11647_PI429010886	N28175	0.000464596	18	15	241358643	flavonol reductase/cinnamoyl-C	Metabolic process	Oxidation-reduction process	7.21E-54	42.82494	44.98293	28.10987	42.50868	27.55104	34.06922	44.49025	47.69479	34.48395	47.83813	44.04067	45.40562	28.82109	56.49038	40.36492	73.15055	56.31298	53.96936	45.64087	33.77513	43.64157	20.71687	37.98103	28.96499	36.29093	51.43678	41.57926
CUST_33938_PI429010886	M8298	0.000466932	12	9						3342.747	40.08729	3672.992	2067.912	690.0542	1702.984	87.81083	160.1108	233.8809	2561.777	4061.362	4288.608	2261.704	1871.7	3963.836	44.32333	22.14517	44.37502	406.3531	267.0729	370.7223	4919.057	4121.132	7122.178	766.5607	130.828	725.6388
CUST_38841_PI429010886	M31102	0.000467383	24	12						2016.054	5015.024	3011.975	9759.347	3825.101	6649.946	11052.65	14703.33	20871.55	2061.689	20172.23	3975.62	12165.66	15900.37	7090.073	5593.889	7248.769	7531.236	2375.903	3475.106	4229.758	1555.177	4041.944	4334.63	558.9714	1956.496	2451.472
CUST_19502_PI429010886	N41681	0.000467383	24	0						25.16714	28.39338	28.14	22.90061	22.56843	20.45768	12.56759	24.83115	20.19023	32.4427	26.82917	10.06884	22.24082	19.09461	16.70829	20.91851	18.87745	27.33153	20.82118	20.60839	24.94781	25.49661	29.44247	33.63302	38.37232	36.62645	55.37116
CUST_23037_PI429010886	N48148	0.000469126	24	18						132.8026	76.11372	126.8236	44.38734	43.44652	44.81289	39.63441	68.70029	62.57277	68.72832	95.90246	72.9865	69.71651	57.16004	90.55203	122.2305	156.1362	139.6859	148.7726	78.35549	104.2957	163.8654	46.90198	192.6977	140.0958	74.29925	97.66082
CUST_15995_PI429010886	N35476	0.00047127	24	21						123.1603	136.103	143.8476	132.304	118.653	101.5332	133.171	136.2532	122.604	110.8928	63.88807	115.2516	110.6946	96.35679	95.44831	180.5859	110.6039	157.2999	143.92	81.78148	161.3159	139.7737	155.3994	187.2522	143.92	125.8771	151.7904
CUST_23256_PI429010886	N48519	0.000471329	18	6						36.10172	24.09912	41.85499	41.37426	39.41457	22.72575	56.96365	47.97707	44.39167	42.88477	50.92071	32.6167	44.2489	25.92708	27.18132	19.80398	28.34234	29.92819	36.28088	30.36962	33.67688	31.34548	61.11985	57.01672	38.43	49.82997	65.84152
CUST_57153_PI429010886	E1745	0.000471385	24	3	387878122	hypothetical protein W7S_2375			4.17E-09	63.27624	30.5648	42.16077	33.3276	75.84873	65.92209	18.35653	31.99205	26.35385	24.28357	27.05785	49.54311	18.39792	12.14919	25.71381	27.61361	10.17714	11.40929	11.5282	NA	7.147875	9.974531	18.04144	10.66221	6.81845	122.5288	11.68057
CUST_55631_PI429010886	M111036	0.000475733	24	21						238.3932	246.6961	216.7919	178.6434	182.3885	195.7919	155.6261	172.783	175.2702	205.453	164.741	180.0489	239.1254	179.1574	114.9073	279.2412	195.5458	246.356	208.6833	213.6621	236.9699	319.2736	242.2901	203.1887	318.7834	234.533	294.796
CUST_37370_PI429010886	M18811	0.000477666	12	9	189242051	PREDICTED: similar to DNA repli	Response to stress	Defence responce		173.4439	133.0187	199.2769	182.5355	128.1317	133.8983	154.8931	148.7488	173.7538	233.8101	218.0736	237.2505	230.8967	142.7301	147.3568	99.72851	142.5641	150.2981	178.9277	158.0565	198.9717	183.5316	189.7707	204.9134	126.2717	160.389	234.9137
CUST_8444_PI429010886	N23046	0.000477973	21	0	260798388	hypothetical protein BRAFLDRAI	Nucleic acid metabolism	RNA metabolic process	2.11E-15	76.97367	83.13651	99.23862	84.70621	53.71014	67.67367	42.72194	73.58526	64.91207	65.56898	59.31427	67.88505	72.70716	47.84164	39.31755	50.41623	69.13756	76.49084	80.60289	86.34178	84.25166	74.08077	84.70621	86.06068	81.66229	71.89101	93.631
CUST_5584_PI429010886	N18906	0.000480311	21	15	321473690	hypothetical protein DAPPUDRA			2.33E-33	1707.189	2379.92	2064.359	1746.391	1595.825	1626.549	1772.069	1991.351	1909.699	1675.406	1687.279	1579.509	1610.862	1938.89	1527.348	2511.558	3052.051	3786.16	2231.56	2805.21	3654.032	1647.856	2143.564	1964.046	2031.77	1689.176	2108.887
CUST_51367_PI429010886	M93290	0.000480709	24	18						8.879476	12.9801	NA	8.727182	8.789171	9.429304	11.88037	7.945183	6.196488	14.00894	NA	NA	14.74663	NA	9.712808	15.09289	16.40108	12.17199	24.39861	12.10509	14.97844	12.15207	16.98717	14.01914	13.0678	14.42132	11.91165
CUST_32116_PI429010886	M3269	0.000480915	12	0						497.4085	369.9777	455.6054	487.1319	335.2209	361.2613	303.4901	244.3968	302.0161	431.8791	334.6481	371.0059	546.8689	324.0982	511.0453	470.9814	438.8282	451.4694	327.1238	318.8359	316.9378	621.1319	382.8713	517.9425	609.4415	390.5287	624.4152
CUST_4258_PI429010886	N16339	0.000481346	15	6						4.7202	10.87896	16.49157	20.42404	16.29946	12.6806	18.72709	42.44693	22.55063	22.36969	15.64595	18.97777	14.48202	21.68208	12.05742	10.24111	20.98524	18.11564	19.43702	35.89734	14.29901	32.4397	30.30161	33.97881	24.38317	19.02985	26.99645
CUST_38418_PI429010886	M26391	0.000483033	12	9						10464.54	267.9719	10430.71	10077.64	2269.737	6727.299	808.5577	499.6833	801.5781	19855.57	20968.09	14161.49	21881.51	2304.738	13988.25	76.07871	113.622	152.3742	3774.541	1348.208	4036.235	13635.69	12344.85	14743.32	2913.515	4825.163	8631.841
CUST_42173_PI429010886	M59601	0.000483033	12	3						20.02415	14.11179	15.15361	20.01482	22.81773	19.70573	17.13272	10.56095	105.4679	8.569437	14.82873	11.31144	11.33713	22.29626	18.22518	21.44677	37.04177	16.87615	10.96478	16.73426	7.564006	6.279977	13.6553	5.200057	21.07339	17.9492	11.78676
CUST_24553_PI429010886	N50830	0.00048378	24	21						12.7417	16.06184	10.52106	13.99736	13.62435	5.35265	6.455238	8.083025	5.33569	NA	5.912371	12.50576	9.648862	10.23432	10.78353	11.80456	8.930779	14.96491	15.65667	13.78304	8.1939	20.76141	13.16217	16.77585	12.42262	8.455242	14.59197
CUST_2862_PI429010886	N13267	0.000485517	24	0	321465151	hypothetical protein DAPPUDRA	Protein metabolism	Ribosome biogenesis	2.76E-74	34.55816	51.21191	64.57877	42.73341	50.91261	34.05393	39.92572	35.5246	34.28012	40.55055	22.03549	47.57381	15.3494	5.281798	17.21562	22.74972	26.0838	41.17764	21.18591	44.79451	47.39234	53.50459	47.9205	32.07806	46.8318	34.36788	48.47854
CUST_38120_PI429010886	M23440	0.000485593	24	12						272.3474	388.566	262.04	1187.041	518.6591	702.7679	1921.473	671.0624	2271.439	399.0879	2904.283	202.9059	3349.165	3127.267	560.3033	655.1561	1901.421	869.5599	523.9454	400.5287	672.9412	198.9444	1048.117	1115.136	200.3302	161.5503	256.539
CUST_39273_PI429010886	M37072	0.000485593	24	12						140.1401	165.8549	134.7253	684.8522	218.1148	304.7866	1251.736	301.0722	1125.5	201.4995	1742.558	98.68778	1712.689	1601.274	302.7771	229.3211	975.7238	413.2217	208.404	200.4453	243.9147	98.83232	505.6819	505.369	113.187	90.04305	131.6618
CUST_3946_PI429010886	N15629	0.000486849	24	21						63.40282	61.99234	53.83595	49.75454	43.42575	39.8332	35.89734	48.23305	33.4664	51.77472	34.33958	35.73797	45.59864	54.23194	41.51987	48.38472	30.58395	38.64876	78.26455	40.28969	65.23465	54.33723	72.17918	65.3616	58.73466	43.08599	56.39523
CUST_41426_PI429010886	M57702	0.000490466	18	0						25.37685	93.77335	86.28411	45.49999	103.3596	70.71767	4.832163	NA	10.98917	6.872635	70.56233	23.09193	14.1426	49.30833	47.42663	51.11657	58.78776	46.91122	NA	117.8448	81.07922	25.69105	71.73966	59.01526	43.90368	6.552316	39.93436
CUST_4813_PI429010886	N17531	0.000492365	12	0						57.7126	68.46482	44.1311	55.29943	63.69892	54.2724	23.71956	35.33768	24.45128	57.06084	87.33081	66.6173	69.89861	44.26795	86.30982	54.17106	56.9001	29.67957	51.92761	47.33564	44.16317	59.35684	56.00071	54.54964	125.9947	77.6465	103.2365
CUST_3919_PI429010886	N15567	0.00049254	15	0						92.36671	98.7449	56.38348	135.7428	25.14815	98.00625	16.37588	34.2605	31.65828	52.40731	61.33441	31.69335	47.6242	41.79513	42.28696	79.84725	51.18195	58.78776	45.57229	48.32075	47.23775	29.07923	12.47186	21.81393	19.57916	62.66376	63.56244
CUST_17818_PI429010886	N38644	0.00049254	15	6	321469866	hypothetical protein DAPPUDRA			0.000000265	770.3832	909.1828	1135.35	2698.998	1552.466	198.9444	4976.553	2962.88	6710.162	827.5626	2371.181	434.3661	4173.107	2012.206	709.0094	185.1417	608.2737	263.9286	6430.973	3755.671	2846.594	2956.694	4710.772	3222.8	3024.414	977.1077	3349.165
CUST_26240_PI429010886	N53900	0.00049254	15	9						40.66228	42.66175	48.60251	27.90588	38.59195	29.96081	38.15601	41.3426	25.81956	57.33715	49.75986	43.48958	50.86361	35.07936	49.92214	38.94229	37.66871	43.75819	43.27654	29.60122	37.05862	35.92153	47.46533	56.11745	61.78991	44.3395	54.20497
CUST_31867_PI429010886	M2616	0.000493767	12	9						132.0703	107.509	139.1998	87.01734	127.6164	119.5167	100.8435	111.1388	170.5897	179.2719	119.3614	159.5875	158.518	123.9057	161.9124	101.7015	122.9221	92.83981	149.4086	122.3002	126.9762	175.3405	196.4999	223.0844	145.9321	94.93084	154.4146
CUST_44267_PI429010886	M65450	0.000495808	21	0						27.11917	25.92708	24.8172	13.88039	17.55051	13.24014	16.79206	8.590245	14.49179	16.3934	11.27021	30.865	15.84702	12.44774	17.50958	14.83032	15.70113	15.48991	21.57883	22.16839	31.05988	40.90141	21.04763	32.97277	22.44464	20.28215	23.53208
CUST_39511_PI429010886	M40667	0.000497264	24	15						212.6978	112.5697	122.771	55.63371	30.52953	57.25934	311.8576	93.22902	305.1178	481.0599	347.2002	67.22535	119.329	344.4073	54.05215	947.0352	626.9839	505.6819	276.8728	356.3573	616.5627	160.2766	9.794238	103.6896	508.9078	72.02191	376.7778
CUST_23656_PI429010886	N49213	0.000497708	21	18						53.23808	53.52577	59.77969	50.43341	44.06952	29.01519	37.08249	46.23157	45.50498	38.82052	46.80566	49.39632	36.36056	44.9365	42.69638	53.52577	44.98933	49.62618	63.81233	62.73163	72.73375	74.18037	61.19316	38.30361	51.94695	38.48209	53.40427
CUST_31718_PI429010886	M2239	0.00049809	12	6	291239931	PREDICTED: GK11735-like [Sacco			1.65E-13	216.5705	452.142	338.5986	347.5429	312.1009	360.4299	411.2361	471.8286	483.6608	516.2255	284.7236	465.4767	256.573	267.4193	291.6226	342.6821	507.231	437.9976	489.2868	405.8942	489.2868	349.8278	344.4073	302.7771	248.7029	192.1306	404.3968
CUST_53916_PI429010886	M103700	0.000498262	18	0						107.0354	80.41026	84.16166	84.35052	54.90137	58.70057	80.24156	61.43496	78.16561	49.54311	39.14896	40.33676	72.4473	70.17999	59.38272	58.24276	67.44192	63.9762	82.47763	83.29367	64.73297	80.74224	56.37975	79.5268	61.13851	79.05137	73.15055
CUST_57101_PI429010886	E874	0.000499003	24	21	110456474	Ac1147-like protein, partial [Dia			1.82E-16	194869.8	190951.6	182841.9	185304.1	189760.3	181822.5	190951.6	178249	169275.7	172120.5	167901	161853.1	142420.7	175227.8	146987	203126.6	161853.1	196812	189760.3	180368.9	182841.9	189760.3	185304.1	208728	193307.4	180368.9	191967.5
CUST_14271_PI429010886	N32608	0.000499003	21	15						14.94152	19.20499	19.37143	7.431224	11.60747	32.82904	15.86706	17.27868	13.81559	12.32971	12.83603	30.45492	24.01242	24.53712	31.06592	25.12027	33.40515	24.66557	11.61798	23.58164	23.44477	21.21056	15.88417	21.47115	7.86169	13.49255	12.83829
CUST_54794_PI429010886	M107706	0.000502163	24	3						2200.686	1422.675	1130.969	2228.732	1500.89	2021.719	1663.655	1871.7	1696.829	1647.856	749.3538	1965.787	1504.447	1210.563	1315.424	1142.458	434.8192	1095.073	869.9307	1244.137	502.5054	1339.398	449.8325	1313.269	855.5436	1691.116	535.4815
CUST_41563_PI429010886	M58041	0.000502163	24	21	260833120	hypothetical protein BRAFLDRAI			2.86E-24	26.18151	30.18014	39.03604	17.68234	28.24507	14.23378	19.40349	22.34874	20.73429	14.59502	31.23427	28.22616	26.35385	22.80532	27.39507	24.73755	30.63129	38.81639	30.5034	29.65959	37.25229	36.83272	43.89958	36.53804	26.50208	27.96875	45.21325
CUST_18545_PI429010886	N39987	0.000502163	24	21						30.29561	36.69203	30.28156	20.59845	29.02823	25.02499	19.49414	30.2752	31.4461	8.037102	39.36134	27.67843	22.32831	31.92535	33.17225	34.66403	33.51959	40.95208	35.55192	35.65021	46.35195	35.45915	35.78636	46.57555	42.6519	34.25718	44.52224
CUST_36767_PI429010886	M16796	0.000503348	15	9						26.34323	28.88222	NA	78.20138	232.6083	4.893177	67.07909	18.99164	56.56581	NA	631.8697	347.6198	25.71961	452.4209	554.0705	16.14862	12.47033	14.50203	37.9908	14.21628	38.59753	186.1647	266.8703	89.2783	117.6349	219.7679	267.7311
CUST_21173_PI429010886	N44764	0.000503681	21	0						42.62368	54.41132	44.00986	43.56248	43.96327	30.15331	33.84542	40.80027	37.14266	33.79296	47.71964	37.45153	43.65204	32.32834	37.84952	23.80897	24.88406	35.45592	38.11869	43.18058	39.38571	73.9144	47.61903	49.29631	46.39912	35.8443	37.47838
CUST_32302_PI429010886	M3745	0.000503803	24	0						14015.31	15297.04	12886.71	15102.78	8016.887	7704.294	12097.54	10966.45	11780.77	11738.35	5258.496	11503.97	8362.147	5467.822	6439.853	9425.197	13135.1	11228.98	10641.47	8899.45	8430.296	9392.481	14071.14	9444.83	11588.48	14256.4	13635.69
CUST_14408_PI429010886	N32834	0.000503815	12	0						28.67614	13.67194	21.00454	24.89149	18.27355	11.48082	16.78485	7.257747	7.273639	18.43758	17.27642	19.37652	25.18191	14.35144	21.43051	21.06519	16.0253	19.90073	11.93224	15.83716	10.46956	13.83903	13.1424	19.55672	25.49661	18.56346	26.34323
CUST_13571_PI429010886	N31397	0.000505207	24	15						104.4781	236.6326	157.1785	144.1169	159.0794	108.8028	116.4725	169.9945	185.3668	215.8727	253.1919	180.5627	226.5718	214.693	220.9943	243.543	275.5775	192.2662	155.3531	228.1062	225.4359	146.4666	204.6434	205.7884	151.7575	164.741	181.4589
CUST_44115_PI429010886	M64986	0.00050664	24	18						NA	7.462458	NA	4.621629	3.641476	3.148261	5.019429	5.642491	8.602712	8.817048	8.602712	NA	13.43624	NA	7.793073	8.580119	9.558194	6.621148	24.60171	8.934291	25.64786	8.748029	10.72798	4.682234	23.11514	6.206844	17.66478
CUST_48282_PI429010886	M79652	0.00050877	24	21	242009950	hypothetical protein Phum_PHU			5.15E-31	66.39483	73.60215	85.38787	50.34979	72.20099	78.34836	47.65574	45.24265	68.02537	62.338	65.15059	64.64642	96.05666	68.34584	61.57198	66.87814	97.85715	65.04377	84.09371	67.10107	73.69276	89.7803	77.57976	91.85221	74.03602	81.4582	83.64481
CUST_6830_PI429010886	N20654	0.00050877	24	18						21.16225	23.33045	31.39494	18.14187	10.45084	9.973024	23.71399	19.85412	28.49433	23.46744	15.0452	19.57916	34.09348	16.43173	18.86919	28.80996	19.96887	23.86386	33.48437	30.01509	36.41114	31.27903	32.01377	24.42377	30.64441	24.85202	30.67349
CUST_10941_PI429010886	N27026	0.00050877	24	18						23.61884	41.75149	37.07514	27.6893	33.35662	24.68095	62.00499	34.83345	48.54356	36.45739	41.26235	35.31786	57.76704	33.32412	45.49065	50.0937	58.17376	45.60384	53.55568	50.44651	63.18725	35.63404	43.61117	46.37409	42.50386	27.09821	46.74583
CUST_31816_PI429010886	M2478	0.000511606	21	3						115.5105	92.82706	81.61482	173.6159	127.2771	139.866	57.27829	71.88037	56.55385	79.30248	94.62002	46.78844	83.08821	33.82765	53.42717	82.53807	95.2367	36.06722	283.4621	78.84424	190.613	104.7345	127.1629	121.56	191.0167	148.298	178.5273
CUST_45737_PI429010886	M70099	0.000514642	24	15						125.2132	258.2061	192.5776	146.6816	92.80135	50.45617	211.2323	98.097	188.8287	187.773	183.2355	96.51035	220.2833	141.3689	125.9134	252.989	234.5732	331.8463	240.84	198.5315	244.0026	235.1738	191.6851	242.2514	188.4419	135.0936	233.0433
CUST_30986_PI429010886	M383	0.000515378	24	21	91078850	PREDICTED: similar to tan CG12	Metabolic process	Other	1.14E-13	474.0818	555.7599	582.785	480.2531	445.1432	394.1154	304.0274	379.037	438.485	482.9421	589.8797	279.2412	480.3553	446.5017	494.8296	545.1995	667.0187	602.4086	519.1671	516.7278	461.4101	672.7456	535.89	674.5328	746.9967	625.4995	881.8202
CUST_32612_PI429010886	M4573	0.000515378	24	21	321455420	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	1.42E-86	1365.442	1321.627	1507.382	1148.933	718.7132	767.3697	752.6445	814.3635	657.3507	1328.27	887.7791	962.3475	1940.134	791.3056	1508.513	1384.734	2100.692	1221.709	1844.624	1170.327	1346.991	2097.341	1406.649	1612.928	2793.635	1212.026	2294.993
CUST_12921_PI429010886	N30276	0.000515378	24	18						41.99548	57.26697	44.07411	25.08941	19.30617	19.67938	34.79855	54.81901	39.34641	44.73116	28.14985	21.82795	52.96757	31.90012	32.45355	49.75454	36.56941	38.92916	47.37075	72.66933	68.99631	46.44642	61.08411	42.29849	36.23977	44.65936	57.3502
CUST_33321_PI429010886	M6590	0.000517254	18	3	156550289	PREDICTED: ileal sodium/bile aci	Transport	Ion transport	9.59E-33	30.89131	31.34171	32.21229	40.82537	58.7415	35.82514	38.93757	26.84286	31.08176	17.90502	46.41316	52.62861	13.90922	24.88953	30.95428	37.67803	29.09733	29.96081	39.35783	32.96923	35.66495	48.95167	42.62886	48.56063	45.31246	33.6128	41.19213
CUST_36821_PI429010886	M16951	0.000518131	15	0						13.38505	NA	NA	6.619984	14.23378	14.96903	13.6668	5.985076	NA	4.716104	5.385232	4.320866	7.414538	NA	9.75683	27.95071	22.08254	13.57539	9.843601	11.78536	8.177364	4.062742	9.982867	NA	7.632214	9.298932	4.202379
CUST_53093_PI429010886	M100122	0.000518915	21	0	390345459	PREDICTED: zinc finger protein 8			9.09E-29	30.75945	32.36608	35.3123	25.53483	24.00156	25.00095	27.45637	26.0838	34.37539	21.59473	18.11193	17.68505	24.20903	15.47146	3.689386	17.78857	25.44757	23.89085	26.41027	35.00954	17.29812	37.61646	28.52646	25.1173	35.4467	24.09713	22.9969
CUST_53503_PI429010886	M102015	0.000519318	12	0	152949487	calcification associated soluble r			9.59E-10	50.87686	28.09462	56.71975	36.30353	21.11455	28.08693	16.03181	17.24019	20.17168	33.71063	36.11568	29.88246	36.10701	32.03169	33.87813	10.86736	15.86334	11.7375	23.10443	31.32237	20.16039	50.06206	52.0131	26.13567	48.64263	40.86304	48.39409
CUST_31636_PI429010886	M2029	0.000519318	12	9	321463221	putative glycogen synthase [Dap	Metabolic process	Generation of precursor metabolites ar	2.54E-80	125.4485	141.9587	175.9736	175.4084	123.4753	167.8222	113.878	146.2889	149.3159	173.9043	190.3661	218.2236	136.0065	78.21211	102.2621	109.4096	137.7031	151.8112	178.033	181.7225	208.5809	237.5415	197.6371	245.2781	100.8009	147.5789	164.2936
CUST_57261_PI429010886	E3119	0.000519532	21	0	242015079	RAB6-interacting protein, putati			3.66E-17	50.55672	44.17652	48.99934	33.5727	24.69162	30.07738	31.55692	34.28288	33.12003	37.96647	18.8882	26.61351	51.20424	17.8457	29.03394	43.76293	34.10624	38.04316	63.54017	43.79783	42.75542	57.11305	36.33638	46.68118	46.50411	35.66159	41.80345
CUST_42756_PI429010886	M61169	0.000519594	12	3						18.48914	15.44846	NA	160.4236	1232.079	1363.035	20.07184	57.40907	42.05841	12.13203	11.79177	6.632628	46.68118	21.79685	50.6873	236.4795	237.0529	26.61351	16.06042	4.26876	17.93943	7.181893	122.754	NA	96.58233	9.435046	86.45703
CUST_24424_PI429010886	N50598	0.000521985	24	18						13.96378	24.9499	23.86386	4.240642	12.5832	8.979767	19.99489	18.77458	22.30972	10.374	13.07084	14.73953	25.32145	17.47501	18.46268	16.87953	19.54026	31.85963	31.50642	27.55963	32.48271	15.02551	26.3515	18.82499	31.07275	18.69988	27.1479
CUST_51577_PI429010886	M94057	0.000523292	24	0						88.78315	112.2837	108.7083	104.8028	105.8805	96.54391	71.64925	76.40541	89.50979	77.6465	132.6815	82.28293	82.137	86.46711	93.76286	82.71729	93.15792	91.16754	103.7192	96.87922	88.0075	149.047	99.82243	100.2134	174.2606	141.8167	140.8381
CUST_56202_PI429010886	M113092	0.000525195	18	6						6.281077	10.85018	7.513141	12.69375	10.30824	13.97597	11.5008	16.63618	14.18007	5.619603	15.83532	11.87593	16.63419	9.045745	13.95828	3.747707	10.79559	6.542048	11.22739	10.02667	11.10457	13.93814	16.23086	15.68303	20.41963	15.16581	13.77957
CUST_1544_PI429010886	N10005	0.000525195	18	3	121484199	cuticle protein CUT8 [Portunus p			3.01E-38	3053.693	104.5613	4061.362	5407.94	6818.249	6101.131	182.3885	753.373	484.5238	2173.027	9759.347	2498.654	2646.596	4539.587	3929.52	65.76047	95.74045	56.79852	957.7854	1083.848	1193.156	4733.525	6592.219	6132.817	1240.074	4450.275	3224.848
CUST_52593_PI429010886	M98110	0.000528592	24	3						26.39512	31.673	35.12339	40.39391	40.25595	38.61632	28.12879	27.19756	25.19327	22.9969	23.76937	24.46439	23.12555	37.82047	22.02956	31.36138	26.03303	20.66717	26.51031	21.88581	20.37769	25.15651	22.61447	18.73801	24.10212	26.41027	30.20493
CUST_1235_PI429010886	N8949	0.000534799	21	6						584.6183	573.9026	492.5086	511.8036	709.6774	690.7831	643.379	737.8151	832.6018	357.2181	362.0388	321.2079	387.6202	346.8165	334.5246	452.5351	385.6128	449.8325	439.7541	819.3739	586.0404	534.9189	367.2975	360.4299	602.7354	600.0613	732.552
CUST_36376_PI429010886	M15752	0.0005352	24	21						132.0358	168.2637	194.2319	154.5458	183.2355	129.7798	135.3048	142.749	141.8167	159.7027	171.8137	160.6506	161.4921	148.6897	144.1303	152.6411	184.2288	162.3101	202.1456	158.6164	190.3933	171.7541	201.8882	203.1325	190.0902	169.022	227.9494
CUST_31863_PI429010886	M2602	0.0005352	24	18						59.72832	42.38319	83.77516	56.29065	14.57595	22.81234	127.9261	217.7022	180.1324	62.82646	32.17634	47.10201	542.5585	252.884	215.2207	159.8296	130.1961	231.1683	370.0497	975.2848	1245.448	197.3334	16.18229	149.3381	646.8706	132.7509	359.174
CUST_9954_PI429010886	N25463	0.000535473	21	0						272.7395	206.8979	290.511	205.95	198.1577	188.8287	153.2663	160.9374	170.7219	196.6443	235.0418	235.738	257.0403	216.4424	239.7853	162.7885	228.8193	190.0165	229.6141	204.9134	221.8149	265.9831	269.707	304.7058	222.3734	191.9057	269.1635
CUST_44690_PI429010886	M66681	0.000544477	24	15						74.66025	91.02301	55.99408	63.0922	60.30614	63.57042	69.65321	70.25686	63.53279	104.3062	62.41935	63.10394	113.9393	80.52797	91.76448	120.6508	92.61293	113.4137	115.1005	71.1642	109.1085	89.39537	78.65231	96.99292	98.64233	79.82778	90.48608
CUST_18896_PI429010886	N40609	0.000544537	21	15	478252715	hypothetical protein YQE_10251	Protein metabolism	Regulation of translational initiation	9.87E-39	73.29648	138.8001	101.0861	57.99775	31.18062	89.3199	69.28139	78.81902	84.58847	93.56602	91.54439	61.52728	104.1579	84.02947	106.3489	119.6854	101.3206	105.8028	94.94344	74.89382	88.09968	111.6232	72.22265	102.7497	79.66914	62.02618	57.73811
CUST_36956_PI429010886	M17313	0.0005454	12	3						11.00269	10.89115	NA	28.21525	NA	20.43703	28.43678	30.7975	18.49709	11.55337	12.07314	4.792589	19.84259	51.55397	15.4017	61.72867	38.4508	37.03185	36.6656	10.15066	24.47097	5.94666	16.58591	14.31897	19.22794	24.02389	NA
CUST_5899_PI429010886	N19348	0.000548415	24	18			Cellular Process	Cell death		400.2135	1405.334	760.24	575.4805	508.7574	328.9434	676.869	836.1158	1426.211	1178.539	660.1893	834.7743	1271.126	896.2629	801.9356	1282.861	1510.508	1373.039	1804.854	1212.445	1772.069	1024.829	1353.691	1149.936	1893.112	1197.753	1760.199
CUST_38159_PI429010886	M23769	0.000551316	24	18						488.2191	2343.924	2424.1	254.3715	443.0968	541.4917	3321.698	2489.305	1923.884	250.0724	331.2753	39.28264	5420.715	1443.341	3552.655	1979.658	4077.152	5227.74	8945.499	12084.47	8857.18	704.9081	1040.528	687.4827	1288.168	821.966	761.2797
CUST_23533_PI429010886	N48992	0.000551316	24	18						397.5976	2348.232	2237.142	242.9871	420.9575	419.5373	2558.16	2350.317	1609.728	227.8105	338.3225	42.30272	5166.879	1276.929	3222.8	2041.036	4031.99	4767.094	8334.379	11413.74	8189.692	638.4715	975.2848	797.1924	1180.964	814.573	697.5829
CUST_44268_PI429010886	M65454	0.000551935	24	15						16.59434	12.37254	17.33723	7.991764	16.0188	13.44284	18.5449	40.44814	16.78653	19.5015	15.16769	17.78857	21.96464	26.62997	21.47745	33.2543	27.69944	38.34001	17.43685	10.5374	19.73758	21.26556	14.53482	19.39937	16.67805	13.53805	26.14108
CUST_48920_PI429010886	M82928	0.000551935	24	15						18.82499	11.06998	16.84945	10.97116	10.2893	7.590267	14.50367	13.89586	17.01954	20.93117	10.38364	22.83159	26.90034	13.67002	18.33509	22.2941	22.68184	23.90042	16.2053	17.01732	26.4274	12.75342	20.60634	15.2486	6.834174	17.26262	18.68212
CUST_52460_PI429010886	M97511	0.000551935	24	21						54.44704	109.8412	86.19309	105.0177	61.03293	39.6267	86.42647	102.411	175.7896	52.5487	91.7922	23.64777	122.5728	52.27625	80.96563	120.5967	110.5322	100.2009	323.6649	119.4473	192.3094	284.3354	257.8891	257.1925	297.575	102.4622	215.4758
CUST_7966_PI429010886	N22345	0.000551935	24	18	410901921	PREDICTED: RPA-interacting pro			7.19E-28	83.82183	144.495	139.9464	101.8399	127.579	96.13685	85.18385	112.096	103.6461	122.51	124.4273	91.14348	120.5552	120.4953	136.2532	113.878	167.5398	136.4616	130.2882	154.8276	155.1864	120.8275	147.8425	141.1475	130.7958	119.3614	136.9272
CUST_9016_PI429010886	N23938	0.000551935	24	9						24.65528	14.48424	18.08089	16.21895	26.39512	24.08402	28.60128	15.23242	24.15387	28.52375	27.28807	49.48225	24.07128	23.84965	24.95132	24.5682	18.37247	26.63911	20.11731	7.99563	19.5625	17.73313	3.85052	23.31389	16.0527	21.01206	23.87984
CUST_741_PI429010886	N7085	0.000551935	24	21	219815997	crustacyanin-A2 precursor [Panu	Transport	Other	2.75E-10	88.96871	102.2469	160.766	159.1067	148.7099	13.63697	82.1818	91.17437	132.6428	58.72446	157.1785	41.04967	204.4319	21.28674	191.5119	29.11025	304.1662	19.70573	882.2277	345.4356	305.5103	985.4686	553.926	721.4643	348.8785	116.5916	232.64
CUST_47167_PI429010886	M75021	0.00055209	24	15						116.804	207.8778	239.7853	105.7619	92.32672	93.14583	187.3336	167.6498	199.2156	162.8199	105.242	88.08839	180.0167	179.5567	98.86808	209.5934	414.9089	252.9258	262.2441	180.9657	216.3545	213.8259	204.5441	171.3909	175.4908	190.8547	160.2766
CUST_40609_PI429010886	M55622	0.000557176	21	12						72.20641	94.60841	101.5332	83.3741	67.20028	71.29445	88.13366	111.2006	107.1698	86.61603	109.6887	85.4597	113.1524	162.4126	132.3608	63.63996	142.5195	117.6965	59.15199	67.35191	54.15073	54.99013	77.19972	84.61891	68.4557	72.6054	72.58638
CUST_29558_PI429010886	N60101	0.000557498	24	21	344297999	PREDICTED: zinc finger protein 2			4.5E-15	59.34282	83.11893	97.93073	59.6688	52.57215	42.75542	71.87251	64.7406	82.82852	50.89474	78.9339	38.13279	63.26798	47.2724	68.28737	64.7701	48.80246	70.91565	96.71212	84.9077	111.1891	102.1108	86.18133	89.48954	85.22534	85.785	94.34203
CUST_55277_PI429010886	M109414	0.000559394	24	6						47.61497	46.34771	58.35105	41.33969	49.75986	40.23682	68.19401	51.95311	55.67726	39.74893	61.48782	75.12194	52.63501	42.59404	38.293	40.92496	40.04635	54.81291	32.07806	36.10701	34.17398	38.293	35.93556	37.13937	30.90807	52.3424	48.39798
CUST_1743_PI429010886	N10586	0.000559394	24	18						256.4943	241.54	375.5874	168.0227	202.5815	223.6663	167.4488	162.8199	149.3774	165.5949	238.4366	226.7528	221.3576	166.6038	235.9311	138.6664	164.1609	191.4824	450.2424	354.4742	345.2692	274.4544	298.0705	248.3542	334.0615	240.5209	338.8265
CUST_44472_PI429010886	M66082	0.000561629	24	21						112.3135	133.7558	137.8214	139.1591	140.9228	131.1212	116.8467	111.6419	110.3077	157.9625	145.3783	163.3644	176.8339	169.7003	170.8814	159.2709	178.447	154.2424	149.8147	157.3439	171.1773	208.0191	189.0814	225.6648	228.1333	145.8127	208.4776
CUST_1554_PI429010886	N10049	0.000561629	24	21						1095.073	848.0782	1386.294	1091.584	698.508	828.8502	684.4289	668.1223	1189.941	1849.733	878.1427	1142.458	1510.508	702.7679	1001.191	1035.674	811.3473	1497.856	1791.446	1188.558	1699.905	2374.203	1667.986	2361.017	1361.853	1199.116	2369.531
CUST_24032_PI429010886	N49905	0.000565217	18	15						172.0707	209.031	134.2942	203.8465	122.3346	148.1737	395.1137	214.9733	231.4591	314.1834	143.7853	291.6226	270.3263	162.9278	189.1836	405.5854	399.9663	365.8262	192.6657	168.511	250.9574	143.7613	135.3048	157.1328	144.0984	139.1998	210.4634
CUST_10022_PI429010886	N25575	0.00056535	24	0						42.78996	37.70404	53.72874	37.59004	21.31454	25.90137	45.69732	36.07467	43.43371	41.79513	34.12139	42.07726	32.37762	24.20903	23.61619	34.33958	28.46437	34.48395	38.87958	34.36788	28.84319	61.21971	60.65875	38.40048	50.46073	45.5523	50.99975
CUST_14533_PI429010886	N33033	0.000565595	18	15						39.71647	61.55774	27.27615	40.63802	18.53553	32.54688	70.80726	63.96236	35.27964	66.97909	41.28281	35.12021	39.78094	69.73149	60.39565	155.4522	105.9997	104.6237	49.78973	37.4401	45.142	35.00954	47.54634	31.50316	61.85717	55.53179	36.09076
CUST_47165_PI429010886	M75017	0.000566852	24	15						116.9098	139.9842	140.1401	74.31745	82.1985	60.79074	77.79664	131.1766	104.3299	106.2528	108.9605	115.0343	115.0551	116.2357	152.3312	159.203	264.6763	186.848	152.6002	121.4525	115.908	207.1791	124.4898	165.8977	180.1324	130.6083	176.4771
CUST_29200_PI429010886	N59381	0.000569453	24	3						25.1528	21.59198	12.71903	24.74687	53.80944	42.73834	21.63236	39.75608	28.80996	NA	30.43834	24.68878	16.06184	27.65783	18.75881	23.8882	16.56735	10.37766	7.930223	21.5284	3.884984	NA	22.20311	3.372963	4.831368	6.911194	NA
CUST_15967_PI429010886	N35426	0.0005727	24	12						751.8458	129.3882	221.6228	1149.369	243.8189	979.3611	211.1406	129.0645	199.588	253.9457	256.2719	638.3206	256.46	937.1039	844.4833	127.1629	174.2606	134.0991	71.37579	167.3313	116.2567	76.28125	67.13611	117.0265	145.0599	130.8473	102.2878
CUST_31505_PI429010886	M1685	0.000573202	24	21	443725219	hypothetical protein CAPTEDRAI			9E-39	26.1001	32.80252	38.48962	29.76725	24.51729	32.1177	26.56161	31.09684	31.19127	24.49039	29.74537	25.70782	27.92224	25.0443	25.13614	33.59889	41.66058	49.16853	47.66434	29.0216	33.762	49.8658	31.17381	39.95843	33.95508	34.86478	33.56909
CUST_11340_PI429010886	N27650	0.000574844	24	18						543.5625	1168.934	1020.798	795.25	554.0705	248.8552	947.6406	1992.843	2602.477	1528.323	717.3191	620.2559	1985.342	913.8824	1103.344	1390.116	1669.427	1794.235	2844.645	2491.674	4153.924	1947.583	1608.753	2285.617	1988.355	1189.292	3101.358
CUST_31189_PI429010886	M931	0.000579062	18	15	60652230	protease [Homarus americanus]	Protein metabolism	Proteolysis	1.11E-24	1085.159	1058.187	972.4265	781.7261	753.6723	617.7634	974.9689	1096.072	1033.091	792.9194	1158.095	1432.11	633.4883	1230.097	853.7719	1131.397	1374.54	1266.211	951.856	1143.807	677.0488	623.6004	845.2107	866.5613	961.8532	959.7319	868.2894
CUST_43126_PI429010886	M62125	0.000579339	18	6	240979808	phosphorylase kinase gamma su	Protein metabolism	Cellular protein modification process	5.49E-72	5.026423	14.30523	4.473118	NA	NA	6.813064	9.472484	9.105368	7.935999	5.52012	5.624991	7.441018	NA	5.57486	4.93815	3.888277	6.072592	7.215408	4.050994	7.398978	7.879556	NA	8.013913	8.340014	8.744802	13.8182	9.027928

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_41906_PI429010886	M58852	0.000581	24	18						75.81657	122.6496	171.2731	81.56078	72.36145	23.45708	127.0615	105.3002	210.6647	66.70374	25.22785	61.74127	109.9078	59.51158	47.2578	78.15836	70.28135	96.65486	210.4014	343.5695	287.3401	154.4146	181.5978	122.4755	83.15856	114.0296	161.2674
CUST_46803_PI429010886	M73771	0.00058177	24	15						100.4907	109.0197	91.73279	72.15825	62.04596	54.6004	140.6454	104.8945	115.7057	124.3455	94.70581	99.31589	142.1426	105.0583	137.0649	155.8635	111.3418	170.8146	124.1301	84.62659	138.1387	114.0114	87.29007	130.6255	129.5211	89.62874	105.5565
CUST_14195_PI429010886	N32467	0.00058177	24	15						270.0299	109.0861	219.2811	59.45846	37.54916	31.80555	157.6398	330.1913	95.37708	760.7688	490.3414	85.90563	145.6782	892.4292	25.55069	1113.954	638.835	1743.671	305.2389	363.1656	495.5669	489.8482	25.75751	374.7006	627.1961	70.7612	416.0009
CUST_33398_PI429010886	M6789	0.000582884	21	15	383858866	PREDICTED: LOW QUALITY PROT			2.24E-27	22.74972	28.81777	17.20227	12.32463	16.65157	12.13039	19.96887	20.11563	16.70652	21.47745	26.58505	17.39282	19.01591	17.38353	15.86113	26.12451	72.19272	25.58133	21.53519	19.22058	21.27915	20.24228	15.66009	30.35985	15.07768	18.00851	15.9251
CUST_39982_PI429010886	M47801	0.000585289	12	9						15.20248	46.57945	26.94025	13.15696	18.96294	15.93269	21.29702	42.07458	39.44669	49.36855	25.86911	56.48171	15.2772	23.30899	10.52106	8.097597	14.23642	29.91504	6.147251	23.5426	16.71139	50.83559	34.02915	60.55423	22.44752	32.62087	17.42012
CUST_7191_PI429010886	N21174	0.00058579	18	0	225711953	Lepeophtheirus salmonis Pacific			1E-105	20.75814	28.08693	23.42467	16.23086	16.94573	11.38131	8.210092	14.55087	10.72225	19.48764	8.120127	NA	9.226214	13.05124	4.005676	11.55982	26.86667	19.43519	12.60565	28.14237	19.6314	17.78243	16.28228	4.357137	10.55091	5.48672	8.026216
CUST_54366_PI429010886	M105738	0.000587317	24	18						6.084151	9.562348	6.170982	4.836209	4.922133	5.995784	10.06086	14.75102	5.603167	5.290133	7.98476	7.095312	8.020864	6.472863	6.943759	8.595293	17.04641	10.68893	12.72466	8.578942	10.19561	11.44329	12.28481	16.67961	5.855488	7.673574	7.295483
CUST_2719_PI429010886	N12975	0.000587317	21	15						237.1976	385.0272	266.3181	195.2227	156.7919	166.3995	305.1744	274.6135	277.3623	408.3007	262.1593	271.8944	263.0087	208.2391	242.9432	348.1933	395.6891	378.5271	317.7216	284.9823	313.1767	256.6162	205.536	274.7035	265.6845	250.621	217.9731
CUST_37809_PI429010886	M21707	0.000589228	24	3	149675211	cuticle proprotein proCP5.2 [Cal			1.51E-39	14764.65	239.4831	16580.62	17487.6	21459.8	23231.4	341.5157	1335.17	894.0902	10727.23	26191.89	16655.53	5666.924	13419.52	9565.255	93.29743	308.6292	139.3563	526.2718	1154.406	641.9649	10949.85	6470.198	9791.81	666.6396	3879.479	2618.303
CUST_45656_PI429010886	M69832	0.000589228	24	15	170033026	conserved hypothetical protein	Transport	Ion transport	5.87E-09	1363.035	1447.238	1171.1	1196.962	1293.42	1155.769	1348.208	1651.623	1412.179	1474.205	1155.769	1245.448	1489.353	1265.639	1490.226	2179.188	2201.915	2297.179	1388.047	1541.174	1798.348	800.6803	1570.104	1324.412	1302.008	1036.601	1499.429
CUST_4476_PI429010886	N16849	0.000589228	24	15						43.50595	43.38791	63.28914	36.46097	24.52363	40.34223	40.99664	46.72845	50.01635	52.06823	28.62359	44.52658	34.46101	45.81369	43.65204	68.60832	88.0075	71.50913	69.37968	53.56818	74.79444	43.73128	57.14912	66.13826	66.82276	64.23608	62.88893
CUST_23957_PI429010886	N49767	0.00059003	18	15						32.79575	34.39364	NA	24.52594	6.756203	24.4665	51.97249	41.4895	16.16198	34.20262	30.58943	11.27508	51.91074	34.03869	40.10788	97.1413	62.62916	51.7501	32.79575	NA	45.5838	12.28923	21.9708	4.123145	53.60597	39.64997	NA
CUST_38633_PI429010886	M28704	0.000592528	18	15	152949487	calcification associated soluble r			1.8E-19	29725.44	51616.89	23575.84	23084.2	12344.85	14885.24	28120.27	27210.5	22037.75	28492.44	24289.54	25555.67	26299.14	21758.66	19679.49	45964.24	40757.76	40024.21	25611.3	26891.88	18146.2	20563.31	20822.29	17254.51	32295.88	21881.51	24136.69
CUST_42394_PI429010886	M60173	0.000592528	18	15						122.0546	137.7837	184.1725	116.0759	104.2173	114.9878	150.6257	136.3513	158.224	170.4812	115.8791	123.5457	148.131	143.4863	110.7454	192.0736	205.7884	171.3126	159.1067	120.0493	138.0213	133.6073	120.8147	107.7706	158.7682	139.0644	138.7083
CUST_11019_PI429010886	N27135	0.000593146	21	0	299782457	kinesin 2B [Nasonia vitripennis]	Cellular component orga	Cytoskeleton organization	4.87E-30	29.55798	16.25789	15.72693	NA	7.57781	12.47302	NA	NA	NA	13.6951	NA	9.036413	8.176241	3.342467	4.034525	3.306786	6.001367	5.013117	20.95678	5.773049	7.039214	14.48348	15.63819	NA	18.50842	7.519886	NA
CUST_44967_PI429010886	M67556	0.000593418	12	9						23.63327	24.1706	29.17375	7.461548	17.79852	8.593041	9.24062	20.58996	38.25885	41.28987	31.97992	40.75473	NA	14.9705	NA	NA	NA	NA	15.28613	NA	16.58793	25.7544	51.27142	64.45499	34.97876	50.12052	14.73247
CUST_32346_PI429010886	M3890	0.000594751	24	3	126571555	kexokinase [Litopenaeus vannan	Metabolic process	Carbohydrate metabolic process	1.05E-46	37.00674	24.64742	33.4937	57.53971	79.35979	68.30294	27.0245	35.92598	25.0378	15.11243	38.47726	29.05473	26.6719	26.49945	30.7666	21.87534	24.05036	24.64222	17.17797	27.76408	15.27294	31.90974	25.23036	25.38551	17.11834	45.01222	24.4203
CUST_28633_PI429010886	N58326	0.000596687	24	15						115.6114	168.5358	150.0449	98.7449	136.7882	124.4425	141.0774	224.2516	203.0356	186.0544	154.4454	167.0939	139.5452	156.9197	127.8904	279.1333	257.5954	279.3607	154.6882	202.5463	194.6096	137.7837	160.4874	166.7408	152.6181	110.4792	183.9085
CUST_34980_PI429010886	M11229	0.000598271	24	18	302887532	hypothetical protein NECHADRA			2.52E-09	4.285677	10.39641	8.58477	6.029956	3.657752	NA	NA	8.213544	6.313999	NA	NA	4.843001	NA	10.07424	14.1486	5.344742	9.166589	12.39193	17.94579	14.0733	27.99655	NA	12.2009	14.54604	11.38277	6.663215	15.12028
CUST_2848_PI429010886	N13237	0.000599261	18	3						519.1671	371.8649	745.3715	1517.515	1671.759	1690.112	431.6201	544.8319	653.1145	329.0788	1316.811	981.1472	1117.04	644.7162	964.6221	243.9595	152.4015	180.5627	454.1788	921.4706	919.9655	864.8838	1159.214	1040.528	341.3363	623.6004	687.0247
CUST_39650_PI429010886	M42210	0.000601426	24	12						1368.726	3747.441	2177.847	7714.571	3064.959	5380.838	9376.495	10485.81	17487.6	1393.878	19572.59	2599.331	9565.255	11643.13	4783.413	5840.985	6094.281	6559.55	1851.473	3197.119	3561.33	1254.672	3983.53	3755.671	440.7516	1785.094	1849.733
CUST_44272_PI429010886	M65458	0.000602186	24	15						185.7539	224.2516	205.5946	201.7698	193.7855	175.768	211.7618	172.0985	198.4987	232.4494	164.4418	223.8638	251.0374	200.7515	257.4304	286.2998	294.8466	319.3967	250.7116	197.7606	251.7468	240.479	280.0915	286.9821	260.6027	220.8506	331.4329
CUST_8823_PI429010886	N23650	0.000603206	18	9						49.82997	71.24846	56.71352	56.49038	33.96811	56.57137	105.2701	77.57132	43.55661	77.00089	72.92411	82.65009	74.14723	71.35943	88.84654	118.8608	69.39085	112.201	58.82275	52.18229	73.0273	38.16633	70.87494	57.83575	67.41125	68.13325	67.7048
CUST_55300_PI429010886	M109487	0.000604145	24	15	258406678	QM protein [Penaeus monodon]	Protein metabolism	Ribosome biogenesis	6.04E-44	8238.918	11763.32	8911.047	6358.535	6109.222	6826.356	8522.605	12584.9	11612.18	8430.296	7337.918	8051.463	5380.838	8996.679	7122.178	12191.65	16014.56	15367.74	10448.35	11952.65	11932.74	8025.596	11112.95	9056.645	7872.926	10626.1	10374.24
CUST_38256_PI429010886	M24747	0.000604145	24	15						1043.605	945.6613	689.5858	244.9453	229.2847	236.5827	2436.323	1202.808	2103.097	2095.253	1041.894	560.9756	572.9401	1330.649	535.748	7177.873	3617.55	4667.622	1532.345	1209.897	2189.919	1715.071	212.5696	1663.655	1735.82	493.5638	1146.806
CUST_39250_PI429010886	M36712	0.000604145	24	3	149675211	cuticle proprotein proCP5.2 [Cal			8.92E-46	2584.904	48.85342	2909.148	3620.969	4539.587	4061.362	47.03106	265.3922	144.345	1720.155	5336.579	2853.1	841.3097	2559.917	2461.211	13.5456	42.28696	14.66099	94.14191	201.6125	97.63248	1736.886	1316.811	1614.735	139.7918	724.4063	434.1663
CUST_23111_PI429010886	N48277	0.00060655	21	6						43.10891	63.92981	81.48573	86.67082	117.6651	111.894	195.8784	121.9822	187.5023	130.0446	171.5325	107.0354	158.0791	82.59378	94.90821	135.6611	185.1417	194.9048	132.1106	79.90962	79.23954	111.3972	48.69222	80.37006	96.03692	67.78785	101.6124
CUST_46599_PI429010886	M73115	0.000607002	24	15						17.05701	14.73062	16.11644	13.73223	22.74199	23.42467	19.23998	22.62431	20.8897	41.38164	23.00637	24.09713	31.98442	17.57039	24.68337	33.65745	32.69926	27.11011	20.81357	15.31518	28.56603	34.23416	16.44507	38.6867	10.71017	9.697101	22.67074
CUST_13672_PI429010886	N31568	0.000608272	21	0						209.4303	36.16824	139.4559	124.6688	35.89334	124.3819	17.63035	22.30617	17.51582	22.57092	63.74918	42.5735	34.97876	30.75559	44.7597	44.52658	34.86879	38.78289	38.36376	53.52013	35.96302	66.15369	64.54817	61.47323	52.59937	60.25895	56.68053
CUST_39702_PI429010886	M43114	0.000609779	24	12						1422.675	3992.329	2408.139	7807.75	3292.245	5482.841	10178.51	11138.2	17886.89	1505.771	18673.37	2891.912	10337.3	11667.94	5769.472	6612.476	6837.265	7844.789	2126.752	3076.623	3786.16	1298.646	3767.349	4482.635	540.7576	1552.466	2159.534
CUST_44380_PI429010886	M65762	0.000611604	24	3						19010.63	611.5217	13419.52	33508.11	23575.84	33637.86	505.5201	1647.162	403.2127	19434.65	22221.29	24659.23	16655.53	23016.75	22526.09	65.2491	184.0897	209.9538	459.6187	1854.805	305.7738	17837.79	7071.199	17023.68	981.9828	5840.985	4168.103
CUST_958_PI429010886	N7987	0.000611604	24	15						3590.769	7695.811	2879.516	3590.769	1180.964	2060.105	14032.06	9804.488	6999.724	6515.192	2575.646	2650.032	5415.358	4598.208	3215.844	12021.42	15798.02	11395.49	8451.427	8061.991	7832.882	3921.719	8503.163	3636.712	4880.699	7484.678	4311.402
CUST_50152_PI429010886	M88841	0.000613147	21	6	512816354	PREDICTED: protocadherin Fat 1	Cellular Process	Cell adhesion	6.87E-16	17.18131	16.91535	9.337932	22.52125	17.82488	10.7519	22.28065	21.23798	20.83109	23.11901	18.37247	15.7815	14.36072	15.42242	18.77257	6.202056	15.16316	9.228702	6.046138	11.77966	12.4535	15.8318	13.67194	23.07404	17.429	17.14498	11.27666
CUST_7145_PI429010886	N21105	0.000613558	21	15						903.1163	1701.993	1078.02	1226.655	1271.126	1316.811	1546.88	1543.849	1249.87	1564.909	1310.327	1227.139	1338.071	1273.67	1359.053	1795.363	1727.221	1628.405	1485.178	1380.017	1566.672	1222.23	1173.789	1142.458	1303.86	1271.688	1371.826
CUST_28431_PI429010886	N57935	0.000614885	24	0						481.8774	437.0635	423.2638	395.3057	283.5676	281.8133	393.1863	263.7574	304.3391	341.3363	268.9804	283.2866	93.00549	302.274	291.8765	356.9618	408.1953	308.8707	370.8194	329.7868	320.381	439.5135	363.084	303.5583	483.2043	344.5549	343.6496
CUST_54197_PI429010886	M105035	0.000616604	21	0						47.36163	56.08051	51.47126	27.81464	34.87919	36.34085	32.22003	35.59906	24.83681	47.07501	42.94276	31.61388	40.0648	35.27117	47.85839	43.59179	43.43371	38.36376	41.53886	38.98386	42.97957	63.78974	47.97707	45.93656	53.21955	42.77967	53.30891
CUST_716_PI429010886	N6899	0.000618132	24	0						73.95531	80.03641	118.0906	82.89284	59.76447	64.00415	106.0541	74.36638	89.10635	52.86067	55.65872	91.84111	11.95115	41.88081	42.73341	53.30891	30.2752	62.39412	149.8334	83.9013	122.0941	53.96936	112.599	89.35207	128.3674	125.2342	125.2132
CUST_6302_PI429010886	N19923	0.000619062	24	3	321470470	hypothetical protein DAPPUDRA			4.18E-55	231.2512	131.4002	211.1114	212.598	373.0445	357.3731	88.12342	202.5463	107.4395	103.8305	279.563	206.4922	119.7806	150.6494	203.5144	56.28495	39.90611	51.38302	81.43322	168.944	73.75221	190.553	136.6874	174.6876	51.58532	149.1062	81.22064
CUST_57285_PI429010886	E4142	0.000622332	12	9						6897.446	2736.432	9532.564	9684.529	5649.913	4834.858	5166.879	3043.672	7807.75	9629.338	11763.32	8929.115	16252.77	6249.252	9500.977	601.5188	394.0157	626.8237	11164.38	11179.97	11179.97	14071.14	19738.31	18715.71	8387.726	13559.72	18365.76
CUST_9110_PI429010886	N24077	0.000622768	24	0						586.5026	607.6204	633.2997	509.6459	457.5988	447.1876	544.3805	449.8325	555.2007	499.5403	481.4474	436.108	579.318	397.7869	526.2718	523.4696	455.7266	605.9768	506.2756	451.4694	584.9829	586.0404	654.3402	581.3213	621.7856	548.9123	711.4323
CUST_33314_PI429010886	M6573	0.000625841	15	9						13.66845	5.585409	16.83626	11.66013	4.828222	10.95623	33.43295	22.06613	32.60933	29.66274	44.10093	22.28576	24.37754	11.24821	9.812664	16.15211	10.31356	15.69552	19.31757	11.83721	15.22111	20.61232	20.61453	10.60847	30.27186	32.34328	87.60092
CUST_14774_PI429010886	N33450	0.000625916	21	0						512.6794	167.261	670.4033	260.752	88.84654	254.2305	157.4759	171.4564	189.3839	240.3468	136.5677	182.794	206.3618	143.0339	96.9591	117.1964	88.31999	98.19966	320.9643	309.0132	295.973	367.4169	283.1093	243.4049	161.754	245.9078	274.2134
CUST_36313_PI429010886	M15550	0.000626521	24	15						14.03865	20.10181	28.8005	11.43195	13.6951	13.00824	25.0865	24.03743	24.2121	39.40243	23.33315	33.22829	27.29484	16.38536	19.69265	38.30668	40.91608	43.76612	28.14643	20.36911	20.56418	36.53636	13.99541	34.12419	34.02124	15.95307	31.58885
CUST_37499_PI429010886	M19247	0.000626521	24	15	357619639	hypothetical protein KGM_1093	Protein metabolism	Proteolysis	1.32E-10	11836.96	18802.8	13716.26	8135.669	11780.77	8786.531	18522.28	16411.2	16847.05	13532.16	14956.1	11822.99	12191.65	11859.41	12424.28	25888.13	23739.57	25792.96	17524.49	17589.58	18320.9	15492.49	14470.28	14956.1	16801.9	15673.03	17131.85
CUST_39366_PI429010886	M38425	0.000626521	24	3	149675211	cuticle proprotein proCP5.2 [Cal			8.69E-19	15942.89	271.3104	15705.46	21881.51	17023.68	20871.55	317.9491	897.3252	423.936	11503.97	21224.39	12402.11	8204.372	11763.32	12743.08	86.61603	132.1793	153.1826	714.4899	1350.405	879.1441	13616.29	8768.122	11503.97	1023.762	4004.603	3284.996
CUST_18051_PI429010886	N39058	0.000626521	24	3						19522.5	65.66275	17131.85	23503.18	18408.63	24040.66	133.8983	335.9787	171.6359	18198.77	20222.93	18146.2	13301.65	10897.12	18802.8	20.9266	16.32398	130.1528	169.2197	711.8674	229.5267	15435.13	4857.819	13761.91	948.7571	3145.521	3230.906
CUST_27024_PI429010886	N55314	0.000628167	24	21						54.1566	51.29815	68.40054	45.73174	39.39814	52.92294	47.20253	43.92043	46.48232	50.47099	55.0756	57.8755	59.79025	50.30791	50.8307	80.70329	60.94991	78.34836	71.88037	49.89252	59.69202	82.40323	54.78117	75.3636	78.49976	52.6814	72.69874
CUST_47739_PI429010886	M77390	0.000628686	12	3						64.06114	23.51724	36.97883	41.83378	86.23628	85.66787	NA	5.590518	NA	NA	5.32791	15.27616	23.5588	26.62131	9.563744	39.03115	23.61457	28.79058	36.13796	20.10354	4.897248	NA	6.100675	5.903147	22.29988	9.970616	11.85566
CUST_47479_PI429010886	M76286	0.000629131	12	6						NA	7.85968	5.730283	19.88951	NA	13.41897	187.4109	NA	132.9353	22.15192	19.67166	NA	8.078793	9.632394	NA	19.02154	NA	31.83006	225.5195	309.4924	530.8049	27.9424	8.90453	31.97992	45.68256	9.884796	28.26579
CUST_37559_PI429010886	M19499	0.000629787	24	15						63.0922	25.15651	11.09357	4.674714	NA	6.562196	74.58857	31.94579	79.86465	112.6108	48.75454	6.124786	55.96387	40.01172	19.7933	318.482	93.51275	199.3483	49.3434	50.3146	90.39488	56.68053	NA	35.63867	76.5464	15.19175	21.91645
CUST_19001_PI429010886	N40809	0.000633088	12	0						56.51566	47.36534	51.261	54.19504	37.89734	40.11539	38.24515	28.35837	35.32216	49.62	44.20101	41.98856	37.89734	45.64087	44.98293	38.73465	30.89406	43.42575	40.62628	28.0761	36.53396	48.37004	37.31661	41.26887	43.70538	46.54974	51.18195
CUST_6174_PI429010886	N19727	0.00063715	12	9						4548.63	142.7301	4173.107	6051.213	675.0754	3423.157	216.3545	395.0243	600.8289	6999.724	5921.175	5617	7721.817	819.7622	5137.74	27.44734	82.02164	69.39785	1280.159	733.9767	1314.02	9211.498	6430.973	8768.122	880.92	1286.883	2345.461
CUST_8016_PI429010886	N22424	0.00063715	12	9						615.4627	52.6597	701.2976	449.3664	84.78861	372.7272	10.02667	67.58103	94.01958	1204.7	3886.966	668.9797	2275.002	272.2328	1128.19	28.31242	42.68213	44.95536	199.1806	155.3531	192.2662	1565.636	1356.93	1751.317	149.2223	1076.368	1357.702
CUST_11254_PI429010886	N27518	0.000637415	18	3						23.77227	25.22785	45.36684	29.38788	48.26184	32.85935	10.06668	55.57314	46.05207	10.21743	42.51804	19.8869	22.71122	27.26144	20.24228	18.73195	22.40935	16.25246	23.33803	57.24758	27.38699	81.529	70.5683	54.91386	46.31434	55.47729	42.92652
CUST_31068_PI429010886	M605	0.000637443	21	15	488560926	PREDICTED: putative uncharacte			1.45E-10	23.07724	20.2757	NA	28.4735	NA	21.43699	43.46338	25.77691	15.37323	38.55172	10.60534	NA	44.00493	32.78182	32.48749	82.91071	46.35836	48.0027	46.84848	11.68418	28.71759	NA	15.07604	4.733337	27.79405	29.00237	8.977003
CUST_7357_PI429010886	N21424	0.000639123	21	15						30.98678	59.93426	37.1161	26.23262	28.73586	32.4427	33.99416	47.41757	35.43842	29.04471	59.15199	35.15355	34.96815	44.73509	42.82494	57.51884	61.10664	74.39469	28.6788	56.20706	42.12383	35.40128	32.23135	30.15331	45.72512	28.90914	27.39507
CUST_22805_PI429010886	N47703	0.000639238	12	0	4894766	phospholipid phospholipase C b	Signal transduction	Intracellular signal transduction	3.2E-21	143.0944	185.2774	159.9694	154.3027	145.4106	114.5979	110.3412	146.4225	90.89393	156.0011	186.8705	184.0897	174.4367	209.7386	200.9666	144.5227	231.9647	179.9541	156.7437	120.964	104.0803	184.6434	163.8342	179.7937	280.2395	207.5504	247.1564
CUST_50045_PI429010886	M88373	0.000640809	12	0	13624645	arrestin [Libelloides macaronius	Signal transduction	Other	4.55E-23	47.34599	42.5561	44.39683	45.5101	34.0139	33.91249	23.11901	31.72419	23.5588	35.56743	36.12041	23.39833	51.24511	25.32605	37.72215	49.82997	32.17634	38.17039	9.225171	35.40841	23.82015	34.18125	38.79203	44.20516	37.11143	39.14498	65.18818
CUST_9375_PI429010886	N24509	0.000640809	12	0	71159516	C-type lectin [Penaeus monodor			3.26E-11	2940.045	3614.192	3029.351	2195.531	1488.548	1579.509	1836.765	1733.335	1736.886	1850.533	2222.683	1728.138	3154.32	1691.116	2721.255	2216.187	2150.693	2365.258	1340.037	1843.608	1664.278	2842.045	3197.119	2755.522	2790.956	2589.848	3112.057
CUST_44790_PI429010886	M66990	0.000641438	24	3						1393.878	61.59148	1555.177	2203.327	2239.116	2809.488	71.93057	178.447	51.2209	619.5951	1891.416	2028.877	319.0787	1456.541	1796.427	29.77656	27.50147	30.16221	68.32149	244.0506	66.74201	672.5292	155.3804	575.6253	43.09131	288.1795	78.3726
CUST_44867_PI429010886	M67257	0.000644558	12	9	220172363	putative articulin p60 [Rimicaris			8.12E-12	16622.66	1807.527	15731.96	31289.71	8042.108	13962.41	6999.724	6976.622	12836.63	35022.2	30721.41	24199.32	47826.44	12402.11	25555.67	475.3372	195.1701	570.5532	22658.35	13559.72	19522.5	35607.66	45731.6	47123.31	20501.42	21224.39	42900.93
CUST_44391_PI429010886	M65811	0.000647005	15	6						NA	38.66936	45.42128	68.65785	38.73021	NA	76.57491	188.0574	230.3457	NA	28.04985	NA	8.079781	7.958428	NA	NA	33.82382	31.98798	154.3283	57.8755	179.4316	11.33953	503.1242	560.9756	5.115776	11.30735	5.76381
CUST_25122_PI429010886	N51819	0.000651967	12	9						19.75023	6.544441	41.16872	56.16991	43.34	7.397642	8.770103	21.58992	38.35932	56.49639	93.94191	58.0985	74.44615	19.77651	65.28656	7.174372	6.511029	13.57661	63.89963	40.80027	51.01468	164.5889	134.4639	118.5066	69.92903	41.82506	120.0673
CUST_15414_PI429010886	N34534	0.000658558	21	15	91086587	PREDICTED: similar to NADH:ubi			3.99E-48	1015.318	1480.822	1154.406	867.6626	955.5815	931.8674	1068.554	1183.911	1104.992	883.0931	933.5904	1003.961	807.6213	987.1103	958.49	1478.028	1636.385	1716.333	1245.954	1235.811	1402.437	1072.507	1244.709	1208.723	1202.808	1044.931	1260.081
CUST_10652_PI429010886	N26572	0.000659353	18	6						197.1967	205.3407	152.5572	274.0938	173.9842	149.1062	342.1248	286.0534	257.678	252.3498	254.3715	249.0225	238.8661	204.0717	192.5048	276.3303	202.9968	205.0181	226.022	156.9414	210.4014	290.1517	182.7533	303.3581	316.4278	270.4772	464.1815
CUST_39133_PI429010886	M35017	0.000659376	12	3	239799185	ACYPI005467 [Acyrthosiphon pis			1.68E-28	143.8296	360.8837	197.796	215.9822	208.8218	222.505	249.4346	292.7159	223.277	170.3275	140.0779	79.84725	175.9736	211.0809	211.8745	343.9474	258.1145	256.8109	213.3048	166.9271	232.8674	156.6283	201.8328	162.8755	246.0227	205.2018	172.0135
CUST_46502_PI429010886	M72842	0.000659376	12	9	307208663	ER degradation-enhancing alpha			7.4E-15	24.5939	25.15875	28.5452	33.18845	16.28863	19.86462	16.37294	35.90062	21.66729	42.41232	50.88233	40.88884	48.2963	19.04014	28.99912	33.53246	27.30031	20.23623	32.32436	34.02535	34.17027	44.83771	37.52227	59.55202	29.58887	29.85892	31.84584
CUST_43057_PI429010886	M61960	0.000663971	12	0						75.25623	58.18757	87.39589	69.19342	70.51234	73.14068	46.35836	47.96277	46.43071	59.25874	62.08412	56.66829	76.93465	63.54017	84.01764	50.61162	75.0097	52.37742	61.67659	51.55397	49.85348	92.41119	61.79558	87.70118	76.6349	60.96191	100.2259
CUST_40731_PI429010886	M55957	0.000666785	12	9						113.1214	129.5035	121.236	92.50275	81.96005	79.76299	106.8903	113.5034	110.1773	119.8471	111.0547	129.9905	150.0105	93.42816	115.7982	106.9403	62.50961	112.2102	101.9985	116.9474	100.783	113.823	142.6928	137.1887	107.935	110.0054	138.9709
CUST_33527_PI429010886	M7166	0.000669933	18	15						11.02183	14.22535	10.66102	NA	5.223414	6.457152	5.912371	6.743875	4.218831	NA	NA	9.168643	12.65073	NA	6.799426	NA	13.10078	12.85037	8.463106	6.654189	8.372078	8.407667	9.832908	9.225171	6.111488	5.3907	8.169501
CUST_46349_PI429010886	M72321	0.000670067	24	15						95.50727	92.77365	92.22131	115.9671	126.1425	126.2557	121.7107	96.34162	104.6784	144.4328	66.96376	101.5332	144.2213	130.586	108.9908	170.1396	150.3698	195.2227	101.6403	95.65727	124.4273	148.55	96.79055	136.5009	124.9059	93.91412	87.15453
CUST_34330_PI429010886	M9343	0.000673182	24	15						NA	NA	5.570449	5.303946	NA	3.661945	5.122505	5.272315	5.3662	6.950855	6.436561	5.526054	9.476005	6.66152	6.775818	9.120228	9.651486	7.024734	5.910876	NA	6.727557	9.810166	3.763199	10.76987	5.389175	4.80327	8.588027
CUST_52088_PI429010886	M96376	0.000674193	12	9						24.93768	21.0526	24.5729	10.10592	16.48308	15.33609	25.52339	23.04915	26.73698	23.40329	19.49414	29.15439	18.67325	24.89861	21.21527	13.47047	19.71996	13.92807	17.41092	24.65035	15.99496	33.40515	23.90768	33.12802	14.84278	15.60281	29.6361
CUST_34345_PI429010886	M9389	0.000674366	18	9						107.0618	136.6874	125.3758	95.14144	112.1849	124.8368	143.938	143.4692	108.4189	148.0023	133.6627	134.2321	127.4016	132.3168	121.9201	142.9612	126.4865	146.1694	87.56469	103.8566	129.4725	83.18277	97.72445	98.10696	105.1035	98.10696	132.6815
CUST_55009_PI429010886	M108391	0.000674406	21	0						97.77174	85.53397	75.95345	35.96302	72.02191	13.18326	69.39785	61.07789	49.07635	74.01825	48.37508	85.61207	40.60404	79.56634	42.45213	78.41566	75.81657	69.88293	77.18489	89.91214	92.78173	90.8123	93.34171	98.7449	65.36387	52.7243	63.43943
CUST_19688_PI429010886	N42013	0.000675745	24	21						361.0483	501.9234	387.6202	201.7307	334.5246	208.2391	264.9162	304.0274	221.6521	414.9926	303.88	248.4015	377.7197	198.1815	364.3837	430.2082	478.0895	359.4486	318.6428	397.2907	459.1993	484.7365	484.0256	593.5138	240.4351	216.7613	325.1203
CUST_52730_PI429010886	M98691	0.000676585	15	9						422.3982	232.8383	715.4355	1191.902	523.3495	199.4867	375.8148	913.5277	1487.991	803.027	2767.762	625.6951	1578.545	668.7382	609.6218	25.88702	31.50316	36.62239	1418.598	1333.239	2054.56	1497.206	4672.963	4055.849	1734.409	2615.936	4710.772
CUST_45280_PI429010886	M68569	0.000679805	18	6	478262481	hypothetical protein YQE_0251	Protein metabolism	Proteolysis	9.55E-13	71.20264	195.9604	218.1432	203.1887	381.6653	NA	NA	368.9684	420.7391	747.3198	140.4108	438.2874	4.433971	NA	NA	NA	31.40589	NA	105.8493	79.23954	NA	544.9477	86.74668	371.0946	1232.801	566.3117	721.1898
CUST_43062_PI429010886	M61966	0.000681889	24	15						5009.272	5191.892	3783.527	4302.905	1326.216	2402.724	9923.978	6864.217	8929.115	12765.38	5298.376	1813.66	7632.364	5137.74	4121.132	26299.14	9013.443	16035.79	13837.12	9643.272	18365.76	11030.98	1861.323	10260.07	6491.663	1158.095	5125.495
CUST_4471_PI429010886	N16835	0.000683604	18	3						2507.724	2261.704	1486.662	1890.428	2650.032	3575.021	1566.672	4093.741	2108.887	1113.954	1561.658	1316.811	2482.212	1392.832	1626.549	234.1695	295.8069	353.7833	544.9477	5021.117	442.6514	2681.804	3179.907	2459.181	573.9026	9153.451	1856.844
CUST_27265_PI429010886	N55734	0.00068513	24	3						57.9604	25.57409	25.62254	39.11911	33.41645	30.37143	29.15011	22.36152	28.3901	39.41926	25.51207	25.86911	53.95129	17.66478	40.32964	25.34302	20.30731	20.52844	17.48074	14.57035	16.49157	27.4271	25.38551	20.05681	24.67313	33.13955	36.35313
CUST_2272_PI429010886	N12003	0.000686114	24	15	443697440	hypothetical protein CAPTEDRA	Transport	Protein transport	1.75E-23	36.615	26.39512	19.26727	12.38845	18.60754	22.99952	19.25567	20.41652	22.51326	25.28249	27.9284	32.07484	32.02255	28.23406	26.37866	37.84952	32.79916	30.27748	23.1769	25.25638	26.05591	33.54341	25.63215	23.0873	25.20375	18.30441	31.9639
CUST_35309_PI429010886	M12199	0.000694516	24	3						39.25338	29.77371	56.95109	81.40497	113.3845	73.22433	48.2227	73.17158	46.9602	32.3516	65.71042	49.42933	46.04292	78.38177	62.46312	45.63539	52.41843	24.30986	39.90993	33.39115	34.00168	38.70891	35.73305	32.22003	42.59404	49.53863	40.09585
CUST_44242_PI429010886	M65366	0.000694516	24	21	321469964	hypothetical protein DAPPUDRA			2.15E-33	41.84178	53.80944	58.53483	32.97743	30.80426	36.76462	29.21241	34.02535	44.12566	46.00851	29.22381	41.62674	42.29849	32.3737	37.9964	45.49544	40.56201	49.17415	56.21355	45.98151	55.35616	47.16802	46.7009	61.51933	60.31108	43.7275	49.8658
CUST_907_PI429010886	N7776	0.000695916	24	3						981.1472	1087.147	511.4855	554.5386	2637.871	2605.771	1261.275	2194.43	1238.715	271.0264	808.5577	1133.812	512.9523	428.8199	490.8866	217.1239	354.0991	358.5953	349.5554	2918.383	273.0815	735.8335	977.5298	606.3479	357.8637	3855.701	1300.047
CUST_3291_PI429010886	N14199	0.000702121	24	15	225713504	Probable rRNA-processing prote			6.74E-59	165.0194	257.2967	222.4375	143.144	130.7209	142.2962	184.6852	194.3971	211.803	192.5776	174.3193	181.8309	198.2813	173.2871	171.5592	225.1246	279.6802	266.1986	223.2399	234.0578	270.4208	200.0776	191.0479	214.2039	192.9642	191.0479	237.6854
CUST_47420_PI429010886	M76036	0.000702818	15	12						14.21628	12.16729	8.640415	6.795326	7.534185	10.26699	13.65032	9.079938	9.37834	27.39004	14.99779	9.701216	24.19026	19.8408	20.80953	9.992623	10.16286	10.9779	16.60231	8.246623	5.334914	6.209536	7.202814	12.6791	15.68492	11.29273	9.896366
CUST_35797_PI429010886	M13537	0.000703886	12	3						93.38599	498.5642	38.08216	358.97	NA	321.0799	742.4077	441.1218	270.0743	141.0554	49.58225	47.71104	181.0227	423.0504	172.561	514.7289	633.4883	487.3173	237.0529	53.96355	194.3126	87.19961	145.8855	85.04871	214.8953	217.3138	22.5758
CUST_31624_PI429010886	M1994	0.000703901	24	21	380026333	PREDICTED: uncharacterized pro			1.75E-35	32.25164	37.96647	57.11305	33.18448	22.11134	71.73966	34.3577	26.56674	34.59782	38.2274	36.55792	19.82888	36.38383	37.58094	25.99138	38.69008	52.09654	41.64305	60.77123	39.35132	54.74825	38.0933	73.54748	61.49211	53.5836	48.90741	72.16617
CUST_32494_PI429010886	M4268	0.000703901	24	21						1098.155	1212.445	922.8654	802.1705	694.1978	466.4341	376.9694	678.3225	518.3699	1109.283	675.2885	606.7201	1147.873	509.2951	807.6213	824.4785	1074.53	480.5983	1560.774	900.3004	1093.204	1678.527	1348.208	1034.116	2187.303	981.6108	1407.191
CUST_37681_PI429010886	M20572	0.000711048	21	3	371591210	Euphausia superba voucher 980			1.45E-177	16.73229	13.48654	NA	18.66401	18.41119	23.0638	20.19825	17.54	4.347979	17.95668	6.24949	NA	6.981927	15.29719	NA	4.381137	4.724092	5.252307	10.53078	9.007628	NA	25.06028	NA	7.2899	13.81116	20.55348	NA
CUST_37831_PI429010886	M21802	0.000711318	18	15						560.6594	1082.664	593.171	607.6204	532.1418	525.1123	1048.592	895.1277	733.0037	736.2732	578.6613	631.4625	784.4035	629.8536	646.3558	1007.214	1239.555	1221.044	659.7683	617.0017	786.3486	449.0619	644.0162	537.4657	670.6338	640.2875	527.455
CUST_41834_PI429010886	M58656	0.000711318	18	15						102.0887	488.48	331.6434	27.68187	40.06052	10.97548	411.6604	257.2967	280.7963	37.51496	40.3971	35.8443	240.6532	60.64674	199.3242	653.5411	429.3727	394.9633	408.0121	162.3844	384.8278	36.29792	27.30898	51.39588	150.073	141.598	341.5971
CUST_8647_PI429010886	N23354	0.000711433	24	18	478259671	hypothetical protein YQE_0397			0.00000009	19.03842	NA	23.70418	8.853913	NA	23.10247	28.27682	44.05427	28.89871	41.13599	11.46286	18.29038	115.3572	73.1662	19.9833	92.7489	56.96848	88.61521	170.8363	309.7415	259.4587	42.26958	9.741497	24.92085	132.131	65.50892	65.82678
CUST_31943_PI429010886	M2790	0.000711951	24	18	339247611	putative myosin head [Trichinell	Metabolic process	Nucleobase-containing compound meta	3.06E-141	234.9525	325.1877	375.1194	299.7411	348.2785	308.9438	335.9787	310.8187	334.8644	261.7871	338.3895	285.1454	466.8411	351.8456	327.8085	466.3373	509.999	531.7033	458.147	516.2255	830.1589	305.5103	362.6643	377.3111	381.9964	376.3542	420.2294
CUST_53417_PI429010886	M101615	0.000713259	18	0	62126070	C-type lectin protein [Fennerope			2.84E-09	1207.663	1343.626	1138.567	633.4883	407.2747	444.4782	399.0879	685.4537	559.4339	1077.531	65.49568	665.873	291.198	188.0944	302.0161	1880.339	708.4537	2573.227	1291.739	1801.332	3670.22	1074.53	351.422	726.7698	1087.769	473.9767	369.1521
CUST_42721_PI429010886	M61067	0.000713286	24	3						142.4928	66.65338	149.73	190.6927	265.1693	270.4772	144.4328	88.04091	101.7595	181.4589	151.7139	243.331	162.0684	87.12904	218.889	62.80714	102.6378	108.3124	44.635	68.11052	82.20662	160.4657	82.99391	146.3771	166.9271	134.7418	106.9297
CUST_3246_PI429010886	N14096	0.000713286	24	21						6559.55	8073.399	6506.137	5374.176	3546.981	4217.01	3759.237	4247.1	4181.398	6710.162	4311.402	3350.998	6310.155	2589.848	4889.847	6452.703	8644.801	3224.848	11246.8	6533.018	8135.669	9669	11094.64	6696.753	12886.71	7316.568	11030.98
CUST_1829_PI429010886	N10823	0.000715519	21	0			Nucleic acid metabolism	DNA metabolic process		99.53837	126.5797	109.3497	73.05642	44.69425	59.53613	79.10899	95.173	67.83335	86.54102	55.76605	84.84924	69.00406	57.34418	61.11356	76.82742	66.34289	93.24932	78.70208	102.4622	95.62259	93.88506	120.5704	110.8559	107.4112	85.59262	56.08545
CUST_41631_PI429010886	M58187	0.000715868	24	9	321463719	hypothetical protein DAPPUDRA	Transport	Protein transport	4.13E-98	43.7275	25.74697	43.33093	38.48559	41.72651	33.12802	48.7032	49.41907	34.79498	49.06918	53.76136	44.09481	28.20414	45.54022	42.50868	37.46702	30.00507	38.7574	35.76583	25.75751	23.80052	36.04308	37.19414	24.64222	30.58395	33.35975	46.1952
CUST_31471_PI429010886	M1612	0.000720598	24	18	321474328	hypothetical protein DAPPUDRA			5.28E-34	13.16313	18.24533	17.51139	13.96239	9.394115	13.11625	13.65748	27.94793	30.5034	8.870244	16.15024	11.86355	12.7945	14.85832	18.05597	17.57258	16.53385	25.47189	23.76317	32.77954	33.43972	19.60994	23.43945	19.12194	19.25825	17.78324	31.55692
CUST_17244_PI429010886	N37642	0.000722672	24	21						28.44753	26.34871	33.5847	21.03035	18.67988	25.74697	14.13121	19.64801	14.94547	17.57258	32.16695	21.8116	29.84354	15.86706	39.34641	27.47239	26.65836	27.85388	31.83006	25.0865	23.22144	44.2137	29.82705	33.92168	36.30353	25.35423	32.29945
CUST_29188_PI429010886	N59357	0.000722672	24	21						103.3894	86.57172	102.2094	106.9803	92.34598	81.91112	89.26977	83.28215	93.8595	101.9343	72.00199	104.6122	107.509	94.22856	100.9249	82.46867	102.8659	103.8983	144.2876	104.7064	134.4639	152.0785	113.7264	137.1639	113.9812	82.26609	123.1603
CUST_48872_PI429010886	M82628	0.000727329	15	0						157.2786	178.9851	122.3002	138.1611	137.1425	125.0424	137.0649	183.2834	102.2878	125.9339	81.95267	92.15089	81.1468	170.8814	128.3867	244.8878	173.9043	175.4908	144.9793	119.5848	144.4561	101.0057	127.4016	105.4796	130.9866	98.78131	115.3698
CUST_12300_PI429010886	N29254	0.000727329	15	0						26.82167	28.56322	27.19181	28.44753	18.72709	28.84875	25.39051	25.75751	21.98717	19.87183	19.38387	9.257058	24.13409	25.60929	22.30308	27.79405	30.445	29.53381	23.72726	24.21438	21.91441	27.29712	26.98744	19.71101	18.88946	27.42138	18.39269
CUST_55273_PI429010886	M109408	0.000727583	18	0						16.5468	NA	20.87673	7.931706	17.68949	9.518164	NA	11.35345	6.287167	3.790529	NA	NA	12.31491	21.87009	16.11449	6.998897	16.79206	10.23432	NA	21.23798	24.66091	11.85089	14.55467	18.31223	7.555163	9.764026	6.233337
CUST_4391_PI429010886	N16657	0.000728914	18	15	321467999	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	1.76E-11	116.7583	170.8635	106.0881	142.2138	70.11515	140.717	310.1796	203.2614	202.8396	206.5228	182.2404	93.42816	258.9723	195.2973	229.9746	377.9818	324.9732	341.84	225.7047	85.87925	225.1246	127.4388	153.502	148.2361	220.9943	247.0114	158.2397
CUST_29645_PI429010886	N60281	0.000729794	18	15	195393330	GJ18862 [Drosophila virilis] >gi|			7.58E-34	78.20138	106.786	126.7723	71.33011	49.04219	69.6885	77.02123	90.28649	99.04563	95.80871	50.44651	83.03055	76.2209	103.1963	77.38763	155.2643	111.1532	118.8772	96.66958	72.30147	73.02048	68.68072	75.97892	63.1189	113.7264	96.73368	55.57314
CUST_11707_PI429010886	N28274	0.000732057	24	21						201.3668	441.5527	313.0268	245.7379	268.869	259.7345	150.7445	238.4366	231.588	266.1484	284.1966	236.8007	400.6266	256.0012	433.2807	418.5156	510.3128	373.2381	349.1843	385.0272	264.176	636.7343	346.9643	465.2004	618.3282	312.008	483.3359
CUST_29119_PI429010886	N59234	0.000733638	24	0						50.42215	74.67002	74.4544	47.26148	54.23194	69.99598	49.98481	47.30405	56.86607	52.44815	48.71388	46.24282	37.38294	37.33345	42.96134	73.82805	69.12973	56.97506	84.16166	66.72605	74.42622	55.91239	70.7612	49.48225	68.52496	79.58985	77.08874
CUST_50011_PI429010886	M88236	0.000735714	24	15						71.9695	44.97817	18.17381	17.29971	19.80764	17.66478	280.9343	161.6606	311.1315	251.655	177.7281	NA	23.06634	72.10955	17.29188	548.9123	384.7267	409.117	87.33991	196.1489	265.541	202.0727	8.771483	185.7829	144.3231	37.32223	60.20069
CUST_40118_PI429010886	M50563	0.000737241	24	3						59.55202	40.30598	42.62886	76.16835	39.0142	30.07238	48.36443	23.10443	27.93535	34.36428	21.68674	27.39507	19.9436	16.15468	7.762013	21.63236	39.21711	32.2704	15.89978	17.32058	21.36249	22.68661	23.09515	36.18124	25.87214	25.21148	NA
CUST_10623_PI429010886	N26527	0.000739075	24	15	260832812	hypothetical protein BRAFLDRAI			2.4E-59	13.21287	15.483	20.0391	14.46435	14.66551	15.84904	22.6604	15.01335	15.7786	19.34308	10.74484	28.5396	19.02154	19.34679	25.70122	33.76876	28.76456	34.13318	38.84447	15.40578	33.78234	31.19127	27.01424	33.50165	29.76143	16.06768	32.1177
CUST_5774_PI429010886	N19176	0.000741442	24	3	330371797	lactate dehydrogenase [Litopena	Metabolic process	Cellular amino acid metabolic process	2.91E-141	262.8953	270.6292	247.0676	220.7835	149.5552	227.3555	138.9709	134.7253	154.0925	160.5687	122.0709	174.1094	146.9973	98.94639	106.8903	109.6621	104.7861	97.97101	69.54417	125.0613	64.57231	135.7196	139.8503	106.1445	118.5066	134.5506	73.60215

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_6307_PI429010886	N19928	0.000741442	24	21						37.67421	45.32861	48.75822	37.20732	38.04561	43.38791	35.0064	37.34896	42.74631	44.23722	42.98811	37.43476	58.59505	65.31526	38.62391	46.29157	43.07048	57.90877	38.92149	50.67391	37.25639	72.29255	61.33441	68.40753	43.76612	43.71813	49.70798
CUST_28079_PI429010886	N57251	0.000741442	24	18						16.29003	16.4966	21.95217	13.62435	13.85654	10.46343	12.52433	16.0527	16.98352	13.93501	13.81	22.35516	23.70635	15.929	23.66496	26.6898	22.8101	28.65621	29.48451	23.02305	21.14216	32.93541	17.64762	35.67153	27.21287	18.1064	37.31972
CUST_36003_PI429010886	M14261	0.000741506	12	3	321454610	hypothetical protein DAPPUDRA			1.13E-10	49.93016	71.03566	NA	56.20706	NA	54.57944	97.3611	51.61367	70.84605	13.22574	11.93633	NA	42.52944	149.8147	39.41926	144.345	69.6714	107.332	81.14024	40.80836	88.58571	6.788846	26.13038	8.236488	20.11384	39.37754	10.64305
CUST_50719_PI429010886	M90772	0.000744367	15	0						36.97106	46.96617	NA	14.42489	9.226214	20.33677	29.40141	14.28982	29.41761	7.511244	15.67736	3.202569	14.73062	20.02577	13.30754	63.62492	25.00095	51.25301	20.7112	17.2724	17.91767	5.625819	33.17225	10.66953	11.78821	10.70872	NA
CUST_38689_PI429010886	M29125	0.000746562	24	21			Symbiosis, encompassin	Other		1967.079	3161.765	2315.807	1979.658	1394.635	1306.636	780.1728	1551.452	1341.551	1879.179	1514.569	1368.726	2408.139	1421.92	2183.114	2049.491	2517.49	1971.443	3401.586	2388.437	2656.978	3145.521	1501.763	2666.243	4482.635	2477.377	3672.992
CUST_49980_PI429010886	M88081	0.000746996	21	0						28.57269	28.91213	27.79864	18.48559	17.8457	16.08274	23.34465	19.25567	24.33043	22.56644	24.70901	18.22098	13.65748	10.71329	19.20294	20.53592	14.5601	19.25364	27.20363	28.6464	24.3283	39.59398	23.27322	31.98442	27.15652	18.29498	33.44269
CUST_56336_PI429010886	M113533	0.00074733	24	9	91090940	PREDICTED: similar to tenebrin [			1.8E-26	106.7181	55.99408	89.7803	122.0363	75.94639	105.7619	110.1325	63.2086	72.67801	146.093	135.2901	136.0268	135.6453	128.5506	134.9488	160.1108	91.89616	126.4187	126.7723	58.24276	124.3244	124.0306	88.81146	107.8755	96.60811	85.99964	102.1812
CUST_51690_PI429010886	M94592	0.000750425	24	21	262305015	acetylglucosaminyl-transferase [			8.97E-55	32.75387	28.87134	36.04017	26.56161	14.96193	25.7879	22.38961	19.99907	20.92153	26.21426	25.84326	29.07923	21.21931	25.25638	28.49433	29.74537	26.73097	34.29815	30.86168	28.00501	30.28912	51.62622	26.32889	29.57468	38.61632	28.3766	31.07591
CUST_13544_PI429010886	N31361	0.000750425	12	0						27.07259	25.0763	30.31787	44.73509	25.91063	27.99322	24.42528	14.28195	20.70448	31.90012	32.63017	30.87082	28.19237	33.3337	26.73304	19.68623	22.35516	23.26849	20.20024	16.90269	17.60727	21.34009	28.99912	27.87026	39.22978	36.56941	35.07936
CUST_51304_PI429010886	M93001	0.000750828	24	21						16.32616	17.64448	24.57064	11.23132	11.41659	19.47348	15.43474	16.65693	12.52146	20.00187	24.81983	11.48082	18.08853	26.36566	26.73097	20.32505	19.77738	19.0444	27.60403	20.51742	20.90369	28.64244	22.91081	27.31402	26.805	18.77458	24.25128
CUST_4371_PI429010886	N16615	0.000753856	24	21	291236607	PREDICTED: zinc finger protein 1			6.21E-50	8.956638	NA	14.61747	8.419629	9.27828	6.455238	NA	8.684295	5.8709	NA	8.681841	6.145604	6.378654	6.612027	7.262291	11.05247	12.62197	14.28982	8.409122	10.16523	8.823825	13.56135	13.41211	10.62147	8.573258	9.93804	10.51323
CUST_9711_PI429010886	N25080	0.000755239	21	0	357619676	hypothetical protein KGM_2193			5.3E-16	15.81757	9.499412	17.65737	9.665024	NA	8.009934	7.201851	10.60449	12.84908	12.64908	12.32167	11.51457	8.219759	10.28394	7.565346	5.085084	7.904365	5.21464	8.289866	6.06107	10.56586	12.77798	17.54223	14.41307	9.946155	15.80426	11.64898
CUST_39324_PI429010886	M37811	0.000757508	18	3	121484199	cuticle protein CUT8 [Portunus p			1.13E-54	6727.299	158.6683	6010.065	10550.02	9669	8387.726	314.9794	883.7364	783.6564	6041.324	9653.786	6897.446	6559.55	5157.305	6791.114	130.4451	143.6223	101.0861	1735.82	1236.613	1671.759	8269.17	8786.531	9241.731	1915.575	4349.21	4906.082
CUST_5059_PI429010886	N18205	0.000757508	18	15	321472021	hypothetical protein DAPPUDRA	Metabolic process	Cellular amino acid metabolic process		149.0265	244.4333	167.708	142.126	140.6285	144.2213	251.6934	226.205	216.2603	188.7958	169.8826	144.389	174.4941	215.5592	165.5194	263.251	190.1223	305.3804	179.3019	186.9296	213.5938	130.702	164.8179	148.5751	214.5153	187.0996	163.5388
CUST_37191_PI429010886	M18140	0.000758468	21	15						62.97498	83.41575	80.6925	62.02618	56.2716	54.17106	61.31201	49.67166	36.21321	68.31562	66.47509	65.31526	80.99203	67.09453	58.58735	70.3428	86.29714	86.11117	50.62088	78.40447	72.79587	62.47784	93.27554	84.72348	59.51724	60.3351	69.53147
CUST_23637_PI429010886	N49182	0.000758648	21	15						16.45776	13.40595	10.15324	14.18326	14.3566	16.43671	18.26175	17.17977	9.659899	22.71992	15.47982	17.55426	19.33949	16.28228	18.49355	26.97701	23.14702	21.80903	17.00672	11.68939	12.9801	11.01416	8.086218	13.7624	10.33927	25.52576	8.18229
CUST_29755_PI429010886	N60484	0.000758858	12	9						9.497226	8.156982	14.16364	3.556285	4.790015	8.348262	9.802866	7.404706	14.53618	17.02991	NA	13.56792	10.63333	NA	9.145931	8.627581	12.43497	9.472484	11.24042	6.583562	12.00378	17.53011	12.78681	19.83069	16.85312	11.80456	14.60077
CUST_36284_PI429010886	M15418	0.000760213	24	6						854.1319	949.6232	52.09654	330.3379	2279.977	1212.026	1467.602	2051.901	1021.91	76.06374	803.738	906.8146	113.2744	1219.279	826.1267	1199.116	702.937	585.1407	551.8317	721.1898	419.0196	41.47035	417.2642	34.17741	144.389	488.0472	12.83208
CUST_37133_PI429010886	M17951	0.000760213	24	21	345484846	PREDICTED: glycogen debranchi	Metabolic process	Generation of precursor metabolites ar	2.19E-65	10.11558	11.48313	22.78054	14.51805	9.949274	15.38937	10.26259	7.142339	11.15951	11.68247	5.879724	12.54489	20.97185	6.631805	15.57359	20.51989	11.53064	12.40192	22.53181	16.34183	11.38924	25.37072	21.2559	24.7525	26.10539	12.35338	19.04623
CUST_3452_PI429010886	N14533	0.000760213	24	6	390338472	PREDICTED: pentatricopeptide r			0.000000793	1085.793	1288.168	71.07642	416.6449	2924.097	1564.909	2140.692	3286.945	1460.387	99.99679	1211.071	1230.097	50.83861	1823.25	1338.071	1998.783	866.3088	829.47	826.745	979.7526	653.3386	31.61388	427.9123	34.46463	122.2649	550.4921	11.88441
CUST_10441_PI429010886	N26239	0.000760213	24	21	332376843	unknown [Dendroctonus ponder			3.67E-34	550.9285	540.0952	647.9305	525.9937	401.5328	450.4965	365.6513	364.7211	502.9461	507.073	570.5532	563.3118	501.9234	406.4569	574.9115	556.4241	1016.824	867.2487	641.1736	635.9298	597.9185	708.7213	566.7623	739.9176	906.8146	776.4904	834.3772
CUST_27291_PI429010886	N55793	0.000760213	24	18			Cellular component orga	Chromosome organization		199.3483	241.4743	246.7327	172.9739	207.2734	145.5507	254.1458	188.2081	315.6063	250.9574	129.0812	236.6326	221.5001	232.7425	238.9099	236.2759	278.1702	317.4998	393.8421	309.3501	449.1793	293.095	254.0305	267.6739	308.5071	151.1899	309.9865
CUST_20310_PI429010886	N43212	0.000761389	24	15	23505740	cAMP generating peptide precu			6.23E-09	1280.159	1494.458	1109.283	984.5856	825.7252	850.8759	948.1481	1255.327	996.3906	1113.188	935.873	935.4596	1059.777	1069.345	1001.688	1519.636	2194.43	2092.723	835.3759	1455.41	1554.179	968.0088	1591.635	1340.037	1198.216	1179.062	1179.914
CUST_1975_PI429010886	N11210	0.000764962	12	9						207.6167	9.346935	137.2826	178.5544	50.95848	45.24265	33.70651	106.7298	70.70842	1444.129	203.8066	1130.969	563.6439	283.4621	107.0354	NA	NA	5.451604	45.61863	83.62172	84.40775	536.0532	2337.634	1680.655	30.63415	541.4917	766.804
CUST_38499_PI429010886	M27402	0.000766745	18	3	220172369	cuticle protein [Rimicaris exocul			2.04E-23	4602.898	155.7485	4048.748	10506.53	7769.948	9056.645	421.3144	1415.173	1523.69	5317.598	14218.13	5693.503	6913.964	6101.131	7518.482	106.3359	154.2023	99.78003	2086.93	1649.323	2152.198	7497.741	11138.2	9954.878	1987.037	6665.157	7157.757
CUST_13680_PI429010886	N31579	0.000766745	18	15						37.55337	30.68002	38.15236	25.7341	27.97979	16.96032	39.76397	37.91239	33.21573	38.87958	40.3323	27.29484	34.07334	34.47718	34.88898	38.4343	69.88293	45.60889	31.54655	36.88652	50.17642	29.99869	29.53381	32.52808	35.44968	28.43101	43.78502
CUST_306_PI429010886	N3728	0.000766745	18	3			Metabolic process	Carbohydrate metabolic process		482.8348	107.6658	502.2054	596.9264	664.4758	640.2875	165.3421	175.63	164.3433	383.8668	569.7522	490.3414	542.0349	353.1568	544.8319	125.9134	108.8478	74.47864	185.1157	217.7355	151.261	703.6419	575.9481	567.5384	190.3204	369.9026	284.2929
CUST_32821_PI429010886	M5190	0.000768035	21	9	33468738	calcification-associated peptide-			1.48E-16	12.67448	12.83208	18.52205	14.7567	76.25504	46.3034	13.02032	21.39542	15.7695	28.34528	86.57172	98.63138	25.59303	34.14439	34.39051	19.10801	10.22653	13.54908	5.858162	11.97009	16.95871	14.39646	22.23772	7.794152	20.44981	16.75714	25.44962
CUST_25604_PI429010886	N52724	0.00076863	12	0						NA	13.99541	7.40828	5.362097	9.662411	6.077489	6.678572	3.777473	5.823197	6.365294	8.110275	5.873873	NA	NA	11.80456	6.603742	10.64209	5.880569	4.883912	9.844862	4.020996	11.22739	7.159232	6.89341	12.41522	10.74743	7.322474
CUST_37616_PI429010886	M19862	0.000768682	24	15						80.82353	172.1367	139.9317	501.7792	218.5351	302.504	436.0075	313.4133	494.2109	84.07229	970.2746	274.6613	907.8057	798.2619	130.9524	976.531	857.4356	777.3446	88.84654	181.7766	163.4271	37.18271	193.3026	119.8767	62.33316	63.22855	98.24098
CUST_56331_PI429010886	M113518	0.000769598	24	6	546682942	hypothetical protein D910_1012			6.83E-08	329.7868	222.9863	105.242	119.3101	1063.435	471.601	657.5452	781.7261	400.5287	105.9898	423.0504	295.7504	54.15073	525.1123	223.5106	176.0973	41.67619	74.42622	118.7939	370.4445	53.76136	58.07534	53.7784	50.41623	37.25639	196.3457	9.501041
CUST_38606_PI429010886	M28491	0.000769598	24	3	13898841	CUB-serine protease [Panulirus a	Protein metabolism	Proteolysis	2.34E-55	34.48071	20.34099	29.73407	26.7573	52.2967	27.49657	36.53396	39.93436	14.9705	35.72049	39.86153	17.76942	26.51031	25.58795	16.2936	20.1058	26.56409	14.51648	13.50148	18.9538	7.193219	20.03497	18.9538	9.166589	21.54974	21.27915	11.56292
CUST_3647_PI429010886	N14955	0.000769598	24	21						70.64915	61.88614	67.43392	76.09471	54.41681	50.77623	56.46685	56.00544	54.47023	81.45042	56.734	59.28822	74.81691	61.46387	52.32559	59.92793	62.92982	59.88108	74.36638	65.69754	62.50961	98.73078	70.66441	89.49919	78.0963	67.63991	92.69475
CUST_10922_PI429010886	N26999	0.000769598	24	3						284.7236	338.993	347.2002	551.429	554.5386	545.1995	253.7732	578.8472	393.5689	426.7646	467.6907	257.6419	314.9328	273.3536	542.3764	170.4812	419.8124	234.791	207.0521	124.5521	190.289	282.551	554.3874	321.1394	171.3909	409.117	197.9185
CUST_11752_PI429010886	N28345	0.000769598	24	21						822.9225	1025.404	775.6832	586.5026	546.0695	542.1922	571.5137	669.1662	716.6417	921.0975	710.8823	846.219	1200.665	672.5292	1168.291	896.6099	1191.479	1062.767	998.2787	916.8554	639.2868	1414.36	1218.815	1414.36	1220.331	925.9054	1104.345
CUST_31739_PI429010886	M2282	0.000769971	21	15						157.4566	1730.472	66.27041	2191.923	220.7089	1659.781	2915.434	2327.901	264.3686	1074.917	1115.579	595.0044	3185.221	1355.196	2581.822	4971.086	3177.941	2965.89	2645.058	106.1914	1857.76	250.3956	311.7361	289.3393	1615.517	978.4034	88.93364
CUST_37824_PI429010886	M21772	0.000770984	24	18						544.5236	2427.484	2443.901	252.1635	428.6927	518.9718	3401.586	2371.181	1935.604	220.9724	326.4068	35.45282	6304.559	1480.103	3307.225	1765.847	3875.533	5110.752	9041.082	14161.49	8348.895	689.0797	1092.583	715.878	1251.245	963.1582	757.5703
CUST_39701_PI429010886	M43090	0.000771964	24	15						5157.305	7653.847	5336.579	4719.533	2962.88	3247.587	4012.41	6333.445	6116.36	4388.629	5131.503	3879.479	5625.087	3324.822	4261.241	7039.176	7731.941	8362.147	5947.47	5496.275	5482.841	5489.861	4798.856	6226.747	4646.072	4482.635	4548.63
CUST_38678_PI429010886	M29081	0.000774817	21	15						1961.653	6818.249	3027.036	1157.507	374.1555	684.1238	7663.711	6988.188	7731.941	2285.617	766.5607	867.2487	3843.133	2551.022	2330.806	5244.429	8911.047	8051.463	3272.412	3360.114	3712.526	1038.012	2598.143	1130.969	2499.817	1979.658	1992.843
CUST_15079_PI429010886	N33972	0.000777668	21	15						7.87171	30.23399	22.12314	16.6131	11.09087	19.94017	23.19651	37.88972	26.69789	42.24367	8.267617	16.06359	44.37921	26.93742	35.91186	92.27655	64.64642	45.59558	29.41761	19.17932	15.4299	24.54259	37.94596	25.5482	18.80121	23.10946	10.84565
CUST_34938_PI429010886	M11122	0.000778984	24	18						17.42676	65.20578	64.52421	21.3257	21.56906	17.23652	26.72462	76.19975	70.14984	21.42365	45.84356	19.91453	29.24032	27.46909	41.24111	39.89679	58.47152	46.46187	122.1883	108.4697	155.1073	62.94384	33.66656	40.4228	45.05271	22.95726	49.78973
CUST_33392_PI429010886	M6768	0.000781294	21	15	330371797	lactate dehydrogenase [Litopena	Metabolic process	Cellular amino acid metabolic process	6.38E-60	104.6237	173.4784	133.7558	167.564	159.3669	166.8948	142.9786	209.1753	205.4207	172.0396	230.3006	56.25386	140.9846	251.4577	173.332	393.5689	290.9943	273.5066	257.1241	269.0492	291.198	131.6454	111.766	143.8043	182.4139	130.3441	139.3908
CUST_49052_PI429010886	M83815	0.000782035	21	0						290.5678	310.4343	332.0817	253.6738	238.5827	230.2055	248.439	242.7465	264.0732	304.9349	268.7721	233.412	265.3922	247.9236	244.4333	322.315	285.0355	274.4093	270.9698	265.4524	277.5468	286.1136	289.7731	298.5019	265.6462	261.3125	263.4524
CUST_22719_PI429010886	N47528	0.000782539	24	21						258.2414	364.6437	333.1336	297.8825	253.4735	302.1401	277.3623	321.0799	293.5137	283.9592	232.64	279.9809	279.6802	235.3802	301.5476	428.2506	323.747	420.7391	371.4802	280.4189	392.057	507.231	316.8051	489.8482	361.4106	330.6328	406.9392
CUST_4538_PI429010886	N16987	0.000787137	12	3						29.53009	27.53743	19.73488	40.3323	36.56623	34.68278	33.54781	31.31571	28.19779	40.38567	17.67253	30.81577	23.12326	22.45692	22.20069	39.81401	35.62951	32.92024	29.25153	28.05953	24.78012	23.14702	27.88813	25.13144	23.98146	26.76018	31.0164
CUST_46548_PI429010886	M72956	0.000788369	24	18						5.65772	6.429816	15.96647	5.752268	4.670269	9.055283	11.34206	7.24584	19.35535	12.16843	4.596206	15.05262	17.22544	12.46897	12.00512	18.67654	20.40806	16.19743	24.73755	20.36712	15.55749	32.5431	18.04733	20.2236	24.22714	17.97466	20.13304
CUST_52710_PI429010886	M98586	0.000788369	24	3						28.24507	21.70164	14.03865	16.48308	22.33262	30.05065	21.01206	10.99972	15.07768	16.45591	13.25797	9.349393	16.65548	18.1699	16.74205	18.87533	8.410091	12.07805	5.906938	5.361132	6.95828	14.22358	10.85699	10.96209	15.0561	14.80561	8.867841
CUST_13268_PI429010886	N30885	0.000788369	24	18						105.1035	166.9271	150.2258	102.1199	80.00199	82.66079	103.4513	176.7718	165.7618	110.45	118.7615	103.9866	152.096	101.3719	144.4561	121.1808	139.5639	135.209	209.2118	199.3048	243.7665	195.2973	126.3851	163.0243	233.7126	134.8921	166.1333
CUST_15503_PI429010886	N34687	0.000791834	21	0	321473177	hypothetical protein DAPPUDRA			9.52E-20	260.5042	568.2556	460.1149	309.3501	394.4626	383.7931	203.057	310.4859	302.7771	189.6492	264.3686	177.2739	172.7187	338.1196	370.6325	232.4494	287.3062	312.3683	224.7103	456.7205	312.6928	420.9575	418.9116	390.8971	354.9347	439.1006	279.7318
CUST_45511_PI429010886	M69334	0.000791861	15	6	321473002	hypothetical protein DAPPUDRA			2.84E-14	7.114823	11.4247	8.796309	10.86311	12.50469	11.37088	21.42365	16.74981	20.61709	18.36173	11.87175	21.93034	16.98223	33.15745	13.5155	7.64439	12.58686	13.50832	14.0796	16.07009	15.20809	17.61537	16.40534	22.91081	13.51353	7.9866	13.61982
CUST_51775_PI429010886	M95016	0.000793114	24	15	321475716	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	2.52E-29	56.48171	36.42929	48.7032	29.15694	30.12442	20.16039	60.58102	67.63991	38.8005	55.22014	25.91063	30.02506	58.71184	44.50543	37.57177	82.60618	60.62225	94.3568	54.04744	67.80459	73.76003	33.41357	37.24906	39.06825	53.081	49.67166	53.7784
CUST_2371_PI429010886	N12205	0.000793114	24	15	321473526	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	1.07E-17	1642.989	4606.27	2437.73	1758.225	850.8759	995.0788	1653.487	1827.788	1930.481	2593.566	1066.406	1444.129	2837.693	1793.169	2276.393	5678.164	5251.996	5336.579	3091.943	2514.613	2909.148	3393.901	1464.031	2900.703	5162.169	1041.115	3940.028
CUST_42206_PI429010886	M59688	0.000794227	12	0						324.1912	354.4054	313.4133	244.7472	259.9818	225.0517	174.3193	255.571	238.0667	268.3647	301.3784	314.4452	359.587	253.4735	331.6434	240.9301	346.9643	288.117	258.4714	291.2685	278.8807	308.9438	355.3919	349.6396	428.3837	349.7302	437.5336
CUST_29636_PI429010886	N60271	0.000794345	15	0						32.17634	34.64088	31.36138	21.26556	28.28966	32.22585	20.66314	25.46688	25.48697	27.69481	15.19667	22.0234	20.07037	23.93602	21.60514	42.67386	34.70595	31.03564	31.92217	25.58573	22.82508	27.30572	26.76257	24.80109	22.78318	25.32605	23.86079
CUST_16536_PI429010886	N36420	0.000795763	18	0						105.5064	239.7136	348.0379	108.8321	76.46737	4.542234	11.55069	10.18329	5.882831	28.90326	30.05065	26.0166	39.40243	15.02551	16.7377	NA	62.04596	48.77487	25.17016	43.36291	50.98858	53.56818	39.24909	27.13523	36.5095	4.021257	25.70439
CUST_13622_PI429010886	N31489	0.000798406	24	18						45.73174	73.09797	56.51566	40.93434	41.57553	41.25004	49.1413	65.53387	70.3428	55.11106	54.6004	45.90076	63.61175	44.17172	47.13	73.54748	65.03673	69.25445	71.47305	66.60304	94.25033	78.34836	87.34939	92.54225	88.76092	69.16443	76.38149
CUST_37582_PI429010886	M19596	0.000800488	24	12						28.0791	20.36405	7.489289	22.2434	4694.435	1430.525	30.5922	63.32579	23.09515	NA	2498.654	2261.704	NA	4190.519	4499.92	29.76143	15.84059	14.50725	22.27865	62.05756	18.09453	9.201788	21.66219	8.790565	NA	21.84014	4.950558
CUST_29077_PI429010886	N59152	0.000800711	24	0						43.67283	54.13743	40.40244	36.73983	36.66337	24.87517	39.70565	36.98876	36.03288	44.81684	36.1335	22.44233	36.29093	34.36788	25.57409	18.1573	33.09557	28.76131	32.10702	32.63627	29.9217	33.63302	39.44669	25.13355	76.69145	34.23102	41.60067
CUST_11139_PI429010886	N27329	0.00080146	24	15	270008578	hypothetical protein TcasGA2_T	Nucleic acid metabolism	RNA metabolic process	3.26E-31	81.95267	66.31026	67.48124	68.60832	65.82127	67.87655	100.9526	77.63531	75.09386	83.59122	68.41738	115.1151	92.92674	83.42667	91.13599	126.2905	86.41587	108.623	82.95322	69.45139	84.35052	78.86032	70.90586	84.89672	87.47672	64.24425	76.8564
CUST_21887_PI429010886	N46043	0.000801902	12	3						20.11731	21.62003	NA	20.57512	42.03961	35.6426	21.26556	15.66009	9.545474	15.81139	6.817435	13.63037	16.77811	16.23247	9.167675	27.27378	16.84041	24.33371	9.459821	13.0267	16.36134	NA	14.21628	8.954353	6.934132	28.26373	NA
CUST_52303_PI429010886	M97004	0.00080284	24	15						6.374074	6.339415	9.477425	9.14315	7.740604	4.060355	3.318441	4.171723	7.665823	NA	NA	8.018435	10.98054	NA	11.18027	15.41819	NA	10.33423	14.13121	NA	11.99083	15.90721	9.331963	9.320269	9.386871	6.563887	6.121824
CUST_39863_PI429010886	M45893	0.000803689	24	21	371591236	Euphausia superba voucher 760			5.22E-160	101686.5	98191.21	104498.1	100092.3	102393.8	98191.21	103630.6	95305.17	94019.51	99678.14	94790.65	89298.33	101035.5	99004.2	111377.9	109451.2	95305.17	118638.4	103630.6	102393.8	118638.4	105237	104498.1	122649.5	102933.3	102933.3	115488.3
CUST_6374_PI429010886	N20018	0.000803689	24	9	308512298	Caenorhabditis remanei CRE-ME	Cellular component orga	Cytoskeleton organization	6.89E-158	95.79812	153.0619	92.23687	131.468	208.2743	181.1454	175.4589	162.7885	113.6067	139.0644	183.8614	177.05	97.6745	184.2288	103.0964	94.87741	180.3196	106.3076	73.88293	130.496	86.41587	50.47099	95.37708	71.07642	82.57504	162.0267	62.48982
CUST_1361_PI429010886	N9404	0.000803689	24	15	512913175	PREDICTED: proteasome matura			2.58E-08	338.1914	523.3495	340.4211	249.0801	267.3602	263.4524	280.879	412.604	384.1573	346.4474	287.2425	354.5733	273.1848	438.3717	317.784	427.5284	511.6359	525.1123	309.2795	425.7716	450.8164	263.893	398.2963	361.4833	337.4051	325.2782	374.1555
CUST_12501_PI429010886	N29563	0.00080394	21	15						102.222	95.9971	28.82648	74.75403	185.4321	213.4477	150.8283	87.80111	86.06068	126.0731	113.2432	131.7896	93.57741	148.8378	128.9375	316.7134	190.4302	162.4391	143.5433	53.72874	120.4803	45.44328	76.16048	39.18322	85.09153	81.68207	31.81746
CUST_1673_PI429010886	N10408	0.000804703	21	18	321474958	hypothetical protein DAPPUDRA			1.51E-84	59.08609	121.0252	97.77174	28.73196	60.58102	41.67991	45.42128	92.27655	79.88277	44.37921	115.286	49.63135	63.69892	46.12726	102.9045	60.32347	59.9228	72.80134	114.9651	121.5027	128.8978	97.25517	63.88253	82.34733	49.75065	45.26784	56.34222
CUST_8101_PI429010886	N22537	0.000806262	21	9						19.58386	24.19322	22.24082	16.84413	18.47386	14.41931	34.19427	31.50642	24.44847	39.61156	16.96414	37.6918	26.99424	30.41718	28.81777	33.15311	36.66952	29.62066	29.64248	27.18917	28.17748	15.35106	29.95378	20.465	19.7864	27.49657	20.73851
CUST_55851_PI429010886	M111885	0.000806755	21	0						132.3608	53.04738	184.2613	60.68646	34.89501	83.99404	40.7495	34.07747	40.4113	73.67616	39.72368	62.35954	35.24577	36.42265	16.2921	121.3825	46.98969	103.7292	41.31439	35.01636	51.32137	208.6394	112.6548	63.74337	116.4848	62.58458	76.2209
CUST_6331_PI429010886	N19960	0.00080714	24	21						935.4596	1091.098	1011.981	812.2115	543.5625	616.5627	451.4694	635.3318	803.3036	1025.772	988.9686	923.7499	1037.623	781.2177	999.9612	1185.011	1049.887	1109.283	972.8403	969.4842	790.1557	1110.326	1068.824	1288.693	1105.917	905.3835	1533.458
CUST_12475_PI429010886	N29524	0.00080714	24	21						1119.38	246.8683	1289.967	1545.477	1005.566	382.7119	532.2614	207.8484	440.6377	863.8645	1981.815	630.5448	2738.485	1217.388	884.1094	944.1713	707.6592	1084.272	2192.968	2061.689	875.0518	2629.319	2430.729	1718.114	1241.315	446.2058	1548.254
CUST_16949_PI429010886	N37128	0.000810868	24	3						NA	19.01388	16.14215	25.74697	28.3766	43.24154	18.64133	28.8807	11.99083	NA	22.76835	10.03041	10.28202	8.04727	11.71113	12.17645	18.85869	11.57988	14.80803	19.78846	19.43327	14.85493	23.29768	14.43282	18.80957	21.42827	11.0716
CUST_8548_PI429010886	N23206	0.000811015	12	3						13.33462	10.33423	3.283408	21.62449	25.18191	28.93158	9.381399	12.6478	13.69771	6.427241	9.75094	7.610237	13.27288	23.96408	14.75483	28.8322	22.36969	15.87551	14.24675	7.782145	17.22926	NA	14.5199	13.55744	NA	13.87165	NA
CUST_19486_PI429010886	N41660	0.000811387	24	0						31.18313	25.20375	31.45292	24.5024	17.44275	14.24384	29.20612	15.68303	16.69734	22.22979	14.48646	18.35004	22.33547	12.87704	18.59104	19.47577	10.17169	13.18326	14.27002	15.92395	20.72028	31.30624	16.04092	25.74022	39.17239	22.46441	27.37887
CUST_38872_PI429010886	M31412	0.000812149	12	9	195447950	GK25804 [Drosophila willistoni]			0.000000501	580.6289	34.12419	539.9257	1416.762	121.6909	712.4529	66.19633	47.73425	93.70997	1805.629	3724.515	946.5528	1729.252	314.9794	1127.159	7.702073	23.00207	20.30258	210.6647	100.1016	164.9813	1877.836	1964.046	2702.508	393.4684	1649.323	2317.529
CUST_11318_PI429010886	N27616	0.000812949	21	0	414151636	prophenoloxidase activating enz	Protein metabolism	Proteolysis	2.15E-40	1160.436	1083.233	1143.279	1113.622	459.3044	692.1008	837.7142	1104.992	1074.104	729.6122	736.7743	594.2073	830.1589	927.3328	786.1643	521.7908	1041.115	662.3233	1005.566	874.6609	1040.528	968.3563	1397.328	1118.482	789.3467	951.856	1185.739
CUST_57211_PI429010886	E2487	0.000814263	24	15	151579928	40S ribosomal protein S2 [Arten	Protein metabolism	Ribosome biogenesis	1.83E-29	14502.16	18365.76	13503.69	12631.63	9684.529	12344.85	18613.15	18910.88	19434.65	15435.13	11780.77	12378.85	14389.61	12699.11	13154.56	20501.42	19522.5	22847.77	18758.28	19635.13	20271.85	12402.11	14580.94	14411.75	16070.74	14032.06	17088.5
CUST_32808_PI429010886	M5156	0.000815263	21	9						20.55029	39.63021	12.93513	8.440387	3.800251	12.40192	39.70866	24.62932	34.59443	43.74801	31.51924	42.38836	28.67614	16.32616	29.50684	20.55619	16.04092	21.98953	31.60415	24.83937	18.01822	30.37998	13.88603	19.89174	15.80013	18.91131	17.41782
CUST_7965_PI429010886	N22344	0.000815263	21	15	76158140	Taeniopygia guttata clone 0063F			4.28E-54	15.76545	35.84121	19.99907	20.95393	27.31402	32.97277	30.31994	33.07741	18.05597	37.33345	36.32694	29.38566	30.14473	21.07179	36.71092	37.87395	37.71641	46.64371	24.47097	32.56117	34.22563	25.46041	18.29498	23.87086	28.30304	24.58293	20.20229
CUST_52312_PI429010886	M97027	0.000816715	21	0						952.6113	616.0609	1350.405	162.2114	118.7214	18.08853	282.172	558.6463	373.6591	118.8608	187.773	90.13423	103.4374	48.80246	48.88764	169.6212	351.92	236.3014	230.6071	195.3229	194.7406	426.4459	174.0791	414.226	128.1168	232.0765	377.9818
CUST_12066_PI429010886	N28871	0.000819144	24	21						621.285	829.47	698.2425	695.8214	627.1961	553.2936	365.0376	525.2596	625.4995	815.2223	548.75	595.1579	1116.065	647.0623	855.0422	712.9201	1043.236	631.2553	817.4569	917.9436	837.9532	1099.423	826.745	833.7381	1333.239	695.1268	1057.154
CUST_16671_PI429010886	N36662	0.00081977	24	6						4.87786	13.31417	10.42633	3.216882	7.383186	10.69163	17.34464	30.81263	17.76418	11.08814	NA	NA	NA	13.24014	11.02607	14.68136	8.376444	13.46545	10.42743	6.856268	13.63196	5.79893	3.127206	5.316215	9.383476	5.908768	13.3485
CUST_20867_PI429010886	N44214	0.000822063	24	9						31.50058	16.74205	17.78243	42.76535	37.39816	37.17059	25.22536	21.69652	22.37256	33.47158	54.77517	35.13173	37.40246	30.31074	26.65508	19.99907	31.66604	21.68449	18.40546	21.39999	13.64203	18.34559	16.8338	24.64466	17.46553	19.87929	14.6763
CUST_36322_PI429010886	M15588	0.000822301	12	9						28.47679	29.81738	23.57211	16.0253	13.06456	13.45946	15.33068	21.16897	23.8982	26.32557	22.03386	30.30695	39.76763	18.04733	41.85499	23.90042	17.44594	16.28066	46.68552	19.97115	36.34085	68.64759	53.67622	51.72801	52.82485	26.14375	35.36547
CUST_43407_PI429010886	M62971	0.000824838	24	3						498.4242	100.0827	537.5716	433.4692	1091.098	561.3058	222.8685	184.6434	260.557	514.7289	557.4698	586.0404	256.0394	332.5739	518.3699	93.96854	85.58451	138.2385	200.863	185.1715	225.8314	384.1573	268.6876	445.0179	263.0994	372.4691	433.4692
CUST_34068_PI429010886	M8653	0.000824838	24	15						926.6453	889.3882	891.3462	922.5025	655.1561	828.3699	901.877	843.2459	976.1525	1024.289	548.5685	803.027	1017.256	941.3897	630.2951	1764.635	1324.412	1890.428	1265.098	1189.941	1591.635	1026.487	686.4707	1164.205	1196.459	837.7142	1078.02
CUST_1244_PI429010886	N9002	0.000824838	24	15						5678.164	7861.824	6584.064	5489.861	4101.099	4130.841	4998.113	6193.269	6837.265	6885.506	4253.847	5166.879	6744.57	4606.27	5578.907	9096.626	8334.379	8400.194	7900.843	7090.073	7769.948	7950.355	7111.995	7303.286	8016.887	6304.559	8189.692
CUST_34314_PI429010886	M9303	0.000825351	21	3						350.5162	226.4631	414.9089	464.677	419.1486	380.5457	239.0006	284.5232	287.4074	289.8261	163.8916	193.0974	493.728	281.628	249.888	180.4687	195.3229	150.3174	335.8993	331.9294	388.7734	313.739	453.1048	344.3047	426.7646	298.3765	446.0553
CUST_49856_PI429010886	M87457	0.000827908	15	9						124.5835	38.23223	87.91078	189.1569	157.4103	133.239	56.35449	60.75955	42.42877	167.7409	301.9582	203.8465	168.7741	120.8608	149.4369	55.8305	32.01377	27.46378	52.35235	56.03663	45.84807	193.3912	221.9709	202.6223	58.16145	196.9638	219.9666
CUST_25344_PI429010886	N52236	0.000829424	15	12						20.38623	18.2969	14.23378	14.29468	13.88603	13.35388	7.555163	15.80426	11.29793	22.06175	8.599165	20.42168	19.41383	24.75929	23.64329	18.86536	77.57976	21.2032	32.44868	15.10467	8.512367	11.76421	11.67855	12.81384	16.16637	7.335668	20.90135
CUST_1566_PI429010886	N10096	0.00083116	21	0						7.091187	10.97116	10.38364	6.391026	9.595961	6.518117	9.106589	5.142937	7.196175	NA	5.985076	6.5874	7.870945	8.958741	6.405558	4.422432	5.668943	4.900801	5.639861	3.484263	9.752082	11.79624	10.76826	8.640415	9.647611	8.822371	9.274547
CUST_30938_PI429010886	M266	0.000832663	24	0						867.6626	969.0998	1004.431	869.3099	710.633	583.0039	601.6893	571.0817	664.9053	704.9081	783.939	509.2951	923.7499	673.8771	666.8579	617.7634	782.0893	859.0835	796.2861	806.2686	605.287	1176.913	890.6088	834.3772	1306.13	844.8862	943.4447
CUST_7536_PI429010886	N21695	0.00083353	24	6						39.27561	36.96718	8.374367	7.512221	108.9127	12.95419	96.40725	126.4021	112.7746	NA	51.03976	46.29157	NA	49.66108	33.4748	78.44375	45.04591	27.36851	13.28567	21.68674	11.21915	NA	NA	NA	NA	4.484845	NA
CUST_7880_PI429010886	N22212	0.000835413	24	15	153791718	probable global transcription ac	Developmental process	Embryo development	1.88E-57	17.43071	25.50246	29.29243	17.14735	18.14584	16.34992	24.87849	24.15387	29.13251	23.67748	17.99307	25.00095	25.10509	33.15012	19.95957	42.28326	26.83157	39.55957	32.13276	23.79553	27.53522	23.29214	31.87401	33.59136	27.55409	18.5449	30.54385
CUST_14958_PI429010886	N33760	0.000835413	24	15						50.70492	70.5281	60.58781	46.67638	43.20988	33.61683	61.60004	62.49633	61.97446	50.73158	45.54022	61.91527	62.28713	50.92486	68.62585	72.14124	82.11629	78.33025	70.45005	68.9382	72.5147	67.97224	57.20828	70.45005	71.40475	69.35987	105.0583
CUST_18097_PI429010886	N39135	0.000835413	24	15	121512010	S10e ribosomal protein [Xenops			2.74E-25	5558.806	8189.692	5900.066	5350.891	4875.223	4610.9	7861.824	7415.157	6885.506	6430.973	4740.787	5533.093	5736.233	5197.224	5686.353	8683.686	8984.262	10464.54	6752.376	7122.178	8605.765	5073.866	6696.753	6265.89	6171.545	5792.477	7506.653
CUST_52888_PI429010886	M99339	0.000835941	21	3						26.71367	24.02389	22.1912	29.6361	22.33779	30.09026	18.25369	22.12314	17.56328	21.60932	23.87086	25.53705	12.8639	20.55029	13.35744	25.77932	24.19784	24.24247	24.46253	22.10476	22.46441	34.24084	24.99752	29.5453	25.0443	28.82404	29.9255
CUST_38518_PI429010886	M27613	0.00083655	24	21						1494.458	1383.977	1600.243	1707.189	1344.214	1427.593	1697.826	1426.211	1497.856	1653.487	1221.709	1373.039	1204.169	1285.646	1020.798	1954.479	2314.026	1885.037	1789.218	1574.714	1638.477	2092.723	1913.068	2343.924	2322.285	1462.785	2001.707
CUST_3113_PI429010886	N13825	0.000836814	21	3						21.92764	15.40374	17.08884	22.09313	27.2558	30.26815	19.79114	25.32953	27.24094	18.28716	33.09951	17.31771	30.45211	14.27175	18.89628	11.86035	12.50576	14.43282	35.20206	20.80025	25.13805	37.60099	22.37256	26.6049	40.93434	29.72829	31.50316
CUST_55374_PI429010886	M109818	0.000842605	12	9						2035.999	199.5249	1971.443	3633.442	1361.235	1816.059	451.2333	793.634	1401.131	3098.696	5571.385	3376.686	4045.654	1579.509	2889.672	45.9872	27.03986	58.12746	1847.559	1340.842	2097.341	3801.741	5659.622	6143.541	1941.073	3811.795	6317.157
CUST_47779_PI429010886	M77588	0.000842605	12	9						16452.07	1061.158	14922.71	19195.08	6491.663	10294.69	4253.847	2332.204	5686.353	21974.84	24721.57	17131.85	27073.29	7484.678	15045.33	419.1486	580.6289	585.6903	8827.334	5826.27	10127.21	21459.8	26491.1	25792.96	11305.05	14015.31	24040.66
CUST_6517_PI429010886	N20203	0.000842605	12	9						15.07177	18.60754	12.30413	9.928002	10.5335	10.5238	14.17193	18.42634	13.00488	21.4181	13.02177	12.17645	15.36995	11.60477	6.031062	8.128515	10.95928	9.373767	17.29448	11.95362	14.64996	12.72466	20.23623	22.01795	16.07832	12.12705	19.01591
CUST_38939_PI429010886	M32275	0.000843415	24	9						111377.9	135762.5	133343.7	142420.7	143808.2	139320.7	135762.5	140605.6	146308.3	151266.3	148414.4	184129.5	146987	142420.7	142420.7	146987	154561.7	135762.5	154561.7	145543.1	104498.1	136545.1	137201.5	135762.5	136545.1	141877.5	130632.6
CUST_38562_PI429010886	M28010	0.00084346	18	15	157111095	myosin heavy chain, nonmuscle			8.56E-09	1075.462	731.2874	1239.086	1219.83	734.7144	902.4975	927.9648	1312.243	905.7144	956.8208	661.1838	673.8771	1466.161	1251.736	995.0788	2414.182	2060.105	2201.915	1955.527	1974.35	3205.37	668.9797	395.3057	594.6179	2139.451	754.9422	1135.35
CUST_45500_PI429010886	M69310	0.00084346	18	0						50.75197	35.5871	28.03594	19.65735	19.2221	11.37814	8.747232	18.94794	13.34178	20.50908	5.02057	6.229277	45.29856	47.1467	20.14753	26.79915	9.177369	28.98683	42.42432	62.45522	96.58233	18.91649	8.730033	24.9499	41.45634	11.46624	11.29
CUST_2017_PI429010886	N11332	0.000845988	24	15	222160395	Sox14 protein [Scylla paramamo			4.31E-20	26.51323	44.9498	28.2373	21.17165	30.11811	25.14223	28.53195	33.06934	36.69203	35.68728	23.51724	32.11277	35.99005	42.16378	44.05006	65.73258	58.06369	56.44652	23.93259	33.47158	40.46451	33.48088	37.63739	33.44947	34.7801	39.92572	35.95603
CUST_88_PI429010886	N710	0.000845988	24	3						11179.97	164.9432	9791.81	14982.33	14137.09	19485.9	269.1036	409.8716	244.1329	7577.055	9791.81	15340.52	3255.97	12378.85	18235.97	63.74337	79.55681	102.6229	203.4357	604.6962	282.8745	4177.108	1472.69	4513.062	778.7232	1556.87	1594.029
CUST_49633_PI429010886	M86465	0.000847437	15	0	291235783	PREDICTED: galactose-3-O-sulfo	Metabolic process	Lipid metabolic process	8.07E-13	57.36964	73.65204	NA	53.04738	3.619597	58.32536	59.22327	54.36935	46.76121	27.27615	15.45147	7.913226	19.54299	27.18917	20.64275	111.8445	80.37006	76.78462	63.16716	20.81559	59.25874	8.290919	52.75072	9.715358	49.9052	44.80331	3.377397
CUST_16754_PI429010886	N36812	0.000848009	24	21						189.2095	259.0205	213.3383	167.4695	196.5522	169.3865	150.6011	183.6827	208.5115	211.4988	206.4029	184.6852	157.5397	195.3229	132.2008	202.4277	168.7741	167.3834	211.7465	193.3377	145.9095	285.8344	270.2277	231.9279	214.8629	238.1099	237.6384
CUST_57336_PI429010886	E6444	0.000848493	12	0	374095290	voltage-dependent non-L-type c	Transport	Ion transport	5.32E-64	46.17368	43.01095	56.59797	42.29117	37.48759	24.27221	18.97529	34.01769	31.6335	34.46463	37.33345	48.98753	32.29221	39.2895	59.82583	40.7919	33.92168	39.45708	41.28281	33.53619	33.42535	43.77016	44.49549	43.05532	52.86649	44.96721	65.78378
CUST_164_PI429010886	N1947	0.000852757	12	9						64995.27	4080.702	57453.95	66134.01	33076.81	52429.1	14015.31	15394.16	26891.88	74264.89	92404.68	69931.06	85264.67	40595.56	80988.9	848.3549	1105.498	1841.638	32540.66	27832.29	40217.51	76090.53	95305.17	94790.65	46674.67	65558.65	88732.25
CUST_53670_PI429010886	M102717	0.000852789	15	12						36.02994	31.09316	36.56623	31.28585	32.33214	29.75777	31.36138	35.07936	36.03727	36.12859	39.64997	48.37508	49.66108	34.25309	43.27654	52.37142	32.72443	41.39951	28.96499	25.5482	37.9908	39.33451	31.64075	41.24525	42.29117	33.92845	40.3175
CUST_26045_PI429010886	N53558	0.00085518	21	15	242009301	conserved hypothetical protein [			5.21E-08	1640.994	2231.56	1610.862	1190.571	1412.179	1432.11	1881.294	1681.402	1910.884	1676.984	1267.497	1649.981	1770.862	1465.124	1529.961	2256.232	2221.308	3122.414	1762.47	1669.427	1925.502	1470.023	1888.631	2031.77	1330.649	1339.398	1681.402
CUST_5890_PI429010886	N19338	0.000856457	12	6	321463770	putative triacylglycerol lipase [D	Metabolic process	Carbohydrate metabolic process	1.92E-126	NA	5.044846	NA	30.24945	54.66763	55.47226	214.2039	43.03704	164.6878	28.42265	53.63563	29.22381	4.788815	20.26341	11.26818	47.7452	9.275544	41.76233	195.3229	680.5705	988.9686	40.4228	NA	41.4895	122.6496	27.4271	78.01928
CUST_55145_PI429010886	M108868	0.000856563	24	15						707.1593	1065.144	1009.468	768.79	713.4537	738.5083	872.0312	826.1267	1096.577	867.6626	839.7101	781.2177	913.1879	736.9876	895.1277	1389.498	1179.476	1307.951	1098.155	831.9483	1120.742	1037.623	981.1472	1102.848	1089.998	845.5682	1195.535

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_55844_PI429010886	M111855	0.000856563	24	3						20968.09	457.4761	22092.06	31801.71	31801.71	35022.2	833.5137	2384.985	1940.134	15798.02	3886.2	22279.42	10178.51	17729.56	22037.75	219.7344	410.7073	251.3401	1535.771	2167.915	2018.868	18198.77	11356.17	16491.53	1743.671	7270.382	6592.219
CUST_39239_PI429010886	M36617	0.000856563	24	3						562.2603	75.51715	450.394	807.6213	816.5697	686.6456	57.65509	66.54894	43.45889	241.3201	649.9373	746.9967	207.9512	707.3888	756.8703	36.44264	46.97626	48.68211	50.35761	86.92889	50.4892	280.0406	94.93084	218.8175	50.75534	129.3679	97.14951
CUST_50725_PI429010886	M90798	0.000856563	24	3						10532.72	2033.334	9717.024	19084.08	17555.23	20662.81	1743.671	2713.9	1852.945	14161.49	17287.24	19522.28	10035.81	11179.97	16372.71	1003.255	1229.495	1453.877	1829.884	4031.99	2141.9	14439.79	8644.801	14703.33	2010.612	7232.62	7138.174
CUST_2317_PI429010886	N12095	0.000856563	24	15	225711970	7-dehydrocholesterol reductase	Metabolic process	Lipid metabolic process	6.6E-94	24.04549	100.7491	40.45937	37.87395	30.72686	50.51811	81.68207	105.3673	61.3302	78.87059	51.94695	54.64003	91.08467	94.15594	67.97894	88.30062	126.5609	105.3213	76.33415	77.61728	120.2404	64.02245	45.78026	72.46881	108.6123	80.06182	50.57582
CUST_10418_PI429010886	N26199	0.000856563	24	3						1582.625	543.3224	2299.057	2809.488	4641.846	3485.281	677.2359	716.3366	1113.188	1103.734	3043.672	3478.142	1373.854	3460.858	4284.075	304.7866	323.5934	446.6878	893.2381	941.0274	1026.487	1335.17	1303.295	1852.945	943.4447	1561.658	1967.079
CUST_1010_PI429010886	N8210	0.000856563	24	3						1660.744	49.4079	1717.387	2839.956	3336.354	3825.101	95.18929	213.0483	106.1339	1109.766	2254.423	2482.212	711.4323	1651.623	2102.006	21.85461	4.230836	16.62453	37.29216	209.1018	31.88942	2080.932	225.0517	1681.402	35.02108	203.2256	76.19975
CUST_19484_PI429010886	N41658	0.000859469	24	18	260836230	hypothetical protein BRAFLDRAFT	Transport	Protein transport	5.5E-34	15.0561	10.76358	14.09206	11.66134	11.25219	6.683325	10.19338	18.26175	18.84481	10.03041	6.307711	5.44689	10.27251	6.37788	14.23996	19.15475	9.553409	17.40595	42.96134	26.85004	37.05226	16.09693	13.67551	17.17004	27.36342	6.205904	18.91474
CUST_21856_PI429010886	N45981	0.000859469	24	9						135.4737	100.8605	123.8841	155.3061	254.6677	191.1071	156.3694	143.0166	103.1619	160.139	186.2473	280.5224	111.1784	170.7874	174.3634	123.5107	100.4112	103.9647	114.0573	105.2701	82.3809	112.5075	99.58967	116.0591	128.78	128.78	94.44995	100.59
CUST_28759_PI429010886	N58565	0.000862315	24	3						21.94131	11.40119	26.77594	28.38277	59.98742	65.9928	13.7086	14.84138	12.99612	31.50944	26.27112	34.41579	27.29712	19.86967	27.12484	12.93352	12.62763	15.52955	17.98946	12.6791	5.578787	25.9357	18.50635	22.05458	19.27844	62.87718	26.99424
CUST_40898_PI429010886	M56332	0.000862889	15	3						8.320354	8.023716	4.892286	9.200402	10.01527	NA	7.046728	6.460713	9.203065	NA	3.784383	4.800498	NA	5.393032	NA	6.394884	9.916433	8.3196	NA	12.93352	17.20767	NA	NA	7.587167	8.165142	5.938065	7.370654
CUST_26266_PI429010886	N53950	0.000862909	12	9						144.9158	78.73755	256.7541	187.0768	72.74057	91.89616	99.23862	114.6686	172.9954	203.7183	166.8948	161.691	134.9672	133.4287	168.944	112.6234	65.82678	104.8815	160.0873	128.0247	201.4162	480.9139	194.0105	433.3852	175.0487	152.6639	293.8829
CUST_9352_PI429010886	N24480	0.000864471	15	3			Transport	Protein transport		106.1034	122.7625	90.45329	112.6548	131.6748	93.3967	65.20578	99.74451	96.79055	96.7742	88.43455	108.298	58.19693	69.58412	63.5234	91.34986	193.2061	87.54238	156.2876	155.1864	143.1244	98.91443	128.1168	92.02415	106.5192	104.4233	93.03552
CUST_30858_PI429010886	M21	0.000865738	21	15			Metabolic process	Cellular amino acid metabolic process		530.8049	642.7419	450.2424	281.7476	311.2489	381.2204	709.2377	631.6446	594.8478	571.5137	419.4465	639.5264	404.7001	476.8665	363.5741	707.6592	762.8618	789.8715	454.5758	444.7023	584.6183	321.3471	458.6774	515.8767	402.436	428.6927	348.964
CUST_31349_PI429010886	M1320	0.000867138	24	15	390350564	PREDICTED: ribosome-binding p			7.88E-40	3475.106	6826.356	2631.802	2663.717	2216.187	2622.032	6165.981	5777.198	4284.075	4819.372	2715.678	2727.371	3085.208	2924.097	2676.834	8269.17	7138.174	6945.783	5380.838	4616.026	5496.275	2736.432	3699.413	2871.837	5292.711	3952.736	3449.27
CUST_32352_PI429010886	M3906	0.000867138	24	15						219.538	452.0404	289.3393	201.8328	222.9863	211.4988	296.8699	367.6429	306.7699	265.8169	234.6615	238.1099	282.2255	269.9329	247.116	379.4005	503.6798	423.1563	338.993	299.5787	346.8977	219.2811	332.0817	283.8964	290.3829	308.8707	283.9592
CUST_39439_PI429010886	M39522	0.000867138	24	15	196008589	expressed hypothetical protein	Protein metabolism	Proteolysis	5.57E-22	253.6231	154.7361	126.5797	89.26114	16.24433	63.53279	1249.87	344.6427	908.7057	861.2738	507.073	27.58489	168.1851	322.9826	82.77125	2362.508	612.5918	1965.787	492.5086	616.2414	1150.764	509.5667	50.03259	472.8686	362.8242	66.58185	269.8306
CUST_5270_PI429010886	N18474	0.000867138	24	15	345498130	PREDICTED: E3 ubiquitin-protein	Protein metabolism	Cellular protein modification process		637.4326	957.7854	779.344	627.9112	621.285	568.455	951.856	868.6022	965.4976	926.2026	676.3457	789.6051	960.8612	663.1483	748.709	1117.567	926.6453	1145.735	888.236	859.4584	1063.832	666.0922	806.9344	864.5859	772.5597	741.6851	1022.285	
CUST_32647_PI429010886	M8685	0.000871879	21	3						60.30356	50.55672	77.08874	80.21511	82.88351	94.74514	32.29945	55.6648	40.66863	36.41874	46.11508	45.95593	43.49402	62.49633	60.05636	49.9905	61.98	65.65828	58.06567	44.13653	46.91713	59.07967	51.8805	56.45276	60.68646	57.70575	89.26977
CUST_13867_PI429010886	M31911	0.000872059	12	10	155966352	putative cuticle protein [Lepeop			9.86E-23	40.62184	31.07961	6.486846	121.0252	203.8465	193.9616	296.8179	422.2995	230.7682	NA	4.433475	NA	NA	NA	148.7876	70.16535	47.33949	178.7734	626.0846	151.0262	NA	29.04471	NA		5.460737	53.60597	NA
CUST_52510_PI429010886	M97908	0.000872766	15	9						548.9123	80.82353	435.509	1029.68	413.2217	501.6566	156.7032	131.6454	202.8062	1439.606	4140.108	1241.315	1710.003	480.4617	806.9344	37.73828	56.11215	56.71352	386.3361	214.1148	314.367	2013.288	2900.703	3303.981	608.2737	1233.587	4602.898
CUST_40917_PI429010886	M56387	0.00087306	12	3						11.19641	25.06692	26.14707	22.5078	41.93463	31.13164	16.89173	16.7995	20.96269	13.24894	19.97632	16.38688	26.86667	20.01045	23.67991	26.48825	31.77537	24.68337	21.78716	11.12989	24.68878	18.9186	21.82795	14.94729	19.08766	21.76828	19.16283
CUST_32861_PI429010886	M5293	0.000876296	21	15						630.5448	2064.359	1247.204	488.8743	190.7291	252.2559	2824.276	1853.898	1925.502	2060.105	642.342	921.4706	1441.224	992.6472	722.7897	1271.688	2755.522	2485.974	1529.136	1453.134	1177.962	979.7526	493.1272	1189.292	886.9505	611.5217	736.0921
CUST_34507_PI429010886	M9874	0.000877713	24	3						129.5648	33.19846	105.1207	170.9936	155.3531	203.0356	23.29768	65.15776	39.321	28.51273	70.43485	79.63863	45.08608	122.6389	128.8131	20.99538	27.07259	24.26356	17.8915	48.54356	33.73205	32.65194	37.75646	46.39504	28.06923	82.91936	49.51848
CUST_16486_PI429010886	N36317	0.000877713	24	3						50.97241	21.43051	55.29402	108.2549	91.38505	128.4222	23.92952	21.7849	29.99869	27.44415	56.23453	56.06577	34.75367	52.90159	74.17237	10.89769	7.373784	10.7714	16.90805	21.52625	13.47047	100.3493	23.19392	69.69671	39.55957	14.99779	41.42853
CUST_22370_PI429010886	N46909	0.000877713	24	3						3532.198	13.90121	3755.671	3921.719	4334.63	5191.892	69.326	68.69203	99.94989	773.6805	3549.354	3509.087	1520.832	4153.924	3253.191	30.80078	9.655344	57.03485	520.8578	394.6878	687.6817	2517.49	984.2262	2010.612	28.89871	3011.975	3899.124
CUST_23555_PI429010886	N49025	0.000877713	24	3						2648.467	117.5411	1916.926	2962.88	2177.847	2793.635	161.0998	207.5504	199.8689	2276.393	2291.48	2442.216	1488.548	1930.481	2228.732	93.61951	78.23111	105.1748	254.9324	376.7778	366.0882	1720.155	1158.095	1504.447	338.1196	686.6456	498.1009
CUST_36777_PI429010886	M16834	0.000878928	21	0						1042.748	1090.482	1152.623	1013.822	800.6803	814.3635	1006.869	814.9423	1002.608	1001.191	898.3377	867.9312	1040.093	818.7919	960.5506	1024.829	1062.332	1061.955	1028.813	961.4773	1109.283	1091.584	1044.09	1350.405	1085.159	916.8554	1420.017
CUST_44419_PI429010886	M65902	0.000881227	18	15						27.86183	30.8222	44.29702	45.93656	28.13497	36.74386	23.78446	31.05581	34.04952	53.33823	20.52618	37.91239	31.32937	27.57162	44.43314	55.09433	54.50978	52.0293	49.66595	37.93177	35.20206	39.09234	31.50316	39.59705	29.30711	18.86307	21.2559
CUST_39531_PI429010886	M40855	0.000882388	24	9						20.04202	21.19056	17.93943	21.36623	66.66302	41.98487	12.02986	25.30919	17.83143	24.39028	61.8234	52.58831	16.99603	60.0855	60.60875	16.98514	38.01559	15.13188	6.079186	15.97824	8.342949	13.76082	17.36739	14.12309	8.992091	14.59784	10.57189
CUST_17924_PI429010886	N38843	0.000884417	15	0						22.93309	22.09313	21.16473	20.47402	39.42252	29.83769	17.35447	14.56346	14.19869	30.25225	17.63804	27.9284	20.15147	12.91333	20.49098	22.77605	50.64865	22.77027	15.64744	20.02764	18.41364	15.74083	13.33769	14.95707	15.12219	16.09247	15.23818
CUST_41453_PI429010886	M57768	0.000888287	24	3						5125.495	127.048	5137.74	8284.715	7794.971	11094.64	95.68309	667.2339	109.5722	487.5393	4945.667	5550.987	315.1053	463.8888	5697.98	10.10725	9.220034	31.52277	35.04281	798.2619	29.12719	1438.372	130.0819	1197.753	16.35396	1570.104	16.93597
CUST_14109_PI429010886	N32341	0.000888287	24	15						563.8477	1707.189	1170.327	618.3282	549.8031	499.3569	1343.626	1002.608	1299.503	1094.513	634.2073	631.0985	991.8349	763.5241	813.0168	1723.472	2063.235	1902.67	1251.245	1212.026	1596.49	759.9978	1163.513	1405.334	1311.742	890.9879	1382.183	
CUST_32656_PI429010886	M4715	0.000889883	12	0						307.6702	250.9574	231.4591	162.4604	250.7612	86.61603	94.41489	179.0245	153.1388	292.95	125.0917	218.1148	231.134	104.9484	189.4468	179.3019	236.7186	184.9648	88.3867	181.8309	21.81393	247.2845	176.0973	87.1331	447.1876	339.3438	361.3178
CUST_38878_PI429010886	M31485	0.000890685	24	12						163.4636	246.7327	75.29284	371.0059	290.9943	344.0704	633.2997	289.9679	905.0625	121.5027	1776.485	89.47762	1209.897	1508.513	350.791	306.6661	1034.581	264.2234	416.4698	205.6562	451.8198	63.88807	608.2737	390.7107	57.26697	66.74201	78.87059	
CUST_31592_PI429010886	M1920	0.000893364	12	9						203.9603	201.5828	220.9078	190.9659	219.9666	169.2749	244.6493	240.0325	270.5842	185.4692	265.6845	273.6644	192.0736	246.7327	166.4846	186.9081	181.1950	250.3291	244.3394	233.6818	259.4124	276.6103	239.7136	229.2847	333.0274		
CUST_30297_PI429010886	N61574	0.000893364	12	9						139.3936	23.72726	34.79855	23.95909	17.60727	15.93445	22.29844	19.80965	22.62698	28.44038	24.17432	24.33371	42.53392	16.52701	30.31787	15.77285	21.09012	37.80445	15.31705	18.73195	31.7057	19.00012	37.8045	35.80909	33.6478	30.46011	17.10849	24.57834	
CUST_47126_PI429010886	M74882	0.000893848	24	18	366984573	putative ribosomal protein S25 [			1.59E-12	60.71091	77.86312	94.45356	70.1867	63.31428	64.36702	74.37918	65.12931	91.63916	50.47976	62.62916	56.32908	69.80795	87.30779	74.83312	99.54889	119.1208	107.6017	128.4802	69.84655	123.1444	106.7719	84.9728	97.244	113.666	74.81691	138.9534	
CUST_21335_PI429010886	N45034	0.00089413	18	12						54.85564	20.84466	50.56209	8.980966	16.35946	11.57897	16.3304	31.70434	40.28089	32.17224	31.76944	19.77435	40.98681	22.62431	27.9576	24.61634	29.64873	23.42954	28.08693	24.20903	18.6455	12.72606	10.83233	19.6201	21.49158	21.09878	15.65279
CUST_22587_PI429010886	N47282	0.000895036	15	9						23.61457	5.177049	19.94017	52.86067	40.12721	26.9108	6.000495	25.19608	11.41917	86.29714	340.9357	57.70575	70.7612	51.79467	32.76978	4.829023	5.443763	4.291282	13.40297	21.00723	8.606721	93.21779	106.0382	52.61041	13.22168	115.7982	47.48815
CUST_39107_PI429010886	M34661	0.000895183	12	0						15.31518	11.25219	16.4194	7.113497	8.799574	NA	6.774081	6.488336	NA	19.48546	10.90094	14.70059	11.988	NA	12.8443	13.13774	11.68791	4.037653	7.888139	5.81402	6.73927	14.71778	13.7333	10.98917	28.49433	13.9779	15.70678
CUST_31552_PI429010886	M1815	0.000898862	24	15	321475814	hypothetical protein DAPPUDRA			5.72E-42	181.6282	337.4051	164.3905	164.794	82.7532	154.4146	346.1837	257.3902	286.2354	348.1933	179.5826	174.3818	281.0852	198.2176	197.1631	492.831	421.0625	446.5017	220.8506	174.5649	295.8069	211.625	190.4954	297.492	280.5224	207.3653	224.3833	
CUST_40635_PI429010886	M55709	0.000898862	24	15						433.4692	599.8602	489.0279	466.0849	312.3683	288.5336	871.592	590.8215	701.8416	812.7394	436.9283	474.7066	782.0893	450.8164	563.1838	944.8425	808.8122	977.5298	773.6805	611.8901	946.5528	670.1687	483.5315	644.5321	905.3835	587.3135	708.1548	
CUST_5404_PI429010886	N18655	0.000898862	24	21			Metabolic process	Oxidation-reduction process		85.6799	782.4302	569.8831	362.6643	168.9237	216.5044	1186.54	447.0887	806.9344	183.3606	700.5788	30.23708	965.1042	745.8583	162.165	1089.998	1106.912	1464.031	552.4266	1622.787	2108.887	2043.437	2528.059	2073.458	1865.951	1629.282	3168.826	
CUST_17972_PI429010886	N38927	0.000902104	24	0						33.66061	42.58958	32.8145	22.21765	23.02305	23.96712	28.81777	23.05329	39.32943	10.73071	33.42941	18.86919	23.8475	17.55561	17.75609	21.03678	21.46595	26.23532	44.70348	30.26124	40.31371	26.22964	31.62493	23.47597	43.35728	40.48373	42.13235	
CUST_34717_PI429010886	M10447	0.000903516	12	3						206.781	370.7223	170.1396	264.176	523.2386	456.7205	328.3409	325.4289	295.4303	215.3674	270.8095	224.3833	244.1329	312.9583	241.8418	417.9126	366.4491	331.1317	369.1521	262.6219	325.3527	180.0167	282.551	204.1061	277.5468	301.2002	207.0521	
CUST_49547_PI429010886	M86062	0.000904809	21	3						33.34498	29.40507	33.65745	45.77544	40.11539	41.3582	36.76462	12.67619	32.69926	41.82506	25.74471	34.36428	22.74435	21.82087	24.95325	24.2121	21.24956	31.57973	51.29815	31.46605	29.94695	66.6173	26.16413	36.53396	34.11363	35.55503	39.94687	
CUST_56458_PI429010886	M113843	0.000906115	12	3						36.11568	50.1974	46.04292	59.00011	87.92365	66.97219	61.1324	61.16253	58.8025	59.11715	46.1196	66.62309	43.34	51.36995	58.94126	66.74201	52.41365	55.03418	58.50483	51.14752	62.44813	54.44704	39.02642	41.98856	40.80027	35.64607	38.07838	
CUST_41772_PI429010886	M58521	0.000906224	15	9						832.328	325.2782	632.6818	1384.734	1130.969	1307.951	373.0445	546.6865	303.7038	1537.641	3667.762	1643.622	1368.116	1304.861	1201.304	321.2836	282.9282	260.798	377.789	547.9685	369.3009	1733.335	1903.836	1573.941	452.4209	1888.631	1734.409	
CUST_45153_PI429010886	M68149	0.000913213	18	0						17.59285	19.02985	20.81138	12.36934	11.57897	6.136811	15.06825	7.123709	10.01645	12.52789	9.165105	7.847769	NA	15.55519	11.1169	NA	15.63953	7.491826	19.17932	19.64434	12.99098	12.04588	11.08814	8.049997	9.203065	7.54952	9.416468	
CUST_36599_PI429010886	M16328	0.000915268	15	6	443682399	hypothetical protein CAPTEDRAF	Metabolic process	Other	5.31E-24	32.73463	35.59076	37.96647	51.92761	70.22094	65.52411	81.40497	83.92194	98.478	70.71767	43.67283	64.77885	70.75071	60.76642	64.47775	65.32192	70.09576	75.49296	68.44391	56.17586	80.1827	88.27501	135.397	155.2845	48.85342	65.54992	103.0843	
CUST_11748_PI429010886	N28341	0.000915268	15	9	374095290	voltage-dependent non-L-type c	Transport	Ion transport	1.74E-76	48.53255	38.5263	39.88527	30.63675	26.10261	30.02336	24.16629	22.58797	30.43559	49.67735	40.19489	44.73509	36.70742	38.70471	45.0895	44.48574	23.62454	47.37325	38.52068	29.26911	27.48203	40.2126	41.80345	42.91273	58.42497	42.36924	65.86088	
CUST_5057_PI429010886	M1092	0.000922333	21	0						21.47745	23.27968	25.7844	24.32627	17.54652	19.26727	17.57797	12.04956	14.20021	19.28668	14.84138	23.07724	15.63819	10.61538	18.86717	14.83913	10.62123	25.62665	23.49667	17.82183	14.6141	28.39338	21.36936	10.08008	26.02497	13.42408	24.54259	
CUST_2429_PI429010886	N12328	0.000922461	18	3						70.36116	29.20882	72.23349	78.46823	49.67735	61.55047	29.76143	36.48523	60.60875	49.19138	67.01094	49.0091	77.5233	27.49298	62.05097	15.81139	30.30695	23.45708	49.62	52.63501	46.57555	98.46402	93.50035	124.3819	66.73428	65.26399	87.33991	
CUST_17161_PI429010886	N37462	0.000928226	24	18						83.08821	86.04303	106.9297	92.36671	72.72426	57.95506	89.13599	105.4679	101.8124	56.64171	71.1558	63.74918	103.8566	93.33147	73.01092	78.36365	92.99115	85.1761	143.0944	151.5144	176.9714	100.1686	114.9651	100.9354	126.2905	66.09647	144.9379	
CUST_20583_PI429010886	N43700	0.00092852	24	15	307187382	Ribonuclease P/MRP protein sub	Nucleic acid metabolism	RNA metabolic process	2.79E-17	16.09247	24.15844	28.81419	10.12825	12.92804	10.4666	16.14215	43.83834	29.87687	19.71754	26.44115	25.51773	18.87393	21.23798	20.49572	31.26771	74.95343	30.905	24.83681	18.34193	28.42265	16.48308	18.9186	23.19651	22.03729	16.77987	24.67313	
CUST_43766_PI429010886	M63916	0.000931273	12	0	291241819	PREDICTED: p90 ribosomal S6 kin	Protein metabolism	Cellular protein modification process	7.84E-10	76.58195	61.82712	66.02974	65.03673	57.34418	81.5061	29.08789	53.49503	49.10462	60.81905	60.96816	63.2086	63.2086	101.3475	135.7682	61.94047	46.26381	43.94355	60.66586	47.47767	43.85961	77.67075	48.19092	77.60656	62.01214	61.06467	81.04337	
CUST_5770_PI429010886	N19172	0.000931273	12	0						126.2182	73.68465	113.1524	139.866	63.59136	61.02485	75.9364	39.86943	50.51811	112.6234	73.37425	74.97441	123.9728	74.82596	94.86558	90.57569	54.11854	61.05496	50.31996	55.93014	53.98068	113.2744	54.08431	69.53147	92.20119	70.35289	112.7612	
CUST_43984_PI429010886	M64555	0.000933845	21	15						11.59928	27.06704	19.87479	16.80772	19.22794	21.48468	19.95043	22.20069	13.64348	27.5259	25.46688	33.49057	30.58701	23.73807	26.41027	30.37998	30.96219	26.0084	39.60134	21.20837	21.64409	24.16626	19.7933	31.11334	20.13887	17.47317	16.7995	
CUST_18343_PI429010886	N39619	0.000938977	18	0	390352602	PREDICTED: zinc finger protein 8			7.47E-15	31.99537	33.92477	45.68766	35.79767	33.39499	17.13499	27.41576	21.48216	31.07275	25.66233	19.59742	17.311	19.99709	24.13994	23.45708	24.82555	41.93907	32.8731	39.63818	31.12893	31.73936	34.26345	43.26708	30.04497	31.48667	18.61955	15.66009	
CUST_4016_PI429010886	N15791	0.000939763	24	12						8.203427	6.882653	3.016986	7.444772	NA	NA	8.416104	25.79299	13.07493	9.94845	7.971271	5.829325	23.43945	16.58967	14.25928	13.82262	NA	7.404706	18.43607	19.44615	22.97146	10.04386	9.471206	12.34559	3.432355	5.272947	7.694205	
CUST_50864_PI429010886	M91274	0.000941271	24	0						38.29909	52.47367	41.36333	NA	21.07756	5.049709	25.23036	37.40246	20.93117	12.89468	21.84605	10.98475	18.11998	17.19316	23.15112	29.55174	24.5682	35.66159	35.28538	43.58292	25.30132	19.96659	36.41114	16.50625	53.36513	23.2872	43.92043	
CUST_2801_PI429010886	N13137	0.000942668	24	15	260836807	hypothetical protein BRAFLDRAFT	Metabolic process	Other	5.74E-70	41.93463	88.14296	57.51072	35.00954	55.41495	33.84921	48.53921	80.97133	64.11411	25.48421	49.22048	24.73755	66.97219	55.01648	69.2197	87.43473	125.8771	80.19562	57.48416	78.48989	99.52529	72.42124	67.16357	64.85257	54.49956	46.49241	71.77497	
CUST_33183_PI429010886	M6211	0.000944924	24	18	506969159	DNA-directed RNA polymerase [	Metabolic process	Nucleobase-containing compound meta	2.36E-24	14.2026	17.98498	16.42417	13.75076	13.52973	4.78806	10.55727	11.80584	9.708019	10.78499	10.99842	11.14467	22.49107	18.84709	10.06366	19.9833	22.42596	17.37448	28.03915	21.66483	29.93334	11.81288	13.56135	43.8251	32.85244	8.105145	18.7439	
CUST_43942_PI429010886	M64411	0.000947915	18	12	308220078	LIM class homeobox transcriptic			1.63E-19	18.69191	6.46829	13.65748	18.2488	3.489258	13.10704	19.70046	17.30627	18.23431	28.25136	13.74572	21.90402	36.00369	38.98881	46.48232	21.1933	18.61345	16.03181	21.06899	8.447449	17.93558	21.84014	5.256252	13.36606	16.90111	18.33955	16.33991	
CUST_12407_PI429010886	N29413	0.000947953	24	21						46.39912	55.65477	47.87148	39.26035	50.07055	48.0027	45.91877	44.82733	42.80558	51.8805	40.13911	12.6262	44.7597	39.95086	46.64063	61.81635	71.89101	51.74535	60.65305	46.983	55.59367	80.24156	50.97241	79.15396	86.92889	56.87317	71.33856	
CUST_42778_PI429010886	M61230	0.000950976	15	9						17.47661	14.12309	22.78318	18.3768	20.7112	11.68791	28.72062	19.42744	28.71068	39.34641	64.80138	19.2221	34.88249	18.00685	23.36828	16.63618	12.08782	20.68602	22.41168	19.95277	25.8625	34.2712	29.85271	29.42662	35.80613	18.34559	49.65203	
CUST_27239_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_26392_PI429010886	N54165	0.00103128	24	21						39.28587	31.83324	45.0895	42.97957	34.72664	43.74801	31.04302	34.13318	52.49766	39.56268	40.63005	41.47035	45.83287	47.85099	30.21215	49.4765	54.94337	40.50707	52.66618	48.33387	50.82457	58.15501	57.06084	54.93619	40.48248	47.14137	46.6272
CUST_6720_PI429010886	N20510	0.001032968	21	3						651.0737	593.5138	NA	20.90369	1216.51	1158.756	523.8156	1787.383	490.8866	NA	223.2399	277.8871	NA	211.3027	20.38177	30.76277	8.540806	10.99089	16.18229	2406.654	20.60087	NA	919.0444	NA	NA	3568.199	NA
CUST_5552_PI429010886	N18853	0.001034729	24	15	321460932	hypothetical protein DAPPUDRA			2.5E-99	23.86386	23.01193	23.58164	29.04471	10.75635	31.48821	25.65567	22.5078	30.92492	34.80726	33.94092	30.43314	34.47718	30.44744	24.40118	53.85895	34.13078	46.47735	27.43264	13.43051	31.15433	20.78179	20.56563	35.85354	22.142	14.31582	24.40118
CUST_11141_PI429010886	N27332	0.00037452	24	15						NA	11.9832	9.304777	7.517792	3.566301	4.901556	15.58836	20.78429	11.4247	13.91913	NA	7.31445	10.35412	8.409122	14.04735	NA	4.12932	10.96531	7.61802	22.25011	22.23151	12.93095	NA	11.63109	11.45478	NA	3.860932	
CUST_46258_PI429010886	M71970	0.001038886	18	0	298204347	endonuclease-reverse transcript			3.69E-09	86.30982	66.51767	77.74804	79.99233	60.4258	71.33856	60.65305	51.64343	57.52657	65.96155	49.97848	63.22855	75.58044	49.71921	52.14659	76.71191	50.00771	72.24298	87.74995	76.42243	78.50931	62.84262	61.80424	62.93557	57.03545	57.48416	71.60883
CUST_53377_PI429010886	M101458	0.00014452	24	18						21.80093	16.22893	10.73543	19.77825	13.76817	15.99154	27.37201	10.21986	18.41787	23.69946	13.94885	23.36033	20.08349	11.3139	29.15439	27.50901	52.53094	25.61401	39.1588	25.59575	29.00837	31.33292	26.30097	36.54404	24.24527	18.66636	24.91804
CUST_9133_PI429010886	N24117	0.00014452	24	3	332017603	PTB domain-containing adapter			2.16E-29	27.14205	21.15973	25.9824	29.25153	35.63404	26.6468	15.35298	26.78263	15.40011	25.84968	17.68714	34.42594	25.14815	21.7119	35.30558	21.08201	20.27243	16.92486	9.657459	17.13499	15.63819	21.18377	15.78726	18.28904	23.81554	23.38956	19.30372	
CUST_13293_PI429010886	N30923	0.00014452	24	21						94.30839	88.8899	117.3396	82.95322	87.96067	86.84479	56.65739	77.14782	78.56039	78.81049	59.3284	95.08224	58.12065	90.88256	72.02191	128.9772	83.69522	96.5246	120.5967	71.79771	93.35268	126.327	91.47922	121.6645	128.5506	98.04747	117.2793	
CUST_53351_PI429010886	M101378	0.00014483	18	3	121484195	cuticle protein CUT5 [Portunus p			6.31E-14	4809.493	164.8407	6060.248	8146.369	10815.88	8723.793	250.3956	853.7719	773.3668	3658.191	12939.25	5462.129	3827.862	5578.907	6255.734	81.17631	143.938	77.36861	1226.655	1178.539	1202.203	6818.249	7558.705	7348.003	1455.41	4266.005	4101.099	
CUST_36837_PI429010886	M16994	0.00014483	18	3						242.9432	58.52453	193.2061	571.8635	273.8856	382.8713	107.3799	197.0569	140.549	421.3837	960.1156	389.1575	580.4723	196.9337	221.9252	3.22748	3.98717	4.304099	122.201	347.7046	99.44651	746.1539	1296.153	1039.149	223.4669	644.9039	506.3774	
CUST_39630_PI429010886	M42011	0.00014483	18	3	121484199	cuticle protein CUT8 [Portunus p			1.92E-34	11413.74	446.7799	14256.4	19341.82	24426.06	21881.51	718.7132	2422.76	2463.526	9313.798	33076.81	12765.38	9613.776	15071.82	13098.74	220.4736	309.4924	191.823	3247.587	3428.918	4000.901	16372.71	18365.76	18476.28	3712.526	12725.99	10764.25	
CUST_44110_PI429010886	M64974	0.00014483	18	15						60.15379	72.02191	72.83024	54.80156	42.28696	45.91877	46.93369	62.73163	63.03855	47.01945	45.52154	62.3082	64.24425	54.591	49.57699	77.32899	72.99439	72.30895	49.014	45.45322	60.78187	41.02313	42.32017	53.21446	59.50711	64.74689	60.95576	
CUST_33747_PI429010886	M7781	0.00014718	24	21						6.004064	NA	10.73905	4.267308	NA	11.35653	7.780482	5.665078	NA	5.680908	7.99563	NA	NA	NA	13.78137	9.949274	19.99783	11.09687	12.42147	9.137298	24.71432	31.673	29.9255	8.558176	11.76598	7.515502	
CUST_38924_PI429010886	M32005	0.00105283	24	9						38.21258	46.21146	47.25275	197.7606	48.72562	140.038	120.4647	97.39106	177.9352	87.38427	215.0811	64.82247	230.2055	150.8908	65.40116	82.9019	46.24985	62.96898	75.02912	51.84236	76.45795	82.03251	39.8332	67.01094	28.66457	44.09481	52.26773	
CUST_16218_PI429010886	N35866	0.00105472	18	3						27.58739	38.86739	30.88085	36.07006	51.32543	62.80714	36.66952	53.20844	32.29945	31.31216	26.85225	46.21146	27.79642	26.21426	28.04788	32.32834	42.1572	29.4638	28.12044	36.32916	31.90974	40.80443	43.31181	50.98858	26.61853	50.21608	30.98378	
CUST_39355_PI429010886	M38223	0.00105472	12	9						6226.747	919.6173	6559.55	9980.233	2844.645	3190.966	2294.993	2244.174	4266.005	12317.37	15170.38	7122.178	15394.16	3882.503	6854.464	197.2216	127.8764	285.0355	7459.987	4655.696	7653.847	12725.99	15258.82	15394.16	9129.704	12807.83	18146.2	
CUST_56325_PI429010886	M113499	0.00105773	24	21						250.35	251.2413	271.0733	235.6895	210.5427	215.2938	183.2355	234.0079	249.5605	284.5651	209.1753	245.3228	315.4118	202.3368	249.6908	226.6524	265.4961	220.1875	251.7468	263.7057	323.2204	329.7868	300.9971	374.6189	264.5418	222.4375	339.1735	
CUST_6619_PI429010886	N20359	0.00105773	24	18						121.4525	191.4096	188.4673	149.6649	147.7951	119.3462	141.6695	169.4561	203.5459	175.317	165.1857	174.7665	211.4099	147.2411	172.0851	201.0168	254.1458	239.9273	211.1582	198.4091	260.0953	202.4277	183.9085	244.3561	214.6479	190.3204	299.1753	
CUST_9156_PI429010886	N24150	0.00105773	24	18						49.85973	58.62146	61.75273	37.57549	44.82232	40.57567	50.97745	50.89474	62.41935	47.6343	61.145	57.88315	49.71376	47.95196	65.2491	51.24138	87.24349	63.72422	76.42243	62.76751	80.68221	76.24747	81.60481	104.9484	77.3983	63.07768	93.60566	
CUST_3115_PI429010886	N30598	0.00105079	24	3	545193871	PREDICTED: heterogeneous nucl			3.76E-18	116.7899	89.19083	142.9612	111.1784	179.2149	140.8575	153.9744	102.5315	112.2837	146.8442	88.4931	110.2867	107.8221	178.033	114.3854	64.85228	89.64766	60.94356	78.01174	90.18372	46.78844	91.53673	90.32894	51.5089	95.01092	107.1012	77.1435	
CUST_12265_PI429010886	N29190	0.00106783	24	21						12.3024	41.42487	38.70891	21.75638	10.46073	16.58967	30.52273	20.28589	44.17172	32.20511	18.2969	14.95849	8.551917	7.469059	9.132496	20.15147	19.96229	25.31848	66.05158	24.65812	47.08587	45.82718	28.2373	48.71388	33.63302	24.50769	37.25639	
CUST_8946_PI429010886	N23835	0.00106993	21	18	321479379	hypothetical protein DAPPUDRA			2.8E-17	13.44969	10.02353	NA	NA	3.501373	8.724815	NA	6.940213	8.158467	5.286558	9.676757	8.525673	7.402375	NA	4.031451	15.65279	8.724815	24.71116	15.11126	25.17932	16.45591	9.133693	9.801925	14.86509	14.0591	3.21043	9.824108	
CUST_1558_PI429010886	N10064	0.00107094	24	21						49.39254	58.77493	66.76294	51.0346	60.5484	48.82419	41.87629	55.97133	55.05576	49.82997	67.11217	59.9023	50.1877	57.01067	58.07534	53.98617	61.57198	67.66335	65.67573	56.99251	63.69892	73.60215	68.80951	90.44348	51.53362	60.19335	70.3428	
CUST_24512_PI429010886	N50750	0.00107078	12	3						NA	12.50022	17.88097	8.782333	13.95493	15.65279	NA	10.28394	12.6121	9.798222	4.808312	8.1002	11.16576	19.7864	10.14305	29.2298	20.78429	25.21391	41.45022	16.43359	12.53384	8.233633	9.695023	9.563744	9.607864	20.04802	12.86584	
CUST_42852_PI429010886	M61426	0.00107534	24	15						13.06086	32.39325	NA	49.5489	26.0166	48.36443	129.7163	41.13217	90.09793	66.00136	18.68614	33.45999	73.56286	47.19052	46.09063	96.1714	154.9514	157.3889	68.72832	27.46378	51.25301	54.40508	35.34705	58.78081	40.18962	31.28202	8.120127	
CUST_47262_PI429010886	M75374	0.00107561	12	0						29.42662	24.43918	29.24902	15.32656	31.96971	23.11733	6.040983	24.34505	18.76293	23.86079	30.4229	42.0865	19.41864	36.55366	47.22395	33.33002	28.15447	28.34861	16.71688	13.67002	17.08471	35.69023	26.57189	32.86579	38.08917	40.59088	43.13077	
CUST_30128_PI429010886	N61220	0.00107615	24	12						88.36719	74.23643	99.83532	79.97607	53.43212	67.01094	76.84692	80.63831	96.99292	133.4611	45.31246	108.0539	141.1475	102.1812	108.3596	104.173	134.2942	95.71962	115.5552	108.583	88.8899	116.2009	110.2733	85.45508	103.616	81.72083	87.28041	
CUST_36739_PI429010886	M16712	0.00108467	24	21						29.90874	27.99655	35.02468	27.21619	31.51924	25.45483	14.78891	16.69734	19.25825	28.1014	38.27077	32.37762	22.34874	20.41652	39.08397	26.22964	30.84927	24.94781	28.73586	27.36342	27.04259	39.80982	41.36333	34.9059	27.50901	36.48955	47.58659	
CUST_14821_PI429010886	N33528	0.00108467	24	21						306.3603	391.4124	421.8557	415.0852	340.6386	370.6325	355.0829	370.0497	405.1127	377.4146	383.8668	338.507	441.3596	380.5457	444.1379	392.253	463.096	445.6007	391.1906	406.8432	432.4641	504.3232	458.2399	559.5956	452.8102	376.0142	525.6391	
CUST_42599_PI429010886	M60683	0.00108532	12	3	321459460	hypothetical protein DAPPUDRA			1.74E-19	NA	16.61149	10.87896	NA	31.31216	18.83308	15.76131	20.57512	16.93224	15.26493	16.91699	14.74345	6.413865	17.19904	9.228702	23.01448	42.05307	24.13994	19.05161	15.87551	15.56681	6.824523	10.41882	9.678103	16.2921	8.440387	11.32723	
CUST_616_PI429010886	N6335	0.00108542	24	21	321455420	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	5.01E-93	2676.834	2719.085	2719.085	2867.707	1707.189	1863.699	1412.941	1797.322	1702.984	2188.815	1458.832	859.4584	2945.018	621.1319	1969.061	1991.351	2646.596	493.0213	5125.495	1931.709	4109.069	3783.527	5002.917	3390.028	6032.614	3899.124	5215.78	
CUST_5622_PI429010886	N18959	0.00108783	21	18	351542215	exonuclease 3'-5' domain contai	Metabolic process	Nucleobase-containing compound meta	7.41E-77	6.010955	17.67253	12.67284	7.941808	10.45586	7.869127	5.698034	9.095729	7.509062	9.279573	7.562913	4.479614	6.550174	NA	10.01073	9.989717	13.77957	9.551996	NA	17.08055	13.99873	13.82584	16.06582	9.781107	10.32743	5.415947	12.17199	
CUST_1733_PI429010886	N10564	0.00108628	21	15	15425681	I-connectin [Procambarus clarkii			5.61E-27	91.58124	78.74455	74.26533	87.06038	80.87979	93.50035	82.66079	68.44391	71.74885	80.43757	61.76701	30.93515	66.02134	81.28557	71.24846	120.0673	108.4697	119.2442	89.99586	73.39823	102.3977	76.80903	95.29319	98.40391	81.11075	72.30895	89.92114	
CUST_32198_PI429010886	M3501	0.00109083	24	9		Signal transduction	Cell-cell signaling			137.5078	124.2158	85.69239	106.8499	163.338	156.7242	228.9535	158.0057	137.0969	149.8334	168.9955	173.5314	137.6616	151.922	146.2607	236.5379	128.8295	170.0181	190.9332	124.0673	154.4454	77.91051	118.1166	93.38599	101.8893	105.6512	106.7994	
CUST_15428_PI429010886	M34567	0.00109773	21	3						14.03403	14.05324	9.485255	16.20857	14.9705	18.51168	NA	14.28509	13.08598	8.109042	16.44507	14.22003	7.10526	17.24304	8.634832	NA	9.619009	14.01651	10.89953	12.98896	11.5429	13.16859	NA	15.80798	17.52474	19.74495	15.48837	
CUST_26016_PI429010886	N53497	0.00109654	24	12						13.68542	11.14748	13.59757	20.11147	32.04577	19.58744	38.06969	6.238498	16.12259	NA	14.26068	15.21701	159.7501	23.18254	21.45343	15.51385	13.82436	12.24304	5.343401	6.994855	41.77121	3.989872	7.931706	13.22007	11.43195	10.63475	13.09363	
CUST_29259_PI429010886	N59499	0.00109725	21	3						37.47176	27.70466	35.97078	45.00629	42.71727	43.39176	32.77297	33.98225	31.57973	39.89679	32.42666	34.12419	47.53117	37.34538	41.25004	33.14322	25.09267	28.75373	30.98678	30.89131	29.63864	49.41341	36.40347	36.5095	50.87138	40.89712	40.04223	
CUST_55538_PI429010886	N110577	0.00107388	24	18						32.91719	25.86911	56.05212	24.46439	10.55248	24.80109	134.5389	135.4737	103.0566	42.88959	17.44773	16.39186	83.1934	39.25338	32.53452	141.352	232.2336	374.5443	153.318	640.002	640.7195	120.7183	16.74062	72.52843	447.0887	110.6819	227.3167	
CUST_34986_PI429010886	M11248	0.00107388	24	18						195.511	239.9783	296.2664	203.1024	198.7466	154.5211	249.888	251.9547	305.3804	252.7366	219.187	229.8267	262.3549	222.8685	241.9944	303.5583	303.3581	243.4049	264.2762	310.6389	324.1912	265.2779	257.7274	323.2204	242.2901	251.4577	328.4824	
CUST_5210_PI429010886	N18403	0.00107388	24	3	332023022	Ornithine aminotransferase, mit			4.84E-176	165.9265	115.9507	115.1679	150.6494	203.6782	191.5119	112.6387	80.41026	80.65861	89.7803	157.6143	236.2759	72.88356	128.0075	142.2741	94.04538	85.91672	76.05422	77.38763	86.43772	68.2334	82.70695	80.50976	75.23071	83.74447	100.7337	98.52549	
CUST_6540_PI429010886	N20237	0.00107388	24	18	506968263	p23-like protein [Coptotermes fo			1.07E-27	21.52069	28.7956	30.96768	20.94297	17.22127	10.73905	25.01036	32.64901	25.04161	32.33684	25.44757	12.70744	34.09591	22.45228	22.21134	22.35516	25.47879	25.65359	30.81577	34.60522	40.4281	31.80176	40.86304	33.84162	24.92085	27.63333	32.32834	
CUST_57314_PI429010886	E5221	0.00110029	24	15	151579928	40S ribosomal protein S2 [Arterr	Protein metabolism	Ribosome biogenesis	7.05E-29	16580.62	20271.85	15967.93	13935.1	12021.42	14015.31	19387.17	20871.55	22526.09	19052.86	12084.47	15367.74	16760.98	15871.24	13616.29	23739.57	23961.37	23961.37	21710.8	21645.19	22777.74	15045.33	15630.09	15435.13	17658.04	14743.32	16913.15	
CUST_32768_PI429010886	M5066	0.00110029	24	15	321468780	hypothetical protein DAPPUDRA	Metabolic process	Oxidation-reduction process	1.72E-41	13.63522	7.669956	7.821834	5.486086	4.421238	6.228711	15.99964	13.38306	9.709038	19.79478	12.2785	24.86359	14.81416	15.04296	18.7867	37.15316	12.21743	26.79339	22.326	13.11926	16.09566	12.40482	11.97624	30.37143	18.73595	13.80235	12.15684	
CUST_9018_PI429010886	N23940	0.00110029	24	3						185.0283	114.4851	112.7999	120.5852	270.4208	213.4873	164.4172	177.2128	132.0703	101.2279	149.7452	210.4014	113.6801	128.9165	149.2223	59.36408	77.61728	50.72554	94.51495	183.8806	93.8595	132.4149	158.8243	127.6164	80.81117	209.6968	133.196	
CUST_19564_PI429010886	N41785	0.00110686	21	3						45.3971	36.72861	43.07453	54.07225	33.42535	44.52658	57.69269	31.90974	53.56063	30.18887	29.34349	30.89721	32.35917	31.47936	31.23137	53.01138	28.20584	32.85935	33.01818	27.29712	31.07888	61.28823	52.98897	55.63811	63.00637	34.5207	78.72715	
CUST_7580_PI429010886	N21757	0.00110058	15	9						18.51954	24.63328	16.07832	11.7024	23.76684	12.08928	NA	6.372855	5.397248	29.00837	23.99912	22.80532	18.69191	19.21337	28.46788	21.7713	15.73759	23.16492	9.07989	15.4541	14.15899	25.24448	19.15475	26.12151	24.45965	32.57078	49.79667	
CUST_39228_PI429010886	M36410	0.00110483	21	15						6744.57	6592.219	4633.616	4945.667	1658.691	2900.703	14100.35	9837.56	11246.8	15630.09	6799.146	1936.909	9392.481	6018.305	4847.527	27665.22	10464.54	19791.01	14189.5	11822.99	21113.92	13281.09	2374.203	10394.61	8818.425	1358.461	5564.697	
CUST_36896_PI429010886	M17174	0.00110685	24	9						301.2626	424.2083	274.8753	305.0003	720.7726	467.5708	372.9744	377.2326	383.2384	400.7915	545.361	597.9185	341.965	418.2862	538.4885	394.1154	410.9137	412.7396	322.1133	405.1127	366.7915	319.7298	348.6137	353.1568	335.6252	343.406	340.5595	
CUST_5397_PI429010886	N18645	0.00110685	24	0	301607176	PREDICTED: threonine synthase-Metabolic process	Cellular amino acid metabolic process		2.38E-180	100.5778	116.2357	153.0619	115.5828	47.35759	79.43494	84.11819	91.16754	112.9762	50.84163	79.58331	36.00369	90.19219	41.11802	50.28629	81.70379	55.89295	70.23956	91.36194	88.25185	113.3845	82.67536	76.29019	86.02033	57.7126	117.0413	185.6848	
CUST_52542_PI429010886	M97868	0.00110878	24	18						344.8862	89.16759	379.6086	415.6373	494.8296	423.6	124.0485	143.6223	119.0449	263.3579	253.3528	291.4248	470.1035	240.9716	399.0134	101.852	90.91573	64.83629	148.4438	164.8407	147.2139	112.3561	482.0377	419.8124	118.0753	331.5173	218.2926	
CUST_142_PI429010886	N1521	0.00110878	18	15	460838092	strongly chitin-binding protein-1			4.83E-14	2939.86	3630.66	2020.97	1777.79	9211.498	1235.97	2150.74	1985.57	2002.97	2337.75	1690.76	1762.06	1783.79	1676.98	1634.66	3727.64	3044.23	2304.67	2301.65	1275.38	1594.89	1198.69	1296.13	2734.79	1665.53	1859.76	
CUST_20240_PI429010886	N43918	0.00110828	18	3						548.5685	269.3496	737.8151	1284.327	1265.639	1387.245	369.9026	516.6055	565.6114	266.255	1143.279	858.51	840.0505	623.7953	697.0808	146.6342	108.9714	142.6923	303.7619	72.6388	635.9248	708.1548	887.5005	1509.732	259.0732	530.1492	521.6397	
CUST_46608_PI429010886	M73149	0.00111061	24	21	321458613	hypothetical protein DAPPUDRA			2.09E-12	42.28326	48.17616	53.1876	44.05427	39.47125	40.78067	27.60747	27.38152	31.55061	70.28922	42.04861	48.43013	42.86161	41.23754	50.46073	54.98542	47.90004	56.59797	50.78807	37.88233	49.25099	79.83656	45.35771	84.11819	61.32398	50.26083	65.43257	
CUST_14054_PI429010886	N32259	0.00111061	24	21						50.28036	43.23211	58.9258	62.367	60.12159	46.17368	45.40562	45.28285	51.14197	67.06332	50.24652	57.66836	64.02245	49.70798	63.38213	67.83335	58.19234	55.09974	69.13756	64.52421	95.86932	93.42816	74.95343	78.43006	52.83788	42.10224	84.78861	
CUST_36022_PI429010886	M14313	0.00111455	21	9						42.14237	44.95996	40.3323	56.68053	325.1877	239.7853	63.77213	76.51051	68.55444	66.93928	350.2239	252.6661	49.50343	303.7619	221.7509	92.69475	60.29296	61.30321	53.02213	98.2265	69.42506	68.8017	39.76763	51.44117	64.80829	150.4308	66.49647	
CUST_24774_PI429010886	N51232	0.00111452	15	12						36.03288	45.27328	27.79096	39.58266	26.61351	37.90056	33.3478	49.73252	40.23235	62.1238	45.80812	45.49065	45.96012	53.31643	58.3384	46.97174	43.90368	59.12156	30.20183	43.74801	32.83861	47.57381	36.55366	49.82997	41.21274	53.05853	41.25004	
CUST_56306_PI429010886	M113460	0.00111496	24	12						214.3618	273.802	179.2719	456.5305	100.2539	340.9357	746.7514	224.7721	730.3491	263.2054	2049.491	386.1445	1074.917	1218.815	447.0887	61.17453	1121.501	523.3495	67.71277	159.1592	112.669	44.0823	187.0121	164.5342	42.80111	60.95576	63.61175	
CUST_41876_PI429010886	M58765	0.00111496	24	12						121.4398	114.2058	91.6852	160.9576	199.4568	113.0037	127.2375	107.424	85.1761	147.2139	119.4647	237.6854	132.6086	162.8755	189.9429	106.9179	174.3818	136.8929	99.32904	103.8983	63.21401	90.7511	90.28649	83.7199	128.2695	104.3593	92.64515	
CUST_29684_PI429010886	N60343	0.00111496	24	21						44.58927	68.21622	65.28031	68.73418	67.3285	60.64152	59.04856	67.25975	65.80074	57.57578	63.21401	64.06114	41.59303	54.26863	49.67735	78.7116	58.14687	53.21446	71.24846	62.20434	65.12931	87.34939	72.36965	68.64219	93.8595	56.31897	81.68207	
CUST_6784_PI429010886	N20595	0.00111519	24	21						1857.76	2167.915	2116.149	1848.594	1683.28	1457.953	1367.344	2002.791	1943.332	1584.461	1666.041	1423.667	2167.915	1440.472	1674.551	2108.887	2494.519	1998.783	2201.915	1960.346	2023.772	2228.732	2333.596	2048.35	3017.306	1916.926	2954.482	
CUST_25271_PI429010886	N52096	0.00111681	24	3	543335593	innexin 2 [Penaeus monodon]			2.82E-09	6.36732	7.195349	9.603299	12.13203	14.63983	12.91646	13.74025	9.970616	8.851485	6.607812	9.865694	10.5335	7.611325	6.685275	11.88037	4.238252	17.55763	4.328821	7.436551	4.474535	3.862761	9.904747	5.476566	5.362967	NA	10.80654	5.967574	
CUST_4712_PI429010886	N17321	0.00111865	15	9						106.5773	99.18844	130.7209	97.50175	103.5272	92.30682	65.9928	97.47634	96.36643	113.0557	125.9134	132.7723	105.0092	76.59026	130.6615	95.18929	98.2265	86.60823	90.93696	61.07006	88.36719	120.2238	121.9756	123.8539	131.5859	119.4286	150.0295	
CUST_45515_PI429010886	M69346	0.00111918	21	15						804.9022	676.1529	581.8311	598.5974	229.4919	339.5673	1398.823	941.3897	1397.328	2133.67	1114.745	234.7388	1188.024	819.3739	537.7378	3048.498	1260.081	2447.506	1444.129	1104.345	2075.256	1945.845	227.3921	1365.984	914.5652	186.3924	644.0162	
CUST_49001_PI429010886	M83522	0.00112128	24	9						31.61388	27.92534	23.10726	32.75387	53.33823	49.08263	33.3824	39.26427	32.15717	61.70924	50.15161	35.57898	45.69147	37.95648	31.56676	24.68095	37.88972	40.23682	47.46968	45.04591	29.84906	28.16113	19.95709	22.65356	29.666	43.74346	21.0408	
CUST_23341_PI429010886	N48667	0.00112476	15	9						15.29086	7.079941	NA	12.67619	6.211681	11.55732	9.683226	9.734639	NA	23.3113	31.91889	20.945	17.69677	NA	20.47128	6.662217	7.830046	NA	5.597349	5.329949	4.083237	23.16703	16.03888	29.82341	11.21915	11.87453	23.37894	
CUST_49615_PI429010886	M86406	0.00112915	18	0						146.658	1340.842	1329.124	31.50642	NA	17.88097	12.51777	65.25923	65.15059	78.97649	98.84501	67.4639	175.0487	10.57446	121.1272	5.585409	165.9615	213.2675	274.8211	39.8332	285.1454	46.42563	32.04295	17.65126	4.325219	4.465464	NA	
CUST_31824_PI429010886	M37996	0.00113027	24	15					

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	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_2227_PI429010886	N11915	0.00118125 3	18	15	321455574	hypothetical protein DAPPUDRA	Metabolic process	Other	1.06E-148	216.4424	316.2435	177.0792	198.4987	216.7269	201.86	319.1468	314.8641	242.4377	254.5783	259.5151	199.3242	285.3818	263.3579	260.798	459.5171	467.3293	422.1689	266.255	234.6515	352.3291	165.5194	280.7417	204.1402	268.869	256.1905	183.9971
CUST_2465_PI429010886	N12435	0.00118362 7	21	15	506968903	eukaryotic initiation factor 1 (Co	Protein metabolism	Regulation of translational initiation	1.57E-37	1041.894	1166.709	969.4842	859.0835	695.1268	593.5138	1088.703	975.2848	817.1951	991.1291	772.5597	957.7854	910.719	668.1223	837.9532	1157.507	1259.516	1203.381	934.3693	1036.158	1098.155	806.5559	988.0134	1082.092	882.5044	631.8697	829.1725	
CUST_5016_PI429010886	M88685	0.00118773	24	15						23.93863	24.06897	20.84466	16.32195	17.18571	17.49943	25.79479	23.53743	15.17119	27.19044	29.61117	23.91323	25.53977	17.88814	15.72841	16.65336	21.34152	12.36934	27.28807	20.64644	32.28853	33.01146	38.49334	21.16633	28.65875	37.69822	
CUST_3852_PI429010886	M27681	0.00118950 2	24	3	149675211	cuticle proprotein proCP5.2 [Cal			2.13E-40	5884.771	93.37419	4207.659	7785.133	6864.217	6317.157	1618.8917	364.9578	251.4577	6132.817	8296.544	5374.176	4508.46	1379.907	4852.406	51.34712	69.73149	39.37754	937.1039	476.1651	543.3224	6837.265	4622.321	5525.521	1260.62	1269.337	2068.831	
CUST_3652_PI429010886	N14966	0.00118950 2	24	15	321478257	hypothetical protein DAPPUDRA			1.24E-59	54.344	98.81307	70.28135	53.04169	62.88268	60.63273	73.22433	86.36335	92.43032	104.4062	79.43494	60.86142	109.7513	61.19974	57.12065	110.7898	104.3181	104.9484	96.57151	80.26815	96.09055	84.10925	59.84299	92.13598	85.2914	74.25833	77.27754	
CUST_90_PI429010886	N718	0.00118950 2	24	3						11164.38	148.956	9313.798	14470.28	12631.63	16035.79	2573.1848	353.0555	284.3354	8227.781	9013.443	15102.78	3135.16	12921.27	15871.24	54.09509	89.83016	126.7723	166.6574	628.6837	254.1863	4453.231	1366.714	410.2513	699.7985	1813.66	1836.765	
CUST_42176_PI429010886	M59607	0.00118993 9	24	18						21.0554	31.50944	31.9639	30.64789	25.36192	19.69014	34.41229	32.80252	35.60799	33.86491	42.61451	33.40515	39.86153	32.20247	34.74862	42.73341	45.89596	43.96941	50.53965	36.50276	41.95985	59.41357	31.65179	41.04183	49.50343	40.37732	59.80532	
CUST_33723_PI429010886	M7708	0.00119351 7	24	15						92.71133	100.7337	66.87814	87.57759	73.66383	69.79983	53.6019	59.62083	73.76756	108.8896	65.309	80.77747	79.1181	99.31589	83.05204	110.7268	117.7735	102.1346	100.4907	74.67002	103.9282	59.58718	116.6401	81.62587	84.31911	96.13685	93.67836	
CUST_40928_PI429010886	M56407	0.00119394 8	15	6						73.9144	100.6934	54.23896	92.31393	63.80586	91.72224	93.27554	104.7861	102.9594	92.03434	67.56678	71.9236	70.99538	64.60254	81.36078	77.09727	105.0177	55.14025	98.55805	112.5544	111.6045	193.5997	129.1955	122.771	76.14902	105.5941	96.81529	
CUST_6611_PI429010886	N20349	0.00119518	15	6	260819927	hypothetical protein BRAFLDRAF			1.36E-09	8.000536	43.52816	46.68118	NA		55.51071	42.43675	105.1338	120.4106	98.70542	25.8029	20.41652	11.1169	18.07496	11.95545	24.17927	33.16894	23.09778	30.49064	53.20844	24.62171	84.80932	31.55061	34.17027	38.89189	29.99869	31.45923	36.31158	
CUST_1896_PI429010886	N11002	0.00119722 6	18	6	532759728	antimicrobial peptide type 2 pre			7.86E-34	76.21108	217.7355	108.7869	191.9733	223.3238	140.0039	403.4693	340.1047	393.8421	196.6122	141.2055	222.5585	248.554	196.3832	102.411	157.5632	322.75	241.7973	131.8579	222.1744	111.8609	149.3774	295.8069	246.3057	171.0499	398.6975	404.2408	
CUST_6564_PI429010886	N20275	0.00119806 1	21	15						604.6962	3667.762	1245.448	956.0225	297.1434	656.3228	2965.89	2100.692	1682.203	2257.369	1075.892	869.5599	2048.35	1178.539	1377.595	2152.198	1420.752	1451.5821	678.7605	1721.8	1319.093	964.2335	1324.865	1340.037	917.5193	325.2782		
CUST_2034_PI429010886	N11373	0.00119897 1	18	3						22.69882	NA		15.85928	33.82382	20.50908	13.61765	6.398645	NA	NA	24.27221	10.9364	7.914201	12.6121	4.651424	3.97152	NA	NA	4.090324	3.249116	6.717766	6.206844	25.45723	39.32943	18.81483	16.39583	14.44887	26.86103	
CUST_48479_PI429010886	M80552	0.00120160 5	12	9						53.21446	37.42032	65.3293	55.69808	50.67391	42.39291	53.66499	43.44652	60.20069	59.51724	56.29733	80.54573	54.64003	42.66175	45.99276	34.63148	42.4997	27.32212	63.61864	51.86305	56.38348	81.00976	46.84134	88.31999	52.27625	44.13653	55.09974	
CUST_11939_PI429010886	N28661	0.00120160 5	12	3						45.63539	59.46532	44.03643	61.05496	86.65164	64.42993	56.30361	71.26688	49.81307	40.89205	45.63101	35.95938	37.35559	69.91553	42.52366	55.70902	62.57277	55.45831	37.82047	40.96049	41.2262	38.06969	32.44579	43.21465	37.38685	55.38965	37.70788	
CUST_53462_PI429010886	M101813	0.00120244	15	6						4.312968	4.247024	NA			11.98927	9.057903	6.719445	8.009934	6.561084	14.95172	9.550476	NA		11.783	17.41463	5.643166	NA		4.825812	4.766502	4.602944	12.11997	12.09389	11.43891	13.37213	24.67768	18.99164	13.60764	7.677339	17.44773	
CUST_53434_PI429010886	M101688	0.00120471	24	3						141.9587	33.59136	127.2771	118.6245	95.46305	157.8871	29.22381	37.86516	16.61523	47.5648	84.39985	85.21665	65.47283	37.73322	57.02244	15.42607	17.39282	19.47927	23.82872	60.79882	19.24962	87.40333	52.98141	70.91565	32.8057	66.56707	31.78702	
CUST_49359_PI429010886	M83557	0.00120471	24	3						4048.748	76.8564	4655.696	6922.365	6999.724	7769.948	86.92889	461.6561	266.6798	3091.943	8802.072	4069.14	2230.426	4965.926	3647.267	28.77495	59.69831	43.01953	445.4238	580.9599	358.4079	4450.275	3633.442	3715.857	521.5155	2091.62	1377.009		
CUST_7185_PI429010886	N21167	0.00120471	24	15						309.7415	464.9207	231.0141	276.0746	228.5093	246.4061	322.6893	472.1134	254.714	273.8482	278.9665	271.2533	290.4456	317.0778	276.1893	493.4583	423.4844	418.6884	366.3486	423.7011	384.0543	246.3057	336.4491	307.6702	330.4034	356.871	319.8754	
CUST_24138_PI429010886	N50099	0.00120471	24	15						146.6816	175.5187	163.4024	147.7951	153.9033	142.7074	171.436	167.7409	150.3928	149.9126	176.6544	178.0895	153.0882	160.713	182.8746	202.9059	218.4783	262.1946	170.3943	173.05	191.9733	146.6014	174.8361	193.6334	149.7452	176.8599	194.1257	
CUST_38425_PI429010886	M26487	0.00120473 7	12	6	210062957	C-type lectin 5 [Fenneropenaeus			3.24E-11	9.207701	10.65615	8.869172	15.32048	NA		14.47219	88.65754	NA		69.36872	15.865	10.35412	NA		NA	NA		8.335988	20.14949	NA		23.79152	72.59454	124.7322	265.0552	22.54848	NA		18.45644	45.60384	7.157752	25.77383	
CUST_41640_PI429010886	M58204	0.00120718 4	24	0						16.33991	21.86932	24.53204	15.69552	13.73044	20.33857	20.47681	22.5581	15.51127	9.269929	10.7159	17.34089	13.13946	17.91593	12.66337	26.28423	20.49572	18.32878	18.56908	20.53256	15.82642	23.27971	12.61395	18.68765	28.0155	23.5588	36.14198	
CUST_42507_PI429010886	M60457	0.00120730 5	15	0						289.5149	124.0944	192.6657	57.43595	153.7672	126.1993	393.0833	296.0318	326.9964	34.53159	42.88477	24.88691	90.11127	141.9587	108.0846	596.1129	282.7416	247.1999	185.7829	72.75115	183.0069	159.0392	36.91722	144.5793	32.28165	57.9604	4.990083	
CUST_49189_PI429010886	M84589	0.00120833	18	6						179.5567	143.9979	85.90563	157.0068	144.3231	156.338	242.222	181.1959	238.9649	129.6975	93.54583	139.9139	146.953	124.7322	124.517	134.9328	82.48416	122.3631	130.0993	175.545	135.6848	159.7974	256.2719	136.1215	145.8127	165.4991	142.2521	
CUST_43518_PI429010886	M63258	0.00120072	18	0						220.9505	125.3435	265.7303	193.0974	53.78431	59.19241	82.42094	180.8767	89.43021	50.69876	10.1984	28.38277	108.1577	47.9205	40.63802	30.4229	112.201	93.75176	201.0489	364.9578	214.4735	245.4997	97.44091	58.82275	317.2644	9.355486	201.4635	
CUST_18362_PI429010886	N39653	0.00121462 2	18	6						8.420719	10.27251	7.87171	4.820294	11.04699	10.67194	NA		8.452888	28.75373	10.04588	8.416104	NA		NA	13.07815	14.63182	10.29813	9.450084	10.33813	5.228764	4.71102	4.508663	16.21072	8.348262	5.457353	18.98812	13.7624	12.36934	
CUST_144_PI429010886	N1544	0.00121547	12	9						8107.941	6642.147	17167.45	14189.5	5666.924	11138.2	7430.648	9096.626	14526.85	16014.56	10337.3	12743.08	19738.31	10764.25	9613.776	2478.84	4798.856	3598.269	11588.48	9629.338	9905.822	20059.08	23379.75	21270.53	8451.427	8073.399	13988.25	
CUST_38121_PI429010886	M23445	0.00121924	24	3	121484199	cuticle protein CUT8 [Portunus p			1.7E-39	40415.13	1053.276	21645.19	49329.8	40217.51	42496.4	3104.628	5442.505	7248.769	34877.59	40217.51	36802.85	31543.85	23892.85	37083.68	735.2877	747.5407	687.6817	10277.01	8503.163	11429.91	38861.2	33838.77	38996.88	10699.09	21010.2	28561.19		
CUST_39815_PI429010886	M45092	0.00121924	24	3	220172369	cuticle protein [Rimicaris exocula			1.21E-13	31967.8	753.9335	39540.76	40415.13	27758.19	46875.63	1146.245	3333.312	424.1	24721.57	48252.93	27758.19	12141.91	25065.69	23575.84	201.2812	699.1348	346.0708	1545.477	2715.678	1731.406	27210.5	14828.55	19855.57	2119.199	9653.786	6018.305		
CUST_7465_PI429010886	N21586	0.00122463 9	21	6						352.0102	463.4514	89.01154	932.6252	125.5382	657.7333	1592.484	1769.667	1985.342	1715.071	725.9659	498.7889	1470.023	432.3981	791.5844	1296.827	1582.625	3114.68	67.3007	130.24	22.39421	314.7154	167.4488	38.66006	1800.506	55.8366	1538.316		
CUST_49365_PI429010886	M85395	0.00122526	24	0						141.7369	174.2921	190.3661	142.1733	136.4064	126.8591	110.8559	133.335	165.5194	158.0791	140.7362	128.7522	138.6295	112.6108	123.1774	151.5867	148.4879	157.8268	110.9878	114.1769	128.5165	149.7452	154.6661	167.708	198.4091	174.5649	249.7708		
CUST_33671_PI429010886	M7561	0.00122587	15	3						382.191	189.5806	455.4195	501.3701	303.7619	499.6833	132.5859	460.5885	365.989	210.8033	219.2811	179.2719	129.3882	221.1265	61.63911	159.5246	413.108	296.1058	361.5772	531.5525	418.5156	468.5187	233.8101	137.6198	451.6859	91.73279	193.2061		
CUST_12763_PI429010886	N30000	0.00122716	18	15						26.26876	22.05134	35.15693	18.62882	17.39987	24.96379	26.75452	13.64023	21.95424	37.43476	23.52466	21.7802	24.21438	21.6818	27.97586	27.66435	36.48955	34.43322	30.99121	23.16492	28.04788	18.04144	18.96527	10.37881	23.67078	25.78185	14.57376		
CUST_44112_PI429010886	M64979	0.00122831	15	9						53.15363	61.9265	51.87516	34.03869	53.20844	30.8995	41.00325	55.56014	41.59688	52.37142	61.43496	77.14782	35.76914	61.295	53.88747	38.88446	63.03163	52.0131	45.32861	38.03753	43.03704	69.23652	45.75395	61.04906	59.15801	69.93972	70.59518		
CUST_24767_PI429010886	M51221	0.00122928	12	9						90.42094	38.40373	185.653	153.9962	160.737	61.15056	67.68769	65.90991	146.1482	227.1397	237.2505	210.2297	446.2058	136.4791	309.797	45.95263	91.6986	75.6025	156.0305	256.3549	252.9238	249.3849	199.588	119.6441	389.6444		
CUST_35146_PI429010886	M11721	0.00123409	24	15	241733201	myosin-IX, putative [Ixodes scap	Signal transduction	Intracellular signal transduction	9.91E-18	335.0962	525.2596	441.6663	357.6352	406.3531	299.9819	479.2755	423.4844	487.7778	458.5926	381.4494	474.9425	482.8348	420.3226	499.8092	559.4339	528.7772	623.3224	459.3044	435.2817	608.1132	467.4568	518.0684	549.069	448.1242	442.7601	705.624		
CUST_37842_PI429010886	M21831	0.00123409	24	3						3519.517	237.0207	3382.058	5921.175	9550.071	9153.451	242.4377	448.9533	249.2196	2826.773	4334.63	4637.293	1693.271	3067.239	4125.439	72.63826	53.54287	25.24448	109.0546	797.7145	66.44259	3992.329	656.7134	3000.392	95.10568	662.9752	105.1207		
CUST_38785_PI429010886	M30344	0.00123409	24	15	13898841	CUB-serine protease [Panulirus (	Protein metabolism	Proteolysis	5.72E-41	6461.658	7402.627	5021.117	2900.703	4275.766	2975.418	8768.122	8899.45	7194.306	8484.924	4224.791	3929.52	6506.137	4834.858	4560.074	1305.05	7714.571	9392.481	8309.047	7484.678	8736.825	6298.27	5073.866	5502.319	7177.873	5467.822	7497.741		
CUST_2336_PI429010886	N12130	0.00123409	24	3						102.3111	59.14128	105.3222	121.7034	578.1548	467.458	45.81369	91.85221	51.67361	73.79109	374.6189	323.0951	69.99598	124.2158	157.8028	38.48559	42.316	46.70567	66.53367	126.2375	49.80766	100.821	85.20409	84.09371	67.83335	140.2946	91.56473		
CUST_15037_PI429010886	N32002	0.00123409	24	15	321454587	hypothetical protein DAPPUDRA	Transport	Other	7.64E-31	146.2607	195.6118	158.9628	159.2248	145.6616	142.5791	175.768	166.158	201.3668	221.1981	154.1589	188.1844	181.9919	152.4946	186.2715	285.9469	221.596	240.5209	202.9968	191.6851	314.7154	182.1852	163.0857	203.5811	230.8967	161.2674	280.5224		
CUST_996_PI429010886	N8156	0.00123409	24	15						107.2961	225.3038	153.2663	102.9449	105.2701	121.1967	156.4112	197.5438	162.9278	112.3846	129.0975	107.8039	115.186	148.5106	144.7781	247.3301	307.9283	255.3925	164.3905	176.3993	230.1554	133.6243	144.7602	159.9018	186.728	148.0804	176.0523		
CUST_52439_PI429010886	M97449	0.00123564	21	15						10.46073	16.62059	13.75275	23.40815	29.32605	21.58992	14.81156	23.48894	29.22014	23.32746	21.39542	21.70164	29.11025	28.46788	30.24252	41.35381	33.24527	41.77836	29.64523	17.34255	32.81904	22.73887	16.89763	24.91228	25.68422	41.95707	30.63675		
CUST_95_PI429010886	N760	0.00123671	15	0	255653874	crustin 4 [Panulirus japonicus]			5.1E-27	20271.85	10999.91	17210.94	18966.14	6897.446	13098.74	10035.81	8605.765	9041.082	6310.155	8135.669	6132.817	8016.887	14100.35	10485.81	12496.19	14956.1	10852.86	7844.789	8605.765	8146.369	6292.839	14526.85	7090.073	5907.39	10127.21	7007.731		
CUST_27297_PI429010886	N55801	0.00124069	24	15						24.39028	6.735712	23.12968	25.89856	17.87709	19.01967	8.306588	15.37784	14.36256	16.70465	8.611312	30.2752	17.425	12.15059	16.89173	28.5396	32.75774	41.42853	33.5653	9.871812	30.19163	27.87602	26.30298	34.93184	16.96577	17.49602	27.72605		
CUST_38541_PI429010886	M27801	0.00124069	12	0						17.24504	22.97677	21.04316	14.83948	17.35867	17.26262	4.281841	11.09687	16.6676	12.38845	10.3228	11.7546	15.0452	19.55278	22.49107	15.66225	14.50725	18.3082	5.809954	7.060112	7.061549	21.18195	5.348053	14.24966	24.57064	10.80862	16.65693		
CUST_2732_PI429010886	N13000	0.00124262	21	15	321473292	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	3.37E-103	8.052062	17.75202	15.48134	5.256252	6.968697	11.91165	17.89355	15.87405	12.45866	16.1892	20.34099	10.11286	10.62708	14.71023	15.40578	16.95396	31.4973	25.35697	12.86873	16.9559	17.74047	12.86873	7.95024	13.92645	9.817879	15.23242	11.1702		
CUST_9560_PI429010886	N24839	0.00124170 6	15	12						54.16578	29.90099	52.2967	37.96647	29.73756	33.31109	25.19327	29.6741	28.52375	54.27691	53.30473	43.89958	57.89687	41.77836	57.37441	34.90937	38.66676	40.7919	41.05749	33.50527	34.29815	35.65021	40.27654	38.96726	44.54779	31.60141	40.50202		
CUST_50934_PI429010886	M91502	0.00124639 6	24	9						18.31223	8.58477	14.60927	24.26356	44.37502	25.55884	22.6315	25.65567	11.12735	14.74196	32.73039	27.24917	14.99779	17.85411	19.88951	15.96179	6.706445	11.23607	14.60467	13.42904	4.648358	7.071377	NA		9.099343	7.785469	19.11039	11.48755		
CUST_44193_PI429010886	M65226	0.00124898	24	15		Transport		Protein transport		465.024	951.1847	554.3874	493.2216	476.5395	524.517	632.1075	826.9656	649.314	611.6853	649.4957	529.0583	534.9189	682.3134	530.8049	858.7677	1023.762	849.7305	671.5725	723.9274	695.3717	510.3128	792.067	611.5217	665.873	686.4707	651.2334		
CUST_5050_PI429010886	N18195	0.00124898	24	15	388548526	ubiquitin-activating enzyme E1 [	Protein metabolism	Cellular protein modification process		2356.919	4291.944	2539.976	2526.145	1998.783	2018.868	4456.862	4008.648	2747.205	3120.055	2208.268	2194.43	3261.337	2149.415	2684.097	4177.108	5644.907	5847.84	3717.963	3069.207	4012.41	2700.891	2811.043	3376.686	3202.946	2795.798	3527.391		
CUST_6776_PI429010886	N20586	0.00124898	24	3						2076.904	100.9524	2251.39	3036.167	3516.69	4221.228	106.9297	280.3649	108.5148	952.9844	2797.556	3007.18	641.1736	2112.104	3151.384	39.72867	32.7919	45.57229	84.53983	351.4256	103.7569	921.4706	184.1934	457.1992	77.78042	415.3144	88.27501		
CUST_394_PI429010886	N4878	0.00124898	24	3						14642.96	16.67154	13098.74	14764.65	13191.16	14764.65	142.1072	87.31684	115.8934	1258.11	11572.84	18613.15	9804.488	6799.146	13812.43	24.98872	12.69873	12.16429	104.2626	177.9078	167.2635	10746.95	3786.116	8884.515	741.1426	1118.185	2402.724		
CUST_27527_PI429010886	N56217	0.00124898	24	3						58.62146	53.49041	58.19693	68.64759	90.14554	79.00471	49.78973	52.37742	50.99975	62.90417	70.83005	59.3284	61.81014	53.27399	67.09453	36.89757	34.73799	37.21408	49.39632	51.93257	39.93436	66.1472	55.95026	46.1952	56.52854	78.27062	50.14527		
CUST_49999_PI429010886	M88160	0.00125147 6	15	9						15.25605	11.27021	24.17321	21.98453	14.90623	20.56044	16.23526	30.09026	23.41063	39.92572	33.24527	26.38647	33.55937	12.45205	25.85498	28.67152	18.00851	22.5248	28.8322	26.52653	19.9379	26.6049	22.82225	27.38152	42.6416	34.16048	43.46921		
CUST_34305_PI429010886	M9285	0.00125286	18	15						216.6056	228.7039	152.2217	258.3202	154.8085	243.453	233.1818	132.7723	160.1694	378.1731	239.051	247.5885	187.8413	277.4932	251.7959	467.5708	215.2625	370.5351	360.4299	276.8158	360.3638	251.0374	136.6185	223.1202	171.8137	134.4304	132.8402		
CUST_9047_PI429010886	N23983	0.00125474	21	18						29.55174	18.93048	21.3055	18.32623	19.45847	29.5773	18.10243	13.23813	10.76257	14.91234	9.531461	26.0759	15.60918	18.15913	13.68381	17.89974	18.51735	20.90369	26.77351	24.25971	42.22249	24.17698	19.33949	23.97898	24.13218	27.73866	18.05145		
CUST_34045_PI429010886	M8583	0.00125633	24	21						473.9767	599.0901	487.0065	255.5294	513.5436	441.2406	377.3111	535.0429	474.8239	417.2642	470.7608	413.9053	397.4943	458.147	381.4494	595.447	692.1008	506.8228	456.9596	453.1048	397.6869	641.6007	647.785	626.8237	485.4687	617.7634	618.9801		
CUST_9703_PI429010886	N25070	0.00125633	24	15						22.58052	13.76632	15.88417	15.77596	11.24321	17.63035	12.80411	7.180584	6.694797	35.1142	26.14707	28.98683	18.85869	18.20133	17.78589	37.62021	44.03643	18.87393	21.61108	9.27828	22.43161	27.64775	18.73426	29.10319	18.28134	11.25743	17.72698		
CUST_51908_PI429010886	M95638	0.00125849	21	0	328724047	PREDICTED: hypothetical protein			0.000000448	13.83245	24.34343	NA		12.87838	14.95849	18.34365	4.351926	10.34767	12.39952	0.936413	11.51457	9.040984	11.35215	5.645713	15.18833	9.007628	17.36938	21.87306	11.7024	5.171462	11.07393	32.72443	15.47146	29.94695	11.81016	11.57491	13.73223		
CUST_38871_PI429010886	M31408	0.00126120 2	18	3						3492.822	192.2397	3154.32	4934.022	2474.336	3197.119	898.3377	957.7854	1922.582	3274.995	4470.918	3172.092	4392.913	1798.348	3182.56	45.48556	31.69795	83.84766	2170.443	1727.221	2354.096	5712.375	5442.505	5080.07	2457.62	4610.9	6809.882		
CUST_56016_PI429010886	M112540	0.00126386	24	3	341650466	Spz1 [Litopenaeus vannamei]			4E-40	704.142	33.9635	830.4195	744.5255	840.9882	973.3791	28.4962	93.37419	84.16166	437.6531	943.4447	694.1978	438.2874	656.3228	737.8151	21.55398	21.95937	21.60709	114.8511	204.2969	136.8369	561.6697	507.6273	652.9219	179.8173	274.5666	324.6065		
CUST_31914_PI429010886	M2723	0.00126386	24	3						435.509	54.88564	532.2614	600.8289	1098.604	927.3328	29.86767	86.37483	32.94207	336.6729	842.6773	423.6	235.1738	543.6971	872.0312	14.44743	29.00837	19.98159	29.21491	120.9827	27.81464	389.3624	216.5705	363.8565	42.5482	152.6411	34.55282		
CUST_7939_PI429010886	N22300	0.00127066 3	12	9	195436302	GK22112 [Drosophila willistoni]	Transport	Transmembrane transport	2.97E-48	36.41438	56.12288	66.11318	49.99479	44.52224	53.74306	43.31181	36.17395	53.8298	59.79025	77.6897	63.55637	61.58528	29.4638	54.78117	23.18831	46.2068	34.21691	45.63539	50.33808	68.48192	75.25623	61.49909	91.13599	49.1413	25.77169	60.25895		
CUST_29093_PI429010886	N59192	0.00127066 3	12	3						177.8505	274.2134	247.4344	237.0529	335.8993	239.0006	247.2393	275.9447	295.3036	170.8363	203.9965	232.5186	217.7635	216.7919	238.3932	278.592	334.1482	331.5173	188.2081	214.8056	244.7472	142.2962	214.0769	211.7618	192.3094	250.7116	355.686		
CUST_34863_PI429010886	M10932	0.00127109	24	9						62.45522	60.59689	9.621436	23.23151	109.097	108.623	NA	74.21946	NA	16.62453	220.7835	245.9747	6.844388	105.9717	45.1102	43.49681	30.9462	13.4565	6.16087	9.666191	3.988211	NA		38.9748	4.953316	NA		73.01092	5.025678		
CUST_51351_PI429010886	M93219	0.00127164	21	15						26.38647	39.22582	28.68485	20.68379	23.89085	19.55846	27.81087	23.64329	21.90135	26.78263	19.71754	13.50148	34.58217	25.

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_40491_PI429010886	M55274	0.001397549	18	3	121484199	cuticle protein CUT8 [Portunus p			0.000000213	6018.305	175.9965	7568.31	9923.978	11805.59	10764.25	316.0187	1050.844	1010	4783.413	16874.05	7058.228	5039.165	6988.188	6612.476	95.9971	177.2739	84.16166	1567.333	1334.416	1531.626	8189.692	8484.924	8348.895	1579.509	5277.675	4650.166
CUST_14614_PI429010886	N33174	0.00140048	15	0	321471327	hypothetical protein DAPPUDRA			3.66E-47	172.2349	181.7225	163.0243	140.4625	151.8995	138.0005	119.4159	113.8607	154.2424	122.5728	131.1766	103.1963	171.3724	113.6995	149.3381	134.9488	167.0939	200.1232	175.7896	164.1609	167.0102	82.9737	63.94916	86.71039	145.0834	157.519	217.0412
CUST_37683_PI429010886	M20594	0.001400749	24	15	32527554	Squilla empusa 28S ribosomal RI			1.27E-67	1760.199	1809.494	1266.853	1585.44	537.0249	1060.229	4383.744	2622.032	4130.841	6439.853	2634.199	723.6856	3224.848	1722.827	1475.969	9872.039	3264.887	7546.585	5427.368	3292.245	6430.973	4545.107	652.9219	3675.29	2383.285	421.4753	1910.884
CUST_53318_PI429010886	M101251	0.001403849	24	9						11.81411	42.20483	47.97957	3.454726	47.68605	50.17119	19.90621	84.55241	74.37918	61.145	115.7411	86.97617	46.47735	75.7215	65.63171	11.88574	54.36935	40.31371	17.44594	78.71874	46.6272	33.10297	56.91288	42.30272	23.89085	30.11519	6.653114
CUST_50248_PI429010886	M89158	0.001403849	24	0						20.79753	16.70282	18.46268	12.49082	20.24952	14.98175	16.04875	9.503205	8.097597	12.45733	9.913032	15.81757	14.39152	8.689291	19.40157	13.58986	11.23454	15.95845	18.87895	15.37323	23.50114	24.34343	12.82511	23.84404	30.49064	25.123	21.6346
CUST_6322_PI429010886	N19946	0.001404929	21	6	548531516	PREDICTED: E3 ubiquitin-protein			2.72E-124	82.53807	79.25889	67.78785	67.9004	63.29655	71.93057	138.4394	140.2011	184.7436	110.7598	133.4766	81.9432	120.9166	94.41489	100.3493	112.7612	131.0265	81.24878	81.6931	102.015	83.29367	51.24511	108.9605	66.55746	107.0748	81.9335	78.91149
CUST_10067_PI429010886	N25641	0.001412116	18	6						20.92431	19.42414	8.94045	24.78664	25.19327	13.15166	24.49986	20.12782	20.50908	23.51188	17.78589	13.7873	18.94041	8.23062	12.45733	16.71688	19.23789	18.7792	21.92026	19.59461	14.74793	27.18663	24.07838	21.19518	27.79864	21.3198	21.72789
CUST_37689_PI429010886	M20672	0.001414592	18	3						1292.915	31.94938	1203.381	3475.106	1883.877	2389.711	134.7613	254.6677	231.6588	2171.504	2685.938	2245.768	1546.88	1550.781	1856.844	23.10726	7047.626	26.39512	495.3901	428.6927	409.3888	2411.386	2176.241	2288.957	527.3184	1242.354	1424.355
CUST_48459_PI429010886	M80436	0.001415581	21	3						81.81979	71.1558	94.80138	108.2084	70.03526	103.8305	77.61728	63.77213	57.56952	85.66787	57.32544	92.23687	74.59679	55.65083	64.45499	72.00199	70.96595	61.56482	77.66076	75.28314	62.61945	88.92336	65.74218	77.76407	87.19961	100.315	86.40352
CUST_33144_PI429010886	M6079	0.001422719	24	18	321479170	hypothetical protein DAPPUDRA			2.28E-71	51.19385	55.40345	53.31643	38.57471	38.51685	31.06867	67.88505	53.90894	36.97883	46.94606	59.97246	29.87124	66.01029	55.59842	49.32564	63.20291	65.14299	64.26444	76.45795	54.76807	79.98506	42.9709	54.26863	60.31817	70.7916	46.62193	53.41031
CUST_45215_PI429010886	M68354	0.001422719	24	21						207.8099	228.5899	247.6563	203.9965	166.1819	176.1711	105.3837	162.6721	150.4929	216.222	215.6896	193.9353	256.6606	182.1021	231.7623	207.9921	193.3377	198.8083	188.9592	221.0978	186.1968	296.7459	240.3937	239.2059	271.4702	207.1201	247.8796
CUST_15213_PI429010886	N34194	0.00142308	24	15						16.1693	8.697442	8.355785	11.74246	12.51608	14.81846	16.43018	17.50097	11.75315	15.47323	10.58169	25.49661	17.71533	17.18362	20.56563	18.84339	22.4289	19.9833	11.43741	12.50303	16.39884	17.1638	21.81393	10.14958	30.36046	4.129818	18.40907
CUST_33471_PI429010886	M6971	0.001431168	18	15						401.3498	518.3699	346.0708	512.9523	318.1116	343.406	212.598	186.2275	260.1465	173.9289	364.8028	159.3169	375.8148	689.88	208.2068	785.8536	958.9028	1281.883	178.8343	786.1643	868.9348	236.7562	176.6026	218.7135	396.7957	173.9842	448.5869
CUST_20967_PI429010886	N44387	0.001431295	24	9						NA	8.432245	NA	8.381188	11.65098	8.223081	4.839088	8.794886	NA	11.55435	9.690677	18.07496	4.821255	10.51838	13.37894	NA	NA	5.766617	8.126376	5.329428	NA	NA	3.708703	4.533493	4.81366	6.410283	6.68462
CUST_43015_PI429010886	M61864	0.001431475	24	12						22.32375	65.32192	52.70059	33.09951	29.89281	26.48147	33.89756	38.32178	60.77123	41.81524	95.34191	6.982881	61.15056	92.53323	69.10515	61.47323	50.91261	48.72562	14.99036	43.98563	32.92494	20.1	24.83403	30.49532	25.38297	23.73245	25.91869
CUST_35618_PI429010886	M13027	0.00143839	21	0						111.4237	67.66335	94.53661	114.8652	41.10799	77.72005	51.90036	35.47671	63.83347	53.74902	29.37844	52.65281	73.26943	35.95046	56.3623	28.78071	14.50907	32.51998	55.47729	43.78128	35.86995	71.04436	71.08646	57.10009	40.06052	40.48248	55.62648
CUST_25151_PI429010886	N51876	0.00143839	21	3						58.97313	50.92071	46.09063	46.36381	64.2158	52.55424	30.70816	44.88116	38.5634	42.32505	42.60881	37.71176	44.22724	34.93669	44.32847	36.05612	48.14157	35.02108	49.82313	29.24359	43.96941	44.66421	46.22711	54.81291	46.67638	47.58263	57.30682
CUST_43551_PI429010886	M63338	0.001440368	21	12						7.342734	7.60439	9.551996	11.33713	NA	10.65068	5.029315	11.47734	14.32082	9.398999	NA	11.36956	16.78177	17.06708	11.77966	5.93112	8.141288	8.00908	NA	4.078932	3.841109	NA	6.257426	8.505122	3.764987	10.68598	7.21871
CUST_36515_PI429010886	M16111	0.001441196	24	18						612.5918	486.3663	616.5627	361.1116	317.1978	338.8265	520.31	424.7669	449.9406	635.7483	435.8605	491.5182	457.222	483.6608	375.0062	737.5198	541.2118	658.1324	629.0343	739.59	597.0435	533.7924	329.0788	510.3128	691.6444	421.8557	539.0498
CUST_34525_PI429010886	M9914	0.001441196	24	3						155.5101	155.8635	132.2346	104.6784	176.1473	147.2992	109.6621	148.3156	125.123	90.95134	108.0539	97.74585	85.38009	145.9501	95.80871	112.3401	128.9445	118.1715	73.1869	73.34259	85.0123	94.25033	83.26385	83.2237	103.801	141.1162	124.1127
CUST_30101_PI429010886	N61180	0.00144231	24	0	345483347	PREDICTED: hypothetical protein	Protein metabolism	Cellular protein modification process	4.48E-09	69.48765	44.23722	70.87494	52.6416	51.49597	59.45846	49.91114	52.61688	54.62717	48.96189	49.75454	44.96264	48.84433	56.16991	56.56581	59.7098	56.21355	57.36964	59.93946	56.22476	57.23466	78.5366	59.99359	46.3034	64.20079	57.64367	66.63719
CUST_43143_PI429010886	M62188	0.00144239	12	0						206.1814	249.0801	206.6211	221.2615	201.258	191.4824	162.9694	173.3624	171.5033	181.8521	220.4205	220.4205	233.2689	182.9809	234.2298	184.4707	239.4831	188.3253	190.7683	216.6807	171.9853	234.9137	223.9415	240.7581	284.3354	251.7468	295.7504
CUST_24178_PI429010886	N50175	0.00144308	21	3						11.58271	7.026862	23.50114	12.28744	15.87243	17.6345	21.618	11.85264	23.85663	8.451625	11.3477	11.60186	8.698736	10.914	9.832908	4.412786	23.82872	5.964848	6.150357	6.697207	7.284615	8.285959	19.18647	3.191416	NA	13.5245	15.94747
CUST_15191_PI429010886	N34164	0.00144532	12	9						29.98295	24.26872	33.73873	20.61917	19.32331	19.11039	23.22612	27.75337	37.8457	27.49657	35.62359	36.07467	56.03663	51.04378	54.08431	30.98378	18.43607	26.65836	75.6711	60.06954	48.02557	102.8924	92.82706	96.71212	57.46642	29.78433	81.05496
CUST_30227_PI429010886	N61440	0.00144573	15	9						47.67532	40.14297	36.1598	46.84848	44.73509	52.37742	23.35468	57.68508	41.71225	68.21622	55.06272	53.43823	46.56066	49.39254	42.14752	33.45208	29.66274	36.86325	32.2766	58.01234	35.15002	72.21507	65.92976	58.47581	62.1826	66.40286	50.90051
CUST_5183_PI429010886	N18369	0.00144698	21	15						191.21	266.5309	228.9149	251.2891	263.2054	264.3178	245.4129	232.9522	252.2559	191.4096	242.7012	96.9319	231.9984	233.4998	232.7425	299.3538	275.2113	282.2716	297.3019	271.2533	262.4813	256.3164	269.0492	253.4735	239.5431	273.2919	217.3996
CUST_42806_PI429010886	M61308	0.00144868	18	15	32527554	Squilla empusa 28S ribosomal RI			1.96E-100	20913.02	24507.87	20059.08	17023.68	16372.71	16622.66	22711.46	25555.67	23273.41	18673.37	18476.28	19287.83	19195.08	17771.79	19387.17	27210.5	27347.94	27210.5	24507.87	22711.46	24040.66	16288.46	17982.7	20172.23	18435.82	20762.38	22037.75
CUST_2176_PI429010886	N11794	0.00145062	21	9						122.3466	104.3412	104.6237	169.0749	123.6928	130.6255	128.7173	119.4647	126.5057	142.3304	136.8772	138.8443	117.3803	140.1401	130.828	155.6724	129.4603	122.622	118.7615	98.83232	131.568	104.8322	100.1289	120.6665	131.4868	131.4985	135.056
CUST_33023_PI429010886	M5757	0.00145178	21	0						49.84168	59.38892	76.36789	26.67982	41.35381	36.80294	36.67403	43.08271	45.56407	30.72076	42.66588	34.02915	28.8807	42.32017	26.29331	30.03767	7.06957	40.66863	43.10438	53.29185	44.87713	40.69852	70.36116	50.88233	42.97957	46.83625	63.77866
CUST_51778_PI429010886	M95035	0.00145178	21	0						2793.635	3538.483	3264.887	2696.535	2698.998	2747.205	2104.842	3368.791	2639.099	2322.285	2526.145	2684.097	1842.758	1979.658	1848.594	2418.009	2958.733	3020.109	1521.677	3390.028	2320.751	2971.539	2512.997	3093.621	2396.659	3250.257	2713.39
CUST_57271_PI429010886	E3460	0.00145532	12	3						191.7974	339.8451	309.7415	293.6993	475.3372	402.7185	175.8219	264.3178	218.9179	167.4144	326.4698	287.938	201.4162	588.9309	300.8806	368.8823	679.9519	694.9037	317.3631	388.875	510.3128	107.2586	283.9592	112.8135	210.8765	337.9166	292.8798
CUST_34684_PI429010886	M10337	0.00145673	24	21						3082.237	3405.379	2851.067	2319.232	1839.274	1777.355	1311.742	1989.721	1799.736	3470.741	1705.593	2003.765	4217.01	1708.901	2911.669	3790.113	3960.355	2694.146	3561.33	2797.556	3043.672	4372.597	3210.455	3647.267	6000.152	2870.034	4910.228
CUST_55630_PI429010886	M111030	0.00145673	24	6	321456220	hypothetical protein DAPPUDRA			6.77E-12	586.6628	435.731	445.6007	644.9039	544.2292	500.7179	780.7545	738.0615	917.1646	681.5295	612.5918	379.037	907.1782	435.6254	661.1838	693.9081	657.3507	431.5244	595.6417	469.2787	572.1963	434.4459	451.8198	390.5287	556.2705	443.9249	379.2367
CUST_36613_PI429010886	M16352	0.00146047	12	0						110.1907	125.3559	129.9006	112.0316	84.13391	97.84796	67.63991	86.21825	82.72734	125.2132	110.45	91.62496	136.0268	73.97753	103.4142	111.8116	88.27501	69.5671	81.1468	87.99932	65.1084	130.7693	118.5815	118.7615	135.1327	111.0547	142.8249
CUST_54026_PI429010886	M104151	0.00146541	24	15	321458008	hypothetical protein DAPPUDRA	Transport	Transmembrane transport	1.34E-46	25.39051	21.51186	22.45014	42.51804	17.69464	31.07591	26.23262	32.68105	32.22297	52.13985	25.97013	68.09581	37.42032	39.02298	42.06849	42.02468	52.7448	52.65627	29.14127	16.29344	13.51981	48.61045	28.61264	19.41748	26.14707	19.76134	15.7947
CUST_53827_PI429010886	M103348	0.00146505	21	9						3.592956	10.34409	NA	7.86169	25.73695	28.51273	6.233337	15.76766	NA	7.86169	25.73695	28.51273	6.233337	15.76766	NA	4.932654	10.96478	13.25197	34.02124	14.27475	8.716574	4.482599	5.586668	4.401339	3.664265	5.494001	12.85037	11.01879
CUST_25603_PI429010886	N52721	0.00146808	18	6						NA	12.03789	7.282372	18.25109	7.836931	16.26976	28.59028	15.57359	20.26341	23.69696	6.362179	19.38111	26.76519	14.58537	21.03259	17.29188	12.70197	18.89832	14.27946	8.219759	11.95545	19.88951	25.32953	18.80373	22.56644	24.93768	23.82872
CUST_52801_PI429010886	M98971	0.00147586	24	21						67.79476	85.37067	112.473	64.14599	64.03624	65.37786	60.86727	63.01997	83.59122	58.58735	76.8564	64.27657	61.43496	81.97833	55.1847	81.68207	78.57224	95.79812	67.35191	76.98432	82.85507	97.77174	88.20477	87.91078	105.2701	81.47133	89.45518
CUST_39731_PI429010886	M43606	0.00147616	12	6	260801594	Branchiostoma floridae hypothe	Protein metabolism	Proteolysis	7.28E-90	8.723632	NA	14.83387	297.7548	NA	225.0911	3650.983	NA	2749.137	633.0621	420.9575	NA	160.2439	293.8829	103.5395	772.308	NA	713.1241	5420.715	10852.86	17287.24	885.1856	NA	786.3486	2771.365	412.0092	2021.719
CUST_48322_PI429010886	M79828	0.00147616	12	6						6.881395	NA	6.374074	26.16413	NA	26.17262	523.2386	NA	451.4694	79.87529	54.25668	NA	26.05879	45.35253	15.80013	120.4953	NA	115.5552	677.4857	1017.712	2206.592	206.6211	NA	169.9945	338.3895	50.1974	311.055
CUST_49914_PI429010886	M87714	0.00147801	24	18						106.2889	236.013	269.707	117.1085	167.1507	227.5418	100.0635	196.6443	258.2061	103.3439	98.51271	218.0311	121.5461	215.2207	176.6314	347.1137	268.6876	306.4312	394.8687	219.0312	322.1133	316.2435	255.9023	308.4293	383.0448	228.8193	370.2353
CUST_12144_PI429010886	N28998	0.00147801	24	18						370.3281	506.9058	442.023	368.5924	362.8242	418.6884	362.7316	401.2544	416.3476	368.1539	416.1276	180.4396	362.1172	365.0376	482.9421	454.5758	503.262	452.9256	454.0605	472.1134	505.1911	464.1815	476.8665	474.7066	482.8348	433.7137	598.5974
CUST_42299_PI429010886	M59946	0.00147819	24	3						23.76317	5.209393	17.25943	49.49937	55.2321	35.52825	9.848403	6.335605	8.314533	27.66729	24.67768	35.97882	16.51333	27.69481	22.12314	7.664784	5.688322	9.361001	6.112777	6.279198	5.463559	17.2551	19.36009	7.142339	5.780077	9.251212	13.40671
CUST_45329_PI429010886	M68748	0.00147819	24	21	405973852	Protein Daple [Crassostrea gigas			0.000000475	315.18	280.3032	386.1445	345.1684	255.4927	290.6243	210.5427	211.695	295.5482	303.9295	241.364	282.2716	356.6056	256.2294	291.1427	383.3073	358.247	296.1605	273.5066	294.5533	331.9294	488.7695	323.747	391.1173	385.3052	338.9144	323.3549
CUST_31132_PI429010886	M785	0.00147819	24	21	383864755	PREDICTED: glycogen debranchin	Metabolic process	Generation of precursor metabolites ar	4.7E-156	435.2817	577.1013	628.1097	626.0846	651.2334	505.6819	336.9544	460.4529	503.9395	532.3756	497.6488	505.0907	664.9053	462.9596	570.8807	562.1389	833.2103	513.0768	753.6723	662.7709	541.2118	712.1062	702.7679	653.7367	952.9844	886.9505	745.1009
CUST_3434_PI429010886	N14492	0.00147819	24	3						484.4076	291.4248	479.3697	407.6903	531.7033	671.9924	256.3549	311.1974	265.2295	388.6637	327.283	564.5167	384.4369	262.9461	439.7541	212.7978	183.1939	193.9037	171.8869	251.1902	124.6245	501.3701	215.2207	461.4101	235.8737	285.3215	223.277
CUST_13054_PI429010886	N30503	0.00147855	18	3						112.0182	151.7904	190.613	170.0181	241.4097	237.366	130.3988	191.7176	128.645	178.6585	227.5418	218.7863	85.26437	128.3867	114.952	162.0267	112.5075	168.9624	124.0673	170.5634	147.3924	265.4961	196.3832	233.1508	73.27988	235.9714	143.5284
CUST_13560_PI429010886	N31380	0.00147905	12	0						46.43451	38.34001	44.56728	30.46326	31.39279	34.43322	28.10459	29.01236	28.4735	30.43559	25.50997	24.28357	39.34209	32.73765	30.77878	35.48221	28.81419	26.87469	26.11298	28.51548	24.37229	35.08331	28.87134	28.5396	38.88446	33.90314	25.9662
CUST_39113_PI429010886	M34698	0.00148077	24	15						77.93692	86.38253	70.15908	137.9765	37.58637	97.53962	111.0263	132.8996	148.5965	272.4392	163.2927	28.2205	100.3986	164.5127	75.73146	407.9106	199.5583	296.8179	157.2999	201.4635	225.2142	241.0614	46.14868	139.5903	111.2894	28.6389	79.58985
CUST_304_PI429010886	N3717	0.00148276	18	3		Metabolic process	Carbohydrate metabolic process			540.7576	133.0371	557.162	818.3565	804.9022	816.8898	222.4664	239.348	183.381	531.5525	690.0542	656.0648	799.0901	431.346	761.8025	167.261	157.6609	114.413	272.1212	268.0924	214.2802	1124.051	790.1557	835.3759	223.1202	447.1876	334.795
CUST_22465_PI429010886	N4078	0.00148688	24	0						11.85264	49.33519	25.1506	4.007214	10.54698	NA	8.078793	NA	13.01309	6.397769	6.05695	10.8747	12.22514	11.59198	7.033009	4.456174	4.274871	7.286503	6.673021	12.14754	12.49454	12.11716	14.21449	13.38505	12.99098	NA	19.74685
CUST_44376_PI429010886	M66263	0.00148649	24	12						637.2271	483.5854	655.1561	1254.672	441.4649	711.4323	1216.51	549.069	1143.279	953.6942	2057.214	1065.1463	1262.927	1676.387	961.8552	687.6587	1401.151	1124.697	500.8894	592.6818	1042.689	599.0901	534.9189	1237.6	1255.9349	412.1414	643.0042
CUST_31811_PI429010886	M2471	0.00148674	21	0						1059.201	474.3448	1112.302	1041.115	654.9488	1006.869	469.9074	596.2588	543.3224	772.308	712.9201	753.1726	857.7889	417.3805	705.624	380.4577	421.7429	364.3837	488.8743	591.3029	486.0305	1322.806	788.7271	1218.815	581.8311	668.9797	836.3643
CUST_24919_PI429010886	N51482	0.00148643	24	0						51.83065	50.55101	50.36291	36.22402	29.86767	29.72388	29.92819	28.56322	16.68416	25.20922	15.93995	33.82054	26.90354	30.78396	35.0975	44.18768	35.17583	37.12091	54.45775	22.33262	33.84542	38.413	23.34913	48.00737	33.62389	43.63653	41.91606
CUST_21460_PI429010886	N45262	0.00148929	24	21						6.126911	11.18155	NA	5.391687	7.640953	3.596764	5.016947	7.463335	10.21986	3.355805	6.009874	8.056452	5.551574	9.261783	3.744973	6.40408	10.97548	5.921908	13.49255	9.307362	4.09305	15.19014	18.61345	12.77084	10.77882	12.18599	9.902198
CUST_1841_PI429010886	N10861	0.00149571	24	18	321466121	hypothetical protein DAPPUDRA			9.61E-09	365.0376	431.0524	840.6574	454.1788	262.7025	113.6995	533.1871	353.4279	935.0962	276.3303	139.9317	192.8297	510.5943	281.3108	138.9184	320.1071	248.6058	341.5157	816.8898	1135.893	1255.327	514.4981	672.5292	606.9823	408.6556	455.3201	702.937
CUST_42727_PI429010886	M61083	0.00149635	15	0	4585366	extracellular superoxide dismuta	Metabolic process	Oxidation-reduction process	9.71E-44	55.76605	111.2462	90.71076	71.26688	34.57091	35.55837	95.46305	46.85381	71.99448	17.86679	14.3798	22.53586	118.0597	32.69926	79.92025	84.3918	48.4991	84.84924	NA	53.39229	42.60412	44.86243	84.13391	43.15923	29.4515	15.70448	35.5206
CUST_35743_PI429010886	M13381	0.00149626	24	18						276.0746	991.5499	995.9721	753.1726	383.478	83.81296	1140.807	750.3368	1135.35	1069.345	527.1701	816.8898	1144.859	490.077	390.0801	1114.745	1063.832	1984.393	1215.754	1999.848	2666.243	928.2282	999.3353	1302.487	816.0394	370.8194	1339.398
CUST_6436_PI429010886	N20098	0.00149626	24	18						275.5152	394.1154	352.1552	364.2801	279.6802	279.6802	351.2785	378.9491	289.6241	360.8837	377.5103	350.1584	384.7267	294.2691	417.2642	345.1684	527.5856	425.0628	432.4641	385.6874	430.4406	376.0142	400.0672	437.2723	386.2259	367.8176	412.7396
CUST_19109_PI429010886	N40993	0.00149626	24	21						181.0227	164.1331	223.0844	202.7113	112.9448	137.8428	141.898	140.444	170.5634	207.2734	127.7854	149.6248	218.3669	137.5443	184.3858	144.1497	180.5627	189.1836	229.9746	166.6574	211.8418	224.9241	228.0375	256.9518	203.5459	190.9064	279.9265
CUST_24247_PI429010886	N50294	0.00149626	24	18						26.87774	43.20078	42.68735	20.38818	16.04505	15.87729	34.32123	38.35932	43.86283	39.6633	41.53886	30.3404	49.35984	12.67148	32.50381	100.9815	25.24715	77.44274	55.20546	65.82678	49.38843	45.38696	27.99655	66.1068	42.13235	21.99703	50.36694
CUST_24718_PI429010886	N51143	0.00149626	24	3						11.72699	9.575352	9.753338	11.18434	73.35252	69.60024	11.29	11.48486	8.078793	4.417002	10.55248	20.49843	16.74981	16.68416	30.3574	7.569757	8.00437	8.846413	6.66539	5.765353	4.158939	10.03947	7.027807	8.040102	9.016507	9.271842	5.3907
CUST_25854_PI429010886	N53174	0.00149626	24	18						95.93997	149.1509	109.9913	82.03251	77.9206	88.70868	94.99849	94.76517	90.03155	100.3755	98.38918	142.1948	93.78493	64.13419	112.8635	123.9057	108.4858	141.2321	121.7034	129.3077	176.1711	109.7081	96.49913	166.6346	146.3562	104.3062	173.9289
CUST_29006_PI429010886	N59015	0.00149616	18	9						53.90529	44.6542	40.71158	63.47982	37.73828	57.85506	44.40388	52.76213	43.38791	94.83653	59.72832	65.0271	115.0193	64.88783	54.07225	56.64171	43.67283	52.70059	40.13104	37.9908	24.55645	59.97246	32.82904	55.06924	63.92981	45.30575	55.95026
CUST_10116_PI429010886	N25724	0.00149763	12	0	321464005	hypothetical protein DAPPUDRA	Transport	Ion transport	2.17E-77	277.6138	194.635	282.8745	195.9057	179.5327	156.6771	150.0907	152.1662	155.0651	256.3549	186.2275	231.1683	273.4227	184.1934	206.3209	274.2662	164.3213	207.5504	166.3995	165.6814	171.8137	290.3235	234.4037	285.7364	371.5727	22.6199	362.5984
CUST_12897_PI429010886	N30228	0.00149737	24	3		Metabolic process	Carbohydrate metabolic process			204.2476	27.34045	198.7781	251.3401	2038.719	1565.636	25.67433	188.656	19.10616	33.9183	792.599	703.6419	17.22771	589.338	475.4976	3.508635	12.01555	8.219759	4.094973	273.9926	NA	49.20954	44.42034	34.10624	NA	345.1684	NA	
CUST_36422_PI429010886	N15054	0.00149505	24	21						98.39971	115.5027	143.4269	116.2562	102.3362	96.5246	79.33651	97.25517	85.09153	99.16406	132.9821	90.25881	116.6925	81.61482	132.8996	106.6827	119.713	106.6827	29.0556	146

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_17478_PI429010886	N38038	0.00158909	24	18						9.946155	19.80398	14.93075	9.628869	13.41756	10.38657	13.93661	5.201984	16.44171	18.23129	5.258405	8.346975	19.74619	7.976904	3.795435	20.9985	21.0238	17.44104	37.08249	19.49003	21.34152	15.23659	32.85244	17.12329	16.72545	12.70744	19.53602
CUST_42466_PI429010886	M60348	0.00159282	24	18						682.5361	237.366	313.9334	18.91649	NA	8.880632	151.0701	230.7682	24.55379	32.39325	16.10883	NA	61.16761	348.7073	NA	1434.548	45.8224	1246.549	1188.558	659.9573	1088.703	450.4965	NA	488.2191	979.9752	98.28823	949.6232
CUST_42785_PI429010886	M61253	0.00159625	24	3						1261.961	1302.009	1049.045	2757.04	3193.902	3349.165	1375.747	2269.737	588.2093	1332.862	2001.707	1849.733	1142.458	2174.954	1778.328	697.7281	1832.717	816.0394	509.6459	1275.515	795.9001	609.0112	2100.692	766.0458
CUST_32450_PI429010886	M4146	0.00159683	24	15						391.6595	451.1176	359.174	350.9649	406.6714	350.3187	414.226	405.1127	388.382	404.3238	358.4079	414.325	433.097	355.324	426.6472	469.5128	464.4221	461.6561	412.8294	449.9406	429.3727	387.048	410.7073	407.0205	443.9249	400.7915	507.6273
CUST_55863_PI429010886	M111912	0.00160711	12	0						87.50644	91.18387	91.97617	82.56422	80.72426	83.92194	56.03663	64.88783	56.48171	85.10841	67.1207	91.18387	74.39469	83.52767	90.35029	81.9335	59.38892	81.02819	76.25504	69.31429	69.80795	70.63954	73.55381	83.06309	74.90044	84.52278	80.01131
CUST_12836_PI429010886	N30129	0.00160711	12	0			Metabolic process	Other		48.78916	111.2293	159.1592	26.45629	24.73755	18.98812	18.22769	22.61608	27.62832	39.88903	23.87506	38.52068	23.95198	38.12224	34.67932	24.80368	32.81904	45.74936	16.54419	30.70093	16.1275	34.46864	36.61091	29.16024	31.85157	31.84882	56.42712
CUST_33216_PI429010886	M6309	0.00160768	21	3						62.80714	45.7721	59.92793	76.19255	114.9878	95.39909	27.96875	50.55101	44.47768	45.98151	112.6234	74.04749	58.40069	78.34836	75.92637	37.34026	22.70713	47.18539	70.1867	61.72867	41.01272	70.32352	60.12159	56.99251	73.72575	78.71874	83.19883
CUST_7804_PI429010886	N22108	0.00160768	21	15	321476509	hypothetical protein DAPPUDRA	Metabolic process	Other	1.65E-62	67.9004	392.3777	234.2807	130.9003	98.60787	40.76292	302.274	278.3094	248.8065	302.7771	172.9954	176.8903	226.2405	130.2225	179.7937	335.8993	361.1116	307.5442	175.3842	285.8344	386.0289	232.2882	328.9434	89.79089	133.0187	70.24722	140.7536
CUST_27420_PI429010886	N56030	0.00161542	24	15	242002324	sugar transporter, putative [Ixoc	Transport	Carbohydrate transport	2.1E-20	7.310973	13.22308	NA	6.784619	4.214527	11.48896	11.93827	13.84533	10.12695	19.22503	NA	4.539514	12.93095	NA	13.51154	22.16839	18.46729	22.73253	13.47047	8.640415	32.21584	NA	13.19589	5.527945	12.38261	8.885052	12.19826
CUST_18696_PI429010886	N40026	0.00161574	21	15						NA	13.87312	NA	12.77084	11.08682	12.60992	13.13244	9.991081	9.141868	6.346484	NA	9.508309	25.18751	17.94579	21.72565	21.74621	28.88967	16.8613	12.53864	14.90046	10.36863	14.25789	17.22544	13.61444	12.90391	7.477063	NA
CUST_34101_PI429010886	M8775	0.00161579	21	15						30.18612	59.75785	41.76233	24.19322	29.17859	28.98015	38.9748	48.69222	53.37496	38.57077	45.79664	45.9512	38.85987	45.66053	28.33805	55.84882	64.63944	54.84307	32.40814	51.08158	51.62622	51.44911	53.80944	51.9164	38.61107	34.46463	38.43848
CUST_3040_PI429010886	N13661	0.00161605	15	6						1345.742	2381.656	1392.216	1256.746	1833.616	1189.292	1994.973	2041.036	2499.817	1253.748	1291.096	1238.715	906.4938	928.5423	860.5197	1000.752	1885.037	1497.206	914.2819	794.3963	853.4119	1962.886	1940.134	2509.266	1511.222	1005.566	1883.877
CUST_9120_PI429010886	N24094	0.00161734	24	21						198.9127	163.7578	223.0141	295.6289	165.2368	187.5258	105.7248	150.3174	84.83411	120.1066	135.258	75.43056	183.8352	67.44192	175.7896	104.0183	149.1062	55.41495	446.0553	165.5396	337.7577	256.1444	319.6543	213.6241	373.9602	244.6301	346.1837
CUST_34794_PI429010886	M10694	0.00161755	24	15	321463376	hypothetical protein DAPPUDRA	Transport	Ion transport	2.28E-17	15.28234	20.50908	19.25825	5.692618	12.01165	11.76947	35.85354	32.56414	51.68947	28.14461	28.73196	32.74097	29.06853	18.2576	21.94323	51.34157	48.69222	65.27494	32.46562	16.38536	43.36808	18.80558	26.88006	19.56045	33.42941	12.06245	20.07484
CUST_43561_PI429010886	M63354	0.00161755	24	21						93.04693	89.33073	76.82742	79.86465	60.15379	73.4442	99.4113	70.23956	67.63991	88.93364	50.6629	68.71816	82.95322	78.46823	81.5061	97.75803	83.62172	100.3016	86.40352	81.96955	107.365	91.26396	112.4501	107.9954	95.56729	75.40109	117.1888
CUST_7520_PI429010886	N21668	0.00161755	24	21	225711306	Mitochondrial 39S ribosomal pro			9.28E-88	135.5781	203.2256	200.5182	120.5967	143.2998	109.2539	127.5275	178.1474	191.1727	111.0263	134.0192	113.0301	141.6537	147.7301	149.0864	107.0461	159.3669	161.3354	90.8788	194.1761	176.3183	258.7439	177.0208	239.1254	154.2758	167.2859	168.4308
CUST_19182_PI429010886	N41125	0.00161755	24	15						50.27602	113.666	66.64484	62.16915	67.65721	48.8328	72.89302	101.1175	73.34259	88.58571	77.83598	83.29367	123.0345	78.97649	89.44264	85.47045	96.27921	99.49612	68.33012	85.785	94.1914	91.01249	92.47181	83.40132	75.79833	67.45544	86.29714
CUST_19383_PI429010886	N41485	0.00161755	24	15	91085205	PREDICTED: similar to AGAP003	Response to stress	Defence responce	7.18E-50	94.98794	81.44134	69.45852	76.42243	62.7253	80.99203	78.87943	95.58893	80.25802	82.91071	38.64548	66.36737	93.57741	78.03831	108.7707	114.6133	107.567	87.17685	89.00153	104.9377	80.85368	103.1963	89.55714	92.79509	74.04749	92.77365
CUST_39644_PI429010886	M42141	0.00162478	12	3	371591236	Euphausia superba voucher 760	Metabolic process	Generation of precursor metabolites ar	5.89E-103	272.73.84	44511.54	3462.08	3672.45	3619.35	3296.41	3350.8	11	3923.8	3383.77	26056	3196.78	2396.1	37.2361	22711.46	3560.66	24289.54	41419.19	493.29	50560.8	29520.35	3507.66	35862.04	26056	32969.41	29843.45	33304.41	40415.13	3899.69
CUST_9180_PI429010886	N10900	0.00162478	12	9						3706.021	93.13119	3185.221	4439.592	1416.053	2016.054	596.8192	455.7266	891.7043	7585.802	5048.826	4598.208	9179.508	1521.677	5884.771	201.1205	203.6502	244.5822	2913.515	935.873	3064.959	6219.297	6439.853	9272.221	1918.312	4499.92	8086.369
CUST_38832_PI429010886	M31027	0.00162762	24	15						1844.624	3519.517	1572.421	2025.285	1223.646	1492.153	1065.973	2361.017	813.2524	1563.253	1602.248	1596.49	1492.942	2152.198	1287.523	7731.941	5222.203	3721.413	3050.493	3699.413	2381.656	2478.84	3354.131	2197.153	5137.74	3373.758	3426.429
CUST_42610_PI429010886	M60723	0.00162583	24	0						13.96585	14.87284	8.026216	9.279573	12.42262	12.26439	10.4597	13.52139	11.29335	10.33927	5.481109	10.92283	8.797471	5.337184	5.3575	6.397769	10.92283	4.901556	5.262435	23.03724	15.62519	15.88417	13.51353	7.732666	11.84866	30.27748	25.83296
CUST_10604_PI429010886	N26497	0.00162716	24	0						116.3209	103.4258	176.9444	74.66025	108.3596	36.07006	62.76751	96.7742	72.20641	78.69416	30.3404	45.1102	63.57872	51.77472	61.68316	61.33441	68.06818	48.34401	69.51507	79.29416	38.24975	74.63974	108.5947	92.87822	133.3046	75.53689	50.17119
CUST_41326_PI429010886	M57453	0.00163713	21	18						209.5934	98.478	300.9971	112.6997	111.0926	81.9979	101.2406	59.63292	116.4561	113.23	69.64615	94.40167	115.2014	85.09153	109.9768	222.1744	88.6659	192.9259	256.4131	119.4647	318.6428	126.7369	116.8305	112.096	122.3466	108.9908	105.4159
CUST_38595_PI429010886	M28404	0.00163759	15	12						382.5381	425.8369	215.6896	97.20086	156.0675	103.0843	106.7994	442.9918	245.1417	363.9263	271.3703	169.4171	197.2544	280.5224	285.6824	110.3412	270.4772	259.2192	49.93448	39.45301	53.13532	112.669	122.9221	80.50166	94.71637	170.8635	205.453
CUST_41717_PI429010886	M58382	0.00163888	24	15						10.60141	14.64332	12.94453	6.348391	7.756367	4.475565	5.338332	13.32317	9.245564	18.34365	14.77972	11.10999	7.422436	6.162699	9.6637	25.06692	22.44752	13.44675	15.85618	16.66935	14.60077	9.770244	10.16286	17.39841	8.45839	14.74196	7.718356
CUST_2078_PI429010886	N11513	0.00163888	24	3	238480901	Bifunctional inhibitor/lipid-trans			1.64E-08	3975.62	2509.266	3120.055	3699.413	10035.81	8857.18	3172.092	6481.59	3250.257	2090.105	5197.224	5467.822	2751.324	4036.235	4919.057	1692.044	1124.051	1058.746	1665.146	6906.237	2244.174	3240.436	3819.978	3014.898	1680.655	7714.571	2637.871
CUST_41991_PI429010886	M59102	0.00164035	15	9						254.8611	335.3114	293.0253	275.5775	262.0968	220.4205	199.4867	278.9665	259.7345	306.9062	294.1356	308.4293	278.7033	277.2002	315.4675	289.3915	277.3007	289.2307	241.4097	266.4734	275.3403	406.766	317.8651	317.3105	336.6729	301.7541	426.4459
CUST_21360_PI429010886	N45078	0.00164035	15	9						28.23103	16.71925	40.082	17.85791	13.54422	15.48134	26.17884	23.87506	15.13397	78.45326	22.35516	57.44168	18.12496	16.15024	10.15208	18.55369	67.28242	27.74551	17.48796	11.69612	14.13668	21.2447	22.83576	18.92052	21.24736	79.64838	90.40607
CUST_45000_PI429010886	M67675	0.00164239	12	3						402.6495	389.8933	359.943	292.0008	408.1953	367.5711	337.4051	344.5549	372.1298	261.0327	283.224	275.7417	270.1829	376.9694	358.6508	385.121	445.4238	404.9858	262.525	208.3716	282.6016	284.9168	280.7963	318.4002	315.8311	323.2204	342.3913
CUST_32805_PI429010886	M5150	0.00164327	12	0						87.59003	70.09576	68.50963	44.09004	60.18029	41.38164	41.77489	46.2714	35.67153	64.06806	107.8221	61.84336	94.47843	51.25725	90.66543	59.45846	74.78378	51.98033	33.13955	78.24597	55.97582	73.4071	78.42276	69.92347	107.8333	88.69555	112.3711
CUST_20425_PI429010886	N43413	0.00164394	21	0						413.5169	477.4346	NA	137.7644	NA	197.4942	440.9544	798.8065	402.0757	15.02898	13.62868	4.475565	43.07828	397.9279	49.7839	404.3238	242.4377	113.9699	338.7418	780.7545	266.6798	NA	629.6411	NA	35.37225	534.9189	NA
CUST_33403_PI429010886	M6802	0.00164528	24	18						488.7695	312.4862	652.3046	421.7429	283.1538	148.3156	324.2431	215.7897	417.5037	320.8974	240.0325	173.1737	606.5345	349.9023	125.6161	319.3342	150.2981	274.2134	820.9036	750.0607	563.1838	495.3083	521.9217	477.4346	541.2118	328.7563	791.3506
CUST_6883_PI429010886	N20729	0.00164528	24	18	2660868	fast tropomyosin isoform [Homa			8.9E-109	75.43056	41.63464	71.78136	81.9432	74.59679	65.44741	73.36846	62.87718	64.82967	68.50963	61.89891	60.0766	72.63288	60.00388	64.56632	100.0738	93.90326	85.63473	156.338	118.4277	150.9904	89.09696	52.42496	72.42903	133.4287	94.34203	88.76092
CUST_32314_PI429010886	M3782	0.00164565	18	12	155966352	putative cuticle protein [Lepeop			1.17E-18	341.2447	348.2785	NA	48.03034	1393.878	1553.379	797.1924	2570.156	696.5086	NA	318.8359	316.9378	NA	212.7294	120.2238	67.19251	43.41687	13.16499	103.1208	249.49	74.55481	NA	931.8674	NA	NA	1545.477	NA
CUST_44234_PI429010886	M65341	0.00164943	24	6						6.101511	8.490098	NA	NA	7.500782	10.10472	NA	17.8935	6.777795	17.86876	11.12081	16.27254	6.385639	14.44897	9.944417	9.943813	4.210907	5.947537	NA	6.518824	4.864276	5.345768	6.618689	10.99576			
CUST_26842_PI429010886	N54973	0.00165070	18	9						58.36343	75.3401	71.5317	51.55397	85.37067	62.25886	90.14554	85.64416	88.30662	101.1175	69.45852	124.7762	86.74668	88.87721	86.43772	96.33044	70.73344	81.98831	63.92344	54.31927	69.34161	96.91497	82.0771	76.08583	82.66079	67.16357	93.88506
CUST_38180_PI429010886	M23948	0.00165603	24	12						12.78825	37.96148	20.59213	281.8768	32.40149	157.3269	191.7176	237.5415	229.393	28.56322	123.7963	19.30617	183.1082	300.6157	56.23453	107.0876	122.9378	226.0802	45.43179	57.29886	61.68952	13.36606	70.59518	95.02561	9.355486	9.858804	10.38475
CUST_51342_PI429010886	M93152	0.00165754	21	0						25.43349	30.69787	30.84044	27.16394	24.83681	18.09243	28.47101	16.75338	28.551	23.40815	17.20227	15.31897	20.92863	18.18231	13.4622	20.03269	28.48764	20.51331	34.72664	25.57119	19.20294	23.10946	38.13279	30.08709	22.8273	18.49152	29.98996
CUST_7394_PI429010886	N21477	0.00165782	15	0						92.87822	99.83532	110.2483	112.9762	80.9995	61.97033	105.9124	95.98627	100.0942	71.20264	65.34281	78.94493	93.34171	94.80138	88.17603	108.5389	107.7528	127.2771	85.53397	80.1827	105.3536	80.05281	94.3568	107.3228	73.39156	69.22757	88.72914
CUST_1324_PI429010886	N9290	0.00165863	15	6	321455804	hypothetical protein DAPPUDRA	Metabolic process	Nucleobase-containing compound meta	8.14E-60	55.8305	105.6867	97.11689	81.24878	122.6496	88.07773	119.807	141.0311	134.125	85.73084	79.35979	90.65467	117.4337	87.29007	116.9474	77.79664	86.04303	88.59515	101.2701	116.5476	107.4986	115.7715	122.1215	124.0832	99.22393	89.05929	98.93161
CUST_37921_PI429010886	M22249	0.00165926	24	15			Protein metabolism	Ribosome biogenesis		349.1007	715.2101	437.1787	367.6429	388.382	343.906	678.0803	646.1155	469.5128	492.5086	356.871	431.1432	483.6608	507.073	480.2531	568.2556	616.7748	786.6307	451.2333	715.4355	716.6417	411.6604	545.1995	532.8364	416.251	489.2868	524.517
CUST_244_PI429010886	N2985	0.00165926	24	15						713.6664	1054.885	704.6212	893.2381	554.8747	730.5469	905.0625	934.3693	784.1859	1083.233	635.7483	744.5255	1049.395	948.407	636.1587	1181.431	1452.249	1212.98	1361.853	948.7571	793.634	919.9655	969.0998	823.5364	898.3377	774.2411	873.2461
CUST_28585_PI429010886	N58241	0.00165926	24	3						126.712	14.89459	112.1403	95.44831	134.9488	128.1975	38.36376	27.3201	39.26035	80.64549	111.007	106.2768	78.64253	67.71277	106.5192	30.81966	15.20248	29.25965	38.32469	32.43638	43.33538	65.53387	75.82447	80.87979	57.67493	45.63539	88.36719
CUST_12117_PI429010886	N28956	0.0016608	12	9						71.5317	54.55547	46.52866	58.41936	49.54311	54.21756	50.41173	58.6281	66.0686	79.02299	102.5315	110.2215	62.94384	49.82997	92.7356	53.78431	52.13265	60.41841	81.58851	50.98258	67.41761	83.61292	61.73575	85.98865	77.33923	55.56698	77.96514
CUST_38006_PI429010886	M22744	0.00166294	24	21	157420220	Penaeus monodon Ubc protein			3.47E-114	3371.075	4490.88	4177.108	3431.358	2818.904	3356.595	2911.669	4173.107	2973.957	2779.473	2676.834	3393.901	3079.233	3929.52	3426.429	3731.866	5265.552	4761.143	3286.945	4880.699	4339.098	3437.158	4378.72	4733.525	3995.862	3660.946	4432.869
CUST_45365_PI429010886	M68857	0.00166331	24	15						77.24207	57.11305	67.01094	74.6809	34.19123	40.36067	48.66684	149.769	84.61068	109.1508	76.02418	13.53357	93.29743	49.25556	62.25184	264.9858	96.76253	216.3545	112.0615	148.107	223.2399	105.3095	NA	61.46387	97.72445	18.56115	52.71315
CUST_13466_PI429010886	N31238	0.00166278	21	15						146.3771	157.8028	111.3237	88.24057	78.39296	91.93441	135.3294	105.5804	127.8235	123.4012	105.0583	172.3438	100.1686	113.4137	115.984	136.4438	144.5227	160.5173	124.0485	123.9222	123.354	129.29	145.1769	135.9752	99.44651	93.68896	106.7562
CUST_1404_PI429010886	N9534	0.00167518	15	6	91082977	PREDICTED: similar to sugar tran	Transport	Transmembrane transport	8.26E-12	105.5425	233.6818	308.6874	157.2166	146.129	198.2176	140.6285	216.6807	321.03	130.7958	265.8681	101.6014	98.33769	74.81691	97.83763	123.7628	133.2817	136.2198	103.8305	171.6067	151.9667	207.5176	243.543	183.6198	222.505	133.4611	201.0489
CUST_54301_PI429010886	M105482	0.00167127	12	0						15.49793	33.19205	20.76789	4.822966	NA	11.85089	13.35744	8.218417	12.43008	NA	38.66936	14.36072	NA	30.54385	11.13904	6.770096	8.730045	3.527432	6.398545	10.14167	5.278973	8.669674	36.10172	23.96408	10.06105	28.90075	32.06918
CUST_4580_PI429010886	N17074	0.00167361	24	15						10.28025	8.168708	8.106954	15.97824	12.301	14.4297	19.71996	9.457347	6.455238	19.90788	7.940901	NA	13.24351	12.0284	12.31377	25.57409	18.75458	20.43485	14.05708	15.29443	11.78126	18.56513	12.43497	12.20395	11.39786	10.05212	11.14869
CUST_32126_PI429010886	M4334	0.00167629	18	9	321471368	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	1.08E-28	151.8995	193.0588	157.985	257.4383	233.0433	292.8189	281.1928	174.5908	191.0479	276.9819	323.865	283.4149	302.345	244.266	234.8735	214.8209	259.7699	240.3597	192.1006	187.7082	198.6242	268.4876	286.8701	267.4367	194.9048	233.6042	195.9869
CUST_13011_PI429010886	N30435	0.00167629	18	15						55.28754	104.0463	75.63115	67.73599	73.60215	72.02191	79.68621	81.5975	72.73375	70.88457	99.10109	84.51406	75.58915	85.3597	78.67787	92.5425	108.9478	96.04821	77.03004	80.09649	77.17435	50.95275	70.42129	79.16248	66.97219	85.90563	70.23956
CUST_36841_PI429010886	M17005	0.00167946	12	9						31.78394	25.69634	35.70711	70.68343	12.70197	30.62439	46.16801	25.07913	34.52717	37.86516	101.8646	31.40066	95.88853	26.70103	55.53662	18.22518	18.47851	18.96294	31.6335	53.10397	62.57277	78.80045	306.7294	269.4056	32.22585	34.45662	63.50827
CUST_53459_PI429010886	M101794	0.00167964	24	3	54042615	arthrodial cuticle protein AMP6.			1.57E-12	10815.88	4517.506	9937.479	14032.06	16981.94	15045.33	3798.572	3832.521	3187.955	13419.52	14885.24	13098.74	13716.26	8086.369	11503.97	2116.149	2978.418	3052.051	2891.912	5966.983	4118.017	14956.1	8984.262	12021.42	4536.055	8669.063	8846.332
CUST_55709_PI429010886	M111387	0.00167964	24	15						5671.62	7327.614	6393.352	5807.4	3688.899	4461.089	6343.146	6500.649	7937.877	8107.941	4190.519	5233.042	6906.237	4740.787	5435.742	10448.35	8204.372	8736.825	8658.641	6988.188	8565.196	6752.376	6551.409	7007.731	8269.17	6710.162	8644.801
CUST_36243_PI429010886	M15143	0.00167964	24	15						79.90962	74.46237	69.67842	49.07329	27.51681	44.11057	93.3634	79.5268	87.45577	106.8423	40.03196	58.82712	81.75003	50.08183	55.89295	152.3312	99.23862	134.4124	96.58233	61.96517	89.91214	63.77213	42.69638	87.24349	85.1599	55.41495	77.67929
CUST_8958_PI429010886	N23854	0.00167964	24	15	291411894	PREDICTED: Oryctolagus cunicul			6.15E-52	548.4345	579.5063	502.9461	435.1623	385.3052	446.7799	581.9588	593.3017	512.9523	522.4996	404.2408	700.5788	475.8315	518.9718	504.3232	691.4224	734.4362	628.1097	548.5685	517.7643	598.7661	444.5929	570.1346	503.1242	479.4997	528.4781	534.9189
CUST_12327_PI429010886	N29291	0.00167964	24	15						513.9521	985.8154	707.937	540.0952	617.1935	574.9115	659.7683	766.0458	779.846	635.3318	732.552	610.6881	659.9573	626.8237	685.082	881.258	1118.139	1193.156	707.6592	770.1221	798.2619	527.455	782.9344	716.6417	617.6234	684.4289	710.1661
CUST_29880_PI429010886	N60743	0.00167964	24	15						90.62398	142.126	96.25473	130.7958	106.6278	112.3953	142.6458	173.4784	159.645	125.4627	142.2741	91.27426	132.7314	132.7723	135.4737	203.5459	186.5755	162.844	151.0875	128.0875	158.0297	146.8681	146.1149	132.0176	124.4273	144.345	123.0947
CUST_21919_PI429010886	N46096	0.00168062	15	3						20.89958	26.62387	22.11624	27.28807	37.49445	23.71399	8.991143	28.7875	20.74399	14.88982	23.09515	25.47189	17.87188	17.82881	17.66056	22.97146	22.35906	15.68096	33.45613	33.63623	25.23652	17.48581	28.23406	25.85237	16.9478	23.3163	22.23439
CUST_38786_PI429010886	M30347	0.00168164	24	18						575.4805	655.6894	326.6921	386.7231	304.2261	288.4188	454.9515	315.6961	351.6631	350.7074	260.0376	289.3393	360.5101	306.5038	247.6161	3724.515	3222.8	351.7434	507.6273	1398.823	400.7915	380.6302	568.8248	583.1603	486.4482	523.4696	368.2385
CUST_39926_PI429010886	M46877	0.00168596	18	6						75.77051	257.3491	92.46133	348.6137	186.13	286.6404	174.3634	458.2399	317.2644	244.7879	270.0299	225.5195	50.72013	167.4144	84.80017	148.0265	278.6422	125.7971	306.6661	210.1903	165.7121	132.304	209.5934	134.6275	350.3187	320.4829	388.382
CUST_5041_PI429010886	N18186	0.00168758	24	18			Cellular Process	Cell cycle		374.9091	563.1838	459.4079	323.1624	432.7554	359.7575	389.2749	557.8175	610.1834	346.8977	337.1412	310.357	514.9905	398.2963	385.121	419.6327	537.4657	474.9425	516.0491	693.5896	659.0035	392.057	603.3505	490.077	372.873	412.3443	631.8697
CUST_28613_PI429010886	N58293	0.00189987	15	0						147.3924	131.3179	135.6132	178.863	120.5852	118.4588	90.44348	97.22863	109.5906	139.0252	93.83228	108.6527	166.6346	88.91387	110.2215	208.7171	182.2404	183.1326	126.3449	134.6107	100.9966	97.39106	85.73084	144.0796	134.9139	79.13617	111.371
CUST_33073_PI429010886	M5901	0.00169161	15	6	256033192	triacylglycerol lipase [Litopenaeu			1.27E-90	8.1002	7.629488	7.994051	19.53602	38.5634	10.38947	51.93946	NA	54.02691	14.21176	9.542112	8.924839	4.903455	16.86908	13.96239	12.26439	4.810747	9.289439	116.3995	281.628	463.8737	37.28248	NA	30.86801	73.32545	16.99422	47.64318
CUST_40331_PI429010886	M53429	0.00169455	24	3						761.2972	332.5879	576.5249	1325.867	1856.844	1497.856	159.8296	496.4508	168.7741	375.1194	856.5689	1086.19	249.4703	917.9436	968.7241	337.2795	1704.8429	1287.9	1266.9

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_12491_PI429010886	N29552	0.001765334	18	3						38.12224	30.12082	34.76331	38.38502	38.15601	35.98686	31.20826	34.37139	33.40167	29.71551	22.27865	26.88508	42.5735	36.11568	32.23946	31.43843	28.25337	21.88142	21.68674	25.89322	35.06662	49.84575	38.12957	37.92065	44.39683	33.77215	36.67874
CUST_17333_PI429010886	N37791	0.001769103	21	15	242011892	conserved hypothetical protein	Cellular Process	Cell adhesion	4.14E-45	13.03491	23.32054	18.87533	20.84673	26.74553	40.41914	34.74153	18.2969	20.55824	38.79677	35.17993	22.78318	36.20611	31.04302	35.76914	52.67255	40.59839	39.41457	23.1743	11.34074	27.77264	22.4723	20.26569	19.56731	23.03013	35.92906	12.93352
CUST_33191_PI429010886	M6229	0.001773249	15	3						355.7553	1335.995	689.3323	890.9879	1155.365	855.307	679.9519	679.9519	856.5689	633.8464	565.0242	537.5716	678.5721	350.791	691.8963	1228.932	1068.554	982.8111	1021.527	959.3506	1463.189	1028.452	811.3473	1139.817	641.3942	438.6999	845.9441
CUST_8955_PI429010886	N23850	0.001773322	24	15	291234007	PREDICTED: H1 histone family, n	Cellular component orga	Chromosome organization	6.56E-21	863.5664	973.9492	921.0975	844.8862	914.3598	609.2645	620.2559	802.1705	663.8187	1082.092	752.0705	1011.588	796.2861	568.6219	799.3476	1059.777	1224.109	1225.455	1080.06	1044.09	1034.116	966.0248	1041.115	1141.401	1412.179	925.0688	1507.382
CUST_48977_PI429010886	M83306	0.001775108	21	12						12.77277	10.17169	6.952262	8.831604	NA		10.68598	13.22574	10.22494	4.924109	15.5351	15.70678	10.98177	15.4529	NA		13.76968	14.58324	4.314333	9.231247	7.203709	5.086765	6.444484	7.322474	3.90781	6.302453	9.99914	11.27323	10.7519
CUST_23285_PI429010886	N48567	0.001776834	24	15						43.38217	44.79025	47.92699	41.1635		32.88066	40.24112	37.10697	55.11106	38.42576	39.93436	38.7574	48.87241	43.78502	47.28223	56.4602	71.61601	56.57986	58.75296	48.78475	46.00851	41.50033	75.16291	50.86361	67.78024	58.19693	42.45638	58.0985
CUST_12455_PI429010886	N29486	0.001783453	24	15	321469647	hypothetical protein DAPPUDRA			1.81E-13	39.17239	90.14554	91.27426	45.96577	39.17612	30.5034	127.4702	90.00835	126.0374	126.1425	41.79921	87.48976	106.9545	51.39126	46.18377	173.259	152.4151	182.702	127.8074	80.89811	135.258	95.16242	62.00499	107.6466	141.898	99.46029	126.4021
CUST_45455_PI429010886	M69167	0.001784247	15	0	444708250	Canalicular multispecific organic	Transport	Other	5.84E-23	15.59668	16.80772	18.44595	13.1174	12.69014	9.869484	4.770671	10.17265	10.22494	6.78575	19.23397	6.974516	22.8581	11.00412	17.02795	15.78373	19.68126	16.70465	18.40393	12.34813	19.04208	8.027278	5.310051	12.54285	14.9436	NA	15.6646
CUST_46051_PI429010886	M71199	0.001788261	18	15						27.2697	23.47009	28.62655	26.6049	23.19056	17.96345	31.03564	22.64182	27.60747	25.98049	28.16647	36.80764	30.45754	28.71526	24.58018	36.16824	33.17685	31.68069	36.48955	17.20391	32.67736	13.2682	19.72255	21.83479	35.16853	14.40631	30.22406
CUST_3829_PI429010886	N15360	0.001788429	15	3						255.866	33.97881	379.0965	564.2041	553.5806	275.386	53.33381	386.2259	363.9263	210.1175	115.1318	171.3397	55.19896	201.8328	22.32831	31.13164	225.1246	189.5806	284.3354	245.6327	459.9674	297.492	128.2877	74.86678	104.6784	10.88798	81.33153
CUST_7274_PI429010886	N21303	0.001794376	21	15						17.04641	21.87979	11.1169	20.2236	15.36995	23.89577	21.82087	33.19846	20.47903	25.48121	27.10746	20.74174	24.45655	26.97533	33.79023	40.1121	31.30301	34.36788	20.44056	8.474912	18.3768	26.0759	12.3846	20.12578	24.6974	28.51548	18.54162
CUST_34893_PI429010886	M11006	0.001804191	24	15	225719214	Longitudinals lacking protein-like			6.52E-15	78.81902	98.08719	57.98766	72.5147	57.81074	78.06756	111.2714	88.51224	96.13685	123.9057	59.66359	102.0603	107.7085	77.99973	86.23628	142.2314	111.6045	137.6386	136.6003	74.28032	94.98744	109.6493	83.87393	110.0556	124.0944	83.34871	94.50451
CUST_37394_PI429010886	M18892	0.001804191	24	15			Developmental process	Multicellular organismal development		1694.196	2873.993	1758.225	1470.868	1657.457	1665.146	2485.974	2284.471	2195.531	2030.062	1551.452	1684.207	1751.317	1827.788	1742.558	2775.294	2708.146	2978.418	2180.402	2211.381	2427.484	1603.304	2208.268	1993.835	2070.818	2050.749	2058.438
CUST_32090_PI429010886	M3208	0.001804191	24	15	193575575	PREDICTED: heterogeneous nucl			6.49E-36	1323.872	2818.904	1483.632	1252.458	879.8906	978.9259	2157.924	1886.448	1758.225	2035.999	1116.506	784.8506	1573.941	1180.964	1393.878	2696.535	2711.745	3281.159	1808.449	1695.833	2409.846	1296.827	1524.311	1570.104	1763.47	1419.346	1659.781
CUST_39818_PI429010886	M45131	0.001804191	24	6						654.9488	599.6889	667.2339	507.3489	661.6594	588.9309	553.5806	869.9307	1154.406	410.4537	433.8311	390.3118	344.9779	391.8616	297.4214	341.4287	801.9356	387.249	155.4749	415.6373	254.9746	234.2298	421.5919	188.9335	207.2734	354.2621	275.9079
CUST_45716_PI429010886	M70031	0.001804191	24	3	9186884	BCS-1 [Amphibalanus amphitrite			5.1E-19	433.2807	102.4924	420.3226	528.895	2971.539	2404.745	111.4813	227.7173	150.4473	123.988	122.4109	1398.059	205.6925	1335.17	1492.942	61.78991	52.10354	42.88959	196.6122	322.8914	130.7693	148.1939	264.0732	113.098	161.1455	384.3395	220.9943
CUST_56362_PI429010886	M113599	0.001806607	18	3						14.96631	10.05113	25.79038	31.64405	20.04802	33.26748	13.78443	15.60667	10.04481	30.49532	34.04257	16.06582	18.29498	7.23313	9.442403	15.26493	NA		13.24735	18.55514	14.45802	17.68077	42.76898	32.29945	51.93257	24.40659	16.07632	34.17741
CUST_25765_PI429010886	N53017	0.00181605	24	9						379.037	59.87629	319.3342	370.7223	343.0574	410.9137	89.16012	75.39478	75.28314	196.5838	502.9461	613.7905	326.9964	204.8848	342.4681	93.11317	87.79232	85.22534	47.61057	56.11745	71.88037	270.1339	127.4216	296.3076	53.62536	75.264	113.1748
CUST_40650_PI429010886	M55743	0.001816521	24	0	195436302	GK22112 [Drosophila willistoni]	Transport	Carbohydrate transport	2.76E-15	505.8465	790.4581	612.2115	500.5747	520.31	543.8441	507.7884	615.6951	832.894	522.0737	435.391	496.9611	447.6336	314.5854	489.5895	383.67	173.3126	377.0504	516.3556	491.9043	784.4035	512.9523	561.6697	639.2868	844.6913	324.3641	675.2885
CUST_2020_PI429010886	N11342	0.001816521	24	15						477.1875	1026.123	535.748	2340.704	4.81828	1886.448	839.0592	751.8458	636.1587	1685.048	407.0205	536.9014	1793.169	967.7143	1074.53	7937.877	5777.198	5271.495	2310.632	1428.28	2487.704	610.6881	1479.335	686.1628	497.1127	1331.886	204.8443
CUST_43479_PI429010886	M63155	0.001820298	12	9						5.526054	NA	8.870244	5.451604	NA	5.06766	15.56129	20.57977	6.617801	29.89832	29.43236	27.16164	13.6668	NA		9.745235	13.03847	3.648485	4.44158	15.71789	8.702496	16.06042	22.79876	NA		13.21612	14.6246	5.135432	28.63477
CUST_33739_PI429010886	M7755	0.001820534	21	0						376.0943	335.8125	NA	119.4775	6.747508	109.3613	298.5479	270.7536	244.266	7.562913	6.381994	NA		16.51673	232.4494	14.46435	176.7718	112.0316	91.34986	229.393	258.7813	163.2927	NA		335.8993	NA		11.59098	206.4922	NA	
CUST_54148_PI429010886	M104807	0.001824929	24	3	321472482	hypothetical protein DAPPUDRA	Response to stress	Response to oxidative stress	4.97E-43	318.1116	25.62254	138.3312	402.0757	357.4621	367.9854	30.42641	32.71218	25.92125	240.1565	221.4635	216.4739	173.7818	292.0008	244.6301	10.59744	18.6092	5.379272	36.66952	57.33149	30.49064	191.21	81.19478	120.4953	33.55937	62.38008	65.92209
CUST_51962_PI429010886	M95840	0.001824929	24	15						6500.649	13481.03	9285.648	6885.506	6226.747	6125.57	10987.48	13419.52	11695.66	8698.04	7950.355	6461.658	8698.04	7632.364	6929.595	14828.55	17287.24	14580.94	10142.18	10626.1	10532.72	7653.847	10178.51	7886.969	8984.262	10485.81	9410.039
CUST_54778_PI429010886	M107637	0.001830097	24	15	343183153	myosin heavy chain type a [Man			3.94E-49	14.44307	3.911615	13.41756	9.965241	7.17884	23.01448	17.7035	13.32474	21.43051	32.16999	21.02758	9.239178	23.76684	21.64409	10.63475	44.88978	27.02687	25.59017	24.47696	41.80345	25.66233	32.51998	19.60329	20.23015	39.75997	12.51777	17.75202
CUST_29085_PI429010886	N59171	0.001830097	24	15	321462004	hypothetical protein DAPPUDRA			1.1E-13	55.47226	74.54603	64.0447	42.05841	18.42634	26.76257	77.21485	63.27624	61.65559	59.83108	21.06519	35.54628	105.4902	66.31625	48.38102	69.92347	120.1351	112.6387	112.5245	83.82183	97.84796	59.16434	52.78692	45.09415	75.23071	79.35979	93.65434
CUST_45132_PI429010886	M68092	0.001831523	15	12						37.11143	47.88919	63.6314	16.44342	26.85004	9.559713	41.23754	50.08183	63.54768	32.49678	40.50707	53.28017	99.57709	62.53388	57.67493	23.70635	59.21121	41.06867	23.2872	47.22395	28.79283	20.72897	59.58718	36.23977	27.09506	76.02418	67.35825
CUST_3730_PI429010886	N15147	0.001835462	24	0						41.13599	31.44937	38.74481	32.49411	31.22074	33.72382	27.02166	30.70816	30.73939	31.55396	29.51805	26.39253	18.39609	28.77495	21.83061	26.18926	23.97557	28.10987	45.90556	30.64441	25.41015	37.10235	20.51167	29.88935	26.0733	32.26704	35.78012
CUST_5847_PI429010886	N19287	0.001838399	24	18	260791035	hypothetical protein BRAFLDRAFT	Metabolic process	Cellular amino acid metabolic process	8.2E-125	112.9084	162.1178	150.2055	127.1242	111.5887	86.89375	135.9051	152.5742	146.3133	127.0615	104.7711	113.7405	132.3168	121.5849	110.4898	150.073	200.7173	192.4063	165.4279	170.9048	193.8538	164.5342	145.8669	135.9219	166.0466	142.1948	157.4324
CUST_53116_PI429010886	M100256	0.001845666	24	3						5756.98	123.018	5420.715	6448.141	9643.272	9490.363	141.2055	711.8674	107.696	677.2359	6506.137	8348.895	584.3107	8605.765	5284.133	92.12733	110.2026	90.32894	192.8532	781.2177	157.1577	776.4904	317.4305	559.9215	192.6657	1024.829	264.6223
CUST_20216_PI429010886	N43035	0.001858781	24	18						81.61482	25.36487	101.0339	147.2139	92.95971	20.91286	106.529	86.69353	171.0708	38.29909	71.79771	33.36729	394.8687	109.5906	223.6663	82.54449	34.19123	86.87274	262.04	815.7902	959.7319	486.8888	400.4361	563.6439	274.2662	258.5192	583.1603
CUST_48038_PI429010886	M78623	0.001860019	15	9						35.62951	NA	34.32863	28.95548	NA	5.612247	55.88006	25.34518	55.04149	54.05823	64.39267	52.21052	21.51378	7.335668	18.81696	16.46484	14.24832	14.0796	44.38354	14.80397	37.3089	42.2303	17.37771	35.85739	47.53117	39.02642	93.57741
CUST_37829_PI429010886	M21791	0.001863896	12	6						4.57166	NA	NA	18.17381	NA	16.28228	301.3368	NA	239.7136	51.59532	39.56727	NA		11.89453	6.833148	11.49825	63.76387	NA		57.39735	480.3553	957.7854	2188.815	111.0263	NA		97.8113	185.5629	27.78158	181.8118
CUST_15180_PI429010886	N34141	0.001864252	18	9						243.494	56.78277	254.0305	325.7976	323.3549	201.9179	1420.628	857.1902	1037.05	1904.856	1129.142	488.5919	1111.944	769.5468	232.9522	369.9026	1361.853	899.9958	193.0074	439.5135	208.6051	487.1319	538.9124	523.3495	432.7554	40.97117	424.6765
CUST_11942_PI429010886	N28667	0.001865458	24	12						17.89315	16.84207	19.20294	65.12931	21.94563	NA	27.78158	7.786617	11.20074	37.02719	17.70936	24.54259	52.78141	33.27509	14.96815	11.4029	31.4461	30.81727	22.59215	11.55398	9.921498	10.88798	15.18694	8.525673	21.9811	17.07151	15.67895
CUST_43478_PI429010886	N63153	0.001866638	24	3						100.9815	71.89101	129.7428	268.6876	419.6327	462.531	33.06158	134.0991	86.51281	137.6019	445.0179	369.756	51.05011	239.2427	255.6336	6.190304	59.51158	14.73727	2.793113	137.7481	68.37633	130.5494	162.4591	180.3689	101.0146	404.9858	267.7885
CUST_35682_PI429010886	M13225	0.001866404	24	3						624.4152	170.4605	744.1912	530.9393	995.515	925.4144	137.3189	204.1816	186.4449	184.3599	722.545	474.3448	216.7919	645.2626	768.2904	105.746	116.9474	112.8276	154.3971	266.1014	162.5035	338.6752	194.2665	333.1336	167.5116	245.1417	221.8856
CUST_30873_PI429010886	M70	0.001866404	24	15						247.8796	302.9304	244.2151	211.3776	205.1648	183.3329	281.4085	253.0362	272.7395	280.0915	252.3498	211.9713	228.8193	210.7737	232.3662	316.081	359.0835	370.0497	276.0279	249.0225	268.8247	255.6336	251.3401	264.7345	272.9604	250.5828	262.806
CUST_15103_PI429010886	N34016	0.001870527	21	3						284.6794	244.9453	602.8578	716.3366	641.6007	NA	221.3068	180.9657	467.8312	24.05806	82.02164	16.76557	598.4778	363.084	42.0926	48.46739	79.43494	87.11871	882.5044	617.3702	466.9715	237.3958	503.9395	480.3553	566.6051	433.6142	948.7571
CUST_13685_PI429010886	N31590	0.001875528	21	12						8.62661	10.37881	9.725094	14.19023	11.28749	14.04039	5.29504	14.49503	NA	NA	9.228702	16.32398	58.90806	14.23509	30.08709	9.303503	6.557583	4.476541	NA		5.713125	4.092338	NA	NA		9.856067	NA	13.24735	NA	
CUST_4143_PI429010886	N16102	0.001878257	24	3						36.79436	21.49936	43.98997	71.83398	126.9272	144.3231	25.61949	45.31246	29.38788	30.40311	122.1364	110.8779	39.95456	50.06206	67.93128	7.625156	15.72542	16.84945	11.90435	29.00837	17.92495	22.12314	34.00804	24.6637	13.42167	47.8851	15.18461
CUST_21916_PI429010886	N46093	0.001881604	15	12						11.68939	19.85199	15.96858	6.839885	12.51386	8.330941	8.843446	8.917284	9.279573	25.01801	12.61565	20.06249	23.37894	15.48991	26.27801	19.51476	4.789351	12.53267	16.76975	10.79815	4.714407	25.67685	17.24019	13.02032	18.96208	18.99164	34.48071
CUST_12013_PI429010886	N28776	0.001902745	12	0						167.9984	215.7105	249.7255	158.418	174.3818	150.8682	171.2911	176.6544	180.5627	193.6659	198.4672	173.9585	211.695	177.9861	176.6026	185.9639	182.4721	165.4408	177.7613	150.7719	170.8363	186.2275	193.4888	190.289	199.1806	199.421	213.5563
CUST_1678_PI429010886	N10417	0.001902893	18	15			Transport	Protein transport		190.0624	286.745	210.1567	191.2458	183.4751	211.9713	231.4946	226.7781	207.0168	231.3331	236.8696	200.83	204.9812	273.7185	259.2192	301.0722	332.8862	335.2209	181.5802	185.9023	237.8915	162.6721	222.2239	209.1753	254.9746	242.7465	209.5586
CUST_13994_PI429010886	N32142	0.001909343	24	18	290462133	tRNA 2-thiocytidine biosynthesis	Metabolic process	Other	1.81E-26	31.51584	49.87102	59.3284	38.36376	28.30304	36.44629	29.64873	43.53777	41.12558	40.53493	41.77489	44.69809	43.86651	34.00804	45.5523	46.43451	55.90731	56.98746	41.88562	49.4079	57.39735	31.36138	50.33808	47.82733	45.01222	30.80841	41.70713
CUST_30985_PI429010886	M382	0.001909447	15	0						36.11092	114.7628	84.53983	54.77517	68.4765	68.87137	70.15908	65.27026	56.3623	64.53182	63.93775	58.7415	60.95576	55.22716	61.71621	98.33679	97.11689	101.572	90.64448	98.03098	81.24878	50.41173	70.41437	59.46532	53.18236	52.35235	48.02557
CUST_20264_PI429010886	N43124	0.001910496	21	0	39036294	PREDICTED: zinc finger protein 8			4.25E-35	138.0005	147.9838	158.1573	128.6628	120.0145	97.12878	127.1242	112.7999	81.22064	147.7301	88.81146	109.8412	135.0204	116.4848	78.75209	112.7891	149.3939	126.0081	146.8442	144.7014	119.3614	170.4291	154.5211	129.9594	168.8433	119.8645	146.3365	
CUST_12424_PI429010886	N29439	0.001911922	12	3						20.44483	8.267617	6.16087	14.18835	28.5989	12.08147	3.687656	9.133693	NA	NA	10.50491	3.351724	9.568695	11.03688	4.037804	34.44933	20.24196	11.24321	15.76131	10.782	10.57446	6.441192	7.019216	NA		8.293234	5.438256	
CUST_52361_PI429010886	M97196	0.001914997	15	3						20.31479	17.00074	22.95059	28.61945	32.3057	27.2823	21.48468	26.47689	25.76565	15.62171	11.14343	11.11102	18.6455	16.95396	9.572414	18.82499	32.2766	19.02154	22.0686	38.46934	26.79339	26.25684	26.15603	11.91014	30.57991	16.67597	34.48922
CUST_6780_PI429010886	N20590	0.001919969	21	0	405970761	Phosphotriesterase-related prot	Metabolic process	Other	6.43E-102	287.8256	471.8286	501.1967	204.4688	278.9665	240.9301	181.8521	243.2848	198.6494	221.0978	245.9409	210.2979	184.7904	228.7039	379.158	258.5627	337.1412	233.9614	215.8169	333.9088	244.9453	414.7402	263.1307	348.5318	267.6326	261.4619
CUST_18308_PI429010886	N39547	0.001920741	21	0						224.6222	236.7186	312.2924	204.0717	196.9337	253.0362	119.272	195.9057	198.257	123.1603	256.9518	126.4571	176.3724	139.755	202.7406	153.5706	157.0354	148.4438	114.5807	197.0166	184.8821	251.0873	244.6993	287.0864	184.7904	162.3844	232.5186	
CUST_34310_PI429010886	M9257	0.001923527	24	21						126.2117	65.49056	141.352	93.61951	72.86661	84.2744	53.50827	61.55774	84.98418	98.28823	94.63322	90.08144	152.3548	61.86512	109.4578	5.990323	163.8654	88.71924	115.0832	109.8522	145.4467	52.18128	137.7644	137.1127	104.8696	106.4281	
CUST_54248_PI429010886	M105283	0.001923292	15	9						7.12908	14.59005	12.64397	6.331516	NA	7.490317	8.428222	6.869765	7.807697	15.72841	16.28066	23.02109	7.073354	15.97824	14.09744	11.78126	14.33104	12.61861	4.300968	13.10546	10.38036	17.40415	12.98636	12.86584	16.6387	21.19056	11.86355	
CUST_19037_PI429010886	N40874	0.001923599	12	0						60.77123	82.81475	56.39944	37.48759	205.0181	99.4113	16.76758	29.72388	28.33805	38.00971	121.8684	152.8269	46.23699	155.885	198.9717	31.98442	39.35132	25.85738	14.47219	27.39273	24.43421	28.36418	32.48061	41.19655	25.88702	43.83834	49.43562
CUST_38892_PI429010886	M31700	0.001925819	18	3	121484199	cuticle protein CUT8 [Portunus p			4.89E-21	3264.51	1013.387	24426.06	61365.17	44511.54	41865.42	3004.305	6292.839	7122.178	29725.44	69931.06	34286.52	36724.45	28943.19	39389.41	694.9037	758.1822	613.1951	8683.686	9041.082	12424.28	39875.67	40595.56	44511.54	1283.66	26491.1	29520.35
CUST_47897_PI429010886	M78084	0.001925819	18	15						340.4211	512.7881	431.346	274.6613	372.873	332.484	505.6819	474.5724	429.5829	455.7266	293.3331	356.7674	361.6608	420.6276	422.7276	713.4537	638.3206	647.0623	407.1156	394.5922	433.0002	394.4626	338.3895	346.1837	548.1274	378.4533	417.5037
CUST_14136_PI429010886	N32379	0.001925819	18	9						10.03476	17.1543	20.63272	13.45294	22.24082	19.77172	20.84466	15.33068	21.40258	35.40359	32.2766	29.03664	18.51735	18.39269	18.3141	19.83069	20.67803	16.61873	14.34289	17.57258	9.841307	34.80724	20.97645	19.51852	23.85156	29.24359	16.03034
CUST_25600_PI429010886	N52718	0.001925819	18	3						7832.882	140.8769	8378.475	14218.13	13988.25	13248.98	881.5382	1548.998	2564.444	10987.48	21922.49	9067.463	15297.04	9013.443	10641.47	104.1325	58.30071	187.5258	2942.677	3636.712	3859.53	13532.16	15141.22	15102.78	2820.736	10966.45	12165.66
CUST_36622_PI429010886	M16375	0.001927502	21	3	383862409	PREDICTED: uncharacterized pro			1.8E-16	8.705867	7.792211	9.629964	14.68671	26.40704	15.77596	5.127027	8.262222	4.348615	3.669692	10.29995	10.25099	8.102905	10.74336	9.917631	5.743745	5.154544	6.891795	6.040983	8.76542	9.550476	NA		9.934505	11.56152	10.42021	10.14167	NA	
CUST_29065_PI429010886	N59137	0.001928306	21	9						37.31972	4.510613	26.0242	55.76126	204.8848	103.8983	24.40844	62.54833	53.70551	NA	191.1071	221.2615	18.04496	285.6824	358.8543	3.570664	4.280652	13.81248	10.05496	11.48896	8.567205	23.90534	15.62519	27.7211	4.885026	22.39225	11.01286	
CUST_20370_PI429010886	N43324	0.001928861	21	18						168.1289	31.08176	106.8649	74.58857	23.64075	53.00589	15.35763	19.57461	5.150194	41.08386	43.03704	36.05612	163.5388	17.59796	82.30731	43.53457	5.778815	32.18818	138.5964	138.3677	78.29555	48.96189	94.96672	19.3019	14.11506	40.46451	38.54735
CUST_27001_PI429010886	N55260	0.001930343	18	12						19.04623	7.595815	14.24675	23.34465	36.44966	21.55177	15.63496	6.709355	5.425939	13.61765	13.42773	9.685449	28.8864	45.0895	20.00187	25.83296	20.94045	26.57189	7.257747	12.6121	12.03366	10.00814	18.81329	6.841078	4.010793	9.096904	7.161558	
CUST_1505_PI429010886	N9851	0.001934704	12	9						26.18388	15.28431	45.33911	59.09232	NA	33.11578	25.6877	154.1096	200.6093	273.2919	161.1455	231.134	19.37891	154.1589	17.9285	25.89856	13.35388	9.928002	105.285	7.403761	92.2128	151.5229	344.0033	471.0794	3.921944	11.60929	NA	
CUST_7158_PI429010886	N21123	0.001935419	24	21	345484364	PREDICTED: DNA-directed RNA p	Nucleic acid metabolism	Transcription, DNA-dependent	5.43E-20	56.18757	62.82646	58.27052	58.02727	48.28205	40.35274	49.08263	52.96326	67.82594	56.36738	40.88884	49.68059	55.31238	37.93177	65.64875	65.57565	61.69489	67.49593	67.7438	63.05176	73.06306	75.3636	59.797	79.02299	64.11411	54.53262	72.22265	
CUST_39038_PI429010886	M33021	0.001936341	21	15	528314838	ubiquitin [Schizosaccharomyces	Metabolic process	Oxidation-reduction process	1.77E-22	52.35235	32.00302	59.29331	72.93884	63.05696	52.09654	29.8647	49.28164	48.96667	49.03029	48.23305	54.2724	52.35798	56.11275	62.86145	83.23637	63.01324	76.77599	54.49956	78.86032	62.71091	58.72446	51.44911	49.75454	58.06923	46.67221	55.69808	
CUST_43119_PI429010886	M62112	0.001937645	24	3	402470219	hypothetical protein EDEG_0121			0.000000475	44.50237	NA	36.44264	51.60135	29.33753	25.28496	13.3283	7.401064	NA	18.17588	16.00633	26.9514	13.41897	16.19041	14.66707	5.803119	4.399522	6.239298	NA		3.944038	9.076199	16.21562	8.392924	18.44938	4.241364	6.180949	18.80121	
CUST_45461_PI429010886	M

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_13649|PI429010886	N31528	0.00205739	15	12						217.909	193.8172	215.4758	175.0235	171.8413	173.9585	107.4986	189.4144	177.5447	214.2039	243.5905	229.5682	218.5686	238.5314	309.5645	245.6701	241.9944	247.3301	157.7724	233.9614	171.722	233.2281	190.9992	241.1815	231.3331	221.5686	282.8745
CUST_177_PI429010886	N2124	0.00205974	12	9	321466528	hypothetical protein DAPPUDRA			6.39E-22	35.00954	7.491826	44.70872	26.46408	25.53977	27.16746	NA	7.940901	13.13097	44.47158	50.53965	50.47099	37.47176	25.85237	35.00954	8.851485	4.62804	NA	14.70241	5.134295	16.74788	77.06177	55.14025	101.6655	21.21056	10.75288	33.86827	
CUST_5008_PI429010886	N18155	0.00205928	15	12						52.11743	23.2839	59.06511	42.23986	27.97412	21.90793	77.67929	46.11055	90.32894	79.05137	103.2627	61.80424	48.11395	33.26748	39.72867	35.72473	44.26452	34.03486	66.27041	37.40246	64.33247	51.07791	44.55836	48.68665	80.86273	65.54266	107.3485	
CUST_35296_PI429010886	N12167	0.00206179	24	21						208.941	341.0815	290.135	215.748	221.8149	204.4688	178.3071	289.1171	337.8262	154.6661	256.9019	217.7635	248.2232	266.9539	112.598	214.693	287.3401	233.7667	294.9654	328.8423	293.6993	298.6917	306.3603	369.9026	313.6779	289.9679	468.5187	
CUST_47446|PI429010886	M76166	0.00206842	21	15	91080041	PREDICTED: similar to AGAP005	Transport	Protein transport	1.41E-25	281.0852	253.9896	325.1877	237.1976	209.4822	238.9099	319.4595	231.626	327.9636	300.9971	262.9461	329.3762	410.3258	204.8124	390.7977	381.5915	327.5322	434.8192	310.2931	294.9139	381.5238	252.7366	239.6808	383.8668	300.0533	199.0025	325.0373	
CUST_11228|PI429010886	N27478	0.00206842	24	6						15.95963	22.79379	17.86363	24.63541	20.05184	30.19163	24.24247	28.32731	40.89712	30.54026	26.63281	8.838822	18.35004	20.36911	16.12609	20.76565	17.46742	16.79051	19.6075	13.84795	17.77119	16.23895	17.93113	14.36577	18.44938	24.33371	17.09586	
CUST_2161_PI429010886	N11726	0.00207384	12	9						17.85602	30.96219	9.802866	33.44592	40.18962	35.0975	52.11743	30.7358	41.35381	52.35798	37.20732	47.59053	24.05036	20.40329	18.08416	26.05879	90.68839	54.79166	32.63627	20.52844	40.93434	30.83657	52.58831	43.78952	23.75571	8.371114	22.0686	
CUST_43424|PI429010886	M63012	0.00207524	24	21						14.47477	61.79558	32.28459	33.72001	32.96215	35.40841	18.50063	6.755262	22.70303	40.15753	31.22074	23.03273	10.74484	29.4237	14.90046	37.632	33.91504	35.4732	15.97495	36.90512	43.20988	44.51618	51.10469	52.10827	39.60406	33.62051	22.29187	
CUST_1931_PI429010886	N11103	0.00207524	24	18	321468336	hypothetical protein DAPPUDRA			1.79E-09	34.45309	36.40013	40.1541	28.49433	33.59136	28.34861	29.18122	62.08412	56.10448	32.3182	27.4271	41.63922	44.99721	45.17758	40.1121	43.98997	49.88072	35.8443	50.87138	62.41935	83.83043	37.81634	63.05696	66.77244	53.7784	45.42128	61.27966	
CUST_39282|PI429010886	M37187	0.00207882	15	6						492.3638	362.4397	377.9818	730.5469	348.964	215.4411	1125.025	2108.887	2789.551	711.5947	825.4048	476.0531	1945.845	672.9412	712.4529	766.804	865.141	600.669	1568.389	1335.17	1918.312	1852.945	2906.899	3470.741	1075.462	2140.692	3220.778	
CUST_28442|PI429010886	N57952	0.00207817	24	15						26.11634	26.61562	25.83296	19.87479	18.21466	13.85499	21.43051	13.17136	9.370822	21.51658	24.2121	22.06613	29.08241	10.83965	22.03984	26.78263	31.02823	28.13189	26.60721	21.84014	27.97586	16.69734	28.44753	21.82795	31.79774	26.96277	21.82087	
CUST_189_PI429010886	N2220	0.00207879	12	9						6906.237	552.6048	5271.495	8503.163	2700.891	3871.525	998.7674	1603.304	2711.745	9712.243	9364.597	7248.769	13616.29	3546.981	7832.882	65.30254	53.37496	111.793	2584.904	3721.413	5166.879	11911.49	12699.11	12317.37	4508.46	7844.789	14218.13	
CUST_4186_PI429010886	N16189	0.00209703	18	12						47.22395	83.18277	44.10093	18.80121	69.16443	36.69203	45.21941	48.92732	50.62088	52.96326	72.66211	67.40377	73.3591	80.96563	60.81352	17.17977	175.4908	173.8408	55.67726	56.49038	44.73509	30.03767	43.38791	26.21182	38.05697	90.08744	60.93307	
CUST_41816|PI429010886	M58616	0.00209404	12	0						130.1961	120.8608	136.3718	107.9823	107.5363	95.10568	87.96067	94.63322	97.97985	104.1064	132.5675	98.56741	116.4848	111.4394	120.6508	94.40167	109.8092	104.6904	97.11689	121.9822	114.0573	111.4813	123.2141	135.3294	116.2567	143.902	168.2866	
CUST_41993|PI429010886	M59110	0.00210087	24	21						124.991	160.0873	145.3581	99.54889	118.606	99.116	60.60875	115.3868	97.75803	92.53323	136.1879	135.9219	112.3135	137.2059	165.4991	129.3077	141.598	153.9484	111.6232	134.703	116.8939	166.108	154.3283	190.0902	203.5144	142.0207	213.1791	
CUST_34197|PI429010886	M9027	0.00210087	24	21						114.4851	116.0138	66.43371	119.971	68.73418	86.51281	45.05271	57.97707	39.30986	64.51751	80.70329	27.7842	96.14621	89.06904	83.75475	54.87487	76.76723	62.4694	71.77497	89.0262	60.04487	151.4662	133.4406	231.588	103.0218	176.9444	66.93928	
CUST_37914|PI429010886	M22219	0.00210362	12	9						20762.38	1848.594	20762.38	22711.46	15230	18408.63	4777.94	4453.231	7585.802	21224.39	27665.22	25611.3	31801.71	14580.94	24426.06	1806.683	1027.619	1613.784	11643.13	10921.28	12043.33	33402.18	30352.12	37083.68	12288.42	14794.99	24341.41	
CUST_25941|PI429010886	N53342	0.00210362	12	9	528522579	PREDICTED: gastrula zinc finger p			4.98E-27	88.17465	35.33378	83.26396	71.28516	72.70716	60.35593	77.49407	62.10736	78.94493	101.5332	85.06849	79.23954	93.99213	62.23304	37.98103	51.58532	55.26895	62.70293	83.76355	72.74057	69.00406	83.87393	85.49462	121.6162	96.13685	61.17453	85.02933	
CUST_36026|PI429010886	M14433	0.00210699	24	18						18.18791	28.59293	41.90191	17.82226	13.44428	13.552	9.640926	25.64515	19.26369	10.17872	15.29786	11.29	21.52069	31.78394	27.00266	15.00294	26.51323	21.02758	39.0719	40.97531	63.02678	18.18231	19.7654	22.04447	45.85217	25.98049	30.68789	
CUST_34471|PI429010886	M9770	0.00211503	24	0						30.25225	33.02712	43.36291	NA	15.48837	12.80959	24.97563	25.49661	24.07838	26.30298	9.133693	20.465	12.23088	19.51186	3.945831	34.19123	14.50529	31.96659	15.30251	35.49951	30.98378	18.07496	28.98376	8.248627	52.43098	56.12288	47.6242	
CUST_48220|PI429010886	M79390	0.00211959	12	6	197940771	Euphausia superba mitochondri			2.12E-159	95843.19	95843.19	98191.21	107696.8	83454.29	101686.5	98191.21	105237	104498.1	102393.8	96349.38	102933.3	98191.21	80988.9	7021.693	107696.8	112823.1	100092.3	107696.8	110385	101686.5	101035.5	105804.6	99678.14	100092.3	87131.39	94790.65	
CUST_28563|PI429010886	N58191	0.00211605	21	9						14.6635	23.38479	14.22535	15.00133	33.51959	33.25164	20.71518	26.12451	12.55746	24.51729	42.32505	44.27544	23.2664	22.28941	30.8769	36.29464	28.17546	28.49433	21.23607	18.60288	28.01116	14.46435	8.476423	17.01732	35.53128	21.73011	26.53236	
CUST_42577|PI429010886	M60630	0.00211874	18	15						73.04616	94.76517	79.34748	50.98258	101.9053	76.24747	81.61482	84.80017	70.66441	71.36454	82.47763	76.27282	84.29772	95.92856	100.3986	98.10696	91.57245	94.93084	73.67616	81.34169	67.91644	62.98884	49.20954	60.30614	90.3848	80.29411	80.13048	
CUST_27253|PI429010886	N55715	0.0021906	24	15						74.82596	80.05281	97.84796	79.44437	72.73375	55.36247	111.6675	100.3755	111.6865	103.8143	75.04432	105.7007	112.7474	89.64766	100.0738	100.3986	120.6137	133.5862	129.0812	105.074	110.822	101.7856	98.64233	142.2741	97.70277	91.14348	165.4536	
CUST_38889|PI429010886	M31662	0.00212157	24	21						9923.978	11805.59	9954.878	9345.369	4803.622	6710.162	5718.956	7762.077	6988.188	10077.64	6165.981	5847.84	12424.28	3851.521	6818.249	9923.978	12141.91	5191.892	15435.13	9613.776	10664.62	14502.16	15526.29	11264.76	18673.37	11881.91	14015.31	
CUST_41374|PI429010886	M57581	0.00212373	24	18						72.31873	68.52496	74.90044	51.7695	67.63991	55.96387	42.17431	38.33215	60.37267	57.41489	57.34418	85.82929	37.86114	66.77244	76.16048	76.59647	83.67777	60.84053	95.45574	92.03434	66.87814	75.0839	66.68933	71.33856	83.32737	58.98036	77.18489	
CUST_43005|PI429010886	M61831	0.00212373	24	21	307169645	Protein suppressor of forked [Ca	Nucleic acid metabolism	RNA metabolic process	1.02E-19	38.06125	49.9052	29.74161	42.30746	39.66978	25.16166	45.37131	36.46097	36.78636	36.11568	26.96277	37.4753	39.6633	39.60406	25.06319	41.42487	58.21158	45.2017	56.75304	38.67341	45.88546	52.70059	45.50498	50.15161	41.403	42.75885	50.25143	
CUST_47475|PI429010886	M76272	0.00212423	21	18						73.65204	79.88277	80.37006	57.83575	88.71852	52.35798	53.91461	92.7356	67.51408	78.9339	62.98013	69.84655	48.35178	36.98315	53.21446	55.47729	96.74886	73.23385	122.3191	96.45691	113.1623	90.1637	60.03374	86.18133	68.83252	55.34035	81.64232	
CUST_54846|PI429010886	M107937	0.00212649	24	3						1912.144	1238.023	1173.346	1859.635	4470.918	2795.798	1418.598	1233.546	831.6922	1193.688	3313.258	3210.455	1170.841	3095.903	1183.911	1118.881	984.5856	1234.088	1104.345	985.0577	866.5613	1117.04	1205.686	1173.789	952.2766	1449.243	1073.581	
CUST_35500|PI429010886	M12728	0.00212649	24	18	260813390	hypothetical protein BRAFLDRAF			1.78E-38	96.09055	149.3939	115.6407	94.51495	101.1304	95.36659	110.6555	138.5964	105.7691	114.5807	123.8699	106.0881	157.0815	109.9768	131.5859	110.1596	150.0449	130.6255	132.1609	132.2204	147.2789	118.5815	169.9145	134.4304	103.6807	140.2426	131.4002	
CUST_10622|PI429010886	N26526	0.00212649	24	18	118369130	hypothetical protein TTHERM_0			6.45E-08	184.5623	146.3133	142.6928	55.71616	62.21897	27.7582	169.1253	207.9921	354.0991	79.1181	62.33316	77.91051	113.2581	89.85516	104.7345	162.3844	156.5799	221.9709	494.3291	205.1648	430.0583	209.4303	57.19268	152.0267	379.0965	103.5646	224.1099	
CUST_21384|PI429010886	N45122	0.00212649	24	3	321475473	hypothetical protein DAPPUDRA			6.71E-56	165.1205	176.5278	89.5211	122.2183	183.0375	192.8297	117.5696	171.7821	156.8401	135.1633	126.9826	112.0316	79.67772	114.952	116.8623	135.6453	111.4237	94.42757	101.3719	92.77365	93.59078	138.7083	118.6869	96.87922	123.9057	98.4933	76.88599	
CUST_21427|PI429010886	N45199	0.00212649	24	21	541906785	period [Eurydice pulchra]	Metabolic process	Lipid metabolic process	1.54E-47	36.28732	34.87559	32.51568	26.35742	29.88536	33.17685	23.02558	26.45217	35.8443	42.34405	29.66274	35.35463	35.47011	30.18014	37.16734	51.80627	42.03242	44.79451	35.99566	30.65511	38.86739	55.84882	37.53998	51.43184	51.3517	34.18577	52.48812	
CUST_43465|PI429010886	M63128	0.00212809	21	15						50.64118	58.15501	67.76221	52.92294	57.39387	52.61041	47.6242	42.68213	46.03411	57.20137	45.87769	42.46657	53.60597	43.22401	48.81917	69.06598	62.17466	64.74689	68.46482	57.35611	59.38892	56.20706	44.43314	56.57499	71.1038	56.39944	55.89971	
CUST_36426|PI429010886	M15871	0.00212809	24	21						101.9985	88.29653	81.42279	125.4884	113.9542	103.5544	136.5218	100.0919	105.8148	74.06253	98.91443	103.0964	100.821	87.03898	84.33008	120.8427	90.52573	136.1481	106.2828	94.69269	93.63735	76.6076	75.10319	77.29304	100.3398	87.66036	88.5599	
CUST_23551|PI429010886	N49021	0.00212865	12	9						205.6244	231.809	224.5732	185.1417	215.0811	162.9468	174.7345	163.8102	164.6109	222.9863	293.5137	258.5192	189.351	192.5776	179.4021	185.9639	194.2311	225.9507	187.8413	192.4672	240.84	262.2441	218.889	209.666	225.3038	221.7509	
CUST_31192|PI429010886	M941	0.00213864	24	12	261289819	hypothetical protein BRAFLDRAF	Metabolic process	Other	2.73E-136	38.7574	44.47158	58.9013	46.18377	29.26681	49.27254	56.44269	82.63781	74.33815	51.18195	56.34856	53.05853	72.19272	60.68039	88.90086	46.16308	28.2205	48.08352	53.07048	67.40377	86.07541	30.36386	29.00584	31.30624	52.62255	34.48922	51.21624	
CUST_41272|PI429010886	M57321	0.00214004	12	0						199.0318	212.2981	240.8917	204.3745	152.1914	182.1611	149.3578	154.7131	175.6627	194.1916	217.4288	246.2015	239.348	200.181	225.1246	160.6506	205.6925	171.4846	169.8611	184.9648	156.1818	242.6247	263.5563	183.1082	207.2425	237.9791	267.9409	
CUST_18973|PI429010886	N40751	0.00214004	12	0	270016018	hypothetical protein TcasGA2_T	Transport	Ion transport	2.42E-21	143.3201	101.2809	126.2375	87.79232	88.51224	88.90086	57.05091	67.52243	92.69475	110.7326	92.37878	119.8471	107.9064	100.1424	121.8684	111.1646	83.22682	100.5377	114.8959	77.30188	66.03803	135.5781	100.3986	106.5903	139.5013	94.30839	167.2859	
CUST_38384|PI429010886	M26098	0.00214245	21	15	262401203	mitochondrial ubiquinol-cytoch	Transport	Ion transport	1.69E-19	783.1683	1328.27	679.5306	793.2617	667.6928	619.843	932.1979	812.7394	759.9978	857.1902	814.0506	771.2654	905.0625	831.3637	667.2339	932.6252	1128.705	1024.829	638.3206	851.4962	751.2377	771.7617	927.0038	796.2861	403.8629	785.5802	531.8423	
CUST_39934|PI429010886	M46994	0.00214345	24	9	268607710	cuticular protein precursor [Trib			5.59E-10	16.94155	6.515712	24.68878	14.67792	87.28041	62.68994	22.00575	30.18887	15.3561	81.56078	123.4349	120.5704	51.64343	76.01297	109.0351	NA	21.10356	22.30617	11.89578	10.6926	12.2372	39.2895	32.99838	47.36534	4.409339	22.16019	15.11126	
CUST_8437|PI429010886	N23037	0.00214735	18	15						3.069095	6.3587	8.420719	6.550174	6.459779	3.567253	8.152582	6.78752	8.590245	5.816259	9.271842	NA	9.730417	9.932014	7.350928	9.248817	11.41336	11.06753	NA	6.881395	4.422432	5.917822	5.513093	7.148694	5.931811	9.322519	6.765229	
CUST_1605|PI429010886	N10216	0.00214391	18	15	343183153	myosin heavy chain type a [Man				692.8899	517.0399	934.3693	700.8468	481.6057	603.766	417.5037	1317.605	481.3104	640.9263	601.1087	542.9066	818.0478	1371.826	521.3103	1431.337	1748.513	2189.919	2171.504	1721.8	2312.635	399.2455	303.1234	202.183	1406.649	915.0007	682.1048	
CUST_6870|PI429010886	N20710	0.00215073	21	0						244.6553	275.0563	NA	74.18947	182.4362	273.8856	206.3618	843.8571	158.3685	8.505122	30.9435	23.30722	37.16734	207.9512	34.33515	310.2309	98.82385	130.479	170.064	520.8578	174.9928	NA	439.1006	NA	21.7225	1091.098	NA	
CUST_7659|PI429010886	N21882	0.00215119	15	6						159.645	133.3192	162.5329	169.1505	151.1486	79.42387	225.0911	408.0121	579.8505	118.3236	292.6099	128.0875	432.7554	256.4943	207.5504	206.6211	113.4137	133.196	404.5068	290.2762	439.1006	475.8315	630.9023	392.8052	339.9532	274.4093	532.8364	
CUST_40675|PI429010886	M53813	0.00215141	21	15						43.65204	28.71759	30.47714	40.13911	28.21177	39.38283	26.9677	32.54957	29.3403	29.00237	33.83846	35.99005	43.40182	31.50944	25.02711	43.63653	62.11363	43.04131	35.05094	51.70196	49.60673	34.40862	34.84184	46.5095	11.88179	31.00311	33.49837	
CUST_5659|PI429010886	N19002	0.00215211	24	18	268370207	integrator complex subunit 3 iso			1.72E-155	414.226	534.2591	441.1218	402.3519	377.0504	409.0189	482.9421	529.0583	449.1793	456.0887	493.728	550.6893	553.926	408.6556	476.5395	544.8319	520.7346	665.1463	584.3107	484.6312	595.447	567.3781	475.0917	577.1013	589.8797	465.2004	646.5974	
CUST_11953|PI429010886	N28683	0.00215211	24	21	390333216	PREDICTED: RNA-directed DNA p			3.24E-11	179.4316	237.5901	254.4938	199.0318	201.229	195.6436	166.3995	169.3865	217.5757	212.6978	340.7195	216.54	221.0978	192.8085	225.9834	257.1925	242.133	262.4374	258.3202	203.5459	260.752	314.9794	250.6739	301.1497	295.1045	224.9241	338.4518	
CUST_30937|PI429010886	M264	0.00215227	24	21						69.45852	145.1105	117.1549	79.31123	128.179	88.82328	78.45326	110.5806	110.4383	53.30891	102.2094	87.84235	78.15502	96.57151	100.821	109.9215	136.7882	135.2233	105.1748	136.5823	118.4277	119.6854	136.9272	152.6002	124.3455	96.42996	156.5986	
CUST_23251|PI429010886	N48510	0.00215227	24	15	262401367	putative ribosomal protein S23e	Protein metabolism	Ribosome biogenesis	1.73E-27	62.3254	40.02841	51.84875	25.25032	22.49107	31.77263	49.40203	46.12726	47.08587	66.55746	37.38294	32.57446	41.51987	61.77408	34.12419	68.91312	55.59367	63.65381	63.17461	51.63077	56.79387	45.93656	39.88903	41.99895	64.74689	46.55494	35.96302	
CUST_38991|PI429010886	M33089	0.00215708	12	9						3980.902	4952.328	12991.27	13301.65	7643.683	6631.875	8857.18	8006.37	15553.93	14307.54	18235.97	4767.094	21834.29	9041.082	12378.85	698.508	421.5919	823.2974	16553.17	15492.41	15871.24	19635.13	30257.2	25555.67	11612.18	16151.95	21270.53	
CUST_1190|PI429010886	N4228	0.00215708	12	9	407408426	hypothetical protein MOQ_0042			0.000000993	9952035	3460.858	28210.59	42662.49	17886.89	2469.11	6799.146	9330.025	14642.96	36802.85	56377.06	2957.09	42496.4	20708.31	31108.81	1106.912	1157.907	1395.332	19094.08	18320.9	22042.15	42014.5	66945.06	17450.47	21922.48	41095.52	56047.28	
CUST_1145|PI429010886	N8631	0.00215541	21	15	321476544	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	8.16E-09	245.1933	486.6807	168.9831	384.2558	99.58967	292.3452	795.25	481.7121	310.9804	568.455	198.84	223.5617	634.4332	366.7062	414.325	1324.865	845.9943	1089.089	624.9041	142.4928	523.3495	412.604	251.9129	452.2327	359.5095	275.4561	163.3155	
CUST_23427|PI429010886	N48826	0.00215898	24	21						60.3351	97.26952	84.91891	66.48433	83.09656	78.13239	35.97416	70.49708	50.16621	77.6897	76.80903	76.94539	53.22588	64.41139	43.78952	45.0895	90.58585	62.77181	59.96133	86.53109	62.21897	88.0075	93.13119	101.5579	81.26825	77.40803	109.8092	
CUST_19296|PI429010886	N41332	0.00216618	21	3						7.300631	12.4892	6.825911	NA	23.60614	10.66221	9.309902	14.42653	8.360391	11.75064	12.68845	7.587167	5.330713	7.069413	6.842059	5.442056	9.838142	6.618689	6.503833	7.417941	11.44626	NA	12.41089	6.236495	NA	15.13188	12.66493	
CUST_16496|PI429010886	N36333	0.00216049	12	0	380028136	PREDICTED: long-chain-fatty-acid	Developmental process	Multicellular organismal development	8.3E-33	420.8457	503.5534	544.2292	444.8216	376.3542	360.2285	237.6854	396.7957	394.0157	431.4309	507.5036	430.2082	509.5667	393.358	492.831	375.415	609.0112	424.9756	356.1688	358.247	335.3952	529.579	477.4346	493.2216	519.7601	465.3594	590.6124	
CUST_32757|PI429010886	M5048	0.00216778	24	0						38.78785	NA	11.09601	8.090541	20.20385	25.49854	13.98478	13.79706	NA	14.04576	11.27831	18.1699	7.423378	9.065482	9.726899	5.997609	11.52249	8.822371	10.33674	12.25196	NA	16.37294	6.921979	13.56445	18.23869	26.12451	14.39043	
CUST_6940|PI429010886	N20808	0.00217532	24	15	15425681	I-connectin [Procambarus clarkii				52.63501	56.3623	54.52711	47.57381	60.23194	52.84329	39.42252	54.73663	53.69851	57.94759	47.09644	34.84867	46.91713	45.39182	44.70348	76.3955	63.03855	74.86678	61.19316	56.54714	72.74057	63.59136	58.58735	72.55053	61.908	66.87814	55.7467	
CUST_13448|PI429010886	N31208	0.00217543	18	15						137.7031	248.554	143.5029	152.0064	68.01679	100.0492	250.4566	210.7377	262.04	150.3928	103.1504	131.5353	193.3701	183.4751	135.0936	276.9413	305.1178	287.4579	181.7506	205.8252	239.9783	106.1914	162.4604	130.496	175.2065	171.7821	161.8447	
CUST_48053|PI429010886	M78707	0.00217773	24	21						74.36638	74.44615	91.29948	63.81233	60.75399	61.06467	60.34528	58.14687	70.69946	116.4848	87.60092	94.7296	105.7387	68.83252	92.2966	95.33452	67.37607	84.35052	119.2573	72.10171	93.51275	137.4234	95.03516	126.2905	127.8904	72.89302	129.4725	
CUST_3553|PI429010886	N14738	0.00217773	24	3						9613.776	34.6239	6285.074	6584.064	4185.629	5847.84	178.1189	163.6405	175.0979	322.1133	3011.975	3801.741	336.0374	5357.194	4981.65	80.9995	46.96617	112.1293	18.74013	48.27158	34.05393	2454.398	70.80726	2345.461	109.9078	70.87876	173.7269	
CUST_15455|PI429010886	N34608	0.00217773	24	21						35.92153	62.94384	42.2771	46.02219	36.73639	43.08599	32.85013	42.29499	37.15316	49.09284	44.72843	49.58749	62.76751	41.00325	43.70538	49.74586	54.07225	57.31291	47.9867	55.36247	45.13797	57.42791	51.1228	75.35645	55.6648	51.77472	50.25586	
CUST_43381|PI429010886	M62888	0.00218751	12	9						623.3324	274.3383	985.8154	1331.886	637.4326	817.7537	376.7239	294.3919	441.8514	1609.728	1236.613	1162.935	1535.771	737.8151	1227.139	197.4586	321.5516	270.7536	862.533	575.9481	557.4698	1819.509	1731.406	1742.558	854.7576	690.3228	1274.133	
CUST_16828|PI429010886	M36926	0.00218751	12	3						21.87085	24.87248	26.17884	22.81652	30.85244	27.5259	13.24159	19.26879	26.56161	10.78644	15.84205	16.36929	17.60895	24.25128	23.44477	24.84514	21.82549	34.09348	26.98424	15.55385	22.62211	18.47386	20.37998	14.15162	27.36657	10.85018	21.97709	
CUST_25868|PI429010886	N53201	0.00218938	18	0						369.9777	783.4167	720.7726	369.8268	662.5571	607.3706	467.8312	550.9285	550.3617	414.325	490.2242	337.1412	352.227	405.1127	497.1127	436.5051	554.8747	499.8092	651.2334	793.634	721.6825	524.6943	611.8901	476.1651	664.4758	525.1123	545.9351	
CUST_48435	PI429010886	M80310	0.00218967	24	15						18273.52	23273.41	16981.94	16954.37	15847.39	15461.72	20382.6	23162.84	23016.75	17345.96	15630.09	13658.74

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_34123_PI429010886	M8826	0.002303593	24	15						318.9156	415.3144	360.2879	335.8993	333.3795	311.4501	376.2092	295.6289	404.3238	352.6665	308.6292	308.5661	426.6472	327.9636	375.5874	439.2301	455.5301	472.7524	434.3661	373.7341	430.6456	379.158	401.757	447.0887	427.8043	358.0959	477.1875
CUST_53411_PI429010886	M101591	0.002310659	21	0						30.30413	10.17265	41.38164	17.04105	9.164016	36.93887	8.267617	NA	8.740614	16.15211	17.14735	21.13979	16.84596	NA	8.753354	4.322519	6.92099	3.045822	7.99927	15.42768	11.29793	36.58388	25.91869	25.60929	12.57044	5.261269	18.08089
CUST_33623_PI429010886	M7451	0.002316161	24	15						3056.068	5162.169	2499.817	2566.656	2197.153	2434.185	4363.515	4295.699	2593.566	3382.058	2960.653	2960.558	2992.811	2911.669	2826.773	5377.652	4945.667	3647.267	3536.101	3036.167	2558.16	3331.869	2787.074	3948.517	3571.414	2659.616	
CUST_33927_PI429010886	M8267	0.002312852	18	9						1858.682	2618.303	2302.573	1420.017	1912.144	1531.626	2432.608	2763.96	1785.094	2849.078	2696.535	2820.736	1623.703	1685.048	1943.332	3647.267	2790.956	2814.474	3289.37	2449.312	2137.853	1473.47	1369.757	1047.687	3792.758	2323.856	2881.653	
CUST_45803_PI429010886	M70340	0.002320621	21	18						23.64329	59.15801	58.06923	10.69455	19.61588	15.53825	19.16781	40.71656	27.47971	3.903545	27.11917	NA	12.11716	6.752779	16.32911	29.88536	30.62124	33.11195	53.53717	95.28229	98.24098	32.64246	22.21765	22.62003	55.70902	15.67395	47.54634	
CUST_41531_PI429010886	M57974	0.002321502	21	0						49.89765	25.76307	47.21843	35.78309	21.77362	35.68286	31.66806	24.3283	32.84675	28.18616	22.62211	27.68667	41.403	22.79631	19.28269	21.08718	28.39338	23.87506	15.41819	20.26699	26.29555	50.56209	50.39653	45.33378	39.43097	31.61116	47.28223	
CUST_44333_PI429010886	M65652	0.002323855	24	18						382.6455	254.6677	471.2164	139.0478	123.5107	138.1387	398.6975	333.6191	343.5695	152.4772	186.9296	131.274	213.152	240.6532	190.9332	414.4974	341.2447	352.8944	247.4668	535.2394	882.5044	220.8506	236.5827	304.58	295.9223	168.2637	230.5014	
CUST_35800_PI429010886	M13545	0.002324452	24	15						368.4918	376.4343	276.6685	350.1584	286.2354	257.4878	482.0377	302.6664	374.5443	391.5717	256.6162	347.3018	407.5835	287.632	367.876	451.2333	420.9575	558.4737	421.4753	300.549	444.1379	391.3071	417.1463	469.1525	392.7267	199.1806	380.4577	
CUST_18533_PI429010886	N39968	0.002324452	24	15						2654.193	5374.176	3759.237	3289.37	2948.008	3073.818	4403.488	4633.616	4450.275	3972.222	3154.32	3924.629	3384.461	3890.917	3324.822	5467.822	5630.843	6010.065	4211.995	5055.201	5265.552	3079.233	4363.515	3948.157	3364.257	3688.899	4545.107	
CUST_39990_PI429010886	M48006	0.002325952	24	18						NA	NA	NA	11.42944	4.732358	10.72798	1310.327	5.085084	1277.638	44.96264	34.33222	4.247945	NA	11.62846	NA	72.5147	NA	69.61335	1594.801	2045.264	3538.483	262.9461	NA	233.0946	262.4374	40.4228	241.364	
CUST_35875_PI429010886	M13789	0.002329282	18	15	307176866	Cubilin [Camponotus floridanus]			5.95E-15	21.93249	21.7987	18.68765	17.69816	18.71959	16.74981	26.2902	27.16394	30.74897	27.17008	18.78483	21.41005	24.73091	21.40753	26.77083	40.59456	26.9245	28.48764	27.63973	17.46154	20.58397	22.40935	16.23247	12.99454	21.5031	13.75076	18.27116	
CUST_13893_PI429010886	N31952	0.002337903	24	18						153.9962	171.3397	171.8649	148.7099	144.1943	153.2899	129.7636	127.4016	148.131	156.6283	161.3598	147.9573	129.7968	149.9126	148.9789	214.2511	166.8118	193.9616	201.3401	152.0267	180.8125	185.653	147.6657	194.6568	209.9842	158.6448	204.0717	
CUST_8334_PI429010886	N22893	0.002339745	24	15	321479105	hypothetical protein DAPPUDRA	Protein metabolism	Protein folding	9.9E-61	2139.451	7632.364	4031.99	2422.76	2256.232	2108.887	5783.496	5558.806	5251.996	4342.518	2971.539	3041.467	3281.159	3286.945	2962.88	6966.12	10448.35	9410.039	4746.115	4261.241	4825.163	2552.554	2681.804	3243.823	4727.546	3975.62	3670.22	
CUST_8558_PI429010886	N23221	0.00234645	15	9						6.486846	8.576647	12.3285	9.858804	8.407667	5.158329	NA	14.9436	7.445689	NA	12.59667	NA	11.76598	13.37305	10.85953	11.30735	10.54947	13.72622	9.528739	7.220518	11.87323	16.02388	14.48348	12.99289	16.40534	14.17028	14.97655	
CUST_55661_PI429010886	M111183	0.002353149	24	3	121484195	cuticle protein CUT5 [Portunus p			2.53E-15	1034.581	22.16839	1492.153	1649.981	2512.997	2256.232	20.31011	126.0542	58.23269	562.0064	2710.483	1398.823	243.331	1403.011	1129.795	6.933026	22.68453	8.600876	49.06379	109.3921	45.96577	1068.554	529.2519	786.1643	69.45852	387.9483	185.5629	
CUST_55841_PI429010886	M111850	0.002353149	24	3						5091.533	132.1609	4275.766	8439.929	6125.57	7138.174	168.9624	757.5703	256.2719	5533.093	5222.203	7785.133	3675.29	4093.741	6837.265	44.30249	49.85348	86.13364	284.6216	1110.746	549.1826	4319.299	2981.297	5099.888	315.4118	2288.957	1583.518	
CUST_38821_PI429010886	M30948	0.002353149	24	3	7008007	DD9B [Marsupenaeus japonicus]			4.12E-15	15492.49	476.9732	14470.28	24909.79	22092.06	24984.55	330.7777	1110.326	282.2225	17487.6	22658.35	23231.4	11503.97	19960.25	26891.88	53.23808	63.5234	131.0644	254.1863	1284.327	172.9739	15847.39	7353.952	13193.16	551.429	4456.862	3847.793	
CUST_33421_PI429010886	M6843	0.002353149	24	15			Protein metabolism	Proteolysis		99.20976	88.60558	24.21718	84.6858	13.55607	35.07549	938.592	282.5034	748.1962	542.9984	312.008	677.31002	123.2141	233.2689	56.22476	188.355	868.9348	811.9435	320.1071	411.2361	831.6922	376.6399	5.331625	415.8002	247.1999	36.56623	107.365	
CUST_2748_PI429010886	N13031	0.002353149	24	15	328698812	PREDICTED: Acyrthosiphon pisur				2849.078	5322.868	3319.245	1893.96	2734.019	2457.62	5864.557	5197.224	5625.087	4077.152	2844.645	3230.906	3952.736	3145.521	3069.207	5445.042	6809.882	6976.622	4177.108	4368.987	5322.868	2962.88	3798.572	3739.191	4621.99	3737.963	4513.062	
CUST_9910_PI429010886	N25392	0.002353149	24	15						54.60623	106.8499	87.29007	49.83616	22.36969	13.09781	143.5988	64.82967	79.4857	94.33013	24.19535	62.19095	108.7185	45.57662	58.69436	147.2789	171.1268	201.6162	41.1702	134.3819	67.75299	48.70798	79.64645	162.0504	97.83763	138.2736		
CUST_258_PI429010886	N3133	0.002353149	24	15	345494337	PREDICTED: S-adenosylmethioni	Metabolic process	Generation of precursor metabolites ar	2.45E-162	1941.073	4177.108	2592.232	2329.582	1705.593	1761.545	4388.629	3855.701	4150.213	3112.057	2598.143	1913.068	3124.619	2634.199	2291.48	4319.299	4910.228	4329.518	3441.376	3715.857	4159.327	2152.198	2679.375	2685.938	2867.707	3124.619	3264.887	
CUST_53469_PI429010886	M101847	0.00235993	18	3						9285.648	120.8147	9905.822	11572.84	11998.69	13301.65	362.4397	1149.936	1378.754	11339.63	16452.07	12548.11	9999.789	8146.369	9855.129	103.801	60.23194	136.8369	1015.827	2214.163	2224.156	10077.64	11076.77	13301.65	1931.709	9226.663	11395.49	
CUST_50285_PI429010886	M89321	0.00235993	18	15						51.82749	76.49879	24.23762	27.47705	13.81373	37.66142	89.99586	83.15856	62.82209	68.82621	28.57269	18.01657	84.45149	75.58915	63.73076	78.73755	95.22353	96.40725	43.86995	18.33066	35.60799	21.47276	45.00629	20.80953	40.83819	24.74687	25.69634	
CUST_11411_PI429010886	N27763	0.00235993	18	15	91081549	PREDICTED: similar to muscle pr			2.64E-56	171.8649	141.3865	165.368	90.20095	110.2733	94.30839	91.44099	192.8968	147.7301	159.0077	151.4448	175.9736	179.4936	202.0727	72.22265	200.7515	269.1635	271.8414	182.5021	148.7876	228.7822	138.6664	129.7968	159.2971	150.7849	242.5407	317.7216	
CUST_26147_PI429010886	N53750	0.00235993	18	15						351.6631	627.6794	312.1666	275.386	349.2496	333.4754	494.7611	494.606	404.7958	444.046	462.9596	385.121	437.8715	328.6362	365.9284	534.593	465.6755	506.1561	449.3664	412.8294	502.3264	275.9873	357.296	316.6599	380.2708	423.4844	298.928	
CUST_31064_PI429010886	M600	0.002367136	18	15	91079214	PREDICTED: similar to histidine t	Nucleic acid metabolism	RNA metabolic process	6.34E-40	10.90671	17.58836	11.9073	8.297607	8.438338	11.57491	10.45264	14.11179	13.84677	16.5317	15.28613	14.82044	18.53553	12.05888	15.17119	10.14305	21.53675	23.60614	11.33295	11.29793	17.89974	3.446905	10.38947	13.17136	20.00439	13.32644	15.30631	
CUST_3576_PI429010886	N14797	0.002367136	24	15						253.4358	103.106	192.8085	81.75855	44.18092	62.97498	222.2997	260.5042	246.5526	207.2425	131.2891	94.74514	104.0463	106.7424	63.74337	671.0624	313.739	560.8143	260.9147	304.282	558.6463	109.7929	30.54671	124.0485	187.5559	90.1637	132.1477	
CUST_34257_PI429010886	M9182	0.002371094	18	15						58.33297	115.7824	95.87944	70.89953	99.42287	79.25889	44.51618	94.52718	89.21288	50.36291	91.02301	58.9258	59.46532	92.61293	81.4582	113.3227	148.0804	109.762	100.7211	101.9053	96.49913	63.13263	94.63322	51.73911	89.98471	92.23687	60.43161	
CUST_37732_PI429010886	M21285	0.002377521	24	15	6831612	RecName: Full=60S ribosomal pr	Protein metabolism	Ribosome biogenesis	8.7E-82	3071.483	4554.072	1576.537	2568.829	1926.392	2466.158	3053.693	2386.8	3654.032	3048.498	2474.336	3215.844	5131.503	4499.92	4368.987	3975.62	5769.472	3838.854	2451.472	5502.319	6612.476	2960.558	3267.789	2992.811	4427.539	1806.683	2710.483	
CUST_57057_PI429010886	E302	0.002377883	24	9	429327037	putative cysteine-rich protein 1			4.48E-31	329.3762	444.7023	115.4443	389.1575	1868.336	1290.575	464.5257	551.2795	197.5273	443.355	1191.902	1303.295	224.4256	920.7381	986.164	509.4445	594.8478	653.3386	276.1256	564.3622	332.8862	196.9337	231.374	213.1791	293.6993	477.1875	133.6243	
CUST_47028_PI429010886	M74571	0.002377883	24	21						246.3057	233.1508	195.4747	195.4372	191.0167	189.7104	208.4398	182.794	200.181	184.1143	172.4022	114.8959	195.2227	157.7362	184.5933	260.557	216.6807	226.6959	208.8952	162.8755	207.6552	222.1435	204.7184	237.5901	236.0521	192.4063	236.6326	
CUST_31425_PI429010886	M1496	0.002380124	18	0	345495075	PREDICTED: uncharacterized prc			2.67E-56	38.55172	40.18962	92.05562	39.53772	43.26054	30.67349	28.3794	39.79062	37.34538	30.00507	37.37642	34.15718	32.18818	31.08176	25.50997	35.20547	43.28942	38.51685	56.51566	43.64769	47.33022	32.09525	34.53535	31.84584	24.33043	35.10272	41.29379	
CUST_51207_PI429010886	M92595	0.002381288	18	15						49.16277	45.86771	38.23559	34.86879	62.55614	38.52068	36.29093	29.20612	31.89668	41.21871	53.82263	31.72419	42.96134	40.65621	42.40871	52.27625	75.29284	44.66421	49.07635	40.91214	46.03907	41.83854	34.9059	40.9293	37.14951	33.75905	51.81869	
CUST_37242_PI429010886	M18347	0.002381845	24	15	505845202	PREDICTED: THUMP domain-cor			1.13E-56	28.42265	60.13153	38.07838	31.03777	31.23427	23.97898	49.33322	46.56066	56.58591	57.81843	33.75549	28.52077	65.01496	40.26043	45.18702	66.63152	62.21897	60.93307	51.88798	37.90412	68.24011	55.34035	48.75822	60.52841	52.95714	36.14885	64.37351	
CUST_39835_PI429010886	M45382	0.002381845	24	3						3096.516	160.768	30141.56	23575.84	21834.29	26299.14	228.253	555.3803	282.7416	16954.37	24199.32	20099.82	19287.83	16252.77	106.5406	178.596	570.2732	937.1039	295.5147	797.7145	1641.1	804.5158	1627.21	1108.248	2306.791	2656.978	
CUST_2208_PI429010886	N11874	0.002381845	24	15	321454284	hypothetical protein DAPPUDRA	Protein metabolism	Regulation of translational initiation		946.146	1913.068	1196.459	1082.664	1009.169	1038.012	1538.316	1663.655	1574.714	1421.92	1146.806	984.262	1177.475	1324.412	1119.882	1803.597	2350.317	2188.815	1325.644	1505.065	1567.333	1069.78	1262.927	1233.546	1228.932	1291.397	1235.811	
CUST_3763_PI429010886	N15223	0.002381845	24	15						2978.418	2887.827	2516.066	2271.439	1915.575	2363.552	3528.773	2369.531	3112.057	3327.482	2192.968	2598.143	3620.969	2252.908	2761.678	4224.791	3122.414	3492.822	3522.391	2416.236	3255.97	3120.055	2469.347	2983.608	3272.412	2566.656	2367.057	
CUST_259_PI429010886	N3151	0.002381845	24	15	156554747	PREDICTED: S-adenosylmethioni	Metabolic process	Generation of precursor metabolites ar	4.11E-166	1253.748	2881.653	1975.778	1600.243	1349.624	1217.388	3060.056	2930.842	3327.482	2103.097	1667.986	1625.527	2082.19	1765.847	1794.235	3580.711	3516.69	3390.028	2249.486	2281.476	2782.49	1470.868	1801.332	1854.805	1829.191	2154.965	2463.526	
CUST_41801_PI429010886	M58587	0.002384623	12	3	242003910	conserved hypothetical protein			3.28E-35	14.61747	36.93269	20.67803	26.90354	140.9846	68.78391	7.901772	6.24358	9.149353	3.072009	10.9183	NA	NA	45.5523	57.9144	25.62847	34.23772	26.4274	7.614422	12.24496	19.46213	NA	3.647433	NA	3.268042	29.22381	10.97416	
CUST_35197_PI429010886	M11868	0.002388572	12	3	321478381	hypothetical protein DAPPUDRA			1.97E-17	42.96548	68.51645	55.92368	68.95833	58.05667	114.8083	98.38918	89.26114	94.7296	67.89364	75.39478	84.42785	78.57224	77.59604	44.6542	101.522	101.2406	121.3713	83.00392	56.87317	65.60638	76.19255	50.48397	70.69946	61.34753	47.27657	51.55894	
CUST_16066_PI429010886	N35591	0.002391757	15	6						21.33315	29.64873	26.76018	30.69787	29.61912	23.23426	119.4647	39.58685	40.23682	44.6225	32.64246	41.36333	29.8647	39.12873	34.2465	33.81651	40.71656	30.66752	30.9435	27.50147	41.80733	44.16317	53.36513	49.364	34.07334	50.0221	62.03291	
CUST_53474_PI429010886	M101861	0.002395619	24	21	242023499	conserved hypothetical protein			1.18E-23	77.38763	79.85553	50.45617	65.17942	79.82778	61.40643	70.74232	72.3378	74.4544	70.54441	55.42058	76.70125	52.46241	61.23583	55.72212	84.45954	56.24698	77.26866	61.85717	55.53179	68.26223	94.27306	89.35207	81.56927	77.03004	81.21161	66.67393	
CUST_3254_PI429010886	N14114	0.002397878	21	15						389.3624	357.3731	392.9019	302.6134	324.8189	259.4124	369.0567	406.1674	411.0555	397.5976	427.5284	318.8359	340.8616	377.2326	287.3062	577.2434	457.8873	563.4896	351.8456	425.1755	473.7195	388.382	305.6416	343.3314	397.867	298.6917	355.0829	
CUST_35715_PI429010886	M13288	0.002401542	24	15						283.6079	634.2073	377.4146	325.4289	346.1837	341.4287	586.3741	534.4784	555.7599	486.7832	486.8888	392.253	433.3852	382.4457	375.7494	651.2334	813.2524	672.9412	464.677	447.3237	499.0568	419.6327	388.875	447.5258	424.9756	389.1575	464.5257	
CUST_30998_PI429010886	M416	0.002401542	24	15						1811.687	3393.901	2416.236	2051.901	2031.77	2034.424	2491.674	2978.418	2805.21	2245.768	2149.415	1468.759	2335.81	2278.847	2517.49	3577.841	3441.376	3699.413	2237.142	2799.9	3137.141	2206.592	2634.199	2887.827	2491.674	2634.199	2853.1	
CUST_2180_PI429010886	N11803	0.002401542	24	15	524908000	PREDICTED: 60S ribosomal prote	Protein metabolism	Ribosome biogenesis	2.13E-33	21645.19	27347.94	26740.38	21113.92	16847.05	19572.59	28306.31	26987.8	28306.31	22658.35	19341.82	22154.05	22401.51	22154.05	20871.55	28743.72	30721.41	31435.61	29718.92	28210.59	31206.9	22279.42	23739.57	22279.42	28492.44	23084.2	22598.48	
CUST_2598_PI429010886	N12729	0.002401542	24	15	307198170	Putative protein tag-53 [Harpegi				284.5651	335.0262	240.5209	254.4938	251.2891	225.4711	460.1149	306.0384	361.5772	335.8993	253.9457	301.1497	388.9715	243.5905	339.9532	497.6488	404.3238	449.9406	397.4943	271.1207	351.92	309.2002	273.8482	294.4308	381.0871	261.4619	360.5101	
CUST_18472_PI429010886	N39862	0.002401542	24	3						148.4641	165.9817	381.849	182.8511	411.2361	436.5051	100.5529	136.4438	223.6033	76.61576	372.3645	344.4852	119.6589	352.5932	296.3981	30.58943	46.86356	40.26358	207.5504	115.908	104.437	160.5413	166.5631	60.8211	132.6428	162.5329	152.4772	
CUST_10185_PI429010886	N25834	0.00241449	24	0						135.8928	84.28713	141.7833	51.5265	98.78131	115.8934	91.82394	71.72818	157.8268	66.84176	85.97141	81.97833	59.03583	26.69535	69.41702	181.6282	88.29653	112.3401	81.80549	82.72734	108.9478	83.4747	182.35	64.82247	259.1614	116.4561	251.0374	
CUST_18654_PI429010886	N40175	0.002415482	21	6						65.01967	39.2334	68.62585	214.8629	182.136	65.85526	225.0517	147.6402	131.0265	141.4438	122.754	167.6224	78.40447	81.19478	79.46471	52.39131	171.4108	116.3642	71.94693	60.6628	50.0221	94.62002	53.77161	73.15055	66.19633	79.17186	58.86475	
CUST_20408_PI429010886	M43385	0.00241662	24	21						46.71131	123.9057	95.78807	58.3569	69.45852	63.75599	44.44554	67.62577	75.47294	45.45721	69.86685	77.63531	38.12957	68.74221	44.12566	84.5309	96.91497	88.80408	94.6274	85.7107	97.45374	82.79094	109.5487	107.6151	102.2878	118.8436	96.53491	
CUST_35267_PI429010886	M24833	0.002421227	18	15						84.29873	70.23566	57.45440	51.92132	47.79385	52.06286	66.16604	80.38247	59.59396	60.56379	37.64058	67.71277	55.32819	59.58718	59.62625	95.05889	80.62092	87.1247	64.70749	49.19586	65.04823	54.42551	56.09226	53.74902	61.58358	45.55903	
CUST_34173_PI429010886	M8947	0.002421227	18	15	242000802	AP-3 complex subunit delta-1, pi	Transport	Protein transport	6.68E-34	47.53635	79.27327	72.29255	36.72221	64.56632	58.6831	65.72695	83.18277	49.99888	56.57986	72.91519	76.04559	63.17461	59.42381	67.15403	104.5179	79.88277	79.54469	45.66053	57.44712	64.95625	45.142	58.08676	50.89474	56.20706	60.52841	62.40045	
CUST_38012_PI429010886	M22771	0.002424481	24	18						224.2885	98.93161	260.3413	329.6536	222.3298	41.47761	363.297	203.057	498.4242	161.7929	210.955	146.7041	945.2143	286.1798	487.5393	250.5426	52.79948	271.4195	714.0141	2277.337	2971.539	1014.541	1073.164	1606.909	589.7452	322.6893	1042.748	
CUST_33937_PI429010886	M8293	0.002433798	15	6						136.3336	207.9512	222.1435	182.7293	275.7847	175.4084	278.9665	229.9746	299.7411	211.2323	249.1748	269.5152	216.6056	201.4635	179.9541	170.6985	338.6752	217.0918	221.9252	253.5695	249.8271	261.6417	359.5095	323.747	289.4524	230.3006	217.0918	
CUST_17684_PI429010886	N38408	0.002433798	15	12	193705824	PREDICTED: ankyrin repeat dom			1.25E-19	14.89459	22.26642	12.57527	4.697614	6.773043	6.700321	15.67594	15.82957	12.40824	16.13855	15.80202	13.27761	35.04281	9.782412	28.3901	14.08999	20.11384	18.92052	14.86987	9.671582	7.946301	15.92281	14.68671	12.90391	17.96997	12.62329	13.36916	
CUST_47308_PI429010886	M75554	0.002439239	24	3						15394.16	470.2656	13043.65	17692.35	26056	32454.44	59.70409	1359.053	105.3966	7695.811	13812.43	16221.54	9194.226	14526.85	23739.57	12.53109	17.20363	87.41282	47.19838	840.0505	122.3002	5085.201	998.7674	4928.217	69.55765	1244.709	354.1831	
CUST_2984_PI429010886	N13543	0.002439239	24	3	194910179	GG11231 [Drosophila erecta] >g			1.81E-41	651.9522	176.549	862.8898	991.8349	1068.26	935.0962	115.5105	177.0208	175.63	152.4355	765.466	559.9215	215.3375	968.7419	808.8122	125.3559	162.3101	123.7963	167.6224	162.0504	150.9231	306.7699	352.1552	344.2242	163.8342	180.2441	186.6982	
CUST_19259_PI429010886	N41266	0.002439239	24	15						140.7023	341.3363	212.2192	158.0988	83.1934	115.6711	323.5934	248.2232	238.5827	305.7009	146.7486	171.6359	188.2081	336.3654	151.5059	408.1119	475.4976	450.1126	233.7126	175.8219	238.2083	190.0165	237.439	175.6041	242.0464	234.7388	181.0435	
CUST_20012_PI429010886	N42645	0.002439239	24	21	242023449	conserved hypothetical protein			0.000000199	64.96779	104.9676	76.16048	42.93819	21.0164	49.18092	42.45638	216.222	130.8809	7.925431	35.67533	12.56829	115.7562	59.797	104.7235	110.6039	97.09091	140.5088	107.3228	119.272	111.9491	104.4062	166.7131	150.5856	189.2095	81.91112	138.7794	
CUST_1159_PI429010886	N8695	0.002439239	24	15	115382607	Litopenaeus vannamei clone c0E	Protein metabolism	Ribosome biogenesis	1.91E-95	26740.38	33838.77	22332.92	23658.24	20563.31	22092.06	27273.84	31543.85	30577.23	29037.53	24136.69	25403.62	26403.54	24040.66	22332.92	36043.3	31967.8	36195.31	31108.81	30821.46	31967.8	27347.94	25343.01	29037.53	32540.66	24040.66	25703.26	
CUST_1440_PI429010886	N9638	0.002439239	24	3						17623.06	931.5266	24341.41	43280.43	36302.66	38384.01	2710.483	4358.067	4234.05	30065.36	34486.72	38719.75	26129.84	23324.95	3120.6.9	683.1382	712.1062	596.2588	11138.2	7232.62	9889.351	38228.71	21224.39	28743.72	10156.68	20320.15	19903.59	
CUST_55735_PI429010886	M111521	0.002449892	15	3						19.12194	7.889571	23.67748	20.83109	24.79569	14.74196	13.31417	8.670444	20.29709	8.85643	19.21337	11.56862	NA	NA	5.848596	7.315528	3.167357	7.164507	18.20758	51.55894	51.75429	10.36053	10.3429	13.36241	10.22494	10.09623	15.87405	
CUST_32990_PI429010886	M5644	0.002453591	12	3	28465341	c-type lysozyme [Marsupenaeus			1.16E-35	510.3128	1588.642	39.39293	741.4284	NA	768.2904	1389.498	1151.33	456.2678	613.5208	335.4857	178.3834	1025.772	1442.661	640.5041	3060.056	2355.337	2384.985	702.325	347.0422	602.1887	251.6089	626.641	270.5362	1369.757	1002.076	12.00687	
CUST_44500_PI429010886	M66151	0.00245628	12	6						95.96578	41.21628	17.99135	24.1562	19.66532	19.74485	32.66921	20.86335	27.1946	16.85925	12.00687	15.85755	31.03777	20.41366	10.23574	19.99659	24.95817	15.63254	24.03275	34.66846	33.08424	22.19592	21.52336	25.96075	7.854749	12.4284	13.44127	
CUST_40596_PI429010886	M55564

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_12913_PI429010886	N30255	0.002582087	21	3						19.91267	17.88948	42.24729	52.541	57.31291	36.72586	34.53973	40.7485	28.47997	49.75454	37.72807	42.14237	19.32331	26.34051	25.68422	14.40443	40.2472	25.02499	23.53464	22.01591	27.2558	46.24985	26.71617	30.80841	26.85809	58.86475	54.79166
CUST_13078_PI429010886	N30536	0.002582243	12	0						209.8119	226.8625	227.2167	198.1201	201.6125	161.6606	157.2569	149.0714	170.9048	211.6596	196.6443	230.9439	173.9043	160.4657	203.4662	185.653	194.2319	198.8809	152.1194	191.7176	164.6109	213.6621	216.5044	237.0207	237.0529	250.4996	288.9345
CUST_8586_PI429010886	N23262	0.002582724	24	3						280.7257	282.5034	641.6007	669.9449	608.1132	694.1978	276.9819	428.0259	380.35	330.1913	499.3569	532.1418	435.0369	490.2242	703.6419	179.0947	248.2581	224.2885	288.7179	404.7958	346.6392	447.1876	453.8518	436.8847	289.8261	396.9983	448.2125
CUST_14953_PI429010886	N33750	0.00260093	24	15						130.496	113.4282	123.0785	86.16832	83.99404	71.31082	97.51431	88.75	97.44091	106.2889	71.69067	95.35371	108.7311	104.8028	127.4883	114.2304	160.8732	125.6606	109.9215	113.7264	97.2956	90.96558	101.8646	124.3455	114.3521	93.11317	110.5322
CUST_57151_PI429010886	E1735	0.002605118	18	15	242007134	elongation factor 1-beta', putati	Protein metabolism	Regulation of translational elongation	2.31E-13	5311.077	9837.56	6410.91	5244.429	4560.074	5015.024	9013.443	8451.427	7111.995	7316.568	4919.057	5769.472	6385.128	5442.505	5311.077	9819.956	10699.09	10109.9	7731.941	7353.952	8160.518	5110.752	4700.854	5593.889	6913.964	7558.705	6676.906
CUST_37752_PI429010886	M21387	0.002605118	18	3	149675211	cuticle proprotein proCP5.2 [Cal			2.53E-77	25403.62	814.0506	24659.23	34877.59	35738.11	31206.9	2168.846	4258.14	4398.359	26678.14	40595.56	24721.57	28210.59	16874.05	30352.12	721.1898	679.68	561.2356	9179.508	5744.161	10260.07	37213.84	28943.19	38060.46	9392.481	15731.96	20871.55
CUST_18091_PI429010886	N39123	0.002605118	18	15						61.03293	78.76138	31.41902	32.68105	27.83033	33.97586	69.06598	52.51146	53.41659	48.23892	37.14951	37.22016	51.44911	52.11743	38.00971	85.95962	52.0293	68.57845	52.17564	71.14732	53.21955	24.40409	33.95966	32.5401	36.26082	58.16712	29.39693
CUST_46372_PI429010886	M72422	0.002606052	12	0						15.08312	20.71687	22.95726	11.53299	15.50088	12.36534	16.07832	12.51777	14.83387	10.67194	10.8257	9.048157	14.21806	14.84278	16.35547	25.13355	15.64425	22.96223	5.758808	14.67376	5.831039	8.457185	8.891795	13.88844	38.12534	14.57595	27.42998
CUST_37376_PI429010886	M18825	0.00260611	24	0	256539086	fatty acids binding protein [Fenn	Symbiosis, encompassin	Viral process	1.79E-31	2777.197	4109.069	3069.207	2721.255	1401.718	1767.886	3336.354	1910.884	1926.392	2706.184	2204.749	2130.512	3301.049	1363.959	2047.134	1514.569	1971.443	1125.978	2775.294	2477.377	2906.899	3346.038	3052.051	3356.595	5329.024	2816.959	5756.98
CUST_30853_PI429010886	M5	0.002612562	24	18						5119.273	10294.69	6845.752	5311.077	5578.907	4569.485	2981.297	5394.696	9013.443	10641.47	5402.577	7886.969	8736.825	2915.434	4928.217	10966.45	10311.23	10209.43	18320.9	12317.37	10550.02	12236.09	10193.49	10727.23	22777.74	5456.239	14137.09
CUST_9166_PI429010886	N24167	0.00261419	21	0						243.4049	261.9111	157.4954	172.2349	136.5218	129.6173	196.526	107.2724	120.4647	223.1865	135.1327	201.9179	125.679	111.0263	109.2995	134.6275	219.3902	143.3201	127.1117	132.1793	184.1934	241.668	207.9921	204.3998	236.43	129.3215	209.6968
CUST_15100_PI429010886	N34009	0.00261468	18	15	322789712	hypothetical protein SINV_0326			1.11E-13	50.69492	63.67982	46.1196	47.28223	53.5836	46.52035	61.16761	79.84725	61.83411	52.46839	60.48585	51.68671	54.6004	56.9001	155.3994	64.97632	132.8203	96.80429	40.7495	63.61175	67.88505	33.08424	52.01796	47.91548	58.28361	52.29097	45.23829
CUST_36602_PI429010886	M16332	0.00261577	21	15						47.88919	63.77213	16.66622	74.98208	12.11179	72.47632	141.9587	68.71816	62.09142	93.91412	88.84654	38	122.0941	76.98432	70.06906	261.0851	296.5339	153.1388	115.6931	16.82245	91.15714	33.26372	51.33814	38.41822	118.1166	96.44195	14.31736
CUST_40227_PI429010886	M51899	0.00262418	21	9						57.20137	27.39273	13.82768	46.85381	35.1903	56.76432	64.54113	44.80668	50.03686	99.57709	57.51072	62.44379	101.6403	39.53737	48.7032	63.51585	41.12558	53.01786	41.56038	34.1983	44.99422	42.60881	31.45923	43.86651	46.57555	33.99771	43.74346
CUST_53660_PI429010886	M102676	0.00263576	18	15	284027780	trypsin 2 [Panulirus argus]	Protein metabolism	Proteolysis	1.17E-11	18966.14	20616.2	16288.46	10699.09	11503.97	10897.12	22332.92	28414.17	23379.75	21758.66	16913.15	16981.94	17623.06	16553.17	13837.12	26803.66	21645.19	23739.57	16622.66	18235.97	20099.82	16014.56	12359.97	16151.95	19522.5	14764.65	20172.23
CUST_5350_PI429010886	N18577	0.00264266	24	18	260796465	hypothetical protein BRAFLDRAF			3E-14	52.9338	107.0876	102.5191	56.31298	62.19095	46.74583	77.53014	89.39537	85.99964	75.12894	68.7221	62.03768	95.65727	78.92328	68.33852	88.71852	107.8039	103.7748	80.26815	106.7719	129.1152	81.36078	113.187	117.4173	81.42279	97.22863	95.70549
CUST_9172_PI429010886	N24178	0.00264266	24	3						31.97992	40.92496	28.48764	44.38354	59.55786	52.19714	47.32106	39.73245	31.60141	29.46145	59.51724	38.18197	37.03848	42.90506	33.43972	25.87711	42.71727	30.6656	29.79615	26.11949	33.81651	37.94596	30.6774	36.02118	26.32889	42.50386	42.69941
CUST_55561_PI429010886	M110723	0.00264529	24	18						1972.757	3584.754	2588.32	1698.955	1969.061	1628.405	1158.095	2171.504	2185.802	2239.116	2114.8	1712.689	3331.869	1999.848	2915.434	3272.412	4383.744	2952.044	3706.021	3073.818	2734.019	3862.287	3085.208	3090.222	5233.042	2113.55	3608.266
CUST_23630_PI429010886	N49167	0.00264874	21	15						33.24054	52.53935	41.65139	60.37856	49.89765	68.30948	51.21191	57.24758	52.07351	61.2068	56.76972	8.822371	73.07238	57.95506	60.79074	136.6363	87.43473	92.66549	45.97159	41.65544	58.31899	41.62236	36.30672	48.04838	60.74813	72.5233	43.7275
CUST_36997_PI429010886	M19165	0.00264869	24	15	13898841	CUB-serine protease [Panulirus s	Protein metabolism	Proteolysis	1.28E-67	102.8659	72.85755	68.99631	156.9654	24.44847	146.1482	316.7134	233.8101	273.8856	501.1967	285.4767	46.14458	277.8871	200.5182	173.3886	109.6774	283.351	751.2377	252.5592	552.0475	649.1337	254.3008	44.89359	168.564	403.3152	173.3886	225.5927
CUST_43195_PI429010886	M62375	0.00265307	24	18						48.49422	75.24855	80.47316	37.23401	35.18743	12.89756	61.78991	42.69638	71.17214	56.38348	47.39716	33.44592	65.48356	43.57748	43.6037	83.4637	67.97894	97.14951	84.02947	72.4917	67.50363	62.65711	60.98236	74.37918	61.74773	57.68424	84.47977
CUST_45481_PI429010886	M69244	0.00265482	21	18						20.59845	26.25684	28.6389	9.547929	21.95424	4.797128	11.78676	14.42283	22.99386	14.06396	25.83296	27.65161	21.74375	14.98899	20.75814	22.52975	25.08449	24.62618	27.23388	23.99679	31.87047	9.095729	25.46423	22.60509	4.151518	18.76293	21.74621
CUST_38063_PI429010886	M23139	0.00265961	12	0						1230.895	662.7709	1143.807	1298.045	570.8807	565.424	488.3385	467.6907	869.9307	938.2916	923.7499	711.5947	2787.074	1227.139	2204.749	270.6947	605.6304	540.2756	707.937	659.7683	801.0558	1718.114	1187.586	1033.091	1007.681	581.4931	1670.335
CUST_23709_PI429010886	N49331	0.00266414	18	15			Protein metabolism	Ribosome biogenesis		33508.11	45257.85	40415.13	26299.14	28025.82	27665.22	37765.06	34757.71	36571.4	36724.45	28210.59	31801.71	30257.2	34173.92	29122.17	40024.21	40217.51	43955.79	33838.77	36571.4	44112.52	24136.69	30577.23	30577.23	30821.46	28561.19	35607.66
CUST_9151_PI429010886	N24141	0.00267861	21	15						125.5382	141.8013	111.6675	117.9281	107.567	92.13972	129.7428	107.3799	102.4481	138.9837	103.5272	130.2225	110.145	243.9595	274.6135	166.5631	141.8724	135.9219	155.9816	109.3497	110.4109	117.7425	94.00187	125.7133	121.9377	100.8009	103.8712
CUST_5812_PI429010886	N19230	0.00267023	24	18	321463625	hypothetical protein DAPPUDRAF	Metabolic process	Nucleobase-containing compound meta	8.36E-133	260.9147	563.4896	340.6386	247.0114	419.8124	338.3225	338.9144	385.6128	479.9831	269.4056	314.7808	318.037	332.0817	298.3765	337.5198	347.9647	869.3099	526.2718	442.7601	679.6938	937.1039	441.3596	466.4341	570.5532	340.3327	313.2232	445.1432
CUST_33304_PI429010886	M6546	0.00267380	24	15						23.97222	37.50107	24.40118	46.81135	29.43929	41.03485	47.7452	43.85961	35.42699	53.20126	31.45292	43.07048	57.8427	41.96551	37.31263	54.47023	86.7231	47.30405	37.95004	36.15228	37.20732	28.42265	44.6746	44.43625	42.92276	36.16345	24.38824
CUST_42887_PI429010886	M61517	0.00267923	24	21						12.48201	12.99289	15.78726	6.805347	6.233337	13.89687	7.733714	9.468977	12.14749	15.62048	11.78126	10.5385	22.69623	16.35396	11.9832	17.94579	21.43699	11.33953	15.1083	13.93184	15.17465	18.57337	17.26844	20.57756	15.0661	10.60676	16.24245
CUST_21846_PI429010886	N45963	0.00267923	24	21						30.81966	24.73949	30.8769	25.82769	23.96123	25.69634	18.68212	18.9132	25.30391	28.30304	19.99659	22.08061	25.94465	26.06422	30.74499	31.75441	23.56774	31.94579	28.70137	18.7439	28.16926	32.31005	31.50944	31.92217	25.05534	23.8982	37.55747
CUST_5412_PI429010886	N18666	0.00268483	12	3						315.6063	335.6891	376.9694	370.8194	360.6967	298.928	294.7488	272.9604	286.1136	287.4579	309.3501	240.3468	299.3012	370.6325	233.6058	569.7522	605.4928	708.4537	395.9506	528.2931	684.1238	225.3383	230.9439	272.5621	632.8123	546.5288	441.3596
CUST_56455_PI429010886	M113840	0.00268727	12	9						242.0929	28.11739	406.8432	284.1348	172.0707	188.656	41.83378	141.1162	242.8747	369.5842	275.293	291.198	490.7221	268.3054	446.9571	15.48991	NA		14.70794	177.7913	301.6948	333.4754	884.1094	991.5499	1010	210.3322	299.5341	614.2194
CUST_3014_PI429010886	N13604	0.00268911	12	9	241999376	ubiquitin protein ligase [Ixodes s	Protein metabolism	Cellular protein modification process	6.53E-34	153.8272	134.5506	165.6234	222.1435	144.474	165.8233	119.5461	115.6711	107.2961	250.621	575.8046	213.2149	264.7345	169.4561	221.2277	73.22433	71.13619	64.64642	121.2679	94.96672	102.9729	265.4524	291.7534	315.5362	132.3978	288.7764	348.0379
CUST_45766_PI429010886	M70222	0.00269763	18	15	345493892	PREDICTED: protein spinster-like	Transport	Transmembrane transport	1.28E-18	33.55937	31.43117	23.37452	17.51582	24.25396	26.93456	34.59167	28.3093	30.46011	41.53886	19.93149	33.06459	36.08683	25.06692	24.89861	51.43184	33.2148	30.92922	25.49204	24.4152	26.5296	22.87607	21.73011	26.41747	30.77357	30.21832	27.97412
CUST_39368_PI429010886	M38452	0.00270214	24	3						578.1548	9.759969	569.7522	1179.476	724.6231	1201.304	NA	6.692466	NA	205.0491	436.0075	365.7666	300.9971	375.5874	587.3135	4.255823	NA	6.324357	NA	20.15584	7.350212	388.4776	379.3272	533.6749	10.53196	196.1132	265.6845
CUST_3349_PI429010886	N14331	0.00270563	21	0						399.6202	590.9599	NA	156.1141	248.6699	187.6285	126.4205	229.7477	5.345575	6.065608	NA	129.4034	NA	29.80233	382.6455	25.35952	498.4242	255.3925	149.9126	307.9246	37.80204	399.4873	NA	676.6048	NA	94.94968	47.8469
CUST_36706_PI429010886	M16598	0.00270612	24	21						187.1683	200.9398	229.393	201.155	189.1836	198.4395	185.8563	187.8136	178.6434	183.7151	201.258	197.0569	236.8696	184.7436	224.9241	189.0814	245.7379	199.1806	180.5334	191.2458	187.0996	264.1326	248.9012	231.2123	246.6569	214.8053	308.8707
CUST_51834_PI429010886	M95322	0.00270973	24	9						5002.917	3911.515	4819.372	4727.546	5068.287	4114.144	4772.224	4445.119	4680.36	5191.892	4193.691	5162.169	6470.198	3614.192	3327.482	2371.181	3835.495	3098.696	2264.823	4207.659	2926.153	4279.69	2858.309	3120.055	3717.963	4077.152	4326.077
CUST_19547_PI429010886	N41759	0.00270806	12	0						21.70891	23.26403	31.17381	30.00811	26.0838	21.82274	14.65727	19.95043	21.3859	20.76565	21.60709	22.67946	27.38458	21.0526	34.15718	21.06899	31.85963	28.94147	26.72462	18.16224	20.63528	28.92548	22.07129	29.53009	33.46312	33.72798	56.07467
CUST_15292_PI429010886	N34343	0.00270829	15	9						139.5639	265.0552	237.835	159.4235	213.3048	209.4303	204.1061	228.7481	244.6553	271.2533	308.9438	326.5385	238.0667	256.2719	264.3686	338.8265	337.4051	303.4901	252.989	249.0801	182.2908	321.1394	278.7033	326.5385	365.989	303.9295	385.121
CUST_3454_PI429010886	N14537	0.00271478	24	21	326781695	crustacyanin subunit A [Fennero	Transport	Other	2.29E-30	2097.341	336.6729	2122.683	2988.845	917.5193	1323.872	2033.3258	563.3118	822.6543	945.6613	1019.08	706.4981	2037.287	65.08113	1512.062	343.7299	1509.047	204.2969	4238.105	1111.297	2844.645	9285.648	1909.699	7518.482	4453.231	993.1872	2494.519
CUST_25524_PI429010886	N52570	0.00271478	24	21						886.7077	735.2877	706.8768	662.0947	730.7886	636.7343	680.4062	547.6961	654.9488	885.5204	547.6961	769.0192	916.1745	565.6114	595.0044	821.2893	575.6253	665.873	822.9225	667.0187	781.7261	1032.593	994.081	942.2704	909.1828	645.2626	1075.892
CUST_16414_PI429010886	N36198	0.00271914	21	15						79.28417	65.17942	NA	48.5088	9.257058	52.8767	72.43858	38.30361	48.02051	22.48894	27.32212	3.696889	49.49501	205.2018	42.3598	237.2821	127.579	71.31082	151.3538	4.906349	90.53932	NA	108.7551	NA	25.56436	38.2274	NA
CUST_20849_PI429010886	N44184	0.00271932	21	15						138.8656	277.8871	50.51216	202.8718	80.53824	167.3834	357.575	263.9734	153.7917	281.2628	197.6734	85.41835	205.1165	263.251	211.4988	444.244	395.5893	362.5984	282.9282	53.33823	229.0326	106.0881	175.8857	83.65467	207.1791	185.4321	40.20336
CUST_48395_PI429010886	M80127	0.00272771	18	15	371591236	Euphausia superba voucher 760			5.72E-101	26.42112	22.01591	23.34681	8.4248	14.2083	11.50838	14.71023	30.19163	22.9911	35.69023	25.56702	9.994225	17.19685	14.27815	15.06825	26.74791	26.83914	27.68187	19.1981	19.63566	17.85602	14.51258	8.38931	14.79429	27.87602	17.43861	19.98159
CUST_3523_PI429010886	N14681	0.00273167	24	15	390331875	PREDICTED: early endosome ant			3.99E-27	30.35094	35.82162	33.22428	23.8475	34.79855	34.58873	34.35183	46.25621	47.70295	46.43451	49.70798	45.17758	32.70202	49.22608	43.57254	59.55786	42.29499	50.26433	39.75608	37.24532	52.70656	48.00737	36.08683	47.32579	25.92125	33.48088	45.56749
CUST_10858_PI429010886	N26906	0.00273359	24	15						166.3542	240.2645	195.7159	187.3336	139.6371	199.908	197.4942	213.9775	190.289	199.0025	177.4557	219.7957	200.0099	180.676	160.2997	257.4304	257.3231	215.0483	235.8737	245.6327	204.7458	227.4568	221.0978	204.3998	199.6163	239.5431
CUST_20147_PI429010886	N42888	0.00273616	24	0						13.71572	64.08368	63.9762	15.82642	9.810166	NA	9.633908	20.40329	35.86186	23.62454	13.95642	14.30221	10.30511	9.464633	6.662217	8.395174	15.33232	10.45084	15.69192	40.51232	24.64222	5.877513	18.66636	16.69734	50.8191	17.34255	43.32608
CUST_39257_PI429010886	M36788	0.00273737	12	9						4012.41	45.70271	4536.055	7993.785	3640.441	4981.65	663.421	689.88	1306.636	8996.679	10966.45	5258.496	11998.69	4302.905	8400.194	16.62679	23.16272	48.31065	2168.846	1816.946	2797.556	10569.33	10017.83	13154.56	3731.866	5427.368	8016.887
CUST_43606_PI429010886	M63489	0.00273737	12	9						36571.4	15394.16	40915.77	51269.31	15942.89	25555.67	26491.1	28210.59	30721.41	44722.61	50283.97	30257.2	42662.49	25130.01	26740.38	4545.107	8098.961	7506.653	41258.32	36302.66	35157.95	45964.24	49895.87	38228.71	31289.71	46458.58	32454.44
CUST_2058_PI429010886	M11448	0.00273696	12	6						919.6173	1510.508	1260.62	891.7043	778.2044	868.9348	431.346	841.994	1043.605	1179.476	1048.592	538.9124	1058.187	821.2893	1348.208	1584.461	1152.159	1218.815	883.7364	1279.64	957.3975	1573.941	1328.27	1582.625	1971.443	1155.769	1758.225
CUST_41746_PI429010886	M58445	0.00274492	24	15						32.54957	29.4239	34.09055	38.82958	55.97133	21.17352	41.57926	43.73952	40.48622	44.14843	49.91567	38.19516	36.48955	47.69014	40.7495	62.96888	54.96965	40.54573	31.82888	55.35654	55.15568	47.92699	44.76312	46.26444	32.5401	30.75945	45.78936
CUST_43004_PI429010886	M61827	0.00274492	24	0						174.4363	122.1528	127.8882	87.64548	111.105	103.4258	122.9878	62.3082	121.1493	97.40632	88.01649	60.16049	132.4149	90.28649	106.8102	97.62059	49.94673	83.86117	102.7444	93.14105	113.222	126.8065	89.7139	181.5472	104.2265	178.896
CUST_50520_PI429010886	M90126	0.00274492	24	9						29.24032	27.77493	47.45455	41.51635	54.02691	49.63135	49.39254	29.5453	41.86801	51.27875	51.62156	67.01762	44.19365	63.28348	60.97733	50.0221	36.69203	50.64118	26.18926	20.19611	32.57078	46.34194	39.60825	44.29702	28.26373	19.98159	43.99536
CUST_35597_PI429010886	M12985	0.00274714	18	12						395.8718	387.8304	395.4956	198.5315	318.037	217.9731	320.3348	478.8721	354.2621	380.4577	378.6955	406.254	379.9317	454.3052	444.5929	330.6996	426.5559	423.7011	342.3913	373.2381	319.3342	327.1238	374.1555	360.3638	298.135	298.3249	472.1134
CUST_24423_PI429010886	N50597	0.00274879	15	6						10.72911	8.58312	10.98328	18.27547	16.71379	9.237704	12.55746	17.17582	12.91646	9.526147	9.321353	12.34692	5.38307	7.140165	6.13309	8.664483	4.127575	17.12756	9.959247	9.221685	10.59156	16.65836	13.38008	9.695023	4.415227	12.99454	7.575524
CUST_56353_PI429010886	M113575	0.00275037	24	3	32527554	Squilla empusa 28S ribosomal RI			6.18E-116	389.5477	226.4976	352.9709	430.2082	633.9987	787.5865	193.4185	511.8036	156.7032	134.7853	240.9716	238.3483	122.8067	239.9273	77.01155	91.22685	169.34	115.921	49.13607	615.1114	51.49011	124.2158	289.3915	110.8928	68.30948	618.1517	73.54748
CUST_32327_PI429010886	M3809	0.00275037	24	21						919.6173	1510.508	1260.62	891.7043	778.2044	868.9348	431.346	841.994	1043.605	1179.476	1048.592	538.9124	1058.187	821.2893	1348.208	1584.461	1152.159	1218.815	883.7364	1279.64	957.3975	1573.941	1328.27	1582.625	1971.443	1155.769	1758.225
CUST_11116_PI429010886	N27292	0.00275037	24	21	66556185	PREDICTED: exocyst complex co	Transport	Other	1.97E-63	38.03345	48.92732	45.93656	44.03643	33.75549	44.72435	31.40589	44.29702	35.92906	42.2771	34.79855	39.34641	44.32333	44.49549	38.86376	59.35684	45.53057	49.65645	48.99281	32.36331	49.15533	51.22586	47.06434	52.14659	59.01526	44.03643	55.01217
CUST_22522_PI429010886	N47183	0.00275037	24	21	158285793	AGAP007367-PA [Anopheles gar	Transport	Neurotransmitter transport	6.24E-17	137.9543	143.2463	184.4707	103.7292	109.2373	140.9846	100.4112	120.4803	132.329	173.2168	93.52245	144.4115	140.2946	101.4001	144.5963	184.1477	109.6621	178.1474	187.3503	151.8112	146.093	197.4226	155.8206	149.769	183.9971	168.4596	163.5142
CUST_3036_PI429010886	N13652	0.00275487	21	0						636.7343	890.6088	731.5275	562.0064	541.0757	512.0349	488.48	663.421	646.5974	580.9599	623.7953	536.0532	585.1407	410.1393	426.5559	578.8472	805.8552	696.0096	674.8039	608.6613	746.9967	687.4827	739.9176	673.8771	645.7283	617.4977	655.1561
CUST_39963_PI429010886	M47548	0.00275863	12	9	157129412	hypothetical protein AaeL_AAEL			2.19E-17	1731.406	174.5649	1661.512	3050.493	785.0219	1395.332	450.4965	726.2724	1127.159	2355.337	4101.099	1666.955	3182.56	891.7043	1555.177	72.46811	105.3222	112.7999	1083.233	958.9028	1875.312	2855.927	3243.823	3426.429	1393.878	3699.413	6240.674
CUST_30203_PI429010886	N61380	0.00276682	12	3						31.62493	35.55192	NA	34.92495	29.67188	33.12003	30.02336	35.83339	20.84244	17.51375	23.33045	4.974069	33.95212	32.51285	14.64332	39.57166	16.04505	35.95603	25.68152	28.13497	29.65224	7.266309	17.87527	5.689801	19.95043	33.4664	17.11411
CUST_11182_PI429010886	N27399	0.00276919	18	9						10.16523	13.93184	17.91933	29.4515	29.51504	21.2594	29.66835	25.91577	21.54067	29.12453	23.60789	31.64075	20.57756	19.95957	24.4203	24.29655	12.08147	22.53586	15.71978	16.73229	18.24693	37.03485	22.5248	23.01448	23.30032	14.71575	29.0511
CUST_6727_PI429010886	N20520	0.00277282	24	3						54.21756	28.27682	24.2956	27.87953	55.8305	72.0781	18.83308	NA	17.15077	NA	6.710675	15.61685	16.88502	23.35468	60.27161	19.14033	5.085926	5.952255	NA	11.49713	NA	23.08008	8.922458	26.32557	NA	47.00541	NA
CUST_12797_PI429010886	N30067	0.00277424	21	18			Metabolic process	Carbohydrate metabolic process		387.249	162.844	197.3862	252.2559	81.67118	121.8217	455.7266	770.1221	642.5938	479.3697	244.266	80.09123	624.9341	374.6189	180.8767	1094.513	757.8952	920.7381	1288.168	682.7328	1341.551	250.2264	24.75929	172.9954	402.7185	138.8656	142.8894
CUST_28887_PI429010886	N58790	0.00277694	15	9						1965.01	152.4015	1999.848	2911.669	1896.629	2037.287	297.4214	301.7541	308.4293	3036.167	4383.744	4145.789	4097.003	1455.905	2867.707	144.474	123.6404	108.3364	423.8193	367.2975	454.7075	2698.998	2996.567	3393.901	680.9887	2710.483	4093.741
CUST_13399_PI429010886	N31294	0.00277694	24	9				

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_38801_PI429010886	M30619	0.002875299	12	3	391333258	PREDICTED: uncharacterized prc	Response to stress	Response to oxidative stress	1.56E-25	588.5037	342.9247	736.5204	697.2436	437.4032	621.1319	733.0037	567.7111	313.4731	330.8653	173.4784	62.88893	1193.156	1410.73	803.3036	2469.347	785.3422	2007.702	1214.453	1132.862	2904.283	182.8221	111.371	148.3567	891.7043	239.8291	517.9425
CUST_37696_PI429010886	M20783	0.002876874	24	9						28.3766	14.34832	20.68602	49.06379	26.71901	16.81913	37.50107	18.12289	8.324734	62.35301	29.3468	31.09684	28.84875	19.68364	24.09713	26.12743	15.87729	34.70197	19.78002	16.0845	24.03275	14.68671	17.67979	22.36702	8.293234	10.77751	14.19869
CUST_20334_PI429010886	M23256	0.002881965	24	21	321468336	hypothetical protein DAPPUDRA	Cellular Process	Cell adhesion	1.74E-27	5.344742	21.46191	20.60087	20.46072	23.81811	25.74022	13.30593	25.45723	17.26521	16.8271	5.72209	10.49914	18.35653	12.49542	20.29057	23.92281	11.5282	7.660563	25.79038	16.73896	29.18456	31.03967	24.01925	24.07202	26.37524	22.46641	
CUST_26856	PI429010886	N54993	0.002882774	12	0					146.4834	222.2656	274.6135	97.97985	344.0033	261.3125	26.80709	75.77051	33.80913	125.3559	343.4733	165.1445	110.45	273.8482	271.6574	109.9399	143.902	77.56319	55.63371	100.7083	56.72705	56.08545	81.29518	88.06844	50.90626	244.2151	290.2762	
CUST_27183	PI429010886	N55593	0.00288495	24	18					70.01827	114.5608	104.8456	85.54538	74.56212	61.78991	53.37075	80.02644	87.61045	104.2957	94.17512	108.8028	85.49462	102.9317	87.55235	101.5466	127.7453	137.7249	122.9659	104.0575	110.519	102.015	100.7618	95.27189	98.01972	104.0463	129.6975	
CUST_37205	PI429010886	N18179	0.002891064	24	21					20.81559	14.86874	41.14081	17.47911	20.42799	21.37846	12.36397	11.92532	15.1083	16.8613	20.21086	20.32505	16.96414	18.1992	21.98953	30.69521	9.113167	30.96768	24.23607	20.945	18.12496	36.53396	25.83559	26.75452	46.43071	30.445	42.72425
CUST_26518	PI429010886	N54381	0.002891086	15	12	242025134	conserved hypothetical protein		3.63E-17	NA	12.50469	9.468977	3.307438	10.70051	8.438338	10.52106	12.55999	10.17394	11.00269	6.479989	10.54437	70.63176	NA	12.33889	9.194171	5.767359	10.70872	5.349722	5.415947	4.861279	5.339243	5.656717	13.66542	9.724209	16.79206	14.87994	
CUST_3611	PI429010886	N14881	0.002900737	12	6	212283656	gamma-interferon-inducible lysc		2.76E-79	NA	NA	4.152717	38.85319	NA	46.91122	743.9121	NA	561.5074	95.65727	58.49962	NA	21.66219	25.0763	34.54981	121.7787	NA	105.242	577.9786	1534.389	3142.5	159.3169	NA	183.6827	473.1245	84.61068	481.3104	
CUST_20529	PI429010886	N43614	0.002901747	15	9					30.54671	25.30919	35.06077	21.51186	18.22098	30.54385	24.26872	13.6668	29.21491	47.61057	90.60669	33.80053	30.99993	22.45487	30.71702	26.43885	24.45965	29.24359	33.9482	22.65356	27.43571	38.31063	26.23262	32.3737	35.99333	37.34896	36.42929	
CUST_56691	PI429010886	M114428	0.002903323	15	6					537.3205	624.019	508.0836	746.1539	564.2041	484.0256	630.5448	844.8862	962.3475	490.8866	492.3638	473.8372	558.9714	386.7231	394.9633	385.5175	614.0454	623.1184	791.8334	555.8829	443.355	782.6486	615.2672	617.1935	740.5837	515.6628	511.8036	
CUST_54188	PI429010886	M105004	0.002904373	24	21					323.446	326.855	329.3762	314.8641	354.1831	309.6955	302.7218	288.0498	342.7829	300.8131	285.8344	330.9231	300.1105	302.7771	252.7366	365.2368	348.11	384.9395	338.6752	292.8798	427.1681	343.8057	368.8823	390.0801	318.8359	394.7866	409.7628	
CUST_53520	PI429010886	M102096	0.002904736	21	15	321466278	notch 2 [Daphnia pulex]		1.17E-41	132.2682	102.8763	79.66914	142.8894	96.86942	176.076	227.1713	114.2058	124.3819	289.3393	135.6611	183.8614	202.8062	96.48781	209.9538	397.2907	242.6247	241.4743	180.4189	55.73019	174.3193	129.1955	87.47672	119.6854	198.84	141.753	77.91051	
CUST_45136	PI429010886	M68098	0.002904884	12	9					145.1606	25.93791	142.9786	168.511	72.92411	119.4045	42.2265	35.86186	45.68766	381.3569	154.3027	338.6752	110.1325	66.58185	103.1735	11.93224	27.56835	14.7781	47.38682	35.4467	31.92535	277.5468	277.3007	326.855	48.84433	51.63077	93.51275	
CUST_46530	PI429010886	M72909	0.002904905	24	15					7.27562	9.033804	9.20883	12.80411	9.796996	22.10929	17.23246	12.36397	11.92532	15.1083	16.8613	20.21086	20.32505	16.96414	18.1992	21.98953	30.69521	9.113167	30.96768	24.23607	20.945	18.12496	36.53396	25.83559	26.75452	46.43071	30.445	42.72425
CUST_25695	PI429010886	N52895	0.002905117	24	9					7.660563	7.606464	NA	12.18092	352.9709	183.5637	7.118638	24.22177	5.873873	NA	152.8076	236.6856	NA	152.9126	221.0978	15.50088	NA	NA	15.59239	7.293154	9.551996	3.854367	4.81366	5.608764	NA	19.52695	NA	
CUST_48836	PI429010886	M82401	0.002906501	24	15	428186095	hypothetical protein GUITHDRA	Protein metabolism	Protein folding	0.000000506	10.06809	10.55325	18.03458	9.445121	9.492246	4.328821	NA	10.64561	7.186563	12.939	12.02014	11.94845	17.34255	NA	12.86215	23.61225	15.74936	11.99226	8.641728	43.4735	16.44032	18.21466	10.99207	11.36956	14.80803	11.92197	9.578088	
CUST_22442	PI429010886	N47037	0.002906539	24	3					20.03497	9.180205	13.40089	11.42758	26.16413	25.29001	12.31866	14.92039	15.63819	10.16286	17.89355	20.80218	3.83344	21.01433	15.15512	14.11696	14.91234	8.987086	8.484214	4.452263	8.713271	NA	9.730417	8.544323	11.16104	10.28796	8.176241	
CUST_31081	PI429010886	M653	0.002907504	24	18					47.36202	70.78842	58.62146	40.01947	47.18539	46.64063	46.33211	55.8305	58.42497	54.41132	52.07927	54.81901	58.52453	54.8814	54.68833	56.93121	89.5211	82.36909	64.96779	55.99408	86.37483	48.65167	58.38713	64.81491	59.33452	56.37375	69.22757	
CUST_10613	PI429010886	N26507	0.002912807	15	6					NA	26.06752	103.97548	7.008745	10.08281	9.659899	9.533566	9.45412	6.443218	8.025098	6.805347	NA	NA	10.56907	9.350524	101.1716	27.74851	14.15522	13.59928	7.482905	27.75587	6.68956	9.203866	8.235338	10.08072	11.57988	9.180205	
CUST_38129	PI429010886	M23511	0.002916194	24	15	498935050	PREDICTED: neuroglian-like isofc		3.29E-08	132.2204	572.5561	291.8765	207.4443	103.7748	102.7615	372.1298	177.388	485.8608	300.9346	95.93997	162.2343	351.2785	53.05853	263.0087	623.7953	1269.387	1183.556	399.2455	663.5871	588.164	218.7535	194.3551	289.1658	295.8529	136.314	307.2712	
CUST_46859	PI429010886	M73967	0.002916194	24	9					26.60721	33.57662	31.16363	38.086	68.27308	47.71104	28.00501	46.14868	30.13995	45.17249	59.15801	48.96189	43.5104	52.2471	38.76999	36.23648	38.53699	23.79553	34.18125	32.19586	13.84795	14.31392	40.02352	21.32425	28.25712	40.53493	30.26124	
CUST_3272	PI429010886	N14157	0.002916194	24	21	260828941	hypothetical protein BRAFLDRA		1.18E-88	17.38353	39.2895	36.91722	32.66921	34.20262	29.64873	27.2264	36.56941	30.53772	23.71643	27.45155	25.87214	32.26395	31.88159	20.41652	23.4616	51.63636	29.8472	33.86491	34.27669	36.34979	41.54368	37.03185	36.27638	31.68332	32.00302	53.14759	
CUST_48366	PI429010886	M80008	0.002923819	24	3					278.0108	75.60649	112.6387	503.6798	1783.882	1239.815	77.78826	243.0739	65.90164	18.79764	954.4926	1695.11	24.53447	959.7319	1296.827	51.74535	18.59557	20.4011	14.90815	259.0205	9.261783	119.9522	74.51372	100.8009	NA	431.0524	NA	
CUST_38728	PI429010886	M29691	0.002926321	24	6	238625719	SpAN-like protein [Rimicaris exo		5.94E-19	5061.439	9129.704	7474.416	3485.281	3924.629	3629.795	11206.93	9980.233	10506.53	4900.819	5751.95	6201.489	4934.022	3688.899	5482.841	4461.089	6906.237	5947.47	4450.275	4545.107	3408.763	3104.628	4295.699	3731.866	7577.055	4427.539	4610.9	
CUST_42526	PI429010886	M60501	0.002926321	24	21					232.5608	319.7298	283.2866	261.1366	274.0938	219.8774	208.4776	270.2277	229.3211	274.6613	244.1329	274.1568	255.4927	239.5431	317.4998	343.906	337.0445	369.6716	299.4177	241.7527	278.9665	377.1487	279.9809	386.4267	366.7062	268.9804	408.0121	
CUST_46033	PI429010886	M71137	0.002926321	24	3	21357745	Glutamine:fructose-6-phosphate	Metabolic process	Carbohydrate metabolic process	1.12E-30	941.0274	501.7792	540.0952	681.2288	760.24	1162.935	418.1662	1062.332	372.5479	264.9858	253.6738	342.0443	297.7147	294.2148	397.9279	219.5016	217.9435	147.6215	119.8645	809.2125	99.74451	269.0492	340.7195	212.598	95.06795	999.9612	63.27624	
CUST_9869	PI429010886	N25327	0.002926321	24	21					40.91214	57.39735	49.51848	42.52944	40.99989	35.31786	34.37978	36.95293	45.87769	49.74586	51.68671	54.79166	43.77424	56.734	54.48769	46.90198	60.95576	48.01317	53.12256	52.15113	51.92132	64.69656	54.66218	67.01762	70.48984	52.26773	76.3423	
CUST_14651	PI429010886	N33235	0.002926321	24	3					89.57069	123.2141	72.27956	173.7538	164.2684	121.6759	94.20496	96.31678	99.22393	115.7057	123.1444	156.0011	85.07992	94.87741	79.37901	75.50155	128.4972	90.3848	80.16932	41.57553	60.44338	94.94344	112.0615	77.58626	79.06068	73.95531	75.83949	
CUST_19751	PI429010886	N42127	0.002926321	24	18					217.8383	268.2532	322.9826	233.5329	224.2885	221.0978	265.1126	268.5317	317.9491	279.305	265.6845	319.3342	308.3526	249.1748	281.9984	334.9433	297.8139	458.9701	325.8846	290.3829	374.7006	271.7825	309.5645	354.9347	351.5196	252.1635	400.7915	
CUST_25003	PI429010886	N51618	0.002926321	24	6					107.6017	97.6745	60.98236	114.3312	96.97291	101.8124	102.222	98.40391	103.106	61.51056	91.08467	84.69767	68.70029	97.51431	71.1642	99.47239	75.22137	62.52685	67.82594	78.07876	63.2086	57.14912	74.65174	47.51371	68.31562	87.30779	63.38213	
CUST_1499	PI429010886	N9825	0.002926321	24	21					166.4755	232.2882	209.9842	172.9496	161.8178	211.2323	185.4966	152.096	290.7575	185.1715	218.6368	235.6895	210.7377	191.823	230.2547	315.3455	197.5273	220.7429	388.4776	214.2511	245.2781	552.9475	460.1149	378.3539	340.6386	259.9408	199.3145	
CUST_7645	PI429010886	N21865	0.002932026	18	15	28465341	c-type lysozyme [Marsupenaeus		4.15E-37	214.8953	740.8082	25.25032	177.4828	3.421294	190.4302	464.4221	474.3448	195.2227	250.2647	138.3312	54.99013	391.3071	872.2903	299.6699	1672.68	1383.977	1249.272	319.2736	279.1951	236.6856	127.3889	337.2109	84.74637	553.926	584.6183	5.144631	
CUST_17365	PI429010886	N37835	0.002933405	24	15					19.02985	9.42167	17.49199	9.249852	9.547929	4.882539	14.98899	5.212339	4.276156	35.6426	3.520724	33.65745	39.24334	31.50316	36.14605	14.24201	36.33342	48.27158	46.80566	20.90896	36.03727	14.08189	45.19064	8.110275	23.51913	9.237704	21.66219	
CUST_3468	PI429010886	N14563	0.002943346	21	15					395.1137	530.0108	513.5436	295.8529	369.756	352.9709	587.5636	565.179	590.1632	547.8118	461.6561	408.8076	531.5525	496.1354	462.6929	501.5231	655.9099	685.9099	538.6242	380.5457	468.6225	425.6386	521.4036	443.6171	478.9906	392.4757	371.3812	
CUST_6005	PI429010886	N19493	0.002945843	24	15					117.7197	106.6739	127.3153	83.68571	74.46936	40.03773	114.8223	78.63104	79.17186	97.21065	73.75221	109.6043	116.9614	86.47683	78.49976	111.766	140.8152	95.74045	95.34191	73.4344	128.8875	138.0384	164.6589	156.3355	51.37499	77.43333	110.5907	
CUST_2911	PI429010886	N12129	0.002955179	21	18	390331900	PREDICTED: protein SpAN-like [S		1.07E-20	221.1109	320.1461	199.5124	220.2833	361.7315	291.4248	150.6494	401.876	125.4627	412.8294	280.6399	334.1242	370.8194	252.7366	284.6794	392.9094	444.4782	360.6127	453.3141	508.7574	365.8262	422.5065	236.013	359.8294	220.7406	92.12733	204.0335	
CUST_2511	PI429010886	N12535	0.002954607	15	0					9.530142	13.14676	NA	9.883782	12.939	8.879476	10.83803	9.01805	5.414126	NA	6.743875	7.812621	10.09352	15.00826	12.01275	13.40595	13.68243	11.27154	10.63475	9.625637	12.19654	6.830046	15.03281	7.295483	8.66264	4.378175	8.43105	
CUST_7446	PI429010886	N21564	0.002955602	24	21	291243192	PREDICTED: hypothetical protein		2.11E-79	77.62481	134.1618	114.3193	71.73966	65.42578	39.93436	99.96271	95.84452	131.8269	75.06278	81.84916	42.39291	110.519	57.56952	59.37073	101.0477	102.6964	88.79346	107.6336	132.1609	224.7434	132.9661	129.2573	166.1819	82.88351	87.97629	156.4112	
CUST_18778	PI429010886	N40391	0.002957182	18	3	321476640	hypothetical protein DAPPUDRA	Transport	Transmembrane transport	2.3E-19	29.89602	5.853456	20.50908	37.39308	31.42758	38.39235	15.29086	17.37168	32.42666	12.32049	12.37092	29.07103	21.2447	13.15906	20.02764	15.88853	10.47216	20.74174	27.34627	21.41461	9.877137	32.49678	29.07492	22.54559	39.11911	17.34867	31.7949	
CUST_36530	PI429010886	M16159	0.002961578	24	21					233.5705	253.9457	255.3925	252.6661	230.8178	210.4634	192.8085	244.5822	217.5404	248.0205	257.4878	267.1275	248.4015	240.2302	248.1114	247.2845	266.0382	268.2532	295.2364	246.9107	225.4711	301.4388	288.3047	310.6389	324.8189	270.3263	357.0377	
CUST_44758	PI429010886	M66898	0.002961578	24	18					69.60581	114.2468	91.43014	67.75299	78.10699	73.9144	73.75221	77.2068	72.16617	99.7036	92.75983	74.05592	81.72083	72.86661	87.75883	85.03859	92.90072	102.4622	120.513	116.6823	109.5188	54.54304	85.76428	83.92194	106.9946	109.1371	103.7292	
CUST_2298	PI429010886	N12047	0.002961578	24	18	443688979	hypothetical protein CAPTEDRA		2.33E-13	43.02903	51.7501	52.60565	44.23244	36.98315	35.99333	40.70251	57.66836	43.21465	52.71315	45.25376	47.22395	54.26863	39.89679	43.86651	50.36291	55.53179	64.78842	59.3504	60.52369	70.39513	40.83819	48.83893	49.18503	53.95129	50.71375	64.92793	
CUST_11597	PI429010886	N28097	0.002961578	24	18					88.71852	105.2562	82.63781	74.5042	38.39235	79.60935	120.3932	68.05647	97.12878	124.4898	71.95656	108.7707	91.11591	53.01138	88.75	141.5173	94.14191	120.4309	128.3674	126.8958	133.3192	101.9053	65.6817	117.5411	106.0382	81.43322	127.1117	
CUST_14585	PI429010886	N33118	0.002961578	24	21					179.9258	174.8016	109.0351	57.70575	154.9893	63.33433	100.783	196.0361	91.58124	137.6772	183.0069	230.2055	165.5673	207.3346	256.4131	157.0532	258.8256	165.9265	172.5012	190.5906	247.8341	287.8854	266.9539	447.1876	235.6895	140.9846	180.9942	
CUST_2934	PI429010886	N13421	0.002971663	12	9					321.5516	97.53962	291.8297	273.556	57.9689	175.7096	167.7764	129.9006	165.2118	404.7001	302.0716	360.8837	588.9309	181.1092	425.957	148.6211	142.3304	135.3048	322.3894	123.8699	316.6599	505.1911	323.0951	450.394	260.752	195.511	450.6028	
CUST_34632	PI429010886	M10191	0.002975042	21	9					449.7223	217.3138	436.9283	462.9596	381.5238	618.5099	442.7601	757.8952	480.1172	1355.75	760.24	824.0838	316.5315	583.5463	NA	329.0788	777.0993	545.1995	530.6367	677.4857	186.9009	404.0425	299.8024	398.3951	888.236	455.8434	1285.646	
CUST_39595	PI429010886	M41570	0.002977931	15	12					NA	NA	NA	NA	3.711245	5.177049	3.552913	3.055923	3.650634	9.021406	9.910461	NA	9.164016	7.807697	6.208575	5.329949	6.773043	5.758808	3.595434	9.298932	3.170868	6.008078	3.1054	3.032779	6.946877	9.117714	5.843012	
CUST_17644	PI429010886	N38330	0.002978808	21	15					194.3126	171.2412	154.1589	86.97617	135.7682	96.36643	206.4029	182.6495	237.7241	181.2265	159.5977	177.5137	157.866	181.7506	123.9222	226.0227	187.8778	199.8063	152.0785	143.0807	161.1223	138.8001	144.1169	157.3439	135.3782	132.3442	151.9479	
CUST_55627	PI429010886	M111021	0.002980203	24	15	13898841	CUB-serine protease [Panulirus	Protein metabolism	Proteolysis	3.25E-23	188.6256	143.8476	128.1605	349.3947	49.42284	264.8027	569.1918	367.0194	596.2588	722.545	380.1903	47.31029	437.6531	316.0187	387.5344	1710.003	603.766	1448.453	1020.042	853.7719	1447.815	1198.741	86.8615	1126.574	487.3173	116.3209	336.6041	
CUST_4297	PI429010886	N16433	0.002983213	24	15					25.70617	18.21058	18.24171	20.38307	21.55549	24.12932	18.04324	27.08947	20.25105	25.59906	21.62961	25.93791	19.92947	24.93768	27.05785	25.23036	47.2578	36.92118	21.99164	32.85632	25.25032	20.89958	17.35683	22.52975	19.07677	11.50709	20.82813	
CUST_22021	PI429010886	N46283	0.00294954	21	9					9.533566	5.797914	37.03485	1.754	41.82858	24.1058	NA	NA	NA	16.54899	77.69968	59.62083	17.12548	14.74793	35.42699	3.860527	4.320563	NA	NA	6.102174	4.47227	21.65776	2.34076	21.81818	NA	27.89407	14.58115	
CUST_15644	PI429010886	M109130	0.00295501	24	15	242022215	Chromaffin granule amine trans	Transport	Transmembrane transport	4.71E-43	532.3756	1341.551	923.1653	662.3233	395.0243	463.1658	1318.881	912.5849	1219.279	1116.065	528.1103	668.1223	929.4814	645.4936	553.1321	1243.341	1268.865	1529.136	1112.702	1271.688	1284.853	816.0394	723.3991	818.0478	1095.073	1577.5198	911.7924	
CUST_30674	PI429010886	N62362	0.00299501	24	21					9.841307	16.7995	13.0479	16.22323	6.917829	8.886295	7.339187	10.82822	14.61386	7.078115	4.76961	9.879761	11.29903	3.542058	8.74922	11.66418	10.29658	9.878387	10.90094	13.5943	10.09062	13.95828	21.80903	12.65302	8.922458	13.47437	20.60839	
CUST_32308	PI429010886	M3767	0.002996835	24	6					118.6368	64.65354	51.00442	32.02499	42.91273	37.92065	85.75696	154.0616	153.2351	48.80597	62.96095	53.23278	48.88152	47.92699	47.23231	50.07687	57.69269	23.35516	29.23556	65.78378	20.52618	29.84906	21.55928	23.16272	46.55494	22.47797	58.82275	
CUST_15681	PI429010886	N34970	0.002996835	24	18					12.98896	13.12827	18.07903	11.38407	5.758808	9.35283	10.53196	35.02813	29.65224	21.04763	21.78937	12.27349	22.38961	18.46268	18.43607	9.426819	21.69176	19.84259	26.03821	44.42841	47.62949	25.05534	18.39978	20.74399	19.88527	9.610362	28.098	
CUST_31630	PI429010886	M2015	0.003000795	21	18	260782199	hypothetical protein BRAFLDRA		1.45E-35	51.73381	113.4582	120.6665	31.97696	25.41267	34.06404	45.68256	82.31732	79.01425	30.55564	49.01904	18.37247	41.06867	NA	27.982	57.85506	38.31686	81.38488	129.3499	220.1523	196.8082	61.145	43.99925	50.10131	127.0236	30.9318	45.90556	
CUST_18752	PI429010886	N40352	0.003000553	12	9					57.58975	62.04596	57.17098	59.06511	35.7142	39.99568	64.13419	59.6688	62.48283	73.52254	54.28141	76.30972	73.02048	47.90004	75.32925	58.73466	44.49025	60.71646	86.1454	52.10827	70.06906	89.91214	78.67205	105.6867	66.85645	39.06825	80.86273	
CUST_29364	PI429010886	N59716	0.003000553	12	3					145.6336	241.7074	68.20088	179.5327	260.6535	288.3047	259.8283	232.7425	139.1591	107.424	134.125	168.9237	141.539	205.8558	167.0808	223.7905	262.1593	212.0595	121.1043	163.6909	119.2442	78.31361	163.3644	67.19251	131.8067	218.9572	26.75452	
CUST_55211	PI429010886	M109130	0.003013471	18	15	530723035	cardiac muscle actin [Portunus t		3.88E-19	2807.452	3127.267	3243.823	2646.596	1719.004	2159.534	2225.697	3264.887	1947.583	2477.377	2088.583	1863.699	2650.032	3164.281	1471.771	4513.062	6132.817	6210.057	4027.931	5558.806	7232.62	1329.124	1819.509	1223.105	4181.398	3838.854	3048.498	
CUST_18901	PI429010886	N40616	0.003013471	18	3	307715368	arginine kinase 1 [Macrobrachiu		0.000000342	10.1984	13.60764	9.524903	18.73028	11.69775	13.34535	15.39651	15.7122	11.36156	14.96903	10.96336	14.56607	9.389205	12.29213	6.347447	5.659483	8.93938	8.585661	11.76708	10.03167	9.835386	12.14327	15.47982	17.89355	6.545559	7.858193	6.232148	
CUST_2219	PI429010886	N11897	0.003016535	18	15			Transport	Protein transport		1071.48	2135.546	1180.485	1075.892	869.9307	1055.306	1897.754	1747.584	1590.527	1557.736	1055.306	1136.139	1194.794	1234.557	1141.401	2291.48	2727.371	2269.737	1392.832	1342.206	1611.643	982.8111	1204.169	1148.933	1601.274	1177.475	1348.794	
CUST_3162	PI429010886	N13933	0.003021321	12	0	321462849	hypothetical protein DAPPUDRA		4.03E-14	13.91274	13.73706	43.26708	7.724427	6.088117	7.176989	38.75298	NA	6.257426	11.07393	5.255483	9.550476	19.81642	18.67654	29.77656	6.152029	5.512222	10.93505	11.58271	8.428222	NA	7.37464	8.509638	14.70059	27.08528	11.07918	10.16181	
CUST_4834	PI429010886	N17583	0.00302603	15	12					15.74461	33.762	25.52339	NA	9.494876	6.245436	10.22339	21.15973	18.81483	NA	13.51813	23.23426	83.79749	69.54417	86.94104	27.2264	4.42489	25.01036	13.97991	15.3929	NA	19.30796	7.458633	45.07182	NA	11.95545	NA	
CUST_43593	PI429010886	M63447	0.003027553	21	9					8.091775	12.62329	11.82408	17.58836	13.6932	8.555797	15.5828	15.50564	21.60215	22.85306	NA	19.84675	7.783571	17.60895	9.904747	14.56607	16.88729	15.97824	8.173581	10.49199	15.60164	12.9826	8.91045	8.888649	15.33898	12.49082	18.58143	
CUST_40168	PI429010886	M51312	0.003031839	24	0					154.0154	191.8512	176.6544	136.8929	136.1215	139.5452	102.3977	138.0005	111.3972	113.622	171.0275	135.0024	103.9956	129.5473	130.4587	136.8093	165.2945	183.6198	87.44315	137.7031	172.3438	128.1449	143.3201	200.0099	147.0201	199.6427	244.4333	
CUST_1793	PI429010886	N10719	0.003031839	24	0					176.2041	192.4289	199.6427	162.7602	162.8199	160.8514	189.2321	170.2213	181.2265	176.3429	159.0574	162.7885	158.0565	152.1456	122.8685	190.463	194.4561	170.8814	205.9122	157.866	159.6186	201.1205	161.2407	188.2604	201.155	184.5933	199.6837	
CUST_45767	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_20215_PI429010886	N43033	0.00317636	18	15	321464482	hypothetical protein DAPPUDRA	Protein metabolism	Protein folding	4.83E-42	22.25295	28.7468	24.32431	16.43671	19.47577	16.62267	18.24533	29.19296	26.22059	25.86911	17.83143	22.18214	20.37769	22.71736	22.93309	28.45348	23.7984	27.33627	21.8966	22.58254	21.67518	19.86967	22.28065	18.87895	21.27506	21.23798	20.02764
CUST_22060_PI429010886	N46350	0.00317636	18	15						34.74862	40.74313	25.79299	25.12907	27.25185	33.06699	17.30627	42.47062	36.42265	34.7801	33.3478	44.28109	34.20583	47.44751	29.51504	60.5679	51.2209	42.91838	31.8144	22.09002	33.30723	28.36166	26.01383	26.00178	30.32915	37.7689	48.96667
CUST_10670_PI429010886	N26600	0.00317636	21	9						17.53011	19.3464	25.58573	15.56798	36.67874	27.04925	45.40234	24.71696	31.95397	77.69968	38.58881	49.72483	15.50088	24.87248	18.02618	19.49867	30.3404	20.9383	13.93951	28.76456	14.5111	23.96712	31.95397	24.6082	24.72495	21.23754	22.32173
CUST_27667_PI429010886	N56476	0.00319133	15	12						30.72076	47.41757	41.50033	28.55984	29.81035	38.01013	61.63075	39.39293	68.34584	24.36566	54.61715	33.9635	38.61107	62.4694	40.67888	48.95729	41.14081	62.80714	51.11657	44.85722	65.79182	45.87769	39.64997	32.10035	37.47898	23.10033	33.70156
CUST_51453_PI429010886	M93600	0.00319205	24	15		Transport	Protein transport			88.4446	204.5091	99.99679	112.8635	154.5921	143.144	160.6804	182.4139	167.0939	152.2838	159.0077	132.6815	160.766	169.2478	168.3482	222.5585	347.6198	198.4987	185.0283	164.9977	216.54	158.0297	159.6864	227.9064	175.317	168.9955	202.2179
CUST_5056_PI429010886	N18202	0.00319205	24	15	321465952	hypothetical protein DAPPUDRA	Transport	Protein transport		756.8703	1684.207	1062.332	901.877	852.2653	766.3188	1249.272	1201.304	1433.817	1071.049	822.3417	839.3829	934.3693	958.1681	945.2143	1377.595	1702.984	1710.003	1269.839	1200.665	1429.079	944.8425	1091.584	1265.098	1168.934	936.2266	1219.83
CUST_5143_PI429010886	N18311	0.00319205	24	15	321475505	hypothetical protein DAPPUDRA	Transport	Protein transport		693.3608	1204.7	805.476	707.6592	673.7135	600.4266	955.1294	961.8532	883.0931	892.4292	737.8151	628.2632	915.0007	785.5802	868.9348	1140.288	1447.238	1082.664	941.7984	915.7404	1026.869	606.1742	964.6221	769.5468	844.8862	953.6942	897.3252
CUST_694_PI429010886	N6790	0.00319205	24	15	356651208	chaperonin [Macrobrachium ros	Protein metabolism	Protein folding		1802.44	4461.089	2579.047	1577.474	1582.625	1420.628	3168.826	3739.191	3354.131	2736.432	1835.563	1946.475	2225.697	1923.884	1993.835	3071.483	5571.385	5558.806	2992.811	3046.537	3767.349	1562.544	2988.845	2482.212	2554.596	2499.817	2886.102
CUST_49248_PI429010886	M84909	0.00319374	24	15						92.58214	109.9654	95.57738	87.36259	88.09968	89.73784	109.7774	121.8066	109.2676	105.3095	108.8788	95.73042	110.5494	87.74995	99.07571	119.2089	144.849	133.9615	110.7898	98.71772	116.4262	91.09751	121.3713	81.96005	109.2676	95.9971	92.03434
CUST_37110_PI429010886	M17873	0.00319647	21	18		Cellular component orga	Chromosome organization			164.8928	208.794	234.9939	148.1501	156.0931	130.9346	162.5583	183.411	209.3429	148.3283	143.9807	142.8894	138.3092	118.5289	130.0446	200.2792	220.2176	227.9934	255.2927	216.014	203.392	226.8625	177.388	184.8516	263.4946	167.5116	259.5151
CUST_48913_PI429010886	M82878	0.00319846	18	3						17.47911	6.128343	14.23813	17.61709	15.03854	16.04969	8.656479	10.25273	4.291129	NA	4.724847	15.59925	7.016143	9.700016	NA	6.937084	4.226334	6.5566	13.85151	6.191209	12.54489	20.78429	12.89756	15.73083	18.82944	4.669189	11.36156	
CUST_25060_PI429010886	N51716	0.00319942	21	15	291244435	PREDICTED: angiopoietin-like 2-l	Signal transduction	Other	8.16E-33	58.80984	57.78766	89.88767	117.3251	69.97581	25.41267	143.4863	84.09371	195.4747	211.9007	106.9946	95.95298	165.1205	118.606	91.94456	187.0768	135.209	196.4115	126.8388	117.6651	105.242	43.22401	120.9506	51.36995	141.4125	101.852	128.8295
CUST_16706_PI429010886	N36726	0.00320539	15	6						7.335668	NA	NA	102.4255	8.128515	102.7497	33.31109	700.8468	792.599	590.6124	42.68735	481.4474	42.1373	26.85004	52.37742	84.57655	15.09656	92.27655	118.8271	NA	105.0475	1029.68	159.5246	1187.041	41.50033	181.5475	301.8993	
CUST_822_PI429010886	N7420	0.00320316	24	21						6010.065	4145.789	4055.849	3956.525	2491.674	2330.806	1701.993	2765.552	2886.102	4998.113	2455.967	2451.472	4487.184	1482.511	3565.017	4020.487	4342.518	1105.917	8565.196	3956.525	5564.697	6612.476	8750.959	4622.321	9425.197	5966.983	9056.645
CUST_13755_PI429010886	N31716	0.00320581	24	0	291235351	PREDICTED: zinc finger protein 3			2.25E-22	39.90127	50.59319	39.68181	24.66091	35.74914	32.60933	29.85271	23.69096	29.98633	24.61357	29.96518	17.12548	36.97455	26.32034	29.03961	42.316	44.1972	54.00791	32.41159	45.66053	40.73959	23.30296	49.46595	38.86376	44.3395	39.42679	56.55385
CUST_43179_PI429010886	M62299	0.00321089	21	15	296033922	caspase [Fenneropenaeus chine	Protein metabolism	Proteolysis	3.43E-19	4.671352	6.388858	3.308888	4.078932	15.07177	8.512367	6.902664	8.112296	11.12081	7.139105	NA	7.234885	15.25955	6.691551	11.65578	NA	19.7654	15.69192	6.246654	4.273535	11.82584	NA	3.643104	6.422854	7.979072	3.367532	3.838746	
CUST_56628_PI429010886	M114250	0.00321574	24	6						11.68247	8.056452	11.23132	6.226721	7.934974	34.88562	16.29695	17.02151	19.75521	14.50529	14.41307	13.27388	12.79576	11.54932	9.207701	10.80074	14.74345	5.415947	NA	5.133564	11.71553	8.248627	4.906349	9.465451	19.50817	17.23127	8.487659	
CUST_46704_PI429010886	M73458	0.00322189	9	3	321473261	hypothetical protein DAPPUDRA			1.26E-10	18.67988	10.09352	8.885052	14.19525	NA	15.54734	8.531174	10.13898	3.899392	19.10119	19.90569	24.12515	10.69641	20.18225	9.879786	15.84702	9.613655	9.892309	10.16181	5.869146	4.446727	7.31445	4.68783	7.429163	9.38001	4.622854	13.31819	
CUST_29312_PI429010886	N59616	0.00322863	21	12	20331094	Bodo saltans 185 ribosomal RNA			1.23E-64	7.112539	10.3429	NA	8.025098	107.5789	93.79597	440.6742	18.03262	26.3515	27.94531	176.3429	214.0023	NA	130.3816	159.5864	114.9651	65.72695	10.22653	32.74097	39.26844	37.61646	11.36418	45.76721	17.9949	22.35703	63.04493	12.3601	
CUST_57183_PI429010886	F2187	0.00323458	24	15	119134	RecName: Full=Elongation facto	Protein metabolism	Regulation of translational elongation	1.7E-22	29843.45	37213.84	31659.39	27918.92	23231.4	30257.2	40915.77	42662.49	37083.68	35157.95	29219.06	39389.41	33402.18	30965.56	35305.99	47826.44	41610.17	41119	35022.2	38228.71	41610.17	26891.88	34486.72	32540.66	33838.77	29587.86	36571.4	
CUST_38417_PI429010886	N26390	0.00323458	24	15	62126070	C-type lectin protein [Fennerope			5.9E-25	684.5912	445.6007	608.2737	576.2705	374.7006	423.3824	2496.293	1405.334	2532.427	3250.257	1782.659	466.8411	710.633	657.7333	480.3553	6945.783	1902.67	6060.248	1019.654	1940.134	2636.073	1165.385	350.9469	790.4703	1471.771	324.6065	909.1828	
CUST_31087_PI429010886	M665	0.00323458	24	3						570.0085	130.1154	482.4747	597.5894	445.9579	639.0445	164.3644	162.4812	124.5255	302.345	359.174	479.1083	364.0288	363.7634	543.5625	63.69387	58.70606	36.02118	98.37749	122.4622	78.16561	462.9596	339.4175	359.7575	79.29416	195.1701	128.8978	
CUST_49119_PI429010886	M84191	0.00323458	24	3						38.35932	20.00439	27.37887	46.00851	38.24515	38.11869	21.9474	20.20229	25.45723	35.83737	18.96294	45.11511	31.06592	29.43019	46.31434	16.17764	8.106159	20.85338	20.26341	15.25605	23.37894	26.60187	16.51861	21.60709	29.51262	21.41005	29.60122	
CUST_6660_PI429010886	N20421	0.00323458	24	15						514.8454	788.0337	519.1671	535.89	475.9252	517.6361	776.9293	599.8602	645.2626	574.2528	509.6459	339.9532	648.6912	536.3161	577.9786	959.3506	882.2277	819.3739	656.4851	539.9257	698.2425	549.679	634.4332	571.0817	690.9865	583.0039	557.4698	
CUST_1073_PI429010886	N8411	0.00323458	24	15	270013832	hypothetical protein TcasGA2_T				4211.995	7430.648	3460.858	3286.945	2702.508	3327.482	7459.987	7090.073	6025.479	4560.074	3222.8	2860.025	4302.905	4134.923	3532.198	10035.81	7632.364	7993.785	5162.169	5879.268	5913.632	3014.898	5032.372	3835.495	4545.107	5678.164	4207.659	
CUST_1962_PI429010886	N11174	0.00323659	18	15						265.6462	299.1209	306.0769	292.95	229.3564	293.568	259.2692	181.2583	256.539	395.5893	235.4202	264.5903	335.5615	263.0994	319.9838	350.791	316.1661	333.0825	347.7046	220.3669	325.7046	274.3383	290.2155	284.2929	305.4328	219.0312	268.1336	
CUST_22647_PI429010886	N47395	0.00323844	12	9						47.26618	41.85499	63.92981	50.93881	66.06005	53.72417	50.01635	51.171	70.90586	50.77134	81.60481	119.4045	105.4292	84.21664	98.45312	19.1841	25.14223	28.8322	47.43208	56.31897	43.98563	108.8194	154.5458	199.0025	104.1579	45.64468	139.698	
CUST_45738_PI429010886	M70102	0.00325103	21	0	194905042	GG11794 [Drosophila erecta] >g	Metabolic process	Cellular amino acid metabolic process	2.73E-10	12.92087	16.95871	10.37552	6.239298	NA	11.16455	9.007628	11.23899	11.27154	8.903229	12.1699	6.136811	10.26947	NA	8.529923	6.854397	5.272315	7.869127	11.52944	12.97758	4.451761	15.25271	13.69996	17.52474	6.643179	NA	11.48186	
CUST_3355_PI429010886	N14349	0.00325824	21	15						2604.346	3940.028	2409.846	2420.859	2287.533	2039.749	2950.533	3215.844	2913.515	2063.235	1802.44	2211.381	2551.022	2777.197	2846.594	3522.391	3792.758	3929.52	3022.554	3022.554	3588.155	2895.969	3706.021	3289.37	2983.608	2549.09	3577.841	
CUST_32889_PI429010886	M5387	0.00326027	24	15	37196918	thrombospondin [Marsupenaeu	Metabolic process	Carbohydrate metabolic process	5.2E-53	16.43875	12.69799	26.85225	31.6869	19.95957	22.55486	71.4584	68.79187	54.344	45.80079	29.47872	31.22862	103.5395	41.45634	50.07687	145.5262	53.84032	125.1706	71.48244	30.22406	50.36694	127.0776	37.57549	96.16362	43.33093	43.51785	32.38272	
CUST_31740_PI429010886	M2284	0.00327087	24	3						37.12091	20.82309	39.96697	74.92905	118.7775	113.1381	20.99538	37.10697	27.91891	17.1309	96.20921	33.32109	45.49065	66.69697	38.11477	8.23062	14.0887	12.73763	21.73892	52.31438	26.82547	38.04316	65.60638	31.51184	25.03218	63.94916	31.31571	
CUST_32627_PI429010886	M4627	0.00327087	24	15	195438179	Drosophila willistoni GK24252 [D			1.03E-74	77.76407	80.91667	82.41127	93.03552	66.31625	54.13743	108.1961	104.6904	119.4473	103.8712	71.64167	86.13364	115.5968	76.81667	92.15089	137.2967	136.6363	125.2342	108.7185	109.7081	155.4118	94.92219	94.99849	105.3837	116.4725	95.93997	144.0796	
CUST_32715_PI429010886	M4905	0.00327087	24	15	224459352	adhesion regulating molecule 1 [			7.77E-70	557.162	1176.428	706.4981	591.786	736.9876	647.2976	967.3181	1027.619	954.137	561.6697	772.7965	652.5211	847.4628	853.4119	941.0274	1195.535	1253.748	1278.279	814.0506	834.0907	932.1979	700.359	900.3004	921.4706	813.7492	712.9201	877.3403	
CUST_40489_PI429010886	M55271	0.00327087	24	3						9669	376.7778	9999.789	8750.959	8238.918	10448.35	413.5619	587.3135	749.0313	5271.495	8818.425	7021.693	6873.81	5284.133	8321.498	74.46237	129.8849	152.1914	573.4698	617.6234	651.2334	6448.141	6094.281	7337.918	1221.044	2300.958	3313.258	
CUST_47845_PI429010886	M7822	0.00327087	24	15						23820.74	1501.763	17658.04	25703.26	23658.24	217108	943.8069	1480.103	1294.363	2232.92	22332.92	18408.63	19679.49	12523.21	12963.97	5427.965	571.0817	673.1503	2082.57	2198.559	2670.787	26678.14	1256.94	1304.84	3525.214	6717.703	4164.365	
CUST_11464_PI429010886	N27875	0.00327087	24	15	156552229	PREDICTED: mediator of RNA po	Nucleic acid metabolism	Regulation of gene expression	3.01E-52	309.6367	353.5003	299.8024	259.8835	263.6293	291.3655	324.6065	451.5651	359.943	284.2467	256.539	300.549	294.4308	309.5645	281.628	380.0182	181.0871	513.5436	317.4998	388.4776	275.2193	350.649	377.0504	358.4079	349.5554	357.1234	365.4091	
CUST_534_PI429010886	N5871	0.00327087	24	3	291242887	PREDICTED: hypothetical protein			0.000000108	35157.95	781.7261	32295.88	40595.56	40595.56	47342.04	149.786	2627.758	216.7269	18613.15	23084.2	37083.68	11881.91	31206.9	43090.8	53.72874	45.47301	200.2294	137.6019	2079.426	217.8657	18273.52	1483.086	15900.37	139.9842	3914.879	518.9718	
CUST_3412_PI429010886	N14454	0.00327182	18	3						22.53853	150.3467	161.4921	154.3725	651.0737	518.791	72.97666	6.187929	99.32904	21.48061	324.921	210.0927	83.54731	12.7417	33.61683	111.6605	385.6874	294.7488	449.5658	145.7707	291.0948	245.3707	1194.794	1204.169	118.9453	290.7067	92.66549	
CUST_31647_PI429010886	M2050	0.00327348	12	3	443734191	hypothetical protein CAPTEDRAI			3.95E-70	180.0776	241.3201	128.1317	145.7707	188.5963	203.6782	202.2179	224.6222	157.1085	160.8514	157.9625	121.1043	239.642	217.4779	223.8255	301.3368	313.1767	316.4278	202.6489	167.4144	213.3383	116.3642	172.8989	121.1043	181.5978	225.9834	166.8118	
CUST_20097_PI429010886	N42805	0.00327709	21	6						43.94355	75.94639	53.55076	107.1698	82.61597	94.14191	129.7798	99.57709	56.55991	79.5268	54.40508	77.46257	39.60825	61.68316	32.81019	25.64786	55.42689	66.40286	53.99104	65.08113	32.98496	43.66107	105.4292	82.25472	50.10507	80.07659	81.60481	
CUST_33654_PI429010886	M7523	0.00327771	15	9						40.80027	19.25567	24.86911	52.84329	47.49734	27.79405	19.6201	21.88142	24.28735	52.61688	166.4755	55.02895	68.89904	58.40039	34.35183	10.76358	24.74194	18.88946	25.70617	31.49411	29.13899	106.1766	115.7057	98.33769	40.11852	113.1524	74.18947	
CUST_42588_PI429010886	M60658	0.00328153	12	6						68.54812	90.05411	69.23652	91.62496	81.529	74.52512	85.79452	105.619	104.5953	100.6757	92.80135	69.85306	126.4468	84.72348	78.91149	95.02561	97.44091	105.4902	106.6543	112.0615	107.5789	91.21622	96.20921	100.386	83.30459	79.70599	91.00224	
CUST_13216_PI429010886	N30794	0.00328153	12	0						100.0919	139.1364	137.9543	103.8983	102.4735	93.91412	106.7719	88.5599	92.79509	93.47893	83.34871	101.4339	107.9954	122.1883	107.8039	127.3153	135.8804	118.1364	120.5552	80.49207	94.67757	114.5608	98.35456	113.0557	151.421	137.4424	153.5706	
CUST_36430_PI429010886	M15876	0.00328256	21	18	321478944	hypothetical protein DAPPUDRA			1.4E-16	40.65621	97.07924	69.79048	46.43858	77.32899	63.59136	47.27657	73.90571	57.02931	48.50466	55.53179	43.58688	70.78121	47.53635	68.48192	71.43072	74.63073	77.97296	70.60324	83.67777	98.25227	65.26399	69.6885	78.15836	66.45173	55.55019	76.07226	
CUST_1842_PI429010886	N10862	0.00328256	21	18						393.4684	445.4238	793.634	440.6377	306.0769	100.386	636.3867	277.7202	912.8746	415.0852	130.4587	265.7303	537.9838	295.6289	216.3545	400.3546	265.3286	612.3531	890.6088	1112.702	1265.639	614.3598	651.9522	511.369	292.2917	332.0817	775.6832	
CUST_51576_PI429010886	M94055	0.00328236	21	15						27.47239	39.2136	37.24906	20.92431	30.47018	23.05545	23.50565	30.99758	29.34996	28.40807	27.17884	28.20584	36.50656	27.68667	27.43264	39.19706	55.35616	39.96323	36.16824	39.55957	33.68871	32.10443	31.40589	29.64873	36.79436	30.49532	36.95845	
CUST_39791_PI429010886	M44735	0.00329212	18	3						10.88552	9.03053	11.88179	34.08118	14.80006	10.69455	NA	3.211354	8.630404	5.751246	7.455208	8.200935	15.33898	5.217523	15.07177	5.300759	5.939175	6.86757	9.271842	9.24174	6.119695	19.27271	16.16065	15.7695	5.200057	6.806327	9.595961	
CUST_17563_PI429010886	N38193	0.00329523	12	0						14.47089	15.36202	18.35487	14.44887	NA	NA	11.18684	NA	5.05334	17.77566	12.96341	13.39577	18.85511	NA	11.92894	13.31624	7.456173	11.63004	13.47437	6.477013	5.758808	14.32656	14.04167	8.835842	27.1944	9.817879	19.5625	
CUST_35956_PI429010886	M14106	0.00329838	24	15						290.2762	469.2787	494.2109	308.5661	319.9319	319.0038	335.6891	397.9279	483.3359	330.1216	394.1154	385.4238	368.4034	365.6513	409.117	474.7066	491.802	536.3161	458.9701	424.7669	548.1274	429.0423	461.522	473.6093	383.2384	412.2409	496.4508	
CUST_37712_PI429010886	M21135	0.00329838	24	18						18.42053	15.23242	18.20758	11.63897	10.60847	13.87165	9.586868	9.942624	11.11796	17.87188	11.46799	16.59434	17.08055	13.25323	12.22964	20.74858	16.43018	15.9967	23.7799	19.39459	12.82342	27.36657	13.0692	16.28426	25.57669	15.47927	18.42084	
CUST_25333_PI429010886	N52213	0.00329838	24	21						41.17774	51.87515	69.63156	46.57945	53.7284	45.91529	37.46702	41.97418	61.85109	43.55386	43.56248	41.29379	46.69609	44.22724	44.35011	42.06094	80.3181	43.54994	63.99667	60.20069	82.53807	48.64263	77.25059	50.44651	63.07317	59.27468	
CUST_39429_PI429010886	M43493	0.00329829	18	15						1342.206	5365.585	2575.646	851.8736	338.3225	531.0942	4140.108	4798.856	4177.108	1534.389	513.2014	542.0349	2609.919	1821.979	1675.406	3506.645	4554.072	5443.39	1258.188	1739.116	788.7127	1777.335	826.9656	1725.197	1238.323	1262.424	
CUST_6429_PI429010886	N20090	0.00330165	24	18						8827.334	11356.17	11974.32	9500.977	7459.987	6171.545	12765.38	11356.17	14285.49	10699.09	8121.327	7750.118	10815.88	7157.757	7138.174	11228.98	10871.96	12496.19	12921.27	14032.06	16252.77	12789.24	13716.26	14580.94	13616.29	11246.8	16452.07	
CUST_36652_PI429010886	M16457	0.00330408	15	9						13.9939	24.75929	17.97858	7.202814	9.63872	13.63853	16.50059	21.54205	19.12988	20.84244	9.963988	19.85199	24.08979	20.17168	18.14584	14.61224	18.12496	16.20857	14.06396	14.54128	19.48121	23.82334	20.93117	18.7507	24.16626	22.21344	23.94642	
CUST_57177_PI429010886	E2054	0.00330125	24	15	509391552	ribosomal protein L37 [Acartia p	Protein metabolism	Ribosome biogenesis	4.25E-34	7007.731	6799.146	6696.753	5227.74	4319.299	4275.766	8378.475	6826.356	6758.872	6799.146	4565.036	5292.711	7376.103	4560.074	6727.299	10569.33	9364.597	10448.35	7389.276	6025.479	9578.799	4467.089	7021.693	6010.065	6826.356	6461.658	8869.924	
CUST_2224_PI429010886	N11908	0.00330125	24	15	308052945	endoplasmic reticulum protein 5	Metabolic process	Carbohydrate metabolic process	3.67E-172	2228.732	7081.435	3675.29	2177.847	1492.942	2114.8	5892.313	5571.385	5265.552	4159.327	2790.956	2367.057	3647.267	2867.707	2575.646	7337.918	10294.69	8461.114	3770.678	3281.159	4517.506	2521.203	3499.526	2837.693	4685.458	3485.281	3159.077	
CUST_5240_PI429010886	N18439	0.00330125	24	15	242002944	translational activator GCN1, pu				327.6087	620.5792	384.5219	354.7453	301.8993	304.3391	574.7506	500.3221	471.3761	416.6449	358.5953	381.9172	414.4974	349.9633	355.3919	548.75	716.3366	737.2275	516.2255	448.0132	552.2424	407.2747	433.6142	436.7155	510.5943	394.8687	454.1788	
CUST_6365_PI429010886	N20006	0.00330125	24	15	260832213	hypothetical protein BRAFLDRAI			6.02E-67	250.4996	345.3559	242.133	205.4884	204.8124	242.9432	368.9684	293.1739	318.8359	328.2775	267.3602	321.3471	305.3135	214.7712	286.2998	410.0384	397.9279	440.7516	340.2357	216.5705	286.9821	311.1974	249.6908	306.4312	286.5775	259.5151	291.7534	
CUST_6432_PI429010886	N20094	0.00330125	24	15						169.34	309.132	218.3669	183.5637	138.4615	152.7137	277.4932	306.0769	238.1099	238.025	165.5673	190.9659	240.2645	194.7406	212.0999	324.0982	328.4033	300.2438	221.596	220.8177	250.5426	208.1829	231.9647	187.9849	225.8691	180.5859	252.2559	
CUST_10550_PI429010886	N26411	0.00330125	24	15	321461928	hypothetical protein DAPPUDRA			1.9E-29	106.9545	187.8136	112.2407	106.0541	87.25531	84.92778	196.2948	261.6417	146.4834	165.9265	164.071	133.171	125.4319	192.8532	128.2695	227.4234	282.8745	222.505	138.3923	119.6392	167.0939	119.329	364.5679	183.4751	159.203	124.5255	131.2558	
CUST_39596_PI429010886	M41608	0.00331329	15	9						4378.72	2575.646	5558.806	6642.147	3130.289	1532.345	6010.065	4863.888	9532.564	6631.875	7039.176	4503.776	10835.48	3431.358	4288.608	438.5777	660.6448	761.5417	10727.23	8736.825	13812.43	10127.21	14922.71	12097.54	13043.65	12605.8	24507.87	
CUST_18590_PI429010886	N40068	0.0033155	24	9						5.726423	11.76421	3.196574	13.70583	11.35345	5.900002	NA	19.25364	9.804365	26.76257	7.714788	34.35183	17.15642	8.285959	NA	16.64023	14.42774	6.103744	12.74304	12.54744	14.1297	NA	4.500151	3.074213	6.451204	6.259465		
CUST_14017_PI429010886	N32181	0.00331662	18	12	242015762	conserved hypothetical protein			1.07E-58	137.1269	180.9657	166.158	172.3438	169.9145	185.4692	138.9364	165.1648	136.2348	158.6164	214.8629	184.6136	191.5757	212.8617	241.3201	249.7255	172.8766	239.348	196.2133	162.6193	183.6827	207.8778	148.6211	205.4207	156.2342	168.3995	164.188	
CUST_23194_PI429010886	N48423	0.00332573	12	0						34.98417	43.5104	43.75295	30.55564	31.51184	28.90075	13.88764	23.00207	25.123	34.41579	41.47342	30.83657	46.06605	26.86667	28.72062	34.313	36.32694	35.43842	22.86904	31.15433	32.96215	31.2986	37.40246	38.16299	41.81524	34.94683	47.45891	
CUST_34848_PI429010886	M10883	0.00332781	18	9						6.414885	7.662672	20.45768	7.873998	7.062362	10.24931	15.1605	16.71688	16.18715	18.93459	19.63812	28.25337	12.35025	18.11564	17.25784	13.80069	17.46154	17.39841	10.16942	13.1553	8.802939	25.34518	15.22851	16.62865	13.28376	10.94476	21.12976	
C

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_38738_PI429010886	M29811	0.00345419	18	3						3735.581	842.4709	4027.931	5777.198	5587.034	5833.315	1060.229	1311.001	1624.639	5502.319	6060.248	6533.018	4602.898	3611.195	2168.846	421.2021	608.6613	718.207	2105.784	2031.77	2112.104	5718.956	4536.055	5992.677	1179.062	2829.469	4015.947
CUST_26181_PI429010886	N53807	0.00346185	12	9	339234267	ETS factor [Trichinella spiralis] >N	Nucleic acid metabolism	Regulation of gene expression	2.58E-15	14.54604	28.75907	26.72777	17.15642	20.29507	NA	21.31707	28.0155	37.52227	61.8234	52.51146	54.73663	620.2559	23.60789	51.30921	28.08693	30.54671	34.78378	56.68053	34.25718	50.63563	87.79232	47.6242	83.0128	46.26072	35.46315	66.77244	
CUST_20791_PI429010886	N44060	0.00346329	24	0						391.3991	2173.027	3272.412	2983.608	3851.521	19.7274	155.9036	25.69821	61.26825	2820.736	2981.297	23.03897	5.196761	17.93358	11.50587	126.4865	4.629932	130.7209	77.05387	79.57438	8.332244	251.3401	NA			
CUST_35861_PI429010886	M13731	0.00346725	15	3						56.27761	79.14448	38.0933	93.01673	13.17618	72.3738	128.4629	17.93943	59.42381	13.61629	11.68647	7.869717	68.98955	51.98569	55.85351	51.03071	60.32929	13.73223	192.8297	62.35301	174.8981	18.30046	56.24032	51.59074	55.5523	45.01683	38.61107	
CUST_39852_PI429010886	M45764	0.00346907	24	3						14363.02	55.25246	10248.36	9727.143	14285.49	13685.2	85.99964	235.3802	162.6466	8387.726	10193.49	13248.98	4895.993	7643.683	12211.42	22.95059	16.0336	74.8864	264.9858	837.2458	341.732	7966.321	2012.206	7290.969	381.9172	1794.235	1949.314	
CUST_48762_PI429010886	M82075	0.00346907	24	15	160552257	putative 60S ribosomal protein P	Protein metabolism	Ribosome biogenesis	1.59E-28	28492.44	37083.68	33963.44	25130.01	17623.06	23379.75	36967.46	36406.05	33508.11	35305.99	25978.53	18320.9	32064.51	29122.17	26491.1	40757.76	39713.59	38540.49	31801.71	35445.2	33402.18	27577.78	34286.52	30352.12	32798.44	35022.2	29647.7	
CUST_7252_PI429010886	N21266	0.00346907	24	3						12860.58	472.6199	12165.66	13335.43	14794.99	17424.76	651.5453	1225.977	1213.608	4427.539	11952.65	7389.276	4783.413	13193.16	17658.04	372.7272	306.6661	463.5485	1512.535	2222.683	1475.969	4727.546	3382.058	4880.699	1535.771	2627.758	2837.693	
CUST_9874_PI429010886	N25338	0.00346907	24	15						62.10736	134.7253	87.30779	62.09609	69.73149	58.09261	90.74217	111.7011	90.45329	85.62565	83.59122	107.1233	81.45042	70.22094	113.3335	103.1229	125.6495	141.753	94.16687	104.3412	116.6229	90.29464	83.45736	104.4489	95.2367	85.43893	99.20976	
CUST_7134_PI429010886	N21087	0.00347038	24	21						2136.93	2775.294	1968.185	1653.487	1346.472	1098.604	1316.811	1426.897	1365.442	1827.788	1750.013	1433.817	2023.772	1587.121	2021.719	1797.322	2325.222	2268.13	1415.173	1526.163	1607.994	2507.724	2166.525	2429.15	2467.704	2076.904	2793.635	
CUST_50204_PI429010886	M89031	0.00347808	21	15						38.7383	20.66527	33.84162	16.47491	30.84327	31.34171	26.71367	15.99964	25.22202	21.54473	16.35738	43.70538	43.01095	27.6893	37.19071	38.17426	36.49381	38.14824	43.84283	23.80329	34.8722	34.16687	31.83006	31.74591	29.6361	26.38195	26.48147	
CUST_15484_PI429010886	N34654	0.00348073	21	12						9.144684	10.44258	9.902198	NA		6.740547	6.534983	14.33104	14.49041	12.86873	13.6668	9.486624	9.820162	10.48413	12.96776	20.05681	18.8308	8.874019	13.41897	5.797914	10.97416	10.8869	5.044846	6.768812	14.84138	3.899392	3.92559	7.451763	
CUST_10254_PI429010886	N25953	0.00348595	24	3						1427.593	6.222395	1239.555	2016.054	1559.979	2180.402	7.932927	20.07958	14.27946	212.598	606.1742	496.1354	261.0851	1383.977	1949.314	4.372897	6.790621	4.72816	4.448757	28.26843	6.76308	522.4996	105.9997	496.9611	NA		54.5198	39.07837	
CUST_50052_PI429010886	M88422	0.00349184	6	9						16.4966	16.33991	15.31705	9.411311	5.58165	12.08009	NA		157.6143	164.3905	49.97848	95.01092	20.20612	27.56258	73.3346	12.99289	3.628158	7.685875	5.961032	NA		NA	4.177755	24.485	64.71262	54.28814	7.24682	43.45077	13.43146	
CUST_55229_PI429010886	M109204	0.00349304	18	0						2445.736	3499.526	3064.959	2258.648	2292.947	2566.656	2489.305	3145.521	3717.963	2043.437	1812.631	1914.352	1903.836	2579.047	1787.383	3804.856	3371.075	4690.093	3112.057	3217.866	3796.503	2350.317	2251.39	2159.534	2287.533	2552.554	2454.398	
CUST_36452_PI429010886	M15933	0.00349617	18	15						117.5967	138.6868	119.2442	127.7313	93.87326	110.7598	132.1609	83.10688	132.0014	105.746	125.8093	107.6466	143.3201	113.2744	183.8806	142.9974	172.3438	142.8249	145.6152	152.5137	173.6159	101.0612	111.0684	94.00943	115.9671	103.3216	136.8369	
CUST_9152_PI429010886	N24144	0.00350203	24	21						53.80944	56.66829	59.67529	60.53935	40.082	49.04743	33.83079	49.91114	46.46187	42.75074	45.91877	43.40182	59.48241	40.86304	67.3975	44.58117	56.13868	52.43555	51.20424	51.49597	58.2972	59.51724	65.34281	93.42816	44.32333	47.64701	75.24855	
CUST_51413_PI429010886	M93425	0.00350639	21	3						96.00931	156.6283	193.4608	193.9616	121.236	163.7578	111.653	170.1972	218.0311	121.9377	197.8282	137.3382	93.88506	69.71651	95.73042	89.0262	123.2485	114.2182	121.5461	148.131	128.0633	163.0633	181.7766	133.8434	237.3259	97.40632	159.5479	
CUST_56113_PI429010886	M112812	0.00350715	24	15						2536.537	2613.493	2771.365	1751.317	1809.494	1420.017	4727.546	2948.008	3940.028	3679.2	2279.977	3261.337	2629.319	2065.743	2332.204	5489.861	5144.706	3755.671	3709.96	2447.506	2719.085	3373.758	2391.051	3124.619	3692.065	2210.04	2719.085	
CUST_39308_PI429010886	M37531	0.00350715	24	3						14100.35	61.89891	12738.99	10949.85	17453.24	17287.24	96.8564	255.866	149.5014	8869.924	12860.58	14614.52	5671.62	9241.731	13935.1	13.19225	12.83208	73.67616	266.9079	826.9656	487.7778	9466.456	3058.086	8321.498	474.9425	2112.104	2088.583	
CUST_41828_PI429010886	M58647	0.00350715	24	3						13503.69	177.9703	11738.35	14161.49	19010.63	19195.08	145.5847	805.476	229.4919	5644.907	14764.65	15394.16	4181.398	17487.6	16553.17	48.23305	47.00541	99.84348	231.8895	1277.638	377.8683	6368.381	2711.558	6481.59	2001.202	2711.558	2085.5	
CUST_12890_PI429010886	N30215	0.00350715	24	15	328777305	PREDICTED: hypothetical protein			3.13E-52	565.0242	999.9612	570.2732	447.3237	409.6823	484.1868	616.0609	685.2688	572.5541	620.4556	496.6962	624.4152	551.2795	513.3858	497.9545	823.2974	839.3829	1053.829	607.8959	576.0861	785.8536	504.201	637.7947	620.2559	600.2455	629.0343	629.8536	
CUST_19194_PI429010886	N41142	0.00350715	24	15						226.0802	279.7784	248.439	206.2842	207.3653	194.7103	282.8168	221.8856	296.1058	285.6824	223.3777	256.2294	260.6535	200.6783	250.4996	313.5422	338.9144	334.0615	260.557	222.7248	290.511	238.3932	281.4085	268.1336	267.4596	248.3542	317.1978	
CUST_1923_PI429010886	N11085	0.00350836	12	6	320090149	C-type lectin-1 [Litopenaeus van			1.84E-18	5.918723	NA	10.79953	20.61709	NA	12.28744	436.7155	NA	335.3952	57.60444	42.66175	10.14816	8.825422	26.12743	3.808698	75.8587	11.74876	78.62482	493.1272	752.6445	1636.385	65.3293	NA		46.9383	152.0785	27.57421	128.0633	
CUST_1934_PI429010886	N11109	0.00351869	24	3						394.3642	173.332	252.6173	406.6714	2795.798	1831.816	207.1791	208.941	209.1018	82.53131	2402.724	2595.878	133.1266	1831.816	2135.546	164.0459	123.1444	88.74114	124.6988	59.25391	92.69475	84.11819	91.88292	51.43678	94.18113	152.3312	14.31215	
CUST_16518_PI429010886	N36375	0.00352268	15	12						357.6352	687.0247	530.3219	290.6243	272.1212	225.3383	331.8463	406.4569	470.6338	369.0567	341.3363	315.6063	379.037	497.9545	464.9207	372.3645	386.8087	465.4767	331.7259	327.6087	160.342	344.705	433.9196	462.283	416.1276	181.9964	437.7611	
CUST_56396_PI429010886	M113674	0.00352767	12	6						8284.715	8846.332	8439.929	12424.28	5482.841	6393.352	13391.14	11179.97	12886.71	11030.98	4097.003	6348.681	10532.72	6393.352	5061.439	11323.45	9743.786	9684.529	13532.16	13154.56	10746.95	10999.91	7653.847	10550.02	9699.55	5736.233	7872.926	
CUST_48502_PI429010886	M80692	0.00352767	12	0						49.10462	46.75132	33.06459	29.96518	43.70538	38.14116	26.51031	31.54041	28.61945	32.63017	31.09684	41.49384	44.96721	31.87401	36.98315	29.84354	24.8172	19.12873	31.11334	33.54341	17.35447	25.02074	25.1	32.79916	36.49885	70.80726	46.34194	
CUST_13213_PI429010886	N30789	0.00353160	21	12	345489120	PREDICTED: hypothetical protein			0.000000484	3.358927	3.155733	3.351795	4.131407	14.46986	NA	NA	6.863677	5.964848	3.76011	13.82436	23.43251	NA	10.97252	14.25102	9.15859	5.253352	6.375942	NA		6.279977	4.075478	NA	3.362915	8.66264	5.817195	5.061979	10.95081	
CUST_11894_PI429010886	N28587	0.00353180	18	15						35.84878	35.33768	NA	50.69492	NA	41.77489	38.07503	9.458406	28.0791	10.47216	6.232148	25.71638	19.00748	80.82353	27.13842	153.9962	67.7294	79.10899	79.23144	3.796933	74.76519	NA		39.70866	NA		10.9325	12.46346	NA	
CUST_7610_PI429010886	N21805	0.00354284	18	15	321477670	lectin, mannose-binding, 1 [Dap			1.32E-123	24.91228	19.42744	7.935999	8.422869	8.606721	18.55514	17.0629	22.261	12.54744	18.80121	17.50097	14.39282	9.598517	16.11271	19.3323	37.94299	24.23412	23.99912	15.97652	12.90656	13.59757	11.84866	9.799617	10.12124	19.35309	14.68136	11.12989	
CUST_8712_PI429010886	N23461	0.00354482	21	15						73.62565	123.4012	21.55928	48.05999	NA	31.87855	329.015	215.3375	120.3757	403.5639	44.26452	241.6209	48.07833	244.5822	26.24091	258.9303	445.1432	410.2255	99.88608	87.88247	115.5416	55.96387	14.93559	56.29733	75.28314	55.7467	32.91165	
CUST_37794_PI429010886	M21622	0.00354723	24	15	242007350	15 kDa selenoprotein precursor,			4.84E-43	2595.878	4164.365	2600.653	2365.258	1778.328	2066.858	3924.629	3914.879	4023.648	3478.142	2332.204	2291.48	3120.055	2264.823	2541.875	5137.74	4415.56	4965.926	3333.312	3098.696	3584.754	2637.871	2661.468	3022.554	3767.349	2789.551	3212.539	
CUST_41072_PI429010886	M56817	0.00354723	24	3						70.70842	33.39856	82.91936	78.72715	116.1509	104.9676	24.76219	20.97815	30.71104	50.43341	60.86142	77.35718	48.95729	73.24973	102.1812	22.88115	19.89427	25.1445	33.66656	33.71363	24.9948	68.15639	30.29561	50.43341	29.84906	37.38952	40.29385	
CUST_45905_PI429010886	M70684	0.00354723	24	15	321461384	hypothetical protein DAPPUDRA	Metabolic process	Generation of precursor metabolites ar	7.92E-31	19.34486	26.99645	13.62435	12.3846	8.124053	16.28066	37.9964	16.15211	22.46641	33.95966	18.15913	12.86759	21.83271	9.840114	27.99927	57.61594	32.22297	45.67933	33.72829	15.84358	32.36608	29.6222	24.49326	28.47101	33.75905	21.23607	29.26681	
CUST_34437_PI429010886	M9678	0.00355814	24	3	242017921	conserved hypothetical protein	Protein metabolism	Proteolysis	1.15E-57	121.1292	91.94456	77.47208	78.83688	147.3274	145.6946	88.10909	112.473	104.9484	71.40475	98.00625	133.335	103.2365	65.94538	106.4444	51.26114	38.64131	37.03848	87.9342	87.18835	61.46387	66.6241	103.1735	57.59604	57.07543	82.48416	84.12527	
CUST_30234_PI429010886	M61450	0.00355814	24	21						174.3407	198.7013	222.7248	220.1875	112.683	140.444	137.6386	183.4518	216.3545	188.1844	117.9775	142.0207	199.3483	119.8645	73.88293	319.1468	182.8121	233.7126	218.3332	176.1183	222.9246	353.5795	223.6033	250.4566	342.3913	184.613	272.5228	
CUST_46364_PI429010886	M72392	0.00355326	24	3	121484201	cuticle protein CUT9 [Portunus p			4.12E-10	1720.907	26.24625	1883.877	2600.653	2704.306	2436.323	31.46705	134.8435	58.24276	960.1156	2228.732	1383.294	393.8421	1584.461	1043.236	NA	23.50843	11.8917	60.92733	169.8826	44.63889	1308.545	733.4921	876.6144	70.55138	496.2739	183.5918	
CUST_13287_PI429010886	N30915	0.00355186	12	9						NA	24.39861	13.95828	5.161139	9.044852	3.506178	6.527016	21.73892	30.64789	21.1277	40.26358	20.18794	15.82424	23.44924	10.75515	3.310609	9.426819	3.97447	7.870331	61.21121	6.146523	9.651486	36.37756	24.30578	13.27761	25.41498	33.76496	
CUST_4406_PI429010886	N16692	0.00356246	24	0						124.3455	121.0405	73.56286	22.81234	62.90417	35.90062	121.4525	65.37786	86.16832	40.3475	65.42578	8.150003	51.63077	54.66763	105.1035	80.96563	23.73991	54.8814	100.875	94.31617	121.6759	97.48939	66.63152	83.70817	184.9052	96.19976	133.3669	
CUST_32743_PI429010886	M4996	0.00356253	24	15			Metabolic process	Carbohydrate metabolic process		367.5711	180.4396	195.9869	184.5342	42.13235	122.4236	336.8186	724.9498	551.2795	868.2894	395.2192	218.3991	478.4126	525.4149	239.9273	1399.933	286.9821	1468.759	736.2732	685.4537	1132.862	545.4629	51.21191	432.0096	1005.566	211.7618	648.9592	
CUST_44663_PI429010886	M66602	0.00356373	24	18						206.4029	496.8458	572.9401	178.9851	109.5487	122.3346	247.6563	360.8837	462.9596	186.1968	208.3716	143.1622	192.3394	141.4616	257.0403	340.1047	208.3055	335.0262	787.5865	612.0937	1128.19	387.6202	265.6845	236.8696	412.5149	151.6078	398.088	
CUST_24933_PI429010886	N51504	0.00356853	24	6	321477434	hypothetical protein DAPPUDRA			2.78E-25	51.80751	56.89319	63.72422	103.9282	67.7438	94.04538	108.0539	70.73344	99.84349	74.15901	96.23561	90.76223	47.09644	46.8318	48.02557	74.72923	125.3249	109.8644	89.5211	49.81991	59.27468	42.48778	48.26184	38.20339	66.11318	90.13423	67.53158	
CUST_32156_PI429010886	M3385	0.00357918	21	15	291241353	PREDICTED: hypothetical protein	Metabolic process	Carbohydrate metabolic process	3.68E-38	68.39377	75.49296	50.24098	37.59336	94.22856	60.52841	64.90539	100.4391	84.00818	69.77207	114.1426	82.73518	65.81456	111.8609	102.9977	77.6465	122.7013	87.22486	87.18835	86.81003	107.6401	35.63867	61.45632	74.4166	62.73874	77.46257	60.86727	
CUST_30495_PI429010886	N62014	0.00358293	24	0						43.85321	47.73425	54.17655	37.7689	27.34326	33.53984	26.68521	27.33338	24.76487	20.7271	36.89171	26.6719	20.2155	63.94264	26.56674	27.2697	24.00968	27.75069	25.41794	21.02168	20.94297	27.39507	57.49967	46.768	53.61862	59.13513	29.95632	
CUST_6232_PI429010886	N19820	0.00358065	12	9	443719661	hypothetical protein CAPTEDRA	Metabolic process	Lipid metabolic process	3.26E-114	169.6212	374.7006	345.8925	194.635	221.1981	187.1971	262.2441	258.3703	273.0815	276.7278	339.5673	328.2775	224.8574	151.8271	207.9512	219.2338	175.182	244.8381	277.1553	321.9997	343.1184	330.3379	318.5699	355.5754	347.8293	248.0559	285.7894	
CUST_8857_PI429010886	N23710	0.00358587	18	15	157126301	latent nuclear antigen, putative			0.000000111	111.8445	151.0071	144.9158	114.1426	95.44831	99.80727	180.3196	157.847	152.1456	180.4963	107.6658	118.4747	164.1331	112.963	131.2891	243.3699	190.463	229.4919	154.6439	122.3191	163.0243	145.2708	100.3265	138.5257	168.5856	157.7159	167.7409	
CUST_20403_PI429010886	N43379	0.00358587	18	15	196014851	hypothetical protein TRIADDRAF	Metabolic process	Carbohydrate metabolic process	3.65E-09	14.86033	25.74022	29.16979	10.22653	8.640415	4.260292	41.49384	34.6494	27.56835	44.04067	22.39651	17.2724	17.52792	3.749863	14.18007	35.18743	54.30068	48.38472	33.64233	26.11634	31.22074	14.44191	5.563331	15.15512	16.70829	31.68069	38.55552	
CUST_46595_PI429010886	M73104	0.00359109	21	15	238683723	60S ribosomal protein RPL23 [Pa	Protein metabolism	Ribosome biogenesis	5.63E-14	55.87434	26.98744	36.11092	59.57649	17.39841	41.72041	52.19714	81.71011	70.04249	52.99968	62.65027	13.98648	55.62648	62.3254	28.87517	69.45139	107.4395	94.815	112.2997	73.92515	66.65338	61.58	20.37574	46.27549	42.14752	23.39604	23.25083	
CUST_55798_PI429010886	M111738	0.00359143	24	6	542173512	PREDICTED: nuclear RNA export	Transport	Other	2.07E-57	8.837166	6.547691	11.25075	10.47216	7.339187	13.78304	16.96246	11.15315	15.25766	9.104193	NA	12.13497	10.66525	13.61629	7.562132	8.898826	9.707188	9.317073	NA		14.42653	5.443763	6.569065	NA		5.181037	NA		NA	7.024734	
CUST_11542_PI429010886	N27994	0.00359474	15	9						178.3834	318.7134	189.4144	132.8203	212.5212	177.5731	168.902	213.0837	288.7179	217.7355	354.4054	231.8452	289.5149	315.8899	276.0279	193.4888	350.2239	305.1178	165.368	246.5526	148.3156	241.7973	294.6856	310.7141	326.0295	293.2244	356.7674	
CUST_39657_PI429010886	M42308	0.00359681	18	12						37.07514	30.3043	28.46437	27.24634	16.01417	20.41052	33.17685	19.33037	20.53051	34.96505	31.02823	18.45917	44.81684	38.00971	22.37256	34.40814	36.04233	35.48951	21.85917	27.9237	31.19486	15.16316	20.85861	28.42735	46.20239	27.37466	25.00771	
CUST_2186_PI429010886	N11822	0.00360232	24	15			Protein metabolism	Cellular protein modification process		1206.191	1833.61	1273.044	1211.671	1079.588	1002.076	1491.134	1340.842	1521.677	1466.746	1064.289	1583.518	1359.653	1154.406	1193.688	1660.744	1836.765	1788.478	1757.509	1450.664	1941.997	1356.93	1373.039	1619.49	1605.841	1196.456	1999.65	1662.168	
CUST_6327_PI429010886	N19951	0.00360232	24	15	260818051	hypothetical protein BRAFLDRAF			7.68E-56	343.9474	547.9685	507.7884	360.0833	348.0379	326.4698	526.4775	598.7661	634.6359	474.3448	385.0272	367.5711	468.8585	418.1662	415.5107	535.6201	667.2339	707.3888	585.434	577.2434	898.3377	463.1658	442.023	462.6929	484.9944	432.9222	656.3228	
CUST_6903_PI429010886	N20755	0.00360672	24	0	328779109	PREDICTED: Apis mellifera vincu	Cellular Process	Cell adhesion	1.43E-84	36.01668	27.13842	28.27048	24.96583	12.94453	23.24571	30.20493	26.17673	21.7802	19.53602	13.40748	13.14087	19.15769	16.01569	17.10849	17.40265	27.20683	20.61709	29.33753	20.74399	24.83115	20.9266	19.56731	19.82888	27.06704	17.10366	32.68841	
CUST_47648_PI429010886	M77027	0.00360709	12	0						45.35771	31.31571	49.11594	56.11745	29.95843	46.82329	27.69246	23.94642	27.24634	55.16243	28.7875	39.77797	40.61754	34.61745	42.62886	35.40841	30.51443	33.84162	19.55478	25.90137	28.21781	42.17431	26.22609	31.0164	41.25004	30.14806	38.06618	
CUST_16647_PI429010886	N36625	0.00361204	24	21						109.9399	151.2383	132.7314	115.2516	103.5143	100.6344	78.33954	104.8565	101.6524	128.6276	120.513	128.3867	76.80903	124.1583	96.58233	136.6675	93.37419	131.9106	125.7244	116.3062	152.0785	150.8113	134.0586	181.663	153.9033	139.4089	190.9064	
CUST_52780_PI429010886	M98878	0.00361278	15	0						93.51275	275.6274	315.3455	163.5866	258.3202	151.5059	71.44611	89.76967	26.79915	56.76972	100.1289	45.5523	90.41336	130.479	118.8271	141.6927	145.1769	104.1434	18.58892	84.58847	85.03859	37.93869	141.6695	137.3537	23.98408	42.29117	42.42056	
CUST_7564_PI429010886	N21738	0.00362431	18	15	241652778	galactosyltransferase, putative [			1.4E-64	67.41761	82.66079	89.76139	61.32398	63.17902	48.87241	77.45378	66.65338	73.60215	71.09432	50.13895	79.14448	71.63426	66.8086	53.1876	70.0874	104.0803	95.02561	63.06627	69.58412	63.03163	45.72512	61.67047	63.66743	70.56233	61.81014	68.30948	
CUST_11659_PI429010886	N28192	0.00362431	18	15	110671430	putative ribosomal protein L34 [	Protein metabolism	Ribosome biogenesis	5.42E-30	36195.31	38060.46	31967.8	28943.19	24289.54	28414.17	34877.59	36967.46	35305.99	35445.2	26678.14	35862.04	33637.86	30141.56	33304.41	44913.68	45731.6	40915.77	30065.36	33304.41	30821.46	27832.29	33637.86	33076.81	33176.01	31206.9	33508.11	
CUST_27132_PI429010886	N55501	0.00363016	21	15						135.8408	113.4005	203.392	61.89058	58.30569	36.10172	42.87617	99.7036	41.63464	42.08196	25.7107	27.01035	203.6502	46.03907	276.2644	73.52254	179.3632	147.0201	186.728	77.69968	147.9838	77.17435	65.81456	48.07163	113.4582	99.97142	134.6275	
CUST_39744_PI429010886	M43810	0.00363091	12	9						31.91659	5.602333	34.5207	198.6089	86.32974	39.30626	13.82584	451.4694	460.2218	804.3138	351.1109	575.3242	983.8429	250.1228	444.9419	NA		NA	NA		346.3619	29.52107	289.1658	1087.769	1403.719	1926.392	22.9023	221.4294	215.8263	
CUST_34516_PI429010886	M9897	0.00363215	21	3						55.22014	111.9372	86.66046	95.61224	101.0861	82.42776	50.91261	83.19883	102.0776	64.1954	37.3522	54.45212	66.95538	56.64171	61.17453	67.73599	103.8143	92.95971	77.98875	70.62321	92.33626	89.41928	95.78807	82.32889	85.70234	109.2206	97.21065	
CUST_24623_PI429010886	N50963	0.00363488	15	0	321459829	hypothetical protein DAPPUDRA	Developmental process	Nervous system development	1.43E-13	45.79664	60.71646	NA	41.57252	20.76565	53.45604	58.86906	48.67088	48.77948	20.7793	21.04763	5.534335	34.6494	31.34548	36.22402	92.36671	50.90051	49.78973	71.80743	22.01795	45.17249	5.675951	41.85499	54.29543	21.23607	39.63818	4.888737	
CUST_34844_PI429010886	M10870	0.00363658	15	9	321474388	CG13830-PA-like protein [Daphn	Signal transduction	Other	2.66E-12	66.32665	60.22483	74.42622	66.67393	59.16434	49.92591	46.88337	68.50135	59.38272	80.99203	74.92905	60.58781	49.28723	59.00011	56.05872	76.08583	76.64241	60.83425	45.07182	46.21146	52.20454	77.21485	54.17655	72.31873	80.03641	90.62398	96.62082	
CUST_7915_PI429010886	N22267	0.00363234	24	0	443691851	hypothetical protein CAPTEDRA	Reproduction	Reproduction	1.42E-41	26.78121	25.42047	19.05953	23.01448	18.66832	21.39999	NA	18.65321	20.67803	14.1084	8.256752	35.19371	9.941387	10.79953	17.08255	22.60277	9.33567	17.95932	19.23624	21.35401	17.34867	21.78716

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_30331_PI429010886	N61647	0.003763207	15	6						54.56309	25.63539	40.73056	42.44693	24.23948	29.08789	60.84053	174.9928	240.1963	44.36058	148.107	39.579	58.9878	25.18427	45.08608	27.42138	17.15642	30.88222	44.11057	88.30662	92.26014	74.70953	137.3189	105.0258	24.16363	36.01433	30.36962
CUST_32445_PI429010886	M4137	0.00376336	24	9						47.42663	33.47158	40.41914	43.93243	32.94207	39.95843	52.88225	35.27964	61.62446	74.39469	52.6814	48.18525	48.81332	42.45213	33.40941	65.65546	74.18037	68.38347	39.36544	37.60365	30.05953	29.61117	39.41457	23.04458	46.94606	32.28459	43.93243
CUST_38563_PI429010886	M2821	0.003765107	18	15	157127583	troponin i [Aedes aegypti] >gi|1|			4.06E-41	91.4929	111.3972	119.4045	91.11591	74.89382	64.50416	135.6294	84.93839	79.66104	118.5815	113.2938	138.575	149.0067	66.72007	123.7254	165.8065	163.6628	109.6769	109.6769	78.73755	72.29255	108.7869	130.415	83.96708
CUST_37093_PI429010886	M17830	0.003767615	24	15						17.13689	19.21808	17.54223	4.79296	17.97466	11.12634	8.310351	10.56444	14.86234	11.04699	17.81491	17.82226	26.4046	18.83693	25.58164	22.57092	25.75942	32.67436	14.74345	19.56045	12.18092	26.46648	24.14324	14.43107	23.64329	31.91659
CUST_11500_PI429010886	N27915	0.003772087	24	15						596.2588	773.3668	591.3029	555.0536	517.3443	467.6907	326.5385	461.2704	414.9926	645.8971	413.8083	401.2544	879.1441	370.5351	731.2874	1022.285	850.8759	706.8768	878.4972	630.7177	659.603	1116.065	611.3316	735.5518	1262.927	405.6944	935.0962
CUST_51728_PI429010886	M9474	0.00377636	18	9						9.850773	12.25846	14.98689	4.795354	16.74205	10.56207	20.55348	NA		18.53796	23.422	49.51361	21.75638	12.00163	14.12665	11.94299	13.93501	12.92228	15.04296	11.67372	11.61625	18.84481	14.06051	7.769994	14.48646	19.10315	16.11449	18.88058
CUST_29668_PI429010886	N60323	0.00377829	12	9						NA	5.307449	6.144785	7.865315	5.37508	11.50267	9.003802	NA		8.318366	10.07945	11.04053	11.24141	5.929819	3.720792	7.569054	9.562348	NA		10.78499	5.366961	NA		5.592145	13.23504	11.21493	11.51954	4.57399	9.829222	4.372897
CUST_37475_PI429010886	M19163	0.003779258	24	0						16106.84	13248.98	14285.49	7844.789	5726.275	5666.924	6936.974	8227.781	6897.446	15170.38	7704.294	7166.836	10746.95	4329.518	7248.769	10506.53	9516.402	4834.858	14956.1	8786.531	9613.776	15012.16	19237.66	13635.69	29843.45	18910.88	26803.66
CUST_49581_PI429010886	M86244	0.003780918	21	3						190.8547	177.8178	NA	63.1189	2078.188	2082.19	198.8809	758.1822	171.9853	NA	390.7977	398.4892	NA	158.6925	111.793	38.14824	15.30443	9.396737	8.851485	1164.632	14.21299	NA		271.0264	NA		2264.823	NA
CUST_45008_PI429010886	M67698	0.003781269	24	15	321466590	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	3.97E-32	41.39421	60.14723	52.89528	31.91889	29.38566	34.66846	57.92587	61.87143	62.38786	54.18142	36.04017	24.83115	52.75072	37.31661	46.03907	82.02164	82.69673	77.83598	53.92132	47.05022	64.85257	45.25376	37.50453	45.81835	65.67004	44.02111	48.32075
CUST_50872_PI429010886	M91294	0.003787252	15	12						6.203165	10.22133	8.231507	4.414781	NA		6.865089	NA		4.448272	9.946155	NA		19.52016	9.942624	12.55593	15.44438	13.51981	8.284739	7.27001	10.21326	4.73725	11.4865	6.692466	10.26423	10.61353	6.471559	11.43085	8.937861	13.14544
CUST_39428_PI429010886	M33927	0.003789157	21	12	47211322	unnamed protein product [Tetra			0.00000034	32.65563	39.6417	28.65621	60.10219	68.40054	50.98858	45.03269	40.2126	50.4892	65.15059	49.00524	62.60527	100.8962	50.42732	50.68042	34.70595	61.36611	50.96545	70.76996	27.40129	43.73547	33.73518	41.58882	35.61538	32.19498	41.17764	42.10969
CUST_51082_PI429010886	M92093	0.0037938	21	6						11.34354	14.73636	10.3228	23.30899	16.99898	7.885832	18.68973	29.22381	27.06162	21.07922	9.206401	10.63475	9.11221	17.6345	7.830046	6.515712	20.86335	18.85113	6.89548	8.259511	8.173581	15.09289	26.72167	6.891795	19.17715	24.82357	13.58051
CUST_31415_PI429010886	M1476	0.00379531	12	6	270005507	hypothetical protein TcasGA2_T			1.72E-53	NA	10.04386	NA	NA	22.61447	8.923377	NA		36.21321	34.38418	12.85464	5.107275	14.35464	3.82594	NA	14.08381	10.78353	5.879724	7.904365	17.6212	36.20611	40.56201	6.81204	6.356289	9.821487	NA		4.681705	NA
CUST_12158_PI429010886	N29022	0.003796649	18	12						21.3257	19.35309	21.90629	27.84184	25.51207	22.35063	21.7802	33.64987	43.8296	22.86026	161.8447	25.28782	116.0279	102.8763	28.79283	23.26132	24.63804	27.6757	22.56843	14.01076	24.11615	19.04623	61.77408	32.52246	22.248	26.69299	35.02108
CUST_16613_PI429010886	N36568	0.003804242	12	9	54042615	arthrodial cuticle protein AMP6.			1.05E-08	2314.026	202.4552	1584.461	3022.554	2467.704	1819.509	97.60846	115.5552	149.6459	4064.827	3636.712	3611.195	3319.225	1319.093	2672.714	13.31134	18.56115	40.07582	314.254	196.9837	260.696	3654.032	2558.16	3478.142	534.4784	1099.075	1844.624
CUST_47195_PI429010886	M75150	0.003804675	24	18						695.5915	883.7364	941.0274	638.4715	573.6451	660.6448	680.2076	733.0037	895.8876	716.3366	655.3101	752.85	702.325	607.8959	773.0893	1283.49	833.7381	1005.944	1541.174	735.8335	983.8429	1273.67	734.9802	980.6718	1252.458	654.1448	1110.326	
CUST_46850_PI429010886	M73935	0.00380549	15	9	246372819	voltage-gated sodium channel [(Transport	Ion transport		1.29E-98	26.52653	24.09442	16.1275	9.534814	21.53313	26.30298	22.83159	17.43071	21.86479	30.31074	27.75069	33.75196	13.19901	22.6466	27.77843	27.95476	23.69096	25.59906	22.88864	17.425	19.78002	32.21229	24.43421	26.49621	31.08176	25.41015	51.07007	
CUST_16922_PI429010886	N37078	0.00380549	15	9						67.07909	75.30381	55.84882	63.87749	63.5294	47.13519	70.51234	68.15639	56.12288	90.3848	81.89101	68.27308	62.61027	55.45245	66.58185	89.45518	92.50275	60.89851	57.50494	54.69951	62.85549	71.65566	82.95322	66.47509	87.59003	82.08894	113.9079
CUST_44348_PI429010886	M56681	0.003809022	24	18						33.25783	53.98617	65.95736	58.70057	42.96134	47.73509	38.93222	58.23269	59.7098	53.8169	46.15921	30.5034	38.46213	59.80532	45.99785	66.9011	81.30602	62.05097	64.56632	69.41702	60.26506	66.87009	61.06467	70.25686	78.85311	52.25391	62.5781
CUST_6469_PI429010886	N20139	0.003809022	24	15	242005831	WD repeat domain phosphoinos	Metabolic process	Autofagy	7.93E-117	97.55312	73.21671	90.39488	86.62987	67.11217	83.70817	93.60566	54.12459	72.97666	99.93518	78.3065	106.7181	132.6428	81.2035	99.49612	133.0536	90.41336	126.6578	114.5333	88.02817	115.8122	123.3372	82.19156	110.7454	105.3437	62.89605	103.5796
CUST_29420_PI429010886	N59830	0.003809022	24	18						337.0445	469.6287	418.1662	309.6955	266.8703	266.6798	449.5658	443.6171	460.4529	454.5758	254.533	251.7959	503.6798	277.8246	332.484	484.4076	501.1967	502.8105	494.2109	444.1379	590.9592	507.5036	431.4309	571.8635	473.6093	379.0965	494.454
CUST_3854_PI429010886	N15411	0.00381894	18	15	72094941	PREDICTED: protein SpAN-like [S	Protein metabolism	Proteolysis	0.00000032	39.20662	65.24075	38.57897	39.04694	78.06756	59.09838	30.19875	56.46685	24.79879	47.41217	56.30361	44.38354	95.95593	57.19268	40.6742	61.68952	78.23924	52.53638	76.5464	74.85952	56.85229	70.39513	48.20014	43.03704	36.62239	13.44675	35.83339
CUST_15031_PI429010886	N33891	0.00381894	18	3						27.4271	14.53951	18.12496	26.29555	28.65875	32.72443	66.54171	22.88663	22.9795	10.55859	18.28904	17.48259	21.65257	23.47814	20.0975	19.14248	23.55652	14.44521	23.24733	29.05473	24.49701	21.48961	28.9184	30.71702	18.46557	22.82225	32.28165
CUST_3443_PI429010886	N14509	0.00381922	24	21						144.6342	149.6459	122.8211	128.8295	99.18844	107.5363	119.1723	119.807	146.4666	126.0374	99.38318	108.3275	111.7787	96.89897	98.46402	165.742	94.12797	147.1665	175.6627	127.4216	132.8564	199.1806	130.479	159.9495	174.9627	111.8445	206.3209
CUST_52599_PI429010886	M98124	0.00381974	24	0						61.2068	191.9057	122.6813	15.88417	27.702	17.50283	77.08119	45.01683	102.9449	19.46755	49.92591	57.81843	28.8322	13.28735	24.80109	14.42774	39.87272	35.14363	207.9716	85.27841	160.5687	128.1605	50.7989	87.43473	198.1201	60.93815	159.2971
CUST_12389_PI429010886	N29386	0.00382136	24	18						507.073	513.0768	598.5974	499.2313	412.7396	432.5544	437.6531	463.6603	530.6467	405.9933	422.5065	533.5339	588.164	487.4115	595.447	574.2528	480.3553	496.692	616.0609	573.048	642.342	581.3213	560.3033	646.8706	644.0162	512.9523	771.7617
CUST_34667_PI429010886	M10290	0.00382782	24	15	31338868	glyceraldehyde-3-phosphate del	Metabolic process	Generation of precursor metabolites ar	9.81E-124	9598.965	20020.97	14642.96	8786.531	7762.077	6358.535	16847.05	13658.74	18146.2	12378.85	7621.268	7364.792	15340.52	12765.38	8846.332	16070.74	22279.42	20020.97	12442.6	15553.93	14764.65	9194.226	11881.91	9643.272	14389.61	11643.13	11305.05	
CUST_20287_PI429010886	N43173	0.00382782	24	15						481.7121	992.2362	592.5764	526.1263	482.4747	535.0429	1038.012	787.5865	799.983	981.1472	664.4758	657.9421	814.9423	659.603	408.1119	1153.859	1083.848	1161.622	865.6479	625.077	814.573	603.0231	618.1517	681.5295	854.3715	649.7567	696.0096	
CUST_40043_PI429010886	M49195	0.00384848	12	9	155966159	hypothetical protein [Lepeophth			2.43E-12	6734.459	159.3669	5545.402	6791.114	3390.028	5726.275	623.4767	603.9154	1077.231	9129.704	7203.647	8996.679	10352.54	5558.806	8522.605	54.70587	4.176443	91.50373	1780.678	1798.348	1329.124	10587.95	6929.595	10035.81	3079.233	3342.747	3995.862	
CUST_26948_PI429010886	N55169	0.0038498	24	0						30.19535	39.06825	35.22067	17.50536	27.70822	24.44216	15.87086	21.68208	17.21141	23.89372	27.55711	16.32616	7.932927	18.47386	32.59982	45.80468	22.94332	25.81706	28.70626	26.64465	27.66729	21.68674	26.60187	26.56161	30.94993	32.69926	54.69951	
CUST_35533_PI429010886	M12815	0.00385283 6	24	21						400.6266	455.0731	365.7666	313.2852	352.0796	278.6422	191.2871	308.3526	313.0268	370.9049	365.2368	348.1933	332.6579	274.6613	297.3675	470.5066	379.6985	380.83	456.2678	360.8837	309.2002	567.1816	375.8148	435.731	610.1834	422.0714	605.287	
CUST_41117_PI429010886	M56910	0.00385283 6	24	21						15.42242	15.68303	25.82506	28.0635	23.775	19.95709	15.03411	12.91146	11.83721	16.34183	14.36256	22.21977	17.29188	14.4625	18.32029	22.94579	18.76673	32.26395	20.53404	16.51171	19.67547	18.53005	32.76569	40.84998	14.87284	20.81559	26.2902	
CUST_47849_PI429010886	M77840	0.00385283 6	24	21						80.15283	88.75	86.02033	71.79771	50.75197	51.90562	72.55053	72.17918	66.05158	99.65569	64.8708	76.30002	87.61045	63.81233	73.12505	85.83911	86.37483	102.9594	77.5538	67.94466	86.04303	103.6807	90.07438	102.6229	83.91189	74.40311	89.55714	
CUST_11864_PI429010886	N28533	0.00385283 6	24	21						77.49407	105.7248	101.2545	98.57909	89.26114	74.46936	69.13756	93.26197	77.2068	86.00068	115.5416	100.264	84.78014	99.116	102.5557	82.72976	90.67901	103.4374	94.9824	127.4388	116.2357	103.9282	128.1975				
CUST_6689_PI429010886	N20466	0.00386604	24	3	157134143	glucosyl/glucuronosyl transferas	Metabolic process	Other	1.12E-69	160.9133	10.15772	10.62276	10.57021	21.76828	9.969471	14.07796	7.85968	4.819687	12.70386	11.08375	10.87768	3.763751	6.191209	3.66961 NA		6.571137	7.886951	8.593041	4.237452	8.468746	11.54243	10.88798 NA		7.087249	14.60762	17.5783	
CUST_15430_PI429010886	N34569	0.00386750 7	24	21	505844696	PREDICTED: tyrosine-protein kin	Protein metabolism	Cellular protein modification process	1.55E-27	49.9052	70.26755	85.47045	84.9077	65.1725	43.13538	61.18015	69.71651	89.69131	63.10394	62.14833	58.39443	67.45544	50.16118	66.79456	65.69754	61.27966	83.18277	73.84495	93.83228	94.57461	76.27282	97.2956	113.9699	86.36335	73.72575	146.6123	
CUST_53620_PI429010886	M102512	0.00386935 3	24	12	443716906	hypothetical protein CAPTEDRA	Transport	Protein transport	3.34E-35	199.588	258.1565	273.4227	1464.031	593.3017	581.9588	2666.243	781.2177	2514.613	439.8767	3354.131	196.6443	4109.069	3058.086	509.999	341.6702	1992.843	910.2628	135.8804	345.7435	312.008	210.955	1165.385	1227.139	200.5182	209.1419	320.381	
CUST_46788_PI429010886	M73726	0.00387083 7	24	21						1765.847	1767.886	1435.616	1686.38	1353.691	1369.757	1625.527	1352.876	1634.309	1620.506	1172.08	1469.262	1447.815	1170.841	1408.778	2132.096	1604.901	1669.427	1886.448	1470.023	1614.735	1904.856	1624.639	1768.674	1776.485	1559.979	1708.901	
CUST_10133_PI429010886	N25745	0.00387268	18	15						55.35053	74.63073	72.6168	69.43522	39.78094	69.64615	104.2797	71.33856	53.31643	78.81902	61.81635	67.5936	89.01896	66.17125	85.62565	112.1849	90.18372	106.7298	80.51893	62.80159	95.92856	64.71994	42.51318	72.43858	80.12221	56.34856	69.70354	
CUST_32599_PI429010886	M4539	0.00390996	24	18						305.1744	378.2634	386.8846	299.5341	275.3403	268.9804	281.8133	380.83	329.7868	316.3525	315.6961	338.3895	332.3383	289.2838	323.8056	384.9395	315.8899	412.0092	437.2723	399.4473	433.9196	366.6368	344.0704	420.7391	506.5099	425.365	527.3184	
CUST_5227_PI429010886	N18423	0.00390996	24	18	345481436	PREDICTED: putative rRNA meth	Nucleic acid metabolism	RNA metabolic process	4.01E-74	37.15316	44.5991	51.39588	45.89143	32.43638	24.39861	41.95985	53.88747	47.85839	40.4228	35.53472	34.86224	55.36247	62.48283	41.76233	34.23416	70.54441	48.76461	61.01777	63.23529	66.22878	50.35761	47.77802	46.7009	51.5089	44.52224	49.96679	
CUST_9329_PI429010886	N24451	0.00390996	24	18						451.8198	445.9579	571.9784	372.5479	350.4372	284.4024	353.6905	557.036	608.8174	654.1448	347.0422	610.5014	505.1911	384.5219	420.0475	495.7052	620.5792	586.8713	701.8416	510.5943	680.4062	584.4771	558.6463	777.3446	429.9294	440.1079	770.1221	
CUST_22343_PI429010886	N46858	0.00390996	24	21						41.99895	28.70626	56.54124	53.09948	40.56783	37.69532	31.65179	28.21525	38.99638	41.31086	32.70763	50.86361	40.74313	32.64246	52.01796	71.6009	35.27117	46.91713	67.41125	43.20988	48.51397	58.14687	45.11758	58.25453	55.78477	39.65854	56.00544	
CUST_18817_PI429010886	N40470	0.00390892 7	12	0						22.5248	16.33222	18.24693	16.22685	10.60003	17.13864	NA		6.834174	6.660555	3.037331	6.598734	5.850805	12.00378	NA	3.747178	8.67534	10.99842	9.856067	9.251212	4.426892	10.21326	3.202569	9.800749	5.233224	12.53109	10.38947	6.490355	
CUST_48938_PI429010886	M83040	0.00390185	15	9						468.9491	431.8791	438.485	399.5386	319.8754	271.0733	237.8029	343.406	286.6404	489.0279	478.8721	393.7655	395.794	311.2489	420.2294	386.2259	400.7119	453.1048	341.5157	373.3349	336.7218	390.4253	353.4279	449.1793	452.0404	485.5854	673.3593	
CUST_48378_PI429010886	M80075	0.00391577 3	12	0	21358761	ionotropic glutamate receptor si	Signal transduction	Cell-cell signaling	1.64E-78	12.08433	8.354153	10.8257	14.45239	5.592145	11.11546	NA		3.874608	3.671748	6.532525	5.948304	13.64203	10.45264	NA	NA	5.251169	5.561634	6.455238	NA		3.991072	5.718914	9.237704	NA		5.710174	NA		8.413648	13.84795
CUST_41592_PI429010886	M58100	0.00391960	18	15	321458587	hypothetical protein DAPPUDRA	Metabolic process	Oxidation-reduction process	9.45E-65	52.41843	67.13611	64.65354	64.20079	61.40643	65.58263	66.33824	75.89652	62.35301	68.81679	59.28822	49.71376	76.14147	82.46867	70.42129	91.15714	71.64925	88.04091	64.52421	77.45378	95.85439	37.20732	65.1725	60.41841	66.296	58.13362	63.10394	
CUST_55388_PI429010886	M109869	0.00392249	24	15						330.1913	331.5173	353.0555	377.5103	205.5639	281.4085	341.177	295.9223	243.7665	421.8557	217.2732	274.2134	330.4891	307.8719	226.3355	559.5956	581.9588	532.6369	455.4195	246.4965	414.4974	405.2976	358.97	486.4482	331.0671	248.8065	412.2409	
CUST_16595_PI429010886	M36525	0.00392249	24	12						57.76704	51.42014	29.04471	52.08619	84.95059	66.56707	43.92787	35.53811	50.52247	44.16632	71.73966	80.47316	60.35053	116.0897	115.8934	67.60411	87.16852	138.0221	35.57898	47.72449	32.65194	46.1196	42.70334	26.40151	90.19214	40.0082	25.89856	
CUST_38762_PI429010886	M3014	0.00392649	18	15	71726281	Euphausia eximia voucher KCeu			3.49E-121	396.9028	144.0658	376.0949	407.4228	176.1711	294.796	290.2155	301.8062	293.095	416.251	213.89	260.9505	441.8514	400.5287	304.3391	934.7343	472.1134	796.6121	644.6991	449.5838	492.3391	392.6336	888.8703	262.525	108.3488	205.7216	733.7832	290.4456	367.9676	
CUST_43717_PI429010886	M63783	0.00392649	18	9						110.8779	209.5934	146.4666	137.2449	99.94989	79.46471	151.9479	169.8127	138.3467	153.7917	159.3992	178.4173	93.12448	240.603	160.4657	87.25531	183.5433	156.6327	123.5591	124.389	133.0187	92.1128	123.8118	107.5218	79.86631	152.8487		
CUST_50583_PI429010886	M90352	0.00392649	18	15						268.4249	169.4819	225.5927	211.4477	159.9694	191.9733	213.0837	143.1244	188.2922	262.1946	160.8732	199.5583	385.8737	191.5119	283.351	935.0962	692.3061	330.3379	400.7915	156.7032	326.7696	210.9122	132.6086	196.7017	277.7663	175.2702	242.9432	
CUST_4835_PI429010886	N17585	0.00392959	21	9						67.21667	26.58916	40.69852	72.86661	508.6367	137.4234	30.67349	62.1017	44.43314	NA		224.2516	186.9529	24.469	289.5149	333.7805	13.68542	4.069548	3.639443	9.701216	28.26373	8.951537	37.51315	32.75067	46.55494	NA		23.69696	13.35908	
CUST_51716_PI429010886	M94702	0.00393694	12	9						413.9686	417.0366	638.1559	334.8644	77.99973	189.8628	336.8769	111.7147	378.9491	357.7827	773.0893	278.9328	828.1272	422.3982	124.7151	163.9175	219.538	183.8806	172.3438	354.0991	379.6985	621.7856	470.9814	1048.592	255.866	337.2109	560.6594	
CUST_53035_PI429010886	M99823	0.00393694	12	9						96.73368	139.8891	91.04847	58.60167	107.4552	90.00835	111.0547	117.2468	143.4442	153.0358	124.2797	147.1038	131.2392	86.41587	156.768	142.2138	83.94977	122.0207	150.5356	118.7775	106.9803	165.4776	170.8146	177.7913	139.3356	158.9852	219.1432	
CUST_8243_PI429010886	N22763	0.00394483	24	0						49.57184	76.24747	65.95736	59.23509	52.39131	59.64761	69.46672	59.45185	53.39229	42.77967	55.86654	14.20998	51.04378	46.02219	53.49041	48.84814	65.90991	49.18503	58.2972	62.21897	70.61194	68.24011	62.87718	63.10394	58.9013	63.2206	80.20598	
CUST_34724_PI429010886	M10465	0.00394917	24	21						75.46497	86.62987	86.09864	83.11893	74.16214	64.08368	55.59367	73.22433	70.0011	84.93839	68.04046	75.46497	86.51281	77.00089	82.27528	78.49976	82.14842	67.12887	72.15056	74.61536	75.76283	98.81307	87.00868	100.875	87.40333	82.7532	89.70467	
CUST_42710_PI429010886	M61034	0.00394917	24	3	545188040	PREDICTED: E3 ubiquitin-protein			1.02E-14	53.60597	23.03724	63.64767	55.50618	43.29935	45.80468	20.23015	28.52973	20.73144	34.22791	29.4575	44.79025	21.34152	17.29971	24.22486	28.06923	17.10019	29.40702	20.9828	14.60927	17.39101	43.09613	18.25575	38.9748	32.04295	22.42596	37.62021	
CUST_19075_PI429010886	N40938	0.00394917	24	3	157127444	amino acid transporter [Aedes a			5.23E-40	74.93498	65.01967	58.82275	52.35798	62.1017	54.08928	50.00771	51.49597	46.01299	50.22	25.47189	50.48187	48.43927	40.49223	41.86279	58.85992	26.78523	44.06379	37.86114	36.27638	33.16469	49.7367	43.78502	44.17172	54.0024	30.84622	45.96012	
CUST_56817_PI429010886	M114706	0.00395552	24	15						1333.943	2715.678	2314.026	2039.749	1555.177	1785.094	2300.958	1914.352	1710.003	2807.452	1792.472	1269.337	2436.323	1830.285	1934.597	2900.703	2820.736	2681.804	2652.405	2285.617	2558.16	2467.704	2173.027	2478.84	3159.077	2214.163	2398.339	
CUST_21278_PI429010886	N44939	0.00395552	18	15						112.7891	135.2743	80.97133	80.93024	82.45499	76.79264	135.4532	96.24348	99.07571	124.6061	97.00725	121.6645	103.8712	110.5024	125.7244	130.8473	136.2198	114.3676	114.8354	85.18385	124.5085	102.3834	104.7235	96.9319	131.468	92.50959	107.1873	
CUST_39589_PI429010886	M41504	0.00396572	24	15						882.793	2021.719	1050.844	672.5292	306.6661	388.382	1377.009	1604.901	1406.008	1265.639	484.9644	824.7782	1055.306	612.5918	581.1787	2188.815	2777.197	3056.068	1617.033	1579.509	1407.191	641.3942	747.5407	909.1828	875.8259	1054.885	1052.857	
CUST_53994_PI429010886	M104013	0.00396782 1	12	0	321466304	adenylyl cyclase [Daphnia pulex]			8.99E-16	26.68521	27.03986	31.90974	26.55272	26.64465	22.8101	21.90402	24.67313	31.12893	26.99058	37.36406	19.49861	27.54823	29.20612	34.66072	17.02991	24.32624	15.79305	26.79132	28.52973	31.40901	37.51315	39.63818	24.7069	46.21776	38.87958	44.79025	
CUST_50431_PI429010886	M89794	0.00396858	24	0	383860842	PREDICTED: metal transporter C			5.71E-44	36.69203	36.15228	41.99895	31.13507	31.74591	21.17165	31.74183	34.64088	34.29441	32.61311	23.62162	35.63404	28.23103	23.07724	27.47971	41.09379	28.0231	34.32507	52.95714	33.87486	38.90574	34.13318	33.20541	33.28109	48.15989	38.23223	56.38972	
CUST_11962_PI429010886	N28698	0.00396858	24	0						39.76397	39.44924	40.03196	29.46145	24.4823	21.01433	30.04801	33.04583	45.29856	36.17758	34.09591	28.42064	23.58164	21.54473	19.18145	20.28829	35.25014	30.59991	38.51685

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_30469_PI429010886	N61957	0.004117389	24	12	307199398	Placental protein 11 [Harpegnat			1.2E-12	17.75966	12.48451	25.82213	30.34519	36.87514	21.01206	23.39604	13.58701	36.55366	41.84178	22.56843	34.92175	38.48962	33.24806	67.78785	24.97563	36.09076	19.88951	33.73518	38.14116	40.27654	17.79852	32.14998	31.17639	28.99089	18.17588	19.19457
CUST_2313_PI429010886	N12085	0.004123265	24	0						334.3239	391.3071	NA	51.94695	208.0191	267.8251	358.5953	1010	410.2255	5.358996	10.03167	13.91758	NA	69.55765	NA	123.5992	57.49102	34.26345	105.1035	716.9976	122.9659	NA	329.8991	NA	778.454	NA		
CUST_33791_PI429010886	M7892	0.004127477	18	3						61.37944	33.62051	71.00454	50.20269	78.31361	65.83412	34.86617	26.86328	42.82882	30.383	48.56908	28.70897	69.15316	40.01947	48.51961	31.94975	37.51496	37.50844	38.97889	37.77333	114.6414	92.80135	101.1475	80.23471	45.29856	105.2026	
CUST_48165_PI429010886	M79191	0.004128893	24	9						242.133	146.6342	186.792	215.3375	214.3188	226.1282	179.5826	140.4803	162.5329	227.9494	215.8263	260.0376	219.5016	160.4874	212.3284	192.5776	155.3061	142.3895	150.3174	125.6161	109.3613	195.6436	161.6064	146.8442	196.6122	152.2856	124.8682
CUST_51253_PI429010886	M92816	0.004129194	24	18						12.96468	42.17431	31.56412	4.293487	5.40299	NA	13.48654	15.7815	17.86363	32.43638	16.6041	16.5534	18.30245	9.496049	7.111158	17.18571	34.09891	18.79083	34.2465	23.80052	28.3093	22.95506	11.68618	28.25712	18.82259	10.01645	20.02992	
CUST_53363_PI429010886	M101413	0.004131556	15	0						19.20962	17.61537	18.28134	18.33509	12.72035	15.89766	14.12665	11.37944	13.17479	10.79175	11.80135	13.64514	13.04927	14.2733	14.00699	19.49649	15.82272	20.5047	143.3711	16.89173	75.64874	15.2772	10.1544	10.12695	19.36238	17.52199	16.38858	
CUST_46180_PI429010886	M71687	0.004133749	18	9						23.18254	5.800929	17.97466	46.40767	33.74242	31.81746	45.90076	33.06699	48.45851	79.55681	53.49898	84.75661	23.77756	29.5773	12.14006	NA	3.162548	NA	45.10508	18.77059	28.88967	48.98205	6.08524	44.76603	5.021175	31.78112	48.88152	
CUST_19031_PI429010886	N40863	0.004135254	12	0						19.69443	9.519076	11.4263	5.775662	5.552409	10.48651	3.53189	3.59378	5.836101	13.15906	5.527945	6.049144	7.95024	NA	10.80654	13.28237	6.246654	9.064402	8.036199	5.679021	5.458067	17.92495	9.709038	15.95467	10.66656	11.57021	11.61188	
CUST_37085_PI429010886	M17806	0.004136084	24	15						54.0322	83.97595	70.54441	56.16512	54.67791	38.69748	63.07317	58.10634	72.53637	64.9627	57.3802	50.51811	59.45846	66.36737	52.0131	74.56881	100.4774	75.56156	72.93006	63.48698	73.93804	79.58331	73.39156	75.91716	59.88723	64.31661	72.31873	
CUST_41711_PI429010886	M58365	0.004136084	24	21						23.12555	23.04198	24.04006	16.54048	18.87134	21.64409	8.316005	17.85411	21.49662	18.52205	13.68729	20.58195	21.41224	18.86536	21.48061	25.65087	28.99912	17.29448	24.45965	27.38458	15.98138	23.36545	24.93951	26.62997	23.92779	32.41501	31.64857	
CUST_42899_PI429010886	M61546	0.004136084	24	21	470294077	homogentisate 1,2-dioxygenase	Metabolic process	Cellular amino acid metabolic process	2.24E-60	67.61402	93.99213	74.96434	66.44259	80.82353	37.9964	86.60076	78.44375	112.1712	61.79558	60.75955	51.75972	85.16727	64.24425	53.70551	93.55501	66.83189	69.53147	92.63177	77.49407	105.3437	105.5272	104.4489	95.16242	102.722	58.37071	107.9667	
CUST_44292_PI429010886	M65529	0.004136084	24	15	324497825	putative serine palmitoyltransfe	Metabolic process	Other	4.64E-25	24.07838	18.52811	25.57888	23.25881	18.45165	26.10756	36.02118	16.19225	27.97586	30.13664	21.61108	27.10146	29.96998	25.40839	25.90662	45.42698	29.49099	39.34641	34.16048	29.59753	34.03486	32.32436	27.03345	18.93816	27.94531	22.1273	27.2558	
CUST_7257_PI429010886	N21273	0.004136084	24	21						660.1893	870.8828	781.2177	651.7291	620.0365	600.8289	648.2686	726.7698	750.6007	687.2962	581.9588	620.7278	789.0657	568.2556	673.8771	845.9441	1103.344	931.1977	708.1548	766.0458	941.0274	790.776	886.7077	954.7966	895.4864	747.5407	990.5961	
CUST_35002_PI429010886	M11305	0.004136308	24	15						556.047	621.614	46.70567	825.7252	62.73874	734.7144	1008.499	596.5924	499.5403	339.8451	193.3701	81.32217	691.181	1150.764	843.8571	2650.032	1408.778	1306.636	1099.075	197.4226	1027.321	104.9226	689.5858	79.58331	394.1154	523.3495	60.50212	
CUST_42260_PI429010886	M59826	0.004136308	24	15						65.85526	140.2011	20.04588	237.4902	13.54205	245.1933	200.181	125.1377	33.66656	165.1039	179.9884	24.62618	209.9184	150.2981	196.6443	513.8347	247.0676	311.7988	129.7968	81.88951	101.9686	27.50901	128.2527	28.72644	68.40753	69.25445	18.48559	
CUST_45538_PI429010886	M69417	0.004136308	24	15						201.8328	141.9148	163.4271	223.4224	180.8767	201.258	198.9444	173.8666	216.0939	161.6353	313.6779	150.2981	215.4758	297.575	195.8784	296.2197	338.1196	257.2967	269.4056	222.3298	237.4902	204.8848	154.7361	191.135	218.4319	129.007	143.2259	
CUST_3034_PI429010886	N13645	0.004140121	21	12	195499483	GE24761 [Drosophila yakuba] >g			6.62E-31	58.90806	174.857	70.28922	273.7566	126.4865	106.786	185.4692	267.7311	298.6917	170.0456	133.2506	204.2969	155.7485	336.6729	208.6051	74.80515	226.4631	201.5487	74.51372	96.9842	72.87552	101.98	101.8893	127.4702	153.4511	69.10515	93.35268	
CUST_45374_PI429010886	M68600	0.004141618	18	0						52.52277	55.42689	51.78206	66.68058	60.81905	53.34499	31.4973	36.14605	30.77357	50.36694	44.85324	61.40643	41.47342	55.38965	47.17279	59.54727	29.15694	41.76732	54.20975	49.92214	49.16853	64.7701	52.58375	64.9627	40.26358	52.15113	51.62622	
CUST_11369_PI429010886	N27703	0.004141618	18	15						2042.326	3709.96	917.5193	926.6453	15.60788	579.3718	2648.467	1891.416	942.2704	1961.653	610.864	425.6386	2566.656	1049.887	1458.832	3217.866	5593.889	3371.075	1089.56	305.0003	1007.214	1001.191	986.649	899.2992	1760.199	1698.955	366.4691	
CUST_56395_PI429010886	M113673	0.004141798	24	18						8.333645	15.95845	12.31866	16.26708	9.252611	13.42476	81.53976	10.91561	85.00598	16.95871	8.949447	29.19743	18.20572	24.90125	17.09822	19.73213	17.56556	23.51724	112.9324	106.2768	2.38.5827	43.04426	16.14034	39.28587	33.06934	13.16499	22.2941	
CUST_44717_PI429010886	M66766	0.004141798	24	18						194.9048	324.4873	211.7618	235.5705	241.6209	200.5474	250.4996	241.4097	335.8125	256.4943	235.284	250.4996	269.707	240.6918	303.1963	268.3054	311.5041	287.6916	331.3594	301.2002	340.9357	296.3076	304.7866	331.1317	287.4074	230.1554	366.6368	
CUST_13568_PI429010886	N31394	0.004141798	24	6	262401023	cytochrome c oxidase subunit VI	Metabolic process	Generation of precursor metabolites ar	0.0000000462	406.4569	877.3403	510.0998	506.8228	299.3538	450.8164	571.0817	947.376	667.0187	445.9579	722.1173	770.3832	354.1831	303.1963	349.3947	434.9251	851.4962	553.413	304.7058	335.7533	382.2543	330.8653	333.9088	278.7672	449.4542	482.3026	278.1319	
CUST_28543_PI429010886	N58148	0.004141798	24	21						55.42058	47.08587	65.6817	43.45077	63.54768	36.15228	41.02313	34.87559	33.23134	54.45775	62.46312	72.77442	50.23264	70.04249	70.43485	69.86685	49.18092	57.20828	53.67622	76.10344	42.44693	92.08367	72.15825	76.07871	89.68248	58.40039	89.16012	
CUST_29457_PI429010886	N59901	0.004141798	24	21						97.10574	104.203	112.585	107.332	107.7409	68.54812	92.23687	81.47133	91.19065	111.1154	109.9215	95.53167	105.5272	87.57759	115.5725	105.2701	105.285	117.3251	111.1154	103.9282	133.5862	152.1194	109.762	151.4852	123.354	100.4907	196.2133	
CUST_34700_PI429010886	M10388	0.004150857	24	18						331.9294	429.9294	392.8052	297.7147	290.511	288.7764	341.732	404.9858	491.3879	354.0092	321.4419	348.11	393.1863	351.7434	333.4754	415.2055	408.9306	484.7365	464.1815	387.5344	464.2927	411.5622	404.2408	416.9152	477.4346	341.5971	406.3531	
CUST_38550_PI429010886	M27872	0.004150857	24	3						51.11657	17.14498	36.48955	77.76407	52.67704	52.96757	28.36733	13.75552	6.199384	25.38297	41.62674	30.11046	40.14297	22.33547	31.48421	15.93269	13.45294	17.63035	17.95668	10.49733	11.65578	39.37754	18.71959	20.20024	16.46484	18.20758	19.39459	
CUST_45894_PI429010886	M70652	0.004150857	18	15	256079279	procollagen-lysine2-oxoglutarat	Protein metabolism	Other	2.36E-12	49.04743	68.40753	46.9424	24.75763	9.629964	26.80709	124.4149	48.7205	67.2671	92.39145	31.82327	48.63014	57.60444	39.55139	24.5939	182.1852	119.1014	135.5555	75.58915	84.17542	99.61307	46.0811	45.72137	34.01063	127.8074	56.18757	76.73936	
CUST_34488_PI429010886	M9814	0.004150857	24	21						51.39588	48.78916	49.80766	48.75454	43.15923	33.71712	27.36851	52.62861	41.23205	48.36443	48.94611	34.38418	64.03624	32.08859	43.67914	32.94858	50.45124	58.23269	48.89327	66.74201	39.72867	69.49719	80.12221	80.15283	42.48778	65.56898	74.35572	
CUST_145_PI429010886	N1558	0.004150857	18	3	83628250	arthrodial cuticle protein AMP16			6.04E-16	9257.227	106.3359	8321.498	12097.54	9226.663	12939.25	130.9169	374.7006	119.713	7389.276	10294.69	9056.645	9889.351	8175.098	7353.952	42.16077	80.05281	65.0067	302.4553	907.1782	259.7699	12743.08	5693.503	10430.71	339.8451	2598.143	2203.327	
CUST_19535_PI429010886	N41737	0.004150857	24	3						62.35954	44.01625	61.295	86.78193	104.1325	68.50963	34.06673	29.09105	23.35729	47.71104	94.56207	78.32421	47.55101	77.93692	85.09948	32.61311	17.62376	30.3261	21.51875	31.02035	27.67304	48.93341	39.55568	60.68646	29.3005	54.74265	39.37754	
CUST_977_PI429010886	N8057	0.004150857	18	15	260801622	Branchiostoma floridae hypothe	Protein metabolism	Ribosome biogenesis	2.86E-145	13935.1	22221.29	14363.02	11164.38	10999.91	13761.91	17131.85	22847.77	18320.9	14828.55	10641.47	14389.61	15673.03	15394.16	12765.38	23224.95	23273.41	23503.18	17131.85	20913.02	19341.82	11413.74	14189.5	13737.98	17771.79	16288.46	15871.24	
CUST_18744_PI429010886	N40337	0.004151461	24	9	321466665	hypothetical protein DAPPUDRA			1.8E-26	311.2489	421.0625	156.493	433.9196	1970.101	1313.269	487.7778	586.8713	270.3263	425.8369	1025.404	1531.626	222.7248	932.1979	1192.533	451.6859	523.2386	617.3702	272.0128	549.679	347.4772	202.9059	302.9304	205.2408	262.7505	549.8031	131.8934	
CUST_25625_PI429010886	N52765	0.004160543	15	0						35.62359	54.85916	NA	62.7534	NA	44.39683	47.82733	44.57504	42.61451	17.10366	10.928	NA	59.47811	161.586	34.58559	145.1992	65.20578	73.9144	50.74506	40.26358	47.28223	NA	126.859	NA		13.17949	17.21032	5.282495	
CUST_12729_PI429010886	N29945	0.004176315	18	6						8.130511	6.02664	6.228711	11.5008	15.84508	25.46423	12.89112	18.67811	25.99138	15.18033	15.9251	7.075663	8.396446	10.88367	6.554748	4.788815	22.00011	19.06321	8.549067	13.01662	8.298928	22.27113	NA	12.89112	35.82162	19.4916	29.72829	
CUST_54978_PI429010886	N78054	0.004180204	24	15						57.35561	16.29292	46.10513	31.01468	45.68766	58.55433	45.85631	21.76828	41.20033	50.0875	30.47018	51.89343	53.02213	56.2194	38.95566	138.4795	75.34564	43.92426	82.14834	73.75599	22.84451	60.60875	110.5494	43.98744	73.89156		
CUST_15919_PI429010886	N35352	0.004180269	18	6						167.6498	159.2473	336.212	294.8466	213.0837	NA	330.8653	375.2193	1086.78	168.7398	215.1466	86.78193	459.4079	258.0601	47.35759	63.47982	30.1739	48.51397	1057.612	686.8238	1317.712	324.4875	1018.186	864.8838	685.9099	601.5188	1430.525	
CUST_29305_PI429010886	N59599	0.004188629	15	3						15.09289	15.579	20.01045	206.561	119.4775	NA	253.0838	39.03986	267.1988	NA	47.64318	NA	13.13409	11.47222	NA	23.02109	NA	9.405457	92.9385	666.3032	572.7695	81.58851	42.43263	14.61885	65.41169	75.7215	159.3669	
CUST_783_PI429010886	N7300	0.004189799	24	15	506968851	chitin binding peritrophin-A dom	Metabolic process	Carbohydrate metabolic process	2.85E-08	301.8062	126.4468	106.5406	190.8765	32.21229	111.2293	355.2635	403.6726	379.158	656.4851	297.8139	144.474	298.5983	254.7629	119.8645	876.9516	427.5284	832.328	429.2293	601.9971	728.6567	369.1521	46.42563	192.3671	495.9709	130.9524	228.5093	
CUST_50451_PI429010886	M89861	0.004189959	24	21						102.8763	80.84339	134.9488	100.59	127.9454	59.81196	34.18125	50.87138	45.59558	102.1199	152.0514	81.18389	96.82856	87.63468	114.1426	88.51224	114.2673	84.31911	140.7771	86.27418	92.7356	229.4919	97.69073	196.4999	237.2821	146.4666	175.9436	
CUST_38826_PI429010886	M30982	0.004190441	24	15						10987.48	19195.08	14580.94	8461.114	6094.281	4261.241	9669	12084.47	10485.81	11455.94	6559.55	7039.176	9444.83	9111.496	9041.082	23575.84	24825	21974.84	17287.24	14470.28	12725.99	16655.53	9712.243	11030.98	22332.92	9727.143	14922.71	
CUST_41955_PI429010886	M58972	0.004194597	18	6						19.46755	26.09025	29.45413	28.8296	37.45153	35.30149	44.17652	35.6426	119.4159	36.71863	24.97351	15.24489	45.46717	16.58591	21.52069	20.50045	23.85663	26.0166	58.58735	21.86932	26.14707	55.28754	33.48738	21.10532	65.39166	37.22647	33.76876	
CUST_35561_PI429010886	M12885	0.004195405	18	9						40.30891	44.22724	36.55032	35.47011	26.27536	37.05226	391.9617	39.81879	35.64607	36.32916	58.47152	58.62146	45.60889	36.23977	47.6242	50.64865	49.12192	47.68118	47.84164	28.19441	35.89734	35.67884	31.54041	37.03485	55.06924	50.4892	38.28366	
CUST_12215_PI429010886	N29115	0.004195405	18	15	321459849	troponin C [Daphnia pulex]			8.62E-46	339.636	166.5929	323.5302	275.3403	158.7682	222.7248	322.5903	316.081	180.5334	297.9948	182.2041	243.8189	297.8825	424.6765	223.8638	828.8502	653.8973	1122.574	924.3063	788.3617	1414.36	221.3068	90.53932	172.5296	715.2101	428.5726	245.9747	
CUST_27505_PI429010886	N56179	0.004195405	18	3						399.8074	40.00526	331.4329	490.077	333.6191	299.0693	109.9526	75.51715	235.7954	227.3921	794.0736	162.8199	563.3118	246.5526	197.4942	27.85852	22.39225	26.2182	255.6336	287.7668	226.3355	516.2255	763.8013	416.6449	136.983	389.2749	415.7252	
CUST_28082_PI429010886	N57258	0.004195405	18	3						17.56163	11.21079	41.89159	26.67745	24.42859	23.04683	20.0084	19.50236	19.63427	19.69857	14.03865	9.649837	26.97175	19.32331	37.27103	11.7948	14.1735	14.1735	21.50571	17.87527	14.07625	55.12067	46.53342	37.66415	31.30301	14.36734	36.53804	
CUST_36504_PI429010886	M16088	0.004197209	15	0						36.34979	42.6416	34.53535	27.40435	31.68069	29.96518	25.77691	16.44342	32.35564	24.49701	27.69246	21.39254	27.03618	13.08598	21.64165	40.82014	36.91722	43.51785	21.86479	28.5452	37.58094	30.43559	35.69023	31.09316	21.09303	35.99566	23.82015	
CUST_40044_PI429010886	M49197	0.00419969	24	21						60.74813	97.22863	69.74823	41.06421	56.83684	53.54287	62.1826	67.53847	64.93737	52.7243	68.96449	52.15113	55.06924	60.78187	49.41907	61.11356	75.45664	73.01092	48.67088	59.69202	70.68343	82.96235	82.91071	78.36365	67.69664	69.48765	72.83024	
CUST_55465_PI429010886	M110254	0.00420344	21	18						47.55587	57.06949	53.6019	53.85584	39.64997	45.81369	42.07458	45.44328	52.06198	41.26887	41.55059	68.81679	41.91066	40.45937	45.01993	67.20028	51.29155	65.50892	84.65768	57.0448	68.80951	74.79444	54.39234	66.66302	67.52243	39.80553	46.69101	
CUST_37872_PI429010886	M21968	0.00420344	21	3						153.6189	180.8767	84.38135	137.4877	493.5638	476.244	137.0267	241.9944	114.0896	17.83592	231.9279	219.538	59.15801	40.20755	36.13796	49.63757	43.35233	49.09284	37.53429	144.5227	33.6128	151.8772	173.05	102.222	31.4617	659.603	187.2195	
CUST_25923_PI429010886	N53311	0.00420344	24	3						17.38739	20.84673	14.67985	23.27322	28.83977	25.08941	29.41761	15.41425	16.73229	36.21321	24.20066	22.4679	16.31601	26.38647	22.01115	8.531174	19.64634	12.17947	17.76942	9.381399	14.56816	16.39186	25.01301	17.07418	21.64165	21.44482	17.6701	
CUST_31623_PI429010886	M1992	0.004200046	24	15						73.02024	76.14147	66.97219	108.9605	142.9974	169.8127	77.00729	330.7777	105.9997	125.0917	157.7246	52.56129	338.507	312.4862	376.3542	366.847	715.6987	1015.5816	295.6258	322.6891	112.7945	227.2807	66.63719	226.4651	174.2267	173.8121	115.5828	
CUST_15364_PI429010886	M13747	0.004214678	15	5						82.32889	97.15157	78.85331	126.9153	86.9152	62.08894	62.99459	111.8276	113.4873	115.286	75.53689	75.54554	70.05016	85.69239	58.07534	44.36391	95.62759	93.27574	122.0207	79.34748	95.03516	98.97699	100.0233	85.54851	111.3237	88.72138		
CUST_10556_PI429010886	N26424	0.004214678	15	12	321463419	hypothetical protein DAPPUDRA	Metabolic process	Other	2.7E-85	9.935802	9.858804	13.178	8.042805	3.508961	5.078835	16.98896	7.877193	15.28733	10.93759	9.24446	3.639661	13.78137	12.85346	19.15056	15.91774	11.2094	13.93951	3.237617	4.429653	8.690166	9.38001	9.099343	3.979632	16.16198	5.000935	9.320269	
CUST_23610_PI429010886	N49120	0.004216603	24	0						1061.537	1342.206	1064.289	1047.687	922.1615	935.4596	757.3112	966.3163	954.7966	941.0274	1018.186	662.0947	762.1289	872.6161	765.466	1051.228	1455.905	1204.7	934.0598	855.0422	935.873	725.6388	990.2906	952.6113	1088.256	1316.174	1199.116	
CUST_15075_PI429010886	N33966	0.004225217	18	0						20.69452	23.52466	NA	NA	NA	NA	3.975621	5.077304	7.146978	12.10978	7.425904	NA	11.67524	NA	NA	13.15166	13.7144	5.653997	14.81286	9.733163	8.806809	12.64646	5.923896	6.861282	10.63333	4.031607	5.436199	
CUST_35101_PI429010886	M11577	0.004235025	21	0						56.00071	93.66451	90.27688	65.38557	58.75296	64.54817	55.73395	52.52277	52.53638	67.63991	54.87487	65.49056	68.65785	66.55746	66.64484	67.04993	50.70492	78.32421	78.80045	64.80829	72.27008	63.67462	88.93364	84.99467	66.60304	56.86607	82.29898	
CUST_48865_PI429010886	M82600	0.004243515	24	15						1021.527	1528.323	1363.959	961.4773	800.3618	926.6453	1345.001	1073.164	1451.369	1404.695	836.1158	1155.769	1112.702	850.8759	1251.245	1222.683	1653.487	2263.041	2072.212	1108.146	2078.188	1627.485	1221.044	1716.333	1950.295	1064.673	2144.939	
CUST_2576_PI429010886	N12683	0.004243515	24	15	410509308	myosin heavy chain type 2 [Pena				3825.101	8238.918	4772.224	4322.847	4513.062	3390.028	6717.703	8269.17	5558.806	3506.645	4261.241	4432.869	4900.819	4672.963	3972.222	6543.051	8135.669	9272.221	6155.993	6481.59	6452.703	4910.228	6032.614	5233.042	4633.616	6125.57	5284.133	
CUST_37783_PI429010886	M21562	0.004248524	18	15	13898841	CUB-serine protease [Panulirus	Protein metabolism	Proteolysis	7.54E-60	9153.451	11612.18	7721.817	5879.268	4814.394	4439.592	13879.42	9257.227	12165.66	9855.129	7568.31	6780.642	8484.924	6304.559	5960.592	16726.21	14922.71	14256.4	12021.42	8802.072	10949.85	7337.918	7240.469	7983.519	11076.77	8051.463	9727.143	
CUST_3455_PI429010886	N14540	0.004248524	18	15	238683660	Palaemonetes varians ribosomal	Protein metabolism	Ribosome biogenesis	2.39E-130	26299.14	29396.88	28414.17	24199.32	21710.8	20616.2	35738.11	28561.19	29949.84	34286.52	21010.2	24909.79	25463.11	22777.74	26129.84	37765.06	30065.36	38384.01	30257.2	29725.44	30352.12	22401.51	24659.23	25065.69	27577.78	28414.17	29843.45	
CUST_56423_PI429010886	M113763	0.004249192	18	15						21.61569	69.25445	46.88337	19.43327	29.73407	23.59807	40.30598	46.97626	41.85499	37.6281	41.33391	29.25551	30.9318	26.99645	37.48759	52.06198	47.70295	56.82231	48.67665	54.42434	44.07915	32.33466	20.47402	24.4665	36.27201	35.42699	36.17071	
CUST_3846_PI429010886	N15387	0.004249192	18	15	290908989	myosin light chain [Marsupenae			3.12E-46	244.7879	106.365	219.5016	168.4596	48.77948	129.3499	136.9442	256.9019	68.89904	133.3487	67.2671	120.2076	161.2869	295.1045	77.23272	233.3271	292.6099	377.5103	168.8682	262.4014	341.0171	67.39104	42.59404	45.89596	270.3715	177.388	114.1769	
CUST_12792_PI429010886	N30052	0.004249192	18	3						143.7017	137.0649	173.1143	150.2258	336.8186	229.8267	154.4681	145.7532	177.4828	148.6436	152.4151	195.2973	158.3685	145.2258	112.5245	76.02418	70.39513	97.58001	161.4106	247.5032	143.5284	191.823	209.6366	143.1878	192.7777	126.6423	143.0807	
CUST_37558_PI429010886	M19495	0.004254096	24	18	518355741	hypothetical protein [Streptomy			0.000000056	1888.631	1157.507	2048.35	2140.692	840.6574	1148.486	1065.617	2404.745	1712.689	1345.742	666.8579	651.7291	1614.735	1118.139	820.9036	1103.734	2275.002	2018.868	3043.672	3480.931	4814.394	3168.826	1723.472	1114.745	3011.975	199.1442	2312.635	
CUST_12401_PI429010886	N29406	0.004259291	21	18	390334252	PREDICTED: DNA mismatch repa	Response to stress	DNA repair	7.58E-15	31.33584	70.06067	57.99332	32.91482	40.85573	40.38655	52.25815	46.32151	53.14759	41.52352	61.0054	41.73123	60.98236	47.07893	32.71218	50.80319	56.06577	61.67659	58.08676	61.49909	49.77832	52.23206	42.40053	47.18014	38.93757	33.72001	46.02129	
CUST_45045_PI429010886	M67833	0.004261408	15	9						22.16637	27.72605	36.92692	45.50498	50.39653	15.48991	46.86356	34.74153	53.68198	55.90731	63.38745	37.71641	43.94355	22.66607	20.43895	33.05472	40.73056	35.65021	33.60676	34.63148	44.38354	58.11342	57.93583	32.82226	46.07508	59.72832	68.29523	
CUST_50385_PI429010886	M78016	0.004261408	18	15

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	3	3	3	6	6	6	6	9	9	9	9	12	12	12	12	15	15	15	15	18	18	18	18	21	21	21	21	24	24	24	24
CUST_19331_PI429010886	N41398	0.00439859	24	3						8.600876	19.13165	NA		15.60164	44.03097	48.2963	NA		6.720337	NA		24.58511	26.32359	23.08008	47.6343	34.84492	12.92804	14.68296	15.63953	4.088808	11.14206	5.305303	NA		7.307485	26.83424	20.43703	12.21233		
CUST_3752_PI429010886	N15193	0.00440307	24	6	298162780	early cuticle protein 6 [Callinecte			0.000000249	12.7329	5.596537	10.14958	5.489948	16.99266	16.25789	49.42933	84.56114	57.36369	14.44743	NA		NA		7.690049	7.919117	46.90198	9.44382	13.62144	4.160011	9.642309	33.5727	7.903245	NA		5.996867	4.083445	NA		43.44035	3.545954		
CUST_38322_PI429010886	M25410	0.00440661	24	3	290462391	Cuticle protein 6 [Lepeophtheir			5.98E-10	25130.01	1086.19	21881.51	20662.81	23273.41	26403.59	598.2839	656.0648	718.2472	21590.74	18910.88	26491.1	17658.04	27832.29	12288.42	150.1105	186.0781	383.9073	869.5599	1228.932	706.4981	18910.88	470.762	16801.9	1204.7	1868.336	3310.069						
CUST_32044_PI429010886	M30888	0.00440661	24	15						70.67656	107.4986	82.7532	75.38714	65.54266	76.73936	70.01174	101.6124	89.08902	106.0382	58.58735	77.21485	88.01649	76.3423	85.1761	97.42977	133.6073	125.1917	88.04091	87.28041	101.9985	78.92328	90.40607	86.60076	76.06374	80.20598	109.8644						
CUST_40751_PI429010886	M55999	0.00440661	24	15						273.9926	290.2155	329.8464	281.1468	187.3814	260.798	317.5843	274.5666	310.357	459.3044	249.6908	345.3559	344.8862	235.738	312.0575	447.1876	349.8278	468.9491	427.391	342.9247	452.142	398.6975	238.4366	363.7634	445.3005	294.6196	396.1202						
CUST_44645_PI429010886	M66561	0.00440661	24	15	213408433	40S ribosomal protein S6 [Schizo	Protein metabolism	Ribosome biogenesis	2.93E-11	11572.84	19287.83	13248.98	12402.11	10156.68	11378.62	16372.71	18435.82	10209.43	13135.1	11503.97	11030.98	12836.63	14015.31	11612.18	20099.82	18758.28	22895.57	13503.69	16801.9	18673.37	11455.94	14439.79	14307.54	15847.39	14956.1	15394.16						
CUST_47551_PI429010886	M76564	0.00440661	24	6						89.58853	59.95532	47.73985	17.67253	39.72867	50.95848	85.21665	57.76704	60.23194	72.73375	59.07967	38.57471	40.08729	65.3511	48.47854	41.69944	54.04214	15.61171	37.90412	3.96145	15.30631	44.61738	43.13077	13.49776	33.21927	56.17586	14.12155						
CUST_6027_PI429010886	N19526	0.00440661	24	15	321475563	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	3.85E-52	383.9729	710.633	507.5036	347.7046	471.7045	389.053	461.0647	601.6893	525.5146	474.5724	584.7373	409.5077	420.5189	497.5258	424.7669	570.5532	682.1048	706.4981	574.7506	566.1586	513.7138	488.2191	535.3308	540.0952	568.455	486.1663	474.7066						
CUST_11812_PI429010886	N28441	0.00440661	24	15						67.31813	141.1811	114.5979	74.82596	62.57277	61.908	107.2724	107.6466	163.5388	112.963	86.08655	76.02418	124.0673	119.3462	90.53932	124.3819	186.2275	174.1457	146.9973	97.25517	126.8065	123.1089	110.7326	130.8809	139.9317	119.9522	167.9137						
CUST_16194_PI429010886	N35823	0.00440661	24	21						122.9878	142.8045	156.5799	123.5992	120.2562	107.332	106.0251	128.179	131.9825	121.3291	92.46133	109.6769	110.4251	104.8322	129.2736	125.5101	138.9364	166.8658	105.2026	112.9762	145.1606	124.9411	167.6498	167.3552	135.1101	137.1269	187.5023						
CUST_24222_PI429010886	N50254	0.00440661	24	9						41.86801	45.8224	43.84747	51.12885	65.70417	54.79166	57.18737	35.44968	27.3201	81.84916	65.76047	64.29327	63.02678	46.69101	37.69532	25.80026	80.6925	30.53244	42.57027	43.79306	18.17826	45.54022	25.39744	22.69361	20.06847	46.91713	20.32291						
CUST_28080_PI429010886	N57252	0.00440661	24	15						1692.044	2252.908	1625.527	1788.478	1409.395	1444.952	1888.631	1662.168	2039.749	2135.546	1453.134	1916.926	1999.848	1384.734	1844.624	2954.482	2299.057	2442.216	2826.773	1831.816	2452.653	2400.564	1742.558	2276.393	2895.969	1847.559	2180.402						
CUST_1379_PI429010886	N9447	0.00440661	24	15	350420678	PREDICTED: Bombus impatiens g	Metabolic process	Oxidation-reduction process	6.94E-100	4329.518	9153.451	5166.879	3516.69	3843.133	3798.572	5907.39	7316.568	6041.324	4705.762	3963.836	3688.899	4190.519	4495.71	4221.228	7415.157	7337.918	7032.355	5482.841	6642.147	7389.276	4398.359	6249.252	5162.169	4981.65	5777.198	5507.513						
CUST_37152_PI429010886	M18015	0.00440554	18	0						549.679	756.6003	528.2931	601.887	560.022	451.3395	541.3579	531.7003	467.5708	420.1391	432.0096	370.7223	451.6859	571.5137	364.2801	437.7611	707.3888	655.9099	693.3608	692.1008	735.8335	430.4406	520.6055	463.8737	620.0365	452.3252	601.1087						
CUST_43365_PI429010886	M62854	0.00440554	18	15						151.5648	110.8634	196.7017	85.75696	59.50711	43.83834	171.1268	118.4437	205.3015	153.318	64.1954	72.62444	141.3865	165.3867	50.87138	157.847	175.6041	194.1489	115.6407	127.9261	168.1851	72.5233	85.63473	66.49052	114.8652	109.3052	99.26059						
CUST_2252_PI429010886	N11966	0.00440554	18	15	225714106	Cytosolic non-specific dipeptida	Protein metabolism	Proteolysis	5.28E-177	49.08263	91.39547	49.15533	44.1311	55.49194	49.89252	63.53279	94.33013	54.73663	55.49194	72.97666	79.53675	67.91644	58.19234	70.50377	71.41406	95.11745	83.07439	59.70409	61.19974	89.38934	61.22809	50.1974	56.28495	62.51652	59.02352	63.00637						
CUST_9906_PI429010886	N25384	0.00440554	18	15			Metabolic process	Carbohydrate metabolic process		112.7612	264.0266	117.6716	127.1629	24.38607	119.5667	371.7268	242.0929	230.4612	290.4456	101.6014	142.3895	208.1428	162.2564	170.1972	501.0897	415.7252	392.1412	247.116	79.87529	194.0917	140.2618	101.9592	140.5662	187.1657	148.4641	73.24134						
CUST_21466_PI429010886	N45269	0.00440554	24	0						973.9492	845.2107	533.7924	560.9756	808.5577	713.8123	598.5974	506.6858	651.0737	308.6292	412.7396	523.4696	605.6304	514.354	552.4266	523.9495	685.0854	433.8311	674.5328	399.6202	502.0555	701.0526	657.7333	597.5423	713.1241	985.0075							
CUST_7735_PI429010886	N21994	0.00440554	24	12						431.5244	420.2294	387.7178	436.7155	319.3342	268.9316	244.5822	333.0825	250.7116	319.1468	307.4677	308.5071	407.4228	427.4664	333.0825	328.0523	403.1106	229.3564	324.7451	253.3528	285.5358	460.9911	328.6973	361.3178	367.5711	353.9275	380.1903						
CUST_41508_PI429010886	M57902	0.00440484	21	18						35.86186	50.47426	90.65467	26.96496	39.96323	43.29935	51.42591	66.64484	44.26795	49.98481	51.9164	31.77803	40.90642	64.99766	43.70979	49.4478	169.3865	50.02722	74.15901	61.68952	55.32159	49.44159	49.81991	51.47571	27.72605	49.29631	47.2578						
CUST_15322_PI429010886	N34399	0.00442103	24	9						34.74447	37.76079	32.82562	41.29379	49.6421	38.11477	27.61361	42.32017	35.41491	57.66836	50.1322	46.13577	38.78785	33.3775	38.54735	37.17059	36.40013	42.90506	36.63038	34.75367	46.98969	34.84867	27.54823	32.80252	51.47126	26.60979	33.29327						
CUST_5454_PI429010886	N18726	0.00442233	15	0						405.9933	498.6872	236.2202	405.7918	303.5583	212.0999	160.0636	125.8417	69.23652	116.0591	70.64915	37.03485	328.6973	60.56117	368.8823	799.5929	351.0025	508.9078	100.646	84.91891	155.1663	171.9553	432.0096	74.74645	314.4452	267.7311	71.26688						
CUST_22984_PI429010886	N48054	0.00442598	24	15						14.39152	10.43238	12.74848	12.2567	21.0408	21.24956	14.93971	17.14498	19.22058	10.30349	13.96855	19.16548	15.72542	23.34913	16.61149	28.75907	22.79379	29.40141	15.63074	19.98537	21.45062	14.95172	15.89766	25.81487	8.956638	11.9085	20.01045						
CUST_7515_PI429010886	N21662	0.00440384	24	9						40.24112	NA	22.20069	21.35401	43.79306	33.3337	16.06768	10.45873	NA	21.62961	42.62368	58.28361	14.75816	44.29702	44.21087	NA	14.49352	7.372894	NA		10.41738	5.713125	11.87323	7.35203	10.04481	11.41494	15.23987	10.4666						
CUST_53203_PI429010886	M100710	0.00445378	24	15						6032.614	13360.37	6041.324	6559.55	3452.681	6401.205	12378.85	14032.06	8750.959	8911.047	5482.841	6439.853	7071.199	6592.219	6210.057	17424.76	17424.76	15585.38	10949.85	8996.679	10605.81	6523.544	7531.236	6770.352	9889.351	7872.926	6649.946						
CUST_31176_PI429010886	M895	0.00445378	24	15						1670.997	2424.1	1984.393	1760.199	1396.045	1489.353	2256.232	1922.582	2168.846	2177.847	1461.32	1690.112	2035.999	1695.833	1781.913	2573.227	2837.693	2948.008	2037.287	1786.238	2251.39	2275.002	2076.904	2575.646	1954.479	1677.845	2570.156						
CUST_2596_PI429010886	N12725	0.00445378	24	15	242005887	eukaryotic translation initiation	Nucleic acid metabolism	RNA metabolic process	3.59E-108	2170.443	3053.693	2222.683	2014.653	1594.801	1874.483	2851.067	2411.386	2384.985	2504.226	1786.238	2228.732	2785.011	1721.8	2378.51	3142.5	2985.873	3601.999	2371.181	2299.057	2751.324	2108.887	2322.285	2595.878	2636.073	2058.438	2790.956						
CUST_5153_PI429010886	N18326	0.00445378	24	15						779.5767	1028.452	893.2381	845.5682	612.0937	681.2288	1218.815	956.4678	1001.688	1106.369	654.3402	859.7804	1002.076	721.9277	866.0744	1481.716	1454.668	1509.889	1224.109	802.1705	1144.272	827.8854	857.7889	884.1094	998.2787	803.027	1096.072						
CUST_6217_PI429010886	N19790	0.00445378	24	3	119117126	Cryptocercus punctulatus alpha-	Cellular component org	Cytoskeleton organization		1354.492	1666.498	1329.875	1335.991	2696.535	2026.561	1284.327	1278.88	1432.11	761.5417	1637.38	1471.771	1253.748	1390.116	1593.454	872.0312	965.4976	680.2076	800.8587	1540.275	1137.925	1444.129	1144.272	1118.881	884.1094	2149.415	1602.248						
CUST_8317_PI429010886	N22863	0.00445378	24	15						125.6969	186.9529	159.203	125.6969	102.222	111.6865	171.664	148.131	149.9126	185.6007	101.3475	143.5591	169.1505	119.4159	128.4423	215.3674	227.2807	213.3383	166.9821	141.0554	178.6434	143.92	129.3882	158.2397	161.8917	136.2532	174.8361						
CUST_13267_PI429010886	N30884	0.00445378	24	15						196.5522	278.7033	228.0728	182.0165	192.6063	186.658	282.7416	271.3104	275.0049	230.649	213.853	260.1908	196.7753	215.1868	238.6788	296.8179	314.3155	332.1692	198.7013	256.8674	281.2628	173.3126	250.0724	269.8306	209.8119	231.374	255.866						
CUST_22497_PI429010886	N47138	0.00445378	24	21	242010833	conserved hypothetical protein	Nucleic acid metabolism	Regulation of gene expression	1.7E-22	49.15533	65.86088	75.24855	62.10736	48.02051	59.90743	35.47927	65.30254	68.22331	43.06564	63.43943	35.82514	60.00388	76.35805	67.43392	59.58718	46.14868	72.20099	59.64761	76.03311	81.96955	97.01999	68.02537	87.00868	93.37419	75.46497	87.59003						
CUST_27172_PI429010886	N55577	0.00445378	24	3						206.0776	27.97979	147.1247	322.1133	135.0204	176.6314	51.84875	51.14752	45.83845	140.5949	70.01129	120.1554	110.8634	61.92068	92.61293	16.12259	13.31268	12.80801	36.39325	37.93869	15.68645	178.1819	46.67638	123.1089	25.42345	53.55076	34.51313						
CUST_38782_PI429010886	M30321	0.00446341	18	3	149675211	cuticle proprotein proCP5.2 [Cal			0.000000398	17061.92	336.6512	15553.93	31108.81	22777.74	27832.29	1782.659	4829.887	5751.95	17315.8	39713.59	18235.97	23658.24	18365.76	24590.28	486.8888	507.7884	378.627	8591.806	6240.674	9129.704	23084.2	29122.17	28414.17	8215.523	21270.53	23503.18						
CUST_3901_PI429010886	N15525	0.00446556	12	0						254.714	208.0498	170.246	395.1137	182.0409	324.3008	34.11681	39.84392	20.85648	264.1326	436.7155	428.0259	350.4372	267.884	58.21158	41.66058	373.2461	40.5886	30.7939	29.03104	30.29848	54.48031	103.106	44.36058	149.578	516.8815	402.0714						
CUST_4400_PI429010886	N16675	0.00446613	15	9	546685236	hypothetical protein D910_1203			2E-15	52.61796	54.04744	46.91713	35.21261	44.05907	56.10448	47.81362	34.88562	43.66107	76.74926	57.71976	72.96939	70.30569	55.26895	54.0024	78.75138	72.78292	60.03374	54.51407	35.17583	41.14081	54.74585	54.5433	70.17999	70.1655	70.17999						
CUST_16441_PI429010886	N36245	0.00446823	24	18	405963507	Calcium-transporting ATPase typ	Transport	Ion transport	4.76E-25	14.59005	12.52949	25.41794	15.03411	8.493194	9.523868	8.355785	9.978491	12.89468	21.14901	7.120472	13.53119	19.76134	6.520876	15.36202	22.87088	16.15024	20.67143	22.20918	23.9201	14.93397	15.64262	17.03783	15.34413	17.78405	12.70197	16.26097						
CUST_41839_PI429010886	M58675	0.00448627	21	9						269.5843	312.9583	181.0435	337.2109	704.9081	598.4778	403.0078	394.0157	286.8043	290.9943	508.3099	453.6305	356.0841	453.0125	453.1048	632.4923	438.5777	447.4189	340.0191	276.8728	348.0379	185.6261	359.174	219.923	382.191	348.5318	194.2665						
CUST_28518_PI429010886	N58100	0.00447516	21	3						NA	8.217462	5.308855	17.33539	21.62961	6.071056	7.244787	13.39289	11.08066	11.62165	9.872817	8.804391	5.595606	14.44887	5.785986	7.611325	7.151367	3.021506	8.212284	7.595815	4.198663	16.13855	11.38718	7.715831	12.22964	16.41382	NA						
CUST_44900_PI429010886	M67356	0.00447516	15	0						39.86943	66.50532	52.24236	42.15192	40.20336	45.48556	34.88562	47.90004	40.38119	31.59217	42.19985	28.05953	43.26708	47.68118	44.43625	43.67283	65.70417	54.50441	41.23205	30.75945	46.60711	38.09775	56.47386	42.10224	36.59345	39.26844	34.34753						
CUST_12721_PI429010886	N29935	0.00448098	24	15						366.7062	473.8372	377.2326	366.6368	510.9141	413.5169	344.8862	385.121	293.6993	321.4975	503.7654	494.9456	355.6308	384.2558	538.3095	629.0343	531.7033	641.9649	407.2747	471.4786	544.9477	391.1906	407.9106	631.8697	460.1149	317.0103	494.606						
CUST_36312_PI429010886	M45539	0.00448585	24	0						42.00294	33.5564	38.17039	38.16041	13.49972	19.05161	35.71025	21.15511	37.12565	24.91804	23.67523	17.72698	45.05271	23.4592	38.19894	32.8057	25.94024	22.07863	30.19535	29.96518	24.62618	38.37685	77.12608	41.90191	48.54356	43.87779	54.08928						
CUST_46043_PI429010886	M71171	0.00448621	21	0						40.01543	25.24183	19.07869	21.44313	23.50326	22.13507	26.20109	20.57756	18.35988	21.16897	17.16673	26.4908	12.80801	12.82342	13.79706	22.89571	21.39542	27.61361	22.1912	26.34051	16.30898	30.03343	24.43634	25.24715	20.62924	21.26556	27.59053						
CUST_18424_PI429010886	N39774	0.00448621	21	12						60.94356	49.42284	65.19605	45.25971	48.5496	51.60691	36.49381	67.93128	67.61402	52.83788	58.83501	56.37375	71.49956	63.49903	79.34748	74.5887	58.8025	61.33441	33.64987	55.8366	63.67982	67.56678	21.72565	70.3428	47.26618	31.55994	48.37508						
CUST_24783_PI429010886	N51245	0.00448621	21	3						283.4149	293.4576	339.8451	370.1622	322.4558	347.9094	283.1093	257.3491	307.6081	327.283	199.982	305.5795	243.5905	274.9461	287.6916	366.7062	206.8179	292.3452	325.3527	266.8019	182.5585	324.8189	277.6692	306.5038	376.5416	310.5741	345.514						
CUST_52889_PI429010886	M99340	0.00448592	24	0						22.51636	42.96134	34.60956	28.97134	20.41052	19.40349	30.70425	35.12339	38.23951	22.6585	16.06582	13.96378	12.33142	16.43018	21.89919	12.10203	21.0526	20.61917	24.2121	31.31906	28.3766	23.83774	35.41196	22.27865	22.66607	30.7975	39.88097						
CUST_16438_PI429010886	N36236	0.00449082	15	9						173.8872	146.798	145.3375	161.0998	133.4611	155.0803	178.5544	127.1629	187.286	169.5998	173.8872	209.7702	180.7102	160.0873	163.211	182.1611	166.5631	178.2173	120.6989	137.0045	158.9852	145.5262	134.4815	145.3783	269.5152	196.4999	163.4636						
CUST_56616_PI429010886	M114224	0.00449659	15	0						25.12027	13.70744	21.25376	13.04927	9.580454	10.67874	13.04021	10.75635	8.437268	10.92533	NA		7.157752	10.31745	8.18229	14.29658	14.29283	12.36294	12.75176	NA		10.47591	11.15823	16.06359	7.463335	8.460507	7.794152	5.866363	11.7375						
CUST_17565_PI429010886	N38195	0.00449823	21	9						NA	8.623114	8.241594	10.55615	11.94454	16.85775	9.821487	14.19525	10.46195	11.5765	13.55428	NA		NA	12.36665	12.6262	NA	8.25537	7.729186	NA		6.429065	3.677678	5.534335	10.80202	5.061979	NA		9.800749	12.88005						
CUST_13747_PI429010886	N31702	0.00450221	15	6						11.31857	27.34627	20.67603	25.63539	17.25616	26.66658	47.80328	20.75137	51.00867	14.98689	21.97462	22.5248	20.31267	25.72369	14.39152	19.80764	34.1415	19.05575	31.14331	10.14816	34.34753	79.67772	42.93819	49.91567	40.65182	45.97159	39.19188						
CUST_39327_PI429010886	M38581	0.00450303	24	21	326781695	crustacyanin subunit A [Fennero			4.5E-25	201.258	399.0708	204.7184	336.9544	103.616	172.9496	21.39039	57.99332	72.61063	95.14144	160.9576	73.26943	255.1321	NA		229.7888	33.3337	169.515	27.57421	44.8325	19.68829	29.63502	489.3882	170.4291	218.8148	334.4355	114.6686	247.1303						
CUST_13547_PI429010886	M32782	0.00450782	12	0						25.02499	8.788033	16.36929	11.16741	10.59607	8.128515	8.817048	4.006086	9.678103	22.66781	19.45417	12.44307	20.35931	11.26073	12.90825	12.84776	NA		6.697466	8.718132	8.162296	5.495592	10.6329	8.00431	12.83052	11.72344	23.36828						
CUST_31240_PI429010886	M1053	0.00451091	24	15						322.3894	572.7695	478.2442	361.7315	280.9343	274.5195	478.7694	412.4307	521.086	421.977	342.1248	407.5835	412.9087	313.7912	373.5884	515.6628	617.3702	586.0404	484.0526	430.8354	584.1152	371.2053	490.2242	500.1661	461.4101	407.5243	487.7778						
CUST_35011_PI429010886	M11327	0.00451291	24	15	242004275	cAMP-dependent protein kinase	Signal transduction	Other	5.89E-28	107.1012	153.2663	143.647	127.0776	126.6578	112.473	132.329	128.7173	142.0601	85.93897	149.7056	144.7386	139.9139	152.8947	149.8871	171.8649	160.713	169.8127	119.3879	155.9594	150.9062	140.6454	157.5397	175.1243	139.2612	163.8916	180.5627						
CUST_2405_PI429010886	N12283	0.00451291	24	15	443683291	hypothetical protein CAPTEDRAI			1.12E-45	2559.917	3555.208	2521.203	3056.068	2065.743	2487.704	3159.077	3495.947	3297.935	4109.069	2887.827	2661.468	3731.866	2312.635	2958.733	4885.181	4145.789	5043.311	2865.238	3767.349	3811.795	2785.011	2541.875	3277.985	3679.2	2700.891	3988.54						
CUST_2658_PI429010886	N12849	0.00451291	24	15	321466865	hypothetical protein DAPPUDRA	Nucleic acid metabolism	RNA metabolic process	2.37E-134	1364.845	2436.323	1530.86	1375.234	1157.025	1163.513	1974.35	1950.295	1829.191	1754.468	1244.709	1309.684	1627.485	1463.189	1362.378	2064.359	2457.62	2583.285	1684.207	1521.677	1720.155	1377.009	1610.862	1409.957	1676.387	1435.616	1548.998						
CUST_5164_PI429010886	N18344	0.00451291	24	15	383853115	PREDICTED: Megachile rotundat	Protein metabolism	Regulation of translational termination	5.39E-147	325.0373	535.4815	411.6604	280.1957	321.03	286.0534	517.1871	522.858	552.6048	413.2217	335.0962	369.4962	361.3294	331.1849	380.83	322.5903	541.6936	641.3942	532.1418	524.8326	424.4332	476.7459	272.1942	410.0384	470.5066	406.0638	369.4962	405.4699						
CUST_6480_PI429010886	N20156	0.00451291	24	21	321461563	hypothetical protein DAPPUDRA	Protein metabolism	Ribosome biogenesis	1.31E-95	57.06084	90.67658	76.58195	61.55047	76.23852	52.0131	50.1322	98.28823	78.70208	40.96049	46.24985	56.8797	54.62254	64.35228	72.06126	77.58626	75.28314	92.52233	80.30375	65.73258	42.07726	79.78242	109.3921	82.69673	90.82582	75.54551	63.15515						
CUST_8475_PI429010886	N23096	0.00451291	24	15						342.0443	536.3161	470.5066	360.8077	373.9602	354.5733	377.9818	421.3144	420.4184	469.5128	347.9094	433.1774	412.2409	373.2381	436.601	570.0085	678.3225	667.0187	458.6774	417.6111	528.2931	477.9381	527.0091	488.5919	518.6591	441.2406	563.8477						
CUST_16960_PI429010886	N37145	0.00451291	24	15						42.13235	45.22907	55.77263	49.60146	34.80421	27.65783	72.46811	57.94141	70.69299	66.28735	33.97586	12.876	57.08138	41.52352	49.09951	85.97811	66.62309	93.96854	70.56233	51.05459	63.4939	63.31187	49.88072	56.85229	56.70679	43.15443	68.50963						
CUST_712_PI429010886	N6888	0.00451291	24	3	210062962	Fenneropenaeus chinensis C-typ			6.17E-78	12141.91	5625.087	13222.77	15731.96	19341.82	16580.62	6744.57	7610.57	9923.978	7762.077	14285.49	15435.13	9937.479	19855.57	19903.59	3815.958	3489.361	3455.897	9194.226	8522.605	10323.84	11094.64	13360.37	11356.17	6945.783	11805.59	13616.29						
CUST_41849_PI429010886	M58689	0.00451695	18	0						10.49284	16.90428	13.08993	17.61537	9.213352	3.026834	NA	4.051944	7.852776	4.151802	3.671989	6.292668	7.174372	8.208913	5.110851	6.306457	4.988076	4.722347	21.29948	NA		9.726899	NA		4.446727	10.23574	8.342949	8.829167						
CUST_48990_PI429010886	M83418	0.00451705	12	0						38.48962	38.3287	40.73959	33.47807	38.29632	31.23655	18.02378	38.38927	27.43571	36.45493	35.0396	43.58292	21.80903	33.52669	35.80198	32.76221	37.51953	30.39689	19.85649	28.82109	26.11949	33.3276	36.91238	39.61981	45.67933	45.01993	54.56863						
CUST_34451_PI429010886	M9706	0.00451705	12	0						90.68839	106.9035	122.436	81.21161	67.83335	74.76519	53.46841	80.77747	85.01861	90.62398	93.47058	69.5761	108.583	76.34956	102.5417	77.72928	114.1912	106.7119	66.13826	80.47316	90.52573	109.0071	91.39547	109.5188	119.7663	115.5309	149.1772						
CUST_2645_PI429010886	N12823

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_56028_PI429010886	M112581	0.004673238	24	3	312072580	hypothetical protein LOAG_035			2.99E-19	272.6276	167.3103	267.884	230.5374	305.9701	312.0575	139.5639	181.8872	160.5879	82.7532	261.5986	252.2559	90.08744	267.4596	369.5842	119.7806	91.45416	95.75319	97.28384	179.7028	127.1843	121.6468	139.7162	143.7124	126.5057	171.7541	147.5241
CUST_31456_PI429010886	M1564	0.004673238	24	15						47.51044	68.39377	46.66635	22.39225	42.1373	34.70595	35.23063	55.80136	50.65434	51.82749	55.97582	48.64708	37.42403	47.79385	45.58935	56.52239	72.52843	58.30569	43.34384	61.43496	52.27625	48.13748	54.96965	59.12751	56.22476	51.28488	43.30339
CUST_12046_PI429010886	N28439	0.004673238	24	15						38.40373	42.58344	36.04388	30.0529	28.00501	31.46465	60.96191	39.03604	44.58927	55.73393	33.23672	33.33788	49.38313	35.33485	38.7574	88.69575	56.35449	56.38348	53.33823	36.00722	58.01467	52.05371	53.13532	47.72966	54.99762	59.11715	
CUST_1298_PI429010886	N9172	0.004673238	24	15	348505893	PREDICTED: Oreochromis niloticProtein metabolism		Ribosome biogenesis	6.11E-69	7177.49	26491.1	20968.09	13091.09	14764.65	16183.31	27665.22	25403.62	27073.29	20708.31	17388.9	19195.08	22121.29	19195.08	15967.93	29396.88	27758.19	29122.17	23575.84	27577.78	28025.82	16580.62	22037.75	19485.9	20968.09	25188.43	22154.05	
CUST_2258_PI429010886	N11974	0.004677265	15	3	443686771	hypothetical protein CAPTEDRAIMetabolic process		Oxidation-reduction process	2.85E-155	22.16839	16.16791	19.88289	35.92598	37.61646	25.23371	31.5845	19.19666	21.10822	22.23439	22.15692	31.46705	20.36712	17.02151	12.1659	15.17831	25.20375	30.6774	29.25551	42.00294	40.43404	22.9157	11.27154	21.67269	25.94024	19.03842	35.66495	
CUST_46313_PI429010886	M72168	0.00467949	18	3						87.62517	58.24898	104.9377	113.8607	129.5035	114.0755	70.43485	68.73418	83.26396	68.90523	101.1475	79.37286	97.69073	73.50137	108.8321	52.26773	49.35984	52.10827	78.94493	66.89231	79.38788	126.4187	74.57856	125.8771	78.63104	48.87698	77.35718	
CUST_9864_PI429010886	N25318	0.00467949	18	15						22.2762	22.99386	21.62003	10.06086	13.86062	17.67823	24.24527	23.1769	25.18427	24.06072	19.91817	8.883273	20.43156	19.04208	15.02551	27.96239	20.72028	31.02823	23.96712	18.21177	26.27328	13.33647	17.20227	8.109042	18.18461	18.28134	22.52125	
CUST_10835_PI429010886	N26867	0.00467949	18	15						107.9218	183.166	207.5504	126.3152	67.97894	140.387	275.9079	170.625	138.6295	232.6717	132.5859	133.2817	164.071	87.61045	146.9806	359.2536	203.6782	289.56	178.2425	89.20331	138.4394	98.56741	113.1623	84.28713	208.6394	130.5329	125.3559	
CUST_12048_PI429010886	N28837	0.00467949	18	15						252.9258	336.5251	290.6243	220.6649	259.0205	218.2236	321.6405	266.4292	347.9094	253.5194	294.4308	265.1693	282.7416	269.3499	298.1868	302.6134	385.0272	330.9231	313.5422	284.0207	354.5733	240.3937	249.9933	280.9977	311.4501	262.8953	344.5549	
CUST_24937_PI429010886	N51512	0.00467949	18	15						15.93823	21.37642	17.10849	8.508175	5.235046	12.12405	14.79074	13.54422	11.63109	16.56735	20.05184	15.82642	7.45426	4.911674	12.57356	27.47971	26.65508	18.65093	9.473667	16.36409	9.947363	13.10871	9.231247	7.763694	10.80517	11.16309	14.79505	
CUST_2957_PI429010886	N13475	0.00468003	24	18	118136260	Penaeus monodon beta-actin m				1526.163	3190.966	2162.694	1486.662	1772.069	1433.817	1696.829	1972.842	2233.186	1385.605	1676.387	1285.646	1559.979	1904.856	1322.312	1537.641	2073.458	4754.165	1865.951	3120.055	3346.038	1848.594	3460.858	2652.405	1717.387	2837.693	1821.979	
CUST_18595_PI429010886	N40075	0.00469182	24	21						38.71226	41.61011	40.20755	16.99422	27.98737	31.30624	19.16983	25.66849	25.92708	33.44592	32.25543	22.69087	28.74405	38.91258	39.17612	34.81487	38.82932	43.15923	44.77327	39.32943	32.32834	37.62021	37.78857	41.69227	42.90901	41.41654	47.42663	
CUST_4127_PI429010886	N16077	0.00469242	24	9						25.82213	20.01232	13.74955	11.38924	2442.216	946.5528	47.9302	30.51884	52.75604	NA	1694.196	1543.849	12.61565	1988.355	1708.901	18.6455	5.264041	10.31893	3.979131	21.70891	6.841078	NA	7.234885	NA	NA	10.09206	NA	
CUST_50495_PI429010886	M90010	0.004713683	18	12	426236068	PREDICTED: Ovis aries ATPase fa			1.83E-55	6.669026	10.71329	14.36577	10.19704	9.005083	11.85412	26.33135	12.47435	11.61456	13.72622	4.968715	15.0891	19.11579	17.20923	18.47	8.551917	14.36256	16.28426	10.75824	15.9018	13.70744	7.587167	9.356835	12.97888	11.49713	13.79482	13.8625	
CUST_33972_PI429010886	M8387	0.004722527	24	9						61.69489	97.71482	45.26784	105.8953	143.7853	206.7386	42.19574	182.5875	112.7999	112.1712	222.0168	206.8979	77.47208	138.3312	77.77436	72.34444	106.6278	86.31462	79.72468	8.434585	86.19309	55.0054	100.2539	35.72862	65.0271	60.94991	113.878	
CUST_57103_PI429010886	E903	0.00472693	24	15	48142173	PREDICTED: proteasome subunit	Protein metabolism	Proteolysis	2.29E-11	1922.582	3356.595	1918.312	1870.445	1542.881	1508.513	2975.418	2799.9	2487.704	2359.281	1564.909	1803.597	1946.675	1725.737	1729.252	3329.804	3660.946	3907.106	2266.512	2230.426	2849.078	1807.527	2054.56	2184.345	2512.997	1988.355	2149.415	
CUST_36650_PI429010886	M16453	0.00472693	24	15	17221659	ribosome like protein [Marsuper	Protein metabolism	Ribosome biogenesis	3.12E-32	19903.59	26403.54	19010.63	18476.28	15258.82	16553.17	26403.54	23961.37	25403.62	22777.74	16348.66	10871.96	21066.26	18146.2	19572.59	28561.19	28561.19	31108.81	21758.66	25188.43	27665.22	17287.24	20662.81	21066.26	21710.8	21066.26	23892.85	
CUST_31967_PI429010886	M2859	0.00472693	24	15	291223821	PREDICTED: early endosome ant			2.32E-10	820.6216	1875.312	1093.204	826.745	619.3687	773.0893	1382.183	1563.997	1545.477	1554.179	1084.752	728.8717	1301.148	787.8266	977.1077	1968.185	1642.090	1849.733	1201.304	1023.762	1433.817	1046.212	1101.531	1369.757	1378.281	968.3563	1079.588	
CUST_26_PI429010886	N109	0.00472693	24	15	188572483	Phoronis muelleri putative 40S r	Protein metabolism	Ribosome biogenesis	1.22E-61	23162.84	26129.84	21177.49	17837.79	15297.04	16690.76	29520.35	23658.24	24825	24590.28	17088.5	20871.55	22847.77	20099.82	19237.66	30447.23	26403.54	32454.44	23379.75	25888.13	28414.17	19855.57	21645.19	22221.29	24136.69	23016.75	25130.03	
CUST_6710_PI429010886	N20493	0.00472693	24	15						821.5501	1672.68	1049.887	932.1979	744.5255	785.0219	1383.977	1273.67	1285.646	1443.341	920.7381	478.5299	1247.204	817.7537	962.741	1738.077	1846.233	2075.256	1216.574	1068.554	1453.877	1137.334	1046.706	1476.878	1334.416	1020.042	1365.984	
CUST_50625_PI429010886	M90466	0.004730303	12	0						119.6589	141.0115	150.2498	130.9169	124.0485	134.4639	85.64416	118.5947	104.5846	119.6589	159.1592	147.6402	123.0536	135.6132	141.5897	139.7162	134.2508	129.2198	117.4793	128.9542	109.0351	144.9379	142.5991	161.4506	159.0794	142.7074	216.7613	
CUST_37598_PI429010886	M19725	0.004733278	18	15	478503880	PREDICTED: kinectin isoform 5 [(Cellular component orga	Cytoskeleton organization		4.65E-08	74.57856	78.25384	57.00268	52.09068	42.72194	55.77263	92.62501	83.78528	96.54391	109.3748	47.26148	64.96779	88.4112	54.58501	85.22534	121.0882	86.71039	111.3048	86.59225	48.60251	77.54349	69.44476	47.18014	74.42622	104.7711	77.00089	76.90215	
CUST_38565_PI429010886	M28032	0.004733278	18	15						769.5468	2851.067	982.3643	1011.588	176.2933	745.5832	3069.207	1352.068	1652.642	2097.341	804.9022	917.5193	1462.033	1314.736	792.9194	4427.539	4234.05	6000.152	1704.256	588.3344	1686.38	786.6307	507.5036	889.3882	2679.375	1516.421	670.4033	
CUST_4110_PI429010886	N16039	0.00473338	21	15	290908989	myosin light chain [Marsupenae			3.4E-41	535.89	530.1492	562.7989	571.275	565.823	495.8587	482.1823	564.8143	458.6774	398.2132	535.3308	475.7174	465.024	481.7121	425.7716	692.5483	864.5859	1011.588	711.4323	725.9659	1035.146	423.2638	539.585	583.7299	555.2007	694.7413	459.4079	
CUST_6696_PI429010886	N20476	0.00473417	24	9						124.2323	101.1475	122.8853	138.9364	116.6562	121.7571	183.5918	112.0316	146.7827	228.0375	100.9673	153.1975	169.7003	143.2463	112.2698	166.8118	148.1939	157.1984	95.2367	122.7562	89.35207	100.264	100.0093	101.3206	106.4806	113.7707	103.9866	
CUST_13765_PI429010886	N31732	0.00475689	21	0						123.8699	122.9044	100.6344	98.55805	74.72923	80.03641	87.66036	106.6009	105.746	94.75478	85.40071	104.7593	89.62874	109.5302	98.04747	100.875	102.6741	115.1005	130.9003	113.4582	107.6401	114.8223	118.6368	115.9268	85.63473	117.7627	110.145	
CUST_39563_PI429010886	M41234	0.00476403	24	3	341650466	Spz1 [Litopenaeus vannamei]			8.36E-88	211.7618	26.88183	115.2322	159.3669	166.9821	182.9006	52.28327	62.20434	21.50871	86.53109	114.4623	228.1333	76.3265	63.01997	40.9561	9.610632	22.36702	22.71026	6.580479	82.29248	4.979025	98.03098	37.51134	60.49503	10.37266	91.92491	34.58217	
CUST_5336_PI429010886	N18559	0.00476403	24	15	91078808	PREDICTED: similar to Protein SLTransport		Other	1.63E-165	102.1933	141.898	103.6693	101.4138	94.31617	91.40987	104.258	146.3365	148.8152	99.75898	95.80871	110.1907	107.4552	130.0221	93.21779	126.2557	206.4029	166.2848	139.4798	140.0039	163.782	136.8604	112.4501	149.7056	135.6132	110.3077	156.2107	
CUST_13817_PI429010886	N31827	0.00476403	24	15	321479469	hypothetical protein DAPPUDRA			2.27E-19	291.4994	258.9723	284.1966	260.2914	186.5368	234.533	323.4048	247.0676	304.7058	305.4328	227.7173	373.9602	342.0443	249.0801	359.2536	487.7778	296.8179	409.0189	480.4617	261.7871	444.9419	338.9144	268.7721	375.6666	440.1863	244.1747	421.3837	
CUST_39473_PI429010886	M39930	0.00477153	24	15						4415.56	5763.929	4217.01	3258.199	2005.153	1909.699	2829.469	3519.517	3944.006	2881.653	3956.525	3020.109	4329.518	2363.552	2445.736	4467.089	5913.632	5462.129	3390.028	3617.55	4058.337	3835.495	3561.33	4637.293	3324.822	2937.545	3122.414	
CUST_42673_PI429010886	M60918	0.0047718	24	0						295.9223	201.3091	237.1976	387.9483	222.8685	221.3576	162.8755	174.935	208.9613	291.3249	112.3135	285.8938	170.8146	101.6014	144.058	35.07936	381.5238	94.66861	177.6012	139.1998	94.75478	171.1773	237.0529	166.5055	234.791	250.2647	241.668	
CUST_53697_PI429010886	M102830	0.00477335	18	12						85.37067	75.82447	91.26396	76.92811	71.72818	53.48046	82.31732	69.14386	104.437	95.74045	62.26618	95.75319	91.71339	98.43645	109.5906	89.93986	81.61482	93.631	91.30891	75.9364	99.48565	70.96595	65.42578	85.47045	79.2021	78.06756	121.1808	
CUST_28280_PI429010886	N57660	0.00477689	24	21						38.15601	73.0273	63.24693	48.52901	37.54467	23.00207	42.37353	29.74161	40.22947	39.10716	21.52336	36.79436	33.20989	22.25864	31.08965	68.98107	51.83065	62.48283	51.86945	32.26395	43.22841	69.55765	42.97495	49.71376	66.2384	43.07828	91.87245	
CUST_38108_PI429010886	M23386	0.00478068	24	3						12743.08	68.76743	11094.64	9080.902	18476.28	15798.02	97.55312	287.0864	196.3832	8238.918	12442.6	14642.96	5467.822	9855.129	15141.22	15.67395	16.33804	67.60668	351.5907	790.776	498.6872	8886.515	3093.621	8098.961	463.3449	2156.524	2208.268	
CUST_34140_PI429010886	M9145	0.00478068	24	15	498943826	PREDICTED: transmembrane prc	Protein metabolism	Proteolysis	8.61E-34	104.0674	22.68661	80.8714	19.94629	9.654225	5.955482	295.3547	94.10473	281.1928	313.6779	188.9036	5.684912	65.84893	316.5697	325.7867	482.9394	78.72755	56.80857	134.6107	411.0555	224.6357	40.41475	256.5379	117.2022	224.4875		
CUST_5024_PI429010886	N18212	0.00478068	24	15	212656629	cellular apoptosis susceptibility [	Transport	Protein transport		37.12565	59.07967	59.37537	29.96804	28.03915	29.81035	38.65654	58.13362	68.82621	57.47217	40.93762	47.69479	49.72483	35.74167	33.5847	72.82117	67.39104	73.56286	56.05872	55.35053	63.79933	34.81487	46.39504	51.13265	55.05576	41.42758	78.85311	
CUST_5130_PI429010886	N18297	0.00478068	24	15	340725023	PREDICTED: hypothetical protein			1.08E-70	2956.694	5879.268	4072.42	2945.018	2294.993	2499.817	5311.077	4976.553	5091.533	4392.913	2879.516	2889.672	3918.531	3105.612	3046.537	5979.853	6966.12	7303.286	4740.787	4436.509	5233.042	3555.208	4193.691	3832.521	4694.435	4919.057	5025.735	
CUST_11069_PI429010886	N27217	0.00478068	24	15						138.0734	239.5431	198.0524	134.5227	127.9686	105.2262	187.1331	218.3332	232.8674	251.0873	154.0925	136.4616	196.1132	127.4555	168.9955	266.8703	261.3125	280.9343	182.1611	177.4828	273.6644	183.1939	141.3156	220.2833	217.0918	154.4146	207.4056	
CUST_13198_PI429010886	N30770	0.00478068	24	15						371.3812	980.6718	461.7785	340.1047	293.4022	357.0377	740.8082	688.887	600.6613	733.2499	422.3982	408.5695	535.2394	461.0647	403.5639	545.7936	895.8876	952.2766	629.6411	553.926	779.0482	464.5257	420.7391	500.4612	595.1579	469.0501	376.0142	
CUST_23127_PI429010886	N48300	0.00478068	24	6						559.4339	614.5401	615.2672	738.0615	394.9633	723.9274	747.5407	954.4926	578.5106	641.3942	463.1658	348.6137	531.2109	908.3858	551.2795	645.1212	454.5758	929.4814	339.5673	376.9694	277.4142	535.6201	339.7941	520.0326	501.5231	481.8774	440.1079	
CUST_38064_PI429010886	M23144	0.00478345	12	6	229577134	glycine N-methyltransferase-like	Metabolic process	Cellular amino acid metabolic process	8.58E-18	24.62618	40.89712	7.589324	20.69224	36.22402	37.81634	43.84283	36.53104	46.45729	25.0378	27.31402	28.2426	14.58842	28.84875	23.49626	36.10172	21.55742	28.73196	37.28516	50.23264	41.85879	12.10203	27.6893	37.63739	22.02084	31.59503	23.49323	
CUST_42813_PI429010886	M61329	0.00478345	12	0	15718457	peroxinectin [Penaeus monodor	Response to stress	Response to oxidative stress	1.15E-11	91.61189	68.30294	84.07229	58.79368	74.5359	55.55609	70.93399	59.12156	33.57662	46.71775	94.34203	63.94916	96.20921	55.74024	80.77747	71.9236	82.30731	81.16582	22.62211	35.74554	21.74119	67.72081	63.69892	69.21158	115.2129	123.8841	54.70587	
CUST_51459_PI429010886	M93616	0.00479021	15	6						1657.457	330.6328	1804.854	3455.897	2237.142	904.3497	1103.539	2049.491	3379.597	1993.835	2631.802	1552.466	4319.299	1512.062	1080.452	72.20641	195.511	80.98106	3269.912	3151.384	3692.065	2536.537	7844.789	4740.787	3177.941	4650.166	2839.956	
CUST_48437_PI429010886	M80320	0.00480826	15	0						22.79631	39.17612	33.93179	23.7984	37.05862	42.61451	35.80198	45.95593	23.25881	22.58797	21.76828	18.84709	24.28126	38.84447	30.35424	30.3574	46.39063	29.38788	25.48421	28.68856	22.30972	22.00011	42.5482	19.64801	21.49428	18.41787	19.03842	
CUST_19814_PI429010886	N42243	0.00480542	21	3						28.87489	34.54334	48.13265	54.84307	53.73347	63.87134	40.74313	26.20354	35.15693	47.15185	23.70635	63.63996	43.63223	20.60087	28.91213	35.51402	20.04588	32.92494	67.9004	36.10172	42.98811	69.34953	36.19278	36.12041	57.63804	43.50595	79.68621	
CUST_1401_PI429010886	N9525	0.00480852	24	21						211.9389	260.9827	294.9654	296.2197	221.7509	252.6173	244.2151	189.9808	284.1348	197.4226	222.2239	266.583	233.6058	247.6563	233.9614	294.2148	280.2395	288.7179	438.6999	258.9723	342.2376	429.2293	260.6027	361.2613	434.7194	257.4304	293.4576	
CUST_16400_PI429010886	N36162	0.00482091	12	9						37.47838	52.14659	56.12288	42.07726	19.77651	22.14517	36.59345	31.38536	45.39182	48.73482	38.90861	26.6468	58.13362	39.76763	39.06481	16.00633	23.25083	23.10726	25.90356	33.4192	48.86558	49.57184	62.367	59.93426	34.22791	38.26324	58.23791	
CUST_40713_PI429010886	M55919	0.00482085	24	18	321475764	hypothetical protein DAPPUDRA	Signal transduction	Other	5.42E-10	45.54712	90.12112	125.6161	34.50418	51.75972	33.87201	48.2963	149.6818	132.4508	61.35249	37.23532	45.85631	63.03163	42.67386	78.70208	61.65559	47.26148	58.51048	347.5429	178.896	196.9036	166.9595	74.26533	142.0036	193.9353	121.1967	120.9166	
CUST_25666_PI429010886	N52837	0.00482195	24	0						29.74537	33.76496	38.35932	23.61457	21.13144	20.39754	13.21612	15.73415	9.213352	18.74814	19.09908	16.84768	22.07863	17.54	14.80397	15.50904	12.89253	19.38594	30.68002	22.38961	15.56129	25.0865	9.63872	20.42799	33.00869	17.75966	25.47189	
CUST_31366_PI429010886	M1357	0.00482323	24	15						91.32281	88.4446	104.4886	38.02149	88.06844	71.21793	96.33044	97.45374	93.41761	98.71772	78.23111	94.54537	86.89375	108.2549	79.90962	115.7715	81.87518	126.0246	108.298	104.8456	91.47922	95.04674	107.7085	103.4513	73.79109	91.30891	102.4481	
CUST_36813_PI429010886	M16934	0.00482323	12	0						65.13726	68.95176	64.13867	43.24498	66.27962	32.92494	35.74167	50.70492	35.74914	62.28713	62.82646	51.49597	89.54662	54.04214	68.04946	51.60691	47.85099	60.67988	41.8477	71.04853	53.68198	33.12448	78.92328	92.13972	82.39127	57.94750	95.24948	
CUST_9080_PI429010886	N24011	0.00482637	21	18						NA	NA	NA	NA	13.95233	11.56464	8.3196	14.66833	13.24351	5.807099	7.856768	6.801504	NA	14.5607	27.2264	11.61625	17.05359	15.14334	17.14275	28.22301	19.93259	22.57786	3.901574	7.6824	15.4213	15.714	7.342227	8.11425	
CUST_17177_PI429010886	N37502	0.00482944	15	12						20.14949	41.99235	NA		17.35867	6.603742	17.9949	8.928675	NA		10.19179	44.48574	23.4616	NA		20.85079	20.20204	27.65783	29.01519	18.80558	12.09251	25.58133	6.939412	15.40578	11.6476	10.13279	10.10062	19.01388	13.61982	NA	
CUST_42927_PI429010886	M61651	0.00483324	24	21						207.6552	185.1157	233.0433	212.8318	148.0804	177.1027	173.7538	140.612	161.2407	189.8002	142.6225	173.7818	198.1815	174.8361	184.1477	253.0362	166.0161	209.9184	227.6714	145.7916	212.7294	255.3925	182.1021	229.7005	265.9313	176.6026	229.9275	
CUST_15818_PI429010886	N35198	0.00483324	24	21						125.4319	98.31087	106.0765	107.7947	85.10841	99.2507	69.86685	70.2307	73.14068	122.5392	85.7431	69.04786	154.2424	76.79923	105.2562	160.1938	136.7438	114.1224	175.4084	105.6512	102.6378	211.803	92.39145	149.3002	190.3661	83.96708	125.0424	
CUST_6133_PI429010886	N19672	0.00483416	12	3	242016587	hypothetical protein Phum_PHU			5.63E-13	179.1302	234.1352	120.5417	172.561	280.2395	322.4558	244.266	206.6211	182.9511	141.4085	205.7616	202.7719	155.0166	203.0154	208.5809	440.9544	256.9518	294.2148	246.2584	116.8754	232.0765	128.4629	160.5413	119.4647	193.0588	150.8283	79.30248	
CUST_57324_PI429010886	E5966	0.00483484	24	15	91083583	PREDICTED: similar to adenosylh			1.13E-26	3992.329	7225.192	4976.553	3702.472	2858.309	3056.068	7643.683	7232.62	6559.55	5215.78	3936.583	3862.287	4415.56	4193.691	4319.299	6956.592	7260.089	8713.974	5025.735	6717.703	6500.649	3721.413	4450.275	5061.439	5131.503	4685.458	5644.907	
CUST_17005_PI429010886	N37215	0.00483484	24	3						30.50653	17.49199	19.19318	24.56289	33.5847	38.74481	12.77084	17.35683	11.89304	6.452099	21.05828	29.24609	11.60045	42.93819	30.97404	8.865478	5.539656	11.93633	11.81992	25.21673	9.733163	12.38102	14.87474	12.60041	15.01514	15.31282	10.99723	
CUST_12410_PI429010886	N29420	0.00483543	24	0						581.8311	787.2783	483.0822	491.2558	524.517	441.5527	346.6392	542.9066	494.0593	432.1282	528.2931	376.3542	448.5869	479.3697	437.0635	323.0951	658.7898	590.3145	433.4692	530.0108	553.7643	496.3451	591.4732	536.7837	595.0044	712.1062	718.7132	
CUST_55569_PI429010886	M110772	0.00483685	21	15						353.8605	676.6048	453.0125	374.7006	201.3401	304.0274	663.1483	628.502	606.3479	669.9449	507.7884	320.552	621.9301	388.382	365.7068	661.1838	856.2286	648.2686	536.7837	410.5544	441.2406	370.3281	420.1391	406.3531	463.1658	380.83	371.2053	
CUST_39423_PI429010886	M39190	0.00484171	18	3	255653868	crustin 1 [Panulirus japonicus]			0.000000014	41.90666	63.76387	51.45353	154.5211	35.71025	73.3346	43.99925	53.9367	75.2001	86.20512	43.23211	81.79336	67.83335	40.43868	34.97429	34.95791	61.42131	22.45935	55.72212	39.44209	48.8281	100.2009	86.99822	103.2872	143.902	65.82678	143.6704	
CUST_162_PI429010886	N1910	0.00484139	15	6	518355741	hypothetical protein [Streptomy			4.45E-08	11.07529	7.23313	10.26259	18.22769	NA	10.87185	NA	88.87721	96.04821	10.6362	NA	10.1802	10.80654	14.27002	3.926108	3.92479	10.69017	18.81483	10.8487	35.81401	25.80026	43.83834	13.4622	25.45303	24.88953	NA	29.85598	
CUST_36078_PI429010886	M14561	0.00484753	12	3	91079482	PREDICTED: similar to AGAP002			2.72E-20	16.79753	24.56549	NA		48.94611	7.695174	63.01324	17.11222	14.89285	19.64055	NA	6.441192	3.637552	10.07839	39.77797	18.64884	102.3598	43.24154	58.50483	58.23791	4.464401	59.81752	NA	14.49179	NA	21.57697	19.92002	NA	
CUST_21099_PI429010886	N44628	0.00484156	21	9						5.935469	6.947558	NA		6.721195	12.18283	9.008672	NA	7.469059	4.412405	13.05918	11.21185	8.278081	NA	NA	8.115316	4.364494	4.190132	4.32996	NA		3.857484	3.172222	NA	NA	8.727182	6.544441	4.374986	9.288536	
CUST_39529_PI429010886	M40852	0.00485219	18	6						339.4771	419.9233	448.4659	393.0106	328.6973	395.3057	406.0638	399.2455	465.8295	375.7494	348.1933	355.6308	360.4299	264.2234	260.6535	323.1624	349.5554	287.2425	335.7533	407.1156	369.756	441.4649	362.1172	332.7289	495.8587	464.5257	340.1047	
CUST_21796_PI429010886	N

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	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_7727_PI429010886	N21979	0.00509496	24	18	322799594	hypothetical protein SINV_1070			2.01E-66	21.55398	25.45723	41.18226	19.01388	11.22607	17.49602	28.43101	16.43359	21.95678	18.25369	22.57786	21.53519	26.84779	25.17677	21.14493	28.41796	47.54634	52.45299	36.27201	29.47583	29.72388	26.346	19.84259	28.95548	44.20516	33.74242	51.31552
CUST_10411_PI429010886	N26189	0.00509496	24	18	321473526	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	1.9E-19	178.6979	199.2769	287.0134	156.493	95.83012	51.75429	91.56473	178.3071	188.0176	226.4187	77.02123	234.791	212.0165	106.529	200.7173	243.1406	204.4688	437.0635	266.1484	295.5482	282.7416	311.055	130.8147	157.9135	290.7989	36.95293	300.7552	
CUST_11586_PI429010886	N28074	0.00509496	24	18					145.3375	416.1276	331.7259	253.6231	140.7023	90.48608	280.6926	305.3804	530.8049	229.0326	240.4719	171.1268	353.5003	246.4546	157.1085	340.7848	239.0862	371.0059	599.3024	385.9551	610.6881	398.3951	524.4034	382.6455	405.1127	139.6676	381.4494		
CUST_48320_PI429010886	N27821	0.00511264	24	3					485.7316	NA		649.4957	1020.042	1266.211	902.1594	NA		4.825812	NA		83.7063	182.6192	250.7116	102.4255	117.7903	198.4987	NA	NA		4.394228	66.40286	3.948789	109.9078	16.44032	82.86519	4.429018	28.85937	9.37907	
CUST_32401_PI429010886	M4012	0.00511403	24	3					14.33334	7.611325	10.32033	12.11309	10.13898	13.58834	9.171096	33.07256	4.922133	NA		434.3661	4.271228	8.91225	NA		6.169063	5.753193	4.204185	5.232424	NA		4.340526	NA		9.499412	6.078184	7.352636	6.293716	14.28052	10.68598	
CUST_39381_PI429010886	M38633	0.00511732	24	3	83628250	arthrodial cuticle protein AMP1			1.75E-15	1286.883	297.1434	1156.716	1330.649	1521.677	1457.293	261.1366	350.4372	301.0722	1307.316	1237.412	1387.245	1001.191	1020.798	1240.711	208.0709	214.7361	265.4524	253.2927	359.7575	179.4641	1442.661	957.7854	1002.076	177.5731	508.4006	419.3654	
CUST_4606_PI429010886	N17117	0.00511732	12	9					616.5627	331.8463	918.7311	786.1643	473.8372	161.3598	923.7499	311.8576	983.3131	1906.005	1383.977	1338.071	1653.487	522.1886	626.5423	561.5074	311.1315	739.3679	3721.413	2461.211	3475.106	1119.882	2184.345	2247.929	1203.381	1037.623	2335.81	
CUST_8810_PI429010886	N23626	0.00512583	12	9	241333881	zyxin/trip6, putative [Ixodes scap			2.43E-87	51.18195	37.69532	42.6416	26.76519	30.19535	26.81873	29.34996	29.82341	30.40072	48.92732	34.38418	53.80406	39.70565	40.04223	44.87713	29.68598	35.65778	37.6918	25.07913	36.01433	39.90127	46.96617	43.19513	55.94559	45.74256	27.14205	56.93121	
CUST_9840_PI429010886	N25282	0.00513122	21	0					197.5603	163.338	182.2908	148.2138	101.2008	156.5604	113.823	130.6083	151.5412	126.4021	127.4388	148.3838	131.8067	152.3742	150.0449	143.1244	143.6704	116.2009	140.6785	111.9372	130.0819	185.717	162.9694	193.9353	149.7056	132.8754	179.5826	
CUST_12879_PI429010886	N30197	0.00513838	12	0					37.94596	38.69748	48.75454	30.865	43.01953	45.78637	31.83324	40.97531	29.66835	35.15355	42.32912	40.64686	43.28942	40.61754	43.16345	38.5634	37.10235	36.03288	21.42599	29.65588	32.51285	77.31152	49.99888	49.25099	51.57473	49.30286	51.78825	
CUST_42850	M61419	0.00514975	24	15					39.19706	44.32847	40.28522	50.54447	56.06983	48.96667	35.82162	70.30569	56.23453	48.3568	61.4814	34.81137	62.26618	89.90152	67.62577	69.21158	79.10279	92.85843	61.58	64.7701	69.16443	47.50671	90.51162	74.92905	63.21401	40.20755	61.77408	
CUST_6358	PI429010886	N19997	0	0					283.6844	341.8735	411.5622	282.2716	230.1554	255.7585	323.446	297.8825	369.9026	339.2657	270.0743	296.3981	321.1394	267.2693	268.2532	400.5287	382.2543	362.195	409.0189	282.682	326.9292	423.0504	407.5243	447.8863	395.1137	322.0602	359.8294		
CUST_44692	PI429010886	M66691	0	0					NA	4.727516	7.146978	30.04204	6.163656	18.52406	15.4677	17.08672	11.34354	8.917284	27.33627	8.529923	11.97918	15.33068	8.718132	NA		8.418641	9.670124	6.573571	3.912739	4.283307	10.56095	NA		7.24682	4.560078	NA		NA	
CUST_54934	PI429010886	M108203	0	0					52.51782	64.98274	46.82329	47.24767	46.04292	42.33335	63.36224	45.14878	58.30071	52.12177	58.60167	46.72845	69.03139	49.37308	49.13607	64.75498	66.86503	74.22801	32.03897	30.24252	31.73534	25.52339	36.21981	46.51413	34.82138	56.53387	55.75291	
CUST_31925	PI429010886	M2743	0	0					390.8971	544.2292	560.9756	401.9784	367.2975	367.0194	414.7402	388.875	472.1134	418.5156	494.2109	392.057	494.0593	378.4533	446.0553	592.4023	534.7331	596.1129	480.9139	551.0918	613.5208	433.9196	508.9078	585.1407	601.9971	492.831	690.3228		
CUST_33029	PI429010886	M5776	0	0					32.50967	44.43314	44.64909	34.98836	35.00954	30.30413	25.59303	36.02528	47.77802	43.15923	34.80112	35.47927	45.49544	28.00501	41.20512	90.3848	49.37308	50.47099	52.56738	54.12459	48.48353	56.59797	47.49734	49.69782	64.78842	30.76277	65.17942		
CUST_31191	PI429010886	M940	0	0					1996.997	3140.215	2706.184	1854.805	1666.041	1448.453	1516.421	2306.791	2365.258	2010.612	2480.784	1626.549	2464.909	2141.9	2627.758	2711.745	3090.222	2855.927	2315.807	2457.62	2053.392	3457.999	2860.025	3284.996	3411.4	2797.556	4193.691		
CUST_8091	PI429010886	N22526	0	0					38.06969	28.4962	39.98414	55.84882	271.4702	214.3188	42.77417	52.29097	35.48599	39.39208	143.5284	141.8433	28.0193	140.8769	144.1077	41.03792	39.22128	27.63973	21.96708	46.2068	23.35063	23.25613	22.39655	21.36192	33.18448	65.86088	27.45352		
CUST_48716	PI429010886	M81810	0	0					44.96264	30.71104	64.66012	39.67832	53.03534	34.53973	28.91213	27.06969	17.39682	40.35331	55.32159	24.52363	45.64916	22.96931	26.46988	29.38788	25.6877	39.56727	79.62038	64.23608	79.18277	37.17059	32.3516	40.18248	48.18525	30.43314	54.59539		
CUST_42023	PI429010886	M59183	0	0					12.41522	12.49835	32.99109	16.5389	15.91592	16.24611	197.7325	16.05617	29.62518	24.08726	58.77493	21.66483	35.38316	21.38839	24.50935	19.87663	15.00684	15.53132	22.61344	18.17826	17.94579	21.47245	18.42193	20.01679	35.01298	19.64434	29.18456		
CUST_34741	PI429010886	M105023	0	0					112.9448	153.7124	97.52903	116.724	169.3609	137.9056	173.259	132.8564	132.6815	85.54538	158.6925	90.47296	120.6396	174.4633	118.3592	141.7369	177.4189	162.9278	96.81529	128.3674	127.9686	89.64766	97.97101	90.93696	122.6677	168.1851	136.3915		
CUST_45094	PI429010886	M67983	0	0					19.41383	35.79767	14.06396	19.12392	24.27221	30.54671	20.31267	20.33173	25.47879	18.72412	15.49793	15.7122	13.34035	20.00591	20.1119	39.2784	35.07936	35.36547	29.70306	19.20294	23.77756	18.18461	19.23998	22.55486	28.67152	23.36545	21.41461		
CUST_8933	PI429010886	N23816	0	0					171.9853	170.1396	184.9648	176.3429	173.5895	160.5879	102.7615	141.7174	162.2564	150.0907	162.3594	68.29523	166.6906	151.7575	168.564	122.4178	161.9945	156.7919	106.9674	216.1701	155.6488	178.9277	196.9837	211.2708	149.2013	155.4242	194.3971		
CUST_12717	PI429010886	N29931	0	0					80.79724	91.52744	111.8276	66.95538	70.28135	89.04608	58.55433	89.2783	73.48645	85.41835	87.19961	96.94761	65.12931	88.22605	74.84749	148.5965	96.86942	116.5916	111.1293	104.8815	95.67012	119.971	78.48038	110.4109	91.69645	105.9898	82.81729		
CUST_51732	PI429010886	M94766	0	0					6.852265	9.289439	6.679536	4.666875	NA		3.67551	21.00124	NA		13.6782	10.45447	7.048882	3.925762	15.18833	NA		13.25637	18.41119	24.59083	30.3404	5.627759	NA		4.181523	NA		6.323496	11.88441	NA		10.18759	
CUST_39440	PI429010886	M39535	0	0					734.7144	991.1291	216.5044	647.785	180.3196	461.522	904.627	1923.884	1158.756	1102.526	611.6853	403.3938	1652.642	1882.752	981.9828	805.8552	442.2313	825.7252	1941.073	2185.802	3073.818	1089.089	362.8242	662.0947	545.4629	279.6157	368.0554		
CUST_52160	PI429010886	M96592	0	0					21.37086	24.62932	23.04198	11.93827	12.60227	12.33889	13.22308	17.56163	13.54908	18.49709	17.79422	14.44521	15.89253	22.20069	17.46154	9.247073	21.3286	18.11402	11.15823	19.6327	16.15468	22.5078	23.4647	22.00011	14.47089	18.50842	19.61183		
CUST_36177	PI429010886	M14897	0	0	241595281	NudC domain-containing protein			6.12E-30	76.38149	114.6414	99.74451	52.67704	64.77885	54.14388	40.49642	88.6413	41.43789	106.2659	89.29338	98.73078	94.21867	95.57738	97.88781	109.9913	89.53408	85.49462	57.18227	40.12721	43.54722	124.7562	92.99115	126.6732	87.38427	126.2182	120.6665		
CUST_35271	PI429010886	M12108	0	0					110.8634	162.2856	308.1912	158.1747	131.2222	142.1948	58.37071	118.702	122.8503	118.1364	102.4481	84.45954	128.7173	86.44935	94.38205	94.60841	163.7162	111.7284	141.4616	121.1272	95.61224	136.8093	126.8958	104.6237	176.1711	108.6386	168.1851		
CUST_41325	PI429010886	M57452	0	0					75.06882	96.51035	21.41224	130.8809	708.1548	548.4345	201.5487	436.9283	235.1738	158.0297	126.1993	103.4638	75.31313	220.4205	41.38957	223.4669	192.6977	269.4056	136.8093	308.2378	177.5447	77.59604	42.21331	92.32672	210.7737	188.7199	129.6173		
CUST_6630	PI429010886	N20371	0	0					198.4395	198.0827	249.2581	240.603	247.1564	235.9714	252.6661	254.9324	255.4927	261.3125	263.3104	258.7813	188.9036	234.4037	279.563	224.4256	258.2414	295.5482	139.3356	243.5905	289.3915	252.9258	267.1275	314.5854	211.185	192.3094	195.1305		
CUST_967	PI429010886	N8015	0	0					1112.702	660.9643	1097.014	999.5752	408.0121	418.8351	315.5362	475.2146	708.4537	749.8532	563.8477	624.9341	1968.185	944.8425	1543.558	301.8993	547.5307	563.1388	614.7112	628.8213	673.5376	1870.445	1067.709	1031.076	740.8082	373.3349	1109.766		
CUST_10290	PI429010886	N26010	0	0					39.48899	19.54174	38.72594	39.68181	24.71432	41.52789	30.63129	40.80836	53.17104	13.97597	27.59657	NA		40.7495	21.47115	37.50844	10.34053	17.03584	27.16746	17.23263	14.45239	29.41321	16.15211	11.17145	14.5311	73.96504	33.26996	76.14147		
CUST_31261	PI429010886	M1098	0	0					311.1315	452.8102	394.9633	284.8134	342.3913	299.1753	338.3225	442.7601	476.7459	350.1584	343.6496	375.9296	352.5182	370.3281	344.9779	363.8565	521.9217	376.4343	405.9933	452.9256	462.1954	382.8	505.1911	453.8518	351.1109	406.1674	470.7608		
CUST_15351	PI429010886	M42443	0	0					44.7999	53.14759	41.32674	16.30105	29.97378	10.74336	30.13347	29.30754	21.83479	11.19367	29.18122	10.374	22.98107	15.14134	28.68856	15.69377	48.91526	29.85244	34.52239	25.24206	15.07353	21.09878	13.22146	12.95708	96.52446	30.14723	79.37286		
CUST_20123	PI429010886	M52492	0	0					NA	22.0572	8.523564	21.28132	22.09706	19.42557	14.3393	12.55197	14.09206	NA		28.30062	12.66822	18.68765	9.791478	8.381188	15.23987	14.03865	13.70168	5.029898	11.43891	9.273221	10.0988	14.26914	14.87626	12.90521	20.82118	17.77119		
CUST_10863	PI429010886	N26911	0	0					68.04801	77.75578	79.46471	83.42667	54.42945	60.48555	65.309	57.12984	60.30614	76.99156	53.68776	63.57042	70.21276	57.01672	49.75454	72.83024	65.01496	67.31813	65.87993	69.48765	71.43072	85.38009	60.50212	70.60324	85.51486	73.41723	90.88256		
CUST_45005	PI429010886	M67688	0	0					4.424304	7.014131	7.018124	9.785757	15.19667	15.32206	21.18591	12.80557	13.73223	14.08558	15.4847	13.10406	12.34178	25.29384	12.9512	26.14108	8.826303	18.96038	4.72137	7.101655	4.605694	12.2337	7.649773	12.51386	6.41682	16.50059	3.603436		
CUST_38103	PI429010886	M23360	0	0	371591223	Euphausia superba voucher 7020				42224.23	58747.16	54162.9	52429.1	46193.24	46458.58	44112.52	56377.06	51269.31	39540.76	43090.8	37932.98	38060.46	50951.28	36302.66	52165.44	58090.3	54925.27	42662.49	52815.17	50951.28	35445.2	40415.13	41095.52	43701.56	59443.36	44511.54		
CUST_6052	PI429010886	N19566	0	0					4.420558	13.23504	5.700788	6.136811	77.12608	60.3351	NA		10.01645	7.587167	NA		82.00982	72.42124	8.523259	57.63804	54.89599	7.306229	5.178823	5.551574	NA		35.60799	3.879505	NA		4.093308	NA		21.55177	9.465451	
CUST_36024	PI429010886	M14316	0	0	262303234	Libinia emarginata isolate 11_12	Metabolic process	Cellular amino acid metabolic process	4.15E-68	59.52846	52.99968	44.56209	43.78128	60.78548	58.98036	64.03624	63.58392	70.64915	62.64991	62.367	66.02134	59.23509	61.63075	68.72832	79.88277	51.42014	65.53387	63.50827	57.65509	61.96517	51.68947	52.96326	54.41681	57.9604	52.81201	66.15962		
CUST_11211	PI429010886	N27450	0	0					9.392936	10.01935	8.24518	10.05113	15.15187	6.72839	8.212284	9.036413	4.407448	NA		8.373343	NA		5.203228	4.322242	3.406318	5.839233	8.806809	3.409742	6.285156	11.53833	5.180466	7.340202	8.401043	9.003802	NA		14.25457	6.343539		
CUST_53421	PI429010886	M101631	0	0	0275401		Metabolic process	Nucleobase-containing compound meta		11.859	33.11578	33.13557	40.6742	31.81746	32.66605	43.78128	76.93465	43.53457	49.41907	49.27254	43.03704	15.56129	104.3299	13.15696	62.66935	29.56947	56.60172	68.16127	37.58094	39.85168	20.29057	35.4467	36.33638	23.20911	11.57188	25.46423		
CUST_46661	PI429010886	M73332	0	0	0278303				362.8242	435.0369	384.3395	427.8043	320.3348	305.863	360.2879	282.3692	369.5842	415.7252	316.8051	147.2543	326.3053	263.4946	409.2932	403.5639	375.5874	420.3226	503.262	376.5416	379.8743	500.9726	411.2361	425.8369	543.6971	383.3865	491.3879		
CUST_30878	PI429010886	M98	0	0	0278303				1.98E-83	80.86273	106.0382	137.2351	174.4941	99.20976	151.9875	115.4959	125.5586	158.8716	156.3694	104.8322	95.57738	235.5705	143.2044	137.4424	180.7516	153.4511	202.6784	251.5671	267.7885	376.6399	172.748	130.9524	235.7954	191.8512	118.6245	240.9301		
CUST_5042	PI429010886	N18187	0	0	0278303				489.2868	321.8126	419.1486	350.7074	313.5422	377.5103	685.2688	386.0289	494.454	499.3569	326.6163	447.8863	498.6872	411.8854	358.0309	1041.462	421.4753	773.969	614.2194	663.421	803.738	498.7889	381.9964	522.1886	654.5389	312.2924	599.3024		
CUST_5196	PI429010886	N18387	0	0	0278303				3.18E-82	133.8434	143.144	133.7779	125.0086	108.5274	101.522	111.7147	126.8958	138.2078	138.7489	105.6058	118.3592	159.7027	113.3335	121.9689	128.797	144.2677	155.9594	119.713	153.3624	164.0459	150.7041	156.988	173.1969	140.1138	127.1435	210.9122		
CUST_12303	PI429010886	N29258	0	0	0278303					19.98159	29.80661	17.43071	21.73011	29.44247	28.91544	18.46729	23.60134	17.88666	19.88527	18.93048	12.69158	23.83774	21.07756	27.57725	23.68606	26.18151	37.51953	25.33737	30.17742	24.83403	28.05304	25.82506	33.84921	34.41857	29.21491	31.93549		
CUST_18486	PI429010886	N39885	0	0	0278303					165.8977	142.0375	95.73042	206.3618	118.2766	154.8735	296.2197	197.3334	258.7066	291.4994	169.0416	158.4455	263.6152	124.7912	229.6141	420.4184	272.1942	321.2079	232.6083	168.6714	178.6979	228.7481	208.8662	250.8664	221.8149	149.6459	184.828		
CUST_4192	PI429010886	N16197	0	0	0279919				1.18E-16	323.747	115.2322	332.5739	392.3777	561.1654	307.2712	14.26605	175.8857	76.02418	9.896366	54.73663	6.433509	623.3324	266.583	349.3011	35.45282	41.4895	45.142	92.12733	1142.458	1343.626	516.3556	99.66557	317.0103	677.4857	562.7989	1223.646		
CUST_29661	PI429010886	M60311	0	0	0278793					1346.969	1835.563	1224.109	1094.513	656.4851	712.1062	568.455	767.3697	865.141	1211.071	948.1481	1005.566	1296.153	796.9187	958.1581	908.0247	769.5468	1339.984	1331.188	960.6172	980.6718	1119.38	689.98	1022.798	1425.394	1280.159	1503.941		
CUST_32401	PI429010886	N33823	0	0	0290438					36.83655	51.39986	36.53104	47.25275	22.86904	21.3436	47.55964	40.98319	47.22395	45.50992	28.2373	35.84121	55.92368	34.72341	49.23962	47.25275	62.55414	65.47283	33.33824	55.96387	44.29125	47.41158	39.42042	42.0926	51.25728	63.69903		
CUST_22738	PI429010886	N47579	0	0	0290438					21.23274	27.32212	22.10476	20.7057	20.28829	26.82547	28.75373	20.06847	22.06613	25.15651	24.97826	23.4544	30.18612	28.63477	25.38297	23.76317	31.91281	34.19427	22.96723	30.68536	23.69696	42.80111	49.59199	34.22235	34.50418	23.12326	31.60141		
CUST_48161	PI429010886	M79158	0	0	0290738				4.09E-13	24.09713	12.94058	46.85381	6.88957	16.14473	4.022042	9.92008	8.025098	9.412668	12.1921	36.34979	25.83296	17.85411	18.19202	18.37247	21.16897	17.01131	16.85534	17.08255	11.71113	12.10349	14.80209	11.84393	14.68671	25.3952	15.90348	14.01288		
CUST_49069	PI429010886	M83897	0	0	0290738				1.66E-22	50.87138	52.6416	61.63075	50.02722	50.10131	57.11305	47.71964	38.47726	47.80868	38.2836	49.65645	54.09509	64.31661	64.64642	70.38705	61.67047	62.46312	54.2431	66.65338	51.90036	62.35954	47.24216	50.0937	64.42288	67.98511	53.50459	86.37483		
CUST_39775	PI429010886	M44332	0	0	0290738					1801.332	1255.327	2031.77	3159.077	1186.54	1853.898	728.8717	1985.342	1180.485	1480.822	599.4277	997.2176	1096.072	1109.766	606.5345	775.4008	2085.588	1853.898	1488.548	2636.073	2958.733	2093.838	1225.455	735.2877	1696.829	369.1521	1060.229		
CUST_31414	PI429010886	M1474	0	0	0290738				3.41E-35	32.03079	69.98305	70.21276	26.86909	26.31789	25.36783	27.4271	53.83595	49.81991	36.49885	31.96971	21.44482	28.3301	19.82627	20.79498	27.84463	37.38294	42.26354	39.46646	50.72554	67.35825	37.54467	33.07741	36.65461	67.58778	48.49422	64.36702		
CUST_26625	PI429010886	N54558	0	0	0290861					93.4363	86.71039	80.54573	94.78884	77.31152	74.20038	81.10019	68.52496	52.51146	70.80726	62.40732	78.12052	86.956	55.27672	64.37351	93.14583	71.84826	89.5211	80.98106	75.91716	77.3983	126.1267	81.87749	90.32894	101.7154	75.43954	101.105		
CUST_22986	PI429010886	N48057	0	0	0300112					133.1101	139.1998	57.56952	141.3156	154.7131	181.3504	173.2392	101.8004	132.5224	118.2313	125.8242	147.5974	139.7386	110.2586	151.1486	265.3286	167.4488	152.8709	167.261	81.66229	153.5202	67.00003	114.7343	90.8123	142.3635	132.0014	74.17237		
CUST_45621	PI429010886	M69699	0	0	0300936				1.11E-25	11.3477	15.432	13.59581	12.88293	12.31491	NA	5.267179	12.92228	11.46447	10.56444	NA		11.39194	7.893062	6.016685	10.57189	11.31534	4.059622	10.09352	7.125638	9.791478	14.83547	8.148792	8.668203	10.02234	13.92104	12.65578	12.2567	
CUST_8813	PI429010886	N23631	0	0	0300936					496.5813	743.6336	853.7719	694.7413	391.6595	603.3505	470.7608	682.5361	1003.255	648.4382	477.1875	335.3952	576.2705	445.7269	523.0011	1193.688	789.3467	811.6064	1101.531	664.6847	922.5025	1160.436	718.4732	931.1977	1264.606	691.8963	890.9879		
CUST_742	PI429010886	N7090	0	0	0300936					132.4344	113.9393	245.783	299.1753	252.884	10.04079	82.0771	87.84235	134.6492	59.11174	91.11591	56.42712	238.2083	59.81752	175.2702	34.93184	154.036	20.53404	728.8717	208.1829	461.0647	1041.462	706.8768	641.3942	233.8101	54.9218	183.6447		
CUST_39518	PI429010886	M40736	0	0	0300936					11.48186	12.79123	22.00575	39.30254	23.03013	NA	4.913749	12.60992	7.547517	6.796162	41.39951	6.634489	43.86283	23.12326	11.54243	4.96729	4.610862	10.13108	10.96971	15.19323	27.30898	30.93515	117.2793	111.9491	11.22607	59.22932	76.08583		
CUST_10408	PI429010886	N26186	0	0	0300936					8387.726	603.0231	7459.987	10683.23	11588.48	11805.59	339.5673	543.5625	480.3553	9257.227	7316.568	7558.705	8768.122	6265.89	10795.65	235.4202	272.5621	230.5014	1058.187	999.3353	745.8583	16760.98	6956.592	9111.496	1329.875	2645.058	3258.199		
CUST_13986	PI429010886	N32129	0	0	0330501					176.3724	370.3281	389.053	271.1207	261.3125	137.2652	286.8701	264.176	391.6595	254.7629	203.057	214.0358	346.6392	228.8193	217.5404	258.2813	277.9454	296.8699	447.6336	428.1289	429.6749	312.8082	325.8846	400.3546	478.5299	259.8835	688.887		
CUST_28288	PI429010886	N57673	0	0	0330501					28.83489	42.178	29.75114	36.30672	28.70626	38.3287	51.53986	34.43322	53.32942	47.26148	43.09613	36.83655	46.91122	60.75955	72.62444	70.53623	42.93819	51.85541	42.93819	46.92175	49.54311	39.36946	55.85351	73.82805	28.76131	51.54626	38.12534		
CUST_5555	PI429010886	N18888	0	0	0330501					13.00116	19.19552	22.81115	29.74732	23.09017	18.87895	24.54069	23.67991	8.219759	12.52305	27.5289	24.26626	18.85113	20.92431	31.62759	18.90495	18.25431	19.52728	18.57172	18.85311	19.75257	17.42739	28.01116					
CUST_54928	PI429010886	M108192	0	0	0333876					NA	11.65231	13.96855	9.937052	7.979072	15.13981	16.58723	8.461781	8.452888	10.34183	6.516558	7.833379	7.934974	4.738336	14.92315	10.74067	16.44342	10.63151	NA		12.2567	14.22003	18.06394	16.87762	10.10871	NA		10.41528	14.98029	
CUST_24177	PI429010886	N50173	0	0	0343134				1.33E-11	73.50942	82.9019	NA	95.67012	28.71526	114.7172	65.08782	38.12224	62.97498	24.1706	18.66832	9.916433	51.68671	117.4337	74.01825	272.2328	117.2201	109.0197	111.6865

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_22331_PI429010886	N46836	0.005494228	15	12						78.44375	72.64707	93.00549	60.79882	68.86246	74.23643	74.21946	71.23962	68.33012	82.29248	55.82058	83.61292	167.2859	72.3378	175.5187	130.3988	123.354	87.25531	54.07225	74.11009	40.85968	73.07238	80.82353	86.89375	107.696	69.59216	93.44995
CUST_31517_PI429010886	M1704	0.005500819	21	18	380023928	PREDICTED: protein RCC2 homo			4.96E-125	44.31359	34.06404	67.03577	31.83762	30.6407	18.99955	76.95384	22.78614	70.87494	75.37573	42.83599	59.38272	51.43678	44.39683	29.22381	60.17344	51.68671	67.83335	73.51603	54.75432	96.87922	50.80105	32.78182	50.8307	43.98563	27.64775	43.63223
CUST_10651_PI429010886	N26571	0.00551452	24	6						14.58685	3.905043	14.82588	7.878601	10.95081	9.492246	10.13478	19.48546	21.74119	6.860532	15.00372	8.485387	NA	NA	17.72698	NA	12.3186	3.87502	3.41858	4.986564	5.521695	5.830281	NA	7.130952	11.36795	7.654544	
CUST_16611_PI429010886	N36566	0.005514639	21	9						13.35908	21.04763	9.794238	23.61225	14.49041	13.43787	17.01732	27.65463	19.20294	NA	11.43667	16.19041	23.1696	31.06592	12.54629	6.720337	11.68057	8.893955	5.441289	11.58452	7.91133	NA	9.753338	16.8721	NA	12.95302	19.39096	
CUST_24073_PI429010886	N49983	0.005516125	15	0						10127.21	14580.94	10178.51	9376.495	5292.711	5979.853	9613.776	9855.129	11164.38	8547.585	7632.364	5644.907	7177.873	6109.222	6665.157	13154.56	13154.56	14389.61	10127.21	10053.8	9425.197	8631.841	7130.037	9905.822	8439.929	7260.089	8269.17
CUST_32569_PI429010886	M4455	0.005517041	24	18						793.898	559.2886	1066.707	1098.155	616.5627	265.6845	907.8057	493.9591	1292.456	2918.383	1582.625	2047.134	1938.89	712.1062	889.3882	672.9142	530.1492	1291.096	4875.223	3640.441	4238.105	1753.571	2773.888	3522.391	1636.385	1486.662	3292.245	
CUST_21729_PI429010886	N45746	0.00552209	12	3						15.61685	15.865	10.13898	17.39841	NA		21.92026	13.13552	NA	14.57595	15.53957	5.945578	16.93035	19.01144	12.64908	13.39443	18.76907	16.87615	18.69379	14.79581	6.932272	14.13494	12.97492	9.304777	11.35065	15.10046	16.3775	15.98963	
CUST_48002_PI429010886	M78473	0.00552427	24	15						1240.711	2773.888	1732.526	889.8299	1160.436	901.0046	1235.266	1746.391	1316.174	1068.824	1241.8	937.5478	1019.654	1373.039	1089.56	1844.624	2920.075	2217.875	2203.327	1789.218	1670.997	1152.159	1678.527	1134.386	1609.728	1308.545	1383.294	
CUST_24413_PI429010886	N50580	0.00552427	24	6						106.2214	228.7822	197.4586	208.2743	225.5545	196.6698	207.2734	227.2167	241.5804	198.2176	204.3287	207.0168	169.4171	215.601	234.9525	201.3091	153.7672	190.6927	145.2125	169.5339	150.2816	146.8225	232.1097	190.1479	190.7291	117.6349	203.36	
CUST_56867_PI429010886	M114795	0.0553552	24	21						323.0951	317.0103	649.9373	238.2083	182.35	175.8857	192.4063	222.6199	430.9236	357.4621	172.3129	285.6824	189.3285	196.1132	148.3156	341.0815	257.2967	347.5429	684.4289	255.6336	319.8754	582.785	366.7062	421.4753	657.7333	284.7236	390.7107	
CUST_22336_PI429010886	N46846	0.005538111	21	18						49.09284	68.79187	28.14643	23.50114	16.51508	12.60763	28.65291	42.80977	8.467723	35.62359	21.0238	29.55798	39.29873	15.07768	28.87134	38.32178	50.95848	53.7918	51.41632	38.09775	52.61688	17.61898	26.22059	21.34628	40.44359	15.31518	26.03631	
CUST_32208_PI429010886	M3527	0.0553896	18	15						88.12342	172.8084	164.7136	112.0451	109.2995	92.46133	133.7558	161.0498	157.8871	129.5648	138.9837	156.5187	149.578	131.1604	134.2321	170.4605	223.1865	206.8979	145.0834	147.2789	153.2351	138.8888	122.1097	141.4085	126.7723	151.7315	175.8857	
CUST_5744_PI429010886	N19137	0.00554378	21	6						7.443803	77.16447	56.44269	61.46387	134.2508	165.3213	14.84278	166.5929	174.3407	7.697503	104.9484	24.5729	6.766809	29.60752	18.58892	12.9826	43.56758	38.88914	7.645491	33.4664	23.0873	7.327637	58.32536	48.20502	NA		73.36846	84.52278	
CUST_54194_PI429010886	M105024	0.00554948	12	0						44.6746	41.47342	44.94568	33.90314	32.59982	26.37524	33.67346	26.67745	32.51285	28.5989	35.17583	16.12259	48.36443	23.80751	45.66597	40.37344	40.83819	33.75196	33.3626	29.04223	33.57662	49.08691	42.11956	40.76292	59.25874	39.38283	67.72081	
CUST_863_PI429010886	N7610	0.00554948	12	0			Cellular component org	Cytoskeleton organization		826.745	493.0213	798.8065	713.1241	745.8583	722.7897	318.2644	390.0801	353.4279	351.7434	692.1008	463.3449	401.9784	783.4167	579.5063	353.6905	467.458	403.5639	362.2694	363.9263	358.8543	365.1669	491.1439	404.5068	421.7429	449.4542	443.8257	
CUST_43235_PI429010886	M62485	0.00555165	24	18						17.12042	12.67448	19.11039	15.88592	14.42132	8.022388	14.30855	19.21808	16.90269	10.03167	16.98352	13.86535	24.04006	16.46484	18.03262	18.42891	18.11193	18.66401	23.44192	20.38307	19.44615	20.14753	16.4194	19.63812	32.19227	11.29273	28.46437	
CUST_49367_PI429010886	M85404	0.00555165	24	21						25.14815	19.2763	18.38125	25.57669	16.18088	16.8613	9.275544	9.907467	7.222375	11.87886	18.51735	17.23263	19.5987	14.77073	21.28833	12.30813	22.62431	17.08471	12.36397	26.39512	21.1277	36.16345	25.3148	14.29658	31.53193	19.26727	21.58133	
CUST_55840_PI429010886	N18835	0.00555165	24	18						321.8933	540.2756	420.0475	336.1378	320.0483	337.9981	433.8311	478.9906	528.1103	398.7982	385.9551	399.8074	433.7137	368.4918	398.2963	406.7564	561.6936	524.2711	568.0849	510.9141	646.5974	448.8304	476.5395	449.0619	519.4495	384.2558	594.8478	
CUST_9171_PI429010886	N24177	0.00555165	24	21						47.66075	59.01526	51.35849	48.7205	64.42288	62.03768	34.94317	47.43208	40.98319	43.07048	50.69942	54.13071	49.30286	53.39229	49.69173	44.99422	65.3293	55.71616	49.05136	47.81362	53.65203	60.71646	66.38702	64.98274	69.0628	55.88596	58.49962	
CUST_5863_PI429010886	N19308	0.00554216	21	18	189240220	PREDICTED: similar to Cytochror	Response to stress	Defence response	1.76E-63	25.1445	19.64634	28.31962	7.144159	13.07958	11.75627	23.90216	11.43354	11.18155	21.35916	12.69375	19.57461	13.51353	77.7922	22.92037	19.15316	13.60098	33.55276	38.12957	19.71101	34.23416	26.35115	13.72622	19.58198	16.36409	7.653718	14.3798	
CUST_6950_PI429010886	N20821	0.00556437	21	3						44.81289	43.61117	44.18092	53.83595	52.22742	35.30558	50.60267	43.32608	41.3426	53.28421	50.55101	45.69732	46.43858	35.59474	29.6976	41.56038	44.80331	42.93819	33.44269	36.92118	34.16687	53.36513	48.66684	52.82485	53.19546	54.11854	48.68665	
CUST_20762_PI429010886	N44011	0.005566744	18	0						50.73868	14.98175	67.73599	12.33889	6.241144	9.897949	8.477265	18.47674	10.20394	11.72201	26.26607	6.214729	8.373343	8.696601	14.20448	22.8581	40.77521	14.85832	15.5366	16.96577	15.74847	15.50721	12.38102	8.097597	10.05997	4.418678	8.649765	
CUST_42686_PI429010886	M60970	0.005579907	18	15						38.24515	48.56908	55.47226	27.79864	38.62045	38.29909	36.51861	46.65753	49.03029	43.20078	36.38972	40.66544	47.65044	44.45113	44.53859	58.77493	45.02349	51.45353	60.03374	47.47428	35.61538	38.76155	16.30105	33.71063	51.79467	31.40589	43.34823	
CUST_7526_PI429010886	N21676	0.00558256	21	0						173.6723	115.5105	196.5522	98.2692	92.08367	96.53451	97.66082	70.75071	70.67656	80.96563	89.44264	109.4907	92.9385	94.25033	118.4103	126.6732	99.01871	125.0755	96.69796	117.7425	131.7896	132.4344	80.43757	103.4024	109.5487	119.3879	113.5235	
CUST_22946_PI429010886	N47984	0.00559345	15	3						6.031062	11.21493	8.937861	NA		11.23607	NA	3.97025	NA	NA	3.790068	NA	5.301599	5.197416	9.268739	7.682187	5.552409	13.79883	11.02468	NA		14.72497	6.89341	7.45936	11.64284	7.141331	NA		3.735034	5.165098	
CUST_53953_PI429010886	M103850	0.00559645	24	9						478.2442	220.0171	384.0543	338.3895	456.7205	542.5585	208.3055	371.7268	250.0724	223.982	409.0189	414.226	208.794	404.1681	550.4921	285.2064	208.0191	237.0207	205.8252	263.251	175.6627	171.4846	160.1694	169.6715	187.8413	269.7799	177.362	
CUST_55475_PI429010886	M110288	0.00559645	24	21						240.6918	274.1568	277.6138	233.1508	195.1036	156.4627	186.4449	206.5859	185.9639	158.6448	156.338	144.6342	250.3014	275.4561	297.7147	168.3104	396.5838	341.2447	277.4142	155.4242	222.5957	279.7318	260.3883	266.2866	195.2581	252.884	372.2898	
CUST_49795_PI429010886	M87141	0.00560145	21	12						25.33441	10.79815	15.82642	11.60477	11.46447	NA	15.98731	13.6932	10.14417	15.41425	19.11764	26.15317	55.39639	30.36386	21.9708	14.78675	16.07832	26.96496	5.966459	38.06969	42.9937	28.49433	7.504118	13.74367	7.299732	12.69474	14.45802	
CUST_56926_PI429010886	M114916	0.00560386	24	15						302.6134	336.0374	362.8786	329.7179	254.8611	333.7063	328.2775	255.3385	354.3285	396.4646	286.926	331.3594	331.7259	275.9079	302.7218	451.5651	403.4693	374.0444	390.7107	339.6934	384.1573	377.3111	358.0959	386.528	470.1035	363.084	354.2621	
CUST_33252_PI429010886	M6401	0.00561356	24	21	157115557	mitochondrial uncoupling protei			0.000000579	41.28281	33.49837	36.58776	21.53675	26.60979	26.13856	22.45014	31.2401	26.95753	18.27547	22.98354	18.74591	24.24247	30.11046	36.61091	42.23986	17.70936	44.09481	25.04161	17.86363	27.17222	37.3305	32.6846	38.74481	33.09195	33.29588	40.36492	
CUST_37841_PI429010886	M21826	0.00561709	24	18						1271.126	1200.042	1701.993	476.0531	312.7556	59.33452	2143.564	1236.613	2738.485	599.6889	550.9285	489.9777	1881.294	934.7113	380.83	699.7985	1534.389	2517.49	2620.241	2613.493	4513.062	726.5143	1364.845	1871.7	1487.355	2127.944	4436.509	
CUST_43436_PI429010886	M63042	0.00561709	24	18	255729756	S-adenosylmethionine synthetas	Metabolic process	Generation of precursor metabolites ar	6.47E-26	158.132	182.0165	167.1998	159.4491	135.3432	110.3983	195.2581	185.2539	183.2355	219.3222	177.5137	187.2195	194.4561	196.7413	164.9616	222.4664	166.4205	209.6366	220.1523	179.3019	226.205	227.1783	189.1039	192.7777	215.2207	148.2715	205.6925	
CUST_8219_PI429010886	N22727	0.00561709	24	21						8.77847	17.6134	13.10871	11.09202	17.74472	16.6895	8.355006	12.90067	11.60633	19.28815	11.25219	13.11926	7.669956	16.66408	17.13864	20.54391	39.2713	26.48147	15.80953	16.14034	15.90721	25.1445	23.71643	27.5238	19.83069	20.84244	28.58712	
CUST_26115_PI429010886	N53693	0.00561709	24	21	242004748	hypothetical protein Phum_PHU			3.97E-24	24.42528	13.85151	23.32054	24.2063	15.58835	9.329172	9.13994	16.56978	12.23088	17.79852	9.952015	16.42269	24.02712	18.68765	21.11994	26.43013	13.114	15.88592	21.9826	18.47851	16.97215	26.92758	18.68973	26.67982	19.1841	24.68337	30.54026	
CUST_14189_PI429010886	N32458	0.00562138	24	3	405975393	Allene oxide synthase-lipoxygen	Metabolic process	Oxidation-reduction process	1.19E-14	14.28509	14.84471	11.60186	20.80953	10.41528	16.40534	NA	12.96002	5.590884	19.55278	NA		25.54219	7.847769	9.595961	13.16499	12.81539	4.828222	7.383186	3.502049	3.651969	10.65808	8.642575	8.192675	3.205031	5.571313	18.81696	16.13355	13.56135	9.942624	6.828268	15.83889	
CUST_15495_PI429010886	N34674	0.00562449	24	0	156552355	PREDICTED: hypothetical protein	Metabolic process	Other	3.69E-09	15.39283	44.75431	30.72426	24.39353	26.25392	24.65758	11.45478	26.93742	25.89322	16.58358	23.22612	13.43959	11.27508	16.17764	10.27106	16.63439	32.76569	21.13144	16.13183	21.3859	19.64262	7.536259	21.60215	7.311	12.83969	27.13842	33.95508	
CUST_18882_PI429010886	N40575	0.00562449	24	12	334326753	PREDICTED: LOW QUALITY PROT	Protein metabolism	Proteolysis	9.26E-13	34.81137	29.13534	28.38277	59.66359	49.76639	66.39483	37.28516	34.67614	37.72215	37.50107	51.28488	40.3323	68.83252	84.00818	67.61402	38.03753	26.00178	30.68226	37.77333	44.43314	23.41135	30.10418	29.97653	46.281	29.97997	27.93535	36.12041	
CUST_15406_PI429010886	N34523	0.00563219	21	9	489303282	agmatinase [Pseudomonas] >gi\	Metabolic process	Nitrogen compound metabolic process	3.91E-29	32.15923	35.86995	38.23951	62.60527	62.42709	75.97892	31.88585	36.71092	46.14458	84.14449	74.46237	72.0781	44.48574	60.99085	70.83005	26.70669	36.03288	35.12713	39.23752	32.36969	22.57324	43.32213	49.63757	34.2465	41.96937	34.78692	39.11911	
CUST_20814_PI429010886	N44110	0.00563239	12	6						NA	NA	NA		14.81636	NA		15.06342	1201.304	NA	1014.541	41.28574	28.76456	NA		6.706445	15.5366	3.548747	63.2086	5.323745	63.66074	1546.88	1565.636	3555.208	223.0141	NA		217.3996	227.3921	25.57119	183.7151	
CUST_19417_PI429010886	N41544	0.00565213	18	3						25.5566	21.35401	35.68728	38.69008	51.55397	73.83526	18.93653	20.86861	31.98442	25.89606	11.55982	23.00444	11.15025	21.44902	34.08118	33.18845	27.16394	29.04223	22.61783	12.97286	11.46286	77.44274	31.08617	51.27875	27.07259	21.29948	29.11607	
CUST_4752_PI429010886	N17406	0.00563959	24	0						428.6927	408.8076	377.0504	387.5344	339.636	270.5842	241.7074	433.8311	346.1837	412.0092	336.9544	362.195	347.7046	257.3902	374.9091	236.7186	362.1172	328.0523	411.776	412.7396	362.6643	494.0593	346.1134	467.6907	503.3681	519.2716	671.9924	
CUST_1555_PI429010886	N10051	0.00564071	12	9	7008007	DD9B [Marsupenaeus japonicus]			0.000000165	1797.322	537.8527	1863.699	1251.736	1003.544	975.7238	858.1052	720.0128	1487.355	1247.935	1483.632	1491.134	1718.114	1033.621	1145.735	669.7814	612.7708	746.1539	1793.169	1296.153	1861.323	2277.337	2066.858	2522.496	1622.787	1205.159	2477.377	
CUST_48530_PI429010886	M80826	0.00564931	15	12						562.6231	475.5631	533.0556	395.4956	300.9971	346.5231	573.4698	434.2782	454.7075	472.6199	551.5575	583.7299	346.3619	592.8013	491.5182	508.513	573.9026	595.0044	400.146	328.6973	338.507	305.7738	521.3103	332.8061	400.9039	580.6289	656.7134	
CUST_21611_PI429010886	N45524	0.00565039	18	9						6.563263	6.899584	4.369637	7.525743	11.00713	7.040601	9.902198	8.147248	11.77451	8.834386	18.43253	20.78179	9.83045	6.982881	11.4263	9.50621	16.91902	8.645163	8.928675	3.205031	5.571313	18.81696	16.13355	13.56135	9.942624	6.828268	15.83889	
CUST_52237_PI429010886	M96821	0.00565108	15	9						23.4544	57.58975	43.00754	32.18818	55.32159	36.32916	74.27281	81.78148	64.2158	81.05496	80.42543	59.47135	64.71262	55.80638	74.14723	42.2509	90.32894	74.70953	58.60789	62.90417	57.98315	55.43214	45.79664	60.84053	95.91396	86.21825	81.95267	
CUST_50110_PI429010886	M88657	0.00565068	18	3						285.8344	405.1127	509.999	447.1876	469.0501	481.1553	231.7623	420.5189	364.3837	234.6915	469.784	347.7046	208.1054	304.6294	243.0739	237.4902	373.9602	232.2336	219.8774	372.0362	251.9129	430.7389	474.9425	363.4898	285.598	458.5926	261.5031	
CUST_37487_PI429010886	M19208	0.00566395	12	6	321479210	hypothetical protein DAPPUDRA			7.64E-18	5.143723	NA	NA		18.93459	NA	16.11449	172.4022	NA	152.6411	36.02118	25.41015	NA	NA	12.67448	7.333794	47.6242	NA		37.52618	339.3438	540.9421	916.8554	29.67693	10.81194	12.83426	94.1914	12.45014	63.92981	
CUST_6326_PI429010886	N19950	0.00566932	24	21						124.2797	141.4085	192.7777	131.7896	103.7054	99.78003	120.4803	132.1793	144.5615	123.4349	104.2696	127.6821	154.0154	120.035	137.2351	129.3882	117.6125	151.421	142.2962	166.158	187.7437	168.902	173.6159	225.3038	161.4729	108.2549	226.6524	
CUST_11903_PI429010886	N28600	0.00566932	24	21						26.2182	23.422	27.23544	28.77829	24.09442	27.54194	24.78664	23.59507	19.23236	18.95217	20.25957	18.74013	34.92175	23.81296	15.33773	27.55409	16.51171	28.19779	23.88306	26.04805	25.36192	34.84492	27.03986	41.78309	28.0791	23.18509	40.07582	
CUST_21254_PI429010886	N44895	0.00566932	24	18	261331295	T. brucei spp.-specific protein [T			1.27E-09	149.73	172.8766	138.5532	156.7242	153.6889	156.5799	129.3077	130.496	146.1694	220.4205	164.1331	174.3913	178.6979	118.1871	172.1631	355.324	134.8769	355.841	185.0545	202.3368	315.0449	165.2368	137.8885	168.7955	186.13	165.3421	157.6922	
CUST_47918_PI429010886	M78519	0.00567284	12	9						9211.498	556.9404	8827.334	1670.098	5476.032	9313.798	1449.243	2687.973	4740.787	13193.16	25611.3	11339.63	15967.93	6717.703	12084.47	126.2717	245.6327	230.7269	6240.81	492.6978	7844.767	16323.5	21177.49	2233.92	9080.902	14703.33	22469.11	
CUST_47298_PI429010886	M78512	0.00568062	21	15			Metabolic process	Carbohydrate metabolic process		6.846349	5.464614	3.783482	11.70368	NA		10.76077	5.784108	30.90807	8.958741	24.78664	19.94936	NA		10.64561	14.36388	8.936436	66.53367	33.70196	78.66025	98.68465	93.82908	NA		8.334969	22.38744	10.41636	7.340973	
CUST_27923_PI429010886	N56949	0.00568471	12	6	410509308	myosin heavy chain type 2 [Pena			9.41E-21	28.72644	16.50439	28.04521	24.40118	24.5024	23.78846	38.79677	27.92224	40.6871	34.60522	10.32476	19.16283	31.73175	23.00444	10.12509	30.47418	36.6656	32.70464	45.58935	32.64521	43.02401	31.92217	32.15923	27.33338	21.73283	23.70922	24.83681	
CUST_13128_PI429010886	N30630	0.00568928	21	3						71.37579	80.1827	67.83335	74.06253	100.1686	85.73084	67.23484	83.56745	81.4582	80.16932	96.02016	74.61536	60.68646	73.34259	70.71767	43.28585	86.51281	48.36443	59.69831	76.69145	42.73341	65.27026	90.79873	62.61027	72.26194	96.76253	83.45736	
CUST_26495_PI429010886	N54345	0.00569051	18	6						10.66656	35.82991	35.48599	39.08885	39.58685	37.11143	69.37968	37.72504	47.75189	67.48873	37.23532	51.16396	54.6495	50.23264	49.9905	86.69353	56.60765	73.63397	41.89159	16.51673	32.26704	57.53971	35.69673	34.96168	125.1571	170.0929	62.09142	
CUST_54987_PI429010886	M108336	0.00571422	18	0	242020610	protein kinase C and casein kina	Metabolic process	Other	2.69E-23	NA	36.75514	33.35975	13.78137	25.82506	21.79422	5.323176	22.04447	20.2799	16.21373	17.311	20.46917	10.09062	32.47615	27.23544	15.1271	47.18014	23.15721	10.97252	29.7549	28.18616	13.58986	26.12151	26.29331	4.580134	7.609031	13.3386	
CUST_11904_PI429010886	N28601	0.00571504	18	15	260792312	hypothetical protein BRAFLDRAF			6.04E-26	NA	13.47047	13.31268	19.24654	5.465099	10.34183	20.30258	7.883393	16.52067	38.83274	7.872788	20.13002	105.3328	80.38647	9.815468	55.22776	74.44615	28.43101	115.8934	44.95996	45.61863	6.200844	7.488137	9.024323	98.56741	59.91376	22.34334	
CUST_28678_PI429010886	N58414	0.00571713	21	0						16.36134	12.24754	14.35294	14.67236	10.99842	9.050756	8.640415	8.169501	6.627872	4.616179	7.791167	11.40248	3.989228	6.498165	9.324284	12.41233	9.889204	11.67212	4.400307	7.068342	8.550634	16.17629	6.855412	16.4789	10.44528	5.23145	10.28796	
CUST_49332_PI429010886	M85239	0.00572171	18	15						27.98453	38.98881	37.38685	24.94781	33.27509	14.2562	26.81517	32.87709	48.98205	36.34085	35.14671	23.64075	28.42566	39.37754	34.63148	57.29374	50.35296	43.96327	30.24945	28.7398	49.24543	16.51006	14.92893	36.63348	29.48091	38.44506	46.14868	
CUST_31547_PI429010886	M1802	0.00572369	15	6						3428.918	3274.995	4672.963	6109.222	3434.818	44.65936	11015.18	4875.223	15230	2913.515	2674.816	1707.189	8945.499	5514.378	567.0251	704.6212	449.0619	963.1582	17589.58	10746.95	12317.37	5705.148	14885.24	12359.97	10949.85	9855.129	18117.06	
CUST_47718_PI429010886	M77299	0.00573291	21	12						131.5859	94.53661	109.7081	154.854	182.1611	134.7613	95.12721	98.79304	69.71083	138.0928	142.126	174.857	1462.785	207.2734	149.786	136.0065	101.105	127.8553	63.47256	81.35177	84.75661	113.2008	97.16144	122.0363	89.50979	105.7762	118.5947	
CUST_29359_PI429010886	N59707	0.00573443	24	21						101.8893	105.2262	166.6346	191.2871	51.92132	110.4898	79.03209	55.98105	42.98811	194.1709	233.0946	113.2432	636.3867	43.64769	470.0131	94.51495	153.6889	88.81146	243.6336	324.1912	210.2639	531.9945	227.5795	468.9491	131.9274	498.7889	96.47869	
CUST_54362_PI429010886	M105728	0.00574232	24	9						84.16166	38.78289	91.16754	74.10459	156.6771	99.83532	50.8191	64.37978	61.09188	77.06177	91.82394	129.9594	49.33812	144.7602	102.7615	88.4112	45.59558	83.30459	68.57845	46.06605	74.12141	41.95534	32.45769	44.31933	64.01323	52.98897	67.98511	
CUST_38843_PI429010886	M31132	0.00574232	24	6	532759728	antimicrobial peptide type 2 pre			2.51E-30	1433.817	3815.958	2035.999	4690.093	2799.9	2332.204	8683.686	3284.996	5374.176	2787.074	1755.972	2924.097	4857.819	2646.596	2117.814	1732.526	4900.819	5357.194	1401.131	1842.758	1764.635	591.786	2609.919	2568.829	2166.525	1836.765	2048.35	
CUST_51204_PI429010886	M92583	0.00574232	24	15						42.86666	98.097	53.19546	32.58867	30.42641	89.65818	91.40987	70.60324	90.77498	48.06623	71.98615	149.2626	107.9218	89.24382	119.8767	98.60183	126.1572	125.6025	114.0013	87.05088	111.1388	115.7246	83.02117	116.6562	39.4752	81.78148	130.3988	
CUST_5777_PI429010886	N19183	0.00574232	24	15						136.7882	396.2592	281.4085	201.6917	160.623	182.5875	339.8451	337.5198	417.0366	301.3784	201.155	55.28754	260.0376	278.3094	232.4494	438.9261	594.6179	470.5066	385.9551	304.58	406.1674	239.2973	248.6699	237.439	366.7915	277.9454	300.549	
CUST_9327_PI429010886	N24444	0.00574232	24	21						345.2692	1.08283	343.9474	441.849

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_1436_PI429010886	N9625	0.005887695	24	6	238476875	crustin type I [Macrobrachium r			2.87E-10	148.5291	463.6603	96.51035	434.7194	414.7402	208.6051	845.2107	318.1938	702.1022	340.6386	44.50237	240.9716	171.2911	413.5169	344.4852	58.57991	158.132	128.0247	81.44134	81.33153	78.31361	41.17764	168.0725	217.8383	7.94894	117.5411	57.94759
CUST_44387_PI429010886	M65791	0.005888167	21	3						151.6381	139.2928	NA	33.4192	392.9019	374.7855	75.63115	310.0635	84.95059	NA	122.9378	121.7787	NA	111.793	48.84814	50.73158	18.32878	11.49366	26.47689	286.5115	32.08859	NA	178.033	NA	NA	352.5932	NA
CUST_29444_PI429010886	M59871	0.005893671	21	15						288.7179	80.13048	159.7501	132.6306	NA	127.1117	110.9878	184.1143	114.8652	224.0655	40.78815	152.3312	155.0803	125.3758	47.69823	844.6913	468.7122	892.4292	205.7884	384.1573	594.8478	248.2232	6.773043	221.3068	227.0272	62.14225	142.9612
CUST_37071_PI429010886	M17773	0.005896959	24	0						8.142557	18.49557	10.69163	3.310167	NA	NA	13.03303	10.15772	9.576311	3.458466	11.00713	6.12072	6.301132	3.273688	NA	7.393617	7.249218	6.666981	8.596616	10.83359	3.868331	6.381994	12.41357	9.169725	13.01662	12.89253	10.9035
CUST_11988_PI429010886	N28735	0.005901208	15	3						154.6882	204.3287	219.0011	209.3429	178.0114	167.6498	153.7124	172.8766	198.84	149.0067	178.5273	172.6192	119.1399	103.6054	162.1415	170.4291	136.296	150.0295	199.8689	237.7581	200.2294	112.1293	187.3336	107.8039	123.9495	151.5648	127.4883
CUST_54332_PI429010886	M105621	0.005912438	24	3						155.3337	18.07705	145.1606	206.6626	191.6851	235.284	17.4518	46.27549	26.85809	54.80637	54.11401	66.3578	9.11551	149.3939	108.0194	6.342459	15.52247	15.38781	14.15358	24.71997	10.37109	32.17634	12.76907	22.72573	4.514985	26.05591	NA
CUST_45262_PI429010886	M68512	0.005922385	24	15						45.56407	92.11335	48.18525	45.9767	51.57473	61.51056	58.62146	56.47386	51.93257	55.01217	55.1065	7.820884	53.64587	63.81813	69.91553	70.66441	96.73368	81.87749	76.46737	59.88108	72.13266	46.88337	59.47811	69.17285	59.37073	31.68332	56.64171
CUST_5989_PI429010886	N19473	0.005933066	18	15	215541377	putative hemomucin [Schistocer	Metabolic process	Other	5.08E-60	57.97707	91.40987	70.17999	42.30272	47.03106	47.41757	62.10736	77.8809	94.48817	90.43411	44.16317	59.3504	56.63612	40.21667	49.82313	113.3335	96.25473	137.5443	89.20331	51.45353	78.42276	52.33755	30.55564	45.06652	68.92058	46.01666	80.22358
CUST_18358_PI429010886	N39644	0.005937229	15	6						28.64933	20.50662	19.88098	49.23192	26.12451	37.42766	47.53635	36.57306	32.23946	28.2092	22.10476	37.07884	32.26017	30.52273	37.46348	21.12976	22.75991	24.90332	31.04885	15.48837	26.39253	55.4869	36.96718	43.26054	32.25543	20.20612	24.73549
CUST_9218_PI429010886	N24253	0.005937496	24	15						98.68778	119.5301	105.3437	89.14903	78.20138	72.2509	68.79187	90.24484	87.12904	94.26006	87.75883	78.28413	97.40632	79.17186	97.40632	111.4755	124.5085	103.2488	100.3265	89.5211	113.9393	96.16362	111.894	92.79509	107.2361	86.61603	124.0046
CUST_41271_PI429010886	M57320	0.005938878	15	0						155.5805	333.5586	NA	132.5675	3.185503	144.5227	170.2707	186.9296	71.93885	155.3061	93.68896	23.42954	127.5646	259.5151	106.2659	324.6065	274.8211	322.2486	198.334	44.12566	189.1703	51.08768	278.4811	63.18725	23.68606	112.201	4.875945
CUST_43307_PI429010886	M62699	0.00594213	18	15						39.50981	31.52277	39.16842	42.68213	367.4917	34.27395	39.34209	27.20363	29.06853	33.24054	30.00507	32.74766	41.34776	37.57177	35.9428	52.07927	42.6416	54.49956	45.86771	36.59345	42.91838	28.98015	29.33369	49.13607	33.89153	32.32188	31.78112
CUST_34845_PI429010886	M10873	0.005945613	12	3	321468185	hypothetical protein DAPPUDRA			3.83E-11	105.7007	167.872	33.08133	178.033	109.2676	191.4474	196.7413	68.89904	79.39688	130.5163	104.9943	111.8116	121.7034	154.2758	150.0907	258.2061	233.2281	213.152	179.7279	81.19478	187.1657	54.42434	97.82425	72.78292	171.9376	158.132	34.63434
CUST_30995_PI429010886	M409	0.005960383	24	15						809.2125	1105.917	962.741	927.7273	701.8416	821.5501	883.0931	957.0763	969.8589	964.6221	842.9082	886.9505	1002.608	758.5678	1016.824	1146.806	1143.807	1043.605	944.1713	830.4195	1061.955	995.515	937.1039	1143.807	888.6241	727.4839	1039.627
CUST_44630_PI429010886	M66522	0.005960383	24	15						60.86142	164.188	98.01972	75.23071	119.1547	95.173	124.4898	159.203	147.7126	167.6498	120.3757	143.902	144.849	104.7064	111.0779	148.728	300.1843	236.8007	114.7628	158.8716	182.3885	154.6882	137.6386	176.0219	106.6811	138.6664	123.2322
CUST_44856_PI429010886	M67221	0.005960383	24	15	321473486	hypothetical protein DAPPUDRA	Nucleic acid metabolism	Transcription, DNA-dependent	4.82E-81	77.28495	69.79983	63.99137	52.37142	47.61497	58.12065	64.99766	103.7192	53.33823	70.62321	72.59454	90.92644	71.75645	70.11515	38.65223	126.6423	122.6677	85.13676	81.18389	49.28164	64.33318	84.85915	70.3428	65.98466	63.80586	75.63986	52.62861
CUST_2165_PI429010886	N11749	0.005960383	24	15	328899797	ribosomal protein S6 [Procamba	Protein metabolism	Ribosome biogenesis	9.86E-83	15258.82	20913.02	16655.53	14285.49	11429.91	12605.8	16655.53	19387.17	16690.76	15230	12743.08	11552.67	16874.05	13685.2	14389.61	21459.8	22946.38	23162.84	18408.63	19150.48	21459.8	11356.17	17453.24	14858.64	18235.97	18673.37	18673.37
CUST_5151_PI429010886	N18322	0.005960383	24	15	325679691	JHE-like carboxylesterase 1 [Pan	Metabolic process	Other	2.45E-85	6.974516	19.78846	15.15187	12.75176	14.71235	16.32616	15.12028	66.31625	44.74977	27.17503	34.71797	11.84707	18.94604	21.33527	37.42403	40.38567	28.98075	27.35507	39.71647	27.83542	27.09196	26.45629	17.71771	38.26638	26.79915	21.8116	16.60926
CUST_5463_PI429010886	N18739	0.005960383	24	15	321476030	hypothetical protein DAPPUDRA			1.72E-130	48.07833	65.6799	71.75645	46.0486	43.86651	46.21776	59.6688	63.55637	89.7803	55.25246	54.83219	47.45455	61.60595	77.08874	59.83108	55.84366	102.3977	91.45416	78.33954	60.2163	86.03269	48.33387	69.89215	58.97313	60.96816	65.87261	48.38472
CUST_8072_PI429010886	N22000	0.005960383	24	15						32.88462	105.285	86.53109	55.14747	51.76488	40.1121	76.92175	82.49497	99.2507	66.71306	47.38682	51.28488	56.37975	56.41359	58.71759	93.93202	113.5495	115.6007	91.40987	87.68846	95.90246	67.9625	67.3848	70.06067	84.01764	65.85549	80.03641
CUST_8924_PI429010886	N23802	0.005960383	24	15						49.75986	100.1686	58.72904	70.0874	60.50212	65.54992	59.05616	85.21665	67.84273	70.24722	80.65861	70.56233	62.93557	77.40803	82.45499	87.47672	96.81529	96.69796	84.47977	72.02191	92.05562	56.08051	71.23962	85.12597	70.78121	76.3955	82.29248
CUST_15118_PI429010886	N34038	0.005960383	24	15						159.4235	243.0247	190.9659	148.8378	143.8476	138.2964	178.9277	170.4812	166.3995	187.8136	180.0167	167.4144	181.2583	152.8076	204.6434	212.5212	232.0442	249.8271	209.7386	201.8882	161.7147	213.4123	178.2425	215.9822	222.5957	184.5044	250.5828
CUST_15743_PI429010886	N35069	0.005960383	24	15						45.30575	69.70354	62.73874	56.57137	39.3253	39.14896	49.85348	61.0985	58.96212	71.35943	47.51371	40.82537	49.8658	53.71769	37.88233	81.80549	79.51886	89.90152	67.84273	73.39156	77.95933	53.1876	72.96184	53.48046	68.8804	69.04786	77.51144
CUST_21884_PI429010886	N46038	0.005960383	24	15						2870.034	8522.605	2911.669	2713.39	805.2136	1528.323	6612.476	9613.776	5879.268	3798.572	2700.891	1589.718	3867.347	2928.861	1747.584	5407.94	11859.41	6292.839	4655.696	5630.843	5191.892	3274.995	8238.918	4319.299	3237.866	4655.696	2971.539
CUST_27871_PI429010886	N56849	0.005962731	15	9						7.098506	4.712103	10.03307	7.43445	9.58783	NA	9.775246	8.439304	11.33181	14.13349	NA	11.82291	11.83302	7.264645	5.629485	7.017134	NA	9.398999	6.841078	11.55069	5.787811	NA	NA	10.21185	13.14087	9.749549	13.03229
CUST_35067_PI429010886	M11471	0.005969038	15	6						13.13946	20.07184	13.72472	20.9828	18.04324	12.87353	22.02084	31.83006	48.51961	17.54223	15.70113	21.65257	14.41491	16.21373	12.43008	16.99789	39.77797	26.80971	20.44259	10.91277	20.47903	34.66846	21.67982	27.36851	30.94126	19.29948	32.14243
CUST_2530_PI429010886	N12568	0.005989793	24	0						23.27767	50.6873	19.98797	24.92085	15.23394	25.39952	6.687789	11.69289	9.586868	12.13803	8.665928	18.45165	23.96123	8.519876	18.28516	19.61413	11.16104	24.62442	13.97125	16.4194	11.51329	21.70753	9.280922	20.31011	35.51059	36.03727	27.68187
CUST_14329_PI429010886	N32704	0.005989793	24	15						17.67403	16.65693	15.33773	19.84536	17.30194	8.988284	17.54652	19.52016	22.30617	17.87345	23.81043	26.99058	23.32054	29.43649	22.261	25.46423	21.00454	22.37256	17.16197	34.1106	30.31994	31.03967	24.97563	13.10871	16.41382	15.97275	20.44483
CUST_1110_PI429010886	N8525	0.005989793	24	0						147.7951	129.6764	125.8242	122.7221	121.56	125.5382	120.4478	121.4525	123.2141	102.9977	109.6043	94.93084	146.093	97.45374	104.0803	129.7428	144.2441	115.4156	109.4907	115.1501	57.8755	126.4673	112.6108	109.7081	126.1085	140.0577	123.2485
CUST_38641_PI429010886	M28764	0.006003698	18	3	121484199	cuticle protein CUT8 [Portunus p	Signal transduction	Other	2.27E-32	33838.77	951.856	33304.41	48051.75	35445.2	40915.77	2855.927	5110.752	5777.198	29520.35	51875.49	37427.64	34286.52	26129.84	44511.54	798.0084	735.2877	760.7688	10764.25	7621.268	12939.25	40415.13	37213.84	50560.8	11138.2	21398.95	30447.23
CUST_33014_PI429010886	M5727	0.006005077	24	18	157130417	serine protease [Aedes aegypti]	Protein metabolism	Proteolysis	7.07E-27	9.015243	14.41667	12.07005	4.09305	NA	4.203167	13.68928	9.089798	18.02378	NA	9.781107	NA	16.40534	15.53957	9.654225	28.53702	12.0989	13.79793	63.13263	14.81286	14.98175	11.91866	26.63139	17.38916	8.913392	15.07768	10.66525
CUST_36762_PI429010886	M16777	0.006008762	15	6						22.44233	19.23624	17.41278	21.83061	18.13556	9.622741	25.39744	46.6272	43.90368	42.80558	36.05612	25.54219	19.38387	34.50101	26.24865	21.13533	22.58797	24.25396	27.79642	24.53994	37.62384	29.70619	36.85694	34.84184	20.66998	31.94938	45.27328
CUST_41668_PI429010886	M58269	0.006013525	15	3						22.34605	20.66314	14.26253	69.77207	30.36663	31.71101	25.77169	8.355006	7.295483	6.919048	11.41802	5.220991	16.2936	NA	4.936239	7.254794	NA	NA	92.36671	31.53193	49.99479	7.02166	17.0028	28.87134	30.11519	31.22451	33.19846
CUST_46024_PI429010886	M71100	0.006021245	21	0						636.9918	696.7992	530.1492	493.0213	390.0801	320.4829	638.835	297.4214	421.3144	481.3104	300.4795	454.3052	474.3448	256.3549	354.0991	413.6069	472.9954	488.3385	513.2014	318.5699	608.6613	622.7305	575.1095	580.117	611.6853	279.305	706.8768
CUST_54395_PI429010886	M105851	0.00602903	12	6						16760.98	2175.86	16622.26	2324.95	17487.6	15340.52	27153.68	256113.2	280025.82	21922.49	11246.8	14794.99	21334.13	17287.24	17388.01	29913.48	23435.22	14435.16	26058.28	6859.59	26491.1	17061.92	22846.98	25343.01	14071.14	22946.38
CUST_33653_PI429010886	M7515	0.00603903	12	6						160.3612	149.4831	136.983	242.2514	279.9809	234.322	368.5924	247.1999	284.6216	145.9095	193.7855	152.2628	188.2604	224.5032	198.9127	278.6422	174.7505	250.6739	283.4149	251.1468	338.8265	200.6783	280.6592	184.3342	262.04	211.1114	223.6033
CUST_35105_PI429010886	M11596	0.006003307	24	15						124.2158	203.6222	182.8746	162.4812	150.2816	145.3183	184.3599	249.1319	195.0025	187.8778	152.3049	134.3589	196.0115	185.2204	185.6007	229.8852	300.4274	251.3778	165.7121	219.7679	211.3776	135.0936	221.7013	166.3221	213.0483	193.7362	179.4021
CUST_32247_PI429010886	M3624	0.006003307	24	15	498532503	C-type lectin [Procambarus clark			2.06E-18	77.08874	100.8307	82.56422	88.12342	80.62092	73.7433	92.84934	83.43947	97.14951	126.6022	88.95701	113.5235	102.2726	96.65486	87.26779	170.2213	167.3552	145.0969	141.0115	71.04436	103.616	96.35679	76.68447	101.4138	116.1062	92.03434	151.4662
CUST_48134_PI429010886	M79039	0.006003307	24	15	380023724	PREDICTED: Apis florea polyubiq	Cellular Process	Cell cycle	3.2E-88	592.4023	1188.558	789.3467	640.2875	844.8862	612.3531	889.8299	947.6406	850.2576	1048.117	606.9823	760.24	624.019	999.9612	677.2359	1201.71	1314.02	1412.941	979.3611	1038.87	939.9518	900.553	864.8838	775.9607	906.4938	1013.822	625.9001
CUST_51115_PI429010886	M92261	0.006003307	24	15						287.4579	614.9534	450.1126	328.3409	347.5429	331.2753	410.2255	518.2326	463.1658	385.3052	443.191	391.5717	357.2181	423.4844	403.7519	553.5806	615.2672	696.7992	471.9849	471.3761	645.7283	308.6292	447.8863	483.6608	423.3824	376.0943	501.5231
CUST_2346_PI429010886	N12153	0.006003307	24	3	270161184	i-type lysozyme-like protein 2 [P	Metabolic process	Carbohydrate metabolic process	1.06E-43	9392.481	5587.034	8061.991	10156.68	9257.227	11030.98	5769.472	8683.686	6240.674	6255.734	6421.864	6642.147	6649.946	8284.715	8818.425	5209.792	4503.776	4234.05	5317.598	7632.364	5144.706	8051.463	7484.678	7704.294	3683.886	6780.642	5718.956
CUST_6214_PI429010886	N19783	0.006003307	24	3						1753.571	36.73639	1791.446	1862.343	1505.771	1825.053	58.9878	55.71616	40.86304	198.7013	948.407	870.6321	289.3915	1506.647	1493.774	39.12428	31.31216	38.52874	43.35728	49.08263	34.08501	442.3593	126.1993	408.5695	50.22	89.08902	119.4286
CUST_8735_PI429010886	N23498	0.006003307	24	15						18.97114	56.15422	32.49678	20.00439	18.45917	18.09857	45.74936	42.57027	42.92652	45.54022	37.40599	34.93669	45.84356	21.57883	27.51681	40.06052	53.9367	59.74362	36.514	40.46925	49.60146	31.30932	28.85513	39.61156	37.19071	33.11195	39.579
CUST_20110_PI429010886	N42829	0.006003307	24	21						49.7367	19.21337	59.43938	43.86995	29.41321	23.53208	27.75069	42.62368	40.27208	23.15983	35.0005	17.78243	82.51294	32.19586	26.92758	26.41747	33.05472	32.98843	52.53638	35.85546	25.14815	74.4166	64.51751	54.91706	39.20662	41.02997	40.70597
CUST_26296_PI429010886	N54008	0.006003307	24	15						237.8029	244.6993	153.1648	151.3538	101.0257	145.9321	313.4133	247.374	356.9618	332.5739	123.0024	185.084	274.0413	185.6261	157.0068	344.4073	288.8335	302.8616	263.4946	221.0264	286.2998	190.2455	210.955	162.6193	224.2516	210.0927	225.9127
CUST_7042_PI429010886	N20954	0.006034669	24	15	443695700	hypothetical protein CAPTEDRA	Signal transduction	Other	1.26E-74	522.3491	549.069	607.3706	743.0295	769.8174	618.3282	670.6338	540.438	653.5411	618.7694	516.3556	621.9301	703.9211	586.1434	632.1075	764.7593	707.1593	1010.854	518.9718	537.8527	635.1199	503.6798	661.1838	665.59	415.8814	441.0424	466.8411
CUST_13202_PI429010886	N30774	0.006037167	24	15						17.07418	20.19245	20.85079	16.24433	15.81904	9.408973	23.09778	15.33433	4.464401	43.43371	19.72473	25.98049	18.7507	9.890547	17.17227	31.17639	21.67982	30.00507	23.63019	24.97351	28.89254	24.67085	16.96246	27.68431	29.57468	14.46804	22.71992
CUST_34515_PI429010886	M9896	0.006065614	24	0						45.93656	64.47129	53.4446	37.64453	30.72933	37.17438	36.42929	25.06028	45.36304	23.06154	36.33342	24.55645	40.5192	31.99205	50.85543	39.86153	50.26083	51.1596	39.56727	32.44579	36.61868	50.26083	38.82583	39.10373	57.47701	39.67832	43.11409
CUST_3080_PI429010886	N13751	0.00607433	18	15	195997716	Trichoplax adhaerens conserved	Protein metabolism	Other	1.83E-144	218.2535	304.2261	223.8255	198.2176	225.2142	190.829	292.1626	317.1978	227.2502	253.1919	240.7581	242.5947	256.2294	198.4091	120.1066	260.2914	363.6624	334.5246	202.1125	244.8381	232.2882	127.7621	204.2969	225.9127	229.3211	237.0906	181.6282
CUST_5262_PI429010886	N18465	0.00607433	18	3	526195870	hypothetical protein H072_8992			3.91E-10	1469.262	466.0849	1563.253	3175.147	2589.848	2327.901	374.4283	435.8605	387.048	2799.9	2156.524	2640.776	2645.058	1346.991	2430.729	309.4924	355.686	251.2891	575.8046	678.5721	678.0803	3095.903	2388.437	3611.195	538.8011	1187.586	1604.089
CUST_1559_PI429010886	N10073	0.006087506	24	21						17.18571	8.956638	31.8633	16.23526	NA	8.707003	NA	3.545145	5.793138	10.42743	8.445011	NA	17.34666	8.744802	4.160011	14.28325	11.56593	23.20911	5.096629	6.162609	5.795835	41.45634	23.86617	33.52669	16.64399	7.693398	18.48189
CUST_2181_PI429010886	N4477	0.006089082	18	12						8.423762	6.049144	NA	NA	8.594232	3.532397	3.861538	8.085032	14.09547	9.395362	6.674088	12.52146	8.985774	10.441	9.104193	5.252207	11.97777	4.886621	7.540058	4.524122	5.906938	NA	3.351717	7.345045	7.156045
CUST_30920_PI429010886	M218	0.00609006	24	15	91076896	PREDICTED: similar to upheld CC			3.32E-67	453.0125	775.0084	631.0985	474.5724	695.8214	446.3323	471.8286	629.8536	567.5384	472.8686	496.2739	549.989	520.4605	754.2071	505.9666	765.466	1063.435	1399.933	554.6469	706.0661	892.4292	484.1868	860.5197	877.3403	526.4775	597.5894	523.8156
CUST_53845_PI429010886	M103400	0.006105758	24	15						83.91692	130.5163	91.80105	93.04693	67.03577	78.94493	126.7896	125.6161	130.1383	132.0014	99.57709	69.35987	108.4697	89.80371	73.84495	153.8823	116.6092	157.4566	110.4251	105.5804	112.9324	112.2221	93.31746	96.39493	107.6017	96.14621	99.31589
CUST_39662_PI429010886	M42387	0.006105758	24	3	68486571	questionable orf [Candida albica			2.47E-10	5172.899	49.58749	4224.791	6543.051	3847.793	5304.997	95.56729	126.3605	85.19452	4027.931	1765.847	5357.194	1208.723	4719.533	5833.315	16.26708	30.91451	42.90092	83.55746	186.1038	81.5975	1649.981	569.6083	1516.421	231.8452	455.7266	443.0968
CUST_45518_PI429010886	M69362	0.006105758	24	15						24.25396	43.53777	41.41215	29.61912	21.93034	32.64017	34.1415	32.60314	51.81269	38.46589	37.88233	40.9561	37.04481	32.57817	28.18989	50.98858	61.49211	56.32436	42.5786	43.84747	48.08963	40.35645	38.14824	54.53868	47.96813	38.18648	54.25064
CUST_34191_PI429010886	M9012	0.006105758	24	15						449.9406	466.9715	475.9252	427.5284	337.6329	391.7638	505.9666	422.5065	367.4917	537.7378	422.7276	465.3594	503.1242	356.6938	500.1661	602.7354	594.442	576.0861	590.6124	391.4124	531.8423	594.6179	510.9141	549.5192	573.4698	484.1868	636.7343
CUST_4403_PI429010886	N16686	0.006105758	24	15						22.18889	28.88967	20.59574	15.37929	21.49662	22.34874	29.82341	20.46917	27.89685	31.11011	22.0686	24.03468	29.22669	25.76307	24.71116	30.99121	24.55123	34.65363	23.95576	30.3832	30.13995	31.41185	26.96013	23.83774	28.84319	23.02558	29.40702
CUST_5569_PI429010886	N18886	0.006105758	24	15						97.64083	149.578	122.3466	91.04847	70.94231	76.96435	101.1304	117.7279	117.1403	142.0207	89.05929	117.3396	120.7872	93.92415	111.6045	136.314	172.2349	128.1605	128.4025	105.4159	124.2797	100.4112	128.0247	107.6017	120.3588	117.0136	159.2709
CUST_8990_PI429010886	N23897	0.006105758	24	15	405950156	Exosome complex exonuclease R			8.27E-48	187.6789	239.9273	180.9657	164.2936	150.8283	137.7481	228.8663	233.5329	270.6292	206.1814	187.1971	246.6369	178.863	222.7248	182.5355	237.366	310.0635	353.1568	215.748	247.1564	214.3188	161.5503	192.639	206.2484	204.6434	207.1407	238.6215
CUST_9228_PI429010886	N24269	0.006105758	24	21						17.63035	31.54041	28.4048	20.44056	20.67603	13.26937	18.9132	24.46439	24.65812	21.26818	17.61709	19.94017	29.1953	20.465	24.6637	18.67811	22.142	33.83079	24.55645	28.23103	23.45708	29.52349	31.47125	30.99993	25.56181	38.32731	32.65194
CUST_29250_PI429010886	N59468	0.006105758	24	15	194270637	nuclear receptor E75 protein [Fe	Signal transduction	Other	1.22E-20	117.3396	146.953	74.6809	97.64083	60.14723	73.06306	183.4518	132.6978	128.1975	112.1293	102.3362	100.3986	94.7749	138.8443	100.2259	259.1236	167.5904	180.5334	160.2439	120.7872	111.4113	94.76517	123.9222	76.5633	120.3932	113.015	105.2262
CUST_1423_PI429010886	N9588	0.006105758	24	15	222875570	selenium-dependent glutathion	Response to stress	Response to oxidative stress	3.14E-78	683.6777	1898.75	1165.385	727.7655	696.7992	642.5938	1643.622	1403.719	1557.736	714.9939	935.0962	765.7762	1079.142	742.4077	911.4252	1473.47	1941.997	2240.494	1799.736	1160.436	1584.461	1039.627	1231.406	1012.891	1225.977	967.7143	1284.957
CUST_36612_PI429010886	M16351	0.006110738	24	21						NA	21.74621	12.10084	9.723255	9.933103	8.928675	7.480571	10.41528	5.891833	10.16018	9.886318	10.57446	14.43423	6.508862	12.88584	7.482905	23.37894	37.41529	19.55073	12.13039	14.21449	14.89626	18.03645	13.89421	4.661173	13.73044	18.81173
CUST_34203_PI429010886	M9051	0.006113587	24	18	321466121	hypothetical protein DAPPUDRA			1.96E-10	165.0428	264.1326	396.6952	136.3718	112.2837	6.413865	182.7293	197.1967	357.2181	193.9353	72.88356	134.0192	253.0838	128.1605	50.35761	186.2473	238.025	302.274	462.531	387.1258	681.5295	171.5864	226.4631	282.7416	244.6993	242.6247	654.7479
CUST_6960_PI429010886	N20837	0.006119091	24	3	241174483	conserved hypothetical protein [			0.000000733	29.29243	21.12553	5.712015	11.10164	116.3995	75.83949	36.54707	60.47985	15.69192	NA	36.06378	52.68841	10.25642	29.52588	22.20311	5.19356	5.367764	5.025678	16.63236	40.43868	NA	6.836029	34.08118	NA	5.528891	75.1848

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_508_PI429010886	N18243	0.006251133	24	15	321469650	hypothetical protein DAPPUDRA	Metabolic process	Cellular amino acid metabolic process		88.60558	107.1382	90.3488	63.54768	79.97607	81.28557	110.8072	102.5417	107.1233	101.2809	85.27841	109.4424	112.3401	50.59319	75.19367	155.2093	188.3607	130.7693	121.9689	80.24873	118.5289	97.18377	117.3251	69.112	120.513	93.37419	78.40447
CUST_5868_PI429010886	N19313	0.006251133	24	15	157115862	leucine-rich transmembrane pro			5.39E-20	429.0423	682.5361	499.8092	446.2058	364.3837	413.2217	697.9099	597.4035	557.8175	710.1661	439.7541	565.6114	665.1463	521.206	453.8518	748.709	620.7278	678.0803	546.8689	660.6448	615.9354	551.0918	530.6367	505.0907	670.9198	524.2711	583.9375	
CUST_915_PI429010886	N7816	0.006251133	24	15	183397235	innexin 2 [Penaeus monodon]			9.07E-18	3907.106	8547.585	5304.907	5144.706	2183.114	2539.976	9804.488	6368.381	8061.691	7966.321	3284.994	4988.039	7794.971	3522.391	3721.413	7886.531	8146.369	9712.243	8773.793	5317.598	5678.164	6734.459	6710.162	5402.577	8362.147	
CUST_33360_PI429010886	N6683	0.006625127	21	3						294.7488	256.0394	275.7517	115.3398	1864.874	1753.571	127.7854	360.5101	107.3799	NA		1468.759	1452.249	NA		92.0137	482.4747	24.14912	15.65963	7.869717	10.42021	544.0973	9.331963	16.74981	142.1072	35.33106	NA	1767.886	NA
CUST_21644_PI429010886	N45576	0.006255711	18	9	332016241	Lin-9-like protein [Acromyrmex			6.02E-30	NA	4.728836	6.525596	3.354922	5.785239	8.324734	13.38177	4.748557	NA	11.84866	8.252165	10.7714	6.566709	7.439921	NA	6.220036	6.006861	12.01431	5.001528	4.351926	6.947668	9.50239	3.799167	8.086218	8.848966	10.44258	10.60534	
CUST_32943_PI429010886	N5531	0.006263675	15	0						37.23401	38.413	26.92758	26.08093	25.37982	21.45062	22.24587	36.36056	25.02074	25.75202	30.74237	24.19322	30.51884	20.0391	30.59603	33.15012	32.13276	38.6867	25.95165	32.06918	26.88893	19.13763	24.33371	30.90184	13.50493	29.84354	20.08859	
CUST_51441_PI429010886	M93544	0.006266427	24	15						15.63697	7.05762	12.65731	7.095312	12.88736	9.913032	11.62724	10.72225	11.04387	42.92948	9.92008	19.75521	15.74279	12.79751	22.56644	29.46646	13.25797	22.52707	16.3304	14.99981	15.9967	22.9969	16.15698	21.59961	21.38839	13.17618	15.68854	
CUST_40871_PI429010886	M56268	0.006271372	18	3	242007036	class B secretin-like G-protein cc	Signal transduction	Other	6.78E-59	139.7162	118.702	107.3485	150.1329	139.9317	132.4508	110.0417	130.415	141.1811	132.9353	183.0682	100.59	146.4225	107.2361	92.88966	85.2914	125.3758	75.264	88.59515	100.59	61.15687	150.0907	180.729	132.7314	117.1403	145.139	131.8408	
CUST_52712_PI429010886	M98593	0.006276668	15	0	339233402	conserved hypothetical protein	Cellular Process	Cell cycle	7.37E-42	9.939018	9.697101	11.52497	7.956098	7.093434	5.350473	NA	5.21464	9.029102	7.821834	3.085787	NA	NA	6.327914	6.660555	8.135191	12.9826	11.47222	4.756073	5.708684	9.164016	3.366669	3.75717	6.112777	11.59198	10.18923	7.228642	
CUST_30892_PI429010886	M124	0.006286225	18	15	332374616	unknown [Dendroctonus ponde			8.46E-58	816.314	1616.307	823.7754	709.2377	583.9375	587.5636	1234.557	964.6221	926.6453	1000.348	625.6951	823.2974	839.3829	666.0922	814.573	1601.274	1682.203	2042.326	1151.33	808.5577	1167.815	720.5302	814.573	787.5865	1171.1	882.2277	1077.231	
CUST_39264_PI429010886	M36900	0.006286225	18	6	225712016	Cuticle protein 6 [Lepeophtheir			2.62E-19	16348.66	14743.32	24825	20271.85	11695.66	3532.198	29949.84	25463.11	43701.56	16411.2	27153.68	14338.96	36195.31	14764.65	15942.89	3988.54	4847.527	7316.568	32295.88	29520.35	48252.93	28943.19	34065.02	26987.8	40415.13	30821.46	62699.58	
CUST_46912_PI429010886	M74147	0.006286225	18	15						383.2384	385.6874	382.4457	362.0388	352.1552	303.3581	465.972	334.1482	489.8482	441.7626	345.8925	473.4786	413.108	348.473	393.7655	558.2968	494.0593	604.8923	390.6122	322.1601	368.7646	323.6649	346.2958	379.3272	483.7942	352.8944	448.0132	
CUST_41226_PI429010886	M57179	0.006294894	15	9						36.20921	41.17309	36.06722	42.31229	47.79939	43.93243	27.39507	34.35444	33.26748	52.01796	76.45795	64.59327	54.0024	44.10093	55.7791	55.40345	34.08743	48.56908	36.98315	41.03792	35.55503	53.95129	49.48225	45.91529	53.04738	65.37786	57.74953	
CUST_2425_PI429010886	N12319	0.006294894	15	6						40.82956	45.42128	30.30161	88.75	60.25895	66.74201	55.23799	53.21446	78.46823	63.0922	37.1161	58.19693	66.04384	45.4532	56.57499	55.39639	52.92831	39.54209	87.20964	52.52723	49.96679	95.27189	90.41336	88.6659	48.65167	70.36913	40.27208	
CUST_52087_PI429010886	M96372	0.006304574	12	3	307176782	Probable E3 ubiquitin-protein lig			1.19E-83	16.62267	6.930237	10.85699	15.91258	10.98917	25.15651	10.15066	10.79953	9.45412	10.73905	9.260771	7.052579	7.740604	5.786969	10.22339	13.87312	13.16987	10.97416	19.60068	NA	14.31582	8.064044	9.061533	4.758462	17.51582	9.973024	12.15359	
CUST_38506_PI429010886	M27519	0.00630516	24	6						87.74995	310.4859	184.5623	175.317	44.96721	75.88424	1978.294	213.5938	1242.354	299.2328	114.5333	214.3618	1478.028	885.8693	97.58001	60.90419	169.8611	151.6707	13.64057	59.87629	63.72422	35.37225	108.0685	84.1875	47.18014	16.60777	48.19549	
CUST_1908_PI429010886	N11038	0.00630516	24	18	345329480	PREDICTED: RRP15-like protein-l			5.87E-16	99.26059	159.8296	104.9085	111.7011	82.42776	50.47426	147.5974	108.8896	92.23687	112.7172	71.6009	104.0674	136.9442	94.95617	98.57909	109.0861	143.4022	161.1965	138.0928	152.0064	129.6764	115.1318	135.5176	122.4178	82.46867	102.1346	117.4669	
CUST_49118_PI429010886	M84190	0.006306574	15	9						54.84874	6.913289	64.50416	14.17028	32.91719	39.47125	67.81869	69.16015	57.28678	80.37006	78.81902	NA		146.8225	66.04384	72.95425	47.54634	18.5449	30.06311	99.1481	17.95668	38.89794	80.96563	75.53689	7.287837	172.7187	55.59367	135.9631	
CUST_43_PI429010886	N174	0.006319738	21	15	226731904	C-type lectin 13 [Perca flavescen			4E-15	102.722	102.8659	111.0646	148.1737	123.354	139.1547	410.8005	405.6944	491.2558	569.3405	367.0194	74.82596	135.8226	132.6428	95.30674	1212.026	413.2117	851.8736	267.9409	451.0149	414.325	169.2197	69.6714	97.32812	268.3054	50.93191	160.1548	
CUST_14057_PI429010886	N32263	0.006321723	24	15						9.190116	21.85917	20.54806	7.353952	NA	8.545551	17.52792	15.64904	15.54937	24.45381	10.4597	14.44158	35.26461	14.69878	17.50753	25.81706	17.89974	32.22292	15.68492	17.33539	23.25083	26.29812	15.32337	28.53195	14.29901	11.18862	21.17165	
CUST_57129_PI429010886	E1279	0.006323821	24	3	7008007	D9B [Marsupenaeus japonicus]			3.86E-18	8846.332	344.0704	7007.731	13591.98	7714.571	11763.32	314.1834	650.5235	255.9552	10966.45	10506.53	10683.23	5693.503	9301.136	10260.07	94.54537	138.3923	216.4068	466.0849	840.6574	478.9906	9041.082	4101.099	7203.647	337.8262	2650.032	924.7313	
CUST_37727_PI429010886	M21270	0.006323821	24	15	506965393	40S ribosomal protein S10 [Copt			7.26E-48	10641.47	16874.05	11932.74	10966.45	9410.039	10053.8	15340.52	16014.56	15526.29	12141.91	10156.68	9684.529	11052.65	11998.69	10408.52	17167.45	16070.74	18715.71	12359.97	15871.24	15258.82	9013.443	13559.72	11998.69	11822.99	13135.1	13193.16	
CUST_32724_PI429010886	M4937	0.006323821	24	15	54400676	ORM1-like protein 3 [Danio rerio	Protein metabolism	Regulation of translational elongation	3.53E-52	120.0673	126.6958	100.4907	107.6151	87.71525	113.1748	124.5521	140.0779	120.4309	111.7284	93.01673	126.327	125.4154	83.84766	137.1639	205.1165	169.2478	184.6434	133.8226	117.5696	142.9419	129.2736	115.5552	158.6448	144.7781	116.1322	194.4274	
CUST_40277_PI429010886	M52382	0.006323821	24	3						2803.748	37.93869	1535.771	4069.14	882.793	3033.527	23.23737	89.54662	54.1566	2575.646	2098.966	1906.005	1508.513	1429.079	1590.527	8.742604	19.24274	10.33053	108.9605	116.6925	80.47316	2038.003	1028.813	1152.159	116.1822	440.5339	268.3054	
CUST_40826_PI429010886	M56182	0.006323821	24	15						857.1902	1751.317	886.9505	1024.289	802.4687	914.5652	1666.041	1396.628	1289.967	1179.914	940.3723	1031.076	1299.503	1062.767	1069.78	1807.527	1945.845	2041.036	1294.853	1040.528	1345.742	950.7112	1055.851	1189.941	1447.815	1164.205	1221.709	
CUST_4639_PI429010886	N17187	0.006323821	24	3						81.70379	61.16761	70.22094	66.79456	239.9273	139.7386	82.20662	49.96679	50.55101	50.0131	197.4226	142.5641	81.42279	93.29743	111.3237	45.76238	45.85631	39.88527	64.06806	56.60172	53.14113	67.08754	74.39469	44.34431	94.38205	66.21459	53.49041	
CUST_5735_PI429010886	N19123	0.006323821	24	15						157.8871	274.7682	211.1406	153.8823	126.6022	107.7528	219.3222	192.0736	211.5442	237.3259	161.3159	176.7718	197.2974	147.5021	192.0309	267.9409	276.9413	293.568	224.888	200.4116	263.5563	171.5325	171.9376	233.6058	222.4375	179.7279	310.0635	
CUST_5787_PI429010886	N19197	0.006323821	24	15			Protein metabolism	Cellular protein modification process		675.5044	1059.201	744.7409	505.6819	560.8143	486.8888	577.8423	791.0912	738.5083	555.2007	617.6234	931.5266	563.8477	735.2877	655.4746	844.4833	1140.807	1094.513	773.969	822.6543	749.8532	602.5729	761.0743	852.5352	789.0657	792.067	850.8759	
CUST_14814_PI429010886	N33513	0.006323821	24	3	9186884	BCS-1 [Amphibalanus amphitrite			1.47E-16	632.4923	138.4795	667.6928	874.1945	1574.714	1711.883	98.478	243.2347	75.94639	242.833	931.8674	854.7576	126.8065	830.7266	949.6232	84.45149	73.4442	49.95516	59.12156	431.7294	74.25196	175.8219	252.989	215.2625	35.20827	557.036	127.3065	
CUST_15514_PI429010886	N34704	0.006323821	24	15						231.2123	283.5165	247.6161	206.4541	171.4108	161.2674	323.2809	263.5563	302.7218	279.9809	192.6977	210.5038	287.0864	206.2842	206.0093	334.3239	368.4918	404.8745	301.4906	267.6236	345.674	217.4779	253.9087	268.9316	726.2724	226.2788	329.015	
CUST_23260_PI429010886	N48527	0.006323821	24	15						19.11039	23.69696	41.1635	19.17715	19.67391	23.02109	25.01557	30.10418	26.6719	35.36195	25.29384	33.37664	26.68521	24.78664	26.346	37.12091	38.04316	42.35625	30.15331	20.05017	37.632	42.29499	31.61624	28.75654	34.25718	21.79685	36.19278	
CUST_28573_PI429010886	N58209	0.006326239	18	3						9.370822	12.56491	12.43497	10.64424	NA	NA	19.43702	11.09925	17.44773	23.05545	11.69458	9.755769	22.43976	NA	7.596603	4.949676	5.182324	4.417312	14.86691	12.13241	21.65484	15.21906	25.02902	26.47281	28.08693	14.14112	16.95258	
CUST_30142_PI429010886	N61250	0.006329692	21	0						59.8943	55.28754	64.39747	42.45638	43.45077	40.98047	28.82648	35.00336	31.22862	57.98315	47.43208	51.27142	45.2017	41.68317	42.64535	47.38682	43.42575	44.79025	45.19064	46.62193	35.02108	67.16357	48.88152	64.65354	67.37607	46.46695	73.39823	
CUST_467_PI429010886	N5465	0.006341004	24	15	84043336	Fenneropenaeus chinensis calre	Protein metabolism	Protein folding		7439.177	14470.28	8417.477	7058.228	4229.758	4976.553	15526.29	12765.38	13812.43	10017.83	6575.891	7303.286	9013.443	7147.632	6567.976	15367.74	17771.79	16580.62	12211.42	10337.3	13078.51	6343.146	7794.971	7695.811	11413.74	8547.585	9129.704	
CUST_39124_PI429010886	M34919	0.006356233	24	15						481.6057	413.8083	440.4248	1298.646	853.719	786.3486	1684.207	1075.462	2133.67	257.956	2064.359	485.5854	2180.402	2104.842	1988.355	429.2022	2088.583	1020.366	388.382	460.5882	339.5657	238.3483	957.3975	832.5964	314.5002	572.1963	722.1173	
CUST_40559_PI429010886	M55457	0.006356857	18	3						1577.055	815.4763	1649.252	7518.482	8605.765	9980.233	593.0437	1559.979	1762.47	6543.051	8683.686	10156.68	5073.866	7937.877	8160.518	429.4693	195.7159	502.0555	5451.324	3033.527	4616.026	8135.669	10897.12	13078.51	2541.875	2185.802	3731.866	
CUST_45038_PI429010886	M67802	0.006359647	18	0	123316129	Portunus pelagicus actin mRNA,			3.53E-56	47.80868	50.1877	39.75997	51.74535	49.57184	32.58198	46.48748	36.58388	35.83339	36.65135	36.3567	31.53193	26.80971	49.14925	30.37143	34.00502	47.79939	33.99771	56.28495	52.83788	52.86067	39.41926	41.82104	34.21691	53.79961	37.75646	31.44182	
CUST_41148_PI429010886	M56989	0.006362421	12	0						14032.06	NA	10587.95	2711.745	1291.096	1625.527	30.91451	15.94507	17.44435	303.1963	723.3991	609.0112	2893.96	1471.771	3397.779	29.94161	26.66045	8.218417	13.20883	12.56182	13.38008	7415.157	75.45664	5840.985	6.453374	NA	NA	
CUST_22536_PI429010886	N47201	0.006376772	21	15	345481600	PREDICTED: hypothetical protein			2.33E-56	223.8255	201.229	167.7409	258.3703	180.729	298.7578	441.7626	225.8314	214.2511	362.1172	208.8662	313.6779	329.3072	187.8136	317.9491	708.4537	284.9168	541.3579	273.1848	111.0363	231.9279	215.5592	101.1475	210.2639	281.4085	231.9279	150.9904	
CUST_42847_PI429010886	M61406	0.006382882	12	3						121.8684	113.5928	131.8067	173.0814	155.7485	152.2217	141.8433	131.4985	146.2169	140.9438	100.3493	83.87393	147.89	125.7647	133.8983	162.9942	207.9921	170.0456	125.6969	136.5009	166.6038	138.0571	156.2876	170.5634	136.7201	104.5953	125.5691	
CUST_24834_PI429010886	N51328	0.006395593	18	3						27.05424	28.2608	34.82138	48.09966	27.7842	24.50769	31.99902	22.12571	24.17495	38.51205	13.20883	41.92055	20.71687	21.57697	23.04915	32.86278	23.08008	23.85663	26.51323	23.65361	27.24917	47.15551	28.46788	49.10462	28.95792	22.6585	27.54194	
CUST_34528_PI429010886	M9921	0.006396508	24	15						233.2281	294.0637	255.4282	243.494	224.0655	213.2149	316.5315	268.3647	316.1661	297.3675	240.3468	293.0253	318.2644	225.4359	248.439	346.5231	368.2385	340.3327	314.4452	236.013	331.2753	294.0637	236.9699	318.7134	329.2075	267.8251	341.84	
CUST_5556_PI429010886	N18864	0.006396508	24	15						521.6397	1214.453	820.9036	608.8174	519.1671	580.7924	814.0506	884.3862	713.6664	1021.527	725.1557	737.8151	755.266	704.3483	603.3505	998.7674	1365.984	1295.587	740.2235	778.2044	851.8736	605.6304	825.7252	733.0037	714.0141	817.4569	815.7902	
CUST_27532_PI429010886	N56226	0.006396508	24	21						11.81016	14.96006	15.08699	12.44585	11.24141	10.22133	10.81386	9.738777	32.76221	10.19442	4.791983	5.896106	16.36594	17.2236	14.41667	16.16366	7.404706	24.53447	7.705814	10.94976	17.80604	14.82588	15.75335	19.74297	13.12827	14.04923	13.79883	
CUST_1382_PI429010886	N9459	0.006396508	24	15	314122335	Mus musculus DEAD (Asp-Glu-Al			1.57E-120	1553.379	3452.681	1931.709	1534.389	1534.389	1411.448	2586.608	3046.537	2846.594	2389.711	1873.347	2475.896	1818.148	2216.187	2037.287	3161.765	5197.224	4072.42	2281.476	2467.704	2842.045	1541.174	2332.204	2143.564	2338.958	2269.737	2816.959	
CUST_1506_PI429010886	N9853	0.006396508	24	15	219644788	Rimicaris exoculata 70 kDa heat				12886.71	26678.14	17453.24	15526.29	14703.33	15071.82	21834.29	22803.66	26403.54	18966.14	17658.04	13078.51	18673.37	18673.37	15847.39	32798.44	32184.55	32639.19	22895.57	24590.28	27832.29	15731.96	17388.9	18966.14	22895.57	22037.75	23820.74	
CUST_8163_PI429010886	N22630	0.006400761	24	15						12.17947	14.96774	23.45171	17.43071	26.2182	18.70643	16.59434	27.53743	18.49355	29.94161	26.86328	35.26837	34.13078	21.46595	29.21241	39.54209	31.74988	35.44329	37.57549	20.02577	33.24806	39.84392	28.16376	45.31745	29.6948	21.33315	24.18434	
CUST_1532_PI429010886	N9957	0.006400761	24	0						61.86512	61.0985	58.79928	63.68621	42.98408	55.7467	39.42679	56.42125	47.03106	57.8427	53.89331	41.57926	56.39944	42.41648	47.54634	54.33188	46.66198	48.38102	72.14124	51.25725	56.38972	59.81752	53.39865	54.99763	61.10664	56.21355	65.12931	
CUST_39150_PI429010886	M35302	0.006402968	12	9	493789484	hypothetical protein, partial [Lac			9.09E-08	6276.978	4403.488	6612.476	6710.162	3972.222	2928.861	7303.286	4705.762	7966.321	6116.36	9129.704	4388.629	9167.401	6298.27	3303.981	1926.392	3972.222	4058.337	4803.622	5271.495	6448.141	9167.401	10605.81	11339.63	4761.143	8086.369	11179.97	
CUST_16868_PI429010886	N36994	0.006402968	12	9						1905.86	844.8862	1996.25	20501.42	14256.4	19522.5	2211.381	3122.414	4439.592	26129.84	24909.79	21974.84	35022.2	10430.71	26987.8	18.52473	109.4578	325.1203	9516.402	6837.265	9194.226	36302.66	21834.29	30304.157	15900.37	19094.08	
CUST_51670_PI429010886	M9491	0.006405039	15	0	328899961	Procambarus clarkii clone pc-97	Protein metabolism	Ribosome biogenesis	1.86E-73	5777.198	6845.752	4715.833	5680.07	3667.762	4363.515	5507.513	6060.248	6913.964	4690.093	2765.552	3624.383	4719.533	4583.265	4185.629	7058.228	5671.62	8996.679	5233.044	6430.19	6837.265	5329.024	4513.062	5456.239	4825.163	4291.944	2942.677	
CUST_11164_PI429010886	N27371	0.006417013	21	6						1505.065	1602.983	1341.056	611.6853	22.7726	538.6242	3882.503	2998.296	1971.443	2795.798	1868.136	NA	NA	NA	NA	1213.608	2066.858	60.16049	12.10354	143.7147	273.556	9378411	1534.336	1189.428	294.6856		
CUST_1592_PI429010886	N10173	0.006418333	24	3						2260.134	49.02346	2224.156	3692.065	2064.359	3426.429	69.74823	429.9294	298.997	509.7706	392.253	394.6878	189.5124	312.3683	278.9665	75.76283	98.60183	138.3677	285.7364	364.4673	608.8714	1128.19	294.9139	771.7617	244.3091	9.44382	241.0144	
CUST_27857_PI429010886	N56824	0.006418333	21	18						133.4406	294.9654	298.3249	22.00575	35.68286	10.07945	85.40071	255.4927	136.9442	41.95985	7.784678	20.80428	102.9045	91.6714	101.1544	41.45022	35.89334	34.74447	419.1486	307.6702	539.585	87.86087	100.7337	68.46482	151.0875	95.97338	111.8609	
CUST_7154_PI429010886	N21118	0.006420852	24	18	156549734	PREDICTED: FAM203 family prot			8.25E-60	166.0779	212.7978	225.5545	147.3731	147.9113	124.2958	194.3971	179.7537	192.9642	158.2397	156.0931	172.6519	186.9781	162.099	170.7496	203.3258	205.7216	222.6813	203.5144	191.7677	208.2743	226.9579	157.2283	216.9264	197.8872	183.2355	177.2962	
CUST_14856_PI429010886	N33581	0.006425972	12	9						1585.44	11.40638	1762.47	2001.707	213.0483	1269.839	53.30473	112.0182	170.7874	4193.691	12317.37	2487.704	4910.228	208.1428	3269.912	5.742729	NA	20.66527	496.5813	400.146	504.0705	4288.608	3360.114	3899.124	517.1871	2975.418	4242.57	
CUST_11544_PI429010886	N27996	0.00642724	24	18						15.9251	37.7496	51.42591	23.24571	22.91325	13.76082	23.0638	30.00507	41.30394	32.19938	20.93451	NA	37.69822	28.04521	31.91659	33.04583	39.2334	35.17583	40.78485	37.51496	42.30272	31.25004	40.14947	33.80053	35.52825	31.33958	41.40683	
CUST_34254_PI429010886	M9176	0.006434724	21	15						4.846566	7.907113	NA	5.100826	3.576199	NA	NA	7.904365	6.523317	3.270319	7.180584	NA	5.016308	6.079186	4.319008	9.73754	9.15859	8.83019	8.568381	7.212205	15.95845	9.104193	3.494935	7.717206	5.176369	4.520414	3.169854	
CUST_38343_PI429010886	M25653	0.006437307	18	3						3208.57	313.739	3601.999	6999.724	2361.017	3565.017	522.4996	832.6018	1377.009	4750.447	8006.37	3161.765	6999.724	2184.345	3763.397	58.30071	34.59443	76.45034	2589.848	1871.7	2952.044	5992.677	9937.479	9041.082	4004.603	5872.99	8984.262	
CUST_50687_PI429010886	M90648	0.006464125	21	15	291223589	PREDICTED: carbohydrate (N-acı			2.34E-08	63.96849	119.7663	29.30404	124.9411	28.42785	89.39537	152.0785	113.9812	51.82749	132.8026	89.76967	63.18725	147.7749	155.0803	99.12783	251.4219	219.5694	184.3285	98.97699	36.4809	84.13391	42.66588	101.7595	41.15339	98.46402	120.6508	28.17546	
CUST_36769_PI429010886	M16802	0.006469196	24	3						111.1532	29.98295	73.17158	86.74668	202.2179	157.2999	50.19242	37.56185	19.29052	64.78842	70.90586	133.684	56.28495	61.36043	89.35207	20.16972	9.531461	14.99367	19.75896	71.54776	11.92894	82.85507	45.33911	107.5502	33.0209	49.28164	41.13599	
CUST_3324_PI429010886	N14265	0.006469196	24	15	443734659	hypothetical protein CAPTEDRA	Protein metabolism	Regulation of translational elongation	6.51E-38	10550.02	14439.79	9211.498	9613.776	9345.369	8945.499	15045.33	14670.24	12043.33	11112.95	9211.498	9980.233	10852.86	10448.35	8484.924	15705.46	16580.62	16491.53	11455.94	13790.46	13790.46	10156.68	11264.76	11413.74	11881.91	11206.93	12860.58	
CUST_11853_PI429010886	N28515	0.006469196	24	15						83.9852	105.6776	97.07924	65.70417	66.95538	65.09533	71.70119	102.7889	102.1108	102.9161	101.0612	84.02947	93.30975	81.32217	78.33954	115.9507	124.1913	151.9667	103.9866	74.95343	73.66383	103.0566	80.47316	117.8448	99.61307	96.45691	96.37995	
CUST_21075_PI429010886	N44580	0.006469196	24	15						68.10466	79.81483	117.5547	87.38427	77.61728	70.50377	108.374	99.4113	124.9756	103.4513	111.9654	89.26977	128.1168	91.05781	106.2416	130.4316	149.9991	130.8147	76.96435	121.3126	136.296	110.8559	121.7034	136.103	103.1963	122.8067	159.9313	
CUST_1164_PI429010886	N8712	0.006469196	24	3						15767.9	70.89953	14389.61	13906.34	19287.83	19010.63	109.2373	303.7619	192.6977	9179.508	15900.37	19791.01	6410.91	10127.21	16491.53	15.81757	13.70744	80.00199	346.1134	923.4428	574.2528	10835.48	3390.028	10835.48	520.6655	2595.878	2440.627	
CUST_55312_PI429010886	M109528	0.006479193	12	9						418.1662	63.03163	396.9028	145.4304	27.31187	136

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_27566_PI429010886	N56285	0.006686572	12	6						4.903455	8.542873	6.420652	12.08298	12.84299	7.141342	4.26876	14.64332	12.1921	11.98443	2.954576	10.36406	5.460737	NA	5.140584	12.12627	10.20394	8.041645	18.33289	NA	14.2562	11.13493	7.717206	9.398999	9.313657	4.38328	9.568695
CUST_47810_PI429010886	M77692	0.00668783	24	0						33.51959	35.43409	25.41498	34.92878	17.62607	23.90042	59.69831	27.702	29.99314	22.37507	16.73896	19.33949	15.82642	19.30987	10.18329	21.03874	25.27502	22.97146	16.16065	14.91026	17.32449	18.70388	28.53464	17.4076	25.13996	25.85498	24.51492
CUST_57286_PI429010886	N56285	0.006686572	12	6	461857	RecName: Full=Chymotrypsin Bl	Protein metabolism	Proteolysis	1.07E-45	NA	NA	4.756073	71.18779	NA	46.57945	599.566	NA	412.5149	115.2129	64.03123	NA	19.26106	48.22901	20.37769	87.29348	NA	87.61045	435.8605	1711.15	2696.535	144.8287	NA	117.7735	486.0305	69.62329	341.0171
CUST_52731_PI429010886	M98696	0.006703027	21	9						7.545184	5.627759	7.035061	11.01662	10.88552	7.702073	14.76151	14.01651	14.27002	14.84471	12.14425	15.62926	15.13397	6.588475	12.9826	12.54285	14.81286	9.295776	10.53196	18.83233	10.71849	17.05355	9.628869	7.511244	10.49395	7.552026	18.15454
CUST_46947_PI429010886	M74264	0.006703412	18	12						34.75696	33.56251	39.26035	50.10507	34.65363	42.0926	48.12354	38.07838	41.33036	53.14759	39.21711	38.33655	57.10009	40.2252	47.03106	46.68552	43.16345	55.49194	33.0209	23.49323	27.56589	47.10689	36.74386	32.96215	50.47099	40.50202	42.78489
CUST_9937_PI429010886	N25439	0.006704696	24	15						12.99289	11.33539	NA	5.342246	8.137599	6.666981	5.2497	12.51148	6.848153	77.9206	18.75482	13.29816	19.92667	13.40595	18.86536	23.02558	22.20755	11.988	14.45063	6.721195	11.73655	26.00178	11.03403	15.47146	NA	8.49758	15.24733
CUST_54533_PI429010886	M106412	0.006707516	18	9	260810893	hypothetical protein BRAFLDRAF			0.000000299	18.89336	12.96468	7.234885	5.272947	NA	4.249699	NA	9.710211	NA	NA	15.97652	14.24201	9.874092	12.95701	NA	7.343689	5.491771	10.16018	NA	9.342102	10.14167	5.489262	4.861279	NA	5.35265	10.46773	11.0285
CUST_29009_PI429010886	N59020	0.006716831	24	3						609.6218	44.26795	501.7792	963.73	1181.431	1143.807	37.86516	158.5618	34.69476	318.6428	1559.979	1276.272	195.8396	899.2992	806.2686	7.391099	NA	14.14657	26.54115	180.0776	22.75502	332.1692	191.082	266.8703	26.58017	311.9509	42.36924
CUST_1998_PI429010886	N11270	0.006719499	18	9						11.9671	16.20707	17.91133	21.03435	25.43349	21.21931	25.24183	17.93358	18.63267	27.00456	21.44902	28.83489	11.32969	19.01144	12.91017	18.51168	13.85499	18.02767	NA	10.83531	9.720534	21.62227	23.03273	6.217149	25.51773	8.687501	24.32178
CUST_1942_PI429010886	N11131	0.006720414	12	0	321475659	hypothetical protein DAPPUDRA			3.42E-15	222.7248	215.1114	243.0739	246.356	158.5985	174.4941	125.4154	136.7201	147.9113	262.0968	161.586	57.8261	310.0635	173.332	267.2693	315.8899	211.9713	193.7362	170.6985	168.9237	152.3312	419.5373	177.0792	394.6878	340.5595	217.5068	354.4742
CUST_8849_PI429010886	N23693	0.006720414	24	15						678.5721	898.791	806.5559	684.4289	571.9784	465.6755	991.5499	799.0901	1068.554	981.9828	579.9447	847.8182	1039.627	651.369	719.4386	952.6113	1377.009	1039.627	1086.19	881.8202	1190.571	879.8906	848.3549	905.7144	956.8208	797.7145	1099.075
CUST_47303_PI429010886	M75536	0.006720471	18	0						1818.148	2891.912	2883.204	2057.214	2188.815	2308.81	1900.457	2795.798	2757.04	1687.279	1701.993	1697.826	1369.757	1814.798	1573.048	3177.941	2447.506	3796.503	2906.899	2570.156	2805.21	1826.319	2075.256	1902.67	2422.76	2041.036	2422.76
CUST_38020_PI429010886	M22805	0.006726184	21	0						944.1713	355.841	1167.815	1093.904	163.9723	820.6216	236.4795	433.4692	296.8179	321.0799	766.804	296.0318	367.9854	464.421	449.7223	132.3768	225.4359	157.9135	292.6648	348.6137	338.5986	629.8536	908.7057	782.4302	174.3818	665.3418	660.4277
CUST_37064_PI429010886	M17750	0.006732503	18	3						10.98054	15.4541	18.97777	15.58431	25.52339	22.56387	205.5946	9.236157	14.33334	18.53553	12.66963	24.96583	20.36911	10.38947	15.36855	12.8517	12.27699	8.725887	13.6023	16.23526	11.29632	23.13824	19.35535	25.12586	22.49527	13.67378	38.02572
CUST_4185_PI429010886	N16187	0.00673702	24	21						119.1547	101.6806	133.3046	117.5696	71.75645	93.76286	111.7284	64.2086	97.28384	117.0413	98.19279	69.09764	111.5466	80.57219	82.84289	121.5461	91.46995	117.123	141.753	99.03286	152.1914	151.9667	130.0637	121.1643	159.8296	82.85507	175.0698
CUST_12227_PI429010886	N29136	0.00673702	24	18						6.064642	23.19965	26.88183	16.17305	16.46833	9.562348	16.91535	16.48073	29.7549	25.04161	7.810134	22.45228	25.99892	11.48755	30.865	34.27395	34.4378	30.14227	36.43974	18.08746	35.47671	18.84709	19.00338	24.58785	28.64933	11.95232	35.27117
CUST_20424_PI429010886	N43412	0.00673702	21	9						11.51019	20.14533	20.43895	24.50769	28.75045	21.43518	19.25145	26.53236	23.9895	17.41782	26.72777	34.79145	27.18663	25.21673	11.72201	23.36033	28.94999	21.04513	12.32348	22.99386	19.93149	9.466716	11.66554	16.40975	21.45886	27.24917	17.01732
CUST_46288_PI429010886	M72080	0.006737174	21	6						44.54327	47.29636	47.01945	109.7929	91.94456	71.35943	120.0493	133.7779	94.17512	101.8124	61.85717	92.65597	112.1553	66.02134	126.7896	92.75983	101.1544	141.9148	81.6258	45.01222	62.16098	97.58001	49.3138	76.30002	98.08719	64.17487	95.29319
CUST_33135_PI429010886	M6056	0.006746019	12	0	521028669	Zinc finger protein 2 like protein			1.78E-09	21.41005	13.51154	15.69371	41.72152	20.32834	14.08999	12.59667	NA	13.46381	12.07145	14.23345	17.75202	24.34766	19.22503	21.54473	13.04163	20.41235	12.2337	16.3779	12.04777	16.55821	10.73646	21.77362	15.90885	20.96138		
CUST_36319_PI429010886	M15574	0.006755351	21	15						230.1554	425.957	305.9094	229.2847	253.1919	247.8796	323.9561	357.7047	315.4138	330.2787	237.7581	265.8169	283.0383	248.4015	281.5792	349.3013	353.9275	399.4473	294.0126	276.0746	297.8848	261.5986	293.0253	263.893	252.401	246.6022	285.6412	
CUST_42799_PI429010886	M61285	0.006758878	21	6						12.02167	47.24767	26.14108	28.34234	58.8025	39.39293	43.93243	63.69892	27.32212	20.30731	53.39229	38.29909	20.95678	43.28585	36.36056	31.01077	35.49229	19.89174	28.93482	12.60871	16.16198	28.46151	27.40129	20.81559	34.07747	59.47135	38.32469
CUST_35315_PI429010886	M12227	0.006763167	24	21	390334981	PREDICTED: cytochrome c-type I	Metabolic process	Other	0.000000875	21.87746	34.25309	65.15059	19.07007	35.36937	33.00869	19.09012	33.48437	34.32863	20.03497	26.08093	30.85737	27.18421	30.55784	24.00156	28.00193	270.3715	38.19894	38.86376	40.73438	41.75149	46.33666	34.85943	46.94606	19.82888	44.85324	38.48962
CUST_31120_PI429010886	M739	0.006763167	12	0	291231880	PREDICTED: predicted protein-lil			1.48E-41	189.9176	143.0807	171.8869	132.2204	104.0048	116.2897	103.07	120.1351	123.5107	114.5333	155.7673	135.8001	153.8823	197.088	229.8852	158.7443	131.8067	126.8236	183.3606	166.2655	180.9438	168.4596	135.8001	222.3298	170.3943	171.722	295.3036
CUST_12461_PI429010886	N29497	0.006772679	24	18						298.439	732.7914	650.5235	357.9365	268.5828	259.8283	521.3103	471.7045	743.6336	537.8527	356.3573	452.9256	538.4885	403.4693	319.1468	552.4266	613.0157	642.342	559.5956	713.6664	729.7963	633.2997	517.3443	799.983	552.2424	535.89	645.1212
CUST_26827_PI429010886	N54951	0.006772679	24	6						124.4425	108.623	42.67003	67.22535	110.2026	96.84289	144.1943	73.47778	103.4024	54.99013	89.74912	99.03286	76.7295	146.5049	197.1967	81.79936	60.0126	47.93427	76.53128	50.34979	53.86055	45.60384	53.85584	21.42827	41.10799	70.44138	32.85935
CUST_3150_PI429010886	N13901	0.006784097	12	3			Protein metabolism	Proteolysis		82.79094	79.82778	61.45632	57.66836	99.13779	70.14108	41.69494	68.01679	56.68583	35.48951	67.3848	76.3955	50.60801	38.56693	19.37143	114.4474	80.9995	92.77365	66.74201	91.08467	57.16525	23.19651	21.44902	22.38325	62.14225	82.70695	51.59532
CUST_323_PI429010886	N3890	0.006784097	12	9						3182.56	1280.738	2570.156	3071.483	512.3561	2031.77	812.2115	882.5044	806.2686	2595.878	1713.82	2140.692	1622.787	1441.224	1852.945	628.502	829.1725	374.7006	1938.127	1393.298	1654.651	2626.057	3558.043	3467.123	1025.772	652.3046	1328.27
CUST_38196_PI429010886	M24045	0.006787744	24	15	514765630	PREDICTED: astacin-like metallo			0.000000171	83.10688	35.48599	31.9432	33.05798	3.638334	34.83345	241.9195	46.42038	224.1479	208.2068	113.6801	25.30919	89.69199	58.64981	44.26795	514.8454	138.6089	353.8605	103.0482	55.19896	136.8772	193.6659	NA	163.9723	144.849	34.62127	95.16242
CUST_16275_PI429010886	N35954	0.006789992	18	15						126.6732	169.8611	180.0776	184.7904	129.9594	165.2368	187.5751	174.8981	186.9781	192.3394	152.9126	173.3886	205.3015	160.7833	193.1329	212.2553	225.6648	230.649	192.8968	134.8435	190.7291	152.8076	171.6359	167.2859	209.1753	177.4557	196.3832
CUST_43037_PI429010886	M61923	0.006795853	24	3						2702.508	23.80052	2559.917	3862.287	3525.214	4027.931	82.29248	107.2144	117.6125	3522.391	4242.57	3640.441	3122.414	2168.846	3604.261	NA	8.790565	18.38125	59.43294	125.8592	132.2851	2018.868	2383.479	2491.674	296.0318	280.4572	520.4605
CUST_14084_PI429010886	N32303	0.006803223	24	0						68.62585	180.4963	172.783	68.54812	55.43882	93.03552	27.00266	278.374	276.1256	43.92787	28.67614	28.47679	29.7085	20.71687	48.69844	17.82804	68.77617	31.48421	148.5106	287.9808	396.9028	132.1106	61.67659	76.8759	469.2787	57.12065	414.6538
CUST_45048_PI429010886	M67846	0.006804102	24	3						NA	NA	20.87837	22.54343	136.6003	68.19401	9.03778	11.23132	NA	5.925916	64.71994	62.14833	9.34334	93.12448	60.64674	4.324178	3.919198	5.486086	9.960257	10.28202	8.969422	7.822887	7.665823	21.01951	NA	10.54562	6.140611
CUST_23817_PI429010886	N49523	0.006805872	24	0						162.5583	124.5835	179.7937	153.3857	116.981	132.4791	130.6442	99.09115	137.8056	158.9424	128.9945	118.3083	124.9582	104.6457	102.1603	127.8235	122.3346	101.6524	170.8635	103.1504	129.7428	180.3409	123.7474	127.1629	176.2041	148.9789	163.8654
CUST_17284_PI429010886	N37708	0.006809627	12	0						NA	10.15886	11.69458	3.425929	12.32661	10.75824	6.100675	7.371989	10.46343	6.604047	10.12252	11.81841	12.90521	16.16366	8.306588	9.214634	11.15823	7.822887	7.180584	7.511244	6.89548	9.042493	6.883456	9.585902	11.07529	9.522507	13.28567	
CUST_422_PI429010886	N5133	0.006819053	21	10	220172371	putative elastin a [Rimicaris exo			7.65E-13	15900.37	32639.19	365714	16070.74	11612.18	596.5924	18435.82	33963.44	48559.97	10605.81	11356.17	7484.678	16726.21	8098.961	4159.327	12921.27	14858.64	14858.64	40915.77	39.3134	51875.49	20172.23	31659.39	31807.71	26803.66	51269.31	
CUST_5194_PI429010886	N18385	0.006823392	24	18			Metabolic process	Oxidation-reduction process		159.8538	154.4681	143.2044	140.038	102.722	117.3668	203.1024	108.5274	117.7279	166.4755	124.4898	152.4355	190.5906	123.988	190.6927	219.8774	128.1605	225.7754	247.4344	146.1482	189.7104	164.4173	130.5942	195.5794	141.2321	119.8257	202.7406	
CUST_243_PI429010886	N2980	0.006823392	24	15						2948.008	3310.069	2668.728	2952.044	1708.901	2211.381	2893.96	2757.04	2710.483	3349.165	1708.051	2721.255	3145.521	2412.569	2284.471	4450.275	3929.52	3767.349	3956.525	2785.011	3463.912	3039.361	3056.068	2862.188	3401.586	2891.912	3011.975
CUST_20377_PI429010886	N43336	0.006823392	21	18						19.29052	14.82383	29.7085	27.75337	11.48486	18.52205	10.07278	15.47714	14.47477	24.29464	12.3901	20.77024	30.92873	17.68234	15.88272	30.89131	17.90158	19.6327	28.35837	27.88249	34.93951	19.92002	7.565346	32.60595	23.14702	13.84795	26.16165
CUST_22172_PI429010886	N46564	0.006823775	12	9	260831342	hypothetical protein BRAFLDRAF	Metabolic process	Oxidation-reduction process	1.92E-34	7.684798	7.088641	12.62197	8.654198	10.89235	5.213865	9.820162	8.737286	5.858162	10.9534	9.877137	12.95419	13.51154	7.657844	10.49414	4.446328	4.378175	8.147248	13.13097	NA	4.550378	20.69888	12.18599	15.86706	9.787245	5.01999	8.282821
CUST_54063_PI429010886	M104333	0.006827445	21	0						30.73939	NA	37.95004	47.45455	16.02076	34.14921	3.308738	7.792211	19.40949	23.62689	15.69371	24.14234	33.73205	10.01392	32.66605	3.102376	NA	4.193462	17.10366	8.581038	14.27815	73.62565	40.68416	57.02931	22.62211	11.97009	27.73866	
CUST_3656_PI429010886	N14974	0.006827714	24	9	532759720	antimicrobial peptide type 1 pre			1.16E-18	51.49597	139.095	108.8788	144.8704	60.43767	98.2265	249.928	93.24932	284.5651	333.4754	151.3342	280.3649	155.7969	160.139	48.52901	46.13557	100.2386	97.70277	35.56153	52.79302	46.92175	18.1802	188.4673	157.6398	7.518583	124.1767	57.00268	
CUST_9941_PI429010886	N25444	0.006828983	24	21						644.0162	586.5026	656.0648	522.858	403.9297	401.9784	412.3443	429.4693	443.0968	606.5345	521.7908	596.1129	586.8713	506.8228	625.2657	603.562	562.954	539.7737	631.6446	563.6439	487.5393	712.9201	565.179	703.9211	594.8478	508.0836	792.599	
CUST_36754_PI429010886	M16756	0.006833439	12	3						35.51402	45.29856	57.70575	71.56582	89.01154	75.66353	39.82654	77.18489	58.80984	46.65753	56.36738	58.71759	31.84584	57.37441	51.23629	67.41125	98.36388	77.62481	57.7947	53.35547	46.13169	68.62585	51.79467	63.20291	55.6719	62.41935	53.13079
CUST_9704_PI429010886	N25071	0.006833869	24	6	260792635	hypothetical protein BRAFLDRAF			1.52E-31	401.9784	1249.272	1080.452	353.7833	376.7239	330.8653	532.4935	842.9082	928.2282	405.1953	557.8175	512.4944	149.6649	172.0135	177.05	123.935	228.0375	136.1879	305.5103	421.5919	401.757	332.3383	276.6685	317.4998	258.5192	218.6641	345.4356
CUST_37049_PI429010886	M17683	0.006841839	18	9	157107416	n-acetylgalactosaminyltransfera	Metabolic process	Carbohydrate metabolic process	4.13E-48	44.58117	69.03139	49.46595	59.27468	70.5683	58.68809	85.13676	74.42622	111.5887	108.0685	67.37607	68.95176	75.40109	58.4887	53.97594	85.12597	121.9689	106.506	53.58837	34.37539	44.86788	69.55079	71.79771	49.23192	76.00489	62.7253	62.7253
CUST_47937_PI429010886	M78231	0.006841839	24	6						33.18047	24.66557	26.01047	24.32178	16.89615	22.21344	68.20885	54.56863	39.04354	62.68994	21.10532	26.24091	24.28357	19.05953	12.81539	26.0084	97.65071	19.22794	14.75102	15.11599	10.02506	34.32507	19.19457	21.71688	21.58992	34.57525	17.13272
CUST_40861_PI429010886	M56245	0.006860322	12	3						73.57016	88.6659	93.21779	81.08936	116.4561	102.2878	75.42049	114.8835	100.8115	82.87384	82.41127	80.98106	113.469	84.80932	90.3392	124.4273	112.6997	114.1426	91.45416	107.4885	107.424	80.95294	85.23471	95.90246	101.0722	97.66082	95.83012	
CUST_8908_PI429010886	N23779	0.006860322	12	3	345482651	PREDICTED: LOW QUALITY PROT			6.16E-27	59.25874	63.4481	50.97745	92.83981	74.14723	90.15514	62.42709	60.27161	39.84392	64.33747	49.4765	52.22249	47.85099	57.66115	62.5403	93.46078	92.17501	67.40377	54.62717	30.25225	49.38313	54.90137	40.78067	40.46925	42.3639	81.53976	24.54963	
CUST_39692_PI429010886	M42973	0.006860636	24	3	7008005	DD9A [Marsupenaeus japonicus			8.15E-09	5251.996	4513.062	4650.166	4445.119	4829.887	4522.071	3843.133	4470.918	3963.836	5039.165	4130.841	4569.485	4517.506	3886.966	4809.493	3101.358	3076.623	3702.472	2412.569	4109.069	2710.483	4339.098	3480.931	3382.058	3452.681	4253.847	4527.493	
CUST_51400_PI429010886	M93394	0.006860636	24	21						183.7151	151.3342	189.1965	158.2614	127.9261	148.2715	129.3339	136.3915	182.6769	151.0875	185.0971	175.2702	144.3231	142.4472	152.3742	194.2663	201.86	214.7361	155.2643	197.7325	187.773	184.5623	215.7105	235.5705	139.4798	242.2514	
CUST_2676_PI429010886	N12887	0.006860636	24	21						525.5146	967.3181	684.4289	548.2292	487.1319	515.4837	444.046	629.6411	620.0365	579.318	667.0187	604.3308	589.5468	608.4831	613.1951	653.388	834.7743	778.454	615.4675	709.2337	677.1857	730.5469	733.7832	893.2381	755.8283	620.2559	932.6263	
CUST_19902_PI429010886	N12887	0.006860636	24	21						13.95129	63.06223	43.65107	47.78312	60.13944	50.97241	58.6281	42.45638	46.47246	63.76387	54.42434	48.62526	65.87993	56.12959	67.44893	51.88505	58.72446	71.98657	60.99538	49.77948	57.8894	72.96456	52.88268	51.83798	67.66614	58.46633	
CUST_17318_PI429010886	N37766	0.006860636	24	21						48.92244	59.05616	35.72862	21.57697	30.06892	26.13567	23.31843	28.551	28.49131	38.24975	41.92055	40.56201	38.17039	27.17222	34.88562	39.93436	62.50267	40.85573	40.99989	40.14624	31.80176	42.83599	47.10201	53.70551	56.04246	39.02298	60.68646	
CUST_35966_PI429010886	M14137	0.006871379	24	15	241999578	thrombospondin, putative [Ixodi	Cellular Process	Cell adhesion	1.81E-66	96.22172	153.1826	156.6513	111.894	226.5718	148.4289	79.22393	254.5783	275.85	204.9422	310.6389	171.2412	111.5731	313.0953	386.6278	252.1189	348.7073	422.9545	80.94269	253.8231	141.1702	149.533	108.1711	83.95829	62.21897	130.5163	91.88292	
CUST_13525_PI429010886	N31326	0.006874874	24	3						519.2716	66.91624	576.7675	759.5695	1732.526	1393.298	58.12065	128.0075	53.53717	303.1234	981.1472	809.2125	170.8635	552.2424	569.4689	13.24735	7.094278	NA	7.155078	129.2198	14.26774	422.9545	95.97338	336.1378	15.71	101.5466	29.36452	
CUST_3501_PI429010886	N14631	0.006875294	18	0	504163658	PREDICTED: D-dopachrome deca			1.07E-13	138.0571	127.3506	204.3287	97.66082	123.5754	117.5817	138.2078	167.4695	228.163	77.93692	130.9169	115.4156	93.96854	61.67047	69.64615	75.14729	123.5457	97.25517	162.3101	211.1406	308.5071	113.5495	153.2663	84.19786	118.6368	92.68642	136.1215	
CUST_14724_PI429010886	N33356	0.006875294	18	6	443689529	hypothetical protein CAPTEDRAI			1.44E-35	50.52783	85.38009	58.16145	73.99941	72.4004	59.07254	72.10171	97.05434	81.33153	79.35979	62.92312	62.81204	56.46685	56.01078	52.07927	77.29301	85.07992	72.70716	73.73506	70.63954	79.33651	61.83411	89.36499	100.6344	133.3487	90.28649	157.9287	
CUST_48170_PI429010886	M79210	0.006876703	24	3						14580.94	64.37978	11138.2	18026.32	16183.31	18613.15	55.28196	348.3823	50.8307	3528.773	8886.515	10090.54	2096.347	11805.59	12699.11	12.12132	6.364152	35.04644	11.66711	394.8687	10.56444	7750.118	335.3952	6461.658	9.733163	869.9307	53.02947	
CUST_40895_PI429010886	M56317	0.006882184	18	15	321479210	hypothetical protein DAPPUDRA			6.41E-12	NA	16.95396	9.196346	6.352714	6.664444	4.029299	NA	8.189998	6.520876	NA	8.26064	11.99886	NA	9.370822	9.462955	19.25364	5.79988	12.70605	6.908019	9.633908	9.843601	7.877193	NA	5.49503	10.66953	7.230351	NA
CUST_54985_PI429010886	M108332	0.006891621	24	0						2466.158	2652.405	NA	517.1871	241.7527	550.4921	4928.217	8348.895	3499.526	7350928	34.15266	30.23961	31.26158	1175.329	32.04908	1345.742	638.6943	356.871	842.2205	7459.987	837.2458	NA	3217.866	NA	6226.747	NA	
CUST_53034_PI429010886	M99822	0.006896418	24	0						116.1822	106.0541	109.4907	123.1444	100.3377	95.57738	113.8069	84.34054	104.5741	95.86932	93.89802	88.24057	104.7064	68.9724	83.18277	100.4112	72.94835	94.64399	79.28417	102.1483	68.78391	104.1325	102.3362	83.4815	109.8814	110.5024	91.09751	
CUST_56750_PI429010886	M114574	0.006902155	24	0						152.9408	67.49593	93.07316	96.53451	78.956	82.45499	105.0886	64.27006	77.8809	118.5815	72.81177	45.10104	67.88505	70.29674	78.04556	61.295	54.28814	66.53367	72.0781	85.7431	62.85008	107.7788	73.64351	78.02817	107.2724	71.13619	107.9218	
CUST_4695_PI429010886	N17291	0.006903075	18	3	444726426	Zinc finger protein 84 [Tupaia ch	Nucleic acid metabolism	Regulation of gene expression	4.58E-12	15.73083	24.88093	21.1337	NA	25.99892	21.15337	16.67154	30.22132	18.79511	25.29614	10.49414	17.17357	17.14108	15.96403	18.97529	19.12392	13.89283	15.29086	29.53009	16.42131	17.01395	18.8838	32.63017	33.6843	24.01242	21.51378	26.31588	
CUST_42825_PI429010886	M61358	0.006908531	12	0						59.03042	54.1566	36.50656	50.50655	47.21493	48.56908	54.2724	61.57198	48.18114	18.17826	25.71381	30.59603	49.45288	107.0748	53.57855	52.43098	45.25376	22.86182	48.24507	50.15161	38.01559	30.47714	46.26381	24.17927	59.38272	70.81536	48.33387	
CUST_56190_PI429010886	M113060	0.006909764	24	15						110.3077	120.1783	101.9686	184.1477	48.47854	110.8634	291.6767	189.3285	280.4189	513.8347	230.2055	60.76642	212.7624	190.5553	114.4277	680.9887	249.1748	491.5182	269.7799	264.2234	356.6056	361.3178	74.89382	261.4074	239.0862	45.7369	155.8635	
CUST_39464_PI429010886	M39822	0.006909764	24	3	13898841	CUB-serine protease [Panulirus s	Protein metabolism	Proteolysis	3.01E-18	94.59748	312.4297	117.3668	137.0649	320.7176	318.5699	138.7794	285.6824	288.4188	91.75455	388.566	131.3179	105.1207	203.5459	95.12721	43.59878	391.4746	171.8413	89.50979	88.50381	78.07876	93.56602	180.676	110.2359	79.88277	279.1333	206.6626	
CUST_42251_PI429010886	M59016	0.006909764	24	21						211.8841	315.18	368.2385	181.4994

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_7511_PI429010886	N21654	0.00708379	24	15						643.2149	966.3163	399.4435	538.8011	391.3071	555.8829	1071.049	827.1853	734.7144	786.1643	557.9393	440.6377	652.1093	508.1759	543.9588	1362.378	1014.938	1038.012	750.3368	677.6753	903.938	441.8514	617.9354	557.8175	613.1951	579.318	537.1828
CUST_11436_PI429010886	N27802	0.00709454	18	3						33.65261	11.19796	34.56666	45.68766	NA	43.25692	35.68286	25.39283	33.08731	17.00074	20.68983	42.76535	32.53452	11.06478	32.25543	22.29187	26.78779	21.73515	23.5934	35.93896	36.49381	40.82956	34.86224	36.65135	15.29841	22.855	10.75824
CUST_51122_PI429010886	N29275	0.00709926	24	15						54.68944	58.55433	25.13996	104.0936	19.97115	75.64874	155.3531	132.7868	209.0795	190.4954	74.9714	95.93997	192.2562	60.62225	68.22331	104.2053	298.135	30.37143	21.2157	27.69715	51.39126	46.40366	22.58254	25.99138	26.40151	19.65095	
CUST_44191_PI429010886	N65213	0.00710671	18	9						11.04053	8.399033	12.42421	16.81757	11.43741	14.0007	10.33927	23.75813	18.40393	72.56894	48.41454	19.52187	14.82873	NA	11.88893	33.22829	16.55621	22.99952	12.21743	10.35153	13.52973	10.89769	20.73144	12.59237	19.46755	9.445121	23.27333
CUST_8264_PI429010886	N22794	0.00710147	18	15	241742424	geranylgeranyl pyrophosphate s	Metabolic process	Lipid metabolic process	2.87E-41	93.8595	414.226	92.0742	164.6109	73.56286	121.6162	297.3019	289.7731	163.2608	343.8057	249.0225	155.7231	187.286	215.8727	163.9403	358.6508	580.4723	447.759	186.2473	111.259	185.9639	120.5852	142.2521	146.9806	289.9679	243.1902	87.91078
CUST_12637_PI429010886	N29786	0.00710147	18	3						910.9934	233.9171	796.9187	1241.315	757.1366	670.4033	424.6765	387.5344	578.6613	830.1589	963.73	766.3188	1368.726	656.7134	739.3679	166.4755	216.9264	191.9474	685.4537	654.5389	598.5974	1232.801	1676.984	1483.632	728.3477	1047.687	1389.498
CUST_22300_PI429010886	N46769	0.00710147	18	15						1256.746	1760.199	964.2235	1021.91	399.2455	528.6354	1922.582	1491.134	1396.628	1459.585	505.0907	948.7571	1337.377	718.7132	734.7144	1941.997	2330.806	3031.683	1673.566	1203.381	1306.13	635.7483	881.258	950.0092	902.4975	1003.544	1105.917
CUST_17343_PI429010886	N37801	0.00710627	24	21						73.85285	88.70868	96.54391	81.79936	64.99079	70.76996	57.23466	87.67177	82.92495	81.24064	68.99631	82.63781	78.7116	60.25895	94.56212	61.60595	93.74241	85.69239	84.45149	78.08717	111.007	108.1577	92.42138	127.9862	96.86942	81.16582	109.9768	
CUST_20476_PI429010886	N43522	0.00710752	21	9						NA	3.528285	6.281077	4.722896	7.3032	11.66289	10.07727	6.878064	7.259084	16.18394	7.920298	NA	NA	6.13309	11.81841	7.595815	5.656717	8.963971	7.117232	9.808744	4.187833	6.245436	NA	3.390682	4.979931	5.610497	6.793494	
CUST_15318_PI429010886	N34392	0.00710805	12	0	1703416	RecName: Full=Arrestin, lateral	Signal transduction	Other	1.99E-39	26.6049	20.05879	23.18254	13.56287	19.99659	12.36397	12.08009	14.7781	11.85264	12.27349	37.3274	19.15894	22.53368	21.80903	24.14234	15.53957	33.26038	20.12179	NA	22.75502	14.10098	17.75786	22.56387	16.74788	23.41549	29.70306	21.77362	
CUST_523_PI429010886	N5820	0.00711028	21	15						2085.588	3124.619	3368.791	1681.402	2570.156	1936.909	2083.733	2356.919	2629.319	1889.404	1707.189	1853.898	2924.097	2235.693	3142.5	3914.879	2722.979	3528.773	2496.293	3654.032	3289.37	2933.397	2538.621	2670.787	3428.918	2152.198	4159.327	
CUST_3127_PI429010886	N13849	0.00711218	21	12						6.574572	7.319642	10.23947	10.52214	7.759578	6.324357	11.59544	9.354156	3.679982	8.947221	10.68639	10.09352	9.228702	10.93977	12.94612	6.670759	7.712272	4.14568	4.439237	4.034525	5.213865	NA	7.070367	5.167289	NA	6.943759	4.71358	
CUST_26987_PI429010886	N55229	0.00711715	12	0						77.58626	60.60875	69.326	77.61728	69.30661	56.82231	67.08754	57.34418	35.35794	85.37067	73.21671	77.3983	77.77436	74.80515	75.37573	53.02213	65.61458	58.91249	64.12039	49.95516	52.99594	76.07871	61.19974	56.68053	89.69199	70.8379	73.64351	
CUST_41348_PI429010886	N57522	0.00712450	24	3						47.63863	12.48035	58.08676	78.80045	98.15697	76.3955	13.20553	37.46702	28.86297	46.39063	110.519	92.31393	55.15568	48.47319	63.2086	21.70516	15.57566	19.32541	12.44897	23.64777	15.7786	39.49333	36.828	45.97519	16.76354	48.84433	24.87248	
CUST_13429_PI429010886	N31174	0.00712450	24	18						502.6586	2269.737	897.3252	828.3699	322.5903	579.8505	837.2458	474.9425	870.1856	1219.83	464.9207	844.6913	1251.245	37.81634	1203.381	2025.285	896.981	1311.742	2057.214	1965.787	2095.253	1568.389	501.5231	1295.587	3142.5	1189.941	3428.918	
CUST_18992_PI429010886	N40792	0.00712450	24	3						47.38682	69.17285	54.07873	60.69474	93.12448	74.44615	60.37267	64.74689	53.64076	68.19401	49.45288	60.84053	32.6846	60.23886	71.46735	52.18733	46.39504	54.57944	48.38982	53.68198	39.30626	48.98753	45.13797	43.08599	58.47581	51.81269	38.83587	
CUST_32645_PI429010886	M4677	0.00712625	18	6	321462910	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	6.83E-62	10.10472	214.0358	14.39043	324.6618	140.5662	232.3662	575.6253	746.7514	641.1736	16.76758	20.06471	6.805347	276.1893	192.9642	478.5299	NA	274.3383	6.532525	137.6386	16.05617	157.2786	161.7929	349.4617	86.36335	22.71026	596.5924	349.9023	
CUST_16689_PI429010886	N36697	0.00712893	24	3	530655347	PREDICTED: dual specificity testi	Protein metabolism	Cellular protein modification process	1.18E-39	11.69775	NA	NA	13.74225	73.26943	66.37527	5.396608	7.000055	4.222474	NA	11.17738	4.007761	4.899473	5.504548	NA	NA	5.247423	6.320355	10.10592	3.643187	4.175395	8.355006	5.191314	5.65063	6.116784	10.19338	7.177997	
CUST_11176_PI429010886	N27330	0.00712970	24	21	44890292	LOC100045488 protein [Mus mu			1.16E-34	50.83559	91.15714	60.05066	66.63152	77.63531	45.75395	59.64058	75.0097	84.34054	61.25771	74.66025	47.27657	67.90691	53.62083	73.35252	53.75051	68.43368	78.11286	101.9343	89.74912	80.85368	88.53491	104.3299	85.57553	88.54675	89.12634	80.49207	
CUST_38318_PI429010886	M23274	0.00713038	12	6	3006086	trypsin [Litopenaeus vannamei]	Protein metabolism	Proteolysis	1.3E-66	14.19023	NA	8.174815	461.7785	NA	313.5422	4803.622	NA	3360.114	661.1838	484.8492	NA	164.8179	346.4474	115.2993	972.4265	NA	688.6527	6265.89	12236.09	23379.75	856.9537	7.352636	854.1319	43.2217	2584.904	
CUST_54781_PI429010886	M107652	0.00714761	24	12						4.659382	11.44781	7.878601	17.73565	7.609031	13.30754	6.42494	7.760758	13.00043	12.15684	NA	23.34681	16.89173	19.28815	19.63812	19.04623	18.81827	15.5158	NA	5.679722	3.899392	NA	12.10816	11.57491	5.266343	8.300487	9.388241	
CUST_36722_PI429010886	M16660	0.00714605	21	12	85677399	pigment-dispersing hormone 3 [	Signal transduction	Other	0.000000345	142.0207	269.8306	208.404	262.1593	311.1974	243.331	341.6702	311.6703	240.479	261.5986	438.6999	295.1733	233.412	671.9924	522.1886	299.0693	459.9674	367.9854	131.8269	390.8971	209.1419	175.317	219.8411	120.0145	284.5232	475.4976	457.8873	
CUST_45838_PI429010886	M70455	0.00717699	21	18						149.5014	192.6063	181.8309	133.3192	151.5648	180.4189	113.5034	158.6164	176.9444	166.5631	134.4996	182.1852	117.5967	150.9904	135.1633	173.2168	205.2408	156.1141	261.6417	171.2114	254.4159	190.2229	201.86	188.4419	174.8799	175.3842	208.2743	
CUST_46441_PI429010886	M72659	0.00717651	18	6	498966874	PREDICTED: rho guanine nucleot			1.43E-42	12.90521	8.982204	9.301907	7.10668	13.62679	NA	12.301	11.41494	10.11839	14.68427	11.38924	9.271842	11.69775	15.75736	4.72816	5.643166	4.516364	7.120472	5.266343	12.83603	6.720337	NA	11.69775	9.704976	16.32616	24.33617	
CUST_57330_PI429010886	E6184	0.00716888	18	15	397611322	hypothetical protein THAOC_18	Protein metabolism	Proteolysis	3.72E-13	10053.8	11455.94	8073.399	6439.853	6612.476	5298.376	13135.1	16288.46	13988.25	12569.14	8962.903	9516.402	9855.129	9425.197	7762.077	17315.8	12236.09	16553.17	10626.1	10550.02	10727.23	9410.039	7673.313	9872.039	10550.02	8025.596	11695.66	
CUST_37309_PI429010886	M18573	0.00716888	18	15						884.7471	2170.443	1301.148	1056.763	961.4773	922.1615	2210.04	2067.912	2113.55	1998.783	917.9436	1513.832	1475.969	1522.629	966.6426	2529.949	3899.124	3185.221	1622.787	1341.551	1829.191	991.8349	1058.746	1310.327	1390.116	1566.672	1301.148	
CUST_39169_PI429010886	M35554	0.00716888	24	3						178.7203	60.02726	108.7707	196.6122	157.847	185.9023	80.74224	89.43021	65.1725	164.206	149.9126	111.894	219.702	118.7327	116.8305	51.56856	66.6173	30.32287	64.02245	53.55076	44.96264	178.619	136.314	114.3003	67.91644	139.9842	98.54648	
CUST_31154_PI429010886	M844	0.00716888	18	15						1943.332	4746.115	1972.842	1531.626	454.3052	840.9882	4560.074	2694.146	2883.204	3269.912	1015.318	1214.037	2452.653	1142	1294.853	3886.966	4772.224	5578.907	3156.873	2066.858	2924.097	1091.098	2231.56	1741.604	2231.56	2067.912	2393.197	
CUST_13931_PI429010886	N32033	0.00717468	18	3						28.27902	31.73936	42.51318	36.66337	35.87747	34.20961	19.407	22.53586	25.73695	19.46418	13.53241	18.28904	36.72221	25.32953	28.05304	25.70617	25.12027	13.87626	14.57803	29.03664	16.81913	24.82357	37.89317	26.94621	23.17242	23.53464	24.33207	
CUST_14165_PI429010886	N32421	0.00719115	15	0	242002276	topoisomerase TOP1-interacting			2.44E-12	46.23157	56.71352	48.44449	43.68293	36.61868	34.9506	39.24909	48.99281	41.42853	35.82162	28.42785	31.41902	45.72512	40.94392	41.60531	52.59937	71.27374	54.33188	37.69822	48.21366	52.5487	21.95009	40.61754	40.82014	35.36937	46.65167	56.2716	
CUST_23883_PI429010886	N49641	0.00719352	15	9						18.86919	22.82508	17.79044	23.11733	22.8831	19.52016	21.0526	21.80903	24.28126	25.56702	27.5238	44.55836	23.99266	28.80735	27.17222	26.08093	16.40332	26.18643	23.85867	18.68765	19.1261	31.45292	49.33322	36.28088	23.61457	29.73407	33.67973	
CUST_53087_PI429010886	M100098	0.00719354	24	18						303.3581	254.4159	207.4823	187.3112	266.9079	157.0068	859.0835	262.2441	527.5856	193.3912	168.2226	131.5172	173.8666	259.1614	234.7388	148.892	276.3758	337.46	995.0788	1327.159	2402.724	324.7451	258.3703	340.5595	343.6496	252.4627	352.7205	
CUST_53098_PI429010886	M100133	0.00719633	18	3						40.27654	64.27006	33.87201	59.36408	58.66639	40.05085	68.4557	78.61195	77.8161	33.57662	21.18195	33.17685	47.71104	35.4183	37.7496	40.83646	21.44313	29.36117	39.11041	28.45348	39.55139	93.3967	44.1442	95.93997	37.49842	22.905	36.81564	
CUST_2432_PI429010886	N12332	0.00719633	18	3						42.02407	20.26569	53.9262	53.23808	36.92118	40.84998	28.61425	22.35703	29.79347	29.90874	21.82549	36.35313	31.05988	18.65471	27.00456	25.38779	16.97648	20.25356	31.12088	27.51459	25.60929	51.17522	24.30578	40.75864	27.2791	20.67143	40.07856	
CUST_10442_PI429010886	N26241	0.00719701	15	0						521.2006	389.2838	456.7205	846.219	924.3063	773.3668	338.5986	435.0369	280.6399	873.2461	2070.818	961.4773	932.1979	684.4289	835.7807	337.9166	253.5828	284.1966	344.8484	383.2209	924.1427	927.3328	1124.49	1180.164	355.841	899.9958	1063.435	
CUST_44390_PI429010886	M65804	0.00720104	21	15						5.036752	9.970616	9.858804	NA	5.800929	14.12665	10.51976	14.73062	14.62025	11.84707	13.0692	13.85312	16.98514	13.81248	9.323328	18.27116	16.63236	6.75338	18.05364	12.23558	14.67673	13.36386	4.733337	12.3024	15.68854	11.25075	6.808227	
CUST_53196_PI429010886	M100666	0.00720789	15	3						467.6907	478.8721	365.2368	460.1149	549.1826	540.9421	484.0256	526.4775	679.5306	352.1552	443.4999	285.0355	379.3272	363.2101	247.374	374.3365	540.2756	400.6266	628.8213	383.3073	509.8873	378.1731	498.4242	275.3403	501.3701	435.509	365.1669	
CUST_48858_PI429010886	M82527	0.00720789	15	6						19.46418	18.5866	9.429304	11.6258	11.79955	16.83843	22.21596	22.74199	20.57977	11.23239	10.20667	12.05475	8.818102	5.745179	12.44307	22.04447	13.97125	12.1699	13.5943	12.59237	17.69186	24.43634	16.84945	17.28062	22.35262	15.22111	20.5703	
CUST_52727_PI429010886	M98669	0.00720789	15	12						32.06294	22.39651	23.45708	13.09661	33.82765	41.31439	15.60447	7.096311	14.32824	12.51777	19.68859	33.77888	35.88985	23.72167	40.05085	37.6281	13.55744	23.50565	12.99937	24.98047	18.57947	12.5848	8.068353	18.40393	14.74345	14.53307	12.42007	
CUST_25579_PI429010886	N52679	0.00721274	24	18	443711993	hypothetical protein CAPTEDRAI			1.04E-08	39.0719	59.88108	75.2001	47.60041	64.12746	54.61715	49.96129	43.95645	43.17122	36.97106	68.33012	25.00404	42.37791	43.00281	75.59966	29.57251	81.15666	22.10476	120.7334	91.71339	137.6772	48.43927	165.4776	104.5021	55.03418	35.86607	77.36861	
CUST_53092_PI429010886	M100121	0.00721264	24	3						46.7009	19.1752	29.89281	41.74139	131.9825	103.6461	20.02186	46.22711	17.48796	17.87709	70.98403	49.93016	11.51954	45.9767	44.97359	15.5193	14.15703	10.81194	6.205904	40.10788	10.07008	28.89871	27.66084	26.33431	7.569054	59.39503	7.646455	
CUST_49075_PI429010886	M83935	0.00721264	24	21	408474813	calcium-activated potassium ch			4.65E-41	60.43767	40.38904	49.35984	40.83466	28.7398	36.86027	28.52646	39.27561	27.52155	38.70148	40.14947	56.71975	42.90092	36.12473	44.73116	43.96941	45.56749	48.84433	40.81486	34.27395	40.38119	53.42717	56.18215	46.15443	56.13868	45.49544	52.03911	
CUST_5388_PI429010886	N18630	0.00721264	24	18	405973122	hypothetical protein CGI_10019			1.36E-49	78.3065	130.3816	118.7615	100.821	88.13366	70.15908	100.821	114.1092	121.6468	103.4638	83.13651	80.48196	135.0399	98.08719	92.34598	110.2359	141.6537	146.658	143.5591	133.0536	176.8903	120.4106	100.771	124.2158	145.5033	102.5557	134.1449	
CUST_9446_PI429010886	N24639	0.00721264	24	21						240.3468	287.938	371.3812	270.5362	245.3228	207.2734	200.7173	253.4735	242.3852	228.163	251.3778	251.6089	307.7409	233.5705	271.1207	218.6001	369.5842	278.592	303.1963	264.6223	256.6606	323.8056	352.7205	317.3631	362.5008	322.5903	414.226	
CUST_48736_PI429010886	M81922	0.00721404	24	6						62.38786	71.33856	89.39537	77.22486	79.4857	75.44765	73.49385	70.20407	92.77365	73.20517	85.40783	71.70119	85.54538	65.11364	77.03004	49.32564	61.145	58.22453	58.01001	53.10853	70.87494	50.45124	82.04507	64.50416	63.1617	69.61335	65.1084	
CUST_2556_PI429010886	N12615	0.00721697	15	6						20.91626	NA	9.64326	16.79051	NA	11.02965	60.72297	60.32929	53.66051	56.96848	27.88249	25.61174	114.7628	63.99137	7.256866	18.12971	21.64409	8.891795	10.11056	52.37742	35.84121	64.80829	119.9264	110.3412	72.15825	15.29443	33.60676	
CUST_11173_PI429010886	N27383	0.00722993	18	3						4253.847	1732.526	4487.184	6317.157	3360.114	3815.958	501.9234	1587.909	1572.421	3200.557	1329.124	2570.156	1767.886	473.1245	1143.279	676.6048	1774.191	2152.198	1542.337	4041.944	6864.217	6143.541	2162.694	3327.482	3053.693	46.24282	2940.045	
CUST_53344_PI429010886	M101344	0.00723318	24	18						11.26818	9.902198	NA	12.38585	NA	8.487659	16.34183	12.46756	16.33604	13.33462	7.646455	8.020864	17.83378	18.08853	NA	23.98408	10.84292	27.17008	21.0164	20.69694	17.5198	15.69192	17.93943	17.71533	12.54903	17.89735	14.64332	
CUST_16055_PI429010886	N35575	0.00722374	24	15						47.93963	41.1126	54.44704	33.40941	47.30405	31.50316	56.05872	40.16574	45.21941	54.90137	55.84366	50.23264	59.64058	43.96327	64.76383	53.64587	57.97707	65.78378	42.3639	53.43212	57.27829	50.90051	48.45428	54.19934	46.5992	55.31584	56.4602	
CUST_21773_PI429010886	N45827	0.00723579	21	3						32.48749	25.25292	9.411311	11.07276	85.02933	63.31187	19.35535	47.19838	18.90503	20.95393	41.17764	56.71352	7.534185	17.55051	12.79947	15.14134	4.11703	9.711241	6.799426	48.19092	9.258479	NA	36.20611	7.389162	NA	72.69874	NA	
CUST_33725_PI429010886	M47713	0.00725253	24	6						28.12879	56.9001	47.68604	44.07723	41.33969	48.76658	49.49083	60.3351	54.38582	32.62087	23.63569	25.35423	50.34388	55.69128	43.10438	34.42594	34.90142	19.13466	15.75704	38.9475	29.9142	22.38961	34.5207	22.86438	41.51987	33.59889	31.20454	
CUST_9786_PI429010886	N25204	0.00725253	21	15						29.31443	80.6925	65.58263	46.41625	39.2784	32.91482	41.79921	50.1322	33.34452	53.17689	66.11978	53.8169	46.45178	51.02011	42.94799	74.8864	62.77181	65.80368	58.61403	47.61497	57.33749	47.3524	55.30643	62.87374	52.44815	53.23246	50.15161	
CUST_23538_PI429010886	N48998	0.00725921	24	3	345486561	PREDICTED: disintegrin and met	Signal transduction	Other	5.19E-16	12.9801	6.854397	8.338749	13.09363	13.37422	16.25246	NA	6.324357	9.045745	7.95738	10.35502	13.0685	9.974531	12.91477	18.30046	9.406434	7.789818	10.70343	4.750576	4.736071	8.143822	7.485899	5.865277	13.2526	12.03366	11.41659	11.7339	
CUST_25714_PI429010886	N52929	0.00726738	24	6				Protein metabolism	Proteolysis	85.62565	112.5544	114.1092	116.4413	188.3253	165.0676	124.2797	134.4304	173.7269	133.3046	130.8809	113.5495	128.0875	89.13599	113.878	125.6161	181.3504	100.8009	120.0673	108.298	105.7619	105.3536	94.78884	82.98239	65.48356	139.6859	165.1648	
CUST_45089_PI429010886	M67974	0.00726197	24	9						149.533	114.9233	124.2958	120.3588	192.4672	149.7452	194.9703	106.696	190.8547	202.0095	132.4959	298.1868	192.3094	165.7121	202.0727	197.3862	152.8709	184.2613	162.5974	121.6162	171.3397	160.2439	154.2424	161.4921	123.5252	137.5078	187.5258	
CUST_52934_PI429010886	M99514	0.00727965	24	12	443734178	hypothetical protein CAPTEDRAI	Protein metabolism	Cellular protein modification process	5.04E-29	5.754541	20.51167	10.0854	11.08814	18.28324	16.97405	364.2049	13.63348	246.6961	89.29338	128.3075	221.2277	583.9375	167.7764	306.0769	11.32628	17.52199	28.82648	288.6545	183.1939	7.69611	568.8248	232.4149	206.0425	6.64183	14.66893	11.78126	
CUST_44827_PI429010886	M67120	0.00728441	15	9						255.571	153.3624	378.3539	139.3356	313.1767	257.5532	531.0942	400.3546	414.4128	611.8901	328.4824	460.5885	682.3134	364.1244	437.7611	368.2385	234.1352	103.3439	319.1468	251.7959	365.6513	878.8076	219.1089	733.4921	675.6901	417.0366	479.1083	
CUST_45131_PI429010886	M68089	0.00728463	18	0						2552.554	601.9971	2611.542	360.4299	533.6749	393.358	253.2927	289.3915	403.4693	535.3308	268.6876	246.083	451.4694	333.0825	546.0695	2437.73	323.0408	2103.097	810.1648	383.8668	917.5193	422.0714	1600.243	377.0504	669.3491	367.6429	598.0964	
CUST_37916_PI429010886	M22224	0.00728859	18	9	242007821	Pediculus humanus corporis mit	Cellular Process	Cell cycle	8.63E-84	84.3918	105.7387	95.36659	68.40753	69.6714	65.98466	147.3924	105.4796	105.5425	106.4281	123.6581	94.76517	103.8438	73.73506	93.94191	98.94639	136.2532	125.4006	64.28341	90.04305	100.658	79.03209	86.52356	75.9364	130.702	88.77171	122.771	
CUST_21442_PI429010886	N45229	0.00728859	18	15						55.40345	52.8068	64.08368	37.83797	32.94858	26.79339	36.1598	39.24334	47.84693	41.53336	44.35011	86.8615	37.66871	57.39387	59.79025	76.57491	48.09966	61.38551	61.26619	35.77181	33.00277	35.2239	50.73868	35.19853	70.332	45.76238	50.45124	
CUST_45692_PI429010886	M69944	0.00729168	15	9						17.07151	7.225798	8.917284	10.1984	3.41144	5.063083	6.136811	6.435594	3.991284	8.103931	9.575352	12.41357	4.882539	7.873998	5.11654	6.415726	6.063885	4.549127	6.340508	3.82208	3.681468	13.6782	10.4031	8.741642	25.97276	9.953391	10.61964	
CUST_36556_PI429010886	M16224	0.00729314	12	0						105.0258	114.4006	94.20496	100.0635	81.64232	70.8379	79.92025	54.78117	68.71816	71.4584	98.87854	98.89641	96.02016	107.8039	113.1748	105.4679	79.13617	96.09055	86.04303	88.27501	81.9979	125.2342	86.65164	116.8939	117.6515	95.02561	114.6414	
CUST_20513_PI429010886	N43585	0.00729673	15	12	321472706	hypothetical protein DAPPUDRA			8.22E-09	2294.993	1541.174	1436.914	3073.818	2642.585	2439.09	952.6113	1102.848	912.5849	1460.387	2306.791	3010.08	2126.752	2965.89	4427.539	3667.762	2056.189	2449.312	1044.09	1687.279	1243.512	1563.997	1592.484	1863.699	2078.188	2372.615	1677.845	
CUST_42452_PI429010886	M60317	0.00730042	24	6	321455342	hypothetical protein DAPPUDRA			5.53E-51	144.9581	200.7173	205.453	98.52549	119.4159	129.7163	235.4202	217.8657	243.543	192.8085	188.5629	161.754	199.944	136.296	203.392	182.136	191.1727	176.429	152.6411	185.3051	127.2978	127.633	114.8083	154.3027	185.6007	117.8103	187.1657	
CUST_6444_PI429010886	N20108	0.00730042	24	18						200.9398	268.9316	351.1109	244.7879	240.0325	179.241	235.2069	253.1207	319.4595	272.7898	257.678	312.0575	309.0132	205.9794	254.618	281.4753	262.9461	365.1669	322.4558	336.9544	388.6637	319.9319	283.224	436.5051	338.993	255.4927	503.262	
CUST_14335_PI429010886	N32714	0.00730042	24	18						956.8208	1049.395	1223.646	537.3205	375.3353	290.7575	965.1042	921.74	1196.459	1003.544	389.7239	660.9643	1063.832	501.3701	430.7389	886.9505	1190.571	1198.216	1225.455	1359.053	1927.794	529.2519	488.0472	770.3832	988.0134	650.8946	1323.872	
CUST_12254_PI429010886	N29438	0.00730358	18	15						36.56804	55.5303

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_1072_PI429010886	N8409	0.00752036	24	15						547.9685	951.5195	689.88	569.3405	369.3009	443.2849	773.3668	651.7291	788.7271	524.517	508.9078	561.1654	700.359	558.8184	611.3316	753.9335	957.7854	985.4686	729.6122	758.5678	969.0998	651.5453	753.9335	896.6099	680.5705	506.9058	869.9307
CUST_1556_PI429010886	N10057	0.00752748	24	3						16.98033	11.66289	24.54963	17.53011	14.70588	14.57803	19.63427	12.75342	10.31356	5.942887	8.704745	10.68195	19.68364	7.95738	12.75519	5.783029	11.01416	NA	13.79706	9.570901	6.939412	11.37517	12.90656	8.71517	17.0629	14.31897	17.52622
CUST_1539_PI429010886	N34511	0.00752762	21	0						2509.266	2329.103	2484.399	1407.95	1638.477	1955.527	1045.59	994.081	1349.674	1916.926	869.9307	1410.73	1550.781	543.3224	1053.276	1719.204	1338.071	2584.904	1496.297	700.1848	1156.223						
CUST_2082_PI429010886	N44136	0.00753899	12	15	328721059	PREDICTED: hypothetical proteir			0.000000843	127.6164	229.2847	47.6242	192.9259	51.9988	218.3332	247.1999	247.5349	141.6537	197.5933	148.9308	109.8243	349.1843	319.3967	348.2785	619.2009	492.5086	410.9137	307.0061	117.8103	222.9112	71.7645	314.3155	68.38347	421.8557	466.254	40.00526	
CUST_14542_PI429010886	N33053	0.00754922	18	3	321464484	hypothetical protein DAPPUDRA			1.14E-71	11.35215	13.24735	17.12042	12.55746	11.45478	22.18677	17.26262	13.3975	9.265375	6.331516	4.541722	13.47249	10.42867	6.606839	8.452888	13.32146	6.473882	10.66525	12.11179	10.65432	9.985418	15.68492	18.96294	12.15359	14.485	11.66554	12.53713	
CUST_28339_PI429010886	N57757	0.00755023	15	12						36.29093	17.01954	29.55431	28.51548	18.55929	10.86736	29.38566	21.31272	20.19611	34.86224	32.98843	44.22224	37.1161	21.53519	38.6365	27.08528	7.406463	30.48044	25.30627	19.99659	17.27642	28.4048	15.56798	24.62932	30.06311	28.13497	27.87333	
CUST_31430_PI429010886	M1507	0.00755762	12	0	443727635	hypothetical protein CAPTEDRAI			1.86E-28	55.56698	50.56209	45.50498	47.52511	31.36919	41.06421	39.18663	29.79615	35.32719	46.28626	30.99993	34.06404	56.50958	40.06052	37.54467	37.82506	34.09591	25.97804	21.3859	36.72586	22.55249	51.80267	43.37269	44.84883	42.46657	37.12565	47.72966	
CUST_7874_PI429010886	N22203	0.00755762	12	0						78.70208	42.5644	57.69989	42.6374	28.61744	23.91545	27.87026	20.31011	20.90369	43.22841	34.16334	21.11455	37.64453	23.43505	32.62087	35.59076	30.38583	33.63811	28.3766	25.23371	39.50225	28.14643	29.86767	28.61945	35.91186	38.85987	53.91461	
CUST_28251_PI429010886	N57597	0.00755762	12	6						86.81904	69.00406	78.71874	117.0413	87.88247	95.02561	264.6223	153.3624	306.0384	108.623	89.70467	159.6864	129.8456	113.7894	89.4662	235.7954	101.2925	163.1238	174.2606	144.3062	240.3058	126.4468	111.3972	136.4438	181.9215	143.6223	108.4858	
CUST_38853_PI429010886	M31235	0.00755817	24	9						795.5533	439.1006	562.954	1738.077	501.1967	997.2176	748.709	1013.822	1197.753	583.1603	4015.947	958.49	1047.139	1459.585	472.4073	848.9964	2047.134	1446.549	253.5695	705.8467	434.2782	359.6695	505.369	710.4288	79.07706	179.4316	160.8732	
CUST_44304_PI429010886	M65561	0.00755817	24	0						37.39308	28.78434	37.93535	9.713824	22.72575	16.15211	32.73463	35.76279	65.69029	14.42489	25.43515	22.68661	18.17826	19.95709	17.54443	10.84565	19.71754	9.659899	10.28025	50.56675	30.44744	35.82514	28.551	23.80329	44.52224	26.4274	40.991	
CUST_51083_PI429010886	M92094	0.00755817	24	0						71.85783	66.3493	77.2068	63.62492	53.76691	64.37351	45.57662	41.31713	50.19242	71.44611	48.96667	41.27805	80.65861	76.65834	43.24498	58.51048	65.62334	46.10518	89.44264	68.03257	59.67994	106.9674	77.01155	44.70348	92.88966	94.90029	83.31337	
CUST_7672_PI429010886	N21898	0.00755817	24	0						274.2134	310.9804	416.251	324.9732	270.7536	390.2201	218.889	307.9833	377.4146	227.5059	292.5506	278.2449	297.2551	219.923	231.4277	215.1868	213.4123	241.8418	284.2467	281.5287	336.6729	232.1097	276.0279	310.2309	318.2644	279.6802	456.5305	
CUST_32849_PI429010886	M5265	0.00756237	18	15						250.9068	438.2874	126.4468	159.5479	32.80252	84.98418	316.3525	203.5459	161.2674	225.8691	135.1101	9.394115	385.6874	256.8674	231.134	373.7341	677.2359	225.3038	327.6721	85.26437	256.6162	108.2084	51.83708	171.0499	448.4659	243.4049	125.4154	
CUST_48740_PI429010886	M81953	0.00756237	18	15	332023809	Vigilin [Acromyrmex echinatior]			9.52E-32	833.5137	716.1458	525.9937	615.1114	381.849	525.6391	1147.195	649.314	789.8715	885.8693	383.2384	560.4998	724.6231	534.2591	594.6179	1337.377	862.1694	1040.093	904.627	490.7221	707.3888	539.4622	433.0002	490.5865	687.0247	597.9185	519.6084	
CUST_717_PI429010886	N6903	0.00756362	15	12	345482582	PREDICTED: aminopeptidase N-l	Protein metabolism	Proteolysis	3.93E-51	475.8315	931.8674	285.7364	424.0822	124.6245	325.7046	911.7924	677.9076	341.84	962.3475	624.4152	235.4891	1009.169	661.8815	628.1097	2177.847	1342.206	2034.424	172.2067	140.6285	129.1607	441.2406	506.3774	324.921	1400.583	876.9516	281.6983	
CUST_39252_PI429010886	M36727	0.00756429	24	3						2088.583	22.89373	1375.234	3851.521	3660.946	3208.57	93.13119	72.81177	36.43276	39.09998	2150.693	2447.506	67.62577	8644.801	6897.446	16.00252	47.33022	54.26863	6.429065	24.25396	7.457449	215.9178	94.76517	292.2414	16.0188	48.99281	20.72897	
CUST_5127_PI429010886	M12833	0.00756638	24	0	260801994	hypothetical protein BRAFLDRAFI	Metabolic process	Carbohydrate metabolic process		777.6219	577.9786	773.0893	536.9014	408.9306	431.8791	415.3144	361.3178	432.6388	822.9225	429.5829	558.6463	720.9725	267.6739	353.9275	404.7001	466.8411	287.1316	383.8668	343.8057	218.4783	467.8312	600.976	500.7179	523.1285	662.3233	777.0993	
CUST_37265_PI429010886	M18413	0.00756856	15	9	13898841	CUB-serine protease [Panulirus s	Protein metabolism	Proteolysis	8.86E-31	174.4941	210.3991	320.8204	108.558	243.6336	37.19071	150.7849	139.1998	236.2202	262.806	357.296	299.2328	201.7307	224.7721	356.9618	181.3177	264.8027	144.2677	158.9852	197.4942	102.8306	203.4662	44.79451	198.7781	115.5828	425.7716	589.8797	
CUST_14990_PI429010886	N33813	0.00756929	15	9						49.78973	22.30972	107.8039	165.2661	82.27528	141.2799	58.08676	61.75273	107.0876	407.7964	418.6023	366.7915	80.25802	50.23652	43.9077	NA	131.3145	NA	184.1143	63.68621	171.0275	182.6495	197.7072	155.0651	126.6423	108.6739	197.2716	
CUST_19263_PI429010886	N41271	0.00758447	18	6						10.06086	22.44883	NA	204.6859	59.6688	165.7618	93.04693	424.8811	412.9087	53.37075	59.80532	8.681841	41.13599	87.20964	86.07541	43.27654	80.16932	72.22265	101.361	47.21843	57.64367	53.17689	40.48248	87.42396	131.0463	145.9895	234.4037	
CUST_18999_PI429010886	N40807	0.00759802	21	6	321478953	hypothetical protein DAPPUDRA	Transport	Protein transport	6.56E-67	58.69436	41.65544	37.51134	52.34706	52.44267	32.41159	59.47811	49.48565	44.69809	41.50754	39.22128	69.06046	51.73381	38.94229	42.27337	38.81388	22.60023	42.62886	42.11956	14.5199	28.72917	46.82802	43.8169	39.89679	43.34	47.13	80.77747	
CUST_55179_PI429010886	M109018	0.00760801	24	3						1039.627	NA	1150.764	1378.281	1260.081	1380.017	NA	20.81138	9.003802	450.9209	1798.348	366.4491	677.6753	1193.156	1532.345	NA	4.403942	4.222134	8.914356	28.41121	13.56629	828.1272	569.3405	805.4745	47.87148	137.8056	126.4673	
CUST_44698_PI429010886	M66704	0.00760884	21	9						72.5607	56.65028	52.6814	66.49647	109.8092	66.22157	79.30248	66.63719	72.23349	85.98865	77.87097	95.69298	76.69145	80.01788	127.8764	76.31853	41.47035	75.98892	84.57655	56.44652	92.68642	66.05158	65.51653	64.18993	72.75115	83.91189	107.7215	
CUST_34474_PI429010886	M9776	0.00761493	18	15	291236799	PREDICTED: MGC80816 protein-	Metabolic process	Cellular amino acid metabolic process	1.62E-91	18.50635	24.61357	12.1921	13.76817	13.45946	20.0084	19.06805	33.5806	17.90327	25.54534	35.35085	18.71717	16.10329	NA	23.52214	26.87282	38.23559	28.51548	14.37116	14.0177	18.87134	20.62724	11.13493	12.08009	26.86328	17.75786	23.31843	
CUST_13854_PI429010886	N31892	0.00761956	15	6						9.721747	13.36765	10.87054	8.360391	12.78321	9.078909	10.7714	18.01233	13.24663	7.920298	11.21773	5.396608	NA	10.35834	5.873873	7.248302	6.534983	10.70603	11.68939	13.09533	11.87886	16.78894	29.58629	12.16843	18.94246	15.29246	8.460507	
CUST_5030_PI429010886	N18173	0.00761804	24	21	345497365	PREDICTED: semaphorin-2A-like				235.4891	379.5535	338.0427	275.7847	211.3422	227.3167	299.9819	319.9319	323.2204	303.7619	215.1868	294.6196	350.2239	254.0305	273.5066	305.3135	379.6086	334.9433	393.358	337.0445	340.7848	367.1233	346.5231	398.6975	353.5003	295.7504	393.8421	
CUST_44028_PI429010886	M64698	0.00762642	22	18						NA	7.156722	9.928002	10.17714	6.378654	5.510486	182.9511	6.537448	134.3368	17.08055	12.48615	NA	28.46437	11.22943	NA	15.41425	5.140584	20.25781	258.2813	401.3498	913.5277	46.69609	53.86055	30.98378	86.62987	11.62724	71.12138	
CUST_7889_PI429010886	N22228	0.00762387	24	18	321477199	hypothetical protein DAPPUDRA	Cellular Process	Cell growth	1.52E-73	77.34627	118.1364	96.91497	75.77051	77.8809	66.2384	62.95202	90.68839	91.87245	90.35029	72.49896	87.53029	82.35709	74.49329	78.80045	81.42279	137.9765	105.1495	91.75455	112.5697	125.3758	96.9591	104.8945	104.0183	99.49612	82.19156	104.1208	
CUST_22043_PI429010886	N46318	0.00762387	24	3	15718457	peroxinectin [Penaeus monodor	Response to stress	Response to oxidative stress	3.99E-32	33.75196	21.30308	18.74814	43.56758	93.55501	68.33012	26.36566	31.80176	15.58835	22.53853	43.40182	44.28707	35.23063	36.04692	45.8224	20.84673	15.96403	17.92151	21.43699	27.87602	12.94982	21.20837	10.42743	18.02157	21.77765	37.2113	23.23151	
CUST_92_PI429010886	N735	0.00763402	15	0						25978.53	18758.28	20563.31	33176.01	9629.338	20708.31	15900.37	14256.4	13481.03	8827.334	13685.2	9889.351	12496.19	23231.4	19791.01	16553.17	19010.63	17837.79	13737.98	13098.74	14642.96	10626.1	22092.06	12648.44	9376.495	13988.25	11952.65	
CUST_37496_PI429010886	M19243	0.00764631	12	6	290908989	myosin light chain [Marsupenae			1.34E-40	825.7252	711.4323	851.1928	973.3791	753.1726	833.7381	1462.033	909.9142	1069.345	889.3882	816.5697	789.0657	848.3549	717.7206	442.5726	1631.254	1183.911	1393.298	1537.641	1166.063	1888.631	906.8146	828.8502	937.5478	1132.475	764.2764	1102.526	
CUST_43785_PI429010886	M63977	0.00764631	12	0	157134727	hypothetical protein AaeL_AAEL			1.64E-18	40.28089	41.86801	52.68847	42.92948	37.31972	35.10272	33.22428	33.57662	35.62951	42.18222	38.21258	27.89407	60.45051	31.67678	45.55903	34.09891	34.76743	26.15886	26.06089	20.8587	27.51459	49.42933	23.88306	50.84751	41.89699	36.84812	47.57931	
CUST_50801_PI429010886	M91042	0.00764859	21	15						138.6464	332.0817	25.01557	279.7318	43.78128	320.8212	509.7706	391.6595	182.702	378.8803	279.8938	118.8608	537.8527	325.5716	488.2191	836.1158	564.8143	664.2531	414.4128	98.37749	352.0796	82.08894	312.1666	100.0827	771.0455	617.6234	23.78991	
CUST_38781_PI429010886	M30311	0.00765248	24	3						69.93972	27.40129	72.71537	104.9484	401.3498	189.5806	33.88153	70.14984	18.86819	25.25032	364.5679	293.934	17.98274	205.6925	185.8715	26.50987	28.87489	11.53597	13.79034	34.56049	12.02318	38.07374	38.65212	18.84357	57.32748	56.00071	13.08598	
CUST_7715_PI429010886	N21954	0.00765248	24	3	169931080	cuticular protein [Artemia franci	Metabolic process	Carbohydrate metabolic process	4.97E-27	564.5167	454.5758	398.4892	593.3017	1453.134	1177.475	356.4497	616.0609	273.8482	415.6373	1049.045	1015.318	267.8251	685.2688	722.3326	479.2755	385.4238	332.944	260.1465	399.5202	238.775	330.5351	371.2053	328.6973	306.0384	675.5040	360.2285	
CUST_9068_PI429010886	N24013	0.00765608	15	12	291238891	PREDICTED: RAS protein activato	Signal transduction	Other	4.4E-14	18.95217	30.3574	23.92527	38.45768	28.89254	24.16822	12.48615	17.07418	16.05064	28.99089	25.55323	47.20876	22.51636	30.90807	51.83708	28.13189	23.95909	26.33135	21.89919	25.18751	29.28939	15.68303	14.21299	22.67946	34.37978	25.7341	32.98204	
CUST_25095_PI429010886	N51774	0.00765763	18	15						29.02458	30.44744	22.41168	19.01967	17.75609	23.5771	44.22224	42.93819	36.98876	34.18834	33.33788	27.92224	25.17932	22.74717	20.61232	42.94276	37.68818	46.7009	30.3832	32.69318	25.02902	26.0713	21.38839	19.56944	29.36748	22.1072	29.666	
CUST_1373_PI429010886	N9437	0.00765763	18	15						178.3394	368.9684	249.5189	192.3394	115.5416	202.183	438.1085	331.8463	289.7381	389.6444	191.2871	191.082	365.3294	213.1128	216.5705	552.0297	476.9732	522.858	345.8264	197.1967	410.1393	175.1243	224.8574	220.4205	394.193	277.4142	243.543	
CUST_38027_PI429010886	N22886	0.00765679	24	0						8430.296	17658.04	20616.2	12211.42	3859.53	3968.622	10897.12	10871.96	13559.72	5394.696	4913.686	3085.208	11289.6	6452.703	4090.127	13281.09	8321.498	13098.74	15630.09	14580.94	16690.76	7610.57	10142.18	10294.69	14764.65	10605.81	16070.74	
CUST_47018_PI429010886	M74523	0.00760856	15	9						45.24721	33.16469	49.63757	42.24729	30.69119	33.48088	44.97817	29.67693	33.746	54.56863	34.94317	59.9228	50.94583	37.17438	42.89355	39.16223	32.73463	28.69416	31.90012	28.24507	31.08617	47.97144	36.06722	47.71104	58.9878	37.31263	39.23752	
CUST_12473_PI429010886	N29519	0.00765118	18	3						8.15959	20.44981	13.6668	12.02678	30.72076	21.81818	13.905	12.40953	23.69946	11.27508	15.49423	8.950493	9.101709	9.548881	9.326879	8.428222	21.38085	15.41579	13.1424	25.09267	23.80329	13.20553	44.7999	35.07134	9.569825	19.32802	17.32917	
CUST_55603_PI429010886	M110921	0.00770253	21	0			Transport	Other		17.82688	10.5374	21.61569	14.54604	9.708019	17.05355	27.71884	14.20626	5.561634	12.08009	8.378958	13.71712	6.968697	9.640177	7.21144	15.37929	23.9895	11.61625	12.61861	14.42132	14.97194	28.23949	26.0713	13.48116	12.2567	15.0561	9.843601	
CUST_44357_PI429010886	M65706	0.00770253	24	21						18.49557	14.91599	18.8308	17.39682	15.18833	17.61709	14.96774	16.96246	11.15725	6.467201	16.59434	18.10243	11.81841	7.578741	18.99016	19.47164	12.39656	13.66174	15.93995	14.80006	18.19202	22.629	17.6345	23.85395	22.81234	23.40815	17.54223	
CUST_35496_PI429010886	M12718	0.00770785	24	0	72160341	PREDICTED: WD repeat domain-	Metabolic process	Other	8.4E-86	56.3623	59.30659	68.41738	41.52352	34.39051	43.05092	36.96718	44.03097	47.47428	47.28223	69.55079	44.42034	30.73256	33.94092	42.90901	51.93257	50.16621	52.56129	49.32564	50.84751	40.88884	37.71176	54.71169	49.19586	55.34035	52.84948	53.65203	
CUST_27308_PI429010886	N55821	0.00770785	24	0						43.56248	31.45292	43.5104	19.87929	35.02468	29.7549	32.76569	28.37326	29.35282	11.21622	40.43868	36.72221	29.52349	25.58133	17.02151	35.93556	25.53483	31.64857	38.38502	24.41916	25.0763	33.67688	28.66131	29.18456	37.45982	40.97531	47.83193	
CUST_57048_PI429010886	E154	0.00771571	24	21	399936392	voltage-gated calcium channel b	Transport	Ion transport	1.63E-45	396.05	507.7884	441.5527	331.6434	435.8605	374.9091	333.8469	435.1623	445.9579	422.8235	406.5634	284.9168	472.7524	371.2053	459.6187	506.9058	498.1009	562.4363	402.5585	412.5149	538.9124	480.6993	538.8011	522.0737	488.48	462.0354	617.3702	
CUST_43559_PI429010886	M63351	0.00771571	24	21						168.8172	261.3125	207.4443	197.5933	231.2123	156.768	156.8206	257.4878	199.2769	178.2425	203.0154	176.1711	168.7955	181.4338	208.0709	178.619	277.0946	206.5859	195.8784	231.0141	263.8276	235.6412	308.6874	302.6664	231.9647	241.0942	324.1912	
CUST_15386_PI429010886	N34500	0.00771571	24	3						508.1759	308.1102	343.6496	409.9614	405.5854	500.1661	242.8747	302.6134	183.6447	198.1815	292.7159	295.6289	157.1785	270.4208	264.9542	230.1554	156.3694	183.6827	229.3211	215.5592	184.5342	380.5457	218.9179	322.6893	161.5143	213.3759	193.0588	
CUST_20197_PI429010886	N43005	0.00771571	24	15	321468304	dishevelled-like protein [Daphni	Developmental process	Multicellular organismal development	5.05E-43	18.1699	17.91593	18.58892	18.77059	9.160132	17.81281	19.10616	15.13566	18.69594	15.52247	16.36771	17.84997	22.12571	11.3602	21.65945	23.17996	26.4274	24.71432	20.76264	15.39457	21.2032	23.5397	20.78849	26.20109	20.96508	14.62836	19.78273	
CUST_21921_PI429010886	N46098	0.00771571	24	15	443717346	hypothetical protein CAPTEDRAI			4.4E-31	34.37539	46.24985	17.84342	24.19026	17.82226	26.83914	30.26815	46.43451	23.90216	52.21427	33.63302	28.12273	35.97882	38.81388	28.5396	41.77489	52.43098	55.24742	29.81389	39.43512	27.59657	45.93201	31.00644	24.54963	22.41344	47.46533	30.84622	
CUST_988_PI429010886	N1821	0.00771571	24	15						124.3947	179.9884	125.4804	111.6069	113.015	139.8881	128.0875	129.4603	150.7129	89.73784	115.4585	110.2733	148.2361	109.7513	159.9694	176.6206	197.8624	136.9021	163.782	137.6846	131.3274	153.4348	158.4928	141.5029	159.1327	137.7481	
CUST_43311_PI429010886	M62710	0.00772142	15	0						22.86698	25.70782	12.96173	10.33674	14.29283	21.73515	20.53592	23.65361	12.76402	6.110374	11.87593	9.082829	11.91014	26.4485	19.6251	21.86715	22.48649	23.38714	14.57956	18.46268	10.60676	15.07053	45.08105	19.33678	8.559475	8.96678	11.51019	
CUST_44649_PI429010886	M66572	0.00773062	24	12						73.93804	35.78924	67.52243	85.62565	97.52903	105.1602	50.0221	43.05532	67.14461	63.88807	79.82778	97.21065	83.83043	111.4813	194.1916	62.76751	46.72845	53.48046	67.10463	50.47426	74.60421	49.11012	39.4828	43.70175	60.04487	46.69609	65.42578	
CUST_47756_PI429010886	M77488	0.00773853	24	21						25.61659	20.21086	24.73091	32.75067	34.13078	14.58324	9.11075	14.67236	14.77631	17.5656	13.15696	18.80957	37.28248	10.31608	36.10172	11.34354	13.72761	26.09025	28.19237	38.07503	37.86955	29.97997	35.03557	45.5101	16.61149	19.24274	46.32151	
CUST_16503_PI429010886	N36346	0.00773879	21	15	321473698	hypothetical protein DAPPUDRA			2.89E-22	59.59396	109.5906	73.3346	86.31943	77.83598	64.71262	85.16727	78.18913	76.00489	63.14073	63.81813	54.16069	80.72426	76.68447	72.84435	116.3062	107.8221	125.6495	73.46044	90.05411	92.85843	77.808	78.5366	89.70467	105.619	66.94807	81.07922	
CUST_53245_PI429010886	M100965	0.00774205	24	18						20.77726	53.41659	38.1445	20.3194	21.99164	22.9157	42.5644	41.18226	37.31972	34.93951	36.32296	35.06662	27.72385	33.5806	32.45769	42.80111	40.80443	43.72166	52.15113	57.62248	62.73874	29.85271	32.56414	46.2714	48.86558	33.86827	61.2068	
CUST_53969_PI429010886	M103921	0.00774205	24	21						75.78646	54.46319	69.47326	65.52411	70.72448	57.58975	74.42622	59.07254	63.14866	78.39296	68.02537	105.4571	73.52254	41.94644	71.49082	78.18913	74.22801	79.2021	82.1818	69.93972	79.56634	109.3613	87.45577	91.27426	88.34301	83.64481	101.572	
CUST_32704_PI429010886	M4879	0.00774205	24	18	242019841	Flotillin-1, putative [Pediculus h			4.75E-77	72.50711	97.25517	88.59515	75.95975	84.83411	77.98875	75.43954	79.08754	85.98865	99.58967	82.54419	105.87	80.1827	85.71168	108.4858	92.02415	95.08224	115.186	99.19887	102.4924	133.2629	73.05642	101.508	120.3932	99.66557	93.27554	152.4015	
CUST_33673_PI429010886	M7566	0.00774205	24	18						197.2216	125.4154	147.4173	120.6837	64.49711	84.21664	148.4289	188.3607	185.198	193.3026	138.9709	144.4561	155.8206	143.2998	114.7343	362.5008	121.8844	284.4662	537.7378	215.6896	441.4649	188.1296	108.1041	147.3568	394.7866	147.0849	285.4767	
CUST_6970_PI429010886	N20851	0.00774205	24	3						503.6798	562.7989	656.9404	609.6218	714.2812	714.4899	333.7063	465.6755	481.8774	389.8933	673.8771	516.6055	430.8354	505.5201	579.318	386.8087	495.5669	496.3451	340.9357	436.7155	419.9233	454.5758	570.5532	486.1663	484.1868	443.4999	546.6865	
CUST_15849_PI429010886	N35242	0.00774205	24	21	321473690	hypothetical protein DAPPUDRA			4.85E-17	29.97378	40.98047	51.17522	41.24111	42.70736	37.36406	33.18448	19.86462	25.61949	44.72843	26.66045	54.27691	55.14747	33.2361	48.47319	70.06906	32.77297	52.66618	40.87561	40.83466	45.84356	62.88893	47.70751	74.20038	72.18458	39.33451	61.33441	
CUST_1524_PI429010886	N9934	0.00774205	24	3						57.47217	51.15383	32.65563	75.43954	36.41114	69.65321	53.11562	43.78128	38.02572	53.65203	44.28707	56.86607	41.79921	28.5396	39.82958	35.97416	54.22723	36.8404	22.35262	19.63812	19.62318	47.97707	34.6494	44.87713	68.16127	16.9478	38.3812	
CUST_1184_PI429010886	N8771	0.00774192	15	12	124495004	putative cuticle protein [Artemia			6.45E-15	2547.238	1504.447	1520.832	2881.653	3232.565	2604.346	870.1856	1082.664	623.3324	1222.23	2058.438	2561.777	1641.783	3401.586	3851.521	3679.2	2030.062	2698.998	689.0797	1655.603	1063.435	1307.316	1443.341	1462.785	1292.915	2904.283	1180.485	
CUST_47870_PI429010886	M77959	0.00774619	24	9	383850494	PREDICTED: stromal membrane-	Signal transduction	Other	6.56E-43	108.7426	52.11425	83.65467	60.5679	70.64915	50.88233	77.00089	54.93024	74.59679	85.63473	156.5799	85.38787	99.38318	66.66302	119.3101	76.83706	33.19846	57.63804	54.61715	49.0355	48.6073	64.27006	69.00406	69.48765	55.28196

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_16794_PI429010886	N36883	0.00793441	18	15						426.1948	719.7217	470.6338	386.2259	263.6152	315.8311	665.1463	511.4855	419.0196	495.8587	278.5346	318.6428	446.5017	338.5986	369.2112	507.9246	898.791	860.0989	417.1463	493.0213	485.2701	330.1216	304.875	372.0362	538.3095	423.6	368.7015
CUST_20806_PI429010886	N44092	0.00793144	18	9						11.83438	17.24019	14.1297	26.41027	17.1309	16.51861	18.61955	16.69103	23.97222	45.10508	29.21779	29.58249	27.23128	14.01651	27.41265	25.88343	22.78614	26.94621	16.78485	19.80567	20.77278	44.07915	18.88565	47.42663	29.46145	21.98453	43.04131
CUST_30534_PI429010886	N67025	45.77341	18	15	321465392	hypothetical protein DAPPUDRA	Transport	Vesicle-mediated transport	9.84E-31	51.09373	40.75864	34.39051	21.0164	19.19666	24.06365	31.07591	47.45891	43.31704	35.44968	17.95932	34.99723	76.25504	35.63867	19.47348	48.78657	51.33814	40.82926	36.72586	15.73759	39.30986	25.89322	27.34609	19.75116	26.70103	34.9506	45.7721
CUST_37113_PI429010886	M17882	0.00793578	21	9	321472705	hypothetical protein DAPPUDRA			5.81E-31	1123.543	1534.973	196.475	1215.754	3914.879	3647.267	3620.969	2305.958	1904.856	1154.585	4841.865	5826.27	1121.501	2751.324	2484.399	3675.29	2271.439	3166.856	1207.663	1743.671	1522.629	236.5379	1769.667	288.5968	748.449	3240.436	116.3326
CUST_14704_PI429010886	N33326	0.00794697	24	15						32.90484	50.69492	45.18209	31.2401	34.39364	26.20354	52.58831	67.72081	30.22132	51.99386	30.35985	30.10754	46.80045	42.2303	42.66588	51.76488	88.12342	61.63075	44.50543	48.98205	45.44328	27.2264	43.22401	44.9498	36.32694	48.39798	40.11852
CUST_14284_PI429010886	N32632	0.00797816	24	18						42.57027	52.49326	39.49765	28.43382	20.85079	30.27186	19.52955	38.8005	45.74936	36.00369	28.2205	33.59475	32.47195	36.52621	20.19825	30.33619	49.83616	38.46934	42.40452	47.30405	50.29015	36.73202	61.97033	43.72166	46.49241	38.52874	44.56209
CUST_38696_PI429010886	M29152	0.00795116	24	0						67.33902	72.97666	78.43006	73.85955	73.65204	65.61458	67.68103	69.71083	52.45299	48.58376	61.57198	72.32818	67.3285	64.83629	74.58857	74.4166	58.30569	76.58195	50.38885	74.63073	66.51767	97.46284	72.26194	78.3726	90.37428	79.5268	84.2744
CUST_14466_PI429010886	N32934	0.00795116	24	0						267.1275	422.3982	397.7869	247.374	356.4497	254.459	305.0003	361.1116	398.8954	307.0639	276.1893	367.1233	292.7159	295.973	336.212	339.8451	372.6214	399.349	355.1717	373.8469	407.4228	388.9715	399.8074	457.0998	450.6028	410.5544	549.8031
CUST_9492_PI429010886	N24728	0.00796226	15	6						50.47426	53.92132	52.81957	30.79372	76.43278	58.73466	52.35235	78.87059	77.01155	40.08729	34.40062	52.70059	42.80977	54.49956	53.8169	58.70606	40.53493	47.44242	60.11411	83.10688	65.35932	73.58526	100.8435	73.7088	52.73695	63.88807	67.0724
CUST_18262_PI429010886	N39457	0.00796809	15	0						NA	89.4662	NA		41.50445	31.04885	37.89734	79.66914	77.47208	5.259486	53.7784	73.86844	19.64634	87.59003	59.35684	69.6885	87.56469	166.7877	105.285	47.18539	14.24966	34.04952	12.98636	12.60408	14.53482	104.661	99.53837 NA
CUST_14197_PI429010886	N32471	0.00797101	24	6						9.273221	8.512367	NA		8.015023	16.46322	13.39577	13.95493	NA	NA	8.460507	NA	9.700016	12.57883	7.630778	20.39754	8.388209	NA	8.979767	3.651166	NA		3.790811	10.28202	5.239057	4.065752	5.579461	5.035991	NA
CUST_47953_PI429010886	M78273	0.00799781	24	21	328751381	carbonic anhydrase I [Litopenae			1.33E-18	49.66108	45.11511	60.66586	87.15453	101.9186	31.45923	40.5192	41.19213	56.30846	31.51184	44.38734	37.76079	47.99288	54.70587	58.82621	51.171	53.15363	58.06369	53.41659	97.52903	106.8768	62.73163	80.28093	58.42497	92.71133	57.46071	111.6232
CUST_25543_PI429010886	N52606	0.00799787	24	21	213512304	Inosine triphosphate pyrophosp	Metabolic process	Nucleobase-containing compound meta	1.88E-28	39.55568	38.95176	30.39026	50.78318	33.44592	36.40731	37.80064	32.32188	29.26288	41.78715	21.9474	31.36138	38.2274	33.06699	25.81487	32.57817	42.07458	37.42403	40.23235	22.16329	33.80478	51.46661	46.8318	45.65444	44.97817	40.04223	40.02352
CUST_4563_PI429010886	N17035	0.00800475	24	18						41.27805	34.01063	26.79132	42.64535	5.241251	33.6985	89.69199	100.875	120.9827	156.988	73.99941	21.61569	151.0875	25.41267	133.5115	111.6865	58.68809	165.8977	213.3383	219.1089	401.1245	117.7735	23.05084	58.68809	270.8095	16.23895	205.3407
CUST_12859_PI429010886	N30165	0.00800761	24	3						NA	16.13712	10.68459	NA		22.51636	23.21362	11.48896	NA	12.25846	NA	8.550634	6.955349	6.410283	14.19705	5.421258	11.80858	8.991143	10.6926	NA	9.392936	7.237005	11.05532	8.448438	12.92804	12.84299	17.50536	10.69641
CUST_46734_PI429010886	M73555	0.00800774	12	0						113.8465	617.0017	159.8296	76.45795	28.90914	49.87572	28.19441	NA		25.97013	28.76849	24.03275	42.70334	327.6721	4.516364	254.714	61.4292	242.9342	190.2229	7.171959	7.041787	7.622177	31.50642	21.7713	35.29322	20.04588	111.8276	158.8243
CUST_20933_PI429010886	N44330	0.00800854	15	12						16.74062	17.33337	16.31227	7.485899	7.58043	9.748353	11.39082	24.5682	8.503753	21.57456	15.88853	4.864944	18.52564	23.27767	16.80349	10.66953	9.313657	11.10999	15.52603	6.327133	4.586777	20.94698	21.64409	9.712808	26.19258	11.82162	11.48486
CUST_33636_PI429010886	M7842	0.00800872	24	21						1547.502	2300.958	2420.859	1608.753	725.9659	615.9354	2400.564	1541.174	2702.508	1708.051	1128.705	1056.414	3611.195	1825.053	1278.279	1512.062	1200.665	1241.2	4105	2990.827	3151.384	2950.531	698.717	3205.37	1100.385	2263.041	4105
CUST_52948_PI429010886	M99579	0.00800872	24	15	459353537	ribosomal protein L18 [Litopena	Protein metabolism	Ribosome biogenesis	1.09E-21	8362.147	12523.21	8736.825	8227.781	6439.853	7248.769	10815.88	12165.66	11475.48	9425.197	7402.627	8025.596	7983.519	7832.882	7316.568	15012.16	12648.44	15045.33	9889.351	11094.64	14285.49	7807.75	10485.81	9759.347	8417.477	9550.071	12043.33
CUST_5357_PI429010886	N18586	0.00800872	24	15						371.8649	759.7943	551.71	508.513	336.5251	383.2384	744.9105	741.1426	849.7105	628.1097	376.8731	422.5065	594.8478	444.244	431.7294	773.3668	948.771	952.9844	682.1223	554.2471	767.0668	480.3553	521.086	526.4775	589.5468	457.7423	610.8134
CUST_10944_PI429010886	N27030	0.00800872	24	21						17.86008	23.18254	40.59839	17.91133	35.27538	23.42954	23.01802	25.38551	19.87929	17.81491	14.67985	24.07412	24.89861	18.60134	20.83811	23.41694	30.37998	29.96804	27.34971	21.56373	20.24228	45.04182	26.21182	37.85657	33.56909	33.77513	37.42032
CUST_21408_PI429010886	N45160	0.00800872	24	15						509.4445	897.658	508.7574	578.6613	447.5258	443.191	795.9001	698.2425	745.8583	703.6419	436.108	505.5201	639.2868	527.9796	505.1911	1050.367	900.553	904.3497	723.9274	606.3479	792.9194	477.7276	649.1337	659.9573	606.1742	570.8807	693.3608
CUST_21794_PI429010886	N45867	0.00800872	24	18						41.62674	37.98103	55.23799	43.62046	30.73939	39.86612	33.5564	30.99993	24.61357	139.698	28.31962	127.7313	39.41926	30.65511	31.52857	45.84356	83.83975	71.43667	319.3967	73.01092	225.0187	61.50475	29.30404	43.98997	132.3608	27.54533	89.86465
CUST_29124_PI429010886	N59246	0.00800872	24	15						308.8108	308.5071	268.6876	256.7541	248.0205	273.3536	303.7038	257.1241	337.9166	339.3438	217.5757	316.7134	318.1116	261.9111	337.7577	413.2862	340.9357	352.0102	397.6869	269.1036	334.5246	365.0376	295.4891	341.4287	362.6643	273.556	387.9483
CUST_24707_PI429010886	N51124	0.00801258	21	0						108.1041	80.3791	51.9988	53.8516	43.09613	50.85543	43.38791	60.05636	46.17834	45.08105	54.80637	39.6536	42.35625	36.29093	53.90529	43.01095	53.88747	29.95378	46.77922	45.83845	31.8265	74.36638	51.15383	68.88761	52.6416	72.38862	44.47768
CUST_37881_PI429010886	M22033	0.00801815	24	3	152949487	calcification associated soluble r			1.1E-23	144.5431	65.83412	95.30674	364.5679	1495.315	1063.435	364.9578	269.2064	87.84235	35.18384	743.9121	902.1594	45.49999	1122.961	1337.377	117.6349	87.01734	106.4017	31.72419	57.23466	36.5095	17.80399	72.78292	39.70565	30.37998	141.9587	51.83065
CUST_53141_PI429010886	M100385	0.00803004	15	0						32.87709	31.50316	39.63441	29.51805	28.12044	36.32296	18.99799	19.71392	32.84255	40.22045	21.34009	27.35507	35.93244	25.44962	28.0728	39.6536	31.20454	42.37353	22.44464	32.33214	31.60721	27.51459	24.05563	26.97533	36.78126	31.2401	27.97979
CUST_43664_PI429010886	M63625	0.00803004	15	0						39.95843	38.58331	29.79027	26.61853	16.02629	26.15603	7.96838	22.91081	25.50686	21.29142	26.0838	32.7919	26.0759	27.14447	14.67236	25.21148	63.14866	67.85229	21.87979	15.31282	27.50901	24.85202	18.5845	23.48051	31.84126	25.14223	17.2236
CUST_33009_PI429010886	M5713	0.00803843	24	18	291220823	PREDICTED: Saccoglossus kowal				39.11041	95.52209	71.86601	88.16698	62.53388	50.78318	50.69876	48.20014	56.80856	33.51959	63.06627	55.7467	56.9001	65.75115	71.5149	55.72212	63.02678	64.42288	77.54349	89.05929	87.34939	71.7184	61.03293	79.45422	70.12343	66.99064	95.98627
CUST_10255_PI429010886	N25954	0.00804637	21	15	512919574	PREDICTED: zinc finger protein 5			8.18E-13	23.79553	21.52625	27.09196	25.01557	27.61361	25.17677	26.06752	26.71367	24.34343	34.38418	27.99322	35.53128	33.63623	23.23737	26.32889	31.1712	38.21258	37.68818	36.51861	22.74717	31.2936	20.55179	21.56373	25.7844	32.10997	33.26372	29.04788
CUST_47958_PI429010886	M78292	0.00804761	12	0						55.05576	39.98058	59.66359	36.97883	41.92055	50.99975	40.78815	34.42594	39.40714	34.85943	50.77623	54.06274	80.02644	40.48622	71.56025	39.77946	28.3901	39.33847	50.85543	45.01993	42.10601	56.45276	48.09451	67.96481	61.98746	46.38013	79.92781
CUST_18666_PI429010886	N40192	0.00806105	18	0	133754273	inhibitor of apoptosis protein [P			5.25E-16	346.4474	401.6396	384.6227	429.8212	276.3758	342.3203	218.7535	445.4238	451.0149	222.4664	269.1036	175.1243	241.668	279.0664	243.3699	304.3391	272.2877	251.4219	404.8745	371.9503	435.509	395.794	295.8529	333.0274	389.053	369.3009	297.188
CUST_23416_PI429010886	N48803	0.00806984	24	15						38.01913	76.66571	61.9265	67.34563	87.87185	75.13872	59.19241	75.50155	55.88006	65.83412	57.9032	60.75399	75.96972	68.51645	68.06818	102.0887	86.83154	69.83801	58.60167	67.29151	69.30661	71.66506	55.06924	64.78842	54.94337	54.37537	47.59053
CUST_55002_PI429010886	M108370	0.00807692	12	6	260787569	hypothetical protein BRAFLDRAF	Metabolic process	Other	2.57E-16	4.396195	6.179101	NA	4.476541	NA	NA	20.4296	NA	18.76673	11.65887	NA	4.79788	NA	NA	4.023157	21.62227	7.514308	15.68854	17.87345	90.15514	138.9534	16.01417	4.989346	13.35908	18.25369	4.549127	11.98927
CUST_24219_PI429010886	M50348	0.00808714	24	15			Metabolic process	Other		7.103758	9.11551	51.39126	5.922716	3.32888	7.934974	3.874399	3.703598	8.64742	6.633834	5.983227	NA	14.45929	7.830046	7.338335	12.62994	26.56674	13.50493	9.317073	NA	10.70762	10.36312	6.627878	8.817108	18.41119	13.64514	7.309623
CUST_33220_PI429010886	M6327	0.00809203	24	18						15.60281	20.08558	16.69988	13.71972	13.89788	17.39101	33.47256	14.60762	50.4405	31.08965	19.67547	38.42576	22.45935	34.95499	21.14216	23.19651	26.70669	22.02084	47.81083	157.2166	25.61089	39.60134	10.8487	47.26148	42.69941	29.74161	59.61189
CUST_33858_PI429010886	M8062	0.00809731	24	21	210062959	C-type lectin 6 [Fenneropenaeus			6.29E-28	782.9344	756.8703	694.7413	782.9344	626.641	620.4556	605.8123	677.4857	659.7683	838.6312	638.3206	655.1561	867.9312	550.4921	637.7947	834.7743	704.6212	625.4995	876.0896	637.2271	776.7493	1012.36	1083.233	915.7404	881.5382	642.7419	873.9122
CUST_5386_PI429010886	N18625	0.00809731	24	18						270.5842	470.8549	466.9715	193.8538	178.1189	157.4954	231.626	488.7695	538.9811	212.9726	263.4037	131.1766	291.3655	149.0265	326.2417	458.3577	257.7877	396.5838	632.6818	512.9523	720.9725	341.6702	265.6462	320.4829	616.0609	279.7318	429.0423
CUST_9946_PI429010886	N25450	0.00810376	18	0						142.9419	159.645	164.9432	106.6432	121.9035	148.9148	115.3572	179.2149	147.7552	114.6554	115.5105	98.13418	122.9659	96.68164	121.4525	107.5363	161.4729	117.4173	141.0969	144.1943	186.3368	147.5241	148.4289	132.8026	140.8381	114.4277	130.415
CUST_8322_PI429010886	N22871	0.00810503	24	15						256.4131	277.4142	304.4972	231.9647	215.2938	217.5757	248.0559	208.8662	236.8356	334.6481	272.1212	298.928	261.5479	234.533	220.7429	292.1626	288.7764	356.4497	276.0746	261.5031	294.2691	262.04	244.2151	289.9011	248.9012	224.7721	343.9474
CUST_55657_PI429010886	M111165	0.00810679	24	3						707.3888	117.4669	687.6817	706.0661	3101.358	3098.696	103.9763	868.9348	75.6543	176.2669	1723.472	1374.54	98.85767	1289.967	462.8312	32.04908	32.71622	23.98666	56.4602	684.8522	35.26049	310.2931	304.2261	194.1709	7.097241	1072.507	7.076886
CUST_38304_PI429010886	M25156	0.00810679	24	15						4419.639	5251.996	3342.747	2978.418	2389.711	2314.026	9226.663	6744.57	5666.924	5960.592	4398.359	3968.622	4819.372	3031.683	3145.521	5814.883	10323.84	5514.378	5292.711	6094.281	5298.376	3911.515	4531.71	3480.931	5350.891	4061.362	4150.213
CUST_4144_PI429010886	N16104	0.00810679	24	15						62.5403	81.86695	87.70118	82.53131	55.54321	71.37579	89.37424	119.2957	108.9908	75.07482	52.41843	65.15776	90.77498	101.1304	67.25975	119.3462	141.7704	155.7011	87.16322	105.9605	119.5461	57.81843	93.53318	94.57461	84.63533	101.7482	108.2696
CUST_7699_PI429010886	N21943	0.00810679	24	15						41.57926	45.69732	49.06379	53.98617	45.2886	32.53452	53.30891	50.41173	53.5836	79.37901	40.55409	55.39639	81.14024	38.82932	56.78944	80.24873	60.47985	75.79833	72.68883	47.61903	63.78974	71.24846	46.01299	58.04431	53.4446	51.51478	64.83629
CUST_10458_PI429010886	N26270	0.00810679	24	15						287.6916	316.4278	286.5115	238.1099	178.033	206.4029	408.1953	321.9997	336.4491	368.4918	236.8007	222.0168	391.4124	222.9426	307.6702	533.3565	463.3449	380.0182	486.2941	280.5224	398.2963	268.8247	303.88	258.1565	456.5305	266.3181	367.1233
CUST_13437_PI429010886	N31188	0.00810679	24	15						92.82706	119.4775	101.2137	94.33013	90.69879	83.45736	96.20921	108.1041	113.1214	97.77174	90.28649	95.06795	339.8451	86.51281	118.928	122.7221	117.9028	141.1702	111.8116	118.0906	135.2412	102.1603	114.1092	133.7779	108.5947	102.9161	148.728
CUST_47023_PI429010886	M74559	0.00811401	24	3						162.1178	150.5856	152.4355	204.1816	427.2889	522.6994	147.3568	161.4506	158.8243	221.8495	166.6038	119.3879	157.9135	137.0649	127.7013	199.2769	136.7059	151.4448	159.0794	146.4045	142.9154	205.143	145.2758	165.8065	217.7635	147.5241	161.2169
CUST_5372_PI429010886	N18608	0.00811589	18	15	344288174	PREDICTED: Loxodonta africana	Metabolic process	Carbohydrate metabolic process	9.6E-104	273.556	354.9347	351.8456	284.4662	196.4115	249.8271	418.6884	301.8993	428.2506	533.7924	253.7732	312.4862	454.9515	244.999	308.3526	584.6183	540.438	558.9714	522.3491	231.809	335.4857	325.8846	287.632	258.7066	512.6794	279.5075	387.7178
CUST_15275_PI429010886	N34308	0.00812353	15	9						38.85987	48.51397	47.5648	30.15056	29.19296	37.3089	22.4679	40.22045	36.48955	36.18124	44.68483	54.05823	51.88798	43.83432	46.7009	36.05308	54.5198	36.90512	24.9094	31.95397	28.22804	63.89423	54.73663	57.46071	48.91311	57.12516	55.15568
CUST_33626_PI429010886	M7461	0.00812417	18	3						47.45455	6.671924	63.21401	65.9928	46.90598	47.25275	NA		14.30855	13.69996	59.99813	289.3393	51.69582	57.29886	17.66839	31.46346	5.587374	4.777689	4.200561	39.29429	29.25965	38.97889	47.64318	80.38279	68.82621	30.68536	37.8081	64.95625
CUST_50846_PI429010886	M91224	0.00814035	12	0						23.25373	27.88568	23.72726	1.048855	10.5238	10.40534	15.70448	17.12368	14.29782	11.80584	13.56287	12.94453	19.72473	9.212546	16.45406	13.22612	20.62243	17.41316	19.33949	8.151128	12.15359	8.953032	7.45015	5.437296	54.37948	13.93323	66.05158
CUST_7180_PI429010886	M22575	0.00814035	21	6	225680773	predicted protein [Paracoccidioi			0.000000848	3.97041	29.57251	16.06768	28.94386	11.13203	19.41383	49.29631	15.07604	56.49639	12.31491	5.393985	11.16576	7.613359	32.98204	NA		9.973204	6.558607	NA		3.529865	17.99711	17.65701	30.25497	4.170472	6.1	17.67017	30.24509
CUST_48939_PI429010886	M83044	0.00817492	24	0						164.0887	219.4592	216.5705	187.0484	176.2669	193.9353	162.7145	196.0115	176.429	147.5974	148.55	171.8137	174.5137	194.9703	194.0917	200.48	221.4635	215.601	171.1773	183.166	186.848	179.9021	204.1061	210.8765	200.0776	237.835	242.9871
CUST_54624_PI429010886	M106907	0.00817988	21	0						51.5265	NA	52.99594	44.57171	20.24751	31.18313	14.81286	16.01239	18.43607	65.1084	18.69379	33.81651	46.03411	23.0638	41.72651	3.718814	NA		4.295696	51.18755	27.72605	30.65156	56.16512	50.59749	36.95293	48.48882	34.54334	34.22791
CUST_38463_PI429010886	M27015	0.00818089	24	15						6696.753	8256.789	6906.237	6770.352	4211.995	4531.71	8430.296	6791.114	7794.971	7364.792	4803.622	6304.559	6376.466	5021.117	5644.907	1612.18	7147.632	10017.83	9872.039	7316.568	8644.801	8006.37	7138.174	8430.296	8400.194	7071.199	7762.077
CUST_1022_PI429010886	N8244	0.00818089	24	21	449482914	PREDICTED: gem-associated pro			9.06E-08	119.9872	193.2061	146.7486	131.8934	127.1435	108.5581	133.5115	163.9175	148.4289	183.8352	148.131	157.3269	169.5998	114.4623	143.7853	125.8417	202.183	166.5631	184.0263	168.2866	187.2195	200.6419	204.3998	213.4477	154.854	164.7688	185.937
CUST_40852_PI429010886	M56233	0.00818523	18	3						14.00699	20.93117	NA		41.82104	NA	30.03343	31.60415	27.73284	28.3301	7.304174	5.683307	NA		12.76732	17.11834	8.11338	24.24527	34.9506	6.203165	43.47993	7.37464	37.75646	NA		111.2714	NA	33.27799	NA
CUST_52377_PI429010886	M97234	0.00818139	24	3	321477583	hypothetical protein DAPPUDRA	Metabolic process	Cellular amino acid metabolic process	4.58E-20	44.09004	25.71961	34.00168	35.13853	53.22588	34.40524	NA		31.77803	8.995322	6.758311	33.91504	32.9944	15.79609	35.57898	38.40964	21.64707	26.32557	25.9479	13.14676	16.0427	15.97275	10.9364	18.01822	17.23806	26.12743	17.49425	29.59163
CUST_39370_PI429010886	M38470	0.00818863	24	12						28.39338	29.18456	30.36663	77.93692	11.96077	56.44652	75.23071	20.99331	59.43938	28.73586	80.53824	57.16525	73.65204	70.81536	68.01679	15.76131	50.15161	48.51961	19.50992	26.78779	22.7622	7.652903	20.13304	30.86168	10.648	23.07724	20.95678
CUST_37412_PI429010886	M18942	0.00820404	24	15	260829625	hypothetical protein BRAFLDRAF	Metabolic process	Cellular amino acid metabolic process	1.93E-160	10294.69	20662.81	9272.221	12807.83	2219.678	7673.313	28858.93	20563.31	19150.48	14642.96	7430.648	4976.553	13481.03	9056.645	7032.355	22092.06	28492.44	24659.23	17658.04	14614.52	16411.2	10374.24	14363.02	12473.12	12165.66	13098.74	9613.776
CUST_39015_PI429010886	M33378	0.00820404	24	15						9194.226	23324.95	6734.459	9056.645	2386.8	5456.239	22221.29	22279.42	13193.16	10408.52	6226.747	5099.888	9111.496	7260.089	5277.675	21113.92	26129.84	22279.42	13790.46	12211.42	14015.31	9241.731	9410.039	9889.351	9496.343	13248.98	6906.237
CUST_46514_PI429010886	M72873	0.00820404	24	15						27.32487	42.41648	27.97133	18.9004	21.16633	29.666	33.08424	36.39662	35.75247	38.58331	25.59017	28.46151	32.29945	31.64075	34.14439	33.48088	44.80668	45.83845	33.15745	44.81289	38.07503	30.33321	35.76279	40.44359	38.96726	31.05581	33.31402
CUST_11295_PI429010886	N27577	0.00820404	24	21	321466080	hypothetical protein DAPPUDRA			5.22E-52	19.92192	7.718356	22.08755	16.60777	14.81846	14.67792	14.38836	13.0547	15.7161	9.642309	11.04829	14.99561	25.33166	26.48644	13.03847	15.17316	13.42476	20.46288	21.11731	12.09251	18.79971	25.76565	20.53592	53.17104	18.73801	14.41191	35.67884
CUST_16730_PI429010886	N36766	0.00820404	24	21						28.72917	24.23053	22.94579	26.09309	16.85925	21.31454	17.79556	21.98953	25.69105	13.14087	18.42634	20.81559	23.28393	23.26403	20.45505	29.06179	19.35718	25.05787	15.9512	23.48308	27.09821	38.52366	25.26967	25.02074	83.54731	24.57834	27.57162
CUST_22296_PI429010886	N46764	0.00820404	24	15						19.00538	23.23426	20.09331	9.935802	23.01193	16.14215	30.03343	25.20922	32.70763	23.72974	25.18427	19.54299	30.63129	12.16262	29.65959	29.27764	30.00954	27.53522	21.08479	25.23036	28.82109	21.6346	28.45078	26.87774	19.77825	25.97276	20.98727
CUST_40879_PI429010886	M56287	0.00820483	18	12	321468927	hypothetical protein DAPPUDRA	Metabolic process	Nucleobase-containing compound meta	6.56E-69	8.322606	15.43901	11.61625	6.963509	15.43656	7.673574	12.63858	14.2562	17.17797	8.901364	19.75226	9.709038	28.51273	23.8982	23.03724	15.7393	13.6951	25.5836	19.34679	12.3024	14.19023	16.58591	8.519876	10.54823	25.56702	15.03854	20.79498
CUST_32337_PI429010886	M38821	0.00820483	18	0						24.43567	41.10401	21.04021	20.39484	17.60535	41.94644	44.36058	41.

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_26104_PI429010886	N53674	0.00842165	12	0	117670124 notch protein [Parhyale hawaiier				2.74E-41	18.36555	12.682	16.23086	9.044852	16.6949	12.44156	5.6115	10.67743	11.78821	11.72848	8.588027	5.388376	14.60077	10.75288	17.38739	10.68031	8.340014	11.4759	7.830046	5.862152	10.59744	11.44514	6.068633	7.177997	11.17299	13.71712	10.44732
CUST_22866_PI429010886	N47822	0.00842621	24	9						NA	NA	NA	4.791328	7.581791	13.764	23.7799	NA	NA	26.33135	22.80532	22.58052	15.67181	NA	11.44176	15.5828	29.70619	6.669026	11.63897	15.44262	16.18229	10.26541	7.506514	8.378958	9.154669	3.824652	NA
CUST_10731_PI429010886	N26698	0.00843008	12	9	270009810 hypothetical protein TcasGA2_T				7.51E-21	511.369	368.2385	644.2122	566.4722	507.231	436.8129	381.1906	363.9263	568.455	631.6446	496.8458	581.4931	754.5011	338.2602	486.0305	274.705	327.1238	362.4397	574.0759	463.096	550.3617	926.2026	636.1587	671.2531	524.6417	461.2704	856.2286
CUST_57297_PI429010886	E4568	0.00843047	24	3	322800055 hypothetical protein SINV_0516				2.5E-18	890.6088	793.898	172.4002	348.8785	8929.115	1031.123	766.5607	2877.124	533.691	34.3086	4719.533	4403.488	18.26962	2320.751	2333.596	10.6087	7.307485	18.87745	38.48559	5402.577	37.02719	75.84873	952.6113	73.35252	NA	4934.022	5.640641
CUST_33101_PI429010886	M5971	0.00844656	12	9	10280992 DD5 [Marsupenaeus japonicus]				6E-49	1955.527	61.48782	2170.443	3506.645	2261.704	2112.104	191.6575	438.9261	644.9039	2895.969	3835.495	2478.84	3660.946	1375.747	2928.861	8.785038	8.271083	18.70247	733.7832	452.5351	616.4216	3712.526	3627.136	4145.789	1315.424	1768.674	3222.8
CUST_12771_PI429010886	N30016	0.00845658	15	9	195376227 GJ13140 [Drosophila virilis] >gi|				1.92E-19	4.483644	NA	8.378958	11.42158	NA	3.472149	5.647748	6.040325	7.324518	8.413648	19.96887	12.07145	6.978065	NA	5.271402	5.710982	8.128515	9.947363	4.94817	4.280007	3.531459	9.848403	7.619983	10.17486	14.02546	5.532456	11.63897
CUST_31443_PI429010886	M1538	0.0845751	24	15	317107865 nucleotide excision repair protei	Protein metabolism	Proteolysis		2.1E-68	868.9348	2288.957	1426.211	1101.531	1348.794	1092.1	1316.174	1679.651	1581.87	1318.185	1351.154	1212.445	1278.279	1227.762	1481.716	1667.986	2080.932	2135.546	1602.248	1782.659	1874.483	1429.079	1628.405	1677.845	1474.205	1525.217	1743.671	
CUST_22603_PI429010886	N47315	0.0845751	24	21						34.21333	31.78394	32.94464	35.3759	29.10319	32.87709	28.0155	32.37762	24.03743	32.49411	26.89377	25.36783	41.42487	37.86955	33.64233	30.67349	32.04577	33.37664	46.17368	26.22964	40.29385	54.19504	34.31749	35.30149	51.42591	42.39291	42.14752	
CUST_50888_PI429010886	M91350	0.00846848	12	9						7.994626	26.71617	20.7793	36.04308	9.476005	5.891833	6.90056	19.15056	20.89958	60.24608	41.30748	34.79498	52.541	21.1337	5.627759	NA	19.69655	5.428328	12.36822	6.691551	10.65972	46.14458	35.94651	41.48089	14.78505	29.65959	50.68042	
CUST_42274_PI429010886	M59849	0.00848183	21	3						10.86877	9.451468	NA	22.21344	11.5869	10.60534	3.173836	10.98328	7.729186	9.772857	NA	14.67236	3.018249	5.614947	9.872817	NA	NA	5.619603	6.645886	NA	4.922612	11.78821	NA	6.051391	12.19342	10.34183	11.95232	
CUST_17061_PI429010886	N37298	0.00848086	21	15						35.62662	57.44168	21.55549	28.20584	23.86873	20.98524	30.17026	30.3261	39.68636	24.58293	48.15989	41.60531	32.20247	42.75074	32.14243	25.68152	62.67742	36.828	35.66495	35.03557	51.90036	32.88066	22.01795	46.60311	24.47696	22.01409	32.09525	
CUST_3053_PI429010886	N13694	0.00848798	18	15	156553829 PREDICTED: coatomer subunit zt	Transport	Other		1.03E-70	99.49612	139.7386	96.40725	81.34169	84.16808	88.4798	114.7972	139.8942	92.68642	120.7872	84.5309	99.16406	80.00199	105.442	97.41787	136.8369	145.5847	165.0428	92.02415	130.586	140.1608	74.44615	98.97699	84.63533	100.7491	136.5457	123.935	
CUST_47791_PI429010886	M77631	0.00849151	15	9						53.18236	50.31996	57.90877	30.05595	41.41654	48.94113	53.16566	49.63135	58.62146	48.81332	75.45664	94.86558	40.13911	49.25994	47.59053	110.0556	124.0673	56.67374	48.02051	38.18648	43.17591	55.59367	81.9979	67.3007	128.8978	54.6004	132.7868	
CUST_57225_PI429010886	E2609	0.00849708	24	15	260794300 hypothetical protein BRAFLDRA	Protein metabolism	Ribosome biogenesis		6.55E-27	8522.605	12424.28	9056.645	7872.926	6688.584	7032.355	12043.33	10699.09	11413.74	9013.443	6401.205	7807.75	7928.164	8269.17	7621.268	13098.74	12765.38	14642.96	9226.663	11228.98	10506.53	7621.268	8334.379	9067.463	9153.451	8857.18	9330.025	
CUST_56033_PI429010886	M112594	0.00849708	24	15						49.08691	72.34444	83.29367	64.11411	62.51652	50.93191	59.81196	83.59122	84.91891	82.40323	65.48356	66.92448	57.9144	68.84252	79.10279	86.71039	92.13972	88.53491	77.75578	65.74218	93.13119	89.68248	79.45422	80.83391	77.61728	47.97707	77.78042	
CUST_49723_PI429010886	M86856	0.00849708	24	15						167.6224	207.9118	185.2539	152.3742	172.4491	162.0267	177.6996	197.5438	201.9179	203.5811	145.5847	195.4747	147.3924	172.8416	170.3606	255.3385	263.6527	249.0225	216.1701	200.0776	202.8062	168.5856	182.5875	191.7974	208.794	196.9837	195.0513	
CUST_34266_PI429010886	M9196	0.00849708	24	3		Protein metabolism	Proteolysis			258.4078	144.1943	273.556	257.241	2281.476	1856.844	102.6488	338.0427	163.0857	163.7578	1400.583	838.6312	125.4627	1012.891	850.4847	90.71076	79.76299	80.70329	105.1495	520.31	92.47181	171.0499	153.9744	121.0882	114.4623	789.3467	80.89811	
CUST_5057_PI429010886	N18203	0.00849708	24	15						841.3097	1436.914	817.4569	873.2461	694.9037	782.6486	1086.19	1359.653	1224.714	1136.139	900.553	851.1928	944.508	816.5697	610.6881	1307.961	1260.081	1200.042	930.4398	1235.266	891.3462	1089.56	1000.752	983.2331	896.981	875.0518		
CUST_6040_PI429010886	N19549	0.00849708	24	15						209.1753	416.5526	276.7278	215.3674	214.17	212.598	324.6418	380.2708	357.575	263.6527	289.5848	265.541	302.2155	289.6241	239.348	366.7915	433.1774	414.7402	273.802	313.739	337.8262	241.54	341.732	350.5162	270.0299	278.8807	325.8846		
CUST_314_PI429010886	N1673	0.00849708	24	3	321473209 hypothetical protein DAPPUDRA				6.62E-123	799.8873	281.0341	758.5678	813.0168	1514.569	1176.428	284.0207	390.8971	397.9279	478.6398	1135.893	835.3759	561.1654	817.4569	901.5762	183.2542	336.8186	252.884	371.3022	441.3596	383.0448	749.5653	669.1662	749.4898	419.2614	509.7346	593.3017	
CUST_27262_PI429010886	N55729	0.00849708	24	3						48847.04	241.1372	48051.75	37632.98	36724.45	40415.13	379.158	729.7963	503.262	27832.29	33304.41	33176.01	29843.45	25888.13	51269.31	185.5629	221.7872	361.7315	1046.212	1125.025	1535.771	29037.53	11932.74	27210.5	1991.351	3686.257	5686.353	
CUST_15857_PI429010886	N35254	0.00850169	21	15						57.64995	62.40732	11.09473	101.105	16.26288	117.7735	120.2717	78.85311	36.05055	89.35207	57.14064	31.18313	92.01146	124.991	73.7433	246.956	137.3715	137.1425	110.2215	16.81161	89.84164	33.49837	34.03869	30.11519	119.8892	102.8306	11.46366	
CUST_18247_PI429010886	N39425	0.00850169	21	15						30.03767	67.97224	6.632628	62.70293	7.399935	56.3623	81.15666	90.22636	37.87395	98.46402	47.36534	37.28248	72.34444	87.94793	74.70953	156.7437	131.4315	133.4909	63.38213	14.52179	53.62536	21.00723	50.24652	28.28966	97.42977	130.7693	8.581038	
CUST_49688_PI429010886	M86711	0.00850623	18	3						96.57151	107.3485	75.0097	99.92196	85.93897	99.12783	84.3918	80.10622	37.67803	61.36043	53.84032	38.83587	89.10635	67.82594	73.43473	88.21411	55.43882	66.17125	80.58239	73.94525	60.67275	109.762	59.21121	89.91214	95.64524	63.61864	59.62083	
CUST_31499_PI429010886	M1672	0.00852925	12	9	321469546 hypothetical protein DAPPUDRA	Metabolic process	Other		4.02E-173	283.224	428.1289	371.3022	289.4524	332.0817	224.961	379.8743	399.349	488.2191	402.3519	404.6157	378.4533	481.3104	268.8247	400.4361	313.9334	374.2544	380.915	427.5284	429.6749	458.8651	514.9905	514.354	575.4805	438.6999	382.5381	569.4689	
CUST_1726_PI429010886	N10548	0.00852925	12	9						1396.045	58.16145	1604.089	1220.331	1247.935	1184.477	86.36335	162.6466	232.1097	1413.759	1592.484	1490.226	1584.461	887.5066	1895.668	14.7656	11.80456	13.22755	297.3675	408.5695	365.5842	1673.566	1534.389	1593.454	408.5695	709.4562	1361.853	
CUST_51685_PI429010886	M94571	0.00852924	24	21						139.6157	163.4271	173.7538	146.9973	131.274	150.7849	130.4451	126.521	158.2614	176.3993	134.7418	69.58412	170.3275	135.1327	155.2093	176.3183	153.1975	154.5921	326.0747	147.3731	186.2473	239.2059	164.741	182.4362	213.5938	159.1322	114.2673	
CUST_55060_PI429010886	M108575	0.00853025	15	9						26.43885	20.90896	18.99164	24.00632	17.50645	21.3859	26.89679	22.06407	21.37086	24.57064	26.13302	45.70271	27.58739	23.02752	26.32034	23.81554	17.82688	25.81487	16.4194	20.95138	22.27391	18.11193	17.21562	25.41498	28.54278	26.89103	23.46744	
CUST_28854_PI429010886	N58730	0.00853212	24	0						46.5095	37.44599	45.41169	50.53965	25.28782	43.68742	32.87709	36.86782	25.7544	47.80328	25.54219	25.05161	32.45769	27.01424	22.29626	28.96499	32.06918	22.89373	23.94163	21.57697	27.89407	39.39293	24.90578	31.25385	43.44035	32.78182	45.32861	
CUST_56431_PI429010886	M113779	0.00853923	21	6						17.32058	18.89832	16.0548	22.31697	119.807	78.5278	29.39693	33.44269	32.13989	22.91325	63.99137	48.88152	11.68791	56.03078	31.57973	23.74852	26.02167	23.03013	20.51989	28.36166	18.42634	12.37254	33.06158	17.19685	20.95138	42.94799	22.44464	
CUST_27439_PI429010886	N56060	0.00853842	18	15						49.35984	12.22964	13.92645	16.93597	13.2617	NA	16.87762	15.94932	6.578516	32.83861	23.61619	23.5397	117.0564	16.36929	101.8893	166.7877	105.3328	29.7371	3.208247	18.05945	12.73904	12.24754	30.06311	4.477295	20.63759	6.588475	18.21662	
CUST_49645_PI429010886	M86529	0.00854293	24	3						94019.51	1518.512	90599.39	112114.8	115488.3	127330.9	6523.544	15967.93	21758.66	88732.25	146308.3	107696.8	104498.1	77410.19	117120.5	2449.312	762.6542	2913.515	23084.2	30352.12	34757.71	84653.3	108703	119519.5	39540.76	83454.29	108703	
CUST_15499_PI429010886	N34679	0.00855038	18	6						10.13728	NA	18.14187	4.011251	NA	5.05016	17.72529	12.99454	20.30731	23.00207	22.58797	8.267617	4.9656	7.914201	4.356715	9.000381	8.015023	8.77273	15.01034	5.025274	11.76845	11.97918	9.558194	12.07005	17.89355	25.7107	20.11934	
CUST_37172_PI429010886	M18089	0.0855665	24	15						799.0901	1931.709	1506.647	480.6993	331.6434	89.30494	1647.856	1303.295	2396.659	950.4596	706.4981	565.823	1422.675	685.9099	585.434	1518.512	2852.908	2235.693	1489.353	1555.177	2775.294	1162.325	1325.644	1749.36	1230.895	1128.705	2197.153	
CUST_8161_PI429010886	N22626	0.0855665	24	15	242011695 Cyclic AMP-dependent transcrip	Nucleic acid metabolism	Regulation of gene expression		1.11E-11	358.1637	352.1552	373.3349	252.5113	224.2516	222.1744	342.85	260.798	335.4857	450.394	264.4099	326.0295	353.4279	260.6535	265.8169	362.4397	399.1589	399.8777	309.9338	375.7494	405.7918	370.2325	801.754	369.4809	363.5741	324.0369	438.3717	
CUST_46130_PI429010886	M71487	0.0855065	24	3						27.94531	29.3468	NA	23.2168	NA	32.5452	48.94113	43.48958	26.47689	26.48347	27.29712	18.41119	45.28285	38.78785	14.87994	44.21087	26.37129	17.17227	13.96585	14.6246	16.97215	12.47302	16.50853	18.33717	9.816681	9.648862	5.165709	15.00155	3.936211	
CUST_1674_PI429010886	N10413	0.00856363	12	9	91086861 PREDICTED: similar to cuticular p				9.61E-17	1865.951	20.91286	2629.319	3093.621	1563.253	2291.48	237.9355	393.0833	712.6985	3558.043	4295.699	3000.392	4153.924	1689.176	3549.354	3.429196	NA	13.00649	1143.807	801.0558	1219.83	3215.844	5292.711	5209.792	1837.894	2126.752	3546.981	
CUST_3256_PI429010886	N14119	0.00856927	21	0	9186886 BCS-2 [Amphibalanus amphitrite				1.79E-28	1416.053	1907.271	2188.815	1293.784	597.5894	788.7271	1483.086	1436.159	1676.984	1157.507	1268.009	975.7238	1289.967	827.1853	686.1628	1371.161	1360.696	1739.059	1595.825	1449.243	1490.226	2340.704	1243.512	1777.355	1416.762	1269.839	1371.161	
CUST_54244_PI429010886	M105270	0.00858369	15	12						49.6421	41.57252	34.62846	41.34776	50.77134	46.27549	30.07738	34.38713	33.93179	49.47094	53.02947	51.06045	48.41454	53.51076	47.8851	44.63889	43.96941	39.53772	32.86278	33.746	32.60595	38.12224	41.95534	33.43972	37.09385	37.65544	41.47761	
CUST_18596_PI429010886	N40076	0.00859005	15	6						NA	15.89978	8.866716	5.202657	12.1414	9.11221	6.981132	27.20683	17.77566	6.664444	3.277462	NA	2.963111	NA	NA	4.342023	3.800894	5.141064	NA	9.363648	4.105363	NA	11.04829	10.21488	4.412786	7.234145	3.028026	
CUST_28426_PI429010886	N57927	0.00859123	24	6						137.0769	96.85513	14.01651	102.2094	79.67772	105.5425	130.1154	136.8369	113.469	57.75543	48.56519	66.41015	69.85306	76.79264	88.54675	64.7406	38.75298	43.24154	46.13169	60.40403	46.71131	61.73575	71.54776	43.93243	35.35463	68.24011	39.26844	
CUST_36356_PI429010886	M15699	0.00859475	24	3						115.2516	35.50803	56.96365	172.5296	112.963	126.6202	68.80951	33.05472	39.75997	54.53868	84.56114	99.65569	52.92831	107.365	96.91497	10.88207	40.73959	13.69119	49.76639	45.24721	14.4297	91.43014	30.57632	18.08089	68.91312	52.07351	8.550634	
CUST_37420_PI429010886	M18967	0.00859475	24	3						12344.85	438.9261	11289.6	16014.56	16760.98	21177.49	642.342	1446.549	867.2487	12674.82	17837.79	12699.11	10109.9	10408.52	19341.82	289.3393	353.4279	406.6714	1436.159	1597.44	1991.351	15461.72	5992.677	14470.28	450.394	3112.057	2937.545	
CUST_5447_PI429010886	N18716	0.00859475	24	15						379.8743	456.4069	346.1134	327.3332	343.5695	311.1974	475.3372	388.9715	369.3009	437.9976	286.6983	396.2592	397.1925	303.4454	397.9972	483.2043	496.9611	587.3135	382.3723	383.478	379.0965	381.3569	437.7611	456.0887	415.3144	430.8354	443.355	
CUST_14236_PI429010886	N32547	0.00859475	24	15						32.05523	85.03859	69.81806	33.92845	11.51457	27.00709	81.26034	47.39234	53.05277	100.0093	34.34338	49.94405	64.99079	26.47878	40.07582	151.7904	141.3689	135.9468	89.3399	44.37034	69.44476	66.2384	11.77451	62.19095	123.6928	62.27316	53.45604	
CUST_21817_PI429010886	N45907	0.00859475	24	6						60.52841	95.37708	98.097	140.0039	96.40725	116.3642	209.1419	84.01764	174.935	40.62628	125.7435	44.34431	120.8275	65.87993	99.28639	58.30569	137.2826	134.0408	21.19789	49.61113	16.21373	45.45322	88.06844	104.0463	60.86142	69.28139	55.80136	
CUST_1267_PI429010886	N9078	0.00859475	24	15						1793.169	2831.186	1991.351	1497.206	1305.464	1240.711	2146.15	2342.087	2221.308	1888.631	1511.222	1956.496	1656.675	2035.999	1503.022	2826.773	3580.711	3960.355	1968.185	2420.859	2166.525	1493.774	2167.915	2379.92	2271.439	1935.604	2184.345	
CUST_52119_PI429010886	M96462	0.00861795	18	12						118.5461	98.97699	88.76092	44.97817	65.60638	62.40732	70.3428	104.9377	88.27501	70.69946	67.66335	126.1993	110.1907	97.78469	104.5613	92.95196	103.106	91.71339	84.84135	101.572	92.20119	67.63278	69.13756	94.28531	116.5476	72.49896	126.6022	
CUST_6418_PI429010886	N20073	0.00862407	15	9	154416763 viral A-type inclusion protein [Tr	Cellular Process	Cell cycle		4.93E-13	4.360057	9.12812	3.289897	12.32348	5.569014	NA	8.303928	14.96631	13.12953	NA	15.71789	10.61353	13.86062	NA	9.776816	7.602024	8.445011	8.323564	NA	24.92804	10.89368	15.40884	17.21755	10.60003	10.07727	18.31223	24.40409	
CUST_3064_PI429010886	N13722	0.00862642	21	15	380853794 proteasome alpha 3 [Penaeus m	Protein metabolism	Proteolysis		2.61E-114	367.4917	1059.777	584.3107	527.1701	513.0768	428.2506	560.9756	781.034	695.5915	631.8697	504.7574	519.7601	564.8143	596.1129	575.2243	608.7237	788.3617	1081.498	615.1114	760.7688	547.9685	509.999	740.2235	559.1602	472.2533	563.8477	536.6512	
CUST_35187_PI429010886	M118423	0.00862642	12	3	189241537 PREDICTED: similar to GA13696-				3.58E-70	40.74313	8.731098	47.96277	31.44937	12.09577	15.37158	11.66711	11.66554	7.894226	47.7623	62.5403	194.5655	86.60823	21.52336	25.41498	18.97314	7.037726	7.909773	26.65291	15.83377	17.25616	34.55816	59.09232	56.91288	22.68661	46.21776	46.88917	
CUST_33414_PI429010886	M46828	0.00862823	12	3						786.9042	1167.232	620.3087	851.4962	1386.294	1130.351	1122.445	907.8057	1209.897	662.3233	865.141	762.6542	649.314	1021.074	753.6723	1655.603	1285.385	1223.645	1341.551	1010.046	1441.156	546.3173	1089.998	1097.4857	1045.59	1097.545	916.8554	
CUST_47769_PI429010886	M77541	0.00862823	12	3	291241680 PREDICTED: mannose receptor C				5.59E-18	6.457842	10.88552	7.843567	26.18151	19.72473	25.44274	8.635855	22.03138	11.85747	13.47047	7.410322	6.286258	28.8296	26.32359	16.57982	26.10539	13.72176	28.0728	8.326096	14.5601	25.93287	7.634361	8.404592	14.4297	19.38387	14.51805	4.470838	
CUST_8974_PI429010886	N23878	0.00862823	12	9						78.85311	81.87749	122.5728	75.77805	56.03663	52.45861	76.97367	72.03186	73.09797	76.01297	94.95617	87.23514	98.17006	60.48555	79.26449	61.52316	85.64416	63.56244	69.71651	53.75479	78.65231	124.1301	119.1547	113.5495	91.72224	75.24855	137.7837	
CUST_13748_PI429010886	N31703	0.00862823	12	9	46575823 calcification-associated peptide-				9.75E-10	2400.564	22.4617	2014.653	1555.177	815.7902	1031.076	86.35128	123.0024	180.7102	466.005	4952.328	3437.158	1875.312	663.8187	1739.873	25.99138	9.152091	32.72443	223.5617	109.0197	229.2492	2598.143	1269.839	1505.771	110.2733	516.0491	997.6033	
CUST_4261_PI429010886	N16349	0.00863484	12	0						188.4673	181.6282	177.6012	167.8421	154.3971	136.2532	104.3593	117.7425	134.826	169.022	135.0204	150.0105	184.5933	95.68309	190.3933	198.1577	147.9573	154.4454	170.7219	118.0401	139.6157	215.9444	135.988	208.5384	269.4621	168.1532	252.8481	
CUST_49989_PI429010886	M88117	0.00863848	15	9						61.31201	51.29155	54.22249	50.29015	47.15551	50.20269	49.31951	53.94311	46.06605	58.5677	57.06949	72.73375	67.01094	59.30659	60.40971	65.04377	45.76238	58.96212	53.33381	43.14425	55.20546	70.19469	53.29749	78.97649	78.86032	54.98542	77.24207	
CUST_41947_PI429010886	M58949	0.00864233	12	9						195.3762	59.8383	248.1643	351.422	177.4557	326.3053	96.05666	31.39708	102.2094	209.1419	570.2732	637.2271	203.2877	108.3124	247.7035	20.56044	9.548881	17.52474	186.1968	84.10925	160.4657	420.8457	300.6771	785.0219	49.18092	41.4895	77.98181	
CUST_24246_PI429010886	N50293	0.00864355	24	21						46.09063	99.84349	42.72194	56.19317	44.02723	50.15592	41.86801	59.21803	45.2886	43.54722	44.88978	30.72686	36.07852	31.27903	45.49544	79.45422	58.85484	90.92644	41.71225	49.39254	52.02384	58.67768	59.93426	61.2068	51.84236	49.18092	57.97707	
CUST_9683_PI429010886	N25039	0.00864659	21	15	184198734 Lit v 3 allergen myosin light chai				2.1E-36	1416.762	1489.353	1923.884	1652.642	1269.337	1133.812	1865.951	1903.836	1214.037	1383.977	1079.142	1239.555	1418.598	1695.11	1157.025	2670.787	3148.451	3715.857	2149.415	2180.402	3495.947	1219.279	1390.646	1373.854	2144.939	1565.636	1600.243	
CUST_15548_PI429010886	N34767	0.00865318	24	3						23.4647	16.89173	25.57409	45.7369	44.17172	49.23192	5.055557	54.50978	13.43624	42.73341	20.24017	43.31181	NA	10.41882	13.52973	18.68765	35.73797	8.281737	NA	10.42633	14.56346	26.47878	17.24881	15.7218	NA	23.52466	24.07636	
CUST_35637_PI429010886	M13079	0.00866391	24	3	477513443 hypothetical protein FOC1_g100				0.0000006685	42.58958	17.74883	51.40281	64.2252	66.67393	65.22345	30.43834	32.22297	27.0512	48.64263	57.30682	35.78636	47.69479	25.62254	27.63973	20.85079	22.88663	28.1575	36.04308	27.34045	16.59163	42.89355	24.35086	26.94322	32.70464	31.75895	15.73415	
CUST_53774_PI429010886	M103128	0.00866156	24	15						10.56305	4.695111	NA	6.712305	NA	7.140165	12.70386	16.90621	22.92862	25.36783	18.55369	4.93079	8.083025	21.43699	5.867408	56.99733	23.64777	34.99565	9.057903	18.90899	38.27451	22.00305	25.94024	18.29235	11.98927	NA	10.14305	
CUST_39461_PI429010886	M39772	0.0867299	24	0						102.5048	106.3076	117.4669	97.41787	63.96236	65.12931	81.38488	56.24032	59.07254	72.43858	69.60024	52.63501	87.62517	93.76286	23.08542	NA	134.9328	76.59647	100.4391	102.3466	121.0574	146.1482	55.37116	39.04694	136.3336	127.3889	115.8263	
CUST_40652_PI429010886	M55754	0.00868614	24	6						110.6677	94.59748	28.99304	37.55337	192.0736	196.2571	137.4424	109.2373	98.75554	NA	67.54737	70.10106	72.24298	97.85715	55.71616	78.18007	32.86972	83.52767	20.37081	133.7558	30.42951	13.114	54.21756	19.87479	43.75819	129.9594	20.74828	
CUST_55675_PI429010886	M111222	0.00869382	24	3						8451.427	126.0542	7402.627	6165.981	8417.477	9804.488	146.7658	540.7576	94.14191	2141.9	6491.663	7597.158	1572.421	7081.435	8802.072	41.09	26.62997	56.95761	78.69416	671.8022	176.2933	2900.703	695.1268	2469.347	82.26609	1950.295	434.5642	
CUST_39474_PI429010886	M72390	0.00869

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_31728_PI429010886	M2255	0.00887022	18	3			Metabolic process	Carbohydrate metabolic process		550.4921	192.8297	483.2043	625.077	666.4362	665.873	218.6001	220.8506	213.7437	563.4896	707.6592	719.4386	684.5912	412.5149	758.5678	174.0123	135.1101	117.8448	220.9943	217.4779	223.7463	958.1681	741.8916	806.5559	268.9804	475.5631	432.4641
CUST_51736_PI429010886	M94786	0.00887017	24	21						61.23583	73.50942	94.18113	67.31813	68.30294	50.47099	46.23699	58.26212	75.22137	56.35449	64.92793	65.122	57.54767	72.47632	66.57534	68.14166	75.17439	91.6714	74.98208	68.35388	61.15056	79.60935	83.93495	83.29367	83.21526	51.02849	94.76517
CUST_35219_PI429010886	M94786	0.00887531	24	3						13.02787	43.42575	142.5641	150.8682	364.9578	301.7541	24.98354	72.95006	18.46268	87.08881	243.453	199.982	79.94645	145.1105	214.2039	16.39884	41.93463	76.98432	65.98683	43.50595	12.96173	91.51354	41.38631	73.50137	14.81286	36.73983	NA
CUST_41564_PI429010886	M58042	0.00890562	21	0						21.2559	10.782	15.04022	10.12252	20.05879	17.60895	6.5566	8.724815	3.850281	8.016857	10.89368	9.548881	13.45766	16.32398	10.54823	8.94306	10.25273	12.43497	17.24674	11.1992	11.94189	13.82262	17.42012	10.29813	7.31445	13.66174	12.16262
CUST_32433_PI429010886	M4105	0.00892383 6	24	0						3862.287	7194.306	8256.789	3039.361	1985.342	NA	5550.987	7531.236	11094.64	1599.332	1022.285	1091.584	2978.418	1551.452	263.3579	2801.6	2003.765	3686.257	5864.557	6818.249	7993.785	1528.323	3543.046	3709.96	6734.459	2983.608	9257.227
CUST_3235_PI429010886	M10475	0.00892954	12	3						1442.661	1455.905	72.30147	186.8705	1843.608	212.7294	729.7963	11974.32	73.68465	20.24952	26.64465	9.884796	3.795435	6171.545	25.91341	143.2998	178.596	81.76793	211.1114	44.60387	116.6925	7.126641	11.37814	4.704254	29.89602	58.31116	6.885217
CUST_20759_PI429010886	N44007	0.00892954	12	3						75.77805	80.33191	20.57512	53.25991	67.7294	105.3328	77.99973	86.30982	63.11334	29.39937	36.40731	24.89149	36.18124	87.06917	36.40347	130.3441	98.50388	79.64838	50.7989	53.13079	39.11041	19.67166	90.58585	19.21337	29.59501	63.03163	6.95948
CUST_1316_PI429010886	N9266	0.00892954	12	3	406817026	selenoprotein M [Penaeus mono			1.69E-40	2605.771	5678.164	1900.457	2105.784	2883.204	2865.238	4311.402	4368.987	2713.39	2371.181	2330.806	2354.096	2179.188	2496.293	2740.835	5131.503	4606.27	4940.836	2704.306	2870.034	2631.802	1509.889	2577.27	1690.112	3390.028	3786.16	1783.882
CUST_45781_PI429010886	M70273	0.00893617	24	6						118.8089	120.1733	130.3988	120.8608	237.439	198.1201	185.2539	110.4109	185.9023	130.415	160.1938	148.2361	118.2092	124.2633	132.1106	156.3126	121.3554	135.9051	137.4234	118.1715	130.7958	89.12634	93.65434	71.40475	124.2469	159.2971	155.2845
CUST_53695_PI429010886	M102826	0.00893065	24	15	283854611	DEAD(Asp-Glu-Ala-Asp) box poly			2.92E-47	399.9663	537.9838	426.7646	362.3548	243.7665	302.6134	547.9685	459.8781	542.7794	487.9361	311.5041	309.6955	492.5086	330.9867	358.0959	509.999	884.3862	605.287	579.8505	400.9911	537.4657	412.2409	387.7178	352.0796	473.3422	411.2361	355.6308
CUST_41867_PI429010886	M58740	0.00893065	18	15	410509306	myosin heavy chain type 1 [Pena			1.21E-09	1843.608	2524.402	2018.868	1775.368	1695.11	1916.926	1988.355	2442.216	2288.957	1494.458	1190.571	1376.514	1538.316	1710.003	1487.355	2299.057	2244.174	3104.628	2807.452	2013.288	2960.558	1799.736	1863.699	1480.103	2093.838	1688.167	1810.6
CUST_10745_PI429010886	N26719	0.00893070	12	6						NA	6.885217	7.367873	14.08999	12.70063	20.8587	27.47971	NA	12.96601	15.07942	9.703667	16.23086	8.937861	6.132264	9.743639	NA	6.508862	18.25369	15.74083	21.00454	49.8852	22.59481	12.9826	5.371414	12.29417	9.025697	15.10195
CUST_12016_PI429010886	N28781	0.00893646	24	21						67.23484	79.31808	76.01297	75.95345	50.22	54.97558	62.06796	61.58528	69.07482	67.27409	65.88877	64.88783	61.91527	54.53868	49.09284	105.87	73.92515	87.72633	89.60857	63.59914	80.59242	85.4597	71.64925	95.86932	103.4755	66.24674	95.08224
CUST_14918_PI429010886	N33688	0.00893646	24	21						401.6396	505.1911	476.244	430.0583	383.9729	405.8942	413.108	372.6214	354.5733	457.7423	337.46	433.7137	370.0497	345.674	293.2877	551.71	354.1831	482.7166	494.9456	373.6591	447.4189	544.8319	378.2634	525.9937	491.9043	401.2544	521.5155
CUST_1880_PI429010886	N10942	0.00893646	15	12						20.55824	15.68096	14.10253	11.16309	11.53833	7.067325	20.5422	12.24304	11.3139	17.31771	11.55069	12.77277	29.55431	13.76632	16.07632	12.09079	14.15899	15.81757	11.61327	8.213544	4.668232	16.32911	13.22017	5.401098	12.44585	10.43678	10.80517
CUST_43194_PI429010886	M62372	0.00894608	24	3	459172798	PREDICTED: endothelin-converti	Protein metabolism	Proteolysis	1.24E-16	51.85541	59.69831	65.47772	74.62293	98.46402	134.3961	61.15687	72.83024	67.86728	47.60538	41.29379	43.56758	37.60099	46.33666	52.61041	36.01668	53.86055	57.66115	33.05084	74.80515	37.81203	40.60853	44.85324	46.43451	33.6128	60.77123	38.37232
CUST_50040_PI429010886	M88361	0.00894608	24	3						148.2361	57.93583	133.2506	113.622	178.2173	123.7963	73.85955	68.54812	57.70575	68.01088	177.6455	125.2902	89.58853	175.9965	204.8848	53.5736	59.67529	44.67899	59.40866	47.32106	41.03485	65.81456	85.06849	54.33723	74.12141	105.242	57.66836
CUST_11000_PI429010886	N27109	0.00894608	24	15						159.4491	166.8948	190.0624	158.9422	126.712	131.8408	132.6306	131.4171	136.5009	171.2114	142.9974	71.86601	163.5142	139.5013	124.0485	203.7634	164.794	148.7048	144.9793	183.2542	206.3618	149.533	180.8767	220.4736	149.3578	189.351	
CUST_23163_PI429010886	N48362	0.00894608	24	18			Transport	Ion transport		4875.223	6343.146	5365.583	4403.488	4403.488	4125.439	5476.032	4809.493	4705.762	5435.742	4522.071	5222.203	4841.865	3755.671	4694.435	5507.513	5099.888	6118.436	5144.706	5736.233	6758.872	4772.224	6025.479	6452.703	4949.92	4981.645	6506.137
CUST_32582	M94706	0.00894706	24	15						8.391548	12.60041	6.093975	NA		12.36205	8.493194	8.614696	24.83681	16.38009	17.35447	8.680288	18.1064	13.413	13.32483	17.425	16.96963	18.68449	18.22327	4.488887	10.44372	7.206892	22.15196	12.05097	6.783466	7.035162	10.83183
CUST_17152_PI429010886	N37446	0.00894647	24	21						156.9414	152.8269	160.2997	157.1785	126.0246	127.0776	131.0883	137.2351	144.8287	153.47	132.952	130.24	139.7918	125.025	128.6956	160.4443	147.89	138.1161	152.9969	119.2267	146.2442	170.7496	151.2161	163.1533	177.5137	140.275	188.5629
CUST_566_PI429010886	N6078	0.00895158 1	24	18	380853796	protaglandin reductase 1 [Penae	Metabolic process	Oxidation-reduction process	6.05E-104	30.02053	29.81385	39.08885	34.90142	52.3424	28.55984	28.87489	26.00178	28.2205	29.76143	54.59539	33.70156	26.71617	36.71092	21.10822	47.97707	39.03986	36.65461	48.56063	72.48391	75.48453	31.14654	27.46604	50.69492	33.6985	32.64246	40.26043
CUST_7746_PI429010886	N22012	0.00896228	21	0	528507108	PREDICTED: zinc finger protein 7			6.85E-70	14.32273	25.42657	13.93814	6.635748	13.30593	10.98475	11.25743	15.35462	13.71972	11.72699	7.054812	7.397642	7.645491	6.376979	6.3941	14.3566	11.1896	10.27542	11.12081	18.67654	12.59237	9.675629	14.45383	19.76869	5.729424	15.73263	21.34884
CUST_32518	M4332	0.00896964 7	24	0	91094771	PREDICTED: similar to AGAP000:			9.81E-16	1129.142	3543.046	2787.074	815.2223	569.0422	329.6536	2261.704	191.6575	1747.584	967.7143	1160.436	656.3228	929.9574	327.5322	588.0127	1151.814	4680.36	1832.717	2599.331	1298.646	1538.316	2116.149	2016.054	2971.539	2237.142	2157.924	4445.119
CUST_24922	PI429010886	N51488	0.00897127	12	0					46.78844	34.73082	36.26885	33.97881	25.75202	11.61798	22.4165	8.819479	18.0495	29.27204	39.87751	26.11634	21.55928	23.60361	44.1972	17.83378	36.18124	28.05953	29.36452	25.99676	23.30032	49.53225	33.10821	35.76583	57.32544	61.58	42.05307
CUST_5611	PI429010886	N18945	0.00897312	24	18					173.05	159.1592	150.4473	211.588	135.9468	162.3101	159.4235	174.4941	171.5592	231.5378	179.9541	211.625	288.6545	176.7166	177.1325	202.8062	210.7737	185.084	241.668	214.5153	227.2502	255.7014	213.4477	234.4388	252.8481	186.0544	241.5804	
CUST_41428	PI429010886	M57706	0.00897561 7	15	9					187.5559	89.50979	114.9771	216.8711	134.6275	130.8147	102.1199	114.7343	77.75578	262.525	555.5824	254.3008	320.7735	111.8276	209.3816	92.86727	93.27554	93.49221	131.4868	102.7497	101.4865	257.2967	273.556	294.481	123.5992	198.2813	278.9328
CUST_13561	PI429010886	N31381	0.00897722	15	9	321468833	hypothetical protein DAPPUDRA		1.84E-48	5.795835	11.19238	9.908964	5.219516	3.548825	4.95154	NA	4.902008	5.110851	10.5117	12.50576	NA	5.486086	6.512115	11.96077	11.37254	8.218417	6.322751	7.010551	7.052579	4.020773	10.17714	5.267179	13.22574	13.56287	NA	11.1284
CUST_48024	PI429010886	M78575	0.00898748	12	0					3046.537	3688.899	4482.635	3177.941	1654.651	2583.285	2418.009	2889.672	3067.239	3156.873	2337.634	2362.508	4499.92	2722.979	3890.917	2219.678	2411.386	3085.208	2996.567	3346.038	3629.795	6018.305	3827.862	3449.27	5921.175	3316.279	6101.131
CUST_10220	PI429010886	N25894	0.00898748	21	9					61.06467	72.56894	68.15639	79.39688	128.9165	88.14296	69.98305	64.10142	61.35249	84.78861	91.6852	93.28654	72.03186	94.40167	85.0591	74.67002	81.64325	78.518	71.70119	51.79467	64.6835	67.69664	62.30179	63.88253	98.75554	66.26258	73.31512
CUST_42512	PI429010886	M60471	0.00898538	24	15	242019722	transmembrane serine protease	Protein metabolism	Proteolysis	3.27E-30	58.60789	41.32287	31.77263	19.52695	17.17227	14.4099	59.5223	36.28088	34.72664	42.19574	32.62382	32.50066	44.42841	26.87222	34.85461	57.42791	53.21955	52.2365	40.72145	34.02915	30.12442	47.31561	46.00245	41.55059	41.16872	29.10319	36.86176
CUST_12027	PI429010886	N28801	0.00899025	21	6					13.10546	17.71771	21.59473	15.12028	22.83896	11.83609	33.46312	24.05325	22.49527	25.33441	17.10019	20.37998	8.681841	NA		14.95172	14.33765	14.33538	11.15823	15.22691	16.70652	16.81027	17.51139	15.23987	15.24489	19.60068	14.47477	15.38781	
CUST_21609	PI429010886	N45522	0.00899575	18	0	2499378	RecName: Full=Compound eye c	Signal transduction	Other	1.82E-45	NA	24.02712	26.32034	14.59502	23.32264	10.35153	NA	22.01115	12.17074	NA	11.19796	NA	4.530774	12.50022	5.935469	4.30741	22.74199	21.86212	26.19258	13.92807	28.52077	NA	NA	4.077341	8.080815	12.52146	NA
CUST_29902	PI429010886	N60791	0.00901535	18	9					7.338359	12.70605	18.94794	9.192907	15.78875	19.1841	17.8371	21.98717	15.71	26.43013	22.4839	23.86873	15.33232	16.6131	22.11134	22.00814	10.08403	21.62961	10.07137	13.48307	25.32605	11.21622	15.60447	20.4296	19.00748	16.6387	20.10978
CUST_7011	PI429010886	N20912	0.00904443	15	6					59.81154	65.04883	61.87149	59.48241	53.54287	54.25668	51.95311	48.96189	48.73482	53.14113	59.06511	48.20014	45.91877	46.54283	79.36504	43.93733	47.90709	47.93453	56.82896	56.30361	43.24865	53.12256	56.82896	56.30361	43.24865	53.68573	67.3007	53.84002
CUST_34770	PI429010886	M10610	0.00901646	21	3					54.2724	46.64691	50.53965	77.35718	56.31897	71.66506	52.05076	38.71226	45.96577	65.72695	65.84152	60.79074	45.95512	41.27319	46.39504	55.88006	42.76898	57.29374	47.97707	27.50428	35.85739	68.51645	34.23416	48.61521	57.56454	56.62618	77.808
CUST_50998	PI429010886	M91728	0.00902513 2	12	9					575.3242	943.4447	657.3507	650.2714	501.9234	530.3219	652.6836	534.7331	739.3679	704.3483	764.2764	697.5829	837.2458	688.6527	736.9876	553.1321	476.5395	601.887	582.3778	912.8746	1103.344	674.5328	792.599	789.8715	658.7898	662.7709	908.3858	
CUST_6582	PI429010886	N20302	0.00902513 2	12	3	321468529	hypothetical protein DAPPUDRA		2.03E-93	195.7919	333.2203	206.98	220.8506	309.9338	223.7463	258.7066	348.0379	279.7784	180.0167	207.8778	184.3858	225.1246	224.3833	197.4226	255.0769	435.509	382.9427	187.3112	263.0521	270.3263	180.8767	251.5671	169.3049	243.9147	247.2845	199.2769	
CUST_42794	PI429010886	M61268	0.00905824 7	24	21					84.67585	94.1914	106.1625	91.82394	78.66288	60.43161	82.57504	78.67787	78.7116	97.44091	77.44274	84.45149	105.7899	60.94356	72.96184	80.5549	107.6737	97.10574	89.57069	104.0463	112.2837	106.2214	113.6471	95.68309	86.99822	98.7449	139.0644	
CUST_6193	PI429010886	N19753	0.00905824 7	24	18					347.1137	572.9401	574.0759	440.9984	337.1412	300.7552	513.5436	487.4115	535.2394	529.3696	405.5854	352.7205	489.4418	372.1298	376.8731	555.3803	665.3418	653.5411	686.4707	531.8423	743.3385	541.4917	523.3495	566.6051	652.1093	515.2465	694.4759	
CUST_7792	PI429010886	N22080	0.00905889	24	9	321473113	hypothetical protein DAPPUDRA	Transport	Vesicle-mediated transport	1.01E-24	71.12138	65.88877	60.27161	76.25504	68.14816	84.25166	88.84654	76.02418	79.98506	76.89496	77.21485	92.03434	63.04493	73.35252	73.72575	117.2793	69.96485	91.08467	86.16832	49.97848	58.69436	75.31313	62.76069	61.48782	70.67656	67.36564	57.65509
CUST_51758	PI429010886	M94914	0.00906092 12	0	442769035	glycosyl-phosphatidylinositol-lin	Metabolic process	Nitrogen compound metabolic process	3.23E-13	206.2187	73.42732	323.3549	159.9694	130.496	60.90419	125.8093	103.5544	227.0055	109.762	203.7183	114.4474	257.7877	156.5986	211.2323	34.13826	61.59148	57.73118	155.5805	104.5613	165.5396	284.1966	395.794	396.2592	188.4169	286.0534	530.9393	
CUST_18430	PI429010886	N39784	0.00907068 21	3	321473037	hypothetical protein DAPPUDRA	Metabolic process	Oxidation-reduction process	1.11E-34	103.3338	94.27306	NA	29.98633	210.8033	216.014	78.70208	184.0518	63.29655	NA	55.62648	48.81917	24.80368	97.17225	58.41936	43.73952	27.7582	25.46423	20.30731	187.9422	24.39861	38.92916	122.3191	42.29499	NA	356.4497	NA
CUST_1085	PI429010886	N8443	0.00907183	18	0					542.7794	776.9293	613.0157	500.9726	620.4556	540.0952	445.0179	610.1834	448.5869	535.748	604.6962	573.4698	494.606	535.4815	494.454	527.7959	791.8334	606.9823	574.4065	655.6894	635.7483	362.4397	643.0042	656.7134	423.0504	499.3569	469.2787	
CUST_8820	PI429010886	N23647	0.00907367 8	15	12					23.82334	27.44415	14.7532	6.863677	6.624695	27.80262	10.88981	14.1084	7.920298	8.884176	NA	12.14327	23.4544	36.26885	23.98666	14.51648	21.99437	28.96132	19.26369	27.93243	13.71712	12.50303	10.91685	12.31866	20.78429	17.77361	13.39577	
CUST_15862	PI429010886	N35261	0.00907405 3	21	15					74.18037	81.80549	15.76545	71.02716	11.09601	64.02245	66.296	39.74893	45.5101	68.36775	31.89668	26.87469	51.3517	67.41125	36.39325	123.8198	137.6772	123.0482	56.49639	13.1424	49.39254	28.55984	89.97113	21.8116	13.42624	21.13533	12.80063	
CUST_48580	PI429010886	M81126	0.00908319 24	21						149.7056	93.3634	151.2383	104.3299	57.02244	71.1038	118.4277	89.84164	113.4582	124.4149	65.90164	75.11158	105.6776	72.69874	81.84916	116.4978	102.411	149.7452	137.7644	121.6759	174.0791	119.5848	140.2946	147.2992	132.3168	136.8093	183.5316	
CUST_26548	PI429010886	N54432	0.00908946	24	18					12.66337	5.356052	NA	7.050764	NA	4.618704	3.563833	NA	5.200057	5.920801	6.293716	6.405558	12.28624	6.013724	5.879724	8.869172	4.230109	8.184195	27.29484	9.913032	11.3602	9.989717	9.585902	10.44922	14.13668	9.893288	3.264445	
CUST_36989	PI429010886	M17470	0.00909279 1	21	0	321465867	hypothetical protein DAPPUDRA		2.07E-12	16.97405	14.00699	15.74607	9.37834	8.396446	12.48451	6.317629	9.735966	11.94299	8.47849	11.74876	6.899584	6.609031	6.49677	12.59237	6.192212	5.270725	9.218794	7.964923	17.49722	5.103026	14.6635	5.709589	15.36351	13.87626	10.15772	9.656421	
CUST_964	PI429010886	N8007	0.00909708	21	9					5.797914	13.45455	NA	7.092464	53.42717	33.4192	16.72046	12.40482	8.243972	NA	31.13507	48.03034	15.57705	8.015981	NA	5.523343	7.209009	10.4021	4.426892	8.348262	5.668943	6.447745	13.96735	7.56114	11.16455	8.797471	NA	
CUST_55705	PI429010886	M113178	0.00909479	18	15					91.38505	60.63954	46.05207	65.7688	56.26482	37.00025	109.2822	102.3111	34.43069	167.0595	95.78807	53.91461	80.09649	106.7181	49.20954	265.8681	108.2204	61.6812	94.7296	138.4604	159.3635	84.73544	227.6832	154.6274	124.0673	66.6086	35.35085	
CUST_9544	PI429010886	N24811	0.00909479	24	3	321460073	eIF2B-alpha protein [Daphnia pu	Protein metabolism	Regulation of translational initiation	2.13E-15	85.0591	30.01166	24.88093	112.3276	37.10235	34.56313	91.00224	28.60711	46.38019	108.7185	32.5401	33.92168	37.14598	43.23631	21.19654	27.67201	35.75247	27.79405	43.92455	20.95678	25.53977	41.32943	36.34596	38.48189	18.81562	25.15802	22.62211	
CUST_28450	PI429010886	N57965	0.00909479	24	6					19.60329	41.67619	30.99758	53.087	32.36969	20.945	27.20014	54.04744	58.48301	32.1267	37.13496	27.1479	49.6421	5.797914	37.44318	22.54353	26.92758	23.80751	18.68449	24.11862	17.15876	12.06091	32.14243	35.75916	19.32091	32.3057	
CUST_42758	PI429010886	M61171	0.00912309	12	9	321471759	hypothetical protein DAPPUDRA		1.36E-08	105.3673	63.88807	103.1963	94.45356	55.19896	71.78136	75.16291	73.13284	87.31684	148.131	72.93884	105.6776	131.1419	78.4622	83.70817	65.04883	51.59074	79.90962	128.8131	70.42723	90.03155	177.6996	93.07316	141.7833	104.3593	69.53723	145.7532	
CUST_7406	PI429010886	N21493	0.00912625	18	9	307175084	Nardilysin [Camponotus floridan		4.82E-63	27.90588	25.70617	36.40347	18.98605	22.53586	18.67083	92.7356	30.58701	47.79939	43.126	26.31272	42.26958	33.26038	43.07453	42.12804	60.76642	28.85219	47.15185	36.615	22.86182	38.22258	32.15923	20.9364	36.31991	42.26354	30.11811	37.77999	
CUST_6043	PI429010886	N19552	0.00913072 21	3						74.10459	57.3502	54.62254	73.75221	88.07773	95.68309	55.49194	54.87487	51.29155	52.60565	28.34861	68.66348	50.7989	45.89596	82.86519	65.94538	33.63302	52.86649	74.21045	63.66074	72.75115	61.74127	35.82991	63.49903	83.68571	79.54469	72.48391	
CUST_19079	PI429010886	N40945	0.00913583	24	18	260801100	hypothetical protein BRAFLDRAFT	Transport	Protein transport	5.27E-32	35.40128	27.9152	41.86279	33.44947	23.44192	18.59269	41.31439	17.8371	15.54537	27.20683	21.43294	16.99789	20.68983	22.87315	28.93158	40.3175	22.4839	24.78012	62.89605	34.6239	46.90598	44.1311	20.77278	33.62763	42.94726	15.8055	56.56581	
CUST_29652	PI429010886	N60298	0.00914046 24	15	24	241705172	ubiquitin specific protease, puta	Protein metabolism	Proteolysis	7.78E-23	8.30504	6.559869	NA	9.150568	6.017589	3.93697	10.00971	8.421879	9.090753	NA	5.868192	NA	9.300553	6.265386	12.67284	13.58834	12.71578	14.24675	NA		9.33567	9.00236	19.33464	NA	6.987091	7.416957	10.68459	8.092996	
CUST_27285	PI429010886	N55781	0.00915025	24	0	524880969	PREDICTED: exostosin-2-like [Ap	Developmental process	Other	6.45E-30	22.13004	23.95198	20.16722	17.57495	16.92315	16.39884	20.04347	18.60577	24.86359	15.32048	16.66197	16.34183	13.90121	18.46557	16.28228	14.89846	22.82508	22.49527	13.84198	20.2995	7.333794	24.42528	18.25109	18.67988	26.6049	26.65836	20.17508	
CUST_44364	PI429010886	M65721	0.00915669	24	6					211.3027	178.3834	178.7424	223.3609	156.1818	174.857	373.5014	295.8069	424.7669	197.5603	569.6083	124.3455	292.95	354.7453	214.5942	320.552	384.9395	530.8049	120.6137	145.1769	139.3061	130.2565	128.4025	151.6547	98.53709	141.0969	141.9587	
CUST_3700	PI429010886	N15078	0.00916277 15	0						317.4305	449.9406	NA	173.8121	NA	172.1367	286.5115	118.1532	288.117	8.595293	14.11364	12.08433	72.71537	325.6483	72.64707	382.5381	201.3091	143.144	242.133	158.6683	189.476	NA	347.9647	5.057633	49.28164	92.71133	NA	
CUST_16571	PI429010886	N36484	0.00916865 15	12						22.93848	24.22177	24.4152	12.65976	22.14763	17.24019	14.24832	12.67148	12.95302	7.356172	12.4284	24.53994	19.96477	27.77843	28.4851	24.85014	18.67083	15.3457	19.51476	17.57039	14.79429	15.9565	13.84795	21.87306	24.469	6.81204	16.34992	
CUST_11650	PI429010886	N28179	0.00917588 7	24	18					62.03291	56.45276	119.6854	47.46533	49.40203	43.97459	59.3203	48.8328	54.03718	62.64213	41.25814	62.56704	64.54113	48.51561	59.99359	64.47129	76.59647	65.42578	92.33626	53.69851	80.74224	66.49052	50.74506	70.57647	91.86363	61.34753	78.25384	
CUST_5969	PI429010886	N19442	0.00917949	21	9					83.30459	94.55136	110.9878	104.3843	95.80871	78.43006	97.97101	119.077	134.9856	138.7794	123.2894	150.9062	104.7454	116.0445	107.2361	84.91891	141.3011	101.7482	108.3364	115.3398	116.4413	85.92835	123.0345	122.1215	92.00118	96.9591	97.46284	
CUST_1272	PI429010886	N9093	0.00919684	24	15	13898841	CUB-serine protease [Panulirus	Protein metabolism	Proteolysis	3.55E-58	2256.232	1594.801	1480.822	1578.545	767.8994	1203.381	2350.317	4064.827	3509.087	3258.199	1191.479	1033.621	2933.397	2561.777	1125.5	6559.55	3331.869	6929.595	3688.899	4981.65	5427.368	2363.552	435.2817	1446.549	3620.969	793.2617	1964.046	
CUST_37441	PI429010886	M19040	0.00918485	15	6					30.83149	4.038133	12.00032	22.74199	29.6926	28.61425	338.6752	NA	303.5583	28.26843	15.01185	24.76487

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_2559_PI429010886	N12624	0.009411166	24	21						284.8685	340.7195	292.4122	302.7218	302.9304	274.7035	169.5998	260.9505	196.875	286.745	250.7116	272.3474	305.6416	266.1014	314.254	308.8108	273.6157	334.719	344.3047	256.1905	207.3653	394.1154	294.481	314.0471	382.5381	283.5165	328.7563
CUST_4183_PI429010886	N16185	0.009411166	24	18						631.2553	678.0803	709.0094	565.424	490.7221	497.1127	677.6753	539.585	522.858	690.7831	518.9718	702.1022	689.88	532.2614	629.0343	905.7144	690.9865	769.5468	889.3882	576.7675	836.1158	827.5626	618.3282	798.5585	872.2903	614.0454	896.6099	
CUST_7459_PI429010886	N21579	0.009411166	24	20						140.7449	156.4627	119.5848	78.3726	72.1336	68.31562	103.0089	123.0345	93.80651	75.71093	90.69879	88.0075	99.94989	82.76148	87.71525	101.7842	142.6733	121.0574	132.5291	155.7969	88.94466	89.21288	99.46029	118.5659	111.4946	119.329	
CUST_13474_PI429010886	N31252	0.009411166	24	21						156.2876	233.0433	236.1021	165.5673	143.92	165.4991	144.7014	165.4991	164.8179	186.4716	166.8658	156.0931	234.7388	150.073	215.3959	186.5755	203.0154	215.1114	240.1963	190.3204	209.2132	232.7013	182.2041	257.5954	216.9998	209.7386	250.621	
CUST_26825_PI429010886	N54947	0.009424619	15	0						54.55547	125.8093	90.41336	53.61862	68.71816	40.38119	20.38623	43.46921	42.06094	47.59455	36.27638	29.5607	187.0484	34.80724	195.2227	201.0938	31.53193	152.8269	117.5547	83.9852	96.74886	47.66934	35.46629	17.35683	18.61738	57.10009	53.9262	
CUST_26213_PI429010886	N53857	0.009439672	21	0						37.84952	36.53104	35.34111	34.74447	36.83655	25.80525	26.92758	22.75502	40.72145	19.28481	14.30371	28.05304	25.31848	29.65588	44.45593	39.25729	14.62836	31.22074	45.7721	31.22451	26.55873	46.77922	29.67957	55.87434	28.52646	22.27865	49.85348	
CUST_22066_PI429010886	N46359	0.009448122	15	9						197.7072	130.0637	113.3335	177.4557	129.4913	157.2166	193.6659	140.9438	180.4963	243.8189	157.7724	189.8869	152.2431	151.9875	163.9175	134.6492	150.4308	163.2927	189.4144	154.854	148.298	213.1791	150.6011	175.63	241.1372	164.9432	226.5718	
CUST_8564_PI429010886	N23227	0.009449749	18	15	157131921	mitochondrial ribosomal protein	Protein metabolism	Ribosome biogenesis	2.37E-88	289.6241	462.531	292.0796	235.9714	452.5351	304.9349	326.9964	473.2258	379.9317	279.9265	344.1561	366.9286	332.1692	348.1933	378.7986	480.9139	492.2464	529.7211	291.8297	381.5915	370.3281	246.6369	319.5317	313.5422	323.2809	323.5934	372.7272	
CUST_35227_PI429010886	M11964	0.009454684	24	9	339787896	calmin-like protein [Tigriopus ca			8.24E-14	4.179167	14.46618	11.1896	12.17385	22.40935	19.13763	20.38818	40.96757	28.82404	NA	38.06618	18.07705	16.66408	51.32543	19.35718	16.02388	22.18677	26.51031	11.9085	30.09026	19.86967	17.41612	22.16839	7.442251	7.625156	20.25957	6.065608	
CUST_52916_PI429010886	M99417	0.009460665	18	15						94.10473	146.9401	93.03552	71.03566	70.44138	66.6086	178.7203	108.8028	106.506	69.92347	70.0011	67.81145	115.2516	96.16362	87.06917	107.4885	115.6931	111.2714	75.10319	75.87682	53.88185	66.1068	60.30614	71.86601	74.05592	61.39194	83.6658	
CUST_16105_PI429010886	N35660	0.009460665	18	15	356651196	heat shock protein 21 [Macrobra			5.03E-13	655.6894	547.1222	586.1434	633.8464	513.2014	511.0453	563.8477	490.4622	512.3561	622.9027	476.9732	680.9887	546.0695	521.086	543.6971	664.9053	720.7726	722.7897	589.5468	506.8228	709.4562	546.6865	576.7675	655.3101	465.972	488.2191	659.603	
CUST_48238_PI429010886	M79478	0.009484085	18	0						12.37965	26.86667	16.04875	18.49355	9.902198	21.87746	15.15361	NA	16.98223	8.198822	9.62424	NA	8.771483	8.102905	NA	21.93249	20.7057	19.66532	26.42112	19.51325	19.25567	17.65737	12.45866	19.92947	16.36929	13.98648	12.4892	
CUST_4899_PI429010886	N17737	0.009487271	18	15	390345455	PREDICTED: zinc finger protein 1			4.45E-27	14.24675	13.34709	11.7024	10.25273	9.273221	NA	9.149353	11.4038	8.297607	13.42904	NA	10.63933	12.52949	10.39641	14.23642	11.52944	23.08542	13.905	6.926192	9.555384	15.21531	11.18155	8.790565	8.807925	7.737208	8.410091	10.89368	
CUST_39181_PI429010886	M35737	0.009490981	24	3						7316.568	19.88289	5514.378	7568.31	6500.649	8215.523	33.78234	94.60841	46.64691	6304.559	6752.376	8768.122	5080.07	3972.222	6125.57	12.63962	NA	34.23102	53.51539	221.7013	47.63863	5080.07	1457.293	4522.071	258.1145	869.3099	909.4866	
CUST_35174_PI429010886	M11806	0.009498697	21	12						41.59303	22.3639	40.29385	250.3014	144.6793	122.4622	729.4004	119.1399	754.678	127.5443	886.9505	24.74446	1201.71	901.5762	98.36388	33.92168	316.4278	66.70374	10.38475	49.59199	12.21582	21.97251	264.7345	161.9628	71.80743	44.98293	37.5978	
CUST_38951_PI429010886	M32423	0.009512087	24	12						29.79615	31.2986	33.38645	68.24011	43.17122	44.56209	71.30275	75.50995	112.4597	29.79879	83.08281	29.32605	52.25815	142.8894	85.785	44.64909	141.8167	99.57709	21.55928	38.11477	29.84354	8.30152	43.55336	61.17453	15.09523	33.67346	43.60777	
CUST_21039_PI429010886	N44516	0.009513978	24	21						28.00501	34.04257	57.9144	15.24489	9.000381	13.73882	12.4892	48.94611	55.1847	13.69771	22.37507	12.07805	33.5806	11.82584	25.23652	12.59509	21.91017	12.68701	56.74562	46.24985	74.58857	70.84605	58.4567	36.78126	87.97629	24.95325	83.62172	
CUST_968_PI429010886	N8016	0.009525659	12	0						893.2381	493.5638	1092.583	707.3878	388.3408	340.4948	297.7548	304.2261	324.7451	471.9849	468.1951	349.3011	427.0381	1348.208	854.1319	1399.933	165.2661	200.5807	1062.6134	600.976	561.1654	595.1579	1318.185	877.7497	804.0438	529.5138	675.0754	
CUST_33400_PI429010886	M6795	0.009528806	24	21						158.6448	133.4766	194.0105	154.4455	165.3213	171.9553	110.8779	138.5639	153.9744	160.7833	151.9921	146.4225	149.5552	175.4398	157.0354	172.0396	190.6927	187.3112	194.2319	160.139	148.7876	179.4641	179.7937	187.6435	215.0091	158.7406	202.0659	
CUST_49208_PI429010886	M84686	0.009528806	24	21						227.5418	337.5798	421.977	263.4037	303.88	316.6599	249.6908	315.1053	204.4688	261.5479	338.507	311.5041	254.9324	286.2998	293.0253	361.1669	412.604	343.5695	381.849	299.4747	288.5968	449.3664	334.8644	394.5922	568.8248	340.9357	307.6081	
CUST_31640_PI429010886	M2035	0.009531993	12	0	524893554	PREDICTED: uncharacterized prc	Metabolic process	Cellular amino acid metabolic process	5.26E-44	124.8682	234.8735	211.4099	158.0057	180.3948	149.2467	115.8263	160.0191	147.1247	182.2609	171.436	186.658	152.4151	197.5933	193.3377	170.5897	42.49657	167.0808	154.8931	140.9228	120.6508	191.8512	255.0769	249.8271	211.9713	230.0694	222.3991	
CUST_22631_PI429010886	N47366	0.009532095	24	21	321478800	hypothetical protein DAPPUDRA			3.53E-28	12.60763	15.93445	23.93602	4.250002	29.19743	15.68492	4.733913	19.55073	11.56292	8.880632	11.94454	5.990546	11.0155	12.92087	8.62544	7.534185	14.66099	13.52973	8.178473	21.42827	20.71285	16.42269	24.80919	23.72167	14.93559	18.12289	26.79915	
CUST_30308_PI429010886	N61596	0.009544838	18	15						18.53796	19.15475	NA	12.09389	13.99736	19.1752	6.258419	27.81087	14.52479	24.09713	17.49722	14.3393	29.1452	10.59882	18.40393	19.00338	20.77278	35.49916	15.7218	14.85649	14.72189	11.7024	NA		31.05988	3.847413	4.266835	3.994186	
CUST_49838_PI429010886	M87376	0.009549535	18	0						17.79556	14.18007	NA	12.52949	NA	12.46469	9.942624	7.07223	6.669932	15.80426	8.567205	13.03303	5.461689	15.49957	39.46646	13.50832	7.309623	11.73235	46.10158	11.52651	11.77605	11.4759	10.80862	8.010707	6.564831	4.648358	10.41528	
CUST_38571_PI429010886	M28126	0.009553403	24	3	33468738	calcification-associated peptide-			4.54E-12	968.0088	197.3862	857.1902	1057.154	2769.46	1981.815	199.6837	358.1637	162.5974	489.8482	1359.653	1426.897	283.4621	1632.022	2061.689	89.1801	82.9737	84.84749	65.71584	467.0081	48.05348	517.7643	422.0714	440.2791	82.49497	624.9341	157.3439	
CUST_34593_PI429010886	M10106	0.009554	21	15						207.1407	360.1634	191.3144	309.0132	436.2924	412.4307	341.2447	273.8482	186.1038	320.7176	534.1168	543.0846	251.3401	461.2704	523.2386	431.5244	601.3269	491.0486	231.2512	156.338	220.9078	171.3397	230.5014	264.5418	214.7361	318.6428	214.5942	
CUST_9264_PI429010886	N24334	0.009557334	21	15	380011359	PREDICTED: E3 ubiquitin-protein			1.55E-40	68.58944	92.48145	94.7296	68.22331	77.79664	86.24643	69.64615	84.9728	88.34301	83.70817	83.89283	61.96517	85.63473	92.0742	76.5633	104.2797	115.0193	110.519	76.09471	92.95196	88.78315	90.07438	90.56235	81.47133	89.65818	74.60421	92.28753	
CUST_21190_PI429010886	N44791	0.009559277	15	0						1649.981	2629.319	441.8514	624.767	1415.173	500.3221	702.937	13988.25	447.8863	218.889	181.663	155.3531	91.17437	6688.584	126.4468	443.8257	851.1928	449.1793	382.8713	402.436	374.3365	320.2208	349.6396	196.7413	331.6434	325.0373	145.5507	
CUST_52581_PI429010886	M98048	0.009582641	18	3						744.9105	764.2764	904.3497	909.4866	1317.605	1522.629	821.5501	699.1348	876.6144	811.9435	548.9123	802.1705	890.6088	581.4931	555.0536	1107.545	814.9423	828.3699	1000.348	712.9201	829.1725	1030.175	800.6803	973.9492	921.74	724.9498	923.7499	
CUST_41499_PI429010886	M57884	0.009585605	24	15						142.6225	98.98816	128.4222	107.935	67.44192	90.66543	185.1157	95.43553	142.1072	183.5082	93.61951	144.5431	175.7096	95.47293	125.8771	186.792	137.5078	169.8371	150.1329	92.39943	147.7951	131.2558	109.9399	135.8226	126.8388	91.95645	139.095	
CUST_3079_PI429010886	N13749	0.009585605	24	15	242017839	hypothetical protein Phum_PHU			5.02E-45	93.56602	153.6889	128.78	83.23692	99.64105	91.84111	101.4772	140.4269	122.9659	82.05798	100.0827	124.1583	103.9647	129.9776	115.0193	128.2527	185.937	157.985	100.6757	121.5207	165.7838	88.34301	138.7489	131.8408	88.45765	121.6162	116.804	
CUST_5592_PI429010886	N18918	0.009585605	24	15	148226898	phenylalanine--tRNA ligase alph	Metabolic process	Cellular amino acid metabolic process	4.33E-173	23.41335	63.17902	36.33342	21.618	33.55276	26.31272	38.89512	57.05634	43.35233	31.3587	38.89794	26.80276	38.18197	36.74804	29.59501	48.17461	63.71474	52.78141	39.61156	35.33106	42.74631	28.87751	33.35662	42.12804	34.91434	38.89189	24.11397	
CUST_41355_PI429010886	M57537	0.009593672	21	9						4.002972	13.80069	5.404267	12.36112	12.76575	12.83977	6.415726	14.91026	15.68492	21.35681	16.00106	NA	11.40479	15.72841	12.00032	9.718797	19.58546	12.1414	6.72839	10.31745	11.35653	10.46073	12.78545	7.652903	15.28234	12.32049	6.058085	
CUST_41128_PI429010886	M56936	0.009606049	15	0						48.48353	78.68427	61.37944	63.08459	69.54417	53.04738	41.67991	43.77016	40.17351	42.09646	35.04281	47.2578	52.56129	45.1573	48.30656	53.9367	64.82967	45.96012	41.40683	40.9561	49.4765	45.66053	43.02401	50.07055	41.86801	43.61505	48.07833	
CUST_57029_PI429010886	M115152	0.009662368	24	15						511.2321	470.9814	574.7506	509.999	422.6098	440.4343	463.4514	444.1379	500.4612	542.5585	414.4128	365.8262	474.5724	464.5257	476.0531	697.5829	633.4957	567.5384	496.2739	503.2152	549.679	567.0251	501.4701	516.7675	536.489	506.2756	600.976	
CUST_57301_PI429010886	E4652	0.009662425	24	21	345316531	PREDICTED: beta-1,4-mannosyl-	Metabolic process	Carbohydrate metabolic process	2.61E-15	29.58887	16.6131	28.08905	26.05349	17.0552	14.90496	8.883273	27.69715	20.72028	13.71572	20.1	23.08542	12.71713	15.01335	25.56702	18.99558	18.28134	23.78251	21.28132	24.9948	26.42112	29.51504	27.15396	28.71238	31.84584	16.64789	32.67436	
CUST_2483_PI429010886	N12478	0.00962606	18	15						45.65444	61.37944	54.62717	41.84178	62.367	53.45027	22.79379	37.09003	33.60313	23.73245	35.5206	53.06387	41.82858	82.24574	72.3378	57.67493	55.19896	77.48265	31.44937	54.11401	63.55637	34.96815	66.96376	66.73428	38.81639	51.18755	28.57269	
CUST_24559_PI429010886	N50840	0.009636845	18	3						23.44667	31.75441	30.4977	32.41501	35.56743	31.33584	18.82944	27.9284	21.82795	26.95753	31.11334	22.80766	30.99758	31.12503	24.58293	17.90502	25.12907	23.422	17.94749	20.4836	17.90949	31.43843	33.71363	31.64405	29.56314	23.4544	35.38316	
CUST_50706_PI429010886	M90719	0.009644134	12	0						40.45487	32.50381	33.74242	29.35282	64.95625	42.3598	23.70635	29.5607	27.89407	31.43843	37.07514	40.56783	35.05094	38.07838	43.73952	30.36386	25.85738	32.68841	30.51072	26.4046	31.26771	34.88562	31.07591	21.38839	33.60676	36.80764	41.12174	
CUST_32335_PI429010886	M3851	0.009644307	24	15	345495410	PREDICTED: hypothetical protein	Cellular Process	Cell death	3.08E-128	59.09232	58.64151	59.97246	51.44911	55.08838	62.01214	68.13325	57.48416	55.94132	80.90741	57.60444	86.01043	58.80984	75.12894	62.12865	74.48675	73.06306	80.60289	74.8864	62.06796	59.8943	69.02489	59.22932	65.22345	74.49329	55.32819	73.88293	
CUST_13772_PI429010886	N31740	0.009644307	24	15						620.9302	501.0897	489.9777	538.6242	399.349	345.674	615.4627	494.3291	563.9832	581.654	413.108	330.9867	699.9941	416.778	433.7137	717.5574	619.2009	712.9201	722.545	493.5638	701.5555	620.2559	484.5328	625.2657	531.8423	422.7276	542.7794	
CUST_26225_PI429010886	N53877	0.009644307	24	21						26.80276	23.73807	21.47499	24.25636	16.2921	19.05953	20.97185	20.80025	14.85493	11.83609	20.03269	10.03167	25.46041	17.80167	20.97645	27.9125	34.63148	21.72789	34.94683	17.16673	23.10033	32.34328	25.24715	20.62924	47.71567	22.08254	32.10443	
CUST_54608_PI429010886	M106834	0.009644645	24	6						8.396446	11.86651	8.815762	14.72662	18.85869	10.39079	11.48186	13.64514	11.75933	10.75635	8.168708	8.561749	8.243972	9.217287	9.184105	11.18301	8.944558	8.133753	9.068193	9.389205	12.64397	7.530036	6.87399	6.070219	9.808744	7.401064	10.99842	
CUST_52986_PI429010886	M99693	0.009644645	24	21						19.50063	21.05828	21.39039	17.33723	12.16037	4.017884	9.215946	10.15208	11.23899	30.06892	11.44329	18.53166	21.75367	13.02105	18.49915	24.09442	15.10046	16.98033	21.63837	19.30617	11.63737	34.82138	23.43732	17.21886	23.0873	21.87085	34.53159	
CUST_10991_PI429010886	N27098	0.009644645	24	18						27.55963	80.63078	70.02512	46.22189	43.92787	38.28366	50.18213	45.49065	57.79848	67.09453	45.76238	54.12459	63.55637	41.89699	64.97632	57.86776	55.47729	82.91071	62.58458	99.06526	70.44138	64.01323	62.33316	75.39478	59.81196	71.5317	67.81869	
CUST_22053_PI429010886	N46338	0.009644645	24	21						25.69634	30.94993	36.97106	18.30651	35.0064	28.65291	24.54259	31.52277	32.24502	32.13276	24.71696	31.72823	25.13355	38.16633	29.24032	38.83274	46.9424	33.5564	45.67001	24.69407	34.1983	50.48397	40.83819	39.74086	43.70175	32.05943	36.7	
CUST_10729_PI429010886	N26694	0.009647783	21	9						45.39182	46.14868	44.66421	45.96012	61.86512	45.17758	62.66376	58.48301	62.14225	78.80045	63.50827	68.11052	50.51811	42.03292	53.39229	62.196	59.797	64.23608	73.39823	58.30071	53.40427	58.79368	56.95109	56.15422	61.53216	59.77969	58.72904	
CUST_36079_PI429010886	M14565	0.00965919	18	15	328796226	mitochondrial ATP synthase gam	Metabolic process	Generation of precursor metabolites ar	4.83E-98	1091.098	1664.278	1296.153	1049.887	1370.424	1407.191	1806.683	1384.734	1034.116	1415.173	1744.803	1139.062	491.3879	1392.216	544.0973	2543.39	1934.597	1834.729	1649.981	1087.147	1657.457	916.8554	1060.229	882.793	676.6048	844.6913	811.3473	
CUST_42690_PI429010886	M60979	0.009667134	24	18						2030.062	3643.551	2174.954	2058.438	1485.178	1643.622	3538.483	3258.199	3350.998	2514.613	2277.337	2127.944	2549.09	2177.847	2886.102	2889.672	3588.155	3568.199	2419.664	3724.515	4527.493	1749.36	2335.81	2487.704	2842.045	2098.966	2740.835	
CUST_49987_PI429010886	M88107	0.009667134	24	3						1169.783	162.6721	971.9693	1171.488	4895.993	3478.142	177.7613	550.3617	154.3451	457.0998	3167.765	1744.803	1139.062	491.3879	1392.216	544.0973	2543.39	1934.597	1834.729	1649.981	1087.147	1657.457	916.8554	1060.229	882.793	676.6048	844.6913	811.3473	
CUST_263_PI429010886	N3192	0.009667134	24	3						4069.74	216.2603	4229.758	4965.926	11094.64	9444.83	157.7724	415.3144	179.4936	1139.817	6897.446	7376.103	824.4785	8309.047	7484.678	138.0724	141.9148	171.4409	119.339	542.3764	106.8262	147.5384	200.8806	147.2128	186.3541	589.8797	212.7294	
CUST_13927_PI429010886	N32038	0.009667134	24	15						32.37762	51.58557	50.12052	62.14225	44.79025	35.87313	39.78508	48.12738	23.3143	75.64874	61.75951	73.98792	50.12052	58.59505	94.26006	107.2224	64.15268	77.78042	64.35949	72.14124	76.53238	56.36738	53.09943	85.52485	89.25338	58.80006	66.52473	
CUST_307_PI429010886	N3740	0.009667134	18	3			Metabolic process	Carbohydrate metabolic process		116.0759	46.82802	103.2209	154.9154	121.2532	144.9793	77.11712	66.11978	54.67195	126.1702	151.3085	112.473	133.5862	113.5681	102.3977	49.17415	36.36523	31.53193	71.62515	64.1954	34.47208	166.2093	142.0375	92.65597	70.41437	114.9651	81.15666	
CUST_29436_PI429010886	N59859	0.009675667	24	21						4.564041	6.208575	8.700256	4.920386	NA	5.038532	NA	4.056541	6.652007	NA	NA	7.634361	NA	6.413865	6.112777	4.202898	6.259465	8.831604	NA	13.6796	7.929151	13.2072	12.22228	9.799617	8.109042	NA	8.202317	
CUST_52562_PI429010886	M97957	0.009685069	24	15						42.98408	NA	25.21391	20.33677	24.47097	49.28723	12.30813	20.61453	19.33037	6.339415	38.92511	NA	32.59654	16.25789	40.36855	59.09838	93.08615	59.15801	42.19221	20.53404	50.01635	31.96059	NA		44.72002	47.1467	18.99016	60.30614	
CUST_22765_PI429010886	N47631	0.009697423	24	21						38.52068	NA	71.1642	22.01409	10.81853	6.168158	13.68381	47.52511	7.975034	NA	29.11467	NA	3.550267	NA	NA	32.54688	127.5443	26.60187	270.7536	22.98601	187.7082	NA		153.9248	432.3981	532.4935	52.82485	424.0822	
CUST_50953_PI429010886	M91549	0.009700176	18	15						42.96134	65.44468	42.38319	29.84354	26.29555	29.41321	52.56738	44.68965	33.63623	62.09609	10.83531	44.53859	57.48416	30.5648	26.49945	66.64484	49.94958	69.01316	59.41831	46.0486	29.82341	45.83287	23.38714	27.83033	49.9905	39.57166	30.02336	
CUST_1221_PI429010886	N8903	0.009702953	24	15	197210409	60S ribosomal protein L30 [Hapl	Protein metabolism	Ribosome biogenesis	1.29E-43	14526.85	19522.5	11667.94	13837.12	10127.21	11475.48	17658.04	17210.94	16221.54	15705.46	9629.338	13812.43	14256.4	11112.95	13248.98	20020.97	19791.01	21224.39	15553.93	15705.46	18435.82	13335.43	14307.54	14794.99	15630.09	14363.02	10871.96	
CUST_26425_PI429010886	N54220	0.009705792	12	0						32.42666	63.26218	46.75132	30.1739	28.68856	24.26626	17.93755	30.27748	15.41819	11.1169	48.32075	42.316	58.27906	18.3141	65.57565	24.16121	26.76018	25.58573	10.20268	12.30677	11.02719	40.30598	44.39167	30.82525	31.43843	14.92893	NA	
CUST_3527_PI429010886	N14691	0.009709165	24	3						6864.217	125.8592	5678.164	12473.12	7912.634	11339.63	48.66253	597.9185	42.70736	3890.917	4705.762	5043.311	2698.998	6515.192	6999.724	NA	16.31776	47.61903	25.40663	700.1848	57.78766	4181.398	797.7145	3010.08	75.97892	857.4356	246.356	
CUST_2319_PI429010886	N12099	0.009712045	24	21						35.22718	73.59425	69.02489	49.97848	46.11055	66.02974	48.5496	51.36995	46.66635	50.02722	51.81269	53.90894	46.85827	56.72705	47.4031	52.8767	53.68776	58.36343	54.25668	52.06198	60.5679	60.44338	59.28006	75.80655	53.36488	45.58935	67.42662	
CUST_56402_PI429010886	M113689	0.00971532	15	9						15.98731	26.42527	29.87493	4.234096	20.17748	7.439921	21.52069	25.70122	23.56505	44.58927	38.69008	22.42126	20.50662	13.70168	14.85832	24.01703	23.88306	17.02151	18.02157	19.82326	14.16364	22.21134	17.84752	17.03584	32.74766	37.39308	19.60329	
CUST_32560_PI429010886	M4435	0.009735501	18	12	443717635	hypothetical protein CAPTEDRAI	Nucleic acid metabolism	RNA metabolic process	2.15E-50	16.11644	22.68184	8.804391	10.67743	13.82584	13.52297	24.92323	14.35881	23.59034	15.46584	24.7069	16.37588	23.23426	NA	17.56163	14.20626	22.78318	22.48649	15.27294	17.59796	20.53404	12.45442	15.67181	13.33462	10.89646	16.36594	17.95536	
CUST_25829_PI429010886	N53129	0.009742306	15	0						19.0538	13.57005	8.417136	11.13904	12.85647	NA	5.129351	3.769753	13.86062	15.25449	NA	NA	15.9967	11.33295	12.50576	15.18237	18.16224	24.50935	6.385639	5.479271	6.618689	3.590037	14.04576	5.186782	9.651486	4.786641	10.52851	
CUST_34025_PI429010886	M8540	0.009746101	18	0						916.1745	1011.588	NA	47.31029	NA	53.58837	928.2282	37.45982	802.754	8.361378	13.28096	8.611312	26.85809	1127.686	23.27075	79.37286	33.05084	27.90588	98.71772	195.9057	92.08367	NA		435.6254	2.990286	28.10987	55.08838	NA	
CUST_37413_PI429010886	M18944	0.009754607	12	9						7225.192	3264.887	11052.65	10626.1	6622.666	6744.57	7558.705	7270.382	13419.52	10127.21	8417.477	8522.605	19341.82	7821.557	9669	873.9122	301.2626	1003.961	18070.71	14956.1	19635.13	19485.9	26567.15	25703.26	13248.98	20616.2	27758.19	
CUST_45138_PI429010886	M68103	0.009757327	12	0						11.05074	3.904434	7.355851	4.54022	10.01727	NA	9.404259	NA

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_19868_PI429010886	N42351	0.009881724	24	21						375.2193	365.989	418.2862	352.7205	303.6159	287.5765	299.5341	270.9307	320.6536	491.1439	323.0951	309.6367	363.8565	247.5032	322.75	330.9231	319.4595	312.4297	379.4005	278.6422	369.6716	419.2614	421.8557	378.627	432.4641	309.132	403.3152
CUST_27133_PI429010886	N55506	0.009881724	24	18	157132998	4-aminobutyrate aminotransferaMetabolic process	Cellular amino acid metabolic process		2.06E-36	119.3101	141.753	131.5172	83.13651	103.3038	104.3593	114.6133	126.3851	115.7982	154.0925	119.7969	163.9723	99.47239	129.4391	112.9084	127.1117	137.5443	151.9875	195.5458	136.7882	164.7688	95.92856	119.9872	118.1871	116.724	125.0424	167.6224	
CUST_12033_PI429010886	N28813	0.009886038	24	9						6.198566	8.593041	8.203427	7.657844	18.43476	4.709967	NA	14.72662	9.055283	6.882653	20.22136	13.13174	NA	NA	5.059102	NA	5.090935	4.816293	4.77556	NA	4.344074	8.655185	4.819136	4.100789	4.824842	NA	5.031459	
CUST_41560_PI429010886	M58036	0.009888364	24	15						21.90135	20.71285	34.10624	32.73039	23.76471	23.20404	30.37998	18.51954	26.5557	30.76277	11.93224	40.61255	30.20935	27.88813	27.60403	48.78475	37.92475	48.89327	45.49999	36.91722	35.96649	38.60711	28.1575	27.39004	27.39273	29.37527	37.35985	
CUST_21599_PI429010886	N45501	0.009894596	18	3						42.6416	17.88521	48.33941	84.38135	98.73078	65.11364	30.31506	14.09394	14.56346	41.36333	73.56286	57.94141	56.05212	63.51585	69.5671	12.37965	7.096311	12.74046	27.30898	29.19296	32.69318	57.42169	51.93257	68.49163	20.452	33.58881	45.67001	
CUST_23626_PI429010886	N49161	0.009894596	24	18						63.77866	57.6297	56.88517	40.98047	42.94799	43.19018	59.16985	62.81204	77.9272	91.95645	56.97991	62.80714	72.08616	44.7597	61.58528	86.9167	86.48763	86.71039	93.59078	57.9144	91.87245	67.64673	54.72488	68.16905	100.0093	48.48882	103.616	
CUST_5145_PI429010886	N18313	0.009894931	18	15			Nucleic acid metabolism	RNA metabolic process		53.46273	117.494	95.69298	65.92976	80.31138	74.03602	82.14842	75.0185	82.91936	66.66302	75.25623	65.92209	78.61195	98.38918	73.02048	82.62828	130.9003	103.8143	88.98877	110.2733	89.01896	75.04432	81.73809	84.01764	74.09264	83.15856	61.01777	
CUST_5043_PI429010886	N18188	0.009896348	21	15						14.58842	27.17503	18.42193	16.15468	22.53853	16.07632	16.55821	14.34474	25.62847	17.05701	7.691112	14.18163	20.452	13.7591	17.83143	40.97117	22.63447	24.66829	25.32953	20.36405	22.6604	23.27322	19.38111	24.2919	18.13981	17.54875	31.26513	
CUST_13562_PI429010886	N31382	0.009902069	24	15						33.22829	38.32178	25.35423	25.62527	24.19026	23.31389	26.60187	14.26389	20.24228	26.97175	8.386993	20.11384	31.53465	22.8581	29.0216	38.46589	29.4515	35.76279	19.72255	27.51681	31.71101	25.31216	34.2198	26.03303	26.40704	26.34323	26.67982	
CUST_31122_PI429010886	M748	0.009904964	24	3	443699454	hypothetical protein CAPTEDRAI	Cellular Process	Cell cycle	3.05E-10	57.85035	77.91051	74.55481	76.27282	95.28229	71.63426	56.26015	81.81979	53.081	80.3181	86.6454	71.67272	66.17651	69.46672	55.25246	56.24698	62.5913	53.07048	58.20456	66.02134	57.51884	86.18133	70.50377	67.48873	63.46562	81.65394	69.12973	
CUST_1501_PI429010886	N9836	0.009904964	24	21						3426.429	3571.414	3855.701	3528.773	2519.472	2575.646	3376.686	2740.835	4193.691	3437.158	2009.095	2620.241	3455.897	2670.787	2466.158	4392.913	2940.045	4583.265	4329.518	3091.943	3992.329	4705.762	3650.983	4847.527	4097.003	2102.006	4403.488	
CUST_3467_PI429010886	N14561	0.009909633	24	9						5.807099	23.87984	18.11564	6.345561	11.08375	NA	11.5282	15.38937	17.98748	17.20063	19.90276	16.06184	18.67988	14.28195	8.34915	4.369955	14.64529	7.455208	5.279543	5.698886	10.66383	NA	3.680503	10.20867	8.540806	6.265386	13.26584	
CUST_253_PI429010886	N3026	0.009924011	24	21						894.7312	1582.625	1357.702	1136.704	1196.459	1108.83	1022.798	1719.004	1675.406	958.9028	1055.851	892.4292	916.8554	1054.373	864.3189	1080.452	1503.022	1293.784	1095.503	1516.421	1360.186	1291.739	1766.713	1370.424	1340.842	1455.905	1529.136	
CUST_56031_PI429010886	M112588	0.009930502	21	15						57.49967	80.76921	65.7688	59.65828	39.03604	52.82485	39.86612	69.55765	57.29886	47.54634	69.17285	20.47128	41.70713	78.8865	54.04214	112.2514	139.7162	149.4086	41.92666	77.42501	88.65754	51.9988	100.3493	121.0707	59.98742	78.94493	58.55963	
CUST_12439_PI429010886	N29465	0.009954522	15	9						9.807589	9.615742	16.27834	15.74847	12.75519	18.02618	17.20923	13.83903	4.048817	21.39999	8.124053	22.71026	22.01409	6.699326	11.3602	9.320269	6.949768	9.057903	13.30754	12.27496	11.93992	20.9383	18.75264	33.72001	18.74814	17.8915	22.96931	
CUST_22459_PI429010886	N47068	0.009980557	12	0						234.6915	68.48192	176.2281	84.01764	97.63666	88.95701	58.97313	57.46071	64.18044	90.07438	80.07305	86.38253	77.44274	72.81177	91.22685	97.66082	57.6297	80.59242	59.5223	56.61772	63.27624	85.79452	65.04377	84.45149	86.96518	98.07401	74.94714	
CUST_56044_PI429010886	M112613	0.009999364	24	21						70.79864	62.38786	63.59136	53.99104	59.18726	82.35709	58.49962	50.28629	58.31899	67.10463	66.71306	52.53638	59.88723	49.4478	64.96779	86.97617	72.30895	67.48873	61.65559	64.65354	62.91277	103.7054	66.74815	76.70125	76.61576	73.0273	61.74773	
CUST_33845_PI429010886	M8011	0.009999364	24	21						154.9255	362.9581	236.8356	287.632	224.3337	147.9373	225.6648	225.0187	249.6361	267.1275	224.1099	239.8291	223.3238	290.7575	283.7565	255.4927	249.3411	234.8306	224.4732	319.8754	326.188	293.9043	340.3937	297.9972		
CUST_49873_PI429010886	M8735	0.009999364	24	9						148.1501	120.964	61.85717	84.02947	101.7015	120.4106	199.2769	105.1903	164.1609	106.5519	75.40109	92.91315	109.2206	75.46497	94.59748	104.0048	127.7621	111.5887	83.87393	79.54469	78.43693	45.80468	78.87059	54.80637	91.58124	89.70467	76.12999	
CUST_5199_PI429010886	N18390	0.009999364	24	6	260807245	hypothetical protein BRAFLDRAI	Cellular Process	Cell cycle	1.32E-112	26.46988	20.62724	14.59502	11.45884	7.525743	9.419511	33.07479	22.60966	24.64742	17.22544	13.94414	24.30578	19.11764	13.11926	8.264292	7.335668	10.72225	10.40534	15.92091	7.872788	10.65808	7.26874	12.86605	8.908946	17.80788	6.425488	9.859949		
CUST_15895_PI429010886	N35311	0.009999364	24	21						349.6396	346.4474	364.9578	349.2496	225.4359	312.1009	315.2731	317.1285	326.4698	441.5527	297.7147	366.556	395.0243	294.4308	329.6536	465.5812	357.0377	392.7267	476.9732	297.8139	396.6952	499.0568	410.8005	437.5336	507.9246	316.4278	410.3258		
CUST_20135_PI429010886	N42869	0.009999364	24	18						152.096	160.9576	198.7466	141.5813	99.84349	68.48192	180.2873	166.9821	168.9955	196.7753	128.7298	161.5143	172.6519	106.0881	162.0267	165.5194	185.0283	216.5044	233.1818	174.2921	251.5671	174.1457	121.5207	184.6434	185.6261	136.7882	204.7788		
CUST_29351_PI429010886	N59693	0.009999364	24	18						26.14707	40.97531	13.58834	20.77492	18.79971	17.04459	21.11731	33.6843	15.41425	31.99205	29.08472	31.25385	25.6877	26.27536	33.82765	57.44168	24.61634	37.29216	48.79532	26.37866	50.69492	25.72152	27.22807	27.41576	42.75542	25.51207	37.3089	
CUST_29700_PI429010886	N60366	0.010003894	15	9	307203419	hypothetical protein EAI_00199	Metabolic process	Other	2.93E-14	30.22686	38.37232	37.94299	53.37496	53.35547	24.80368	48.21771	36.42637	39.74893	70.83005	48.7205	63.77213	79.37286	36.19278	76.68447	37.29216	37.27834	47.53117	55.71616	42.6332	54.39234	72.42903	39.85168	76.77599	85.91672	56.66348	108.4526		
CUST_1209_PI429010886	N8842	0.010008327	18	15	478415058	eukaryotic initiation factor 2 sub	Protein metabolism	Regulation of translational initiation	1.76E-146	866.5613	1507.382	1038.339	766.5607	750.3368	744.7409	1304.861	1342.206	1232.079	1165.385	806.5559	820.0431	1118.881	902.1594	873.5747	1152.623	2113.55	1774.191	1129.795	1164.205	1289.52	802.754	951.856	992.2362	1051.228	1184.477	1081.498		
CUST_6697_PI429010886	N20477	0.010021651	24	18	527273256	PREDICTED: protein AATF [Melo			2.01E-45	75.0097	133.196	111.1388	87.82302	89.47762	71.20823	98.70542	104.6237	108.0397	78.21211	71.05641	91.46995	86.81003	105.3673	86.88214	92.7356	159.1067	142.4928	110.1907	129.5335	154.3283	95.73042	98.37749	120.1066	118.4901	95.34191	119.7663		
CUST_12862_PI429010886	N30168	0.010031631	21	3						6.692466	12.55593	15.91979	10.09352	19.31757	18.31793	NA	NA	5.706917	6.443218	27.63973	15.94507	4.939673	6.510028	14.68296	5.476566	6.345561	9.480246	NA				6.038255	3.924589	12.09577	17.31771	13.58565	NA	19.75767	13.95366	
CUST_15798_PI429010886	N35167	0.010037138	18	6	358442120	Broad-complex protein isoform			6.82E-32	12.8639	17.50536	18.09857	14.16203	14.28325	14.30855	15.14996	17.96131	32.20511	17.15225	14.10098	18.9571	16.43359	9.060475	12.13203	12.83208	10.43122	17.458	17.59048	8.335988	20.36911	13.79063	18.33509	22.75502	22.01591	17.94579	28.10459		
CUST_38864_PI429010886	M31337	0.010048332	18	3						601.887	565.3173	648.4382	699.596	554.3874	613.1951	495.0948	694.1978	535.4815	373.5884	633.2997	545.9351	320.552	454.1788	332.0817	362.8786	644.5321	450.3327	387.3552	727.7655	547.6961	651.369	602.8578	600.8289	397.4943	815.4763	549.3721		
CUST_38719_PI429010886	M29577	0.010050697	12	6	259166841	collagenolytic serine protease [F	Protein metabolism	Proteolysis	1.88E-13	4.433037	NA	NA	58.9878	NA	33.71063	754.2071	NA	549.1826	138.0005	87.62517	NA	36.72861	67.20028	25.63724	114.7841	NA	106.3722	1171.1	2234.498	2583.285	193.1768	NA	138.4615	535.6201	99.00226	334.9433		
CUST_25965_PI429010886	N53400	0.010052849	24	9						19.28057	10.57979	13.46545	12.58686	13.67551	12.96002	13.29816	11.0716	9.483977	17.75786	7.419066	17.1166	31.02469	16.75504	12.64397	7.866638	11.45007	10.91685	3.884984	7.307485	4.055566	9.801925	3.655347	6.189073	8.490098	5.84003	NA		
CUST_57207_PI429010886	E2456	0.010059442	18	15						19485.9	19791.01	15435.13	10248.36	11179.97	10337.3	23892.85	29843.45	25703.26	21010.2	17487.6	19150.48	16801.9	16520.01	14137.09	27832.29	23162.84	22598.48	17424.76	17524.49	19855.57	15798.02	13616.29	16580.62	18758.28	14439.79	19150.48		
CUST_33124_PI429010886	M6029	0.010059442	18	15						150.7719	288.7764	211.8745	181.8521	114.8835	142.1426	275.1575	217.5068	220.5131	316.081	155.0651	212.3284	268.1336	122.9221	180.9942	277.4932	324.3008	307.9833	246.5526	156.8206	271.0733	202.2179	137.8653	197.5603	219.7344	153.318	201.3401		
CUST_8583_PI429010886	N23257	0.010059442	18	3	443689912	hypothetical protein CAPTEDRAI			1.93E-58	23.71154	29.93334	27.6757	53.16566	64.59327	57.00268	20.60634	36.6885	31.59758	24.33371	59.53613	45.9767	38.71226	36.11092	41.4895	25.75942	36.08229	18.08639	24.12109	30.43559	19.6201	47.42663	50.3744	43.07828	20.08349	47.1467	39.08397		
CUST_10910_PI429010886	N26977	0.010059442	18	15	321467474	hypothetical protein DAPPUDRA			1.82E-40	87.15149	130.3441	145.9411	91.18387	67.02911	75.56999	126.4187	114.4742	122.8853	92.12669	92.82706	85.14751	100.9966	114.3312	128.645	141.2224	149.0854	141.3511	114.4237	116.9193	139.8179	75.50155	109.7513	94.29714	114.1178	83.83975	129.9006		
CUST_15926_PI429010886	N35360	0.010059442	21	18						108.1208	28.77495	121.0574	105.7899	153.1648	117.0265	50.30283	59.12751	85.73084	109.8814	113.2	148.4879	115.0038	93.28654	102.1933	26.64196	140.05555	32.36969	86.79002	73.67601	93.11317	111.1784	179.4021	139.8095	51.5265	182.5355	94.01958		
CUST_33227_PI429010886	M6336	0.010070758	15	3						480.8108	444.8216	362.5984	500.3221	442.4459	574.7506	430.2082	461.7785	447.6336	346.5231	402.5585	402.1648	389.053	545.5749	422.5065	513.9521	464.677	434.1663	501.7792	464.5257	459.8781	433.0002	493.728	420.6276	298.3765	487.671	392.6361		
CUST_38062_PI429010886	M23133	0.010074843	18	6						145.7916	234.5732	78.12052	286.3491	NA	291.7534	536.1823	152.2838	622.1839	104.0674	83.80666	NA	NA	NA	NA	2051.901	1027.321	1500.89	11.7948	11.44899	8.446033	243.5905	NA	110.2586	4415.56	3117.642	511.4855		
CUST_31129_PI429010886	M775	0.010080049	18	6	321464420	hypothetical protein DAPPUDRA	Metabolic process	Lipid metabolic process	1.81E-72	NA	11.783	9.531461	10.17394	8.311471	10.54437	17.43861	29.62518	10.90252	9.284798	24.12669	16.7377	8.983138	13.3485	24.5024	8.527799	6.699326	11.29632	10.81711	8.178473	11.9832	10.80344	5.165709	18.21058	20.91286	29.76995	39.74893		
CUST_7669_PI429010886	N21893	0.01008837	21	6						12.99802	10.14167	6.813903	11.07815	13.75552	18.44938	18.19202	15.45607	16.49157	19.39663	8.63283	7.626272	25.68422	15.87551	NA	4.868818	6.722248	6.956141	12.28032	14.45617	12.13803	11.57188	4.727516	6.599501	15.00826	15.5193	18.05945		
CUST_6101_PI429010886	N19632	0.010097477	24	21	358442122	Broad-complex protein isoform			7.46E-37	9.738777	8.037102	5.807914	NA	6.432193	4.975896	NA	6.557583	3.381503	NA	7.230351	NA	7.287837	5.698034	3.878432	4.340526	4.487743	6.848153	NA	7.461548	10.95746	7.939364	13.3975	10.41636	10.10725	5.036752	9.019056		
CUST_7088_PI429010886	N21023	0.010109454	21	18	518897355	hypothetical protein [alpha prot	Metabolic process	Other	1.23E-27	74.62293	134.0586	98.35456	66.53367	92.20119	89.80371	71.77497	157.3269	174.9928	97.39106	66.18945	77.72928	125.1706	97.31511	116.3209	85.1761	121.6645	107.9823	180.729	162.7381	215.601	70.36116	90.84788	94.62002	81.15666	68.42492	89.41928		
CUST_11016_PI429010886	N27132	0.010115136	24	0						82.80797	85.49462	89.20331	82.05798	86.19309	76.94539	83.3741	67.31813	67.2518	96.25473	83.04063	91.37677	79.06068	58.60789	80.73093	73.83526	74.96434	69.66595	80.24873	57.20828	70.47134	81.01838	64.34403	81.17631	98.51271	81.81979	97.12878		
CUST_54515_PI429010886	M106316	0.010117004	24	21						160.3187	105.3002	140.0577	144.9984	78.9339	114.3676	52.42496	61.52728	103.7292	136.2348	104.9085	96.23561	191.8796	105.8953	139.1364	166.4205	107.9543	125.9134	150.3698	105.4679	102.326	230.8178	118.7499	180.1999	276.2644	97.48939	173.6995		
CUST_35189_PI429010886	M11845	0.010117004	24	21	242022916	phosphatase and actin regulator			4.46E-69	78.48038	64.10142	80.31138	80.78521	93.47893	65.82127	51.85541	39.38571	52.02384	63.80586	60.70253	67.12887	70.66441	65.61458	70.19469	81.21161	52.6471	80.78521	72.58638	58.74713	56.91288	90.87055	71.47305	98.24098	98.42724	61.41445	82.43712		
CUST_32842_PI429010886	M5251	0.010117004	24	3						213.4873	47.10201	165.8977	196.4999	1331.208	998.7674	49.45288	83.70817	21.57456	38.45768	1062.767	1085.793	43.35728	1106.369	1105.498	28.27048	2.33547	17.31531	19.65297	20.60634	24.15844	60.64674	28.55984	36.43616	20.62453	62.11363	4.924109		
CUST_33260_PI429010886	M6427	0.010117004	24	18	170585770	RNA recognition motif containin	Protein metabolism	Other	0.000000289	83.31337	96.9591	98.91443	74.90044	80.91667	70.51234	118.3504	100.386	94.33013	93.3634	96.9319	77.30188	102.4735	99.65569	58.79928	94.16687	145.4586	149.3939	112.7474	124.4149	157.5397	104.2797	82.60618	98.89641	127.8402	102.2347	130.2225		
CUST_26490_PI429010886	N54335	0.010117004	24	18						19.23397	13.11625	14.93713	17.85189	13.78897	12.93513	18.43253	11.87749	16.38359	22.16637	19.11956	18.25979	20.24751	9.771765	20.83109	22.06175	24.5729	16.58967	23.76471	18.69191	24.99752	18.13167	27.50147	20.59574	29.35503	20.02415	17.96765		
CUST_38687_PI429010886	M29121	0.010135959	12	9						64273.41	32295.88	81434.38	91877.59	36043.3	59131.8	50560.8	49895.87	71289.88	69931.06	110385	52165.44	76090.53	49113.82	63245.57	11738.35	18910.88	16452.07	67450.12	71289.88	66456.69	80988.9	121965.4	98191.21	56054.28	84653.3	87131.39		
CUST_45505_PI429010886	M69321	0.010143003	21	15			Protein metabolism	Regulation of translational initiation		34.32507	57.63804	46.67221	44.76312	55.91798	49.87102	47.55101	55.19052	59.97997	70.63954	89.53408	47.70295	56.16512	55.52583	47.62949	63.49903	66.93125	74.89382	43.08271	52.40229	47.02455	27.47971	52.15678	46.39912	51.66124	50.64865	46.65167		
CUST_3916_PI429010886	N15559	0.0101501	21	21						27.45666	31.91319	269.2064	244.0894	240.0694	140.6454	293.4022	247.1564	254.5783	258.7439	199.116	209.666	183.7151	187.286	246.1545	247.2393	249.2196	270.8529	282.551	218.4639	301.2626	286.6404	269.1036	298.8084	278.374	206.7386	332.6579		
CUST_6188_PI429010886	N19525	0.0101501	21	12						27.92534	39.79969	26.58505	24.91804	25.99138	38.04142	26.15317	53.74902	31.62493	49.61593	28.27902	59.88723	57.86143	68.61527	51.29814	38.04209	38.37232	47.70295	23.2264	26.10539	26.48655	51.06652	35.02788	73.44422	26.07245	74.38317		
CUST_7836_PI429010886	N22155	0.010155561	24	3	210062959	C-type lectin 6 [Fenneropenaeus			1.66E-35	2147.917	974.6663	1862.343	2624.319	3480.931	4164.365	7839.3467	3310.069	765.1767	1330.649	3267.789	2790.956	2234.498	1532.345	2211.381	148.8862	145.4834	66.46575	369.0567	4863.888	451.6859	2327.901	2294.993	1949.314	327.6721	4409.168	756.0941		
CUST_31291_PI429010886	M1153	0.010165621	24	21	548364570	PREDICTED: partner of Y14 and			1.79E-20	68.61527	110.4898	86.37483	76.17615	91.33505	55.1353	77.77436	99.71725	106.2889	74.25196	87.16322	46.06991	70.3428	76.2209	86.66046	82.29898	135.0731	97.97985	87.54238	109.6178	103.6054	89.74912	112.1849	117.7425	96.55775	108.1394	110.4624		
CUST_37761_PI429010886	M21443	0.010165621	24	15	321460819	hypothetical protein DAPPUDRA	Transport	Other	1.53E-28	82.42094	145.393	85.91672	87.71525	91.58124	78.5451	113.0301	142.1426	98.44478	98.5911	83.69522	82.7532	91.80105	103.3216	81.32217	121.1493	164.8928	146.2889	113.3707	123.675	115.6261	86.03269	112.2102	98.67888	70.97468	110.0862	99.82243		
CUST_1768_PI429010886	N10655	0.010165621	24	15						2114.8	2654.193	1783.882	1338.071	1476.878	1168.291	1528.323	1854.805	2092.723	1907.271	1769.667	2023.772	2079.426	1916.926	2222.683	2097.341	3360.114	3431.358	1856.844	2396.659	1710.003	2862.188	2734.019	2230.426	4247.1	2443.901	2704.306		
CUST_19431_PI429010886	N41570	0.010173784	21	12						12.53713	21.45593	12.58849	15.8055	430.2082	219.4299	28.25337	67.81145	36.84812	NA	216.4068	128.7298	NA	239.348	221.596	17.1309	28.44439	9.485255	10.17714	68.16905	8.735819	NA	12.04588	NA	NA	107.7215	NA		
CUST_4491_PI429010886	N16890	0.010178233	18	3	386376749	thromboxane A synthase [Penae	Metabolic process	Oxidation-reduction process	1.37E-08	26.67982	10.62276	22.29844	31.49032	20.61917	28.2608	31.27222	NA	17.84752	9.470236	9.497226	12.39819	25.8664	20.6563	19.80181	10.73769	10.75824	16.99603	13.81948	24.15387	23.55114	42.35304	32.59222	22.70303	30.54385	8.433282	28.95548		
CUST_42066_PI429010886	M59307	0.010179197	18	3						48.21366	27.5331	40.36067	51.24138	49.49937	48.59053	34.72664	18.11564	32.5431	43.36808	63.85692	38.95566	38.40048	34.24084	33.21716	36.23977	26.29331	24.6188	44.84231	28.6389	36.86782	94.43966	39.37754	58.61403	39.9635	43.77424	23.15721		
CUST_10831_PI429010886	N26857	0.01018098	18	3						123.6404	164.8928	162.844	137.9345	215.9822	158.224	94.42757	154.8931	168.6428	102.8763	90.48608	129.3882	80.28093	88.0075	117.7279	147.5505	182.7533	237.5901	95.79812	125.9339	142.3895	148.8152	219.923	214.7361	83.9013	145.9321	135.0024		
CUST_21565_PI429010886	N45443	0.01018098	21	6						44.37502	45.49544	54.78529	45.47301	70.85676	24.77298	34.92175	58.46402	47.36163	48.88764	60.0628	51.07791	27.27615	21.33315	18.87393	22.58496	38.00456	21.17745	30.84927	40.32229	43.70175	23.37452	23.04198	34.61745	32.89506	58.72446	64.88027		
CUST_25213_PI429010886	N51985	0.010196246	12	6						8.689291	13.15346	NA	8.559475	20.22133	9.617132	36.99679	24.21718	36.16345	NA	8.101583	6.438537	8.766471	23.53743	7.307485	32.58484	25.64234	35.20206	72.77442	52.88884	22.08755	42.51804	17.20767	26.37129	6.694797	9.675629	24.15387		
CUST_36699_PI429010886	M16577	0.010197153	24	18						11.96493	NA	24.99187	37.33345	61.52728	NA	20.48628	16.87953	49.56614	15.7786	23.88544	8.447449	63.48698	45.49999	18.2969	NA	NA	4.35423	94.62002	68.95833	101.8893	43.07453	69.37968	45.69737	54.93619	36.19278	96.71212		
CUST_3021_PI429010886	N13617	0.010204839	12	6						602.4086	811.6064	446.3323	633.9987	559.2886	688.887	915.406	1097.014	921.0975	667.0187	642.1289	578.3316	440.4343	578.1548	480.9139	1044.09	1021.91	781.034	759.5695	805.2136	799.983	413.9053	762.8618	426.9219	553.413	733.7832	537.4657		
CUST_39984_PI429010886	M47883	0.01022858	24	0						5792.477	4224.791	4398.359	3321.698	2275.002	1956.496	2187.303	1856.844	2020.363	5939.375	3007.18	1938.127	3739.191	1786.238	2811.043	2710.483	2842.045	1212.445	2687.973	2659.616	2191.923	5921.175	6559.55	4981.65	10569.33	6210.057	6500.649		
CUST_28808_PI429010886	N58659	0.01022858	24	0						39.26427	22.03729	42.96134	31.73175	13.58051	27.76408	24.73755	24.37455	21.39782	36.1964	21.20837	23.22144	17.76942	16.66	32.47195	23.64554	21.81393	22.07673	14.69094	20.88172	27.23128	27.70466	28.99304	24.72495	42.40053

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_52900_PI429010886	M99366	0.010513579	24	18						NA	NA	NA	28.61053	NA	23.47009	387.1258	NA	317.7216	46.40366	27.07259	5.638853	14.96631	59.98742	6.634618	64.8708	NA	66.02134	332.484	726.5143	1501.763	94.01958	NA	74.44615	178.619	28.53195	153.5452
CUST_17449_PI429010886	N37979	0.010514235	24	0	307188510	hypothetical protein EAG_11407			5.62E-10	16.81913	15.05439	12.62841	4.543125	9.779895	8.563015	NA	7.779225	8.196534	3.333763	NA	NA	NA	5.768746	14.03865	6.968697	NA	7.078115	NA	6.609031	3.939668	13.28567	3.366443	7.002504	12.24304	13.65032	11.53833
CUST_52887_PI429010886	M97199	0.010520869	24	12						192.7408	29.43235	232.7864	277.9454	286.3491	243.3699	30.96219	49.3138	73.85285	237.7581	460.3468	339.3438	276.2644	262.04	349.7302	35.20827	22.92149	15.95963	182.4721	138.0005	130.828	426.9219	448.4659	463.3449	139.2832	297.8139	334.719
CUST_14059_PI429010886	N32265	0.010521397	24	18	371929005	ecdysteroid regulated-like prote			4.7E-30	5.571313	20.80218	24.91228	9.570901	10.12016	23.86873	100.8009	NA	35.97811	26.63281	13.11503	NA	NA	5.389175	NA	36.05135	NA	30.45492	225.4359	317.6549	759.9978	34.42224	NA	37.38248	66.87909	23.32264	64.76383
CUST_37777_PI429010886	M21530	0.010536395	24	15	383859002	PREDICTED: Megachile rotundat	Protein metabolism	Ribosome biogenesis	1.82E-58	22221.29	31206.9	20822.29	24136.69	19150.48	20822.29	32454.44	31659.39	29647.7	28743.72	19434.65	9194.226	29219.06	24659.23	25188.43	33838.77	35305.99	34620.42	26056	28743.72	29949.84	22037.75	26056	23739.57	27153.68	27273.84	24659.23
CUST_53846_PI429010886	M103404	0.010537926	21	0						14.53307	19.4056	20.60634	22.38961	14.03213	16.84945	9.838142	10.27106	20.56044	10.59607	14.41795	13.64057	3.559221	17.42676	10.00971	4.910986	18.06134	16.86908	13.37051	22.0263	6.466135	21.40258	33.89397	23.96992	14.52879	8.677561	10.52474
CUST_55642_PI429010886	M111084	0.010538463	18	15	197940771	Euphausia superba mitochondria	Metabolic process	Oxidation-reduction process	1.08E-125	112.2698	217.5068	150.4102	130.9714	91.17437	123.2141	181.4867	163.1238	201.86	127.3678	136.5457	154.6661	159.5977	108.8896	139.755	222.4375	261.5479	167.3313	169.9145	141.3689	185.7539	118.0906	135.7682	111.8276	193.5276	125.5586	133.8226
CUST_38293_PI429010886	M25096	0.010538463	18	3						2545.232	545.0797	1981.815	2789.551	2853.1	2593.566	407.7964	516.3556	420.5189	2759.556	2365.258	2725.344	2067.912	1388.047	2755.522	390.6122	337.1412	460.1149	563.6439	771.2654	602.7354	3808.458	2306.791	3633.442	254.1458	972.8403	1130.969
CUST_42971_PI429010886	M61757	0.010538463	18	3	321454186	hypothetical protein DAPPUDRA	Metabolic process	Cellular amino acid metabolic process	2.72E-31	30.42641	25.79817	54.67791	57.27829	52.52723	32.48749	28.96499	27.85388	44.49549	26.87469	40.55055	39.38869	54.17106	33.35088	39.50981	14.05102	7.808788	9.331963	45.49065	29.58629	43.4735	64.74689	46.2714	43.59179	25.34819	36.94243	68.06179
CUST_1680_PI429010886	N10420	0.010538463	18	15	195425743	GK10316 [Drosophila willistoni]			9.74E-16	33.85933	79.13617	71.9236	35.45592	27.99927	23.77756	37.03848	48.8281	50.58863	43.88384	40.44814	47.84693	29.38152	34.40862	39.25729	58.02727	59.15801	65.2491	52.25815	46.71775	43.21465	41.59303	24.77298	31.77803	32.64017	51.36995	37.77609
CUST_14028_PI429010886	N32205	0.010538463	18	15	242012463	lachesin precursor, putative [Pe			2.49E-11	61.30321	123.3372	73.03741	47.16128	11.43891	55.28754	165.2368	89.53408	102.3111	144.849	58.4567	87.45577	76.22837	78.36365	63.76387	268.6876	211.4988	205.5946	122.0546	42.31229	65.59808	90.03155	22.89571	61.91527	167.2859	85.58451	50.26983
CUST_997_PI429010886	N8157	0.010538463	18	15	6760654	neuroglian [Drosophila melanog	Reproduction	Reproduction	7.23E-56	1370.424	6219.297	2498.654	1421.92	451.2333	1142.458	6506.137	2871.837	2915.434	4548.63	1380.017	1801.332	2377.165	1656.675	1595.825	7832.882	10142.18	9153.451	3675.29	1915.575	3717.963	2194.43	1227.139	2086.93	5427.368	2584.904	2194.43
CUST_44951_PI429010886	M67511	0.010544676	15	9						41.51987	31.2936	48.81332	36.85694	31.77537	40.50202	43.25692	36.76966	54.69951	54.62254	216.0628	46.05207	33.27509	45.16295	46.9383	47.90611	25.96348	52.73695	44.85324	31.59758	44.635	46.34771	25.33166	51.47126	61.37944	48.74364	67.63991
CUST_32962_PI429010886	M5575	0.01055054	24	18	62858575	proteasome 26S non-ATPase su	Metabolic process	Lipid metabolic process	7.33E-48	150.4929	274.8753	211.4988	181.1454	227.1085	171.5325	165.7838	239.6808	200.4116	227.2167	203.5459	189.3285	217.5068	357.1234	203.2877	240.1565	244.9453	290.9943	229.0726	246.0227	286.5115	263.7057	261.3125	346.2958	189.0201	198.4987	305.049
CUST_30687_PI429010886	N62401	0.01055054	21	0						98.66873	95.74045	107.52	102.9729	63.36224	95.35371	73.87601	68.83252	72.42124	84.84924	80.47316	106.8649	85.80718	88.31999	74.55481	130.1961	82.7532	92.50275	154.5211	70.74232	96.20921	142.9154	83.18277	112.7612	138.9837	75.73146	90.50145
CUST_53036_PI429010886	M99825	0.010552581	18	0						52.97194	132.9353	185.5286	54.73663	46.63196	NA	NA	NA	NA	19.68364	39.26427	15.38213	21.92026	13.30917	NA	NA	27.88249	5.714052	6.445408	43.76612	46.9424	42.4997	32.02822	31.18062	16.89933	NA	27.11011
CUST_25030_PI429010886	N51663	0.010554507	12	0						42.40452	27.18917	37.2113	24.11615	20.56246	27.40728	13.53241	23.17996	11.08511	23.16703	29.28594	24.85808	24.44847	12.17199	34.3611	24.80622	15.07942	21.47745	16.26856	36.71405	18.43758	46.06605	27.94531	31.78394	48.69222	32.46898	39.94084
CUST_18034_PI429010886	N39028	0.010555357	21	12						8.15128	18.70945	17.89974	14.99561	9.066919	10.41528	14.1279	14.25457	12.36665	21.56373	10.21488	17.08255	24.97826	19.07869	20.68785	8.109042	17.82804	16.35547	11.37088	16.37588	23.7984	NA	9.675629	16.44507	10.83803	6.768812	9.743639
CUST_35741_PI429010886	M133173	0.010556606	24	15						50.80319	65.15059	58.42497	63.20231	43.89532	43.74346	62.338	62.96095	63.84719	78.92328	52.47137	60.81905	74.52512	54.57944	75.87682	77.53014	79.41371	92.59408	65.40116	46.16801	73.70166	90.60669	47.62949	72.5147	74.71995	55.57314	72.42128
CUST_31599_PI429010886	M1939	0.010556606	24	3						551.71	440.5339	454.055	653.5411	830.4195	933.0577	473.2258	533.9662	417.2642	459.9674	642.5938	690.9865	312.2172	457.3588	404.2408	418.0505	407.7964	338.1914	370.3281	613.3687	344.8027	468.7122	521.206	425.9544	225.3861	653.1145	274.2662
CUST_38605_PI429010886	M28484	0.010556606	24	15						305.0003	481.0599	433.097	261.8722	275.2462	211.803	410.9137	450.7184	549.679	331.5173	312.1666	305.3135	346.8165	328.4033	288.6545	398.2132	523.4696	505.9666	367.9854	394.269	472.7524	350.7074	372.2898	358.7305	345.0411	327.3954	436.9283
CUST_39180_PI429010886	M35723	0.010556606	24	15	9367086	Euphausia superba large subunit				1500.263	2722.979	1614.735	999.3353	1175.329	2333.596	1632.022	2608.106	2654.193	2793.635	1490.226	3232.565	3819.978	3073.818	1629.282	5184.879	3224.848	2469.347	3217.866	2227.296	1984.393	3924.629	1779.656	2663.717	2940.045	1738.077	2136.93
CUST_39525_PI429010886	M40815	0.010556606	24	9						36.41874	86.99822	74.3865	37.97588	46.80566	45.08105	71.42098	64.44827	76.21108	98.53709	48.19549	82.71729	37.06569	99.09115	23.80329	51.25301	73.19641	78.33954	58.19693	24.92085	61.4814	32.83487	33.73873	21.76828	62.87718	45.38207	36.21685
CUST_9842_PI429010886	N25285	0.010556606	24	3						234.4388	227.5418	90.91573	333.6191	379.7764	299.5341	157.3672	221.3576	222.9863	225.5195	280.1334	458.8651	226.7781	256.573	199.6163	96.18658	63.61864	62.51652	84.52278	229.5267	119.6589	124.2469	371.7268	324.1912	105.3222	200.3043	136.424
CUST_17340_PI429010886	N37798	0.010556606	24	15	391328842	PREDICTED: transient receptor p	Transport	Ion transport	3.63E-09	4589.607	7950.355	6018.305	4531.71	3744.093	3747.441	3907.106	5322.868	5678.164	5304.997	4663.073	4436.509	5630.843	4895.993	4646.072	8189.692	8269.17	8016.887	7337.918	5489.861	5601.899	7872.926	4641.846	6116.36	9727.143	5879.268	7886.969
CUST_29026_PI429010886	N59059	0.010556606	24	15						47.27657	51.82749	39.6536	34.88898	26.45217	25.07913	36.57306	52.09068	34.08743	33.4748	47.19052	37.82047	43.45515	39.2334	36.27201	43.35233	59.57785	63.74337	32.77297	52.53638	37.92348	43.24154	54.2724	54.74825	41.25469	47.4031	42.60881
CUST_9438_PI429010886	N24620	0.010569772	21	3						6.584517	10.23432	20.26699	7.338359	10.39886	12.44585	13.44284	9.591858	16.63236	3.00467	6.96245	5.366961	8.076758	8.561749	8.757129	5.327092	7.210206	10.20538	5.103645	9.169725	6.614583	12.41522	9.961233	15.28613	13.26377	14.6059	10.9364
CUST_12036_PI429010886	N28816	0.010573483	24	15	37595925	signal transducer and activator c	Signal transduction	Other	1.14E-85	23.8982	25.75007	70.57647	18.67325	15.02117	19.23624	11.16104	22.80532	25.03218	18.00112	26.24091	26.59797	22.71122	39.26035	23.69946	32.73039	36.95845	34.72664	25.77932	24.1706	46.78449	40.02352	22.70303	32.45355	27.75069	24.8137	35.05094
CUST_26797_PI429010886	N54898	0.010591565	18	0	242006863	fgf receptor activating protein, p			2.53E-26	NA	1.47433	8.871249	NA	9.799617	9.551996	NA	4.945161	8.613517	3.657413	4.438558	2.93509	21.54205	6.404646	5.593157	5.987089	10.15066	NA	15.26143	14.41491	5.71978	NA	5.015515	3.755392	4.598867	7.643306	13.96735
CUST_24853_PI429010886	N51365	0.010593722	24	0						24.19535	43.46338	35.59906	15.5945	42.47062	22.04646	12.81892	26.29555	30.07738	18.08416	31.03188	18.83943	7.365868	8.66264	9.622741	18.61345	35.15002	18.28134	37.3305	18.1699	27.87026	12.87838	49.15533	45.67405	7.866638	74.12935	57.56013
CUST_6350_PI429010886	N19986	0.010596569	21	12	321467972	hypothetical protein DAPPUDRA	Metabolic process	Lipid metabolic process	1.06E-48	17.20923	25.01557	15.79609	17.72529	30.81577	30.75945	17.76942	52.39131	46.02907	18.06696	22.88864	9.979978	49.99479	38.89512	51.00442	21.39254	41.13599	26.21426	35.99333	32.1853	38.51685	16.71139	23.92281	10.86017	31.9639	28.97384	32.34328
CUST_5382_PI429010886	N18621	0.010609259	21	15	91076488	PREDICTED: similar to Bm44 [Tri	Response to stress	Other	1.07E-93	66.56707	93.65434	88.5599	44.84231	73.26051	63.62492	74.89382	86.26011	72.4917	60.39038	63.15515	62.66376	77.99973	75.19367	58.13362	88.36719	125.3559	109.5487	111.3048	77.56319	83.99404	58.71184	88.45765	71.02716	78.87059	73.52981	69.51507
CUST_8389_PI429010886	N22972	0.010609259	15	0	91093000	PREDICTED: similar to g1/s-speci	Cellular Process	Cell cycle	3.54E-111	113.1524	169.9462	138.4144	147.1038	129.4391	115.6114	126.8065	110.7898	147.7951	100.2009	126.1702	100.4643	125.9747	169.9145	137.9056	160.2766	224.5463	194.2665	101.4958	193.3912	188.3607	83.17096	174.1094	116.1062	113.4282	105.285	132.3442
CUST_3374_PI429010886	N14386	0.010611505	15	9	241998746	conserved hypothetical protein [			1.58E-12	7.913226	10.73336	9.03778	17.04802	14.31736	5.503681	17.93113	9.926343	12.91477	18.47851	NA	12.93513	12.49181	13.06086	10.42867	6.676397	10.4451	9.160132	17.91767	10.61538	13.66341	14.91234	9.725094	15.54337	19.91817	11.53429	16.42634
CUST_1624O_PI429010886	N35900	0.010612313	15	3						47.34524	59.22021	42.75886	64.94997	54.55547	50.25586	35.90614	37.00354	39.79066	14.15358	37.79767	33.31402	43.21882	30.88358	31.93086	41.86838	31.11011	47.26148	41.85145	59.77068	48.93341	35.46315	51.90779	32.8143	23.39255	42.6001	60.20445
CUST_39254_PI429010886	M36746	0.010612961	24	12						492.5086	272.1212	423.1033	845.2107	560.0873	514.0806	1042.748	324.4873	772.308	413.6069	1210.563	286.8701	1380.017	1616.307	417.734	209.3429	668.1893	522.6491	101.8646	188.5169	126.2717	190.9062	206.7075	295.7411	75.63986	88.28748	111.8736
CUST_39042_PI429010886	M33880	0.010620893	24	15	233957366	ribosomal protein L3 [Penaeus m	Protein metabolism	Ribosome biogenesis	4.05E-54	75.34564	93.41761	94.11531	86.46711	106.0103	101.8747	93.01673	113.7405	125.2461	108.7311	106.8903	96.81529	100.8115	126.0081	103.3596	125.8592	116.0897	118.8089	110.6819	89.7242	105.4159	111.5466	91.95645	110.2867	102.2094	72.36145	108.8657
CUST_50714_PI429010886	M90760	0.010620893	24	0						434.1663	610.9907	536.9014	379.037	389.8933	329.0788	236.386	409.6221	385.6874	445.4238	476.6448	116.2567	461.6561	375.1194	451.0149	464.7851	556.8156	477.9381	384.8278	460.2218	353.3256	605.287	498.3024	490.7221	637.6487	541.6936	654.3402
CUST_36719_PI429010886	M16650	0.010621987	24	12						47.68605	35.4467	39.61981	47.9302	66.39483	45.53057	39.17612	54.68833	43.2535	33.35088	56.22801	53.02213	54.98064	73.85285	50.56675	51.68111	58.84948	58.02072	41.20512	47.89413	45.41169	56.24698	50.03686	48.40188	37.34026	49.33322	37.72504
CUST_49438_PI429010886	M85643	0.010639498	21	3						7.469869	8.30152	NA	25.123	28.64244	18.22327	NA	6.698312	4.703837	2.982746	NA	11.43195	3.434408	3.452283	12.56491	4.748557	10.04736	4.628432	NA	4.658677	8.81143	NA	5.615391	7.436551	23.78446	NA	8.869172
CUST_32674_PI429010886	M4771	0.01064079	24	9						8.131518	23.5934	21.28132	32.52808	102.9161	79.07026	23.87227	28.54278	14.67062	25.83559	79.23954	38.10178	18.7418	61.55774	39.29429	10.7267	31.70729	12.90825	20.40806	14.72189	4.142754	14.3798	26.36566	11.77966	18.17164	23.41549	NA
CUST_38993_PI429010886	M33137	0.010649172	12	9						24289.54	1182.698	25247.34	28858.93	20708.31	24909.79	3584.754	6326.89	8256.789	28561.19	33963.44	35157.95	37632.98	14743.32	36406.05	299.9228	172.6192	559.4339	12991.27	9980.233	14470.28	49649.01	33508.11	47553.77	15170.38	23324.95	38384.01
CUST_24186_PI429010886	N50193	0.010655911	21	6						8.071281	9.569825	12.66963	21.18195	13.14676	10.83046	30.6656	22.17359	19.06607	20.87837	8.723632	14.16065	21.76828	14.11364	13.33001	36.94988	16.95396	4.953959	10.78353	9.728753	10.42995	8.214848	19.18145	5.27516	11.86035	15.65515	16.13355
CUST_43023_PI429010886	M61883	0.010658218	18	3						13906.34	850.8759	12068.94	22332.92	13837.12	22526.09	365.9284	832.894	669.7814	15731.96	13591.98	17088.5	12963.97	10260.07	19522.5	33.55586	247.0114	313.8573	1473.47	1573.941	1946.675	24507.87	8911.047	24136.69	1470.023	4461.089	6665.157
CUST_49269_PI429010886	M84968	0.010658218	18	15	343183155	myosin heavy chain type b [Mar	Protein metabolism	Protein folding	4.93E-24	556.4241	1563.253	982.8111	620.7278	571.5137	630.5448	1007.214	1139.817	940.3723	850.2576	799.0901	717.9895	655.4746	889.8299	641.1736	1358.461	2170.443	1777.355	949.2292	968.3563	1044.09	579.065	759.7943	685.2688	1073.164	906.4938	780.4581
CUST_1374_PI429010886	N9438	0.010658218	18	15						254.533	411.6604	362.1172	218.3991	269.8306	298.1868	313.739	431.8791	340.4211	322.2486	404.0425	320.6536	261.7871	385.3052	318.8359	336.4491	509.5667	436.9283	299.4747	397.867	314.1063	313.8573	257.7877	261.9111	273.5066	412.8294	364.2801
CUST_50776_PI429010886	M90965	0.010663339	21	15						126.0542	214.5942	64.2086	120.4478	13.72472	101.7154	296.2664	209.0675	163.8916	197.3639	72.36145	76.24747	161.0498	175.4084	162.9694	346.3619	252.4627	263.9734	134.7975	82.60618	111.355	80.11297	123.0785	81.96955	113.0827	117.4669	40.80836
CUST_5761_PI429010886	N19162	0.010685803	24	15	260800271	hypothetical protein BRAFLDRA			4.48E-30	85.04871	137.2208	133.3669	83.49206	67.47234	62.33316	115.2014	135.8408	141.2631	98.96283	73.1869	99.32904	111.8116	97.41787	90.09793	114.0755	159.497	146.4045	108.3981	145.1105	156.5799	109.0351	115.3273	118.2313	100.9815	95.29319	121.3126
CUST_23710_PI429010886	N49332	0.010685803	24	6						13.77957	15.78015	13.27566	17.79195	28.46788	19.41654	24.39028	22.35906	26.36041	8.654198	38.4508	11.91707	12.59794	10.95623	21.09601	11.30587	13.75076	8.526821	23.02109	5.053978	16.16791	10.08281	11.77966	10.82728	11.31707	36.44966	12.05742
CUST_1066_PI429010886	N8388	0.010685803	24	9	321455267	hypothetical protein DAPPUDRA			1.76E-45	47.09644	12.80236	13.67551	46.87435	321.4975	159.5246	22.49527	27.22159	6.86903	28.97134	166.7408	223.0844	16.21373	105.3437	111.4946	23.73807	10.66765	9.470236	6.100675	20.07958	4.063236	10.02353	23.47009	14.10658	3.735584	46.02219	10.25993
CUST_1974_PI429010886	N11076	0.010686935	24	15	238477343	ribosomal protein S11 [Rimicaris	Protein metabolism	Ribosome biogenesis	9.1E-64	17524.46	25247.34	20227.93	18631.15	14502.16	17167.45	23503.18	23892.85	22598.48	19485.9	13481.03	12939.25	17771.79	17453.24	17837.79	30721.41	29794.84	25130.01	26673.38	18715.71	18334.13	19750.24	22469.11	23575.84	21590.74	22469.11	23575.84
CUST_2178_PI429010886	N11801	0.010686935	24	21						10.89963	15.50843	17.38353	16.13112	14.27475	17.14825	21.9826	18.65957	26.73694	16.72545	18.44379	12.26303	17.43476	18.62338	18.70643	30.6774	18.94794	19.08041	30.8222	25.35423	19.05329	31.64075	19.50478	33.36729	29.49731	15.18373	32.83178
CUST_5375_PI429010886	N18611	0.010686935	24	15	321457584	hypothetical protein DAPPUDRA				135.5937	250.7612	200.1232	136.5457	168.8682	181.5802	191.7677	213.9341	183.0682	171.8869	167.5904	168.2637	200.7173	209.9538	183.6827	217.7355	254.8129	233.9614	240.0325	187.0768	209.3816	165.6234	217.3996	196.9638	203.057	185.3999	217.5404
CUST_12444_PI429010886	N29470	0.010686935	24	15	91087591	PREDICTED: similar to GA18111-1	Protein metabolism	Ribosome biogenesis	9.5E-28	207.3653	419.3654	291.6767	226.8253	197.4226	204.0717	231.2512	313.8573	247.1999	267.4193	221.3068	228.5093	233.9614	235.9714	260.3883	328.4033	371.8649	412.9894	230.1554	290.3235	375.7494	243.726	248.4962	323.1624	256.6606	274.1568	339.077
CUST_26549_PI429010886	N54435	0.010686935	24	21						283.9592	500.1661	473.9767	280.879	375.1194	323.8056	383.8668	485.2701	496.4508	403.7519	311.7988	287.0134	419.8124	299.1753	386.8087	501.9234	527.7959	459.7509	457.0998	479.4997	470.0131	537.4657	537.1828	470.0131	493.5638	448.9533	536.489
CUST_35790_PI429010886	M13516	0.010687493	24	18						23.71643	25.61949	21.96464	21.48061	14.49179	14.88235	27.05785	11.36156	14.18163	20.62453	18.38558	13.27566	16.93597	17.1166	22.78318	24.04006	23.67078	25.30391	24.62932	24.71696	30.47714	22.1804	19.77651	20.16722	26.81298	15.10648	33.53984
CUST_39374_PI429010886	M38510	0.010689872	21	18	148841019	hemocyanin subunit L [Marsupe			2.16E-50	6.694797	30.28156	24.62932	5.128731	14.17028	9.073899	6.11387	10.52564	16.4155	NA	9.480246	9.991081	14.86987	7.092464	20.1058	13.19395	8.888649	14.11031	24.50935	33.6843	24.28126	13.93501	13.88764	18.56513	12.3901	13.76817	9.569825
CUST_3409_PI429010886	N14449	0.010698784	21	15						75.74761	631.0985	65.54266	1127.686	236.0521	909.1828	2333.596	1492.942	109.762	1235.811	800.8587	267.884	1402.437	645.7283	1038.339	3212.539	2224.156	2851.067	791.5844	110.6304	638.4715	299.3538	291.8297	351.7434	1746.391	1291.739	16.97648
CUST_11771_PI429010886	N28373	0.010702498	24	21						5.117121	11.71874	11.35065	12.55197	9.459821	6.933908	8.958066	NA	9.63644	10.81984	8.160789	7.669956	6.863677	5.102347	8.426205	12.17213	NA	16.88956	19.06607	6.226721	9.01805	17.20923	13.54205	14.85278	12.58686	6.138191	10.20093
CUST_6904_PI429010886	N20758	0.010704307	24	21						775.0084	949.2292	707.3888	789.3467	628.6837	649.7567	746.1539	687.2962	785.0219	844.4833	768.2904	912.8746	885.5204	630.0078	827.8854	887.2093	952.6113	984.5856	803.738	861.7915	936.5204	927.0038	901.5762	1083.848	902.1594	789.0657	1114.294
CUST_53260_PI429010886	M101024	0.010705201	24	21						34.20262	46.13913	48.78475	52.22742	55.90731	50.59749	24.56009	47.58659	42.48778	59.25391	46.16308	46.06605	55.25246	36.83655	53.78431	49.99479	58.94726	52.99968	50.05302	53.50459	63.253	72.24298	66.3578	58.10634	61.25239	42.87617	76.51861
CUST_27042_PI429010886	N55342	0.010736346	15	0	260814085	hypothetical protein BRAFLDRA			3.53E-12	89.64766	73.97753	NA	58.0985	47.92699	89.57931	70.54441	46.67638	55.51551	10.1544	8.102905	10.43238	18.35487	58.3569	15.63496	72.4004	73.08027	21.10164	40.21667	32.38272	19.38387	13.92807	78.7116	4.155742	14.72662	69.54417	7.747958
CUST_52784_PI429010886	M98907	0.010744147	21	12						12.21076	8.001639	7.605705	NA	3.570062	NA	29.38152	37.6281	20.05879	14.46804	17.4695	8.407667	30.41985	22.37825	19.62318	14.0733	29.10478	47.7665	21.04763	16.50059	8.293234	NA	6.926192	NA	14.5601	14.62671	19.36238
CUST_20161_PI429010886	N42921	0.010750715	15	0						13.28376	18.11564	19.43327	16.50059	11.06478	13.2072	10.79318	18.85113	16.42131	4.072095	12.41644	8.087041	7.40723	10.04615	17.09586	20.25781	24.85202	16.1105	11.46624	14.43423	21.8966	11.94663	15.52429	14.27475	12.59667	12.19342	13.29617
CUST_32462_PI429010886	M4184	0.010751282	21	15	321473526	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	1.57E-21	68.68072	167.1998	36.34385	299.5787	40.10315	282.7416	290.8608	201.983	37.87771	243.331	167.1713	39.77499	374.0444	68.5694	256.1905	484.3203	257.8376	320.2208	112.8135	35.78012	100.8867	39.64997	34.93184	28.80453	232.9121	170.2213	32.58198
CUST_24212_PI429010886	N50235	0.010758827	24	15						37.59336	54.

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_3493_PI429010886	N14615	0.01100456	24	18	170039990	conserved hypothetical protein			1.33E-14	92.2966	91.7043	94.3167	96.62834	109.3108	87.33991	66.74201	137.7644	96.14621	46.16801	73.80869	40.84998	73.4071	98.81307	66.28735	74.28947	79.23144	118.0906	153.7917	150.6011	93.8595	111.6045	70.0011	125.7244	118.8772	102.1199
CUST_6151_PI429010886	N19694	0.01100456	24	15	499003452	PREDICTED: splicing factor 3B su			5.99E-134	80.09123	73.97121	71.91459	65.81456	45.00629	71.62515	56.00071	55.50618	64.80829	86.15946	53.72874	81.45042	88.13366	83.53855	76.65834	97.63248	80.43757	84.62659	89.13599	73.9144	72.0781	109.425	69.112	90.45329	129.6027	70.69946	87.96067
CUST_5271_PI429010886	N19852	0.01100616	24	21		Signal transduction	Other			36.74804	39.23752	43.69757	NA			24.63804	8.355785	10.85858	11.73655	10.06884	27.71884	35.71776	21.16637	25.72369	52.51326	9.870583	16.75496	24.54963	25.45723	21.48216	20.51167	6.285156	43.7275	43.79306	49.49501	47.79385	41.2262	29.15694
CUST_2318_PI429010886	N46804	0.01101896	24	12						28.58081	21.84879	18.80555	16.36594	26.31588	28.81419	39.55139	19.18145	24.06897	28.74405	19.96229	21.89919	55.91798	31.84584	52.75072	41.79513	42.24367	33.43626	36.03288	29.56665	27.97979	45.13797	85.24573	34.22791	25.54534	28.14237	30.62439
CUST_46231_PI429010886	M71876	0.01102089	21	0						NA		7.231758	9.473667	8.096327	4.681705	6.636812	8.04727	5.121843	3.660981	4.026677	3.212059	NA		4.090966	NA		6.795326	7.139105	9.491244	NA		4.978112	4.7993	8.758815	NA		7.916441	7.766169	3.716442	6.180949
CUST_32281_PI429010886	M3693	0.01102521	12	3	241745122	WD-repeat protein, putative [Ixo	Metabolic process	Other	3.17E-66	11.25075	20.64485	12.01431	14.88678	21.91645	9.519076	14.39849	12.71343	13.49586	12.11716	13.38505	14.03518	5.074363	4.495694	NA		18.00685	13.43266	23.48894	11.41917	19.44173	16.5317	11.99361	11.80456	11.22739	9.767511	10.99723	11.52497
CUST_37163_PI429010886	M18058	0.01102524	21	3						137.7481	78.48038	138.4394	175.1243	162.3101	152.8947	147.7749	111.6675	108.4697	175.9736	73.43473	157.2569	101.0154	141.3011	142.0823	121.3291	55.02895	112.0077	140.5088	129.1403	36.46491	157.5876	138.0734	140.7362	148.3156	154.4681	128.8601
CUST_32776_PI429010886	M5089	0.01103482	12	3						1089.998	2045.264	1181.431	1789.218	1573.048	1676.984	2251.39	4598.208	1793.169	1706.299	723.9274	327.8085	1129.795	1377.009	482.3026	2320.751	6744.57	5955.414	2312.635	5671.62	4372.597	1079.588	1202.808	684.1238	3073.818	1125.025	1289.52
CUST_40386_PI429010886	M54959	0.01103482	12	9						21459.8	220.6649	16348.66	23961.37	22847.77	22401.51	1656.675	2685.938	4153.924	20320.15	36406.05	32540.66	30721.41	14137.09	26191.89	336.6729	85.61207	389.3624	6688.584	6448.141	7260.089	32454.44	3120.6.9	36724.45	10795.65	17210.94	25611.3
CUST_44584_PI429010886	M66385	0.01103808	24	15	260814680	hypothetical protein BRAFLDRAF			4.99E-11	5.06766	11.11975	NA		9.929168	NA		7.881914	10.21029	5.129351	7.810134	9.211369	8.371114	8.694186	10.86736	11.57897	3.938144	11.89711	13.94762	13.21441	NA		5.68169	9.090753	5.228125	5.061979	8.850254	4.381432	7.433712	NA
CUST_32684_PI429010886	M4807	0.01104264	15	3	321477586	carbonyl reductase [Daphnia pul	Metabolic process	Oxidation-reduction process	3.58E-85	113.23	191.1071	164.9813	172.4491	196.8082	193.8796	169.4171	232.2882	154.8085	156.2107	159.2971	146.3771	104.1889	158.9424	115.7411	189.9808	206.781	193.8796	190.1878	202.183	171.436	156.5799	190.7683	154.7361	156.8946	176.5842	164.9432
CUST_47690_PI429010886	M77183	0.01104473	24	15						66.17125	136.2348	90.92644	82.00982	51.69582	78.65231	164.3213	131.7896	104.3181	172.5296	73.36846	118.5815	104.9085	84.61891	81.55186	250.7116	191.9733	223.1865	112.6108	80.16082	150.113	94.48817	64.50416	114.2468	163.2608	104.6237	89.74912
CUST_7998_PI429010886	N22397	0.01104473	15	6						40.28522	45.2017	58.66639	57.9032	108.4356	74.98208	55.93014	83.07439	69.66595	27.59053	77.29301	51.44117	65.64875	61.15687	64.83629	42.92652	44.83298	36.43276	53.96355	72.63288	46.29703	61.64797	82.51294	63.46562	47.99288	77.16447	60.60875
CUST_34940_PI429010886	M11130	0.01105076	24	15		Protein metabolism	Proteolysis			412.4307	206.1048	208.1428	107.567	NA		97.72445	223.6663	668.9797	411.3393	346.1837	182.9809	97.82425	180.8767	236.8356	40.22947	125.9977	603.3505	952.6113	554.3874	731.5275	958.9028	310.1796	29.17375	249.4703	464.9207	149.4602	220.9505
CUST_20802_PI429010886	N44078	0.01105929	24	18						56.20706	26.28128	35.47671	18.7507	NA		11.9085	75.51715	52.63501	60.03374	62.196	9.511013	25.20136	35.45915	38.15601	18.0705	100.8867	70.01129	76.41348	77.72005	67.22535	102.5417	40.13911	NA		29.90427	75.12194	32.48271	41.10401
CUST_3230_PI429010886	N14067	0.01106756	18	3						2608.106	360.0833	1796.427	2139.451	1470.023	1139.817	507.6273	892.0968	896.6099	1640.994	1106.912	1021.074	2031.77	1173.346	940.3723	170.625	225.9507	191.7974	266.5309	1011.215	439.2301	2470.84	1875.312	1702.984	582.1367	1042.247	1271.126
CUST_57316_PI429010886	E5308	0.01107792	24	3						3952.736	242.6247	4363.515	4819.372	4456.862	5507.513	250.8664	956.8208	413.5169	1509.889	5451.324	3871.525	1644.807	4900.819	4733.525	113.6471	325.0373	209.5934	202.8396	847.0248	327.3332	3052.051	798.8065	2092.723	335.3952	1376.514	458.147
CUST_38022_PI429010886	M22828	0.01107792	24	3						26403.54	20.452	23231.4	35445.2	6348.681	22332.92	41.70713	186.4449	94.82698	5329.024	106999.09	7100.104	5099.888	13154.56	11552.67	5.961032	10.45264	37.90412	88.52477	166.242	91.52744	6210.057	2556.357	4761.143	276.55	562.1389	802.754
CUST_34005_PI429010886	M8485	0.01107792	24	15						643.8038	1426.897	878.8074	685.653	222.9112	444.7023	1351.154	1391.531	1060.229	692.8899	393.4548	270.0743	1293.42	820.9036	888.236	155.7736	226.8423	263.7281	105.6406	687.6817	1199.116	528.1103	2722.979	528.1103	519.1671	450.4596	1183.356
CUST_49410_PI429010886	M85542	0.01107792	24	3						1580.709	10.37552	1378.754	1835.563	2198.578	1907.271	48.81332	143.7017	183.1939	1412.941	2568.829	2173.027	1401.131	1091.584	2054.56	9.459821	18.0729	15.54537	115.5416	257.241	261.8722	1253.031	1440.472	1875.312	244.9453	913.2906	1287.523
CUST_5442_PI429010886	N18709	0.01107792	24	15	321469939	hypothetical protein DAPPUDRA	Transport	Protein transport	5.42E-31	143.8832	170.3073	187.0121	160.713	126.0081	118.2092	188.695	184.9052	168.5856	161.0498	143.5809	168.8433	158.3476	155.8206	168.7741	191.7176	239.0006	218.8175	135.1633	216.8296	169.9462	174.9928	211.1114	181.4063	168.4808	156.3126	190.9992
CUST_8769_PI429010886	N23559	0.01107792	24	15						145.3581	307.4677	231.588	131.0082	121.2063	100.783	237.3958	204.7788	208.5384	258.3703	164.206	176.8339	280.7963	170.625	179.1861	223.9415	318.037	297.4214	265.7303	204.5441	237.7241	187.1657	219.0705	197.7325	274.5666	169.3049	268.1907
CUST_14728_PI429010886	N33360	0.01107792	24	21	512882510	PREDICTED: zinc finger protein v			6.85E-13	34.12139	43.06564	25.59575	32.45769	26.4485	27.30898	40.83466	37.39308	18.6092	15.36855	18.97114	23.4647	32.36608	43.36291	30.90807	42.97957	34.51373	28.24828	28.37038	33.14322	39.90993	38.88446	44.09481	42.33335	22.39421	31.53465	38.85553
CUST_19489_PI429010886	N41663	0.01107792	24	15						104.173	116.3062	103.8143	94.96672	96.47869	99.90955	105.6309	139.3061	108.6123	114.0114	115.4959	134.6492	133.4287	108.5015	119.1399	151.5412	106.4281	144.474	134.7253	119.077	118.653	121.3825	133.2629	149.2013	129.2072	103.4374	157.2166
CUST_20810_PI429010886	N44100	0.01107792	24	3						74.96434	34.41579	74.13678	103.8438	331.9294	358.0309	25.97276	57.73118	58.82712	64.42288	216.3545	166.7408	33.47158	139.6676	192.6063	12.48615	12.29756	12.90521	20.68379	86.90266	27.61361	37.22647	101.9686	105.8953	11.82408	124.1127	77.10772
CUST_31117_PI429010886	M735	0.01109332	24	18	494952537	oxidoreductase [alpha proteoba	Metabolic process	Lipid metabolic process	7.05E-67	6.396737	NA		21.56373	NA		9.366695	4.791328	13.1101	NA	16.42848	4.841768	4.059378	NA		16.86908	16.93391	NA		5.736085	5.220446	19.50817	30.0529	48.21063	91.21622	9.078909	NA		11.68939	18.76106	NA		15.58609
CUST_35063_PI429010886	M11462	0.01109596	21	12	123507472	ankyrin repeat protein [Trichom			1.42E-12	293.568	570.0085	403.7519	330.6996	71.20264	311.3298	548.1274	216.0628	597.9185	404.9858	616.5627	206.1814	331.6434	732.3207	813.7492	677.9076	178.3394	624.767	145.7157	218.0736	279.2412	62.63588	227.7726	249.2581	123.0345	48.31614	96.07003
CUST_30417_PI429010886	N61848	0.01109558	21	0						51.46661	NA		52.30892	68.74221	13.17346	46.09063	6.381994	21.91645	15.04022	48.1462	20.82118	35.30917	37.13496	8.874019	35.0064	3.491618	NA		10.87185	23.05545	9.889204	21.0526	81.44134	34.49352	51.23629	22.51109	24.92804	39.53461
CUST_15747_PI429010886	N35075	0.01110624	12	0						286.2354	260.3883	237.0529	190.1878	218.8639	184.5933	176.1473	207.7328	195.3229	193.4888	236.013	189.6097	225.5927	179.9258	234.5732	219.0312	278.4811	221.1265	204.4319	216.2603	207.8099	220.2503	232.7864	237.8915	226.2788	236.8696	260.0376
CUST_11527_PI429010886	N27972	0.01110800	21	6						14.58115	14.85124	14.15899	16.66408	6.62957	20.28365	14.95172	18.86536	15.2887	20.87255	15.06042	13.73882	12.38731	15.82272	10.01392	11.87323	10.05625	12.36665	14.39849	7.961062	12.89112	16.46661	10.83359	7.773983	18.52205	14.84915	17.01558
CUST_10425_PI429010886	N26208	0.01110933	12	0	270005256	hypothetical protein TcasGA2_T			1.73E-52	190.0902	133.0898	149.0265	120.1066	155.0803	148.2361	133.7339	100.59	132.4959	142.1948	134.0586	25.46688	199.6427	102.2013	203.1325	131.1039	85.95962	91.12829	134.8108	74.55481	94.59748	173.5895	131.1039	149.2467	200.181	153.6189	202.9968
CUST_21731_PI429010886	N45749	0.01111562	21	0						44.04608	21.7225	38.44506	37.29216	27.09506	30.95428	20.91044	10.91277	17.78015	26.35742	11.66991	29.71228	43.76293	27.72385	38.83587	10.1235	13.6023	8.767695	22.75769	16.6676	11.54561	69.62329	41.64305	41.71225	31.17639	19.16548	41.76732
CUST_37449_PI429010886	M19065	0.01113541	18	3		Cellular component orga	Cytoskeleton organization			44.93169	42.21839	72.72426	67.7048	45.83287	56.734	35.45282	52.46839	33.20541	26.346	98.45312	39.321	44.70348	75.10319	29.47872	24.26626	43.5017	14.3393	32.23946	18.0495	27.29712	76.42243	81.48573	104.5846	68.40054	28.79058	66.17651
CUST_27949_PI429010886	N56997	0.01115626	24	12						50.45617	10.27771	8.385883	51.11657	14.90324	22.22585	44.1442	12.85037	13.76486	46.57025	27.98737	15.75024	56.83684	21.95217	23.11901	17.13272	7.95738	18.99955	15.07604	16.29003	4.14739	10.35047	9.712808	10.45873	15.2696	18.65471	16.51006
CUST_56681_PI429010886	N11413	0.01115692	24	21						63.23529	61.6834	76.99156	58.58735	29.30404	68.01679	67.84273	45.5523	77.06177	55.31238	58.30071	42.68213	62.50267	46.83625	39.40714	71.58328	52.58375	108.9486	55.24149	49.98106	99.56289	72.8177	49.99448	112.2102	58.31342	92.65597
CUST_13863_PI429010886	N31907	0.01117556	12	9						2452.653	740.5837	2670.71	2249.486	1752.658	1876.444	317.0103	1225.455	927.0038	2698.998	2562.585	2414.182	4064.827	2795.798	4275.766	310.1796	217.3409	260.2442	907.3817	980.6718	464.7851	4503.776	4027.931	3608.266	1518.512	1507.382	3696.265
CUST_53879_PI429010886	M103525	0.01118980	24	15	328899962	ubiquitin [Procambarus clarkii]	Protein metabolism	Ribosome biogenesis	3.95E-19	19195.08	21834.29	17023.68	16801.9	12886.71	14071.14	21922.49	19572.59	20172.23	16622.66	12344.85	12584.9	15258.82	15297.04	14858.64	21758.66	23435.22	24507.87	19485.9	20382.6	21270.53	14389.61	17729.56	17589.58	17210.94	17345.96	17771.79
CUST_40897_PI429010886	M56331	0.01119363	15	12	156552029	PREDICTED: hypothetical protein			4.19E-42	44.22724	44.02111	36.86325	40.25187	80.26815	60.14723	44.72002	41.1126	29.50027	45.5101	44.73116	49.81991	49.61113	57.76704	57.57578	66.92448	55.84366	52.27625	31.17639	38.70471	33.92168	35.74167	44.53304	33.20541	49.63135	57.05634	45.01222
CUST_5822_PI429010886	N19248	0.01120439	24	18	328705463	PREDICTED: hypothetical protein			7.6E-62	185.937	208.4398	252.1189	187.6435	126.0374	103.6807	106.4683	92.0968	124.0944	130.8147	168.511	159.5875	281.0341	162.5822	113.7707	120.3127	180.1675	128.5824	241.7973	232.5608	223.1465	151.0262	130.9169	167.261	213.3383	197.6371	316.4278
CUST_57148_PI429010886	E1597	0.01120848	24	15	119134	RecName: Full=Elongation factor	Protein metabolism	Regulation of translational elongation	4.28E-50	30447.23	42662.49	29122.17	26403.54	29949.84	32540.66	41095.52	48051.75	37765.06	34757.71	33176.01	31289.71	36043.3	30352.12	34877.59	47123.31	38060.46	43280.43	37932.98	38861.2	43456.54	30447.23	34620.42	33838.77	36195.31	33304.41	37083.68
CUST_34968_PI429010886	M11197	0.01120848	24	15						269.3499	618.7694	296.4601	276.6685	200.3693	244.0026	457.3588	462.0354	426.4459	459.1993	327.3954	314.5854	423.4844	275.5775	236.3014	555.5824	686.4707	600.0613	367.4917	357.9365	435.731	336.6041	314.1834	362.7316	454.4018	337.6329	367.0194
CUST_56554_PI429010886	M114084	0.01120848	24	15		Protein metabolism	Ribosome biogenesis			27.69944	34.24988	36.40013	30.12442	23.26132	38.02572	30.28489	32.26017	54.97558	61.03293	34.13318	35.44968	40.49642	36.70398	33.56909	71.85783	56.22801	55.91239	49.58225	35.15693	38.62717	46.02907	32.07144	45.78637	67.51408	50.23652	36.71405
CUST_31910_PI429010886	M2719	0.01120848	24	3	345491954	PREDICTED: hypothetical protein			2.74E-56	162.6466	46.68552	151.0262	164.0887	171.664	169.729	70.58682	47.90984	69.45139	98.42724	104.8169	177.7913	128.4802	112.0182	167.9984	56.63612	46.0486	51.55894	75.94639	51.11212	62.66376	127.0936	79.23144	128.3075	81.57806	67.3285	90.04305
CUST_39415_PI429010886	M39101	0.01120848	24	15	347966902	Anopheles gambiae str. PEST AG	Cellular Process	Cell death	1.14E-94	2381.656	4761.143	2975.418	3202.946	2839.956	2891.912	4545.107	3419.816	3899.124	3992.329	3079.233	2985.873	3875.533	3217.866	2654.193	5659.622	5502.319	5162.169	3952.736	4238.105	4242.57	3289.37	3751.984	3565.017	4041.944	4487.184	3808.458
CUST_46715_PI429010886	M73496	0.01120848	24	15						89.85516	124.4425	108.9478	123.0345	92.71133	87.72633	117.7903	128.4972	97.1413	127.9454	114.2182	80.95294	123.3723	124.4898	113.7563	134.8108	167.6224	130.3816	124.5521	127.1435	101.2279	116.4413	124.2323	125.8417	173.8666	121.9377	115.2656
CUST_8175_PI429010886	N22649	0.01120848	24	3	321460082	hypothetical protein DAPPUDRA	Metabolic process	Other	2.1E-42	322.75	125.1571	459.5171	651.0737	876.9516	980.3183	120.5552	160.737	132.9521	215.2625	633.8464	470.5066	257.4304	935.873	593.6835	91.7443	118.3752	122.7895	96.24348	215.9444	118.7327	339.8451	191.1727	281.9365	101.0154	318.482	145.7157
CUST_11384_PI429010886	N27726	0.01120848	24	15	260793968	hypothetical protein BRAFLDRAF	Metabolic process	Cellular amino acid metabolic process	1.38E-47	326.7696	485.2701	371.2053	321.4975	324.0982	344.1561	450.7184	456.9596	499.6833	469.2787	310.1796	246.6961	418.3708	325.1203	310.9804	621.614	531.5525	513.3858	588.5037	362.7316	525.6391	437.0635	400.146	391.9617	509.5667	365.8262	392.8052
CUST_11449_PI429010886	N27826	0.01120848	24	3						5826.27	34.02535	5659.622	8309.047	7983.519	10277.01	105.5685	92.0742	47.82263	967.3181	5659.622	6401.205	795.25	5726.275	6864.217	45.01222	18.40249	90.74217	22.9969	165.4536	48.66253	2528.059	99.10109	2167.915	47.66075	201.6588	64.10757
CUST_14357_PI429010886	N32750	0.01120848	24	3						36.33342	25.8625	41.09779	45.37684	96.12752	83.08821	31.91889	50.0221	28.01116	33.01146	61.66326	55.40921	28.66131	37.92736	52.92831	19.99489	25.97013	26.34871	33.59136	44.46588	37.69822	29.04223	33.762	27.04586	26.89679	38.01913	36.26515
CUST_1435_PI429010886	N9622	0.01120848	24	15	546673984	hypothetical protein D910_0290			2.03E-19	7872.926	15942.89	9410.039	6966.12	4637.293	6559.55	12141.91	9872.039	10987.48	11429.91	5091.533	5402.577	7872.926	8713.974	5693.503	12584.9	16491.53	7088.5	11112.95	10374.24	8378.475	10408.52	8016.887	11228.98	11780.77	5209.792
CUST_47025_PI429010886	M74853	0.01120857	12	9						43.19018	35.86612	44.7999	34.92434	32.49003	23.9493	28.42566	25.76854	30.78396	52.7814	29.03394	42.83292	38.46589	33.29584	47.30043	33.55937	12.91646	19.50362	36.14149	29.97979	41.42074	62.68299	46.47735	72.36145	51.02509	29.23556	64.01323
CUST_4906_PI429010886	N12423	0.01122685	24	18	386376737	hematopoietic prostaglandin D s			4.25E-61	432.3981	483.9464	466.4341	424.2083	177.6012	212.4893	454.1788	826.4146	726.7698	296.2197	125.0424	177.2393	883.0931	456.0887	370.8194	493.3336	424.4152	712.4529	717.3191	703.359	110.7042	591.6487	332.3383	507.2024	601.0558	243.7039	541.5074
CUST_30537_PI429010886	N62082	0.01122685	24	3						217.1239	84.21664	173.8121	288.3603	367.8176	262.1946	137.396	105.1602	137.2826	169.9945	180.6161	268.5828	145.5033	205.95	234.3588	102.3362	95.88853	83.26396	145.2125	109.5302	73.34259	165.368	127.048	103.2732	74.06253	152.0064	104.2173
CUST_55035_PI429010886	M108453	0.01122979	21	15	225712480	60S ribosomal protein L11 [Lepe	Protein metabolism	Ribosome biogenesis	2.43E-30	25343.01	32454.44	30965.56	22154.05	19635.13	19635.13	28561.19	28943.19	28414.17	25188.43	18435.82	18851.7	23503.18	24341.41	22895.57	32969.41	33176.01	34757.71	27758.19	30721.41	33076.81	23324.95	24507.87	26403.54	27073.29	28210.59	29122.17
CUST_1463_PI429010886	N9717	0.01126073	24	3						1006.38	1257.92	356.9618	437.2723	2942.677	2571.491	979.3611	2526.145	1062.767	294.1356	922.8654	918.7311	302.0716	663.5871	599.566	356.6056	328.9434	226.2788	314.3155	1950.295	247.5439	263.0087	915.0007	325.7046	170.246	2137.853	308.8108
CUST_22192_PI429010886	N46598	0.01127172	15	0	405964657	Putative exonuclease mut-7-like			9.92E-15	16.96963	13.16694	15.11819	NA		NA	9.858804	6.247573	5.40299	8.143822	10.62276	6.691551	14.1426	13.85654	11.29903	8.352666	4.994211	18.98812	14.98899	NA		8.239061	7.760758	7.027807	9.708019	5.588826	9.945045	NA		4.648358
CUST_52403_PI429010886	M97333	0.01128808	15	6	321461236	hypothetical protein DAPPUDRA			2.12E-09	459.3044	625.4995	1005.566	1240.074	757.3112	22.10476	1080.903	876.9516	1975.778	103.0843	44.86243	90.28649	598.2839	23.0352	476.7459	35.46629	22.09536	33.90314	1403.011	2245.768	4772.224	629.2438	2600.653	2873.993	809.8174	4001.878	859.4584
CUST_31036_PI429010886	M530	0.01129089	12	9						332.7289	298.2569	340.8616	370.6325	329.4879	321.4975	271.2533	332.8061	301.8062	450.6028	346.0708	503.6798	340.1047	621.7856	811.0498	212.8617	294.3326	323.2204	293.568	393.7655	372.2898	379.6985	455.6054	490.4622	388.4776	333.1336	458.9701
CUST_9597_PI429010886	N24896	0.01129104	21	3						16.47278	10.94976	16.06582	28.96132	18.13805	16.34777	14.17824	7.776877	14.30855	11.68939	4.997977	14.34832	9.221685	11.7024	9.089798	12.4284	6.240405	14.30371	24.92323	3.761052	10.74906	17.04802	9.03053	18.63493	17.6031	14.28873	16.93224
CUST_33418_PI429010886	M6832	0.01129978	24	6	326579691	JHE-like carboxylesterase 1 [Pan			1.91E-22	44.10093	47.49734	48.08352	52.19714	59.24756	33.6843	65.71042	39.52957	59.35684	35.99333	66.93928	55.70355	23.44667	22.69882	29.20882	33.71363	13.05352	26.73995	21.03259	26.10261	12.67757	34.88898	77.29301	81.79336	41.64305	20.46288	40.81486
CUST_21311_PI429010886	N44994	0.01137151	24	18			Transport	Transmembrane transport		30.60362	26.13038	41.55628	22.21596	23.82872	23.35729	24.93525	32.47851	20.71518	25.34302	17.40265	17.81281	31.82327	30.24945	32.1267	38.38502	31.34171	31.8633	29.8647	30.31994	39.38283	33.50165	28.8322	38.11869	38.11477	26.19566	41.52789
CUST_57073_PI429010886	E547	0.01138577	24	15	478252315	hypothetical protein YQE_10546			4.28E-08	323.865	521.206	503.7654	356.1688	344.4073	356.6056	533.0556	504.4324	529.2519	436.5051	394.0157	326.6163	458.4811	421.3837	408.3007	573.4698	668.5027	684.8522	477.7276	462.1954	587.8441	388.875	501.1967	424.2083	476.6448	446.9571	498.4242
CUST_39490_PI429010886	M40285	0.01138577	24	3						40217.51	185.8751	35305.99	27210.5	30257.2	37765.06	302.0161	745.8583	429.0423	21834.29	3120.6.9	24426.06	22526.09	22332.92	35862.04	134.2073	138.4394	251.0873	867.6626	1020.042	1049.887	20871.55	8827.334	20020.97	1582.625	2636.073	4284.075
CUST_32680_PI429010886	M4795	0.01138577	24	15	321453648	hypothetical protein DAPPUDRA			4.68E-21	26.29812	26.44427	25.34518	30.83657	19.65095	22.6604	44.5991	26.62131	31.10668	31.43117	22.30617	34.82552	32.3182	27.29712	29.97653	40.91214	33.80478	38.96134	38.23223	25.10206	38.61632	33.51493	26.38647	29.81999	31.76944	29.37054	28.6389
CUST_31209_PI429010886	M979	0.01138577	24	3						669.3491	72.90397	811.6064	796.612	749.3538	745.3715	63.87749	70.3428	79.51886	111.0547	577.8423	577.9786	176.6314	582.785	720.2377	53.5836	67.7048	61.16253	61.3302	71.1038	74.08077	250.621	104.8565	204.2969	59.63292	91.15714

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_54738_PI429010886	M107402	0.011589741	15	12						68.50963	60.48555	80.33191	59.797	80.11297	78.72715	52.67255	43.59878	45.93656	167.2311	90.51162	102.7615	194.0105	62.22572	191.6851	105.3328	54.09509	103.2365	77.94963	71.01745	69.45852	77.45378	56.82231	74.31745	106.1445	55.45245	85.40783
CUST_44788_PI429010886	M66985	0.011589741	15	12	52630412	guanylate cyclase PcGC-M2 prec	Protein metabolism	Cellular protein modification process	1.02E-55	27.9152	26.11298	38.14116	26.20838	43.86283	42.4928	29.3303	23.63327	30.11046	47.46968	33.93799	40.04223	42.2265	46.9602	49.80184	60.38394	38.53227	32.3516	37.14951	17.66839	34.37978	22.03729	20.49098	35.48221	54.25064	28.61425	39.5247
CUST_44788_PI429010886	M10514	0.011591712	15	12						200.863	128.3075	324.1912	299.2328	178.9536	257.956	75.46497	292.0008	157.0815	106.1034	86.29714	75.38714	49.55479	172.8989	86.69353	68.42492	131.7633	128.2853	193.9896	262.1593	280.9343	121.6645	51.56297	215.3674	116.0037	78.29555	
CUST_54345_PI429010886	M105653	0.011599234	24	15						6551.409	1113.8	7225.192	6279.978	4531.71	4650.166	10142.18	9699.55	8857.18	7704.294	5587.034	6255.734	6799.146	5847.84	6333.445	11911.49	11763.32	12860.58	8484.924	8591.806	9550.071	6051.213	7993.785	7872.926	8713.974	8334.379	9759.347
CUST_37838_PI429010886	M21822	0.011599234	24	3						13716.26	312.5578	12141.91	15767.9	14411.75	19237.66	45.0273	923.1653	43.37269	8644.801	10815.88	15798.02	3091.943	12631.63	14703.33	5.348053	8.165142	87.34939	38.99638	955.5815	50.0875	10248.36	376.0943	8658.641	16.25968	1716.333	86.50032
CUST_30859_PI429010886	M25	0.011599234	24	15	260833030	hypothetical protein BRAFLDRAF	Metabolic process	Cellular amino acid metabolic process		222.9863	609.8498	343.7299	197.6371	202.9315	280.8283	235.6105	412.9894	420.3226	584.1152	339.9532	476.7459	162.9468	444.3539	424.9756	584.4771	721.6825	907.8057	392.9019	333.9851	284.9823	361.5772	592.8013	441.6606	462.0354	144.2677	451.9245	
CUST_17557_PI429010886	N38179	0.011599234	24	3	195452816	GK14160 [Drosophila willistoni]			0.000000587	628.502	35.02468	644.9039	955.1294	2517.49	1888.631	20.45768	101.0612	25.7879	152.9126	1808.449	1345.742	78.87059	1780.678	1553.379	13.35744	16.02196	23.30899	29.44247	95.73042	29.22669	198.7466	48.23305	143.0807	16.61697	123.7768	15.53301	
CUST_25157_PI429010886	N51885	0.011599234	24	15						69.90555	104.3299	82.55332	67.48124	73.81857	75.09386	80.47316	91.72224	97.48939	87.25531	79.03209	83.97595	76.49084	76.5633	81.21161	102.2878	125.9747	131.6939	82.68763	80.46117	89.98471	71.89101	112.963	106.5406	77.12608	79.08754	96.65486
CUST_1433_PI429010886	N9612	0.011599234	24	3	519662799	hypothetical protein [Geobacillu			0.000000222	12097.54	351.0025	9301.136	16411.2	21524.84	28025.82	45.62418	1494.458	74.30536	6155.993	10764.25	15045.33	6922.365	12496.19	18117.06	20.87837	18.18231	87.71525	39.95843	691.6444	86.94104	5311.077	683.9311	5467.822	32.88066	685.653	209.7702	
CUST_46089_PI429010886	M71335	0.01160608	21	15	238683705	NADH dehydrogenase [Palaemo	Transport	Ion transport	4.29E-17	1159.214	2039.749	1307.951	1221.709	1108.83	1026.487	1721.8	1469.262	1458.832	1296.827	892.7134	1044.931	1199.116	1303.86	1124.497	1802.44	2291.48	2292.947	1480.103	1755.972	1916.926	1146.245	1724.425	1423.667	1424.355	1818.148	1513.287	
CUST_42718_PI429010886	M61052	0.011619361	24	12						47.77307	145.4834	20.95138	169.2197	18.64133	160.9576	242.133	67.96481	200.7515	175.151	171.912	16.21246	210.5427	141.0774	257.1241	462.0354	102.0887	386.3361	40.2252	36.99679	29.5773	33.21716	30.11519	37.71641	47.68605	29.6152	19.05575	
CUST_392_PI429010886	N4801	0.011631533	18	6	321466528	hypothetical protein DAPPUDRA			2.58E-19	2759.556	2906.899	4787.419	5571.385	1711.883	1154.406	3549.354	5884.771	7714.571	3166.856	6000.152	1895.037	6631.875	2475.896	2002.791	594.0785	844.4833	769.305	6945.783	7032.355	10921.28	4767.094	10727.23	8605.765	7568.31	8439.929	12569.14	
CUST_47456_PI429010886	M76206	0.011632647	12	3						48.56519	71.88037	64.99079	149.0265	53.66051	76.11372	79.07706	35.96302	52.27137	45.2017	43.41187	30.26428	97.60846	35.05094	61.37944	43.45889	140.1401	85.54538	26.39253	26.22317	10.25382	38.26324	40.66863	26.12743	44.56728	84.19786	68.50135	
CUST_32685_PI429010886	M4810	0.011651356	15	6	149675211	cuticle proprotein proCP5.2 [Cal			5.32E-71	6758.872	3261.337	9500.977	16348.66	9067.463	5693.503	8061.991	12631.63	18435.82	7993.785	13248.98	5380.838	24984.55	10464.54	11528.01	772.0259	2811.043	881.8202	20616.2	16913.15	22332.92	14670.24	29396.88	30721.41	20320.15	29843.45	35305.99	
CUST_43934_PI429010886	M64378	0.011666149	12	9						42.28696	44.66993	52.92294	45.34342	51.56297	39.51778	33.42156	49.21384	27.79864	50.39653	46.44259	52.67255	39.84739	36.27201	37.22647	17.9949	35.04281	34.88249	35.33106	42.91273	63.05696	62.02003	64.54113	60.37856	48.66253	31.40901	36.45493	
CUST_56425_PI429010886	M113765	0.011667419	24	21						87.29938	83.26396	73.47778	84.51406	69.5671	65.47772	71.58388	58.55963	79.73452	88.05908	69.50462	71.54027	80.66827	56.4057	76.45795	78.38177	79.10899	78.44375	85.98865	79.36702	47.15185	88.78315	91.36194	109.3497	78.40447	71.88037	86.70327	
CUST_38974_PI429010886	M32870	0.011671348	24	9	152013699	putative cuticle protein [Artemia			1.06E-17	28.03213	16.61523	13.30458	36.99237	43.75295	25.16449	17.98498	19.27271	13.1553	21.82274	51.52222	67.65721	14.7532	91.7043	59.19847	26.0733	24.7525	21.01433	20.08859	17.68077	14.36936	20.02415	11.85089	13.07815	11.87453	24.28512	19.46213	
CUST_37105_PI429010886	M18758	0.011672026	24	18						116.1322	249.1319	203.919	278.1319	189.0201	100.038	194.4561	286.1136	353.6905	241.8418	247.4668	189.0814	369.5842	207.8484	253.9457	249.9933	270.6292	316.5315	423.3824	312.008	407.5835	508.7574	304.4188	286.5541	418.1248	265.8521	
CUST_30928_PI429010886	M238	0.011674938	24	15	72049918	PREDICTED: condensin-2 comple			2.72E-31	63.92344	104.5593	75.69228	59.5223	74.12935	62.71584	70.78121	84.39985	74.82596	88.37671	67.64673	62.77181	81.32217	79.82778	62.11363	103.1345	91.75455	116.0897	93.40586	74.78378	107.0876	73.17975	78.33954	69.59216	61.72867	68.03257	98.7449	
CUST_46884_PI429010886	M74064	0.011674938	21	0						29.5453	40.6742	46.18377	26.46966	17.6345	12.47813	34.95791	26.11029	26.01383	27.11635	21.96464	11.56292	15.76131	20.4296	19.34867	23.44192	36.78126	39.06065	22.70669	21.73011	31.2986	25.53705	44.25991	34.38164	22.67515	28.67222	30.69787	
CUST_245_PI429010886	N2986	0.011674938	18	15						10.61538	26.91338	15.9111	4.650562	3.7268	10.69888	24.72767	4.690007	13.68243	36.35313	6.716683	27.30294	11.63269	15.86113	16.26288	22.13004	27.80576	18.1573	27.96875	8.801336	16.42131	9.63644	14.49774	9.688124	9.416468	8.922458	17.73313	
CUST_4213_PI429010886	N16247	0.011679399	18	15	345482651	PREDICTED: LOW QUALITY PROT			1.97E-09	35.0318	30.10754	22.62211	27.85041	20.84244	37.16734	25.85738	25.62254	19.16781	44.25351	28.4048	45.20901	37.65544	33.49837	38.15236	47.45891	45.44328	42.70334	34.32863	22.2879	25.41794	27.11917	25.62847	31.8265	32.23946	29.30404	20.57977	
CUST_5161_PI429010886	N18339	0.011693643	24	15	156544470	PREDICTED: hsp90 co-chaperone			7.19E-106	285.6824	433.8311	352.0102	249.3411	243.2848	262.04	244.1747	286.5115	278.8807	286.5115	339.8451	224.7103	299.1753	316.8051	252.5113	305.5795	452.142	315.18	288.7764	331.7854	330.0358	292.4122	372.1298	288.1795	289.1171	308.4293	301.4906	
CUST_13473_PI429010886	N31248	0.011695376	15	3						35.98686	63.19478	58.78776	46.48232	139.1998	99.19887	88.5599	65.44741	75.41256	34.11681	28.93482	46.21776	47.09024	33.77888	60.02726	38.11477	45.42128	44.70348	52.21427	60.15379	80.05281	42.37353	64.86228	79.63863	50.81159	25.9357	44.86788	
CUST_44748_PI429010886	M66867	0.011700291	24	9	443735013	hypothetical protein CAPTEDRAI	Metabolic process	Cellular amino acid metabolic process	1.81E-57	12.20542	18.64038	8.364605	26.84779 NA		24.79569	10.96116	26.52431	13.73539	7.843567	95.26274	48.80246	41.19213	27.2558	20.34912	10.93759	25.51207	20.04588	7.64439	18.11022 NA		14.55841	19.8869	17.25129	7.26329	16.56168	9.052014	
CUST_23008_PI429010886	N48102	0.011700377	21	18						18.13167	17.6322	15.58609 NA		NA	NA	6.777795	11.90584	3.673243	17.53224	6.145604	19.36587	13.66542 NA		12.67448	11.63109	25.19098	14.45866	19.57119	16.69734	18.63267	10.36406	15.51127	20.17748	4.794421	13.0547 NA		
CUST_2303_PI429010886	N12061	0.011715528	12	6	241997760	meprin A metalloprotease, puta	Protein metabolism	Proteolysis	9.04E-57	10.97416	11.11796	6.150357	16.92091 NA		26.74265	146.5694	9.762817	124.4273	27.74551	20.58643	8.203427	9.852481	14.86874	4.483644	34.87919	17.89355	48.61521	187.8778	386.1445	675.0754	57.16525	18.63267	57.9032	112.6387	24.24843	88.96871	
CUST_17053_PI429010886	N37287	0.011717022	24	0						102.3686	96.71212	97.01999	43.42575	56.76432	67.56678	73.70166	90.48608	61.95078	93.42816	56.08051	107.7085	70.26755	72.10171	55.23799	86.28411	63.77866	72.62444	92.54225	69.69671	87.46732	90.74217	100.5778	106.2659	107.2833	74.62293	99.84349	
CUST_34598_PI429010886	M10120	0.011718354	24	12						47.30405	112.7999	52.35235	51.25725	88.26602	95.75319	75.0839	91.11591	68.59824	67.88505	77.48265	78.87059	64.27006	92.41119	79.06068	72.86661	113.9079	77.16447	62.05756	73.89284	70.8379	38.52068	56.75304	33.1607	59.17675	61.84336	52.21052	
CUST_52156_PI429010886	M96582	0.011718354	24	9						54.48188	47.70295	54.83706	55.06272	112.2997	141.8433	81.80549	58.53483	44.05427	84.09371	82.7985	65.91522	84.03656	54.74265	53.13532	63.06627	56.52874	47.29636	62.4694	41.76233	32.7919	57.54767	40.16574	45.26784	71.48244	53.74306	83.61292	
CUST_37855_PI429010886	M21884	0.011721652	24	21						3014.898	2277.337	1944.792	2960.558	645.8971	1908.561	1874.483	1653.487	1827.788	2805.21	1587.121	1663.655	2983.608	2237.142	2189.919	2814.474	1453.134	2566.656	2747.205	2132.096	3349.165	2352.61	4825.163	3724.515	1263.923	1962.886	2757.04	
CUST_39882_PI429010886	M46134	0.011721652	24	18						439.635	797.7145	602.4086	537.7378	415.2055	325.4289	525.5146	690.9865	660.6448	418.6884	510.7551	580.117	522.4996	496.692	497.6488	592.5764	716.8261	617.7634	809.8174	683.6777	788.3617	627.9112	539.3693	695.1268	658.5111	526.1263	784.4035	
CUST_45910_PI429010886	M70726	0.011721652	24	6	71159516	C-type lectin [Penaeus monodor			2.2E-14	40.07856	29.16979	48.32075	37.95648	32.77639	33.09951	49.04743	40.25187	41.73123	55.40345	8.24518	35.56153	56.73963	27.80576	26.00178	42.82494	36.63038	31.66129	18.42193	23.74852	28.63477	24.53204	15.9251	20.36712	19.20499	16.90428	17.91593	
CUST_36753_PI429010886	M16754	0.011729562	24	15	91089713	PREDICTED: similar to ubiquitin	Protein metabolism	Proteolysis	2.22E-68	584.9829	1034.116	680.8236	631.4625	584.6183	588.3344	785.5802	928.898	982.3643	818.0478	679.5306	653.8973	715.6987	591.4732	707.3888	1096.072	997.9064	1137.334	850.2576	740.8082	952.9844	910.9934	756.356	840.6574	955.1294	693.3608	988.0134	
CUST_39955_PI429010886	M4721	0.011729562	24	3						17931.09	14.63182	18320.9	22017.75	25792.96	28943.19	10.23726	218.5686	13.14847	322.768	12725.99	13532.16	2181.465	2192.49	2847.77	11.16909	4.939673	52.6783	6.165867	75.55974	23.69804	4863.888	570.8387	4616.026	23.43505	691.181	94.00187	
CUST_49842_PI429010886	M87391	0.011729562	24	15	528746119	C-type lectin 4 [Fenneropenaeus			3.99E-08	44.63889	98.17006	98.63138	41.08386	13.14847	27.49895	110.519	78.26455	97.50175	103.6054	31.39708	78.29555	82.34733	31.25385	85.99964	201.8882	156.4493	223.3609	100.8605	50.81563	87.06038	95.01092	25.77932	61.9379	120.2974	49.73252	103.914	
CUST_7008_PI429010886	N20908	0.011729562	24	3						1989.721	37.2113	1547.502	1816.059	1606.909	1989.721	115.2993	98.38918	127.7013	497.6488	1195.903	2393.197	455.0731	1416.762	1621.358	33.95966	24.04754	43.91443	163.563	205.2018	147.2543	579.9447	257.3491	551.0918	133.2817	244.0506	229.9746	
CUST_8453_PI429010886	N23060	0.011729562	24	15	383863595	PREDICTED: uncharacterized pro			3.62E-23	107.8435	227.0055	183.5082	128.5506	149.3381	126.8388	186.9529	202.9059	182.2908	148.8622	190.3933	163.1533	167.3834	163.8916	186.9009	204.2476	314.4452	287.3062	177.388	176.5278	256.2294	145.1992	171.0499	219.4299	183.9367	166.7408	221.9709	
CUST_13715_PI429010886	N31644	0.011738313	24	9	345496695	PREDICTED: hypothetical protein	Developmental process	Multicellular organismal development	2.7E-33	31.38536	19.44853	24.13218	33.75905	121.0707	59.02352	30.15628	30.68002	21.1337	34.16048	45.41788	73.90571	29.11467	52.51146	58.78776	21.28132	25.0763	20.65147	25.19098	24.34766	21.66219	27.57162	15.9018	25.87711	17.00074	27.60039	33.26038	
CUST_9338_PI429010886	N24461	0.011740791	15	9						25.58795 NA		9.704976	11.64898	4.861279	3.746474	25.64786	11.51199 NA		21.7987 NA			12.74848	18.68212	6.537448	14.36577	26.57459	8.202317	5.854267	20.39494	4.174325	8.43105	16.75127	11.57188	7.410322	36.8445	27.79642	31.70122	
CUST_23526_PI429010886	N48980	0.011754056	18	9						37.96647	19.34106	16.63618	23.51724	25.67433	29.55431	42.68213	37.12565	35.26837	82.7985	56.20706	70.54441	41.46154	31.69795	31.89668	61.67659	52.38135	58.66126	29.5453	30.91821	43.62652	61.62446	39.51778	58.57991	48.8586	33.10297	45.95593	
CUST_24808_PI429010886	N51279	0.011754056	18	9						14.00894	5.085926	4.977375	8.378958	22.95506	11.16576	3.723073	6.371533	8.90453	17.26262	14.6059	15.929	12.00855	18.69191	8.631384	7.875391	7.619983	9.840114	8.286877	5.438256	6.724289	8.036199	9.771765	8.394142	12.09079	11.00341	12.87704	
CUST_39369_PI429010886	M38460	0.011754168	18	0	321472284	hypothetical protein DAPPUDRA	Response to stress	DNA repair	1.25E-46	20.93117	87.46732	50.79258	44.511	68.0002	32.68105	32.70763	43.63653	26.83656	32.85632	39.6267	27.57725	44.24302	45.33378	43.36291	36.40347	76.96435	53.09289	56.59797	62.02618	69.33519	42.43263	40.30169	32.0326	34.52717	41.0185	33.72382	
CUST_31831_PI429010886	M2517	0.011754876	24	18	321477497	hypothetical protein DAPPUDRA	Nucleic acid metabolism	RNA metabolic process	2.08E-89	74.33815	155.0803	137.0045	89.54662	75.25623	82.1985	89.0262	133.1475	99.51051	124.8855	103.9866	99.93518	116.8467	99.16406	98.15697	104.6784	170.8635	151.2161	129.5648	130.6255	110.3861	125.2728	109.1979	115.7057	105.9997	97.51431	127.1629	
CUST_44434_PI429010886	M65978	0.011754876	24	9						335.6891	214.5554	195.6436	211.2277	460.5885	411.3393	274.9461	260.1908	234.5732	310.5741	282.9651	431.8791	231.8895	273.802	354.1831	287.7668	199.421	216.7613	238.6215	264.6763	173.6995	232.3662	197.2216	235.0418	202.6784	212.1398	215.2938	
CUST_28154_PI429010886	N57386	0.01177928	18	9						74.73696	18.35318	51.15383	8.250802 NA		11.9307	42.50386	33.64233	36.48523	248.6058	172.6851 NA		23.05545	138.2201	13.38277	87.89748	108.6739	56.09749	69.85306	101.1701	130.3816	25.87214 NA		23.43251	61.01777	9.195054	25.95165	
CUST_51592_PI429010886	M94152	0.011782362	24	15						NA	11.7387	9.567571	5.167289	15.00826	10.54122	11.64898	14.44887	14.70588	7.794152	7.653718	11.98667	10.27771	17.90158	15.05439	24.5939	18.7792	17.95536	15.56376	18.68212	16.28426	11.02719	13.65957	6.176204	17.21886	16.43671	11.46624	
CUST_52201_PI429010886	M96716	0.011784823	24	18						5.303114	10.58533	16.32616	4.08496	8.859308	5.449648	6.810212	7.843567	8.771483	11.08375	10.84292 NA		12.59391	6.552316	11.56593	20.45505	5.128731	14.54604	38.07838	12.26023	11.10715	18.75264	7.627631	18.59394	16.2936	6.864225	14.485	
CUST_48873_PI429010886	M82629	0.011802672	15	9						20.19825	4.62478	16.0427	14.8883	13.97125	9.544263	18.28716	9.24062	4.671352	26.61562	15.36685	18.48018	18.23869	14.39043	19.95366	11.40479	11.81562	14.5147	15.14518	9.536214	11.97474	20.45505	15.95845	23.42467	26.0713	20.33173	22.29626	
CUST_46757_PI429010886	M73623	0.011803902	12	9						77.05387	33.47807	67.68103	86.96518	38.34001	49.54311	59.57009	51.68111	82.74445	54.00791	113.3845	64.6674	108.4526	70.85676	89.16012	38.95176	50.88233	36.76462	67.92426	59.62083	89.22264	120.6396	134.9139	126.7539	62.38008	34.36428	72.46811	
CUST_11919_PI429010886	N28628	0.011803902	12	3	226374370	peroxinectin [Fenneropenaeus c	Response to stress	Response to oxidative stress	4.73E-23	186.792	104.437	204.0335	168.6428	67.64673	112.3135	120.9	134.1618	132.2346	242.1802	150.7445	170.9358	212.3717	122.1097	163.8102	135.7882	120.0859	169.5261	127.3332	126.9828	180.0489	152.0796	174.4633	321.3471	96.81529	110.2123	180.1675	
CUST_22523_PI429010886	N47184	0.011803902	12	9						39.71151	45.54074	46.89227	24.93525	23.40563	32.72797	21.00978	55.70902	36.49381	46.38013	53.20844	48.33941	42.88477	29.00837	37.73322	44.50475	46.08569	46.98963	45.24721	23.01836	19.24274	54.33188	56.10448	51.3632	40.81486	38.50324	40.07893	
CUST_8328_PI429010886	N22878	0.011813404	21	15	66499523	PREDICTED: peroxisomal membr	Transport	Mitochondrial transport	5.73E-85	33.3276	30.74499	46.80566	37.60099	26.52431	31.02823	27.98737	14.31215	20.18225	22.38961	25.10747	33.50951	38.89512	31.62985	32.49093	37.89317	36.85694	40.80027	38.06969	31.52857	35.18384	27.9284	35.14363	54.22723	37.39816	25.34819	42.96548	
CUST_5406_PI429010886	N18659	0.011814982	21	18	240978029	tetratricopeptide repeat protein	Metabolic process	Other	7.92E-50	29.29782	105.0092	66.83189	41.13217	75.76283	55.99408	45.3219	62.23304	40.53493	39.44669	51.82749	41.16872	41.01272	63.13263	61.78111	59.66359	82.19156	74.82596	57.64367	89.99586	84.57655	47.20876	70.65416	58.88834	56.78277	45.94658	62.98884	
CUST_39717_PI429010886	M43395	0.011815444	12	6	321479210	hypothetical protein DAPPUDRA			4.41E-08 NA		NA	7.499635	137.6386 NA		116.9614	1396.045 NA		1082.092	178.0114	138.2203 NA		52.21427	129.9202	45.41169	275.7847	4.067669	259.3611	1853.898	2672.714	5533.093	396.5838 NA		334.6481	601.5188	146.6816	393.358	
CUST_10611_PI429010886	N26505	0.011821466	12	0						76.76723	76.19975	94.48817	88.93364	70.04249	68.16905	68.12566	43.38217	49.98481	91.41914	72.14124	55.17016	102.6488	65.37786	63.08459	74.90044	73.7088	72.53637	66.69697	73.62565	55.93542	78.8865	76.89496	71.75645	82.16147	82.55332	82.70695	
CUST_13932_PI429010886	N32034	0.011824786	21	0						40.02841	68.27965	22.69087	26.47878	15.04687	12.94826	8.141288	17.74254	26.15603	36.71405	9.032116	24.72767	11.00269	15.5722	7.322474	21.13144	15.78015	41.38631	32.75774	38.35367	24.29996	58.84073	21.88581	38.78289	29.13251	18.68973	7.442251	
CUST_24326_PI429010886	N50422	0.011824876	24	3						630.9023	11.77271	687.2962	372.3645	490.2242	462.8312	12.88584	38.51205	14.03646	63.85058	376.5416	167.6498	46.02907	356.9618	372.3645	6.051391	11.33713	4.28871	16.20707	38.91666	23.91323	47.06434	38.35367	26.61853	14.25102	44.21087 NA		
CUST_16714_PI429010886	N36735	0.011829254	24	0						17.91593	25.89322	22.39651	27.08947	13.44127	18.33066	20.81357	9.161427	19.46213	22.2434	19.42183	12.57356	16.46161	17.10849	16.69306	15.36018	15.2486	13.91642	17.42256	12.49082	21.2594	19.21592	21.26236	23.23151	58.6381	17.61898	22.53368	
CUST_36071_PI429010886	M14527	0.01183345	21	12						38.47726	41.33391	42.49657	37.48234	37.79767	44.1584	37.08608	33.37054	36.60063	37.41529	34.68278	48.65167	55.75291	49.60673	47.29636	62.52685	38.34001	49.0091	47.87148	30.63415	48.00737	42.2265	42.6374	46.13913	43.21882	34.64088	49.87572	
CUST_25076_PI429010886	N51746	0.011839006	24	0						48.4073	45.00629	49.12192	25.85738	55.24242	47.61903	45.17249	44.22724	46.81135	27.20014	29.21241	32.46562	21.33527	45.47301	31.36138	24.58018	26.58261	22.79876	45.51721	50.28629	70.88457	29.65224	60.39565	43.37645	47.24767	52.6416	41.89699	
CUST_35031_PI429010886	M11389	0.011842122	24	3	221056120	hypothetical protein, conserved			0.00000041	133.2218	36.75099	105.0475	139.1998	126.5797	145.9662	51.74535	47.80328	50.46073	107.8619	122.4018	50.38885	161.586	84.16808	112.0451	42.83599	39.44924	19.95277	35.15002	43.45515	30.29561	184.1725	117.4793	110.3983	46.32725	71.44611	48.48353	
CUST_39123_PI429010886	M34915	0.011854977	24	3						2681.804	37.7689	2904.283	3267.789	3629.795	6025.479	23.60614	371.2053	27.10462	230.3006	3660.946	3033.527	175.317	2988.845	3513.064 NA		8.62544	9.027928 NA		463.9651	19.49861	602.8578	81.08936	537.1828 NA		992.6472	6.565637	
CUST_10282_PI429010886	N25998	0.011857534	24	12						7.824872	8.350162	11.04999	11.84866	12.99802	14.34832	13.43624	16.9284	5.866363	16.97814	12.66176	13.413	14.57595	15.73759	17.33888	9.179179	8.452888	10.11558	11.82895	11.93827	22.40231	13.40443	12.70063	12.46469	11.13644	10.98177	6.277745	
CUST_38718_PI429010886	M29563	0.011859891	24	15						2066.858	1867.24	2179.188	1348.794	1380.586	1111.297	3295.67	2217.875	2867.707	2924.097	1566.672	2835.943	2050.749	1599.332	1873.347	4234.05	3593.994	2809.488	3140.215	1545.477	2028.877	2777.197	1745.528	2221.308

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_41016_PI429010886	M56636	0.012195921	24	3						28.41463	15.03718	20.32056	31.50944	42.0865	38.90187	17.78015	22.43976	24.29464	27.68431	21.85691	15.53301	26.6049	19.7414 NA		22.34334	20.15802	19.34867	15.5351	17.75609	21.3518	18.09671	18.37444	15.4109	27.3201	20.05017	16.01802
CUST_33051_PI429010886	M5843	0.012201263	24	18						4105	5467.822	4415.56	4105	3509.087	3796.503	5336.579	3875.533	6010.065	5055.201	3675.29	4378.72	5394.696	3060.056	4392.913	7695.811	5462.129	5921.175	6791.114	4589.607	6649.946	4847.527	4490.88	5197.224	6727.299	4064.827	5979.853
CUST_20775_PI429010886	M4833	0.012201263	24	18						136.0268	116.0897	126.4865	114.8083	123.3723	91.58124	125.8592	108.8478	119.1727	144.7781	123.0024	145.1769	197.6747	140.2618	175.9736	161.2169	125.5586	157.9625	198.5715	199.3797	137.5851	107.8333	245.1933				
CUST_32644_PI429010886	M4676	0.012218032	18	9	241846314	SEL-1, putative [Ixodes scapularis	Metabolic process	Other	1.07E-122	42.3598	53.10853	63.78974	45.60384	21.41224	27.32212	96.9842	64.88027	37.42169	71.90542	52.39131	67.17926	35.11692	49.56614	42.5482	92.79509	60.97733	84.42785	40.68971	37.08608	70.98569	39.61981	41.24111	40.94932	70.38705	47.70751	54.93619
CUST_43641_PI429010886	M63564	0.012218032	18	15						33.28109	36.52621	26.36566	41.69944	20.37081	25.84326	40.23682	36.28732	30.25516	48.33941	29.65959	6.478825	37.20362	26.81298	30.32915	60.74813	48.11395	51.08768	20.02415	28.95792	29.63277	22.88864	21.65257	23.59507	22.6315	23.65361	27.21287
CUST_52256_PI429010886	M96867	0.012218032	18	15						27.1592	48.12354	41.51635	33.62051	29.01236	27.85573	27.1592	32.06294	36.83272	43.13936	34.72664	24.28735	55.88596	31.82049	53.04169	47.33022	54.20975	61.15056	19.32802	31.4218	38.14824	24.73549	34.98836	29.36452	42.91673	39.20662	48.04399
CUST_16529_PI429010886	N36400	0.012230674	21	0	195162205	GL14252 [Drosophila persimilis]	Cellular Process	Cell death	5.61E-10	59.38892	65.42578	79.57438	72.66933	63.68621	63.91561	58.2972	56.95109	44.93169	56.84633	70.65416	68.21622	46.39912	54.53262	53.5836	54.39842	71.18104	53.65203	68.18657	43.94763	56.49038	72.15056	68.73418	68.03257	61.95862	85.10841	67.93128
CUST_37491_PI429010886	M19220	0.012235696	24	18	383857871	PREDICTED: zinc finger protein 2	Protein metabolism	Ribosome biogenesis	4.95E-44	154.7688	268.6876	249.9933	172.4755	149.4369	115.2656	187.6435	186.9529	206.8689	169.3049	127.5994	118.0753	184.1477	132.1793	123.6152	154.3725	262.4014	197.5603	218.9572	231.9647	296.5728	162.4812	227.9494	174.8465	190.289	194.1257	180.8452
CUST_48424_PI429010886	M80256	0.012235696	24	3						54.69276	68.67272	66.63719	107.3485	246.1269	220.6244	78.20138	170.0929	98.85767	84.84135	191.7176	144.7602	84.9077	121.1967	79.31808	37.72215	77.77436	43.73128	54.33723	113.23	35.49916	119.6201	111.5065	94.33013	64.99766	156.1362	69.73801
CUST_39888_PI429010886	M46266	0.012237514	15	9						16553.17	109.3354	14743.32	17555.23	13098.74	17623.06	1153.859	993.6309	1889.404	24825	19094.08	25343.01	23084.2	8857.18	19094.08	376.4343	65.16557	417.1463	2554.596	3783.527	4819.372	18408.63	16252.77	19791.01	5814.883	15340.52	19791.01
CUST_53040_PI429010886	M99859	0.012266193	18	3						20.32291	19.71754	32.10035	26.16822	29.00237	24.87849	25.5482	23.14239	16.14473	13.17346	16.91133	23.70418	20.46917	16.42848	10.8747	20.64919	24.64033	18.80957	28.3301	18.14584	17.70572	25.70782	19.29948	26.2902	24.06897	15.98548	23.64554
CUST_2664_PI429010886	N12862	0.012266193	21	15	224486244	glutamine-oxaloacetic transamir	Metabolic process	Cellular amino acid metabolic process	2.99E-153	135.3635	290.8608	197.1631	196.1489	191.1071	136.1461	125.7133	244.8878	148.728	208.7171	188.4898	223.4669	189.6492	227.1085	174.857	216.8711	283.841	309.132	173.9842	275.386	261.7118	144.2441	239.642	210.039	142.8249	205.4884	127.2055
CUST_17027_PI429010886	N37253	0.012266193	15	0						12.66176	22.52975	15.16953	7.537524	17.04802	9.346935	8.197876	11.29632	10.62408	10.59744	14.62238	19.83269	16.51861	17.40595	16.8636	22.16019	18.41601	18.51484	19.86967	12.44307	10.17265	14.64996	6.046947	12.76732	14.3393	17.46376	22.10047
CUST_14469_PI429010886	N32938	0.012273652	24	15						6.945676	26.54409	3.873863	12.56182	3.896595	14.88508	7.956098	12.77798	10.15678	13.43146	15.23086	13.95493	14.18007	11.90033	13.70168	45.18702	20.54013	15.9111	12.13203	4.932	15.57566	18.81827	15.3089	23.24733	6.051391	19.79066	10.94364
CUST_883_PI429010886	N7689	0.012273652	24	15						1787.383	1284.957	643.0042	937.9336	472.7524	659.0035	2269.737	3384.461	2935.737	1717.387	797.7145	460.9197	2078.188	1526.163	584.3107	4628.184	2618.303	5304.997	3039.361	1720.155	1863.699	2005.153	550.2129	1180.485	1898.75	665.873	616.7748
CUST_3579_PI429010886	N14811	0.012275493	24	3	326781697	crustacyanin subunit C [Fennero	Transport	Other	8.31E-42	61.19316	16.63618	25.51539	95.36659	116.9614	97.45374 NA		NA	NA	12.54368	32.36608	45.65444	21.15337	69.326	81.96955	10.94364 NA		6.346484	42.10601	21.70753	46.54974	26.88183 NA		27.18132	65.01496	48.03485	9.157379
CUST_54973_PI429010886	M108296	0.012290404	24	21	334328835	PREDICTED: zinc finger protein 3			6.73E-60	40.0082	46.84134	49.49501	48.80246	50.73868	29.22669	42.80977	46.90598	41.55059	35.13853	40.06809	34.53159	40.53493	41.47761	29.24359	42.16901	49.3434	40.16189	47.23231	38.85319	39.2136	51.92132	51.71141	41.85107	43.01953	42.87131	51.60135
CUST_28417_PI429010886	N57909	0.012291346	24	12	242004632	zinc finger protein, putative [Pec			8.07E-09	11.12735	12.96601	7.168799	24.46253	11.49825	7.764959	10.56907	25.03508	7.219437	13.55744	12.87017	16.50625	16.84207	17.43685	26.60187	11.31707	11.3477	15.03411	17.25784	12.48035	16.5029	15.91592	19.14248	21.43518	6.228711	8.881447	6.831045
CUST_20579_PI429010886	N43696	0.012309815	24	21						8.888649 NA		NA	4.87786	12.47813	10.07424	5.448429	7.103758	7.635827	6.957271 NA		NA	6.631805 NA		6.520876	7.886951	9.218794	10.79559	4.518426	10.70066	15.75563	14.92039 NA		17.37069	13.16499 NA		7.132043
CUST_4663_PI429010886	N17235	0.012316108	24	3						9.24062 NA		11.14899	40.07856	14.41795	16.66622 NA		NA	3.900363	11.16576	18.10243	19.35085	9.372363 NA		10.70343	6.938245	4.571766	4.21594	7.836931	10.39496	7.912113	12.54285	6.406844	7.653718	5.260365	7.162363	12.60041
CUST_28049_PI429010886	N57174	0.012322266	21	15						355.5754	329.8464	469.5128	355.324	328.2775	370.3281	310.4343	298.6917	351.5196	381.4494	220.9943	347.9094	413.9053	308.1912	294.6196	568.8248	367.876	517.0399	535.748	280.9343	451.2333	511.2321	433.1774	422.1689	351.343	293.7564	389.7239
CUST_6478_PI429010886	N20154	0.012343302	24	21	242017806	purine biosynthesis protein 6, pu	Metabolic process	Nucleobase-containing compound meta	8.46E-151	146.3365	521.6397	502.8105	306.0769	253.1207	97.80698	278.6422	226.6091	405.7918	229.3564	522.858	154.0154	500.9726	214.9733	322.9826	185.8563	414.8181	265.5849	593.3017	616.7748	796.2861	493.728	1106.912	1131.397	511.8036	272.0128	672.7456
CUST_31969_PI429010886	M2866	0.012346807	24	18						76.5464	130.8641	108.2696	80.30375	83.42667	73.16089	67.39104	95.64524	91.69645	82.9737	86.35128	91.96611	89.60857	84.61068	96.79055	84.6858	137.2351	128.9945	97.58001	101.9686	138.7489	82.19156	94.53661	97.99445	94.66861	78.783	119.2573
CUST_11762_PI429010886	N28358	0.012350059	24	3	82795527	arthrodial cuticle protein AMP16			1.09E-09	505.5201	225.7047	375.0062	629.6411	3177.941	2442.216	158.7144	997.2176	177.388	188.4169	1208.338	1255.327	163.2328	604.6962	988.9686	157.1984	49.55479	95.63382	18.40249	990.2906	41.38631	250.5828	405.1127	266.2866	13.88764	2197.153	112.683	
CUST_1094_PI429010886	N8475	0.012350059	24	3						93.02834	154.3027	131.8579	134.7853	179.0567	163.4024	80.03641	124.2323	124.991	94.25033	119.713	109.6493	93.16926	100.8435	102.6229	53.19546	171.8649	95.27189	61.49211	114.9771	101.7744	80.3791	119.7443	104.8565	66.54171	123.0024	128.5824	
CUST_42958_PI429010886	M61728	0.012366127	21	15	546680978	hypothetical protein D910_0849			1.94E-48	274.0413	329.6536	212.9726	363.297	264.3686	423.1563	560.4998	313.993	253.3528	483.7942	336.1378	354.9347	392.9019	317.2644	411.8854	901.0046	560.9756	763.5241	395.3057	186.2715	415.3144	286.3491	223.3777	332.2617	442.6514	419.0196	203.3258	
CUST_26325_PI429010886	N54055	0.01237269	18	9						52.77429	52.9338	56.60172	70.17999	78.65231	69.70354	70.82447	54.60623	67.04993	81.63425	73.11579	93.74241	84.74637	50.30283	38.51205	70.72448	64.61049	61.49909	69.75403	46.95394	54.41681	78.81049	30.9435	53.5836	84.51406	71.49082	70.7612	
CUST_36217_PI429010886	M15039	0.012380013	24	15	241829153	Ixodes scapularis traf2 and nck i	Protein metabolism	Cellular protein modification process	2.64E-86	60.91215	77.31152	51.41632	79.51886	67.2518	52.6471	53.82263	64.35228	45.67405	70.89953	43.79783	70.26755	83.74447	79.07026	60.86727	68.19401	90.44348	96.20921	64.50416	67.7048	81.35177	65.41169	76.02418	89.61931	67.85905	64.72689	65.01967	
CUST_19147_PI429010886	N41053	0.012380013	24	21						133.9146	104.8681	118.702	82.73518	83.69522	144.7781	91.72224	87.29938	148.2459	107.0195	113.9079	116.1062	90.7511	89.93986	66.97219	182.8511	101.1475	163.1045	200.83	102.411	110.9564	218.2926	137.8214	160.9374	203.4357	119.9264	183.2834	
CUST_48511_PI429010886	M80731	0.012391176	12	0						57.8894	55.80136	45.61863	56.44652	34.87559	35.62359	44.58117	27.47971	28.66752	40.67888	30.84927	33.0209	51.42014	48.06623	54.86291	38.37232	32.72715	50.29015	37.27834	47.24767	36.15638	44.13653	49.64751	31.87401	41.59303	44.78302	51.61367	
CUST_50020_PI429010886	M88284	0.012391176	12	0						104.2173	86.13364	87.06038	68.52496	46.57945	42.19985	49.42284	45.17758	48.60251	65.97782	46.52866	44.62591	86.85325	77.23272	87.51637	93.47893	49.39632	69.06046	43.79306	37.59336	50.74506	137.7481	67.54737	104.4062	65.95317	60.77638	80.5628	
CUST_32610_PI429010886	M4568	0.012392929	18	9						51.23064	67.75299	42.82003	47.23775	32.70464	40.43868	75.34564	61.13851	49.11012	49.42933	66.11318	71.49082	69.88293	53.5836	53.20126	46.43858	60.30614	55.6719	34.27395	45.39182	52.0293	30.53594	53.56818	56.20706	51.0346	55.31238	60.64674	
CUST_17978_PI429010886	N38938	0.012422863	24	3						187.8136	206.98	289.7381	254.618	186.9529	225.256	52.05686	181.4063	119.3727	149.578	79.94645	88.43455	116.7446	144.4328	102.8659	133.196	27.47449	109.9215	86.956	153.6189	106.5773	185.3668	131.9455	86.44935	214.0023	109.9768	119.8892	
CUST_21813_PI429010886	N45899	0.012437626	24	9						227.2807	25.91869	55.09974	258.7813	48.94611	211.185	226.5403	76.23852	71.59289	508.513	155.3804	73.15055	435.509	83.74447	102.2993	213.152	34.54334	136.2005	19.53794	50.13895	37.31263	16.50439	60.94991	52.58831	8.066527	70.332	38.73021	
CUST_2614_PI429010886	N12768	0.012454824	21	15	393827419	innexin 1 [Cancer borealis]	Signal transduction	Cell-cell signaling	1.7E-174	230.9748	256.1905	227.1085	195.2581	365.7666	309.7415	368.7015	307.6081	313.3524	343.7299	326.0747	364.4673	280.8283	277.4142	402.436	297.9139	193.0975	191.3515	369.9777	219.8777	239.0862	244.1329	217.7601	244.8395	259.2719	329.7868	
CUST_26907_PI429010886	N55102	0.012461199	24	12	395858607	PREDICTED: uncharacterized prc			2.33E-24	5.965489 NA		NA	7.040601	9.350524	7.172971 NA		NA	8.030713	10.70051	3.070047 NA		NA	9.528739	9.234299	10.00814	3.667791	11.49214	4.177755 NA		4.248874	5.06501	3.639661	4.307915	5.513814	5.524222	4.843669	7.410322	
CUST_46984_PI429010886	M74401	0.01246397	12	9						8.38931	5.230931 NA		5.860466	6.27007 NA		9.389205	9.798222	10.32476	14.54879	10.41528	12.70605	8.440387 NA		3.405836	15.84904	6.683325	12.13039	5.917822 NA			10.05788 NA		11.88037	22.37507	5.971284 NA		8.620448	
CUST_31828_PI429010886	M2510	0.012482613	24	15	48097764	PREDICTED: 26S proteasome non			2.26E-20	46.11508	36.74804	45.99276	35.48951	36.60452	35.85354	41.26235	32.71622	40.82014	45.78026	34.85461	57.55394	47.45891	35.43409	49.80766	55.76605	45.08105	63.15515	51.37499	40.75473	58.45199	54.73663	37.71641	48.53921	55.47226	36.68361	62.60527	
CUST_49061_PI429010886	M83857	0.012482613	24	21						97.87129	165.368	121.3126	99.74451	130.2882	127.8235	83.28215	147.043	121.9486	98.66873	144.1169	165.0676	107.7409	141.2055	161.4291	147.2411	142.9419	173.6995	178.8078	142.8448	174.0123	159.3992	160.4657	218.1148	157.1085	140.8381	197.0196	
CUST_25355_PI429010886	N52253	0.012484425	15	12						23.26403	38.2274	22.47797	17.57039	23.30296	19.02985	15.77285	10.21185	13.97433	25.3148	26.96013	25.04161	24.92561	19.70573	24.50769	20.48185	25.06319	19.97369	27.74851	19.0444		13.81	20.24017	17.81281	17.04105	27.05785	21.88915	32.38938	
CUST_41799_PI429010886	M58579	0.012492837	15	3						34.23772	33.87813	29.40141	80.09649	32.31005	38.98881	31.18062	36.6589	28.42566	28.82404	32.59982	28.79283	20.3727	32.00302	21.03678	27.29078	26.53512	36.14198	24.0804	37.42032	37.43476	36.34596	30.02506	27.90262	25.16714	22.43407	31.3587	
CUST_31301_PI429010886	M1168	0.012498855	21	15	321477760	hypothetical protein DAPPUDRA	Metabolic process	Cellular amino acid metabolic process		117.2637	210.6226	147.8633	101.3884	75.42049	120.2076	203.919	291.2685	247.8796	188.2922	117.7425	168.511	118.653	123.1089	111.6232	230.2547	338.2602	280.9977	167.564	184.7058	221.0264	114.6686	238.9099	110.5907	101.572	158.5985	136.4616	
CUST_75_PI429010886	N459	0.012498855	24	3						1114.294	34.3611	1227.762	1195.903	2873.993	1715.071	69.83801	281.8133	83.18277	248.4015	1593.454	1338.68	215.0091	1778.328	1363.035	23.27322	81.97833	55.38965	39.05628	213.0483	46.38013	322.5153	139.5452	185.2774	71.05641	436.2064	129.8158	
CUST_4614_PI429010886	N17137	0.012499552	24	15						1904.856	1338.68	306.279	1704.256	110.9089	1235.266	4031.99	6906.237	4875.223	4945.667	1087.147	1788.478	2498.654	2330.806	715.6987	9804.488	3921.719	8929.115	5322.868	4329.518	6041.324	2054.56	225.1699	1669.427	2620.241	968.7419	1514.569	
CUST_39906_PI429010886	M46634	0.012500386	12	0						222.5585	226.1282	314.6496	74.28032	44.94128	21.81628	109.3497	167.7963	172.4491	145.0362	161.754	74.14723	341.6702	54.43474	229.3564	83.93495	103.2732	124.6061	104.3181	124.3819	187.0484	252.7743	228.6642	207.1407	181.0813	49.89765	216.4739	
CUST_53228_PI429010886	M100831	0.012503096	24	21						253.8613	208.2068	246.5526	160.8732	208.404	183.6447	162.5329	174.6338	213.8259	196.3246	173.9842	239.2059	242.6247	181.8521	150.073	299.8648	215.9822	232.4149	324.4873	233.7667	239.642	337.6329	238.6215	234.2298	310.1796	257.956	337.6971	
CUST_45412_PI429010886	M69022	0.012503096	24	21						242.5407	375.415	317.1978	410.4537	326.5385	323.0951	373.7341	312.7556	297.188	359.0835	239.2427	412.9894	443.355	331.7259	100.2134	506.1561	467.9385	448.8304	510.5943	289.5149	510.7551	523.1285	459.5171	515.2465	565.179	303.6159	506.2756	
CUST_52563_PI429010886	M97963	0.012503096	24	21						238.4834	260.1465	371.5772	215.1868	233.4638	347.2002	200.7515	235.2412	273.6644	241.668	245.1933	282.172	223.053	260.3413	280.6399	479.3697	293.568	296.7459	499.3569	243.1406	313.9334	451.3395	277.4142	343.6496	493.4583	296.4601	286.2354	
CUST_1968_PI429010886	N11187	0.012503096	24	21						237.4902	170.9358	217.4288	153.6189	155.1663	96.62834	76.41348	114.0434	89.04608	380.83	113.622	312.1666	159.9495	118.3752	144.6203	112.3135	292.0796	130.752	409.7628	96.64158	357.4621	123.5992	430.3398	501.3701	121.0574	160.1108	156.2636	
CUST_3171_PI429010886	N13949	0.012503096	24	18	68349616	Marsupenaeus japonicus Ras-rel	Transport	Protein transport	2.96E-135	445.9579	827.5626	678.0803	537.4657	412.1414	405.5854	550.8269	574.7506	627.9112	608.6613	537.1828	501.7792	636.1587	512.3561	455.0731	678.3225	1061.158	807.6213	650.7176	689.0797	840.6574	457.0998	782.4300	709.4562	638.6943	582.1367	873.5747	
CUST_22265_PI429010886	N46715	0.012504432	24	3						36.14885	25.00404	35.93896	35.27538	30.48373	44.70348	35.57091	38.46589	29.55431	29.6741	41.42487	28.1833	31.8144	25.89606	23.4647	27.83542	23.8882	25.11323	26.58108	27.21875	21.1953	41.60531	10.0026	40.7125	28.56931	30.0974	44.0412	
CUST_3165_PI429010886	N13803	0.012525658	24	15	392348507	PREDICTED: zinc finger protein 7			4.79E-66	9.476085	26.08973	10.45447	4.456932	10.67194	6.028187	8.838822	10.30655	14.40903	7.032137	7.925431 NA		12.0429	11.86794	9.471206	12.82069	9.539472	12.82062	19.39438	14.02023	11.76598 NA		16.09389	6.970533	5.534998	10.0603	10.92142	
CUST_22001_PI429010886	N46239	0.012526892	18	3						220.5131	275.9079	361.6608	350.0691	296.6356	236.5379	151.0496	252.1994	154.177	257.0037	234.2298	293.095	217.8031	247.4344	290.2762	43.75819	212.0165	190.3661	164.741	280.3032	132.8026	350.9469	562.2603	588.9309	125.3559	523.0011	584.7373	
CUST_20536_PI429010886	M43624	0.012531423	21	18						31.93086	36.46097	42.52366	27.48515	23.06634	21.08201	26.70669	21.96464	22.87902	34.32123	35.34705	23.4616	26.99645	31.93086	18.20572	28.40807	44.00493	32.74097	35.24152	29.52588	60.98236	27.48515	23.51188	30.03767	23.1537	25.91577	36.90923	
CUST_47355_PI429010886	M75749	0.012533603	12	0						108.7311	87.31684	92.06463	62.53388	88.72914	54.16069	55.63371	68.82621	54.87487	85.85149	56.45276	108.2246	71.05641	59.10442	74.15901	57.16525	89.16759	56.70114	55.70902	48.81917	61.72867	85.89725	86.13364	48.88152	91.98987	83.0128	88.92336	
CUST_10947_PI429010886	N27033	0.012533603	12	0						112.963	60.89951	142.2138	80.99203	67.60011	25.63539	50.69492	32.62695	9.144684	68.41738	38.293	62.09609	91.32281	69.67842	122.754	13.7086	59.19241	38.12534	57.58975	58.78776	44.43314	117.6515	130.5329	75.99695	110.8559	31.25815	141.5813	
CUST_11302_PI429010886	N27589	0.012535046	15	9						19.67166	14.18326	23.59807	99.98511	20.95393 NA		8.825422	25.53483	37.32223	38.74481	21.00978	25.80525	60.97733	26.08621	21.7829	16.67961	19.12392	9.345975	37.50107	22.59279	33.14322	44.31359	55.68441	50.87686	52.48031	47.51827	86.01538	
CUST_53574_PI429010886	M102315	0.012559182	18	0						24.62171	12.40192	13.28376	10.6734	9.92008	15.66225	10.68195	5.591367	14.63182	6.911194	11.77271 NA		NA	9.45577	8.078793	6.86903 NA		7.18431	16.7995	37.34538	39.36946	5.889572	18.01938	14.78505	12.56325	9.728753	14.48202	
CUST_43526_PI429010886	M63277	0.012559254	15	0						84.04962	26.79132	77.99973	38.57897	38.89512	34.86224	29.9505	23.95576	24.36566	37.97184	31.69013	29.67188	34.40524	43.54271	32.94464	43.21465	35.99913	47.61057	55.26895	30.00811	21.67775	35.33768	25.05534	31.68069	30.88831	52.25815	34.76743	
CUST_35340_PI429010886	M12319	0.01257301	12	6						106.4444	129.4391	114.5807	113.5034	96.53451	109.207	162.2856	183.166	165.0194	155.2845	108.8478	131.3023	134.2321	114.5979	102.4481	158.5385	207.8778	154.2023	139.8319	122.8853	161.4291	90.45329	136.0891	128.3867	127.5275	107.0618	95.47293	
CUST_35738_PI429010886	M13355	0.012593999	24	6						12.20234	10.61964 NA		7.823808	5.455303	107.2833	10.43678	41.61011	45.20901 NA		8.402176	15.2887	10.78069	10.75042 NA		6.531481	12.52305	6.438537 NA		4.920386	5.644653	6.101511 NA		8.169501	10.35834	18.1529	9.575352	
CUST_38847_PI429010886	M31172	0.012598727	18	15	321473526	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	2.14E-20	2166.525	3069.207	2549.09	1624.639	763.8013	546.0695	1762.47	1141.401	2119.99	1614.735	448.2125	761.8025	1950.295	842.2205	1098.155	2983.608	3431.358	3516.69	3130.289	2014.653	2136.93	1779.656	545.4629	1184.477	3992.329	851.8736	2849.078	
CUST_49694_PI429010886	M86738	0.012611565	15	9						19.97115	15.14996	23.65361	20.88172	83.05204	42.84582	23.98408	21.06356	28.78701	30.7975	39.05992	67.7438	13.764	38.18197	26.05879	20.50662	15.90885	19.03459	21.0526	19.66181	23.02305	40.57158	30.98189	23.86079	17.52792	34.33958	38.7383	
CUST_19041_PI429010886	N40884	0.012620972	24	18	321456174	hypothetical protein DAPPUDRA	Signal transduction	Other	1.4E-16	21.97462	25.02711	15.94333	18.65093	22.50019	14.64996	26.82917	35.21621	29.75114	17.59048	12.79751	12.33606	14.12309	16.47719	16.90269	36.12859	28.01303	32.29221	39.94084	37.76079	38.13279	30.8995	21.96464	19.77172	35.4224	17.42012	25.48121	
CUST_19705_PI429010886	N42042	0.012630523	21	15						83.45736	76.7295	82.40323	47.18539	32.83487	26.92179	74.34865	100.2134	120.6989	96.55775	68.26223	72.36965	89.23195	55.22014	64.00415	80.41026	110.1161	162.6959	67.3975	47.46533	59.09838	114.4006	69.86685	88.71852	43.41187	43.98563	58.39443	
CUST_40416_PI429010886	M55020	0.012638028	21	9						20.61709	40.991	23.91545	43.53457	32.55747	39.99078	47.85839	28.60128	46.1952	53.19546	30.36962	40.99664	48.6216	31.59758	42.40452	52.61041	42.43675	42.27337	27.48873	22.38538	43.19513	26.01047	30.84327	24.51979	46.22711	27.59053	43.31704	
CUST_19189_PI429010886	N41836	0.012639961	24	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_25056_PI429010886	N51706	0.01287222	18	15						26.30955	68.54356	44.9217	41.07927	25.39051	30.02053	33.18845	48.59053	43.12031	28.4735	34.03486	22.23439	34.15718	41.99895	28.17546	57.30682	59.39503	61.31764	39.90127	42.04361	37.93869	30.26815	38.39581	36.8828	32.33684	35.96302	36.64741
CUST_2709_PI429010886	N12956	0.01287474	24	18	321466698	hypothetical protein DAPPUDRA			1.35E-41	6.232148	22.9969	16.51333	5.156021	8.878239	3.70239	8.649765	14.12473	10.83697	4.033349	10.74743	6.045196	4.284906	15.36528	10.31236	10.9325	17.00862	20.63115	9.838142	23.2664	28.5784	15.58431	10.60141	16.80142	14.43997	17.62376	16.26708
CUST_28357_PI429010886	N57795	0.01287635	18	0	290792704	nitric oxide synthase [Litopenaeu	Metabolic process	Other	7.49E-23	27.53743	11.3139	25.64005	15.00826	7.907113	6.706445	6.071811	12.8517	7.782145	NA	6.385639	13.49776	12.88445	11.25075	8.887381	11.1375	14.1426	15.9565	14.02697	29.38788	39.80982	24.92085	3.966136	5.741944	11.58143	4.42489	13.69119
CUST_28674_PI429010886	N58406	0.01291782	24	15						75.95975	72.30895	60.69474	64.67753	66.76294	49.1413	76.53128	70.90586	64.69656	94.60841	55.2321	92.12733	90.57569	44.89359	88.37671	94.38205	92.75983	108.9127	96.17648	53.66051	86.11117	67.25975	52.33755	89.67162	83.05204	66.72007	77.32154
CUST_13021_PI429010886	N30453	0.01293535	18	15						134.5227	216.9684	243.9595	158.5618	176.5278	143.3201	138.5257	200.1541	169.8826	168.511	104.4886	160.1938	193.5276	124.9059	142.7074	179.7279	316.2435	271.9604	175.4589	237.4902	233.1818	147.2139	228.9535	169.0416	204.8443	131.3179	132.4149
CUST_49343_PI429010886	M85273	0.01292632	21	0						19.9833	17.50753	18.1573	16.79206	11.10457	9.149353	8.084291	6.576754	15.42768	12.30677	NA		8.648652	14.42489	9.647611	3.385856	17.58246	18.77257	13.19225	14.73062	20.46917	13.13946	11.81016	17.57495	15.67014	21.7119	12.83052	14.52682
CUST_828_PI429010886	N7437	0.01294523	18	15	321459544	hypothetical protein DAPPUDRA			1.24E-49	1408.778	5476.032	1842.758	1745.528	350.8666	1056.414	5015.024	2564.444	3064.959	4291.944	1719.004	1620.506	2742.804	2225.697	1543.849	6854.464	8417.477	7785.133	3179.907	1227.762	2968.824	2181.465	1444.952	2005.153	4086.34	2593.566	1639.362
CUST_56201_PI429010886	M113088	0.01296085	12	6						56938.34	55277.47	35157.95	72794.71	53496.25	55277.47	67856.09	66456.69	82051.33	62699.58	40915.77	37632.98	63245.57	58747.16	33963.44	73758.94	57775.61	62215.85	72794.71	69178.17	71692.31	61768.02	34877.59	62215.85	60302.68	43701.56	56938.34
CUST_17938_PI429010886	N38867	0.01296356	24	0	321456733	hypothetical protein DAPPUDRA			9.81E-29	28.16647	34.04952	37.74193	35.7936	20.47681	21.93896	24.70036	33.17685	32.33684	16.66408	21.48061	13.94414	23.73245	23.01193	20.21346	36.6656	42.70334	17.94352	30.10418	24.73755	35.02813	26.37524	33.05472	30.32287	36.61091	34.22791	24.52594
CUST_32037_PI429010886	M3069	0.01297162	24	21	546679138	hypothetical protein D910_0700			1.01E-148	22.66351	22.38325	56.48171	19.8408	28.54797	23.6825	17.47317	22.53181	22.38744	24.68878	23.85395	27.76693	19.69655	15.54182	27.20944	33.43295	31.66129	35.47011	35.72049	22.30617	23.8475	45.00194	31.09966	33.88276	38.48559	29.97997	36.97455
CUST_39135_PI429010886	M35032	0.01297162	24	18						2722.979	6791.114	4093.741	2125.115	1908.561	1650.878	4270.698	3584.754	4548.63	3277.985	2095.253	2477.377	3269.912	2602.477	2201.915	3310.069	5304.997	5769.472	4392.913	4427.539	6533.018	2605.771	3286.945	3215.844	4334.63	2708.146	4145.789
CUST_6534_PI429010886	N20226	0.01297162	24	18	270007790	hypothetical protein TcasGA2_T			8.43E-79	98.79304	162.9942	124.0306	103.4755	77.47208	81.70379	105.4796	132.9661	139.0252	119.4159	100.315	134.7613	129.2573	106.365	103.8143	119.1399	156.2107	172.0135	128.7652	148.3838	173.1388	134.8435	141.8433	167.7963	144.2213	128.1449	170.9358
CUST_8768_PI429010886	N23558	0.01297162	24	3						56.8039	44.40911	58.67768	46.9602	124.2958	83.78528	42.9709	49.08691	34.8722	23.89577	85.95962	102.8149	38.16041	69.99598	63.92344	38.73021	37.34896	34.67259	27.70822	43.66648	23.32566	42.98811	29.09105	45.23287	32.56737	53.09948	35.49229
CUST_22652_PI429010886	N47403	0.01297162	24	18						25.71638	43.13077	34.99184	28.24828	30.36962	23.40563	30.32915	42.49657	28.87751	29.22014	43.51485	30.05953	34.76331	30.63675	33.29588	54.42945	33.3337	36.47269	51.22586	36.63348	35.38735	33.91504	34.37978	38.52068	48.78916	32.98204	53.66499
CUST_56061_PI429010886	M112656	0.01298647	24	0	321478408	hypothetical protein DAPPUDRA	Transport	Ion transport	2.78E-88	306.8476	391.8616	321.3471	279.5075	291.198	273.0279	228.1333	272.7395	304.4972	297.1434	343.5695	285.0842	275.7847	270.8095	308.8707	272.9604	363.297	316.2911	272.0606	306.3603	277.7202	333.2833	381.849	393.1863	365.0376	406.9392	563.4896
CUST_42105_PI429010886	M59408	0.01299125	18	15						84.87009	101.3719	96.59602	109.6178	71.80743	67.94466	95.57738	75.22773	82.54409	100.1918	88.97825	78.69416	110.4898	69.29751	83.67777	105.442	105.3437	117.7425	88.53491	89.86465	96.89897	75.59966	74.72923	75.58044	96.73368	81.4132	113.9812
CUST_44125_PI429010886	M65006	0.01301323	15	0			Transport	Transmembrane transport		15.77285	11.55337	20.2155	25.39952	11.04247	63.23529	10.98592	14.61522	7.333794	19.78273	12.6579	12.28481	22.54151	3.916503	17.68234	28.31587	25.26406	20.80025	12.41811	12.42618	15.58166	11.87749	6.817435	8.684295	9.140908	12.69014	19.31397
CUST_310_PI429010886	N3767	0.01301784	18	12	3907619	Penaeus monodon actin 1 (act1)				64.94907	13.50832	30.81577	23.29521	13.31994	22.45935	13.28096	24.07754	8.645163	NA	9.217287	5.202657	89.3399	108.1577	NA	30.3404	78.07876	60.30099	50.58863	85.3597	99.30177	NA	3.575449	NA	NA	NA	NA
CUST_6301_PI429010886	M19690	0.01302079	15	0			Metabolic process	Cellular amino acid metabolic process		21.74943	58.80984	51.00867	40.20755	56.64171	37.12911	37.88233	43.33538	35.73797	37.60367	27.83033	27.68431	27.69944	23.21635	31.83424	42.75074	57.14912	47.90004	38.67879	50.22	42.38319	32.77954	44.50237	40.11852	35.34041	39.17612	36.1598
CUST_35485_PI429010886	M12690	0.01302247	15	6						2580.628	1910.884	2948.008	1354.32	1071.939	1680.655	3426.429	3179.907	6799.146	3847.793	2954.482	2922.057	5456.239	2228.732	3835.495	1326.216	855.5436	2379.92	709.9527	1688.167	2455.967	2978.418	5329.024	5032.372	3082.237	2224.156	4885.181
CUST_14044_PI429010886	N32234	0.01302533	18	9						3.574738	5.74117	5.762763	21.65484	7.958428	7.189279	112.5544	5.874713	92.60339	30.16583	10.30511	25.34302	44.77327	8.962349	61.06467	11.49555 NA		8.959857	8.009934	4.552592	11.09797	26.19566	10.99723	11.98667	13.35744	5.333703	15.4109
CUST_4337_PI429010886	N16535	0.01303426	21	15						7.537524	NA	8.11425	4.706457	NA	4.904795	9.844862	NA	10.12016	NA	8.060296	9.534814	14.76924	NA	9.625637	8.506507	22.54343	10.9534	12.06381	5.665078	9.645129	18.53166	10.94861	NA	7.662672	8.295728	5.605713
CUST_5414_PI429010886	N18669	0.01304997	24	15	260790497	hypothetical protein BRAFLDRAF	Metabolic process	Nucleobase-containing compound met		104.0463	149.3002	146.2607	75.61315	82.25472	89.86465	144.8055	116.7583	133.7558	117.1717	101.3884	97.3611	106.7424	87.70118	115.4302	135.6848	188.7958	199.2487	152.8709	119.2442	170.1396	138.5257	107.5789	154.3725	129.4391	81.55186	184.2288
CUST_51614_PI429010886	M94232	0.01304570 8	15	0						40.634	31.37822	NA	23.70418	NA	24.08726	28.27902	12.60565	16.41767	NA	NA	NA	8.084291	23.85867	12.50303	63.0922	25.48121	53.72417	44.99422	4.12101	29.39363	7.085828	7.187709	NA	13.4773	10.18184	NA
CUST_26966_PI429010886	N55196	0.01307124	18	12						8.246623	0.010934	3.930033	4.44137	NA	4.074046	5.758808	6.794495	11.73235	9.810166	8.28049	10.81711	12.79123	9.155794	16.88729	4.279633 NA		12.34025	3.534327	13.54908	15.04687 NA		5.270725 NA		6.570223	4.749956	9.524903
CUST_24184_PI429010886	N50189	0.01307798	24	3						51.22586	33.10297	NA	32.22297	123.305	79.74416	45.94141	13.96585	53.90529	13.31009	42.90092	47.44242	7.514308	43.27193	30.01509	44.90938	39.79966	5.111708	7.831289	26.40151	12.16843	12.85905	12.84199	7.030628 NA		42.30272 NA	
CUST_25538_PI429010886	N52593	0.01309210	15	12						17.30194	9.405457	17.01558	11.79624	23.74852	12.1699	12.60565	15.15744	14.91599	11.77966	25.48121	16.16065	24.62171	20.32715	22.43976	16.49344	23.4616	14.9436	10.9183	10.33559	11.97918	4.188537	11.06316	14.96903	12.8105	14.72662	15.87729
CUST_1716_PI429010886	N10515	0.01309228	18	12	270015067	hypothetical protein TcasGA2_T	Metabolic process	Oxidation-reduction process	4.39E-80	34.75367	49.50343	43.24994	48.43927	32.13989	28.11335	59.79025	50.04692	59.01526	52.19714	50.57582	35.10272	72.06126	56.21355	49.63757	41.95534	34.99565	49.37308	41.76732	53.09948	75.82447	28.53195	41.67619	38.48209	36.92118	38.48962	44.46588
CUST_1872_PI429010886	N10927	0.01309409	24	3						1971.443	345.1684	1913.068	2020.363	4450.275	2952.044	335.8993	1370.424	357.0377	312.1009	2395.468	3289.37	197.1967	2125.115	2171.504	258.8256	142.8045	81.49613	135.5781	690.7831	121.6909	669.7814	162.9278	621.9301	33.50527	663.1483	30.54671
CUST_47560_PI429010886	M76608	0.01310313	12	0						312.8962	33.74242	252.8481	300.4274	73.69276	211.4099	31.01416	15.75178	32.43254	147.9373	65.69029	117.8103	314.6496	110.45	257.7274	50.53473	32.65194	53.73825	27.63116	23.76085	20.1058	412.0092	141.9381	302.0716	60.4658	58.72904	91.46995
CUST_15073_PI429010886	N33964	0.01310313	12	0						22.20311	18.28134	36.61868	25.34518	21.48216	18.85511	13.14676	13.91642	11.97624	19.35535	18.06696	22.2879	19.00985	20.17748	24.24843	19.91817	15.21327	13.86535	16.80772	15.61685	16.4789	13.75076	22.52975	17.33156	20.57756	17.78324	18.74591
CUST_41350_PI429010886	M57524	0.01310366	24	21	356651196	heat shock protein 21 [Macrobra			1.35E-14	81.5975	90.41336	103.5895	67.00003	71.24846	90.05411	55.2321	79.82778	70.5683	74.63974	69.66595	103.2365	64.54817	78.26455	70.91565	108.1394	92.47181	111.4813	84.73544	62.09142	76.67528	99.98511	92.50275	124.8368	88.52477	78.84424	80.8714
CUST_42692_PI429010886	M60985	0.01312561	24	15						16.61523	30.63415	28.35837	35.64607	24.56549	40.23235	38.25388	33.07479	33.06699	45.90076	30.33619	43.64157	35.84878	31.09316	32.03897	39.63021	48.91526	46.47246	19.09012	24.84514	34.81487	42.25498	26.2902	34.82552	19.73975	32.45769	25.67959
CUST_45595_PI429010886	M69613	0.01312561	24	15						42.78489	27.11349	27.87026	37.51953	41.85107	34.60522	69.71083	35.18743	54.96965	38.46213	38.56693	34.19123	38.04561	57.9144	36.43974	78.57224	45.67933	41.92879	86.8615	25.9357	59.29331	25.95809	60.68646	44.83771	18.27698	22.4679	18.20374
CUST_37125_PI429010886	M11932	0.01312825	24	18						109.842	195.6289	216.124	78.8424	87.99932	68.36093	122.8685	237.2821	242.1802	118.1715	119.6713	97.12878	191.823	199.718	170.6659	194.9099	196.6998	175.3105	63.80586	41.1635	62.95202	115.0907	157.2367	150.0573	84.43749	173.8475	251.9129
CUST_10121_PI429010886	N25730	0.01312825	24	21						56.77661	42.64365	60.80757	67.21667	57.24189	37.84156	19.11201	22.39225	36.00017	45.16793	25.08941	59.77062	56.70114	43.78502	62.38786	62.28036	51.30809	47.51105	63.80586	41.1635	62.95202	75.09797	30.41006	68.47465	48.02051	38.12224	79.0221
CUST_10996_PI429010886	N27103	0.01312825	24	21						62.29516	53.22588	56.87317	55.11762	50.41173	52.17564	52.03911	41.54672	47.40679	70.14108	48.95167	48.80597	59.11174	40.19489	59.17675	65.64875	61.2068	61.24535	48.8281	44.74502	51.57473	67.53847	68.37633	66.88415	70.15908	57.24189	74.95343
CUST_25910_PI429010886	N53284	0.01312825	24	3	546675596	hypothetical protein D910_0416			1.98E-15	25.30132	17.47501	13.08835	35.4224	40.96379	32.16999	21.79222	7.240266	8.692858	24.59592	23.94374	23.21362	24.09713	27.18132	16.55821	18.73028	30.89131	11.26538	12.47033	9.605488	15.65667	18.78483	16.18532	17.10849	19.55672	22.36969	27.30572
CUST_30015_PI429010886	N61005	0.01312825	24	18						261.6417	342.1248	345.3559	309.9865	244.3561	247.9236	347.9094	300.7552	333.5586	327.3332	268.2532	318.2644	362.0388	256.0953	294.3326	336.8769	375.3353	395.794	350.5162	355.4873	424.3124	320.1071	338.4518	404.6157	388.6637	346.1134	524.9759
CUST_53128_PI429010886	M100321	0.01312858	24	9						27.7582	18.06134	17.50536	28.84569	20.03497	14.31897	24.83681	20.42168	18.38358	21.44482	21.48961	25.56181	29.87961	19.16983	18.47386	14.03865	17.25852	17.73086	19.18875	11.85566	15.65079	14.47877	14.30221	17.72282	9.715358	15.44438	16.26288
CUST_38883_PI429010886	M31592	0.01312858	24	15						2393.197	3441.376	2844.645	2747.205	1819.509	1754.468	3728.752	2811.043	2761.678	2652.405	2053.392	2666.243	2816.959	2554.596	2480.784	3415.242	3683.886	3467.123	3546.981	3470.741	2532.427	3336.354	2765.552	3331.869	2650.032	2174.954	3033.527
CUST_25911_PI429010886	N53285	0.01312858	24	15	242022418	heat containing protein, putativ			1.01E-11	86.09864	90.62398	84.88526	54.93619	48.74364	55.84882	66.70374	70.16535	79.82778	93.8595	61.82712	80.93024	88.96871	72.5147	85.14751	116.8305	90.36229	94.34203	114.7972	59.19847	77.51144	118.702	64.89736	84.69767	124.1583	60.02726	98.98816
CUST_55942_PI429010886	M112226	0.01312858	12	18						66.17651	48.2227	66.54894	54.67195	72.21507	56.52874	50.4056	61.01777	53.53275	51.7172	119.5461	114.4851	77.08874	91.72224	123.988	82.21745	56.26482	64.70441	51.83065	43.69757	99.53837	61.4292	42.92276	61.07789	46.2714	44.19365	50.33133
CUST_36559_PI429010886	M16233	0.01313026	24	9						435.8605	284.4024	470.2656	344.2242	300.1105	382.9427	361.4106	226.5718	383.7931	637.6043	229.7477	546.8689	381.0871	338.1914	376.2092	285.6412	237.5415	284.9168	319.8754	202.1456	220.3217	233.7667	172.6519	223.3238	281.2628	343.5695	232.3662
CUST_43467_PI429010886	M63131	0.01313266	21	0						147.2992	67.77134	128.5506	50.46073	47.11911	50.40096	51.94695	43.89958	43.84747	53.88747	46.0486	65.35932	64.40257	42.84582	56.61772	71.12138	49.50741	50.0131	87.98812	56.89319	63.12641	94.33013	44.71461	66.95538	80.89811	47.39234	71.91459
CUST_31677_PI429010886	M2148	0.01314212	24	18						721.6825	708.4537	765.1767	591.4732	691.8963	537.7378	725.1557	721.9277	996.7263	430.8354	544.0973	522.1886	765.7762	848.7243	671.5725	599.8602	609.6218	763.8013	1016.824	972.8403	1223.646	719.7217	597.4035	813.7492	782.4302	547.5307	1049.045
CUST_34544_PI429010886	M9977	0.01314212	24	18						751.2377	698.717	925.9054	660.1893	782.6486	609.8498	826.1267	747.5407	1020.798	512.7881	679.224	737.5198	997.6033	834.7743	692.3061	583.1603	820.3087	826.1267	1096.577	999.5752	1220.331	918.4461	814.0506	896.2629	866.3088	624.5971	1043.605
CUST_54994_PI429010886	M108354	0.01314519	15	0	391346464	PREDICTED: myosin heavy chain			3.25E-20	28.80996	30.6586	35.23063	30.89721	39.7958	15.98138	13.70444	38.55172	17.5656	11.91866	22.81652	25.0443	19.70046	27.77009	31.77803	33.55276	53.63076	33.79728	15.82041	19.9436	51.86305	22.78318	18.05364	4.077908	24.46253	20.54806	31.12893
CUST_16813_PI429010886	N36909	0.01314519	15	9						248.2232	329.3072	379.4005	253.3528	292.8189	235.3802	195.082	317.9491	272.901	293.6993	372.4691	324.9732	317.3631	311.8576	335.8993	258.4078	357.3731	286.2998	284.6794	297.3675	273.5066	306.279	254.3715	281.1928	374.7855	356.6938	436.0075
CUST_21376_PI429010886	N45105	0.01314519	15	9						124.9756	127.633	179.3306	127.2209	153.1388	123.1089	103.2365	133.8844	142.6458	130.3114	174.6626	157.7159	130.1528	137.4424	177.4189	128.0468	146.7827	131.274	107.9667	143.4863	117.8323	134.5227	151.0262	138.1892	162.7885	197.2974	191.9474
CUST_38402_PI429010886	M26281	0.01314756	18	15	9367086	Euphausia superba large subunit			2.98E-175	117.9775	7.964923	72.5637	73.81857	82.51294	69.69671	NA	4.830349	5.60961	43.31181	48.5966	94.12797	27.2558	56.52329	68.59824	NA	NA	NA	NA	NA	27.19864	31.48667	44.49911	6.772005	24.14564	27.3201
CUST_19896_PI429010886	M42406	0.01318227	21	18						258.2813	301.4388	330.8653	242.3379	222.4375	230.2674	264.9858	282.6016	241.7527	254.4938	196.1132	254.714	266.8703	191.9474	177.4557	199.2455	207.8099	283.1093	379.9317	353.0253	290.5678	398.3249	270.6262	297.6738	364.9578	247.6563	248.5524
CUST_7810_PI429010886	N22117	0.01318545	12	3	459175521	PREDICTED: beta-hexosaminidase	Metabolic process	Carbohydrate metabolic process	2.53E-99	15.2887	41.79921	28.77495	57.49102	40.16189	55.60957	37.18271	40.99989	25.6877	21.2447	202.4277	41.32674	9.015243	28.28966	13.26377	59.25874	148.9148	153.6425	60.30614	106.1184	159.8736	14.23996	40.99989	18.96527	29.27204	23.50114	23.27971
CUST_34588_PI429010886	M10089	0.01319111	18	15	321457051	hypothetical protein DAPPUDRA			2.92E-43	16.52701	17.28788 NA		17.62807	3.191967	21.87085	20.2926	31.38832	6.95828	31.77537	9.207701	8.183217	15.4594	14.0887	18.82044	46.9602	41.44302	33.42941	16.44032	7.122688	17.18362	5.742729	3.662016	6.53016	29.28594	23.81043	8.378958
CUST_3637_PI429010886	N14939	0.01319826	15	6						906.4938	365.7666	1209.443	1265.098	833.2103	72.17918	748.1962	1249.87	2068.831	533.5339	882.793	362.2694	1381.205	601.9971	205.0181	121.6909	86.19309	182.9809	988.0134	802.754	742.7432	1974.35	1897.754	944.508	1127.159	247.8341	1458.832
CUST_5493_PI429010886	N18774	0.01321281	21	18	57525634	nuclear pore complex protein Nt	Transport	Protein transport	9.58E-126	57.41489	131.1039	94.28531	71.09432	79.43494	55.46697	91.6033	75.98892	94.1914	84.00818	102.222	75.76283	111.9372	80.74224	66.30335	76.30002	109.1085	96.27921	95.39909	114.3003	105.5272	89.86465	101.2809	78.85311	53.8169	83.79749	85.75696
CUST_18095_PI429010886	N39131	0.01322515	12	0	91078850	PREDICTED: similar to tan CG12			2.48E-26	12.01781	8.616008	12.74437	6.861282	9.00236	13.15346	3.960862	5.14946 NA		11.06604 NA		11.55626	10.33053	10.07727	19.08766	13.91758	10.10725	11.07815	8.232598	8.317068	4.289475	17.43476	4.893177	13.7591	23.30496	12.3169	24.6974
CUST_37380_PI429010886	M18841	0.01322743	24	18	478503308	PREDICTED: Ceratotherium simu				340.5595	696.3331	602.5729	403.4693	459.1993	309.9865	358.5218	563.6439	477.9381	432.6388	445.7269	370.5351	504.201	475.8315	394.5922	419.7244	611.3316	514.7289	531.8423	617.7634	621.441	537.7378	452.0404	574.0759	369.9777	525.9937	407.1156
CUST_31452_PI429010886	M1554	0.01323388	18	12	388523609	glutathione s-transferase d1 [Cr			1.88E-40	61.19974	13.58386	18.9004	4.93131	19.6697	8.876488	9.969471 NA		9.590111 NA		30.38583	21.65945 NA			34.74153	33.82382 NA		44.594	9.600991	20.66527	28.10987	18.98812	6.3219	17.26114	13.12827	8.852776	14.5111	18.52811
CUST_19878_PI429010886	N42370	0.01324518	15	12						40.48248	77.33923	27.3523	22.02084	19.61413	28.70626	28.55984	36.46888	36.8117	47.70295	24.22486	41.09779	43.8296	18.16767	43.126	40.3254	43.00754	77.69968	34.75696	7.933892	18.83693	29.37527	19.60068	37.7689	37.69532	47.80868	42.66588
CUST_5874_PI429010886	N19320	0.01325940	21	15	91085789	PREDICTED: similar to CG11418			8.31E-74	16.23895	37.3305	31.6335	23.43732	19.97953	21.0756	29.37844	42.27337	14.38486	34.39364	26.68521	25.3148	36.21981	41.18704	21.42365	32.81904	35.99005	57.42169	36.54707	8.93938	31.65828	29.83087	18.23431	29.95632	25.65087	16.29695	9.294827
CUST_36579_PI429010886	M16283	0.01328439	24	3						61.15687	55.40921	41.29878	57.30682	93.51275	64.91949	54.79166	45.26359	58.05044	44.42841	56.48171	76.53128	66.73428	68.08811	48.99934	44.83771	42.53392	50.80319	37.74193	45.76721	37.56673	55.0756	45.38696	56.97506	43.11409	53.02213	43.88384
CUST_50260_PI429010886	M89214	0.01328439	24	3						70.93399	56.38972	50.59319	79.83656	212.6443	165.3867	57.39387	58.69436	37.20362	30.28156	138.8443	97.69073	28.42265	174.857	152.3548	64.30529	51.12885	36.71863	22.87315	33.51959	29.09105	27.57725	46.1196	23.20404	30.43314	45.64087	14.44521
CUST_2622_PI429010886	N12779	0.01328439	24	21	15425681	I-connectin [Procambarus clarkii			2.17E-113	82.95322	83.14687	88.77171	83.59122	91.6714	92.78173	72.27956	75.55461	71.65566	73.86844	67.10107	105.4159	81.44134	95.48478	95.11745	101.3206	88.65754	150.073	107.509	69.4807	101.7482	101.3719	97.14951	113.92	91.11591	85.60411	102.0776
CUST_14076_PI429010886	N32287	0.01328439	24	18						118.0597	137.6772	206.5859	45.22389	18.33289	14.01914	96.99292	251.3401	236.5379	155.0166	243.0247	157.9287	70.94231	33.87813	89.54662	244.0026	208.2068	309.878	456.7205	167.0371	211.3027	260.798	250.1769	27.5259	296.2664	
CUST_25031_PI429010886	N51664	0.01328439	24	18						142.5991	264.9542	255.6336	128.797	164.5889	158.4455	223.4224	265.9313	235.4891	296.6356	185.3999	256.4943	188.6256	139.3356	171.6359	340.4211	239.5846	332.3383	378.3539	309.2795	355.4873	381.5915	239.2973	330.3379	414.4128	273.9926	400.4361
CUST_35061_PI429010886	M114579	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_5185_PI429010886	N18371	0.013557372	24	15	345494023 PREDICTED: Nasonia vitripennis		Transport	Protein transport	3.33E-104	130.0637	193.0271	149.533	119.1547	97.82425	131.4508	145.8669	154.9154	145.3183	149.1062	114.9651	131.2008	170.246	150.1608	141.0554	207.9018	203.8839	188.7958	153.3375	121.9035	151.8271	126.1993	149.3939	152.5572	167.261	152.2628	158.224
CUST_5431_PI429010886	N18692	0.013558889	21	18	241601186	aldehyde dehydrogenase, putati	Metabolic process	Cellular amino acid metabolic process		378.6955	633.9987	497.9545	449.8865	397.7869	385.6874	493.2216	545.5749	470.2656	389.053	383.67	393.6626	364.8648	430.2082	356.1688	504.3232	659.0035	630.7177	517.6361	594.442	698.9223	456.7205	565.0242	608.6613	396.2592	509.7706	675.5044
CUST_5709_PI429010886	N19079	0.013573849	24	15			Metabolic process	Carbohydrate metabolic process		75.7341	22.93309	43.52338	33.14322	35.72473	25.90137	34.30192	21.67109	31.12893	50.47099	25.44962	27.39507	27.50901	18.93459	22.6604	23.42467	13.5245	19.48546	32.35917	21.31047	13.72761	42.54185	12.15207			
CUST_30865_PI429010886	M48	0.013579984	21	15						72.26194	99.30177	85.34679	74.85952	107.1698	107.7788	90.88256	96.89897	96.71855	76.80903	131.9455	101.0722	106.9403	118.8271	119.9092	143.4863	127.9862	121.4836	88.70868	97.16144	97.82425	68.22331	101.8747	82.3809	132.7314	109.5906	103.07
CUST_20796_PI429010886	N44067	0.01358334	24	12						92.37878	47.48311	35.0396	113.23	67.00003	65.28656	92.30682	74.37918	62.25184	153.7672	59.43294	66.39483	106.1034	73.64351	66.76294	66.31625	74.58857	89.00153	42.76535	69.06046	70.0874	48.58376	59.27468	51.57473	55.63371	61.13851	54.33188
CUST_54723_PI429010886	N107323	0.013584952	24	6						113.7264	135.0024	66.52473	125.7435	184.5044	201.1205	183.7819	134.1808	134.6822	132.3608	139.9464	158.7144	128.9945	145.1769	115.2322	194.1489	124.5255	178.0606	91.4929	107.0748	99.83532	102.411	101.6124	85.43893	115.0343	186.2715	68.21622
CUST_16424_PI429010886	N36215	0.013591743	21	15						8.041645	8.179712	8.963971	7.02166	NA	6.251438	12.18092	3.85351	4.582875	4.76901	5.6288	5.769843	NA	3.198189	NA	11.4924	10.1847	10.55458	10.48413	NA	6.62579	7.282372	NA	8.276959	8.1002	6.487467	NA
CUST_9061_PI429010886	N24003	0.013597117	24	18						433.1774	581.4931	583.7299	592.215	388.156	502.0555	595.447	431.6201	687.0247	545.361	527.7959	481.8774	714.9939	505.6819	573.6451	608.1132	580.31	685.082	723.3991	651.0737	832.328	628.502	637.9796	750.0607	879.5119	520.1918	774.5071
CUST_16538_PI429010886	N36427	0.013597117	24	18						49.364	90.00835	72.96939	69.17285	25.67187	23.69696	106.1034	66.22157	96.44195	82.84289	48.32509	57.74381	86.80106	43.42121	40.082	107.2724	128.3485	121.0252	129.5849	112.6108	165.4776	67.20874	67.63278	119.6201	131.2008	92.69475	157.2999
CUST_29553_PI429010886	N60094	0.013597117	24	21	549834	RecName: Full=Zinc finger Y-chr	Nucleic acid metabolism	Regulation of gene expression	2.16E-09	17.13499	10.91685	13.60934	22.80766	8.312327	10.45873	17.72698	7.827649	13.12104	15.27129	11.91333	28.51273	8.544323	19.06321	15.62701	19.61789	16.29695	19.78002	19.03648	18.35004	22.905	28.86811	19.69443	21.28674	25.44274	14.61522	27.10146	
CUST_29849_PI429010886	N60685	0.013598206	15	6						11.10164	11.04387	11.68057	17.5656	5.616552	9.504797	NA	17.20391	17.95932	17.58375	10.67743	24.83403	17.79556	6.503133	14.96491	7.377947	4.405558	10.4666	24.51492	16.68577	33.17685	28.5784	17.59422	28.93158	43.65579	12.50469	30.00507	
CUST_53829_PI429010886	M103353	0.013602731	24	15						1940.134	1916.926	1850.533	2017.363	1586.354	1692.044	2027.732	1579.509	1490.226	2384.985	1509.889	1859.635	2487.704	1513.287	1269.337	2853.1	2338.958	2631.802	2184.345	1901.421	2367.057	2179.188	1666.955	2136.93	2361.017	2130.512	2447.506	
CUST_41384_PI429010886	M57598	0.013609959	18	15						135.0731	194.1916	167.5398	137.5078	125.679	141.7704	198.0524	179.8173	168.7955	181.1959	165.0194	146.9973	181.9587	136.0737	188.1589	195.3485	242.7465	216.4424	158.3229	152.1662	187.6789	164.7136	170.1972	158.6164	188.6256	180.7516	187.4404	
CUST_11381_PI429010886	N27722	0.013616573	24	18						261.1993	359.943	245.3707	311.055	245.1008	291.0948	404.1681	267.7885	296.6356	302.5618	266.7409	271.1207	444.3539	252.0561	279.9265	364.2049	328.6362	394.7866	463.3449	397.0876	483.5315	348.473	467.5708	344.0704	376.9694	324.0982	511.2321	
CUST_13559_PI429010886	N31379	0.013616573	24	15						17.49425	28.19237	25.91869	21.25376	13.26584	9.066919	8.739672	16.20353	29.24902	32.90888	14.38342	37.83455	20.24396	21.3518	22.43161	38.78289	36.01668	31.08617	33.6303	23.19392	20.2757	34.60522	19.07869	29.59163	38.54386	17.90158	30.01166	
CUST_16298_PI429010886	N35997	0.013618468	15	9						4.246772	16.9505	16.49866	7.119344	6.790621	7.399935	13.21801	5.521695	12.91333	9.886318	29.56665	33.16469	9.491244	10.40818	22.51109	13.82584	34.67259	29.11025	6.566709	16.95871	8.452888	21.66483	21.39782	18.5449	18.00685	35.90614	34.56666	
CUST_10762_PI429010886	N26748	0.013622673	21	9						11.99886	23.09515	20.1078	17.07298	131.1212	109.0704	37.57549	42.24367	30.75233	26.63911	90.90449	79.57438	24.31682	33.9635	68.50135	19.2221	59.21803	30.09026	13.09533	47.24216	25.68152	19.47577	21.59473	14.35881	15.55999	52.60565	54.39234	
CUST_9186_PI429010886	N24201	0.013624904	18	9	242017398	conserved hypothetical protein |			3.41E-35	55.16243	84.50226	58.84073	87.45577	73.0273	46.71775	61.12576	66.98556	82.32889	98.33769	106.0765	99.94989	67.80459	81.40497	76.21108	33.90314	67.53847	70.90586	67.70828	60.86142	73.54748	50.66722	78.9556	62.77844	87.70118	66.296	87.01734	
CUST_42545_PI429010886	M60556	0.013635347	12	3	321463530	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	1.35E-16	10.94203	16.21562	6.862158	60.11411	39.50981	33.28409	9.834143	5.025678	11.76147	7.99927	18.54665	9.612207	49.30833	28.65621	10.44732	15.4529	55.96387	21.77765	10.29658	15.49957	NA	15.27129	8.155855	7.273639	4.56093	10.25642	19.63812	
CUST_39585_PI429010886	M44334	0.013644784	24	15						1579.509	4791.878	2157.924	1197.119	1076.368	1358.461	5884.771	5061.439	4569.485	3914.879	2584.904	2167.915	2820.736	1816.946	1720.907	5043.311	7621.268	6240.674	4650.166	6410.91	5525.521	3759.237	6452.703	5877.29	4211.995	3729.597	4487.184	
CUST_18092_PI429010886	N39125	0.013644784	24	21						158.3229	264.9162	227.1397	174.1094	172.6192	124.0046	198.5715	209.031	201.0027	164.8407	162.8199	150.3928	206.6211	190.9332	169.34	189.7568	349.1843	230.8178	206.0425	217.1972	212.2981	197.4942	278.0108	236.5379	205.9122	192.2095	258.6163	
CUST_49470_PI429010886	M85780	0.013648621	24	15						1950.295	1533.458	1676.984	1509.889	1251.245	1189.941	1929.095	1281.883	1865.951	1594.029	903.938	1242.354	2547.238	1387.245	1006.869	3423.157	2367.057	2799.9	2213.256	1547.502	1679.651	1965.787	1812.631	2443.901	2235.693	1217.388	2103.097	
CUST_4218_PI429010886	N16258	0.013649547	15	6						5.051862	15.56566	6.937084	12.06492	14.08701	NA	6.285156	20.12578	27.18421	12.61702	NA	13.12104	5.05016	6.074391	NA	9.098207	4.084094	13.48654	4.699544	15.64904	22.30617	19.14803	17.47501	14.18163	5.05016	8.486725	8.204835	
CUST_39450_PI429010886	M39617	0.013662521	24	3						155.6488	NA	121.8531	166.5055	147.2411	174.7074	NA	NA	11.26701	156.0931	133.0187	156.6513	98.04747	96.9591	162.3101	4.217699	6.227359	NA	NA	5.504548	NA	123.8841	37.56673	120.2238	6.422559	24.0921	22.87902	
CUST_23274_PI429010886	N48550	0.013696966	15	6						25.43515	18.93239	14.2083	24.30578	9.617132	14.69094	40.1121	27.04586	39.07435	20.6404	10.02506	14.85832	21.9811	15.68096	13.96378	19.65095	18.9132	26.83914	21.31707	26.16822	20.74174	23.31697	26.68521	22.59481	19.91453	20.41963	21.43699	
CUST_1107_PI429010886	N8518	0.013696966	15	3	342326199	protein spaetzle [Cherax quadric			4E-17	204.5091	217.1534	219.8411	219.702	280.6926	240.3468	198.257	298.439	265.1693	135.4532	239.2059	199.8201	134.7853	248.3542	140.9846	199.7755	217.7635	208.6051	266.7409	277.7202	264.8694	145.5033	241.6209	180.0776	209.5237	226.8253	199.7755	
CUST_19905_PI429010886	N42423	0.01369991	12	9						182.5585	73.75221	152.0267	113.5495	94.75478	134.826	131.4508	102.9977	173.8872	201.7698	107.9064	158.6683	104.6457	97.34674	127.9686	131.568	87.11871	83.08821	132.0886	188.7199	168.1289	227.8584	193.9616	311.7988	180.7102	88.35558	247.5439	
CUST_2923_PI429010886	N13397	0.013707871	21	15	498987305	PREDICTED: platelet binding pro			5.56E-15	291.6226	590.4595	91.58124	446.6878	144.1497	543.5625	722.1173	605.0439	421.5919	489.5895	372.7272	208.404	889.3882	677.4857	748.1962	1683.28	1092.583	1006.38	777.3446	296.8179	671.5725	193.6334	714.2812	186.4449	1124.497	1063.832	86.04303	
CUST_1724_PI429010886	N10544	0.013710412	24	18						9.916433	5.053978	NA	6.655389	NA	8.645163	70.1726	NA	58.7415	24.17495	14.93264	NA	9.225171	12.6791	NA	36.615	NA	42.67003	316.7134	542.1922	752.4222	30.26124	NA	45.27328	213.6621	19.14033	174.5908	
CUST_31878_PI429010886	M2648	0.013718769	24	15						443.355	776.7493	446.9571	441.7626	407.9106	410.1393	687.0247	618.9801	558.1235	431.346	462.283	442.023	462.1954	546.8689	475.3372	762.1289	726.7698	690.5452	546.3173	509.999	536.489	380.7227	581.3213	434.0618	574.5775	489.0279	533.3565	
CUST_14155_PI429010886	N32406	0.013718769	21	9	321471310	hypothetical protein DAPPUDRA	Signal transduction	Other	2.04E-56	10.96209	9.301907	11.77856	5.322281	15.4541	12.6262	9.62794	7.758333	8.266276	14.15162	17.08884	20.42404	12.04162	13.50346	12.45014	19.86967	10.44732	13.81	12.25196	10.98749	12.2567	8.806809	4.643571	10.42633	24.97563	11.27666	19.92002	
CUST_11724_PI429010886	N28300	0.013751515	15	9	242017012	conserved hypothetical protein |	Signal transduction	Other	1.12E-11	NA	12.63354	NA	6.758311	12.09251	7.675103	13.53611	19.19318	16.45591	22.74972	13.66542	NA	NA	24.30578	5.695825	4.56093	11.43891	8.562382	8.239061	14.82383	11.02965	9.908964	35.54077	23.27971	16.45406	37.23401	22.55063		
CUST_51759_PI429010886	M94916	0.013753405	24	18						77.06177	95.70549	102.1603	103.3038	81.24064	55.1065	132.4344	59.49271	109.5188	121.7366	71.22472	93.46078	168.7398	117.6651	83.96708	62.50961	125.9513	99.53837	176.4771	195.082	240.5773	127.7162	216.896	191.1913	100.3493	127.9454	240.5209	
CUST_49826_PI429010886	M87336	0.013754086	21	9						109.9913	91.92491	97.47634	96.45691	81.95267	82.7985	102.3466	92.68642	93.52245	126.3605	104.7454	170.8635	106.3359	79.55681	101.8646	118.8951	94.95617	87.51637	88.82328	95.95298	108.0539	101.7015	71.34612	92.56838	89.87221	65.29504	84.83411	
CUST_48754_PI429010886	M82029	0.013755443	24	21						161.754	9.255882	157.3439	449.4542	145.2258	102.8763	63.20291	122.1215	102.3977	260.6535	76.7698	156.493	614.3598	187.3814	237.0539	114.1853	292.6099	110.4812	364.082	143.0295	949.2292	924.3034	330.9433	654.7479	972.8403		
CUST_55364_PI429010886	M109778	0.013764618	18	15	13898841	CUB-serine protease [Panulirus s	Protein metabolism	Proteolysis	3.17E-16	6041.324	6897.446	5992.671	3679.2	3284.996	3379.597	8160.518	9791.81	7506.653	6559.55	5807.4	5197.224	5085.201	4998.113	4064.827	8818.425	7518.482	7928.164	4928.217	6332.445	6116.36	4527.495	4875.223	5322.68	5482.841	5726.275	6285.074	
CUST_31637_PI429010886	M2032	0.013764618	18	15						318.7134	478.0895	327.1238	334.795	255.8139	278.592	389.7916	395.4036	371.5772	304.0274	330.1216	331.0671	344.4073	392.057	368.9684	371.0946	420.1391	453.4842	304.6294	335.0962	2659.616	271.2533	310.6389	335.0962	353.0555	337.6971	363.1656	
CUST_31709_PI429010886	M2216	0.013764618	18	15	342326446	GrpE protein [Cherax quadricari	Protein metabolism	Protein folding	2.95E-45	50.0875	116.724	69.49719	49.20954	46.15921	44.1311	73.24973	93.33147	49.22608	48.6216	39.36544	76.74926	62.28036	64.88027	65.81456	92.78173	112.683	91.61189	71.09432	60.71091	73.04616	59.77969	48.15075	57.3802	92.84934	67.97224	67.05704	
CUST_32730_PI429010886	M4946	0.013769784	15	3						40.16574	25.72369	25.0443	58.69436	66.74201	46.10158	39.30626	29.71923	33.52305	43.10438	31.97696	12.65073	63.20291	34.78692	24.33859	28.22616	55.32819	19.57584	102.7615	47.57381	45.42128	84.26462	19.29052	55.86654	31.97696	17.2551	22.4068	
CUST_44532_PI429010886	M66243	0.013773789	24	15						10.23432	21.68208	14.50203	20.30731	23.12326	20.82813	27.03026	24.12669	25.20922	10.88207	16.42269	22.90061	19.78846	20.01482	24.62932	37.46348	28.11739	29.54223	18.00112	16.21373	28.56322	23.56505	14.64529	18.8606	18.99164	18.83509	13.37213	
CUST_335_PI429010886	N4034	0.013782298	15	6	170040829	predicted protein [Culex quinqu			9.59E-10	366.0882	525.7914	505.5201	680.4062	855.5436	359.6695	1466.746	470.3803	1421.92	949.6232	2449.312	1081.498	2025.285	1280.159	928.5423	208.4776	714.712	703.9211	433.6142	356.2511	582.599	1394.635	2721.255	2906.899	404.6157	1392.832	1775.368	
CUST_11123_PI429010886	N27303	0.013790872	15	0						55.89971	96.20921	63.26218	78.39296	68.05647	80.05281	75.61315	81.38488	73.65204	53.88185	82.24574	48.34401	65.88877	74.76519	111.5466	88.93364	117.5148	97.55312	75.3401	92.67361	81.30602	43.98997	66.51317	73.46998	61.93359	55.21231	55.72212	
CUST_54970_PI429010886	M108291	0.013800873	24	3	220172369	cuticle protein [Rimicaris exocula			6.83E-13	205.6562	NA	613.3285	1097.521	707.3888	892.7134	39.95456	28.43678	23.81043	468.6225	859.7804	417.3805	627.6794	350.1584	231.626	NA	6.917829	11.55337	30.23399	20.33393	404.5068	332.1692	554.3874	43.98997	84.06095	108.1577		
CUST_54542_PI429010886	M106457	0.013819529	24	21						5.066072	19.19097	16.64224	16.35396	9.15859	9.590111	18.39792	29.53809	27.95476	9.62794	5.305984	5.327092	23.72726	13.33462	7.814775	12.53384	5.21169	9.126089	35.06409	21.86212	19.42557	20.7112	35.40128	34.29815	20.77024	21.35916	39.57166	
CUST_46906_PI429010886	M74132	0.013819529	24	15	328899662	ribosomal protein L44 [Procamb	Protein metabolism	Ribosome biogenesis	2.2E-33	23324.95	29294.9	23658.24	19485.9	17524.49	18910.88	26191.89	27273.84	23961.37	23016.75	18117.06	19572.59	19522.5	20172.23	18146.2	29725.44	28858.93	32295.88	29396.88	27459.44	29037.53	23379.75	22221.29	21398.95	25188.43	26191.89	25188.43	
CUST_48539_PI429010886	M80892	0.013819529	24	3						51.63636	25.21148	42.55235	86.32974	54.98542	78.12052	40.082	34.8722	31.13507	38.69332	135.4989	176.076	30.35094	75.9364	79.10899	24.96126	25.01301	27.64345	22.08497	44.79025	26.23262	39.84739	34.54334	46.72845	26.6898	44.76603	37.74193	
CUST_3781_PI429010886	N15253	0.013819529	24	3						110.3983	82.09637	59.72832	88.60558	8025.596	4791.878	67.94466	584.6183	60.52841	12.50576	5578.907	5184.879	19.13763	3577.841	2790.956	4.284666	5.966459	31.74591	6.842059	1187.041	9.120228	7.649773	100.8115	11.11546	8.419629	2279.977	11.79624	
CUST_20965_PI429010886	N44385	0.013819529	24	15	542207028	PREDICTED: zinc finger protein 2			0.000000155	15.7947	20.08349	20.6613	8.796309	7.276912	8.683022	13.33099	15.91979	17.96997	10.56586	9.562348	22.12571	13.46097	10.00971	11.2795	22.53181	21.07922	26.76803	21.27506	16.94573	18.51168	14.3566	22.58254	13.67002	18.43607	14.55686	28.34861	
CUST_33510_PI429010886	M7110	0.013823603	18	9			Transport	Other		4041.944	514.6065	3145.521	5666.924	6298.27	6622.666	260.3413	974.6663	449.4542	8846.332	11179.97	11228.98	4258.14	5402.577	8619.889	138.2964	67.82594	137.4877	564.8143	1404.695	597.5894	5659.622	4207.659	7632.364	510.3128	4560.074	4857.819	
CUST_28806_PI429010886	N58652	0.013823603	18	6						28.88967	48.94611	22.83576	41.64305	41.27805	44.43625	54.43474	45.72512	61.51933	34.40524	42.52944	29.27764	18.62882	36.40013	24.00968	46.983	39.37754	39.15453	36.26885	38.04859	35.21621	39.24909	24.97826	31.8144	45.23287	49.28723	38.86739	
CUST_3936_PI429010886	N15614	0.013833243	21	12						5.242802	13.81373	9.959247	3.439072	8.851485	12.65302	10.9325	NA	9.08466	9.917631	23.94163	7.349073	13.83903	17.88666	9.62424	5.597671	7.217315	7.358048	5.117121	3.699519	13.15166	4.978112	6.89852	5.733242	6.609031	NA		
CUST_38123_PI429010886	M23654	0.013861471	24	3						2575.646	45.61444	2159.534	3316.279	2291.48	3295.67	NA	17.15225	NA	2722.975	1587.906	3604.261	1852.945	1426.211	2873.993	NA	17.03157	16.69103	15.34489	73.88293	13.84878	1959.237	1803.836	506.9058	1587.784	3.494399	313.2852	313.2852	
CUST_37538_PI429010886	M19413	0.013862307	24	3						664.0464	7.734794	624.767	907.3817	623.4767	661.8815	NA	146.0033	NA	190.3933	525.4149	573.048	132.0176	499.3569	757.5703	3.969898	6.894282	13.13244	15.267	11.00713	4.091824	331.7259	22.37825	268.0924	3.791995	14.18163	10.6362	
CUST_46805_PI429010886	M73777	0.013863118	18	15						95.83012	218.6641	80.14476	62.68299	NA	51.44117	101.3206	114.6414	63.59136	102.3111	63.60621	37.03185	122.3191	49.48225	118.8608	185.4321	300.8131	158.7682	74.34865	43.16345	61.42589	59.78407	57.42169	59.77062	142.8672	146.5049	32.40475	
CUST_25406_PI429010886	N52357	0.013879095	21	9						82.28293	65.87993	69.44476	64.29833	75.95975	80.01131	92.2128	72.91519	90.11127	87.79232	87.12904	78.92328	86.68025	50.41623	66.27041	74.09264	54.58501	69.03939	72.91519	62.196	66.09647	81.60481	68.40054	66.3493	76.83706	69.43522	76.36789	
CUST_18488_PI429010886	N39887	0.013890428	15	0						47.56782	39.93038	NA	43.27193	6.574572	33.88276	63.75599	21.65257	31.79774	18.75264	12.12405	6.238498	34.28702	41.41654	32.6846	74.99403	31.84126	48.29273	39.89679	8.397801	37.59004	24.58018	33.18845	10.50904	35.56743	22.52707	8.639252	
CUST_55862_PI429010886	M111911	0.013904955	24	9						39.02298	NA	23.23426	62.98884	10.40534	5.974507	40.79604	16.19743	NA	45.66053	NA	26.04551	32.2704	19.56731	7.702876	5.410427	11.94958	19.51186	7.548659	8.088527	4.145953	8.326096	NA	4.477878	7.273639	17.52474	NA	
CUST_5656_PI429010886	N18999	0.013907198	18	0						955.1294	473.1245	1249.87	1017.712	761.0743	914.2819	284.9823	406.3531	429.1442	326.0747	465.5812	361.1904	390.7977	772.5597	1038.012	345.5951	384.1573	372.873	474.227	581.8311	529.579	517.5058	471.3761	524.9759	426.3157	468.6225	596.8192	
CUST_37641_PI429010886	M20124	0.013919277	18	15						8658.641	11206.93	8107.941	5329.024	6368.381	4602.898	12402.11	13446.51	9804.488	10323.84	8996.679	8461.114	7007.731	8321.498	6179.344	14015.31	12789.24	11429.91	8929.115	11528.01	7861.824	7900.843	7518.482	8051.463	9999.789	7912.634	9669	
CUST_45912_PI429010886	M70733	0.013919277	18	15						6845.752	6906.237	6523.544	2636.073	3552.655	2615.936	7983.519	8869.924	8899.45	6770.352	4754.165	3411.4	4490.88	3864.779	3168.826	9653.786	10430.71	7704.294	5783.496	5451.324	5227.74	3205.37	4093.741	3571.414	7203.647	6584.064	5258.496	
CUST_3271_PI429010886	N14156	0.013919277	18	15						1563.997	6873.81	2761.678	834.7743	247.5845	500.9726	4910.228	2079.426	2777.197	2637.871	746.1539	1321.031	1495.315	994.565	1030.175	3319.225	5601.899	5671.62	3575.021	2213.256	2851.067	1264.606	505.9666	1050.844	4012.41	2014.653	2690.376	
CUST_56796_PI429010886	M114665	0.013926416	24	15						518.3699	637.2271	680.9887	654.9488	493.4583	533.5339	546.0695	495.8587	646.1155	650.2714	515.2465	635.9298	587.8441	510.4694	571.0817	830.4195	713.8123	736.2732	776.9293	578.6613	703.9211	750.6839	675.9355	769.8174	653.7367	620.4556	957.7854	
CUST_2877_PI429010886	N13297	0.013966999	24	21	321473740	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process		421.8557	583.9375	NA	234.9525	NA	236.8007	644.0162	1132.05	642.1289	17.71771	27.24405	10.69359	48.92244	445.4238	68.40753	755.8283	315.7654	319.4595	547.285	432.5544	481.1553	NA	710.633	NA	68.33012	685.9099	NA	
CUST_10522_PI429010886	N26368	0.013979225	24	0						203.1619	256.7087	336.1378	247.116	249.0801	229.1648	181.9587	226.0802	234.1695	225.5927	263.4946	269.0492	225.7463	190.0902	225.6648	198.2176	303.9295	214.2802	194.5455	259.0732	235.1283	250.1769	315.6961	319.3342	282.9282	327.283	361.8298	
CUST_51665_PI429010886	M94496	0.013984516	24	21						138.0213	235.0418	191.135	135.1633	201.8019	173.6159	127.3506	171.5033	115.3868	122.9044	151.3747	124.7562	119.2267	170.6985	125.5852	155.885	226.9579	242.6675	150.9904	201.2	195.082	143.1622	246.8231	212.8941	125.0613	198.0827	220.7835	
CUST_57228_PI429010886	E2641	0.013992273	24	15	328899662	ribosomal protein L44 [Procamb	Protein metabolism	Ribosome biogenesis	0.00000044	4971.086	7474.416	5085.201	4829.887	3503.626	4012.41	5209.792	6439.853	5227.74	5298.376	3855.701	4719.533	4633.616	4315.085	3463.912	7681.431	7032.355	7807.75	5872.99	6592.219	7610.57	4554.072	5215.78	5718.956	5244.429	5705.148	6348.681	
CUST_35704_PI429010886	M103016	0.013992273	24	3						295.6628	1093.025	1243.5407	1479.335	6285.074	2536.537	229.2469	502.8105	141.5813	175.4398	2447.506	2906.899	102.9729	1398.74

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_25004_PI429010886	N51619	0.014277095	12	6						12.05333	13.37563	11.37944	18.15042	15.40374	23.5545	15.91774	16.10452	17.53638	32.12055	15.33068	28.45606	17.58118	12.04956	14.34967	12.99454	14.75984	18.12289	30.80078	24.62618	22.54343	13.46714	25.70782	17.23263	22.26642	12.50576	14.91234
CUST_45992_PI429010886	M71020	0.014278984	21	0						22.11624	17.82881	16.47278	16.39186	15.5722	11.01286	9.213352	14.79074	9.228702	18.96527	9.398999	21.86212	9.799617	10.70188	15.56566	13.65957	16.7995	19.201	18.16224	15.20453	17.04949	25.67187	17.30435	18.7418	22.23218	6.57946	7.345945
CUST_11872_PI429010886	N51245	0.014292753	24	12	512996801	PREDICTED: COMM domain-con			6.85E-40	23.68893	24.46253	27.90262	38.12957	45.22389	26.27801	26.54949	30.38583	28.0087	18.87745	20.76565	37.83797	38.43848	41.23205	43.05092	26.7042	42.86666	38.20771	20.18416	24.33371	24.32178	19.19097	18.86919	25.5836	18.2023	32.36608	29.282	
CUST_39017_PI429010886	M33394	0.01429984	24	0						323.6649	263.0994	333.0274	274.1568	253.9457	196.5522	149.4086	260.9827	246.8231	316.8051	361.4106	249.3839	291.8765	227.2167	251.655	212.6443	231.588	208.9613	238.4366	219.4592	210.1175	255.2315	226.5718	207.8778	359.587	268.3054	304.9349
CUST_30341_PI429010886	N61669	0.014303602	24	15						6.968697	4.658677	5.460737	3.434184 NA		4.119385 NA		3.318033	3.594724	4.647584 NA		7.712272	6.449511 NA		5.198229	8.131518	5.584553	12.39501	5.659483	4.127227	5.042233	7.598096	5.043586 NA		3.831778 NA		7.611325	
CUST_5209_PI429010886	N18402	0.014315015	21	3	7414466	phosphoenolpyruvate carboxyki	Metabolic process	Generation of precursor metabolites ar		402.7185	482.5812	708.4537	711.071	1799.736	1603.304	434.5642	523.8156	605.0439	644.2122	1647.162	1425.394	685.653	972.4265	1113.954	300.9346	673.1503	392.3777	472.1134	360.6127	414.0319	1033.621	844.8862	1416.762	484.6312	1061.158	1432.914	
CUST_20109_PI429010886	N42827	0.01433139	24	21						15.32206	16.73229	8.996542	8.799574 NA		6.504644	7.05159	8.133753	3.537562	9.214634	7.223776	8.426205	9.850773	5.39578	5.934466	8.243095	9.300553	6.010955	18.84709	5.48672	13.77603	18.46729	10.90567	14.39646	17.31903	7.130952	18.19714	
CUST_36450_PI429010886	N15926	0.014337761	24	15						10.57564	11.69289	18.37247	8.652491	16.70829	9.531461	14.77073	9.512184	21.48216	23.47597	10.31893	25.79038	34.50101	12.70605	33.08133	36.48523	42.02389	30.73256	24.49326	9.642309	25.18191	24.97096	38.52366	28.84569	26.38647	16.04653	25.69105	
CUST_37525_PI429010886	M19370	0.014337761	24	15	321477568	hypothetical protein DAPPUDRA			1.48E-33	27.93243	63.61864	50.4405	28.85937	34.06404	36.14198	37.93177	47.37518	33.64987	48.43013	46.55494	30.58395	44.21653	48.8281	43.28942	46.82329	59.36408	58.70057	40.71158	40.41488	51.75972	44.74977	44.3395	49.50741	43.30726	38.40373	46.41625	
CUST_32538_PI429010886	M4371	0.014337761	24	15	332025010	Copper chaperone for superoxid			1.73E-12	83.43947	133.4287	136.2348	104.8945	108.1711	100.1016	105.4292	171.9376	165.2945	119.1399	101.2137	79.15396	112.7891	108.4356	90.18372	152.0785	189.476	153.2351	115.5309	166.1333	150.6257	108.5947	149.8147	139.2427	132.6815	130.6255	138.4795	
CUST_52657_PI429010886	M98353	0.014337761	24	15						17.36938	30.445	31.00311	27.5331	8.385883	17.07816	30.84927	19.83269	26.99058	43.75295	16.20353	21.20837	88.29653	33.16469	30.47418	35.87313	41.70283	42.68735	32.6167	24.1058	30.99993	36.95293	20.89693	35.94651	29.1953	33.39115	42.316	
CUST_8969_PI429010886	N23868	0.014337761	24	15						157.6398	180.2649	223.8968	139.3753	131.9106	112.8764	207.8099	173.5895	215.3674	173.8121	160.7996	94.47843	228.253	162.3371	131.0644	232.6083	239.642	241.0614	179.2149	179.3306	234.6915	222.9863	180.4396	177.2128	260.696	142.8894	230.6808	
CUST_20861_PI429010886	N44204	0.014337761	24	18						88.65754	120.3127	117.4006	122.5392	101.2809	84.17542	93.80651	105.3437	103.2627	119.8645	98.75554	103.9647	135.0936	94.16687	106.8649	97.00725	131.5859	128.8131	134.8921	130.3607	130.479	124.4425	125.8771	125.9339	142.1948	104.5846	146.0508	
CUST_38989_PI429010886	M33025	0.014349877	15	0						470.0131	1275.515	735.5518	531.9945	387.048	510.3128	344.6427	746.9967	918.7311	270.2277	673.3593	188.656	424.6765	720.0128	994.081	794.9446	1104.345	1485.843	805.2136	771.5383	594.0785	597.7182	494.606	327.3128	541.0757	688.4549	303.2777	
CUST_7317_PI429010886	N21371	0.014354216	24	9	321458061	hypothetical protein DAPPUDRA	Transport	Protein transport	3.14E-50	5.768746	4.606356	3.796093 NA			14.07152	4.877189 NA		10.60847	7.02166	12.46897	11.12358	11.83609	4.280426	6.19314	16.56978	7.781119	7.453005	7.939364	4.726313	6.080857	6.62957	5.973561 NA		12.21743	6.724289	6.254674	4.527432	
CUST_34712_PI429010886	M10430	0.014360146	12	9						174.2207	37.74193	122.0207	219.5016	158.0791	109.892	63.38213	28.88374	47.72449	259.3203	169.7886	315.5362	201.3668	132.7164	80.14476	20.06249	24.34094	28.36418	36.80764	91.56473	40.1121	258.4078	137.524	224.0655	60.96191	86.88214	57.66115	
CUST_34435_PI429010886	M9671	0.014360146	12	9						160.8732	122.8853	181.2265	191.741	154.036	132.304	107.5871	126.4673	119.7663	252.5113	605.0439	231.4277	292.0008	163.1533	238.3483	108.9127	126.8773	133.2629	126.3605	141.7369	137.8428	303.7038	400.5287	370.7223	135.258	341.8735	422.8235	
CUST_32084_PI429010886	M3197	0.014364153	24	15	156549535	PREDICTED: developmentally-re			7.17E-147	473.1245	836.9003	600.669	413.7039	413.7642	399.8074	697.2436	752.6445	651.7291	666.0922	492.658	510.7551	569.1918	484.8492	442.8695	739.59	792.067	900.553	588.3344	730.0615	719.4386	470.0131	594.442	502.5054	623.6004	583.5463	642.1289	
CUST_6914_PI429010886	N20771	0.01437856	24	21						99.05353	101.8893	138.2919	135.0024	88.35558	113.4582	97.09091	81.118	95.52209	128.3191	85.37067	104.203	113.3707	103.4638	122.5728	119.4159	86.34178	119.3879	111.5206	81.86695	118.606	189.8869	133.8844	133.4406	142.4297	116.9098	128.9945	
CUST_34215_PI429010886	M9021	0.014383825	15	6						150.6767	196.4115	212.7294	157.3672	153.1975	174.2296	221.8149	206.1397	173.5314	108.9271	130.5494	120.6396	131.4508	144.389	122.0941	100.7593	180.5475	190.9064	173.4439	213.5938	210.9311	180.1675	195.4372	218.7535	157.5876	192.5648	214.1578	
CUST_40769_PI429010886	M6647	0.014384294	24	15						18.42634	26.79339	3.261653	23.65361	13.94586	26.91338	39.88527	53.00589	45.81369	12.25513	23.51188	20.74399	76.53128	40.78485	71.41406	92.92674	61.71621	48.73482	13.77125	22.08061	13.389 NA		165.0873	158.2614	9.865694	34.86879	9.189042	
CUST_32717_PI429010886	M4912	0.014402673	18	15						29.16267	18.61475 NA		12.05333	7.207883	8.416104	16.64745	14.71235	16.90805	24.11615	12.20921	26.12151	17.73086	23.17242	11.75933	18.35318	20.55348	18.39978	25.79817	19.31397	14.7656	16.1942	13.89586	10.97673	19.14555	12.00032	8.567205	
CUST_43852_PI429010886	M64155	0.014410522	24	0	383847096	PREDICTED: acyl-protein thioest			1.54E-31	186.1038	315.5362	215.1868	154.4269	169.8371	149.578	142.1426	219.8411	195.3485	153.4348	232.3243	160.9133	139.3753	213.3759	162.5035	151.5648	265.541	172.4491	187.1657	206.98	179.9541	208.8807	200.863	223.5617	247.2393	237.2505	294.8466	
CUST_43949_PI429010886	M64437	0.014417556	24	15	260802151	hypothetical protein BRAFLDRAF	Metabolic process	Lipid metabolic process	1.97E-30	22.20534	32.36331	35.60356	27.57421	17.90158	31.20826	19.42557	17.01395	29.95378	30.68789	40.14624	28.94999	46.05207	19.55672	43.69757	46.34194	35.55837	38.04859	41.99895	21.23274	29.7311	38.62045	30.59991	36.89171	36.87514	25.80839	27.63333	
CUST_4374_PI429010886	N16622	0.01442015	24	21						144.0796	143.8832	162.6466	123.7474	112.6234	111.91	125.0613	114.0755	151.8112	144.9379	101.6524	107.0618	126.4338	106.3722	115.2656	165.4279	169.7003	128.7173	182.2404	103.7428	127.633	191.9474	148.131	149.533	192.6063	142.9419	190.0902	
CUST_41490_PI429010886	M57859	0.014452441	24	15						184.9648	443.6171 NA		NA	10.12695	4.874615	7.57781	142.126	42.37791	35.28538	58.11342 NA		16.30277 NA		20.44056	701.5555	109.9078	869.9307	611.3316	32.18818	491.3879 NA		112.1712 NA		81.08936	79.07706	11.69458	
CUST_14312_PI429010886	N32672	0.014454114	18	9						11.19238	5.396608	7.471039	14.1199	6.759425	18.35487	18.30245	7.770794	23.40329	14.40443	20.48939	17.12368	12.8517	15.43474	8.45839	12.28923	14.06051	12.37254	10.16395 NA		4.05425	23.30496	5.013948	8.965368	12.31686	4.324511	13.09923	
CUST_2307_PI429010886	N12070	0.014455267	12	0						34.83692	32.8057	23.82015	24.7491	21.55742	25.22536	15.90508	27.06704	15.16581	25.40416	18.00324	21.82274	19.07677	22.36969	19.11764	18.01822	24.07128	16.33991	15.65876	14.49179	14.2733	17.00074	20.58996	18.32237	41.60067	17.03584	25.14223	
CUST_53194_PI429010886	M100662	0.014456298	12	6						38.47393	10.78499	18.13366	54.53262	75.98892	63.03163	191.9733	11.25219	136.9272	49.29631	59.9228	44.68483	30.85244	53.15363	27.53743	35.05094	11.11102	26.33708	191.7974	209.9538	338.9144	54.31269	13.19225	49.87102	40.09585	27.68431	58.57991	
CUST_54721_PI429010886	M107312	0.014459064	15	12						11.624	27.3523	19.44615	5.163494	10.76987	8.066527	7.876547	16.79346	9.666191	15.66801 NA		13.87743	22.33058	13.88603	21.30878	10.19442	15.18461	16.1297	6.806327	15.54937	5.479271	8.211347	28.97725	22.20755	18.06134	14.71359	10.92283	
CUST_34988_PI429010886	M11251	0.01447503	21	18						156.6283	485.7316	340.7848	226.5403	248.3542	229.6548	236.3014	232.3662	198.0058	193.9037	276.55	243.7665	130.702	121.0004	175.2384	357.8637	456.4069	320.6536	342.3276	262.7505	513.2014	183.6198	316.2911	259.7345	262.0968	280.4189	291.1427	
CUST_18382_PI429010886	N39683	0.014488785	18	6	321471081	hypothetical protein DAPPUDRA	Protein metabolism	Cellular protein modification process	3.77E-43	13.96735	19.47024	16.10452	12.75519	23.66239	17.66267	17.21755	17.41278	24.59944	11.14899	14.79429	14.37116	14.06805	17.13499	15.14134	9.010934	12.60227	13.48307	16.3145	28.91213	14.65575	18.9075	13.62679	17.78243	17.23729	18.62882	21.56906	
CUST_51931_PI429010886	M95730	0.014496252	24	15						10.9112	10.52474 NA		9.645129	10.7943	12.60408 NA		8.442843	8.752118	14.65289	13.59581	10.209	11.35795	10.90833	18.79971	18.69594	22.34076	18.87533	7.069413	13.34178	10.20667	12.92976 NA		11.31857	4.423444	15.89253	12.7945	
CUST_32224_PI429010886	M3574	0.014510505	24	15	332023027	Pre-mRNA-splicing factor SLU7 [			3.91E-87	106.5903	177.388	119.1208	108.1394	108.2394	91.02301	133.6243	137.2967	160.342	132.2204	128.8131	67.93128	153.1144	83.31874	105.6633	171.912	181.5978	177.0792	159.9694	145.73	166.7642	134.67	135.7428	153.4511	159.5479	134.826	160.0191		
CUST_39750_PI429010886	M43866	0.014510505	24	3						3321.109	1939.377	2871.837	3786.16	5884.771	5840.985	144.8971	271.4702	92.41119	944.1713	4203.047	4952.328	609.6218	5002.917	5712.393	81.16562	2949.247	1307.564	93.9575	2.18108	69.31429	206.1921	210.0683	950.4596	104.9429	418.6884	121.1043		
CUST_15836_PI429010886	N35222	0.014510505	24	15			Ribosome biogenesis			4445.111	5826.27	4064.827	3512.198	3467.123	2992.811	6304.559	4880.699	5258.496	4456.862	3376.686	4004.603	4548.63	4159.327	4508.46	5686.353	5744.161	7157.757	4787.419	5068.287	7090.073	3790.113	4086.34	4988.039	5002.917	4145.789	5947.47	
CUST_22123_PI429010886	N46473	0.014510505	24	15	13898841	CUB-serine protease [Panulirus	Protein metabolism	Proteolysis	1.79E-16	57.51072	31.05581	36.84812	51.53986	31.06306	27.29712	94.58629	69.55079	109.1836	224.5463	128.797	24.93525	57.18737	49.71376	23.19392	196.1489	164.8407	259.5151	109.0861	157.5632	198.1201	85.21665	25.93001	51.171	142.0036	42.93819	65.74218	
CUST_28006_PI429010886	N57093	0.014510505	24	21						91.34986	124.5085	103.7748	128.9945	82.68763	89.85516	132.2346	90.15514	66.69697	83.4815	90.19219	90.12112	138.824	94.71637	94.78884	108.0539	112.7172	116.3471	105.3837	116.5745	149.2626	123.5457	120.1882	148.9148	125.6344	129.9776	159.3169	
CUST_43098_PI429010886	M62062	0.014518737	21	3						97.11689	103.8566 NA		27.03986	1224.109	1219.83	107.52	444.3539	111.766 NA		213.1791	204.3745 NA		75.43056	40.64205	18.55182	9.946155 NA		3.933121	590.3145	5.19429 NA		156.436	11.04247 NA		1482.511 NA		
CUST_45680_PI429010886	M69891	0.014525205	12	3	321474894	hypothetical protein DAPPUDRA			1.24E-17	361.1904	705.1169	406.5634	486.0305	474.8239	541.2118	647.5505	632.1075	608.2737	498.7889	399.6202	128.2244	535.4815	531.7033	506.8228	791.3056	1263.423	939.4725	597.5894	738.5083	668.7382	321.0799	528.6354	364.2049	665.1463	652.5211	432.6388		
CUST_9480_PI429010886	N24704	0.014525205	12	9						8269.17	1992.843	6922.365	9013.443	6523.544	9855.129	2922.057	2646.596	3624.383	8577.765	13658.74	10248.36	11164.38	9142.021	16726.21	1247.204	1485.178	1391.531	4140.108	4710.772	4928.217	11763.32	10795.65	13017.21	2634.199	5900.066	8522.605		
CUST_10357_PI429010886	N26112	0.014525205	12	9	156549330	PREDICTED: protein kinase C, br	Signal transduction	Intracellular signal transduction	5.02E-78	20.34099	9.592986	27.60039	16.90111	25.66849	18.91474	20.37081	5.943856	19.407	35.80909	22.56387	33.14692	38.69748	31.1712	34.22791	15.58431	12.70063	11.56152	43.96941	34.04257	22.90061	37.82991	42.29117	26.77351	17.02991	27.44415	34.25718		
CUST_37854_PI429010886	M21878	0.014530852	21	15						588.9309	783.939	605.287	602.4086	629.8536	570.2732	651.9522	644.9039	733.2499	745.1009	651.9522	839.7101	792.4227	597.7182	617.1935	660.6448	851.8736	766.3188	663.1483	611.1595	717.5574	658.1324	646.5974	725.9659	524.8326	588.9309	676.869		
CUST_40189_PI429010886	M51523	0.014530852	21	15						7993.785	11475.48	8430.296	7832.882	4045.654	4928.217	7653.847	9905.822	9727.143	7349.177	7364.792	5496.275	8591.806	5048.826	6448.141	10550.02	11339.63	12378.85	8238.918	8886.515	9013.443	7327.614	6864.217	9301.136	6929.595	6752.376	7673.313		
CUST_49201_PI429010886	M84656	0.014538394	24	0						47.10999	49.11594	51.57473	61.58	38.06969	43.75819	51.58532	41.85107	40.78815	49.38843	38.94229	41.50445	39.13627	35.51059	35.66495	58.07534	42.2265	35.88575	43.31704	45.12599	40.82014	54.37537	43.30726	43.53457	64.67753	38.28366	52.30441		
CUST_51621_PI429010886	M94269	0.014538394	24	0						83.41575	114.2871	113.7563	88.59515	89.95321	100.4391	81.01838	111.3418	121.7366	95.57738	96.35679	117.9412	75.82447	86.35128	66.83189	117.123	95.45574	94.78884	89.4662	86.52356	92.0742	140.387	101.0057	104.5953	124.0147	126.4673	121.9035		
CUST_15651_PI429010886	N34921	0.014538601	12	6						4.179896 NA		NA	17.29188 NA		17.89974	127.3889 NA		112.5075	37.9964	19.52695 NA		8.454103	9.820162	6.059208	37.12911 NA		37.82991	170.0181	402.7185	857.1902	36.92118 NA		39.05213	156.3126	22.32831	151.3538		
CUST_40417_PI429010886	M55023	0.014573653	24	9						15.73574	14.85832 NA		16.10329	61.95862	23.60614	25.49446	11.61188	19.6075	5.973561	112.6108	101.9343	21.65945	18.0495	19.2072	28.1014	9.131262	6.494807	18.66159	16.39884	4.422108	5.429962	12.39193	4.156837	20.13552	15.41579	10.25642		
CUST_42993_PI429010886	M61807	0.014583166	12	0						293.5137	325.8846	329.7179	207.3653	226.7781	175.2702	166.8118	234.5996	220.3669	242.9871	289.5149	278.3094	266.1986	256.8109	421.977	257.7877	406.766	364.4673	279.2412	236.1602	233.7667	440.2791	260.9505	356.7674	431.6201	291.6767	489.2868		
CUST_4596_PI429010886	N17101	0.014585763	21	15						22.84762	44.53859	56.00071	24.88691	23.32566	33.84542	24.71116	18.88946	23.21635	27.56589	17.74254	25.61949	31.8265	28.6464	30.01855	34.48922	33.45999	31.73936	43.55336	27.04586	26.09309	36.25072	25.76854	27.87333	37.58637	26.65508	29.15166		
CUST_54033_PI429010886	M104178	0.014593197	24	0						17.53785	17.13723	23.11733	18.13556	13.78137	18.44774 NA		10.12252	9.62794 NA		6.142774	6.515712	16.52409 NA		3.849031	9.893282	29.91279	21.02011	4.37886	10.51159	13.11625	12.20801	7.05159	11.21493	24.82555	18.41119	21.74019		
CUST_32631_PI429010886	M4634	0.014615607	15	0						798.8137	2225.697	1839.274	1012.36	868.6022	829.1725	457.5988	936.2266	291.198	548.2784	486.6807	363.5741	673.7135	368.5924	285.598	1658.691	1065.144	1412.179	529.7211	337.2109	267.9409	835.7807	937.9936	565.3173	322.9828	628.1097		
CUST_7534_PI429010886	N21690	0.014667462	15	6	354491334	PREDICTED: CD209 antigen-like			0.000000122	8.380003 NA		14.6246	25.1173 NA		4.868818	17.51582	810.1648	966.6426	68.09581	135.1633	92.49079	18.16423	116.8305	10.39496	18.51954	7.254794	11.91333	12.28923	6.911194	16.98223	28.16376	314.367	338.2602	17.1309	6.484978	34.58559		
CUST_48075_PI429010886	M78772	0.014679427	24	15						813.0168	530.9393	623.6004	754.9422	420.6276	611.3316	2375.903	1988.355	2734.019	3342.747	1640.994	494.0593	1003.544	593.0437	706.2599	6922.365	1848.594	5929.402	1553.379	1840.408	3166.856	1149.936	436.2924	753.6723	1570.104	341.732	1095.073		
CUST_53285_PI429010886	M101096	0.014683249	24	3						220.7429	113.9699	225.0187	266.9079	139.9464	265.9313	109.5722	99.01871	77.26866	149.4369	144.035	169.8611	142.3304	136.3336	157.9135	87.59003	103.7292	88.45765	100.038	93.25565	102.0776	169.1953	121.1493	145.5033	111.8276	102.0887	112.1712		
CUST_37178_PI429010886	M18104	0.014683249	24	15						57.8755	110.4251	100.7618	69.58412	75.40109	60.37267	78.24597	106.3228	95.15335	93.73127	76.40541	80.82353	100.4391	88.77171	84.67585	95.12721	118.4588	126.327	77.40803	98.96283	103.4755	89.97113	90.46312	91.57245	92.22131	76.28125	109.7513		
CUST_37382_PI429010886	M18846	0.014683249	24	15	195438859	Drosophila willistoni GK16371 [[	Protein metabolism	Proteolysis		640.2875	1469.262	979.7526	688.6527	896.6099	704.3483	934.7113	1262.927	1025.404	996.7263	912.5849	848.3549	895.8876	978.4034	978.9259	1204.169	1542.881	1291.739	923.1653	1010	1261.961	813.7492	1098.604	1044.527	822.6543	968.0088	1061.158		
CUST_43002_PI429010886	M61823	0.014683249	24	15	242023915	Importin-7, putative [Pediculus	Transport	Protein transport	4.53E-19	112.8135	175.4398	158.2614	141.0774	128.0468	139.4559	195.9322	169.5621	144.495	191.823	129.007	138.7489	159.3374	172.6519	83.13651	214.117	273.134	179.7028	205.7216	139.003	170.0929	172.0396	162.5974	147.5789	164.7688	147.3568	145.3012		
CUST_45845_PI429010886	M70480	0.014683249	24	3	341650466	Spz1 [Litopenaeus vannamei]			7.35E-50	1568.389	471.601	1100.835	1689.176	9490.363	6601.274	526.6092	1371.161	427.6634	469.784	5826.27	6470.198	508.9078	6051.213	4616.026	361.3178	246.1629	203.36	272.5621	2017.363	281.7476	600.669	830.7266	504.4324	123.4012	2506.266	284.1348		
CUST_46925_PI429010886	M74190	0.014683249	24	15	188572522	putative 60S ribosomal protein	Protein metabolism	Ribosome biogenesis	6.42E-22	6523.544	10464.54	7100.104	7353.952	6032.614	6000.152	9111.496	9364.597	8736.825	7497.741	6155.993	4253.847	7731.941	6000.152	7506.653	12725.99	10683.23	12473.12	7832.882	8577.765	11164.38	6656.173	7402.627	7439.177	8296.544	7531.236	9226.663		
CUST_33852_PI429010886	M8037	0.014683249	24	3						268.0293	95.96649	296.6874	388.382	359.587	449.9406	34.1106	38.45427	26.13038	207.209	423.7011	315.7654	164.188	224.5862	427.1681	21.93453	30.18014	8.25537	18.84141	58.9878	23.29521	181.2583	102.411	154.036	15.69941	66.15369	49.56614		
CUST_157_PI429010886	N1750	0.014683249	24	15						18715.71	18966.14	16221.54	16622.66	10374.24	12496.19	21398.95	16874.05	18273.52	19341.82	7290.969	17210.94	18365.76	12084.47	13591.98	27459.44	19855.57	23084.2	22037.75	17658.04	21224.39	18613.15	16520.01	19237.66	21758.66	18579.76	19522.5		
CUST_7951_PI429010886	N22314	0.014683249	24	15						1807.527	3145.521	2219.678	1869.564	1242.744	1369.19	3472.797	2581.822	2759.556	2014.653	1722.827	1511.222	2299.057	1782.659	1647.856	3441.376	3364.257	4238.105	2404.745	2290.485	2881.653	1587.121	1935.604	2056.189	2624.319	2228.732	2047.134		
CUST_9103_PI429010886	N24068	0.014683249	24	15						222.1435	317.3631	199.8063	177.6455	212.1398	189.8869	298.5983	335.0962	314.5002	273.0279	226.7528	233.4638	225.9127	213.9341	254.9746	333.6191	316.3525	295.4891	243.2347	260.798	271.7261	220.7835	271.3104	276.8158	254.3008	211.0809	234.1695		
CUST_238_PI429010886	N2929	0.014683249	24	15						2640.776	8899.45	1951.028	4334.63	1713.82	1701.286	17623.06	13391.14	9490.363	1752.658	1790.499	467.1523	8042.108	9937.479	3090.222	3716.26	2130.01	22332.92	8160.518	4803.622	6179.344	4628.184	14389.61	2687.973	6717.703	8577.765	7653.847		
CUST_15748_PI429010886	N35076	0.014683249	24	15	345478826	PREDICTED: hypothetical protein	Nucleic acid metabolism	Regulation of gene expression	1.08E-13	63.07768	54.03718	63.07317	55.54321	37.64453	44.594	75.14729	43.15014	49.23192	89.4662	45.79273	55.73019	83.53855	41.50754	58.9013	89.16759	71.43667	91.36194	88.83368	49.80184	71.47305	66.59115	64.57231	70.94231	84.28713	55.09433	105.8493		
CUST_16452_PI429010886	N36259	0.014

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_36478_PI429010886	M16020	0.01520383	12	9						86.88214	126.5609	120.3426	101.3081	89.45518	92.56838	108.2696	125.2728	95.38758	112.6387	130.6083	97.87129	120.7979	100.3755	121.7034	107.2144	84.40775	102.1199	143.2998	115.8648	143.5809	128.3867	184.7904	166.8658	117.0564	92.28753	150.7041
CUST_31595_PI429010886	M1924	0.01520383	12	9	270007800	hypothetical protein TcasGA2_T			0.000000511	512.9523	592.0137	588.3344	878.4972	326.2417	417.9126	774.7662	549.3721	1027.619	1175.829	684.8522	790.1557	1671.759	670.9198	856.5689	629.8536	611.8901	581.8311	1039.149	756.6003	1126.574	1246.549	1162.325	1175.829	953.6947	745.5832	1422.675
CUST_20270_PI429010886	M43136	0.01520383	12	9	242011966	predicted protein [Pediculus hur			4.92E-14	47.7609	5.801895	41.71675	30.73256	16.15902	29.84354	18.03992	12.02678	14.64529	78.43692	22.01795	70.0011	65.59134	24.33371	51.34712	18.92022	6.097172	16.59634	35.52825	21.64707	36.92118	68.90523	72.73463	77.38763	23.28496	24.6758	51.25301
CUST_163_PI429010886	N1912	0.01520963	24	18						1138.567	939.4725	1654.651	1701.993	731.069	756.6003	848.0782	1830.285	1367.344	797.5472	579.318	536.489	801.3203	1001.688	472.6199	968.7419	2216.187	2299.057	2283.014	3000.392	3792.758	1814.798	1054.885	565.6114	2157.924	206.5859	1685.048
CUST_30950_PI429010886	M291	0.01520837	24	15						238.4366	472.502	316.5315	245.8656	250.9068	243.5905	370.1622	442.5726	436.2924	350.791	330.2787	288.0498	331.1317	264.4742	319.0038	406.3531	577.3756	467.8312	351.422	336.3009	435.8605	295.7504	356.7674	329.6536	354.0991	317.8651	342.2376
CUST_39126_PI429010886	M34936	0.01520837	24	3	341650466	Spz1 [Litopenaeus vannamei]			2.02E-31	77.37879	18.76106	61.0985	59.82583	111.8855	96.17648	26.19863	36.11092	12.53963	26.11634	130.4316	103.5395	31.20454	94.70581	107.1698	6.82802	7.425904	4.309811	14.16203	48.30191	9.181284	38.96726	31.15138	22.17612	5.68169	60.82571	18.9004
CUST_49701_PI429010886	M86781	0.01520837	24	3						33304.41	1363.959	29396.88	50283.97	32184.55	53773.55	1261.961	3882.503	982.8111	42662.49	34757.71	52429.1	34065.02	34620.42	47342.04	561.3058	558.1235	690.3228	1309.131	7531.236	1038.012	41258.32	16874.05	35445.2	1945.845	11455.94	2956.694
CUST_51978_PI429010886	M95900	0.01520837	24	15	294860856	ubiquitin/ribosomal S30 fusion p			1.21E-11	17692.35	19485.9	16954.37	14703.33	10699.09	12191.65	20968.09	21113.92	17345.96	17623.06	11822.99	12807.83	15900.37	12442.6	12631.63	2526.09	20762.38	24199.32	19387.17	19855.57	19791.01	13879.42	15705.46	15630.09	15967.93	16183.31	18910.88
CUST_5620_PI429010886	N18956	0.01520837	24	15						293.7564	494.7611	469.1525	274.7682	283.351	259.0732	357.0377	464.7851	416.4698	381.0871	296.8179	330.7777	339.4771	371.6485	347.0422	404.6157	551.5575	547.0285	351.2056	440.9544	443.9249	354.0991	396.05	450.3327	358.6508	361.3178	392.5562
CUST_5661_PI429010886	N19004	0.01520837	24	15	91080451	PREDICTED: similar to AGAP009:	Nucleic acid metabolism	Regulation of gene expression	4.37E-164	100.8867	157.6143	120.6137	100.0233	102.326	114.0573	125.2342	132.2497	109.3354	122.0045	135.8408	114.952	114.9651	135.7196	108.9478	136.7882	170.6675	187.2522	112.0856	154.0616	149.6248	118.9114	160.139	137.0267	131.5353	139.2612	155.3061
CUST_5719_PI429010886	N19096	0.01520837	24	3	321476311	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	2.48E-140	226.6959	145.8669	275.1575	234.533	819.0741	542.9984	136.7059	275.4561	174.6626	131.5859	563.3118	297.3019	206.8689	371.8649	376.6399	116.7048	109.6178	127.7854	164.0459	291.8765	143.8296	214.2802	235.9311	193.8538	138.2964	416.3476	211.625
CUST_9998_PI429010886	N25539	0.01520837	24	15						253.2927	261.5031	348.7951	259.0732	176.3993	196.2948	275.2462	265.1693	274.0413	331.4329	240.8917	288.3603	268.2532	231.374	231.374	310.9083	370.6325	390.7107	318.9156	290.029	300.4795	293.3331	248.0205	348.1933	298.2569	235.0418	317.6549
CUST_11072_PI429010886	N27222	0.01520837	24	15						182.5875	292.8798	218.4319	204.0335	130.0446	164.1331	244.6301	331.7854	332.8061	216.4739	217.1534	195.4062	191.3796	236.8696	227.3921	253.1631	338.993	290.1517	244.0506	311.1315	280.4189	219.3902	214.6479	225.9834	238.0667	220.4736	272.4392
CUST_19521_PI429010886	N41709	0.01520837	24	21						574.5775	658.5111	733.9767	704.3483	618.1517	557.8175	668.1223	661.8815	814.9423	671.9924	490.7221	570.427	790.1557	590.8215	469.0501	795.9001	888.236	937.9336	757.3112	519.9072	869.3099	849.9671	857.4356	1001.688	759.3274	795.5533	830.7266
CUST_26574_PI429010886	N54476	0.01520837	24	15						22.34334	15.54537	13.85151	8.509638	12.20395	4.226021	18.95876	14.54727	15.37784	18.23129	6.709355	19.83817	14.71778	9.753338	13.79355	22.88864	26.31588	26.72462	22.96223	8.744802	19.71754	17.88341	10.43842	18.85791	18.89628	7.127819	25.17016
CUST_2203_PI429010886	N11858	0.01505838	24	18	478260277	hypothetical protein YQE_03506	Nucleic acid metabolism	DNA replication		221.6228	259.2692	300.549	225.1246	240.3058	177.7613	257.3902	279.3607	317.8651	217.9435	218.3991	226.1282	253.1919	194.8762	221.5686	287.1316	278.5346	309.0756	394.6878	378.8803	310.1119	273.1848	217.2347	262.2969	281.9984	258.6669	227.5418
CUST_32057_PI429010886	M3130	0.01505893	24	18	405960295	Fumarylacetoacetase [Crassostr	Metabolic process	Cellular amino acid metabolic process	7.91E-177	672.9412	1702.984	1096.072	894.0902	496.4508	481.6057	927.3328	1021.074	1022.285	631.0985	657.9421	626.9839	1179.476	733.4921	699.596	975.2848	1093.904	959.7319	1368.116	1049.045	1449.243	687.0247	755.4761	759.3274	947.6406	647.2976	951.856
CUST_49021_PI429010886	M36469	0.01507579	21	15						27.9125	80.41731	66.0686	27.82789	27.0245	14.7656	19.53602	54.35078	22.905	51.94695	63.91561	21.70982	35.5246	48.20014	23.54776	50.98258	60.20069	61.64797	21.03874	36.0804	13.00649	33.14692	40.1235	32.72443	16.66935	19.28815	14.07446
CUST_38837_PI429010886	M31074	0.01508924	24	6	156938905	profilin [Penaeus monodon]	Cellular component orga	Cytoskeleton organization	2.42E-30	108.9271	107.9931	113.9699	104.258	122.8241	121.1643	104.2957	125.7647	119.8892	113.0037	105.1748	124.2158	102.1933	119.5986	108.6739	154.2758	130.1383	108.568	96.9591	118.0123	94.1491	74.98208	100.783	74.97441	103.0964	118.5289	95.04674
CUST_47127_PI429010886	M74886	0.01508924	24	0						28.00193	36.36056	34.67614	19.65297	31.52497	17.30901	24.92804	29.68907	22.33779	22.94332	21.23607	29.30711	23.61225	32.75067	26.83424	34.21333	31.13496	26.57459	31.12503	26.83424	35.15002	28.67614	35.28906	26.22128	26.26192	39.63021
CUST_12063_PI429010886	N28865	0.01508924	24	12						42.10969	31.02035	28.63477	40.99664	430.7389	231.9647	80.60289	61.15056	34.04257	42.46657	66.05158	335.6252	44.41457	268.7276	341.0815	38.40964	25.19867	36.29464	30.905	63.30474	24.65812	34.74447	36.31683	24.63804	24.43634	67.18486	32.00302
CUST_12362_PI429010886	N29348	0.01508924	24	18						31.96059	44.53304	44.69809	42.24367	30.04204	32.86972	35.15002	56.74562	45.24265	46.9383	44.76312	54.71691	46.983	48.37508	40.26778	38.86739	63.07317	52.09654	44.67899	62.5781	55.7467	41.97418	51.64343	48.87241	48.17305	42.01431	42.85396
CUST_17137_PI429010886	N37415	0.01508924	24	21						28.18616	39.03604	27.78668	29.38152	31.41595	37.77333	30.8769	28.14	25.45483	22.95957	27.83932	32.22585	32.40149	26.26607	26.9245	36.53104	39.579	34.58217	33.22138	31.45923	31.44182	45.69732	30.99758	48.55532	61.51993	39.93038	44.80668
CUST_32608_PI429010886	M4562	0.01509243	18	15	443728134	hypothetical protein CAPTEDRAI			8.25E-97	53.70551	31.5432	37.53076	36.83655	30.13995	26.87469	31.51924	30.85244	26.56947	35.36547	29.48451	44.86788	28.53195	38.79677	44.71461	49.63135	36.20921	46.01666	37.91239	37.41195	23.98146	28.74405	31.27222	34.22563	32.50381	28.41463	30.3832
CUST_14128_PI429010886	N32370	0.01509243	18	15						272.0128	242.7903	17.16197	236.1602	28.93158	212.7624	400.0672	232.64	206.2187	201.0027	120.8275	62.1362	291.3249	222.6813	242.0464	666.5379	291.0502	224.6618	268.9804	95.68309	224.3337	50.25586	169.9743	62.64213	179.1302	193.5276	20.28589
CUST_49062_PI429010886	M83862	0.01514162	15	12	11494216	Limulus polyphemus internal tra			1.5E-150	70445.35	80425.69	78492.44	60621.99	58090.3	83454.29	74264.89	82051.33	69586.63	80425.69	71692.31	69178.17	89785	85913.71	87746.38	101686.5	84653.3	76615.52	71692.31	65558.65	71289.88	72794.71	67450.12	78492.44	78492.44	68214.13	89785
CUST_48059_PI429010886	M78726	0.01514352	24	6	197940771	Euphausia superba mitochondri			1.59E-149	56054.28	50951.28	46193.24	56377.06	53191.72	59443.36	71289.88	60621.99	66456.69	90447.23	56938.34	44722.61	40217.51	56377.06	28561.19	60621.99	57453.95	75512.6	40415.13	54925.27	45502.32	36043.3	29294.9	32184.55	64273.41	61365.17	43090.8
CUST_42314_PI429010886	M59982	0.01514382	15	9						21.48685	20.72028	34.74862	29.33369	34.16687	34.89809	25.61174	37.96647	23.5934	25.96348	38.99638	73.43473	50.10507	21.24956	38.89189	27.97133	27.2697	24.10212	32.96543	27.11011	27.25185	48.67088	34.62846	28.49131	57.44712	38.86376	72.65503
CUST_36377_PI429010886	M15753	0.01516402	21	0						31.77537	41.33036	33.76496	26.4274	32.99838	31.68332	29.68102	17.29613	21.14493	18.72559	35.3759	36.22942	24.01452	22.35063	39.6536	31.06306	27.90262	26.93456	33.05798	36.67403	22.86438	34.31749	38.77522	39.08397	21.10356	30.37998	51.10469
CUST_36755_PI429010886	M16759	0.01516402	21	0	321466417	hypothetical protein DAPPUDRA	Metabolic process	Lipid metabolic process	1.87E-65	52.13265	62.80714	66.67393	43.5017	47.42168	41.27319	27.35733	47.68605	34.21691	49.22608	45.66053	38.11089	35.85739	45.36304	47.47428	44.78302	45.90076	72.63826	44.61277	41.43789	51.21624	72.11693	66.71306	58.91249	69.34161	38.63208	69.2197
CUST_8501_PI429010886	N23134	0.01516402	24	3	390342290	PREDICTED: ectonucleotide pyro			7.16E-24	189.7104	23.3163	179.1574	249.888	163.4271	227.9934	18.84141	13.83383	11.53429	33.09557	132.8842	176.0219	24.88691	70.28135	136.1461	20.13552	14.75102	18.22769	21.38839	10.66221	17.91362	67.04107	23.69096	49.50343	17.41092	24.04895	26.97175
CUST_7421_PI429010886	N21519	0.01517279	18	3						112.1133	89.23195	148.4289	124.8855	118.3504	95.86932	81.05496	104.173	102.1933	58.05667	95.48478	70.57647	61.67047	72.01042	97.97101	40.1541	83.17096	63.80586	69.33519	91.33505	66.32665	93.27554	106.8768	113.4137	55.31238	51.86305	49.71376
CUST_31855_PI429010886	M2582	0.01518542	12	3						274.7682	349.2496	232.3662	347.0422	338.8265	302.5618	285.7894	297.0192	324.7451	289.5149	174.0478	242.4377	232.3662	278.2449	295.6886	347.0422	368.1539	315.4118	286.6983	270.0743	345.8264	234.7388	322.8914	253.4538	345.1067	251.0873	390.6122
CUST_30990_PI429010886	M393	0.01518542	12	3						167.1998	317.9491	165.9817	247.2393	358.0959	318.9156	253.9457	354.0092	185.4692	188.1296	124.0673	201.3401	193.7593	243.543	198.2813	243.4049	275.6274	316.8751	206.0093	262.806	174.5369	178.3071	254.533	176.076	226.205	308.2886	223.8968
CUST_6582_PI429010886	N10182	0.01518542	12	9						41.12174	39.08397	44.01652	32.93138	26.79608	28.04788	32.71218	34.74447	43.41187	41.67167	35.82162	44.3077	43.7275	19.37283	39.00998	36.33384	26.11239	42.9594	30.74091	35.86955	51.61637	32.96534	38.74041	36.83655	53.27599	53.27599
CUST_16578_PI429010886	N36454	0.01518542	12	3						125.1257	139.0483	88.71852	201.9179	106.2528	160.6506	122.2305	209.2118	131.8579	99.42287	96.40725	87.06917	128.6789	180.0776	92.2473	161.4506	145.3783	187.2192	147.8169	200.9398	73.85285	100.2889	91.44099	78.22197	161.691	125.5852	84.57655
CUST_23269_PI429010886	N48543	0.01518542	12	3						38.20339	35.33106	25.75751	36.14885	34.35444	40.55409	36.35313	32.60595	38.02922	35.55837	23.75379	32.98204	45.69732	33.09557	31.03188	48.39798	36.80764	39.41032	35.6426	31.87401	40.13474	25.54219	29.43649	29.84906	58.22453	39.07435	48.35178
CUST_28908_PI429010886	N58824	0.01518542	12	9						27.74851	9.209853	30.88358	18.67988	7.030628	13.82436	22.54151	17.7667	26.82167	21.81393	21.35032	27.04805	35.42699	23.43945	20.26341	11.75186	13.83564	9.013796	21.33066	35.99333	30.45492	27.29484	21.70164	33.19205	12.30677	21.46191	17.12548
CUST_23918_PI429010886	N49699	0.01519052	24	21						NA	NA	46.46187	19.92759	4.546146	3.703509	NA	3.350525	18.4638	18.98361	12.79263	4.982299	21.40492	17.82688	16.3304	3.695184	17.33156	NA	10.55458	12.56491	28.14	49.37308	62.83512	50.96545	25.77383	7.930223	30.37143
CUST_14101_PI429010886	N32329	0.01519465	15	6						29.87687	36.05612	26.9108	39.09998	40.61754	29.70619	40.88884	48.97575	35.65289	34.47208	20.89443	40.5799	37.54916	28.0635	40.82537	29.49099	28.60396	26.46408	52.25224	58.22453	41.44758	43.8169	40.39391	44.77796	38.02572	42.78489	57.76704
CUST_38091_PI429010886	M23287	0.01520481	24	15	190702313	cytochrome c oxidase-like prote	Metabolic process	Generation of precursor metabolites ar	6E-12	2475.896	3675.29	2568.829	2096.347	2050.749	2085.588	3289.37	3590.769	3190.966	2200.686	1712.689	2524.402	2622.032	2447.506	2402.724	3393.901	3478.142	3747.441	2440.627	3114.68	3277.985	2167.915	3142.5	3132.033	2975.418	3217.866	2268.13
CUST_32541_PI429010886	M4378	0.01520481	24	3	242005182	conserved hypothetical protein			1.03E-25	154.2231	76.09471	295.6886	222.1744	342.9247	287.2425	81.72083	65.96155	123.6152	141.2055	213.7796	171.8869	199.2156	186.3541	224.7103	60.64152	94.15594	62.23993	120.5417	86.77435	91.51354	199.1442	157.3269	164.188	134.6492	134.2942	172.8989
CUST_44016_PI429010886	M64656	0.01520481	24	15	17221659	ribosome like protein [Marsuper	Protein metabolism	Ribosome biogenesis	4.18E-26	16288.46	22847.77	16252.77	15942.89	12765.38	14307.54	22154.05	21066.26	20968.09	18851.7	13335.43	15585.38	16035.79	15967.93	16580.62	23084.2	20099.82	26740.38	19522.5	20968.09	24909.79	14363.02	16151.95	18851.7	18851.7	17315.8	18966.14
CUST_46242_PI429010886	M71923	0.01520481	24	15						4906.082	6348.681	5184.879	4906.082	3721.413	3463.912	7531.236	5144.706	6317.157	5979.853	3647.267	5238.942	5726.275	3759.237	4322.847	8522.605	6791.114	9743.786	6285.074	5666.924	6385.128	6171.545	6601.274	6897.446	6770.352	5435.742	7983.519
CUST_5545_PI429010886	N18842	0.01520481	24	15	242018509	Splicing factor 3B subunit, putat			1.46E-131	46.28626	80.61166	72.4004	59.07254	42.52366	38.1445	69.77877	79.25889	83.3741	59.51158	67.27409	71.06688	77.53014	60.74813	62.02003	73.96504	107.6507	86.92889	63.72422	62.61945	87.56469	54.04214	72.63826	73.01092	68.13325	67.95059	69.35987
CUST_5859_PI429010886	N19304	0.01520481	24	15	321469736	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	1.84E-60	1491.134	2814.474	2269.737	1459.585	863.8645	881.5382	2469.347	2103.097	2367.057	1953.31	1198.741	1126.574	2171.504	1447.238	1291.739	2541.875	2891.912	2820.736	2363.552	2056.189	2620.241	1426.211	2091.62	1842.758	2501.925	1598.489	2522.496
CUST_13101_PI429010886	N30579	0.01520481	24	15						202.6223	266.255	299.9228	183.2355	200.863	194.5781	199.2156	238.6215	240.5209	261.8722	237.366	281.3108	222.6501	205.6244	216.54	341.84	308.2886	298.8719	299.3538	221.3576	294.0126	277.7202	271.8414	326.188	302.5618	246.6369	353.1568
CUST_14062_PI429010886	N32269	0.01520481	24	15						496.9611	575.2243	461.522	362.9291	432.4641	406.0638	558.8184	523.4696	499.2313	484.8492	451.0149	419.6327	529.7211	423.8193	535.6201	525.2596	691.4224	588.9309	467.5708	535.6201	518.0684	470.2656	501.0897	471.2164	511.9251	488.7695	552.2424
CUST_16717_PI429010886	N36746	0.01520481	24	15						36.07852	48.30191	26.69789	36.28429	41.12558	28.21781	47.16802	38.4508	29.1296	47.58263	37.67803	39.07837	37.00674	40.28089	41.38164	54.48769	49.7839	51.22586	45.41169	39.72867	44.47768	41.16872	42.41232	49.67166	36.36523	44.6542	59.75033
CUST_19344_PI429010886	N41422	0.01520481	24	15	321464697	hypothetical protein DAPPUDRA			3.78E-59	239.9783	263.7574	306.1538	251.4219	194.9465	195.8396	264.2234	231.9279	263.3104	329.6536	217.9435	262.525	285.4767	208.6833	282.0632	382.4457	305.7348	346.9643	315.7654	196.9638	274.3383	304.7866	226.1685	319.3967	285.2599	269.2665	342.0443
CUST_1398_PI429010886	N9515	0.01520481	24	15	321459536	hypothetical protein DAPPUDRA			4.55E-37	225.3038	169.9804	247.7871	200.4453	161.3159	187.4404	244.537	173.9842	201.4635	271.4702	234.791	246.3057	292.1626	171.8413	223.7206	312.5768	281.1468	331.7854	302.274	183.7151	224.2104	264.9542	174.2207	272.8604	293.2214	193.7076	292.1414
CUST_26424_PI429010886	N56223	0.01520535	21	9						6.03591	5.983227	NA	7.740604	8.620448	9.41785	4.655424	NA	9.969471	12.62763	8.589134	8.023716	4.031607	12.89633	7.205732	4.429018	12.71074	4.815635	NA	1.379414	4.294508	5.932716	7.482905	5.368642	9.893288	1.852664	
CUST_35744_PI429010886	M13383	0.01520568	24	15	443700354	hypothetical protein CAPTEDRAI			2.84E-14	14.88235	17.95932	12.24304	7.21871	14.14112	16.28426	12.34178	14.81156	11.32305	17.4076	19.31939	5.40299	10.6102	9.372363	6.045196	42.06849	26.41747	34.40062	43.44652	24.76741	55.44525	14.5966	7.307485	18.84481	18.83509	5.181037	24.88953
CUST_20565_PI429010886	N43666	0.01520752	12	9						53.02213	258.6669	187.286	95.46305	19.51629	61.67047	115.1679	103.8566	180.3948	122.604	109.4738	101.588	92.68642	61.48782	85.81977	38.47726	112.1293	57.27204	95.41451	74.46936	99.99679	165.2945	199.718	245.8278	117.5148	154.757	285.9995
CUST_36386_PI429010886	M15772	0.01520649	21	15						31.80823	42.2771	30.95428	33.62389	41.32674	38.02217	24.74446	50.26433	32.70464	38.20771	44.1311	47.47767	49.4478	35.17583	44.42034	48.65167	49.99479	50.93191	21.13533	34.90142	36.61091	30.40674	34.89175	35.80198	43.9077	23.68606	47.22812
CUST_21462_PI429010886	N45264	0.01520759	24	21						206.4922	334.6481	285.5358	231.7623	194.3971	184.5623	251.9547	259.2192	248.4202	228.8663	264.9162	182.7533	202.0727	206.3618	181.0227	222.6813	590.8215	328.2183	366.9286	247.0114	274.2134	376.4343	297.6356	255.8139	261.7871	325.7976	252.9258
CUST_7782_PI429010886	N22068	0.01523388	21	0						80.3181	67.10107	75.54551	64.34403	76.53128	48.31065	64.79523	32.33214	49.7367	68.74828	61.27966	58.24276	86.96518	57.00268	74.78378	52.01796	69.95424	73.76003	66.34289	53.8169	70.13338	94.50451	82.76148	74.09844	58.36343	42.60412	55.71616
CUST_12234_PI429010886	N29145	0.01523388	21	0						51.89343	47.33949	45.57662	47.13	48.24962	42.53768	34.41857	27.2823	25.39744	57.40298	35.18384	38.14116	39.11401	56.66348	46.36802	37.69532	39.94084	34.51373	41.48089	44.95536	34.27669	47.94598	51.61367	42.97957	32.93138	36.46491	39.28264
CUST_12645_PI429010886	N29796	0.01524293	21	15						24.20903	53.27399	38.62391	23.74587	35.38735	33.05798	23.48629	33.10297	32.94858	19.08766	29.05473	29.63277	18.30947	47.09644	24.04323	42.60412	56.36738	43.13077	44.10093	39.07837	43.20383	43.62046	22.98354	42.91838	47.09644	36.21321	39.76763
CUST_22763_PI429010886	N47629	0.01525170	21	12						21.49936	13.1221	16.1105	37.1975	8.702496	18.93816	27.13842	24.01452	27.44734	26.72777	23.73991	26.04224	46.57025	32.70464	23.64075	17.32058	6.2741	16.52245	18.8308	13.57539	17.41463	17.38353	19.1981	15.52429	21.62227	14.34116	15.03281
CUST_55416_PI429010886	M110005	0.01527394	21	15						31.91281	43.20383	12.15876	13.04564	11.58143	28.39338	59.44629	36.72861	54.8814	45.61423	26.5557	23.03013	27.98453	26.91606	7.113497	34.3222	63.38213	61.02485	38.22258	40.07856	37.10235	27.22363	31.26771	20.1	18.51328	23.56042	23.72726
CUST_21573_PI429010886	N45454	0.01527394	21	15	86609863	DnaJ domain-containing protein	Response to stress	Other	1.91E-10	71.76549	87.23514	72.06957	46.29157	84.64677	55.35053	115.6114	82.7532	82.28898	82.16147	48.00737	65.93698	75.71093	76.59647	62.64991	119.4473	117.0919	127.6698	98.10696	68.30294	56.61327	68.06179	79.2021	85.2914	57.42169	61.70924	59.09232
CUST_47320_PI429010886	M75614	0.01528158	18	6						28.17748	13.09661	45.08105	42.03961	18.47	17.71771	27.13523	32.30205	38.11477	39.02642	33.30353	29.80661	21.92764	18.66636	10.16018	10.33279	13.46714	12.69904	33.5847	19.75521	17.34666	19.52187	15.16953	33.67346	37.39308	NA	29.72388
CUST_47864_PI429010886	M77911	0.01528255	24	21						411.8854	419.7244	484.7365	396.6952	352.5932	355.6308	409.117	365.7068	419.5373	470.5066	345.2692	403.5639	433.1774	312.623	407.5243	535.748	392.1412	575.6253	528.2931	486.4482	561.5074	540.0952	435.731	610.1834	717.9895	542.9066	635.4957
CUST_50894_PI429010886	M91370	0.01528255	24	21						159.8736	111.7284	266.3762	125.1377	109.6043	99.00226	115.5968	123.018	136.5457	121.8066	136.9272	84.9728	170.5061	131.6618	114.3193	182.9511	105.7248	135.8226	185.717	150.2816	201.1205	150.4308	190.7935	203.392	177.388	108.5015	189.7429
CUST_6294_PI429010886	N19910	0.01528255	18	15	242024705	conserved hypothetical protein			4.48E-49	26.54409	31.04592	28.47679	21.46

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_21587_PI429010886	N45481	0.01554697	24	15	380029613 PREDICTED: uncharacterized prc				2.95E-11	83.78528	75.00197	71.21793	69.264	61.60004	48.38472	110.1907	82.7985	96.17648	125.4485	58.445	92.30682	122.5288	65.65546	90.85891	142.9154	85.25564	154.8276	119.1723	78.67787	123.7963	117.9412	88.94466	110.9809	140.7536	88.29653	131.752
CUST_24393_PI429010886	N50543	0.01557659	15	3						32.59654	16.5815	16.22893	21.62961	18.5866	23.93259	17.63971	9.253627	15.56376	16.66935	17.76818	6.365294	17.87345	15.07604	17.47131	29.09105	16.56329	17.38549	15.84508	20.75357	21.60821	16.13355	16.75504	18.68449	13.6951	13.74367	11.83821
CUST_52946_PI429010886	M99575	0.01561685	24	15						89.7365	71.3958	58.94726	75.06882	79.24842	64.70126	82.94083	70.14108	69.34161	79.27327	39.45301	84.40775	80.30375	73.1662	88.82328	94.53661	89.44264	80.12221	83.65467	96.44195	79.86465	73.75221	112.4597	77.98875	83.21665	98.65475
CUST_46499_PI429010886	M72833	0.01562114	18	9						3.687397	4.755095	NA		5.300759	7.101655	3.909657	5.284981	NA	6.339415	NA	13.00372	7.71187	5.84695	8.239061	8.920491	3.171184	7.43445	7.786617	NA		5.832188	4.418372	NA	4.975536	6.992362	4.577389	7.517792	14.46618
CUST_8516_PI429010886	N23158	0.01563237	21	9						39.321	36.97455	42.56107	36.00369	27.5289	34.1415	45.88546	29.85271	50.78318	84.01764	38.67341	55.09974	64.28341	33.9905	47.10201	77.94963	37.53429	62.91855	40.75864	29.82341	40.38567	43.26054	38.02922	47.79385	29.6741	34.63148	40.18248
CUST_16964_PI429010886	N37149	0.01563267	24	15						21.42365	53.72874	20.30731	24.06072	16.75504	17.60727	45.30575	44.48574	55.95718	29.72829	32.91719	18.67654	43.80331	26.42527	41.19213	36.95293	58.42497	51.19908	30.63675	23.2019	35.54628	28.37038	24.6865	23.50843	34.96815	20.9828	23.80751
CUST_29715_PI429010886	N60399	0.01564618	24	21	512849620 PREDICTED: gastrula zinc finger				5.1E-13	8.871249	8.163753	5.754968	3.954002	NA	NA	5.594771	4.541722	4.67374	7.054812	5.640641	4.512451	5.720566	NA	5.817944	11.67855	6.359637	9.603299	4.636857	10.45447	9.76161	9.914778	8.785038	7.531208	10.38364	9.016507	5.851493
CUST_2246_PI429010886	N11955	0.01565515	18	6	321454784 hypothetical protein DAPPUDRA		Transport	Lipid transport	7.45E-34	14.37747	20.07037	14.38342	7.204855	27.02166	18.7418	NA	22.42596	21.618	21.55928	20.08349	24.16626	6.596598	15.26868	20.228	7.737208	23.60789	8.694186	4.64216	6.230088	16.10452	17.27868	17.33888	25.72152	9.396737	31.14654	40.38119	
CUST_3680_PI429010886	N15033	0.01565732	24	12	321462196 hypothetical protein DAPPUDRA				8.27E-20	33.0209	61.25239	36.43616	39.55957	59.58172	62.82209	33.13557	57.21256	39.11911	38.12534	60.10787	49.57184	66.19633	66.74201	65.10496	45.23287	49.27688	56.07467	43.89958	48.59053	62.84262	39.55568	39.84152	56.69444	34.23416	47.33022	41.26887	
CUST_11626_PI429010886	N28147	0.01566121	18	15						57.57578	83.74447	68.2334	56.64171	52.62255	66.97909	64.47129	59.59948	63.03163	63.42796	47.64701	35.0005	59.77969	60.92036	35.68728	132.8402	84.13391	78.45326	70.64915	59.92793	61.55047	80.28093	53.14759	63.99691	70.0874	55.11106	44.35453
CUST_9099_PI429010886	N24063	0.01566258	21	0						352.0796	151.2854	420.1391	379.0965	136.8929	287.0864	154.854	144.2441	193.7855	171.4564	141.9381	156.394	233.5705	141.8167	210.1175	147.8169	114.8511	185.6007	226.8625	215.0483	248.2992	361.4833	213.0837	348.0379	212.8941	144.9158	326.6163	
CUST_15035_PI429010886	N33900	0.01566340	12	0						608.8174	968.7419	794.9446	702.325	610.5014	527.7959	321.2836	535.2394	592.215	604.6962	814.573	640.9263	805.476	599.0901	824.0838	649.9373	912.8746	567.1816	666.6847	572.3479	571.8635	971.1067	768.79	886.9505	1069.345	679.9519	1114.745	
CUST_45627_PI429010886	M69717	0.01566958	24	3	46575789 Euphausia superba mitochondri					170.625	150.2816	214.9733	222.3298	656.0648	411.1376	110.0735	251.1346	181.7766	90.00835	433.4692	268.6423	118.4103	317.1285	181.8521	70.07704	127.2375	83.68571	76.43278	207.6167	63.07768	140.2011	179.9258	109.8412	71.77497	259.675	71.78767	
CUST_33892_PI429010886	M8150	0.01566958	24	18						664.2531	751.8458	870.8828	620.4556	494.9456	588.6767	480.6993	826.745	988.5868	789.0657	636.1587	674.5328	873.2461	615.2672	650.7176	695.5915	706.8768	657.1039	1125.978	976.1525	907.8057	1208.338	855.8718	1025.772	1187.586	778.7232	1103.344	
CUST_41782_PI429010886	M58549	0.01567027	18	3	407263873 PREDICTED: zinc finger protein 8				2.54E-40	17.46376	17.05901	16.4789	21.08968	27.96875	12.20801	17.18362	13.3386	19.09908	4.332862	16.25968	9.467901	16.09002	8.94045	7.45936	16.17146	18.69379	9.424212	25.34302	19.11378	14.21806	12.73904	18.13366	22.82225	21.36108	10.68031	21.15973	
CUST_48584_PI429010886	M81131	0.01567999	12	0						27.24094	17.97706	24.86672	21.28674	42.51804	36.58776	12.53574	15.80953	10.0277	5.932716	17.87188	7.662672	19.39459	17.8703	31.51584	24.13994	8.22815	14.57376	9.249852	7.520996	6.053521	18.81173	7.682187	25.90137	23.54538	23.10443	22.98354	
CUST_42320_PI429010886	M60000	0.01568402	24	3	524905797 PREDICTED: apolipoprotein D-lik		Transport	Other	3.04E-16	148.55	4.302299	146.658	91.71339	28.20584	53.56818	15.93653	15.02762	6.194578	NA	48.22901	15.93269	45.71275	5.932716	47.52511	10.65258	8.533592	12.80236	4.852105	9.831724	9.975583	15.67014	13.58701	8.90453	14.29658	14.70059	14.79799	
CUST_4562_PI429010886	N17031	0.01568547	24	0						30.38583	25.94197	32.1629	19.30163	19.201	25.35423	29.43019	23.51913	28.80875	17.79195	19.34106	17.28408	25.81706	16.84945	14.87141	22.59481	24.6188	22.2941	32.55402	20.11731	29.81385	28.34528	19.34106	31.21665	27.63145	23.34913	
CUST_39897_PI429010886	M46392	0.01568954	24	3	460838092 strongly chitin-binding protein-1				4.06E-11	10374.24	2566.656	9039.176	14256.4	96349.38	57169.5	1679.651	7983.519	1457.293	1184.477	19857.23	53773.55	804.5516	109451.2	120347.3	771.2654	382.4457	572.5541	397.3902	8698.04	4506.028	1742.558	2524.402	1676.984	107.8619	10232.82	522.6094	
CUST_43054_PI429010886	M61955	0.01569254	24	15						264.9858	361.7315	346.9643	331.9294	228.1333	238.3045	373.6591	340.8616	332.4145	447.6336	241.54	362.9291	432.1282	241.2245	346.2974	472.1134	408.6556	408.8076	461.2704	309.5645	520.31	351.343	341.3363	414.9926	379.7764	379.6086	514.9905	
CUST_17600_PI429010886	N38252	0.01569473	24	6						53.75479	95.63382	NA		56.75829	30.68789	29.37054	54.54964	123.5591	34.12139	145.6946	92.39145	7.985663	23.77227	4.746597	16.87953	8.141288	10.17071	24.83403	13.99465	4.299782	5.632949	36.38383	17.09822	13.63037	12.22787	14.485	3.525801	
CUST_41637_PI429010886	M58201	0.01569526	18	6						120.1351	133.9778	114.9362	141.8167	81.07096	96.71212	134.4487	144.6203	148.3283	127.0936	86.97617	112.4213	136.1215	95.73042	99.69334	123.1444	81.62587	117.5967	117.6651	109.1228	99.12783	130.586	119.4286	133.5489	134.7613	126.7896	151.8772	
CUST_5401_PI429010886	N18650	0.01569526	18	15	241691945 Ixodes scapularis endosomal me				3.26E-123	24.07412	34.50101	19.16781	24.86672	18.7507	21.89139	24.35683	28.2373	29.84354	21.34884	39.18322	32.50967	24.08402	29.42092	19.90276	41.47035	34.50654	32.69318	32.82562	26.20838	27.63333	15.62171	23.49891	26.97869	24.66091	27.56589	24.14912	
CUST_50869_PI429010886	M91286	0.01570054	24	18						80.09649	94.65834	188.8287	50.51811	52.32559	NA	110.6304	197.4942	337.5799	30.377	97.61964	10.72533	114.6828	103.1504	15.33898	59.40866	19.50992	53.41031	299.9228	300.6157	430.8354	143.5591	279.2412	240.2302	214.2039	47.33949	259.3611	
CUST_56199_PI429010886	M113086	0.01570573	24	0						54.63268	97.82425	104.1208	52.36478	31.72419	35.38316	53.36513	140.3412	148.3156	36.92118	39.57166	40.77521	64.44827	42.41232	70.04249	45.33911	41.74139	44.35808	108.6386	139.9317	190.6927	119.1916	85.61207	89.74912	215.4758	72.63826	205.2408	
CUST_2852_PI429010886	N13248	0.01570573	24	15	85057633 hypothetical protein AYWB_353				6.11E-08	170.5385	111.6419	85.14751	164.9172	97.16144	143.5284	182.8746	170.3943	131.1039	213.1791	162.2343	60.24608	231.0435	107.5502	190.5906	270.0299	185.8563	247.2393	115.8488	109.1508	141.4616	212.3717	84.6858	136.8369	135.6453	98.52549	101.6524	
CUST_54789_PI429010886	M107683	0.01571068	24	18	197940771 Euphausia superba mitochondri		Transport	Ion transport	1.27E-104	3598.269	4610.9	4456.862	3011.975	1782.659	1922.582	2990.827	3227.68	4622.321	3027.036	2611.542	2412.569	4008.648	2463.526	1947.583	3571.414	3936.583	4069.14	3895.544	4023.648	5209.792	3617.55	3847.793	4427.539	3457.999	2879.516	5043.311	
CUST_54590_PI429010886	M106741	0.01571974	24	15						605.6304	1089.56	692.3061	576.6349	528.6354	524.0943	901.5762	798.5585	876.9516	854.7576	697.5829	590.4595	725.1557	563.4896	634.4332	942.7053	1348.794	1188.558	706.0661	759.3274	847.0248	517.0399	882.2277	620.9302	715.878	727.2739	743.0295	
CUST_54981_PI429010886	M108318	0.01571974	24	15						2990.827	2713.39	3093.621	1938.127	2100.692	1573.048	5462.129	3342.747	4767.094	4023.648	2391.051	3825.101	3277.985	2150.693	2842.045	6193.269	6165.981	4153.924	4467.089	2600.653	2990.827	3847.793	2452.653	2998.296	4450.275	2117.814	3434.818	
CUST_3158_PI429010886	N13919	0.01571974	24	3	345480608 PREDICTED: hypothetical protein		Metabolic process	Carbohydrate metabolic process		353.2411	111.9766	274.5666	382.2543	347.4772	379.8743	101.8004	69.17285	112.6387	250.3014	211.4988	329.139	271.0264	192.7408	382.191	80.31138	55.46697	30.3832	83.64481	62.29516	77.40803	368.5924	158.9219	312.6928	58.70057	111.2462	89.96257	
CUST_31080_PI429010886	M652	0.01572143	28	15	321454007 hypothetical protein DAPPUDRA		Metabolic process	Other	2.91E-114	207.0821	139.9532	264.176	219.3222	241.0942	211.3776	320.7176	411.6604	344.8862	278.374	256.8674	204.7458	222.0168	270.7536	238.0667	303.6159	414.9926	361.9035	244.266	256.6606	288.3603	183.4518	231.3331	228.5455	227.0582	221.2615	211.4099	
CUST_6164_PI429010886	N19711	0.01572399	15	6	291240977 PREDICTED: poly ADP-ribose pol				1.4E-12	33.89397	48.65167	43.27193	67.07909	44.25351	65.38557	79.57438	85.04871	63.33988	28.89501	42.75074	42.5644	37.95004	57.26697	43.51785	46.64063	75.00197	83.38146	49.75065	93.31746	56.95761	75.74761	91.52744	79.62962	67.86728	36.20227	33.47807	
CUST_43409_PI429010886	M62974	0.01573731	21	0	498927715 PREDICTED: SRA stem-loop-inter				1.4E-17	19.0017	15.19175	14.30676	4.230496	5.100258	10.13586	10.49414	8.865478	6.355028	NA	8.969422	8.594232	10.0184	12.49181	NA	15.19323	13.49399	14.84471	NA	6.413865	11.05126	10.52474	17.62807	12.41089	7.826884	7.890721	10.01207	
CUST_20572_PI429010886	N43686	0.01573981	18	0	321466080 hypothetical protein DAPPUDRA				1.29E-22	14.63983	26.16165	13.55041	12.74627	NA	6.78575	NA	13.33462	8.648652	11.42758	10.94063	9.126089	8.537397	6.227359	7.439921	8.215865	7.26874	8.005861	12.77084	NA	13.50832	11.62724	11.0285	8.820637	7.796517	44.05907	5.006514	
CUST_36978_PI429010886	M17397	0.01574456	15	12						33.48437	55.36247	60.47985	12.20837	47.38682	18.63724	38.88914	46.99361	40.63802	23.16492	53.6558	27.45352	111.1388	49.86364	42.75542	23.99679	53.612	45.45322	27.36008	11.21915	30.3832	39.47955	37.26392	12.61026	56.76972	51.6582	79.27327	
CUST_14957_PI429010886	N33753	0.01574963	24	12						801.9356	1012.36	1032.084	1381.205	719.0646	923.1653	2110.599	1492.153	2219.678	737.5198	1717.387	662.5571	1711.15	1678.527	1088.703	1077.231	170.003	1946.675	425.4995	634.6539	807.865	488.3385	959.3506	962.3475	435.1623	421.3837	600.4266	
CUST_12480_PI429010886	N29535	0.01574792	18	15	548424511 PREDICTED: nucleoporin seh1-lik				3.2E-76	14.84471	11.87026	11.39637	14.07625	7.524476	7.897797	15.93995	13.53611	14.8883	16.80349	13.17136	14.29901	25.21391	15.66801	15.48991	16.39705	20.71518	17.78015	10.91964	15.87884	14.97433	5.489948	9.63644	17.85791	16.02076	20.91851	22.45935	
CUST_31299_PI429010886	M1165	0.01575944	12	3	443716102 hypothetical protein CAPTEDRAI				3.49E-121	97.63248	76.19255	105.2026	128.3674	106.6811	136.2198	136.1461	88.77171	103.616	97.65071	96.30356	119.7663	99.71725	95.27189	96.04821	106.9035	145.393	119.4286	140.4108	105.4292	147.482	92.2473	101.7333	89.0262	87.82302	110.9564	100.0738	
CUST_291_PI429010886	N3538	0.01575944	12	3						1348.794	1421.92	696.5086	3838.854	1205.686	1706.299	2539.976	3205.37	3085.208	1912.144	2028.877	623.4767	2227.296	580.117	1403.719	4211.995	3731.866	5659.622	714.9939	3688.899	3759.237	1830.285	1384.734	1171.1	1691.116	2996.567	647.9305	
CUST_2533_PI429010886	N12572	0.01578391	12	0	223588323 anti-lipopolysaccharide factor 2				1.24E-23	30.69787	NA	29.41053	29.95843	28.39612	12.45442	14.56346	NA	11.94454	13.74955	24.49986	24.21718	20.75594	45.01222	49.65203	15.13981	27.71884	26.77594	6.50104	14.94968	6.081959	22.64182	59.13513	69.30661	6.78575	35.22067	58.50483	
CUST_42372_PI429010886	M60128	0.01578973	24	18						46.68552	66.00136	61.06467	50.35761	77.34627	46.2068	53.5736	61.47323	76.84692	49.35016	54.38582	45.36304	53.76136	45.67933	51.0501	57.13485	57.86143	60.82571	73.17158	78.18913	63.93775	61.36611	66.3493	60.73126	54.96474	58.41936	72.97666	
CUST_46126_PI429010886	M71473	0.01579326	21	18						30.54385	40.61754	24.67768	24.47696	31.91889	20.89693	19.81371	32.29617	41.04967	18.49152	15.33232	17.90949	32.04577	40.37344	24.08726	31.34971	18.13556	24.89149	28.30622	51.31552	45.09415	26.34871	25.36487	27.71183	25.44757	24.39623	38.93222	
CUST_55724_PI429010886	M111476	0.01580061	24	21						106.365	89.96257	152.7876	101.4958	84.4188	108.0194	97.61964	96.81529	135.8226	104.3412	68.98107	120.9166	92.77365	95.53167	88.02817	134.5716	114.8354	137.2351	132.8996	97.31511	117.1403	145.5634	121.0707	139.1998	111.539	106.4806	139.866	
CUST_51257_PI429010886	M92841	0.01580061	24	21						101.6014	123.4933	101.7856	97.14951	87.23514	107.0195	89.70467	87.36259	104.3712	92.2473	93.66451	94.94344	89.08902	75.75538	93.26197	121.1272	52.34706	102.6632	139.866	84.88526	100.59	137.5443	99.37198	105.1495	117.4669	130.702	102.437	
CUST_43432_PI429010886	M63030	0.01582378	24	15						8.593041	15.22541	13.36386	11.38131	13.80235	7.025487	15.16316	15.77596	14.70794	13.3556	9.568695	12.24052	17.89547	16.83626	15.10467	27.84184	21.96708	15.67395	16.02076	6.836868	14.84471	16.92486	13.31624	26.0084	14.30044	13.4565	10.00552	
CUST_32904_PI429010886	M5433	0.01583505	24	15						118.2092	92.59408	104.5338	88.15439	76.49879	108.7185	94.30839	68.27965	98.46402	138.3677	81.51736	89.04608	84.80017	93.4363	103.4755	199.3483	104.7064	197.8872	120.2974	110.5806	126.5797	135.1465	86.35128	123.4547	102.4622	76.03311	140.9438	
CUST_18843_PI429010886	N40511	0.01584122	24	0						242.9871	218.0311	248.8552	213.4123	201.86	208.7171	209.0675	186.8705	215.0811	213.4123	227.2167	205.7216	199.6837	197.8624	196.9036	272.8455	191.5454	229.7477	221.9709	164.8179	207.8484	257.7274	208.794	248.439	256.0953	220.7835	282.3174	
CUST_42053_PI429010886	M59270	0.01584829	15	0						220.4736	216.0628	231.626	149.769	195.9604	132.6978	234.1695	180.7742	147.0201	87.75883	227.6714	105.2701	141.3011	231.4277	129.4034	180.5627	163.3155	174.4633	66.64484	201.0938	229.6548	139.8891	61.98061	107.1698	56.16991	47.40679	57.23466	
CUST_40469_PI429010886	M55213	0.01585287	24	18						13.93951	13.43146	19.47164	17.9285	19.29327	11.56593	12.46897	22.13004	8.438338	12.77798	17.72529	15.78875	13.3485	15.42768	16.85925	19.35535	38.39235	18.06541	22.4679	23.69696	25.44757	NA	38.18648	14.19705	16.15024	25.30391	9.323328	
CUST_22308_PI429010886	N46787	0.01585659	24	12						18.14784	11.18027	14.9436	11.99361	12.14919	12.72606	20.49572	26.48147	17.07816	16.20857	14.60077	23.8353	24.79	18.03458	20.16972	25.60929	20.32056	17.64602	13.29816	16.15902	27.32487	28.93158	18.31541	14.84728	15.67736	16.10664	15.11243	
CUST_38928_PI429010886	M32165	0.01586087	18	3						6221.85	29843.45	58747.36	8205.133	30721.41	56938.34	42900.93	47123.31	46674.67	67856.09	53191.72	53496.25	52429.1	49329.8	60302.68	12548.11	17886.89	16874.05	6276.82	62609.93	63683.37	71692.31	97373.16	80425.69	37632.98	7225.7	76090.53	
CUST_32912_PI429010886	M54502	0.01586009	18	3	7008007 DD9B [Marsupenaeus japonicus]				1.78E-16	10995.16	27961.55	8025.536	13446.51	15585.48	14956.1	3187.95	4628.184	1875.123	15492.49	11323.45	15967.93	6717.703	10193.49	14828.53	2105.784	1865.146	1962.09	2668.57	8527.493	2996.567	1301.65	1395.49	14885.24	1940.134	4311.402	4531.571	
CUST_4026_PI429010886	N15828	0.01586309	21	15						378.1731	1604.089	669.5828	243.6749	77.30188	228.0375	1011.588	1138.567	1054.373	366.242	126.8388	201.2	492.831	713.8123	336.0374	606.9823	2427.484	1375.747	780.7545	716.3366	678.7605	240.8917	640.9263	245.1933	470.9814	530.8049	251.5087	
CUST_5125_PI429010886	N18290	0.01586309	24	21	321466714 hypothetical protein DAPPUDRA		Metabolic process	Cellular amino acid metabolic process	6.15E-88	14.53482	14.54128	20.56246	16.89615	10.07839	12.40953	6.57068	8.604047	18.24319	6.824523	18.94465	14.25286	8.205848	15.76545	24.21438	10.765	24.35366	15.11819	18.80957	20.01045	22.15002	14.64685	58.69436	23.29214	21.66219	16.65336	21.90135	
CUST_4260_PI429010886	N16347	0.01586316	24	18						298.5019	513.2014	426.4459	240.9301	379.4005	288.117	284.7236	375.415	447.3237	540.0952	252.8102	382.1124	352.3291	352.6665	299.5341	447.5258	468.9491	438.5777	843.5336	587.3135	438.3717	447.6336	459.7509	411.6604	500.5747	274.9461	453.6305	
CUST_8725_PI429010886	N23484	0.01588316	24	6						41.97418	49.35016	35.45282	237.8915	138.7318	154.6164	89.97113	62.1826	72.02191	61.78991	292.1626	26.66393	55.70355	92.43032	67.57316	34.46101	69.04786	68.30294	24.92085	81.26825	49.78973	30.9462	36.48523	22.65185	37.6918	64.02943	54.18142	
CUST_37465_PI429010886	M19127	0.01589242	24	3	321473145 hypothetical protein DAPPUDRA				6.72E-08	23892.85	3316.279	26191.89	17982.7	25403.62	32295.88	2605.771	9111.496	2065.743	1130.351	14071.14	12021.42	1497.856	23503.18	25130.01	710.1661	289.6843	367.5711	733.0037	7194.306	653.7367	4185.629	2234.498	3815.958	28.8864	10852.86	49.68059	
CUST_15518_PI429010886	N34711	0.01591202	24	15	548497563 PREDICTED: chitinase-3-like prot		Metabolic process	Carbohydrate metabolic process	2.88E-11	232.6717	422.1689	157.7362	330.1216	104.4062	301.6948	727.0088	394.1154	406.9392	780.7545	285.0355	325.2782	646.5974	282.4469	478.4126	1456.541	767.8994	911.4252	523.631	142.5641	484.9644	414.226	139.7386	412.2409	528.895	363.6624	242.474	
CUST_23171_PI429010886	N48380	0.01592909	15	9	493373751 Monosaccharide-transporting A		Transport	Other	2.29E-43	110.5806	81.49613	94.00187	87.22486	80.34247	72.64707	85.12597	78.29555	71.85783	102.8924	107.4112	152.4946	98.50388	92.79509	114.2304	106.6278	82.91071	84.38135	95.46305	72.80134	69.84655	100.6934	71.45149	87.12904	111.8116	72.30147	102.1002	
CUST_25107_PI429010886	N51796	0.01593657	12	0						28.2204	34.13826	35.47011	28.29802	19.7414	16.38858	29.40507	13.30299	42.51804	23.85663	28.97725	19.55278	52.26773	116.5916	110.3707	26.0713	28.55675	23.51553	23.1696	30.04801	33.52305	45.92624	37.86114	36.28732	52.12833	23.80329	48.00737	
CUST_21986_PI429010886	N46216	0.01596063	15	9						32.01377	30.52605	32.00663	22.68184	29.51017	30.04497	16.03034	34.31749	20.36405	45.42698	41.39421	35.66495	31.93086	27.57421	40.96049	57.31291	33.49837	46.36381	24.96379	19.10616	31.85157	32.86972	14.48646	36.29093	35.83737	33.90697	37.76461	
CUST_22150_PI429010886	N46521	0.01596063	15	9						55.77263	59.49271	54.35675	40.36067	60.97733	47.59053	87.92365	48.09451	56.60765	88.79346	59.5223	67.43392	69.81806	40.66544	62.48283	73.59425	49.8658	58.85484	57.80626	50.00334	44.83298	51.19385	59.97997	58.82712	70.5281	58.19693	66.32665	
CUST_27106_PI429010886	N55456	0.01596874	12	3						23.3163	30.18325	NA		105.3002	NA	99.51051	152.1194	79.56634	111.0779	38.57897	33.9183	8.111553	94.20496	87.75883	105.5425	329.7179	133.0371	122.754	153.7124	14.61522	154.0154	NA	36.39325	NA	78.8865	60.53447	NA	
CUST_15246_PI429010886	N34262	0.01597608	21	18						302.345	516.495	460.6841	229.3564	277.3007	279.4339	312.1009	340.6386	289.9011	287.4074	289.3915	266.7409	348.1933	206.8979	352.8944	311.3849	435.731	312.6928	324.921	333.7063	333.7805	267.8251	315.1053	240.8917	291.9252	214.0769	220.6244	
CUST_53842_PI429010886	M103387	0.01598495	24	21						6.603742	8.421879	NA		7.788513	6.191209	NA	7.43445	5.877513	7.244787	7.616397	NA	6.313054	5.421877	6.657442	3.728205	NA	7.064253	8.375216	9.607864	5.537042	7.569757	9.718797	8.091775	10.914	8.837166	4.884572	NA	
CUST_55278_PI429010886	M109416	0.01598719	24	21	149047034 rCG64318 [Rattus norvegicus]				1.84E-26	167.0595	163.1238	172.6519	162.8755	132.8754	114.2673	172.4229	144.5615	151.421

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_37644_PI429010886	M20185	0.01633450	21	18						NA	NA	NA	18.18461	NA	12.58686	991.1291	6.027376	804.5516	14.77631	31.25815	8.085249	3.546233	17.99931	12.49835	52.60565	NA	49.77832	1135.893	1427.593	2634.199	184.828	9.407459	152.3312	209.7386	32.82904	144.5431
CUST_15190_PI429010886	N34160	0.01633850	15	12						17.6134	17.24881	26.52431	23.82334	13.86405	14.71575	11.14343	16.29695	21.96464	13.45766	14.13121	14.65162	17.41782	34.46463	26.82547	23.72974	25.43712	23.63569	7.395633	13.30035	7.066092	11.18862	15.14518	13.01144	23.57971	11.01416	22.32831
CUST_10602_PI429010886	N26495	0.01634347	21	6	443682399	hypothetical protein CAPTEDRAI	Transport	Ion transport	2.76E-71	23.33315	38.83987	43.78128	24.34676	39.30986	42.04861	46.53342	46.88996	57.24758	21.54067	39.32867	31.29616	38.61632	38.48962	39.38869	29.64873	32.89225	38.5831	31.37286	36.34979	54.78529	61.13867	59.7988	86.20512	53.37075	65.95317
CUST_53393_PI429010886	M101526	0.01635344	21	9	74897547	RecName: Full=60S ribosomal pr	Protein metabolism	Ribosome biogenesis	1.08E-14	66.97219	129.9776	69.45852	85.785	55.09433	82.30731	91.37878	135.5937	49.63757	106.786	86.7231	87.00868	89.41928	87.85118	85.79452	75.87682	149.3578	146.129	68.07757	148.2715	83.95829	47.64701	80.16082	68.01088	33.86491	82.29248	66.75504
CUST_16652_PI429010886	N36633	0.01634844	21	18						19.42414	14.92893	18.99558	30.75233	24.74687	24.60957	13.67378	15.3457	15.98313	25.79528	12.79947	22.75207	25.00741	13.2108	26.04551	26.94025	12.90067	25.82213	31.97696	27.68187	31.06592	25.27733	14.87994	23.17242	16.09693	13.03685	17.99135
CUST_1323_PI429010886	N9288	0.01639708	24	15	29134779	projectin [Procambarus clarkii]			4.3E-45	599.3024	659.0035	611.6853	678.7605	564.3622	529.2519	666.8579	579.065	582.1367	562.6231	442.5726	675.6901	724.4063	596.4198	563.3118	939.4725	809.8174	886.9505	742.7432	625.2657	981.6108	623.3324	755.266	778.2044	765.1767	817.1951	934.7113
CUST_42438_PI429010886	M60289	0.01640773	24	21	395518442	PREDICTED: zinc finger protein 8			1.9E-32	377.2326	457.3588	439.4254	393.5689	299.4177	285.3215	398.5907	399.0134	354.6555	447.1876	317.5843	313.9334	391.4746	318.4002	295.1045	405.1953	440.4343	425.1755	476.8665	459.7509	420.0475	477.058	429.4693	432.5544	494.454	375.9296	475.3372
CUST_42387_PI429010886	M60162	0.01642348	18	12						55.04966	42.07726	56.734	83.08821	48.09451	40.2472	47.37518	40.45135	45.88156	113.2938	38.28366	61.54562	75.50995	59.72832	112.683	63.07317	51.66717	49.89252	100.771	30.27748	44.1311	48.76461	39.20049	45.73174	28.74405	42.85396	38.7574
CUST_39978_PI429010886	M47744	0.01642581	12	3	1272241	Homarus americanus beta-I tub	Cellular Process	Cell cycle	4.41E-178	139.003	130.9714	128.4025	208.3716	177.9078	142.9786	174.0123	124.6245	142.8894	128.4423	99.04563	106.1034	133.3669	90.37428	123.354	298.3765	142.5991	238.9649	153.8104	112.2221	156.8401	136.9653	151.0875	149.5552	166.6574	139.2427	127.8904
CUST_36552_PI429010886	M16212	0.01643979	21	15						143.2644	224.6812	162.2114	146.658	166.1333	138.8443	135.1939	178.3394	151.4662	142.4928	145.6336	126.0542	154.1589	195.4747	181.3844	209.5237	214.8629	178.033	155.6009	177.6996	162.7602	156.9197	188.0574	164.4418	149.2467	158.7144	200.5474
CUST_55504_PI429010886	M110395	0.01644363	24	18						11881.91	14614.52	11076.77	11076.77	7240.469	8818.425	15492.49	12141.91	13591.98	12886.71	7937.877	10209.43	13248.98	8042.108	9872.039	18802.8	12991.27	15871.24	16491.53	12743.08	16622.66	12631.63	11643.13	14642.96	15731.96	11429.91	16411.2
CUST_38434_PI429010886	M26582	0.01644363	18	15						582.1367	278.6422	621.614	213.152	73.30672	186.6058	483.6608	914.5652	835.3759	993.6309	691.181	212.598	615.2672	728.8717	399.6202	1674.551	564.3622	1637.38	1091.584	701.5555	1159.214	575.2243	87.56469	412.3443	1500.89	393.4684	764.0639
CUST_13392_PI429010886	N31102	0.01644363	24	18			Metabolic process	Carbohydrate metabolic process		674.8039	314.367	363.4898	293.6477	176.7166	99.6269	791.0912	1134.773	725.9659	489.2868	299.8024	56.58591	442.2313	387.3552	228.29	1480.103	671.8022	1404.695	1149.369	1048.592	1830.285	457.3588	45.51721	316.2435	777.0993	337.5198	382.4457
CUST_8642_PI429010886	N23344	0.01645772	24	15	356651196	heat shock protein 21 [Macrobr			8.12E-17	84.64677	92.7356	70.10685	63.1617	113.8967	93.95635	68.18657	77.46257	59.16434	70.8379	83.06309	84.53993	52.59937	98.51271	62.1238	115.1318	97.58001	122.4622	91.10731	75.06882	93.92415	95.60245	105.3002	102.1199	86.60823	79.92781	80.26815
CUST_6275_PI429010886	N19884	0.01648607	21	15	321474542	hypothetical protein DAPPUDRA	Nucleic acid metabolism	RNA metabolic process	7.13E-95	53.39865	70.50377	79.01425	45.9512	31.4617	49.8852	50.7989	54.23194	62.62916	50.34388	53.61862	51.47751	63.14866	48.2227	42.34405	60.37267	68.38347	74.21946	56.26482	60.61437	67.81145	60.81352	53.88185	49.55941	46.11508	48.46283	60.56117
CUST_39923_PI429010886	M46864	0.01648963	18	15						49.22608	73.41723	95.06795	50.55672	19.55478	39.14498	177.1325	188.5193	146.6342	199.1806	18.1656	145.6946	142.3635	96.24348	46.99361	117.1085	247.4344	187.6789	192.9642	277.0946	267.6236	28.14237	14.32824	19.3675	124.0485	50.87138	102.9161
CUST_34545_PI429010886	M9980	0.01648963	18	0						49.30286	34.93184	39.13314	28.23103	23.2664	17.8457	25.94465	71.84187	33.5806	15.91774	19.51186	15.30443	26.68249	23.51553	29.99869	23.21885	9.24446	15.87405	37.52227	59.23509	25.75942	35.97078	71.74885	20.9985	16.87212	27.15652	20.2341
CUST_24367_PI429010886	N50496	0.01648963	18	15	260801526	Branchiostoma floridae hypothe	Cellular component orga	Chromosome organization	5.21E-104	79.90233	119.5461	81.06249	70.2307	84.63533	63.65381	87.06038	91.22685	114.7492	118.7615	67.9004	102.9729	82.09637	96.99292	89.97113	93.93436	106.1184	142.1072	120.7872	79.07026	114.8959	88.91387	63.08459	79.21267	84.38135	67.88645	86.99822
CUST_44287_PI429010886	M65500	0.01650245	24	6						1.7E-56	11.83895	10.30824	12.62994	14.97655	15.25271	13.63037	16.12609	23.5426	15.87729	41.66525	12.59667	10.61215	11.9671	4.923109	15.10343	10.00971	9.700038	8.098927	18.2488	6.658049	7.242699	12.54629	5.775662	5.891833	18.03458	3.408299
CUST_21748_PI429010886	N45780	0.01650245	24	21						269.1635	305.9701	380.915	310.1796	145.4586	117.5148	75.70089	203.4662	187.8413	361.1904	194.821	134.703	313.4133	138.0005	165.4776	339.9532	330.6328	291.5804	374.4283	254.1629	178.033	601.5188	265.8169	430.6456	554.0705	204.6095	473.8372
CUST_946_PI429010886	N7920	0.01650245	24	6	332183191	sodium potassium-transporting	Metabolic process	Nucleobase-containing compound met	4.04E-113	1594.801	1858.682	1223.105	1117.04	2039.749	1957.624	2242.949	2146.15	2429.15	1534.973	2269.737	2097.341	1362.378	1686.38	1886.448	1867.24	1388.826	1534.973	2160.965	1865.951	1398.823	1483.632	1831.816	1156.223	1557.736	1842.758	1020.366
CUST_27250_PI429010886	N55712	0.01653750	24	3	148229745	diphthamide biosynthesis protei	Protein metabolism	Cellular protein modification process	7.3E-20	10.60299	13.32146	11.26241	13.16313	18.34365	NA	NA	11.71415	NA	16.21895	15.46338	9.738777	9.035174	NA	12.1921	8.501072	13.17479	9.255882	7.509062	3.91805	9.808744	10.63475	NA	8.859308	10.43122	4.654331	7.763694
CUST_30027_PI429010886	N61030	0.01653754	24	15						25.29614	19.26106	21.66483	18.1529	21.36108	27.06162	33.97232	21.62449	20.06847	47.10689	27.22159	27.02166	24.82555	16.73426	25.02228	33.04298	23.49112	18.60577	16.87762	21.10164	18.87745	26.94322	32.1177	20.05017	27.08219	26.68521	31.5963
CUST_41902_PI429010886	M58842	0.01653865	18	15	321464943	hypothetical protein DAPPUDRA	Metabolic process	Other	8.48E-36	NA	21.75367	12.36397	7.611325	11.06998	12.64537	10.29175	NA	13.06456	15.0661	14.81636	9.243151	15.85618	15.17671	10.81549	NA	24.0298	18.20871	12.33325	15.0452	17.18912	NA	9.868311	10.83965	5.458067	15.58835	16.80772
CUST_19673_PI429010886	N41991	0.01656256	24	21						28.56322	29.90874	40.14624	21.95424	20.61709	17.20767	16.84207	22.36969	19.82888	16.41382	52.2471	26.64465	35.25711	31.00644	36.90197	21.20033	17.80399	29.90427	23.27767	23.25373	35.83737	43.2535	36.15228	67.41761	60.53447	21.82795	59.797
CUST_1492_PI429010886	N9798	0.01656256	12	9	442769035	glycosyl-phosphatidylinositol-lin	Metabolic process	Nitrogen compound metabolic process	6.9E-46	560.1392	154.5458	822.6543	402.436	189.1287	178.9277	322.1601	222.7248	598.0964	422.9545	401.3498	159.497	902.1594	381.0871	600.976	58.2972	95.24948	131.2222	469.9074	241.9944	496.9611	862.533	1292.915	1272.378	464.5257	577.7104	1127.686
CUST_49396_PI429010886	M85497	0.01656396	12	0						87.0776	71.85783	92.77365	73.63397	59.57009	82.87384	63.26798	61.84336	69.03939	97.26952	73.46998	54.04744	96.13685	89.83016	79.78242	102.4924	78.43006	69.4807	58.70606	64.33318	63.64767	126.0081	78.77099	78.79009	100.1424	84.37355	65.51653
CUST_823_PI429010886	N7423	0.01656396	12	0						73.36846	55.55019	70.7612	63.79933	62.5913	72.61063	45.13797	51.34712	63.85058	77.94963	55.33608	62.29516	93.33147	70.8379	63.39626	68.13325	58.57991	65.80074	72.74057	48.09966	54.0322	73.51603	62.68994	63.89423	87.81083	71.84826	81.16582
CUST_10702_PI429010886	N26654	0.01657402	18	0						352.7205	653.3386	361.9725	188.5629	184.0263	143.92	77.57976	234.6515	276.2644	321.8126	36.05963	199.5249	149.9991	72.22265	109.0861	735.8335	319.9319	655.6894	560.022	508.4006	1134.773	315.96	95.61224	156.1362	617.0017	233.0433	136.5457
CUST_24870_PI429010886	N51392	0.01658001	21	12	291238656	PREDICTED: acyl-CoA synthetase	Metabolic process	Other	5.45E-28	NA	4.922612	NA	NA	6.165544	8.748029	3.177736	17.17004	8.985774	NA	5.07018	6.486846	9.391341	8.466566	54.44021	6.432193	9.839028	6.38354	7.90037	7.735995	8.564235	NA	4.830349	4.958576	5.853456	NA	5.567914
CUST_2685_PI429010886	N12903	0.01658110	27	18			Nucleic acid metabolism	Regulation of gene expression		691.181	1431.337	1383.294	623.7953	632.6818	588.0127	1002.608	1319.617	1502.443	768.539	828.1272	589.1435	791.0912	573.048	719.7217	1008.499	1010.428	1014.938	1282.861	1378.281	1717.387	1183.356	1065.617	1127.686	1670.997	1021.527	1161.622
CUST_44892_PI429010886	M67334	0.01658358	21	0						41.91606	49.16277	48.62526	35.5206	39.49333	33.34498	44.09004	39.2136	45.22389	45.23829	29.51262	45.41788	34.78692	40.84998	29.11195	41.77121	39.4752	36.39325	57.27204	35.40359	40.76995	48.7205	42.61939	54.71691	48.27587	41.06053	67.17926
CUST_42370_PI429010886	M60126	0.01659004	24	18						22.75769	61.49909	44.3343	26.15317	37.56185	15.5828	37.79201	38.37685	52.38529	37.08608	25.60647	22.1273	56.51566	29.62856	33.7853	32.82226	72.80134	45.34342	65.1084	44.98933	76.6349	54.51407	59.5223	49.99479	74.7822	40.24112	45.66053
CUST_20974_PI429010886	N44406	0.01660257	18	3						9.480246	6.41682	NA	NA	13.46714	18.84728	11.14467	13.55607	NA	6.394884	8.866716	10.73437	8.928675	6.543176	8.559475	NA	4.938727	12.61395	4.386687	NA	NA	NA	13.84038	18.3141	13.28567	8.876488	5.853456	
CUST_13281_PI429010886	N30906	0.01660478	15	12	443693165	hypothetical protein CAPTEDRAI			4.16E-14	54.53868	46.92175	39.11041	40.25595	36.54493	37.97588	38.87958	25.83025	38.66006	54.44021	49.58749	47.7452	47.85839	42.9937	43.35233	49.80766	44.44058	39.98571	29.78267	32.46193	45.95593	48.82832	41.62236	36.52972	40.24112	45.66053
CUST_42938_PI429010886	M61668	0.01660609	24	18						6.69365	9.662411	7.108841	5.537737	5.217523	3.646689	8.546932	19.81148	6.789863	NA	8.103931	6.776767	17.58246	5.978199	11.38718	12.9512	5.620522	9.407459	11.89049	14.44307	17.48615	12.72353	9.157379	8.013913	10.58939	5.434281	14.10098
CUST_8209_PI429010886	N22715	0.01660933	24	3						28.01303	8.998007	35.92906	22.2879	41.52352	17.34666	NA	8.79359	6.721195	8.464303	49.25556	5.448429	15.5351	21.16633	23.55652	6.541046	4.280007	5.106576	NA	11.66418	5.308855	18.99955	6.425488	13.49399	6.28185	16.1105	18.44379
CUST_3037_PI429010886	N13653	0.01663685	21	9	321467781	hypothetical protein DAPPUDRA	Protein metabolism	Cellular protein modification process	9.43E-150	123.3207	116.4136	132.6306	124.991	199.3048	143.7017	140.4625	119.8892	121.5342	193.5276	195.5794	190.829	167.1998	119.1399	173.8121	83.99404	175.3842	113.5376	160.2997	136.7679	182.6769	125.3559	106.4585	106.9946	130.6824	150.1329	132.304
CUST_31802_PI429010886	M2450	0.01665319	21	15	91090858	PREDICTED: similar to annexin B			3.37E-56	127.3153	218.6001	128.9375	152.9638	153.6189	161.2407	167.261	262.8559	199.982	163.2927	107.6816	134.8769	249.9933	153.8823	191.4824	181.8872	206.1048	199.0318	136.1879	193.7855	151.7575	89.35207	149.7056	123.4349	149.73	150.4929	163.8342
CUST_39836_PI429010886	M45390	0.01665543	18	12	371591210	Euphausia superba voucher 980			8.38E-145	112.3711	52.44267	81.80549	102.2726	50.34979	54.33723	82.03251	58.43105	68.50135	154.9893	69.58412	78.36365	112.5405	86.28411	72.74057	101.0861	58.67768	94.22856	69.5671	57.63804	51.23064	72.22265	46.63196	49.14925	64.06806	57.29886	70.8379
CUST_705_PI429010886	N6859	0.01665941	24	12						52.75072	51.78825	64.49711	89.68248	87.75883	62.41935	62.68299	78.17385	56.39523	76.24747	18.7867	73.37425	115.4766	110.2867	88.5599	95.61224	135.9219	73.42732	33.85933	70.15908	39.82319	45.23829	73.39823	68.24011	43.71378	46.49868	62.47784
CUST_18215_PI429010886	N39366	0.01667789	24	0						17.34464	26.04224	24.69407	17.68505	8.494969	14.97194	7.453005	16.64556	18.40907	15.63953	11.71415	15.89766	7.886951	17.95136	15.50721	27.38152	19.12988	19.83817	21.18377	16.39583	30.04801	16.30898	16.66935	19.97953	20.51167	19.53602	21.7987
CUST_55154_PI429010886	M108894	0.01668637	18	15	472820235	serine protease [Sinonovacula c	Protein metabolism	Proteolysis	9.15E-13	15435.13	18715.71	12569.14	9410.039	10764.25	8146.369	21758.66	24507.87	19522.5	15553.93	14670.24	14764.65	14526.85	11911.49	12236.09	23435.22	17167.45	20822.29	14614.52	14526.85	17589.58	14015.31	11455.94	14137.09	16452.07	10683.23	14439.79
CUST_40846_PI429010886	M56216	0.01668637	18	3	189310188	transposase [Portunus pelagicus			1.84E-22	15.7122	18.88058	18.5866	19.79661	34.50418	24.81147	16.3934	10.76826	14.23996	11.57491	8.654198	6.956141	11.67372	38.74886	7.282372	4.188195	33.75905	25.79299	12.03789	15.32902	11.86355	22.88115	32.26395	26.206	5.255483	34.76036	11.37814
CUST_46793_PI429010886	M73743	0.01668637	18	3						2408.139	773.969	1459.585	3148.451	2928.861	2668.728	751.5322	973.3791	531.0942	2325.222	1957.624	2968.824	1360.696	3017.306	2605.771	777.0993	512.6794	551.8317	784.1859	121.397	577.9786	2795.798	3082.237	3253.191	409.7628	3401.586	2010.612
CUST_10743_PI429010886	N26716	0.01668637	18	15						27.51858	75.96972	30.49064	17.6701	29.64248	21.0238	118.2313	174.4633	52.50511	40.97531	25.57119	37.10235	76.16048	25.02074	64.36702	55.21231	92.39943	80.83391	49.75454	77.50089	33.43626	10.08816	36.54404	15.80202	71.23242	73.09797	26.41463
CUST_22517_PI429010886	N47175	0.01668637	18	15						11.97777	17.213	19.21337	8.158467	16.715	8.145745	19.0327	15.84205	12.06671	8.79216	16.85534	17.03783	15.94333	13.03303	18.71717	20.70771	28.26843	29.41321	20.84466	13.37563	16.09002	11.21321	14.61052	15.82817	21.24037	25.28249	19.86967
CUST_8707_PI429010886	N23451	0.01669460	15	12	321473707	hypothetical protein DAPPUDRA			7.47E-31	71.69067	60.19335	76.30002	53.64076	47.34599	70.96595	73.14068	49.50741	69.08095	74.87652	66.63152	85.51486	79.14448	67.63991	88.58571	68.64219	71.43072	67.47234	64.66012	50.25586	60.79882	80.3181	58.63553	67.18486	80.87979	41.75149	77.57132
CUST_41673_PI429010886	M58284	0.01670018	21	5						680.2076	320.7735	847.8182	384.5219	403.7519	368.7646	301.4906	337.4051	359.587	290.0748	444.244	327.8924	339.9532	365.4954	280.5879	482.5812	963.404	564.2041	805.476	313.1767	854.3715	478.4126	360.9619	419.5373	446.6878	391.8616	590.3145
CUST_25123_PI429010886	N18481	0.01670524	18	15						9.683226	5.951493	NA	8.384592	NA	7.988043	7.006651	5.690758	3.899702	NA	NA	NA	12.47654	NA	7.462458	14.08701	2.028877	1515.59	1166.709	1421.92	1472.69	1144.859	1772.069	1399.933	1477.508	1449.959	1744.803
CUST_48735_PI429010886	M81910	0.01670739	24	3	328713747	PREDICTED: anion exchange pro	Transport	Ion transport	4.63E-36	24.53467	9.189042	22.82508	30.02506	102.5682	36.42637	17.48425	4.92688	14.02651	10.17583	65.92729	69.64615	16.96032	75.80655	85.73084	18.66823	14.96631	9.860484	4.273846	64.54198	13.9001	19.34867	7.24708	16.26708	16.42131	16.55114	17.36874
CUST_7021_PI429010886	N20431	0.01670739	24	18						417.9126	562.4363	533.9662	423.6	157.7827	315.96	438.485	488.2191	630.7177	441.3596	411.4386	432.7276	509.2951	396.2592	455.7266	552.7385	517.0058	514.6065	520.0336	536.6512	609.0112	475.7174	506.1567	613.0846	556.8156	474.7062	803.3036
CUST_8608_PI429010886	N23298	0.01670739	24	18						100.5671	185.4321	164.5654	137.8885	92.05562	84.40775	161.9124	166.3995	159.497	117.7199	141.4616	101.8893	181.4589	131.6454	143.1622	145.6336	220.9943	174.1934	150.1608	198.6089	209.2563	111.3237	173.3126	189.6097	132.329	141.1702	209.7386
CUST_8856_PI429010886	N23709	0.01670739	24	18						77.86312	90.36229	70.46471	63.71474	64.0447	93.41761	81.87749	109.5188	90.95134	63.72422	83.42667	73.89284	78.9339	73.7088	88.1883	138.6464	98.57909	139.6429	99.3998	122.622	169.7886	80.70329	110.45	98.73078	129.1607	75.56999	112.3401
CUST_24763_PI429010886	N51216	0.01670739	24	21						33.2361	20.16722	34.86478	23.22612	20.32505	26.18926	20.27243	21.92764	26.66393	37.80064	18.01013	31.52857	29.03664	21.19789	26.4046	26.2902	28.73586	26.74265	48.15989	28.78071	30.8222	46.68552	31.01077	36.64113	40.79604	29.52588	36.64369
CUST_1481_PI429010886	N9758	0.01672984	15	0	333470605	prohibitin protein [Cherax quadr			2.94E-123	28.33805	25.81706	32.76221	29.83087	18.92789	15.83889	17.41463	21.21527	24.74194	25.51539	19.77825	10.60003	15.63254	29.95378	16.42269	35.44968	36.6589	27.84463	18.70945	18.10836	18.69191	12.26651	17.5783	17.94352	27.42138	28.02939	30.0529
CUST_9445_PI429010886	N24637	0.01673898	24	21			Cellular component orga	Chromosome organization		1063.435	2386.8	1417.404	732.0587	936.2266	764.5562	1042.247	1164.632	1573.048	1001.688	802.1705	868.6022	739.3679	779.344	724.4063	1015.827	2028.877	1515.59	1166.709	1421.92	1472.69	1144.859	1772.069	1399.933	1477.508	1449.959	1744.803
CUST_12920_PI429010886	N30274	0.01673647	21	0						44.87713	46.53342	55.56698	28.1079	35.46315	32.97743	40.09585	47.59455	53.50459	39.21711	41.7466	25.55884	21.3257	36.57741	30.2584	23.39833	41.94644	45.31745	23.80052	49.42933	39.07837	69.67842	52.28327	63.78974	20.11563	38.35932	29.55174
CUST_18417_PI429010886	N39762	0.01673902	24	0						287.4074	287.3401	338.1196	263.9734	174.3407	240.4351	235.6895	289.6241	297.6356	255.3925	225.6648	267.0346	281.4753	232.1999	244.5822	339.4175	312.3683	295.8069	435.6254	251.1346	411.5622	401.9784	284.4024	318.482	453.3141	319.8028	438.6999
CUST_32277_PI429010886	M3688	0.0167423	15	12	443721461	hypothetical protein CAPTEDRAI	Symbiosis, encompassin	Viral process	7.48E-55	14.99207	13.08598	10.83531	NA	8.243972	4.878495	5.556362	NA	7.056582	13.40595	7.027807	12.92087	13.28376	13.88944	NA	8.1002	11.18434	12.7897	15.81411	8.863377	7.069413	NA	9.764026	6.040325	15.95307	12.46897	7.151367	
CUST_390_PI429010886	N4792	0.01674231	15	6						1825.053	1964.046	2240.494	1766.713	1846.233	1228.932	2097.341	2363.552	2782.49	1679.651	2287.533	1705.593	2895.969	2043.437	1615.517	889.382	1530.86	1536.792	1457.293	2002.791	2275.002	2210.04	2420.859	2308.81	1870.445	1902.67	3706.021
CUST_30338_PI429010886	N61663	0.01676391	12	0						631.4625	863.5664	639.8078	549.3721	453.4842	583.1603	484.3203	454.3052	566.4722	567.871	493.9591	507.5036	410.4537	680.5705	732.0587	671.2531	596.5924	664.0464	636.3867	476.7459	554.8747	702.325	591.786	713.6664	744.7409	610.9907	841.3097
CUST_43587_PI429010886	M63421	0.01687565	24	18	54042615	arthrodial cuticle protein AMP6.			3.27E-15	783.6564	637.6043	1015.318	1238.715	962.741	577.1013	1342.206	866.3088	1142.815	1049.887	1035.146	510.5943	2206.592	806.5559	1142.458	989.4983	1805.629	1649.323	1701.286	3190.966	3683.886	1444.952	1614.735	1595.825	2125.115	1909.699	3124.619
CUST_13519_PI429010886	N31320	0.01683286	24	21	291225494	PREDICTED: NADPH dependent	Cellular Process	Cell death	2.63E-38	24.36566	28.86297	30.6146	17.21141	24.73091	17.22771	20.90135	32.73463	27.51681	18.34193	21.48216	17.36938	27.95071	19.29772	27.2791	34.71439	28.09462	31.07591	24.39028	29.4575	30.99477	29.52588	32.71622	32.94858	20.61453	18.91474	32.08211
CUST_30776_PI429010886	N62647	0.01683286	24	15						17.46154	19.30987	25.56702	12.9512	13.84795	14.70794	20.13731	10.01527	20.9985	20.43485	12.49181	10.07565	22.10734	17.79044	18.23643	19.65735	25.77932	25.20922	22.44752	20.69224	13.33253	20.33173	18.44938	22.53368	17.29448	15.35298	19.44615
CUST_32088_PI429010886	M3204	0.01683671	21	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_6701_PI429010886	N20481	0.01715066	24	15	345495267	PREDICTED: general transcriptio			9.17E-19	58.46402	82.62828	71.08646	63.82525	56.66348	64.58573	76.17615	66.96376	76.92175	93.57741	65.80074	68.52496	94.57461	72.31873	73.3591	90.78766	79.62038	91.93441	87.80111	79.06068	67.3007	63.03855	70.13338	85.22534	94.27306	70.98403	86.32974
CUST_52792_PI429010886	M98926	0.01715311	24	0						53.8298	73.37425	75.41256	50.6306	37.39308	47.94598	56.56581	52.03911	53.52013	48.8586	34.67614	36.79006	52.70059	57.13485	49.8658	58.54288	71.03566	51.53362	44.00986	54.57944	64.59327	30.905	66.31625	45.61863	69.09764	57.53971	63.95679
CUST_51326_PI429010886	M93085	0.01715482	15	3						58.1845	18.13981	31.10668	52.24098	37.72215	34.73799	23.60361	46.17834	39.16757	20.28215	27.57123	22.76835	8.761485	24.06037	15.97275	20.41963	24.78021	21.92588	23.57416	35.40562	16.66622	28.58437	36.02528	21.1933	13.5245	20.87837	19.29327
CUST_46649_PI429010886	M73295	0.01718081	21	0						71.25639	62.68299	57.33149	56.66829	59.11715	48.68665	42.76898	56.96365	54.0151	55.92368	58.28361	42.46222	52.96326	41.01272	63.59136	45.61863	57.60969	61.21971	61.28823	64.82247	63.50827	55.68441	67.81869	85.40783	36.14198	56.94521	83.51378
CUST_3930_PI429010886	N15602	0.01723539	15	6						1652.642	3235.804	3798.572	2579.047	2021.719	131.2392	2937.545	3513.064	6809.882	1012.891	1658.691	882.2277	2374.203	987.5397	686.6456	797.1924	890.2317	922.5025	5578.907	3890.917	7415.157	2867.707	4610.9	5777.198	4023.648	2873.993	7769.948
CUST_44797_PI429010886	M67035	0.01723727	18	3						28.98015	23.08008	40.98681	59.88108	51.261	41.73123	30.03498	28.72644	25.91869	54.25668	127.2978	38.55552	68.49163	51.42014	16.29003	24.7223	12.4892	27.16164	25.94197	32.82562	26.42527	83.25572	99.61307	66.79456	29.8647	100.7491	50.0131
CUST_49527_PI429010886	M85979	0.01725571	24	21						18.97663	34.09891	53.78431	25.3148	117.8448	32.7202	6.574572	31.04885	41.0528	19.21128	39.30626	35.27964	21.66483	29.77371	29.66274	20.12578	19.73975	30.88831	32.22863	111.2462	131.771	115.908	114.9362	73.79944	62.7534	53.95752	137.524
CUST_886_PI429010886	N7700	0.01727014	24	12						4.6239	7.415808	NA		17.26425	20.49843	10.54562	8.162471	8.499991	12.45594	12.15207	NA	20.98914	13.81248	28.06923	14.5111	19.03648	14.47477	19.54026	7.585969	4.652073	3.879057	10.441	12.24304	19.01967	8.499991	4.427185	9.101709
CUST_57265_PI429010886	E3160	0.01728466	18	3	220172369	cuticle protein [Rimicaris exocula			2.12E-09	1914.352	39.91801	1556.87	6506.137	2618.303	4875.223	227.3555	387.4512	480.2531	4655.696	8827.334	3292.245	4342.518	2687.973	3755.671	32.36331	46.59051	38.0933	496.9611	551.2795	438.6999	4685.458	3295.67	5048.826	634.2073	1594.029	2201.915
CUST_45027_PI429010886	M67759	0.01728711	24	18						34.02124	25.64786	25.05534	17.06435	24.87517	4.668232	10.12124	9.136292	13.29617	16.34992	25.68422	16.6131	9.827764	20.70448	21.12176	15.85755	28.72644	19.18145	43.07453	38.29632	25.43012	15.15512	24.19535	24.71696	26.87774	41.58423	66.60304
CUST_48516_PI429010886	M80754	0.01728711	24	15	238683637	glyceraldehyde-3-phosphate del	Metabolic process	Oxidation-reduction process	1.64E-25	2060.105	5435.742	3879.479	2219.678	2451.472	2219.678	2507.724	3295.67	3368.791	2583.285	2895.969	1940.134	2855.927	3212.539	2434.185	3499.526	5617	3988.54	3120.055	3763.397	3384.461	2893.96	3590.769	2937.545	3258.199	3434.818	2879.516	
CUST_36704_PI429010886	M16593	0.01728836	21	9	471408392	PREDICTED: dual specificity prot	Protein metabolism	Cellular protein modification process	8.76E-40	64.20079	62.92982	61.22809	91.73279	92.22131	94.97719	140.7362	82.52242	90.73151	137.2826	80.81117	114.0013	116.7899	57.72502	81.96005	111.4237	83.50325	89.87221	122.3789	64.69656	79.22393	83.9013	80.39714	58.13776	87.16322	91.26396	71.21793	
CUST_32806_PI429010886	M5151	0.01729939	24	12						4.773427	7.796517	NA	3.775078	5.456703	NA	9.262956	NA	13.82584	NA	6.279198	NA	13.79063	7.011775	10.05997	6.699326	8.098927	9.598517	NA	5.998488	6.942392	9.935802	5.559073	6.663215	6.264574	NA	6.531481	
CUST_24720_PI429010886	N51145	0.01730314	18	3						6.202056	10.36172	5.309361	NA	10.82105	NA	9.078909	11.63897	9.88254	6.829023	4.797128	6.836029	5.848596	9.335472	4.943533	13.72472	8.929849	13.77125	14.7781	8.455242	4.230836	13.08456	12.68845	13.57202	15.11126	6.653114	11.54932	
CUST_57143_PI429010886	E1475	0.01730732	15	9	241725974	guanine nucleotide-binding prot	Metabolic process	Other	1.44E-14	171.436	280.5224	212.8941	188.0944	167.0808	153.7401	209.8119	231.0435	217.7635	275.9447	212.4893	244.0506	179.9541	201.8019	240.1963	266.4734	258.1565	278.8807	220.3217	179.8173	188.767	223.9415	214.2802	254.5783	258.4714	234.791	290.9304	
CUST_9020_PI429010886	N23942	0.01730732	15	9						35.01636	28.41463	42.6519	33.67973	16.7377	26.16822	31.66129	21.95009	30.89721	37.7689	32.8731	36.1964	34.33222	21.82549	35.47671	42.065	37.90412	36.68361	26.55873	22.88663	23.12759	41.62674	41.06053	36.00722	60.67275	38.61632	51.00442	
CUST_10692_PI429010886	N26637	0.01730732	15	3	321472818	hypothetical protein DAPPUDRA			1.08E-19	250.3014	262.7505	19.31126	575.8046	908.0084	1192.533	614.7112	774.5071	425.2574	104.6457	231.1683	167.7963	269.7799	357.575	363.297	308.5071	300.0533	100.8435	815.7902	848.9964	508.6367	79.31808	1010	60.0855	73.21671	714.0141	7.461548	
CUST_49442_PI429010886	M85654	0.01731766	12	3						255.3925	195.4747	236.5379	242.474	257.241	312.8082	215.5592	227.4234	222.8685	194.4561	204.4319	221.7872	219.8774	235.6105	230.8178	258.1145	234.7298	240.603	229.7477	230.4127	232.6083	194.3126	247.7871	243.6189	257.6508	238.4366	
CUST_40744_PI429010886	M55985	0.01732751	24	3						52.42496	38.02217	44.09481	54.33188	47.32106	61.26619	46.00245	47.71964	41.99895	53.92132	30.72933	53.69322	45.142	36.48523	42.39291	56.70679	57.02244	38.33215	33.66699	32.06842	37.33345	35.4224	38.65654	38.49859	34.79498	38.9748	40.2252	
CUST_10858 PI429010886	N42331	0.01732751	24	21						61.70924	69.84655	79.31123	50.0131	50.24098	46.73964	49.71921	55.8366	67.23484	53.05277	81.4132	74.26533	50.8307	77.91051	89.59602	48.65443	90.58585	83.45736	67.95059	70.28135	110.7082	57.21256	86.37995	102.3598	53.23206	105.5941	
CUST_23773_PI429010886	N49441	0.01732751	24	18	321461754	ABC transporter [Daphnia pulex]			2.43E-21	56.47386	59.79025	65.66275	38.62391	21.24037	32.96543	40.82537	52.8767	54.75432	60.09389	42.8003	50.3744	58.19234	39.14498	68.55128	75.15569	38.95566	61.83411	97.93073	54.17106	95.83012	106.2768	42.55235	84.10297	114.4006	52.40731	107.935	
CUST_44689_PI429010886	M66680	0.01733727	18	3						254.459	155.6724	197.1967	511.9251	193.7362	549.5192	160.4236	229.1648	156.9414	471.2164	603.9154	491.802	410.5544	383.2384	109.0546	130.828	171.5033	116.8754	217.0412	238.025	157.7724	419.0196	622.1839	565.3173	185.8887	567.0251	344.1561	
CUST_34013_PI429010886	M8501	0.01734018	18	12						96.9319	121.3422	113.469	110.9089	102.9823	91.19065	103.7569	118.6368	96.64158	94.86558	116.2009	116.0897	125.2728	115.2129	132.952	93.74241	133.6449	123.7768	118.7214	97.00725	82.77125	92.64515	91.34986	93.84738	82.51294	107.509	138.9837	
CUST_42896_PI429010886	M61542	0.01734814	24	15	77743875	Euphausia superba isolate DGGE	Protein metabolism	Proteolysis		3205.37	3796.503	2322.285	2102.006	1491.134	1513.832	5032.372	4482.635	4140.108	4870.528	2883.204	2419.664	3503.626	2692.671	1400.583	6292.839	3549.354	5564.697	2692.671	3452.681	3777.656	3513.064	2288.957	3039.361	3333.312	2159.534	3408.763	
CUST_57318_PI429010886	E5489	0.01735484	24	15						61.0985	110.8072	147.5021	45.84356	14.44887	24.72495	131.8934	60.93307	99.19887	124.4425	28.83489	57.30682	128.3867	69.07482	37.05862	102.4313	175.0487	169.0416	100.783	84.2744	130.9003	60.86142	88.08839	83.44953	117.2299	83.97595	128.1046	
CUST_53119_PI429010886	M100278	0.01735865	24	15	241747449	conserved hypothetical protein [			9.19E-13	52.76723	41.70713	41.57252	51.68111	44.67899	48.21063	48.70868	54.15073	63.63996	64.56632	42.81475	76.34956	58.3384	58.46402	47.93963	53.61862	64.79523	74.62293	41.20033	59.00011	61.62446	58.24276	57.70575	77.03919	47.20876	39.83652	56.46685	
CUST_30683_PI429010886	N62390	0.01737654	21	18						19.92002	18.24693	14.15358	17.88521	8.599165	16.42269	8.473586	11.6712	15.75178	19.1841	8.738418	NA	22.20534	20.10978	15.16406	35.65778	20.66717	17.74883	20.62243	21.99164	24.50769	22.78614	12.30953	16.44032	27.39752	15.2696	28.44753	
CUST_40252_PI429010886	M52131	0.01737708	24	15						154.9154	104.7711	126.6732	201.4635	116.2734	199.1442	107.3952	84.28713	98.50388	143.2785	88.24057	125.1706	43.72166	116.6823	66.02134	360.6127	199.1806	440.1079	237.6384	225.5545	211.0809	298.8084	104.7454	231.3331	327.9636	115.7057	223.7463	
CUST_53623_PI429010886	M102543	0.01739867	15	9						58.74713	54.49467	51.51478	63.41449	197.6734	136.6874	56.21355	54.67791	64.74689	73.62565	117.8448	152.5742	82.55332	74.86678	97.93073	72.11693	40.10788	64.59327	69.77877	72.34444	58.08057	77.3983	55.43214	88.1883	91.73279	85.25564	112.7474	
CUST_2005_PI429010886	N11293	0.01743010	18	15						2883.204	2889.672	75.87682	112.445	226.6524	1033.621	1401.718	2231.56	484.3203	76.33415	141.1345	194.635	149.0714	1266.211	123.8699	3247.587	2398.339	2779.473	1949.314	906.8146	1689.176	NA	1736.886	NA	362.0388	2257.369	19.47777	
CUST_17736_PI429010886	N38502	0.0174711	15	6	156549020	PREDICTED: protein FRG1 homo			2.63E-31	6.546863	15.929	15.46124	16.58358	9.025697	9.181284	28.4735	21.27915	24.91804	12.52305	9.713824	13.93501	9.320269	15.38634	6.391026	13.54422	20.00439	20.73675	11.65887	18.69988	13.74025	17.12042	20.31267	18.90266	17.47317	5.414126	23.798	
CUST_52080_PI429010886	M96351	0.01749575	15	6						11.76947	14.43107	12.17483	15.56129	10.23947	12.85464	18.57773	12.41089	22.8581	14.11853	NA	13.27288	5.582954	NA	5.461689	8.858158	13.25495	15.42768	NA	6.718737	7.490317	NA	16.52918	14.47877	7.344785	10.44609	8.889617	
CUST_41919_PI429010886	M58882	0.01749834	18	3	512918045	PREDICTED: phospholipase A2-li	Metabolic process	Lipid metabolic process	2.6E-23	124.9582	46.39912	112.0182	148.0504	91.08467	103.3038	65.70417	33.2143	60.30099	98.43645	140.8978	117.5273	124.991	78.65231	85.72132	30.6586	64.11411	43.61117	72.90397	82.29898	63.42796	180.6161	129.0645	165.0194	41.77489	78.77099	128.0247	
CUST_629_PI429010886	N6402	0.01748334	18	3	527199209	hypothetical protein M569_076			3.61E-11	140.6785	142.0601	117.2201	312.9583	548.1274	462.0354	162.3371	128.8131	91.02301	186.2473	434.7194	421.0625	220.5131	232.6717	293.2244	128.78	204.3745	138.2596	226.4976	274.6135	171.912	363.6624	363.8565	347.5429	218.3332	282.0632	276.6101	
CUST_19513_PI429010886	N41690	0.01749658	24	3						15.36685	24.29655	7.348066	13.92104	25.34518	23.27767	12.07025	21.8116	17.213	41.09	17.67823	7.918292	16.3304	NA	7.660563	12.93095	6.325259	3.558745	7.45436	14.71712	5.714878	18.45165	13.50478	18.85615	9.11553	17.99751	
CUST_32384_PI429010886	M3981	0.01750725	18	12	91086121	PREDICTED: similar to adenine p	Metabolic process	Nucleobase-containing compound met	5.42E-47	40.94392	82.57504	42.96548	33.9905	38.46589	43.20908	23.29521	58.95577	30.86801	43.8076	76.19235	65.28031	61.42589	44.93169	74.46237	30.88603	59.70409	33.15012	32.62087	56.71352	59.05616	36.45495	40.82537	36.96718	33.19205	72.637005	31.18737	
CUST_7471_PI429010886	N21595	0.01750804	24	18	345489380	PREDICTED: multidrug resistanc	Transport	Transmembrane transport	1.85E-92	62.16915	49.62618	80.41731	48.32944	29.31887	40.59456	44.69809	62.22572	76.47464	59.55202	44.77327	35.99913	67.96036	41.14081	60.25264	61.4814	50.73868	69.82715	97.32812	74.43638	92.17501	71.63426	48.87241	57.30682	127.5138	89.91214	90.03155	
CUST_20523_PI429010886	N43605	0.01750804	24	21						74.05592	91.27426	87.53029	93.89302	100.159	91.52744	86.73529	88.42474	74.73696	75.30381	99.53837	113.9699	95.83012	100.0738	104.5741	104.3593	104.4062	105.5804	106.9545	102.6632	87.9342	103.3038	119.7806	104.9226	99.6269	97.01999	119.3101	
CUST_11681_PI429010886	N28230	0.01751457	24	15						83.09656	96.03692	108.7311	74.95343	70.7916	78.17385	84.34054	92.46133	87.48976	91.84111	88.27501	89.99586	108.1041	81.35177	133.6449	109.0071	128.9375	103.8438	85.22534	106.4017	112.0316	113.1381	122.7362	95.83012	126.6578	88.60558	127.9102	
CUST_18128_PI429010886	N39202	0.01751457	24	21						21.36854	39.86943	35.6426	21.07339	38.14824	33.44269	19.66736	29.35282	33.58881	12.00855	26.41463	28.34234	21.01951	22.77605	32.96543	50.77623	30.63415	32.52246	64.37978	31.06867	31.9432	58.05044	35.77181	31.91281	55.43214	27.3523	39.52957	
CUST_30274_PI429010886	N61534	0.01751457	24	21						117.6651	101.8399	110.7082	114.2468	100.1152	58.93364	89.57069	74.23643	106.7994	92.47181	87.46732	71.4584	138.3677	85.53397	95.42344	65.42578	72.11693	103.9866	112.4404	102.1812	127.1117	122.4622	134.4304	109.4907	182.9511	91.7443	191.4824	
CUST_56318_PI429010886	M113486	0.01752883	12	3	524902995	PREDICTED: cubilin-like [Aplysia			0.000000433	704.9081	377.9818	648.9592	1143.807	312.1666	592.215	121.3825	1376.514	844.8862	343.9474	198.3747	38.04316	460.9197	578.3316	194.3971	128.693	815.2223	1228.932	1763.47	996.7263	1907.271	268.1907	138.3467	75.31986	1273.044	412.604	661.8815	
CUST_46671_PI429010886	M73364	0.01752883	12	3						170.1396	258.7439	56.50958	145.393	266.0382	280.0915	254.0305	325.9381	154.5921	163.338	173.3624	144.7781	188.1296	210.2979	185.0283	325.7976	321.8933	290.3829	126.327	186.5368	136.8093	75.81657	174.4041	94.63322	113.3335	249.1748	41.86279	
CUST_12378_PI429010886	N29374	0.01752968	15	6						6.148542	8.748029	8.282821	16.56329	NA	9.48972	13.2336	15.73263	20.28215	7.610237	8.258083	NA	5.916014	6.569065	NA	6.258419	18.72412	9.609273	3.610982	NA		4.481343	19.68859	14.89626	15.78875	10.13279	10.35947	NA	
CUST_53302_PI429010886	M101186	0.01753382	24	3						467.458	16.68416	431.7294	445.1432	1288.693	999.5752	20.141	53.8169	27.97133	102.411	752.4222	896.6099	46.23157	1060.229	802.4687	18.48018	16.59861	16.8338	9.738777	57.10009	10.89646	158.3928	33.29327	103.5646	24.42859	78.58014	13.72334	
CUST_42068_PI429010886	M59311	0.01753382	24	18						81.30602	84.72348	96.81529	72.58638	58.36343	70.53623	96.37995	91.98987	71.45149	114.6133	79.00471	87.21789	91.41914	92.52233	70.67017	112.5544	77.66076	100.0233	186.302	83.84766	118.2645	126.1702	92.0968	100.1798	136.0065	77.8161	118.6368	
CUST_34031_PI429010886	M8556	0.01753382	24	6						50.4056	51.3517	13.18326	24.62442	106.8102	114.7972	70.20407	69.79983	77.57976	23.3163	61.49909	57.13485	18.19011	60.82571	43.13936	52.6471	30.99758	24.94228	26.67588	83.49206	23.1743	15.46124	31.24606	10.04216	28.97134	90.29464	16.64556	
CUST_50787_PI429010886	M91012	0.01753382	24	21						40.64205	53.04169	35.20827	47.83813	42.92276	33.29327	36.40347	42.29849	43.75819	39.11401	40.3475	44.74977	44.37034	43.20383	39.88097	43.92043	47.45455	45.50498	37.22016	53.69322	48.25642	50.55101	59.70409	60.4658	42.065	36.95845	68.09581	
CUST_1655_PI429010886	N10357	0.01753382	24	21	149424094	PREDICTED: eukaryotic translati	Protein metabolism	Regulation of translational initiation	9.1E-73	9.429304	33.54341	30.18014	20.52286	34.49352	22.60699	7.633196	27.70466	16.06359	27.31187	52.08619	22.72787	16.73896	30.84327	29.58887	28.49131	39.8934	37.69532	18.81483	42.07458	33.29588	35.13853	46.73349	33.32412	31.66604	29.22014	38.00971	
CUST_8043_PI429010886	N22459	0.01753382	24	18	301131536	thrombospondin protein [Penae	Metabolic process	Carbohydrate metabolic process	1.63E-08	2092.723	1797.322	1938.127	1036.158	268.4876	488.7695	3222.8	4522.071	3525.214	6491.663	3029.351	1138.567	3643.551	2368.349	2629.319	5900.066	2624.318	3303.981	6333.445	4700.854	8578.507	3331.860	5190.543	2566.656	5578.907	3331.860	5190.543	2566.656	
CUST_11298_PI429010886	N27582	0.01753862	24	18						223.3777	305.6562	292.8255	207.9512	269.0492	197.4586	268.5317	238.8236	275.1575	290.1517	273.2424	265.4961	378.627	252.8102	325.3527	268.869	251.2413	252.1189	327.4051	355.2635	465.8295	342.6821	347.3018	389.5477	309.5645	296.3981	460.3468	
CUST_11508_PI429010886	N27587	0.01753862	24	21						38.73078	99.99609	87.67172	81.48573	76.96435	65.97226	74.95343	80.58239	60.55423	108.568	79.67772	96.84289	102.2621	69.44476	99.54889	89.70336	89.67162	83.44255	88.37825	94.92176	131.4985	83.32737	93.65552	129.3077	93.2265	129.3077	93.2265	30.8074	
CUST_16292_PI429010886	N35986	0.01753862	24	18						277.3623	310.5741	325.2782	314.9794	263.1307	242.2901	395.4036	282.4469	319.6543	362.9291	217.3409	313.993	426.4459	270.2277	350.8666	411.5622	293.6477	400.2135	415.4114	353.5795	455.4195	362.2694	312.8082	392.057	412.9087	220.7429	389.5477	
CUST_786_PI429010886	N7314	0.01753862	24	21						38.37232	43.74801	43.86283	54.26863	36.70398	36.77637	27.54194	36.29792	22.17612	48.13265	34.62127	39.38283	47.83813	28.16926	39.27561	40.30891	39.78508	37.07109	46.78844	39.82319	31.39279	63.40282	46.06104	42.12383	39.86612	49.4765	49.35536	
CUST_38852_PI429010886	M31233	0.01754829	12	9						5110.752	1647.162	4998.113	5550.987	2742.804	3095.903	1851.473	2862.188	3629.795	4121.132	3882.503	3902.533	1111.25	4461.089	7376.103	573.9026	602.7354	1088.703	4334.63	3376.686	3212.539	12963.97	6343.146	7577.055	4061.362	2146.15	7232.62	
CUST_35944_PI429010886	M14041	0.01755909	24	3	1853977	sodium/hydrogen exchanger [Ca	Transport	Ion transport	1.51E-23	41.25004	9.373767	42.35625	55.56014	43.85961	64.20079	22.94104	14.51805	13.80069	29.74537	33.88742	52.83788	35.78012	20.61453	53.15363	13.96051	6.830046	21.9826	20.70212	25.45483	18.67083	54.0024	24.7753	42.83292	33.53984	23.2019	34.47208	
CUST_37313_PI429010886	M18586	0.01755909	24	15	506968059	ribosomal protein L19e [Coptote	Protein metabolism	Ribosome biogenesis	1.61E-59	19287.83	31801.71	30065.36	25403.62	22037.75	20501.42	33402.18	29219.06	31659.39	27577.78	22946.38	24341.41	29037.53	26567.15	10156.68	33963.44	36406.05	38996.88	28658.52	31801.71	31801.71	22221.29	25792.96	24659.23	25463.11	29520.35	29294.9	
CUST_44342_PI429010886	M65669	0.01756519	24	0						16.70465	17.13689	17.85189	21.55177	10.54823	12.88736	14.24675	12.47302	15.4109	10.6926	10.45264	12.66652	9.365338	19.30617	12.26023	16.11644	12.59938	20.23797	16.95258	11.00412	11.21321	19.43935	15.40011	14.72662	23.20614	14.01446	26.88006	
CUST_48691_PI429010886	M81674	0.01757256	24	12						4.366124	8.701063	14.07796	4.404828	32.77954	NA	10.50904	NA	9.89482	11.13203	12.96468	11.79955	15.96403	17.429	20.42404	5.934466	15.71	7.053682	44.98293	4.927679	3.893395	9.34077	3.032156	7.648589	NA	10.83046	4.822457	
CUST_257_PI429010886	N3034	0.01760407	18	15	167522142	hypothetical protein [Monosiga	Protein metabolism	Protein folding	1.1E-72	5227.74	12191.65	7886.969	5525.521	3356.595	3890.917	10699.09	8827.334	8818.425	7568.31	4852.406	5630.843	7203.647	5265.552	4772.224	11339.63	12288.42	12402.11	8430.296	7337.918	10394.61	4715.833	5814.883	5814.883	8042.108	6873.81	7966.321	
CUST_20076_PI429010886	N42768	0.01760407	24	18						80.68221	77.15711	86.49398	70.37823	72.5607	73.69276	83.05204	88.71852	96.59602	78.18913	96.5246	78.38177	98.88646	95.64524	90.41336	102.1346	104.7593	83.05204	128.2695	90.83407	82.72734	120.0035	107.6017	85.97141	132.0358	88.06844	90.1637	
CUST_16144_PI429010886	M35729	0.01760627	12	0						6.621148	8.150003	8.188858	6.839166	NA		4.624193	3.852703	NA	NA	10.10148	3.719525	9.445121	12.62841	12.36822	7.35203	4.666243	7.368945	4.307627	3.501373	NA		5.659483	7.005696	12.00855	NA	6.990911	10.06668	12.21743	
CUST_25590_PI429010886	N52698	0.01763785	21	9						14.1426	11.42048	10.35153	7.55889	55.98105	54.02066	19.67697	11.12358	10.4399	NA	36.19278	55.15568	13.89788	38.70148	61.39194	25.66849	16.03034	14.46087	16.00437	14.60762	18.81696	NA	11.65098	6.281077	11.86651	22.8513	5.004566	
CUST_32615_PI429010886	M4579	0.01763965	24	3						117.2948	7.494165	111.1784	119.2089	305.1178	266.3762	6.721195	12.91333	76.33415	35.68286	134.7253	185.0545	23.51724	235.4202	167.4144	NA	8.490098	5.2497	13.42334	35.27117	8.875287	49.80766	31.38536	56.05872	42.62368	37.18674	15.97033	
CUST_56275_PI429010886	M113345	0.01765793	12	9						38228.71	232.4494	33838.77	39213.8	27918.92	36195.31	1946.675	2310.632	4305.784	52815.17	38228.71	46458.58	49113.82	18758.28	40915.77	494.8296	193.9037	750.0607	470.854	7439.177	9727.143	39713.59	40915.77	40415.13	11836.96	36302.66	40595.56	
CUST_46733_PI429010886	M73551	0.01769414	12	0	157107610	hypothetical protein AaeL_AAEL	Signal transduction	Other	1.69E-22	28.16113	17.55051	22.42351	14.30523	15.13759	19.04797	11.34354	7.590267	17.03213	17.72698	22.75207	19.87929	13.39577	11.22739	23.73245

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_19802_PI429010886	N42223	0.018019382	21	0						7.292117	8.282821	7.140165	4.349279	9.092038	6.503833	NA	3.70724	4.543983	NA	6.592192	6.001367	NA	NA	6.796162	7.026862	NA	4.952547	NA	5.971284	5.412201	11.02607	5.687449	11.38568	3.747773	5.52076	7.487104
CUST_29123_PI429010886	N59244	0.018024492	18	3						52.96757	44.31359	49.89252	47.07055	50.72554	48.99934	57.12065	42.41648	39.23752	62.08412	26.6468	43.30339	40.11539	32.05226	38.18197	40.4062	34.76036	42.44272	45.08105	39.65854	41.73602	48.10521	50.22696	42.3598	35.21261	38.19516	41.32287
CUST_49310_PI429010886	N83137	0.018026762	24	0						15.38937	19.12390	20.12395	10.60003	11.02607	6.380752	16.26856	10.75031	12.76284	8.796309	NA	8.71204	9.141868	8.61713	NA		5.963077	9.459821	NA	9.96729	12.47654	11.75627	8.447449	21.61569	7.029612	5.612247	18.96877	16.14215	8.184195
CUST_31871_PI429010886	M2623	0.018030555	21	15						57.77356	1364.845	144.6493	525.7914	82.21745	494.0593	1368.726	871.592	172.783	703.4578	523.9454	247.1564	1052.264	550.6893	832.328	1379.279	1275.515	1941.997	447.0887	45.42128	313.7912	342.6036	199.908	392.9019	681.2288	636.9918	75.95345
CUST_23793_PI429010886	N49480	0.018034413	24	18						43.62652	17.03934	49.96679	90.22636	63.66074	NA	66.1472	43.31704	88.68681	27.36008	38.78289	27.20014	151.8772	91.61189	28.47997	40.47381	16.46833	42.03616	154.9893	163.5388	126.0081	88.69555	93.44995	63.02678	85.89725	12.58686	92.26014
CUST_9283_PI429010886	N24369	0.018049259	24	21						597.7182	731.8145	718.4732	573.2384	541.2118	451.8198	389.6444	461.906	492.0502	589.5468	603.766	499.8092	556.2705	467.0581	635.1199	754.9422	564.2041	635.9298	551.5575	463.8737	523.4696	751.5322	578.3316	757.5703	777.9259	510.9141	1020.798
CUST_39868_PI429010886	M45936	0.018079357	18	3						1026.869	71.46735	1079.588	1058.746	1057.612	1083.848	337.9981	233.9171	487.4115	684.5912	776.4904	933.0577	892.7134	738.8137	1429.079	159.0077	94.21867	182.1611	435.2817	221.596	444.4782	1768.674	894.7312	1522.629	147.1247	526.4775	874.6609
CUST_48704_PI429010886	M81733	0.018079357	18	15	156179574	defender against apoptotic deat	Metabolic process	Carbohydrate metabolic process	2.85E-14	524.0943	1371.161	789.6051	482.5812	405.6944	444.3539	987.5397	909.4866	844.6913	798.0084	580.9599	649.314	517.9425	679.9519	496.1354	1038.339	1610.862	1470.868	541.6936	772.5597	873.9122	480.5983	660.4277	620.4556	809.5406	720.5302	763.2886
CUST_5771_PI429010886	N19173	0.018079357	18	15	380030253	PREDICTED: pre-mRNA-processi			6.86E-143	15.22691	24.58293	21.65945	8.995322	17.5689	11.16309	20.0391	18.61955	27.77264	20.90896	21.38085	11.1375	13.34397	19.85896	14.12473	24.83115	33.77215	30.23961	19.04014	20.65415	22.69882	13.22574	11.15725	21.33066	27.38152	16.72046	19.22503
CUST_10749_PI429010886	N26725	0.018079357	18	3						218.6368	77.8161	134.6275	182.0409	403.2127	343.9474	130.8147	139.8095	158.0297	103.8566	338.993	164.6109	236.013	248.2615	280.8283	42.62368	24.68337	30.35094	176.3429	194.3553	127.3153	173.332	289.9011	251.0374	88.0075	324.4202	127.7621
CUST_7872_PI429010886	N22201	0.018098537	21	15	321478252	hypothetical protein DAPPUDRA	Metabolic process	Cellular amino acid metabolic process	1.1E-108	8.908017	22.142	16.63046	NA	8.72861	13.16313	16.40816	17.67823	17.54223	6.429065	12.99454	9.632394	13.97125	13.8182	14.31392	19.4056	19.99907	22.57092	14.78891	21.82795	22.94579	17.68234	12.80557	13.57661	15.90721	18.52406	12.43185
CUST_46448_PI429010886	M72672	0.018122476	12	0						374.4283	173.259	168.2866	144.474	28.14237	127.6534	21.91441	27.07259	31.31216	219.0011	2187.303	40.14947	186.1647	160.6506	25.70782	30.35424	48.38982	18.23229	24.07412	23.89085	12.40192	29.39693	45.9767	15.87405	27.82474	121.5027	119.4159
CUST_30450_PI429010886	N61923	0.018122476	12	0	195429355	GK19544 [Drosophila willistoni]			1.42E-13	21.73892	13.2716	27.46007	18.42762	21.80414	26.38383	11.69458	19.44615	10.76649	17.07816	15.01034	19.99489	13.24894	22.82925	28.31242	11.82291	19.14658	19.3323	8.275803	14.9436	16.18715	20.81559	28.79811	24.34094	21.85018	23.82015	27.9424
CUST_46352_PI429010886	M72339	0.018125971	24	15						558.6463	580.4723	551.0918	572.3479	364.1244	410.8005	592.0137	444.046	447.0887	658.5111	495.7052	564.6439	692.5483	375.6666	533.6749	695.8214	672.5292	719.0646	688.887	505.6819	625.2657	667.9516	452.4209	637.2271	1028.106	603.766	677.9076
CUST_34253_PI429010886	M9171	0.018135915	21	18	321459320	hypothetical protein DAPPUDRA	Protein metabolism	Other	1.65E-10	59.85233	77.06177	78.86032	57.25934	45.99276	45.63539	34.77477	65.1725	55.27672	50.53473	56.59098	46.81135	55.8366	42.28696	39.94084	69.85306	99.71725	67.91644	93.47893	64.84578	100.8962	57.37441	56.39523	55.33608	85.13676	87.96067	88.78315
CUST_2967_PI429010886	N13499	0.018140315	21	15	383861057	PREDICTED: uncharacterized prc	Protein metabolism	Cellular protein modification process	6.54E-112	50.22696	50.00334	62.68994	58.02072	55.128	52.90722	37.58094	51.23064	52.18323	47.90984	43.86995	43.99536	56.89319	38.03045	52.59937	124.4582	71.09432	62.19095	43.88916	56.30846	55.62648	46.36381	55.04966	58.62146	56.06577	44.55836	57.95506
CUST_34642_PI429010886	M10218	0.018152704	24	18	291221228	PREDICTED: nucleolar and coilec			5.49E-11	121.9822	159.5977	131.1419	149.8334	119.7663	98.79304	152.3312	162.5329	173.259	221.8856	122.4755	140.1401	227.5418	126.2182	91.51354	190.613	183.7819	192.8532	205.6244	167.3103	269.3499	202.7719	131.375	183.3329	201.5828	155.7969	183.8614
CUST_54447_PI429010886	M106057	0.018152704	24	21						23.20911	19.72255	30.10556	27.58739	18.51484	20.34912	14.16364	17.10366	19.73488	24.12669	24.9094	22.84451	20.37081	22.08497	29.17859	31.18062	27.83932	21.95093	17.16838	17.17004	14.74275	43.59179	33.15012	35.12021	29.25153	20.05957	39.77153
CUST_36266_PI429010886	M19217	0.018152704	24	18	478259671	hypothetical protein YQE_03978			1.65E-13	7983.519	12496.19	12674.82	10209.43	4919.057	1629.282	19679.49	15553.93	24909.79	13098.74	5093.653	6358.535	18715.71	8073.399	3452.681	14548.28	14526.85	15258.82	28858.93	20020.97	28306.31	13446.51	17589.58	10866.45	18198.77	9613.776	20968.09
CUST_31998_PI429010886	M2949	0.018152704	24	18						83.44953	100.0093	102.8763	82.92495	64.48863	67.98511	91.14348	74.89382	93.84738	127.0236	65.28656	98.66873	105.1602	68.68072	83.58359	82.47763	124.8855	109.9654	120.2717	111.371	109.5487	80.1827	108.2698	118.8271	104.9377	118.1075	131.5859
CUST_19687_PI429010886	N42012	0.018152704	24	18	242023743	conserved hypothetical protein			9.11E-21	21.02758	20.1	37.80064	20.39754	18.21058	22.65596	25.60118	18.13167	36.97455	26.25902	20.76264	36.29093	28.28634	20.61232	26.30955	33.72382	23.16492	30.00163	42.28326	26.94621	44.94568	21.7829	33.85933	36.34085	34.62127	26.36041	34.6239
CUST_47149_PI429010886	M74961	0.018162426	12	3	345484761	PREDICTED: hypothetical protei			4.43E-31	137.8056	170.625	128.3485	141.4616	159.3169	154.1096	143.6704	163.7162	144.8971	126.4865	142.7301	137.6386	149.8586	117.0698	147.3274	166.0466	181.1959	156.7242	153.409	156.1818	149.4602	153.8104	138.8001	124.6988	136.1215	135.988	154.0925
CUST_35368_PI429010886	M12396	0.018171532	24	3						554.6469	253.9087	545.1995	635.1199	458.9701	566.4722	207.9118	380.35	306.0769	217.1972	398.5907	458.9701	339.6934	891.3462	1138.567	116.0037	135.6611	129.5035	244.5822	426.1127	273.7566	494.8296	473.3422	487.671	254.9324	362.4397	348.1933
CUST_52489_PI429010886	M97634	0.018194528	18	0						170.3073	275.293	188.4898	157.4759	169.7003	152.8076	146.9806	164.7688	135.056	196.4115	149.578	165.8233	151.5412	145.5033	165.8065	163.0243	239.2427	165.7121	169.9462	225.7754	174.5908	144.5227	233.3746	170.064	160.2766	195.9604	135.4989
CUST_42974_PI429010886	M61764	0.018196958	24	21						36.86027	51.34157	52.12833	34.40524	54.29543	15.64595	53.9367	41.03792	55.41495	43.86995	37.06217	42.35304	51.14197	37.3305	40.80027	42.82832	60.47355	54.41681	41.24111	62.25184	62.27316	55.04149	68.92908	89.44264	50.31996	54.95158	82.1818
CUST_3988_PI429010886	N15733	0.018196958	24	15						1276.272	2816.959	637.7947	1027.321	449.1793	1263.923	1800.506	2470.84	1567.333	805.476	608.2737	789.8715	1162.935	2092.723	1174.851	4305.784	2824.276	2898.397	2098.966	1522.629	1877.836	950.4596	1918.312	941.0274	1598.489	1931.709	845.5682
CUST_27254_PI429010886	N55716	0.018196958	24	15						183.4751	252.0561	207.0821	206.1397	210.0927	175.545	202.7113	225.8691	230.9748	203.7634	206.6211	217.1534	228.7039	194.6568	237.2505	277.2002	291.8297	254.533	188.7958	233.0946	253.2436	172.4022	207.8778	246.0227	196.9638	211.8418	231.3331
CUST_2516_PI429010886	N12542	0.018212692	18	3						33.65745	15.87243	26.48147	59.24085	61.93359	75.35645	16.1693	22.43407	22.23772	41.88081	52.44815	70.85676	45.0895	28.99688	50.98858	4.631993	5.290133	NA	26.92758	38.65654	41.28574	45.27328	62.82646	52.05686	25.76565	19.34679	29.44543
CUST_4635_PI429010886	N17180	0.018222626	21	15						24.98919	7.115942	7.518583	NA	3.595563	6.968697	NA	3.74167	3.982038	8.958741	7.088641	NA	NA	NA	8.787188	11.26916	NA	11.87749	11.74077	4.417002	10.91277	9.408973	5.754968	4.33254	8.426205	3.905919	7.920298
CUST_36600_PI429010886	M16330	0.018236876	21	15	13898841	CUB-serine protease [Panulirus	Protein metabolism	Proteolysis	2.22E-37	567.3781	575.8046	347.5429	436.2924	353.0555	236.9699	354.8596	902.4975	642.7419	491.0486	375.3353	164.4917	456.0887	424.3124	212.4893	698.717	682.9458	990.5961	511.4855	470.9814	628.8213	440.1863	252.6661	373.8469	376.7239	423.936	315.18
CUST_45964_PI429010886	M70929	0.018246213	21	18						869.3099	704.3483	901.877	1038.012	694.4759	230.9439	286.745	379.8743	315.5362	646.8706	102.0776	434.2782	1403.011	890.6088	419.2614	170.7219	391.9617	159.9694	1328.27	949.6232	1278.279	533.0556	408.1953	734.2136	558.6463	605.287	745.3715
CUST_43270_PI429010886	M62583	0.018247496	24	18						28.63092	27.17795	29.96804	16.6949	22.53368	18.91649	22.20755	25.18191	19.23998	32.24502	29.12453	26.13567	34.44149	21.35401	38.53951	37.31263	28.55984	28.20584	33.01451	24.83681	36.50276	23.82872	28.21781	42.87617	30.43834	20.85338	35.16074
CUST_6958_PI429010886	N20834	0.018267239	24	21						34.95499	46.92838	54.54964	30.11046	49.89252	33.71363	35.39191	41.21871	44.01625	44.12566	59.22932	29.96081	37.45153	47.25275	25.30391	26.82547	49.82313	36.72221	50.91261	41.48089	44.74502	60.56117	68.8804	53.37075	51.11212	54.36391	46.00245
CUST_26489_PI429010886	N54332	0.018267239	24	18						163.563	223.7905	228.4713	165.1648	136.5457	116.4725	175.5187	192.1066	210.4014	194.7406	166.1819	196.7413	226.9579	156.1818	199.4568	199.7474	206.4922	261.5479	214.117	186.3924	241.1372	129.6548	216.1326	275.9873	194.3553	193.4185	308.5071
CUST_41268_PI429010886	M93429	0.018270181	24	18						18.35904	9.034593	21.5284	28.66457	26.82547	22.96931	23.1406	29.02458	18.67811	15.36685	25.77383	27.38458	17.6134	20.33393	26.59448	35.21621	28.94679	26.16427	30.22831	28.9148	38.15885	32.49411	31.99927	33.24856	25.93001	32.56414
CUST_37478_PI429010886	M19175	0.018278031	18	15	1888451	pigment dispersing hormone pre	Signal transduction	Other	9.64E-18	2470.28	18910.88	15045.33	10641.47	7316.568	8204.372	15847.39	18273.52	17524.49	14526.85	13879.42	12860.58	11974.32	14071.14	14982.33	22401.51	18613.15	21459.8	13935.1	19094.08	15967.93	11112.95	13635.69	14338.96	18476.28	19287.83	23379.75
CUST_16603_PI429010886	N36549	0.01828001	18	3						30.2584	42.34791	26.93079	43.27654	63.06627	41.66058	34.16687	26.9108	52.86649	34.81487	19.35718	37.08249	30.38583	49.04219	26.90354	41.73602	29.11467	52.58375	79.21267	50.11439	43.5104	56.99733	65.15776	95.30674	33.30037	28.09462	24.59944
CUST_53799_PI429010886	N41023	0.0182871	12	9						12.29918	5.468949	3.225483	13.53357	7.762013	5.534335	14.67376	15.68024	7.411034	20.28829	7.533208	18.80815	7.396692	10.96971	10.68459	8.320354	11.00087	10.7943	NA	12.70386	9.626714	NA	11.39194	11.54756	4.745385	5.232424	6.247573
CUST_25974_PI429010886	N53418	0.018288473	24	15						4.473118	30.865	NA	25.20136	NA	23.61884	44.18092	36.84812	14.34474	26.45386	16.82065	10.00107	25.87214	40.08729	36.56941	111.1154	48.73482	41.87629	43.58688	5.003178	30.69787	18.36834	18.27547	16.60777	23.31389	16.59163	NA
CUST_38405_PI429010886	M26289	0.018293475	24	9	156337023	hypothetical protein NEMVEDRA			0.000000339	44.86243	39.07435	NA	67.5936	550.8269	257.241	86.58046	160.5879	65.87993	NA	253.4016	294.7488	4.724847	135.0024	100.7083	168.8172	95.69298	38.07503	18.07496	128.9945	13.48116	NA	29.5773	NA	4.02642	63.32579	NA
CUST_55806_PI429010886	M111761	0.018307764	21	0	7320913	masquerade-like protein [Pacifa			2.27E-11	174.857	177.0792	319.1468	249.2986	150.9666	179.1574	104.6457	103.6896	115.8488	116.0138	412.5149	99.87189	212.8318	176.429	151.1899	88.46676	222.8685	100.0635	138.1985	192.3671	172.259	239.7523	297.4214	220.9078	152.5742	164.1609	143.3867
CUST_13985_PI429010886	N32127	0.018307764	21	0						43.76612	44.38734	58.22453	41.81524	74.00845	61.22809	26.48825	33.3478	29.82341	28.62655	51.59074	36.65135	38.7656	41.60067	49.5263	33.80478	42.48457	46.2714	36.31991	37.7689	34.10624	87.38427	59.81752	43.23631	39.83652	52.92294	41.43387
CUST_2501_PI429010886	N12517	0.018316216	21	15	312376624	hypothetical protein AND_1249			0.000000646	18.67811	20.49098	18.33289	19.6314	30.80841	29.13534	29.37054	13.5348	16.56978	19.8984	12.86584	12.30677	12.15059	24.6865	NA	41.36945	31.82327	38.51205	18.77458	42.03961	28.54278	32.4427	21.4181	34.29441	16.29003	20.79352	21.14493
CUST_13249_PI429010886	N30846	0.018319789	24	9						12.1921	6.439639	7.578741	12.85464	23.91323	11.47222	10.48535	15.61908	20.00187	NA	21.92499	23.32264	12.90218	18.1802	8.597979	NA	28.4735	14.9184	8.444365	19.07869	17.74472	13.80416	10.48927	10.32743	4.824247	15.92101	6.616767
CUST_20653_PI429010886	N43824	0.018323133	15	12	321458840	hypothetical protein DAPPUDRA			1.2E-15	5.98788	15.13397	9.319096	6.984847	NA	6.643179	10.94364	13.90357	11.49063	9.35283	11.98443	11.65405	17.64448	3.617282	22.29187	15.4677	20.25105	20.56044	4.757189	6.796162	10.25099	10.57021	10.29658	16.49157	16.69103	14.10098	14.50529
CUST_40586_PI429010886	M55542	0.018327222	21	18						38.41822	30.63675	45.84356	35.94651	31.65179	48.6368	37.05226	44.09004	48.92244	28.84875	30.40072	18.08089	38.60191	22.1135	40.79604	43.10891	44.49549	52.28327	38.18197	55.9876	56.12288	36.67403	45.23287	53.09289	38.89189	31.67008	28.5989
CUST_49142_PI429010886	M84357	0.018356951	21	3						3.529998	5.178823	13.96239	11.17863	NA	10.54698	7.505551	8.318366	4.14395	7.250808	4.012755	5.021175	6.295769	6.978065	NA	6.87399	NA	7.101655	5.721366	8.3196	4.53632	9.430606	6.692466	7.461548	11.27323	8.385883	8.512367	
CUST_8284_PI429010886	N22818	0.018358985	24	18	321476790	hypothetical protein DAPPUDRA			2.41E-59	64.63225	109.6887	70.10106	70.95708	78.06123	57.21256	76.60421	91.86363	118.0597	87.73981	97.72445	85.60411	112.2407	78.99466	70.68343	91.20065	111.91	108.4356	144.6606	94.30839	139.0644	101.3475	94.60841	91.03605	120.7183	86.6454	95.35371
CUST_13414_PI429010886	N31137	0.018358985	24	18	321478143	hypothetical protein DAPPUDRA			2.44E-11	57.61594	76.16835	94.96672	94.815	39.53772	29.35503	128.8774	72.04345	99.64105	105.285	52.94098	64.67753	101.2008	56.80856	50.01635	103.8983	138.6464	130.9169	144.8055	111.6419	120.3236	92.53323	100.038	94.65834	134.4304	84.10925	143.4442
CUST_15998_PI429010886	N35481	0.018358985	24	18						96.49913	132.4344	114.0114	85.69239	86.87274	80.90741	121.2857	103.106	106.0382	100.8307	120.2974	144.1497	114.0573	104.7711	98.88646	85.75696	156.2242	128.5323	112.1849	153.0619	180.3689	114.0755	156.8206	171.8869	115.9121	119.077	155.9243
CUST_19154_PI429010886	N41067	0.018358985	24	18						17.77766	20.10978	13.66542	10.75635	8.308119	9.937052	55.14747	11.64629	27.47239	29.0942	11.13493	16.4155	26.05011	11.66876	21.68449	17.54875	19.07677	11.38183	24.66091	21.84605	29.38566	30.97404	13.47557	19.48468	20.48939	14.09922	22.38576
CUST_47114_PI429010886	M74838	0.018365054	24	21						37.75258	31.92317	40.60359	28.61978	14.72247	7.505655	33.64987	31.865	27.63639	26.64918	20.91853	36.34085	34.73799	35.43021	30.88085	36.54177	28.43362	38.67345	35.8714	30.28114	30.59567	36.89171	52.11425	40.13184	33.27767	33.30353	
CUST_14245_PI429010886	N32560	0.018365054	24	15						36.05963	18.06541	24.9094	14.06051	20.39056	40.66228	25.74471	29.32221	30.63129	32.67736	23.52858	35.76279	54.41681	25.82769	41.06421	49.10462	39.07837	38.11869	29.81999	21.87979	35.30558	38.06125	31.58885	29.22014	26.31789	22.66607	33.2143
CUST_31333_PI429010886	N1272	0.018373617	12	3						694.1978	753.373	635.7483	667.2339	767.0668	763.5241	785.3422	652.3046	596.5924	695.5915	653.7367	260.0953	779.344	563.3118	719.258	870.1856	798.0084	801.0558	686.1628	673.7135	764.5562	670.4033	587.733	723.9274	734.4362	671.0624	768.539
CUST_17930_PI429010886	N38855	0.018373617	12	9						40.0019	44.0823	24.2956	27.10746	18.5449	19.73213	34.2605	36.38725	58.6281	28.59028	40.13104	28.14	23.75571	36.25597	14.75816	20.72504	17.53785	27.04259	19.46755	54.89094	107.3228	68.9382	38.92511	67.63991	36.58388	21.52625	35.14363
CUST_38469_PI429010886	M27057	0.018374309	24	3	121484216	cuticle protein CB6 [Portunus pe			4.89E-14	158.0791	21.48216	159.9495	267.1275	4690.093	1672.68	81.29518	36.94592	56.94521	13.22308	1649.981	1978.294	NA	2300.958	2636.073	19.81872	17.78589	10.16654	NA	15.7695	3.30781	86.97617	46.24985	79.53675	4.816293	145.5033	NA
CUST_45913_PI429010886	M70737	0.018375707	24	15						420.1391	821.966	488.7695	401.4434	257.1241	337.8262	652.5211	597.1413	699.9941	619.2009	469.9074	353.7833	522.6994	440.1079	351.2785	835.7807	1070.493	771.5383	611.8901	610.1834	732.552	259.4587	617.6234	364.2801	594.0785	567.3781	630.5448
CUST_275_PI429010886	N3255	0.018394009	15	3	260801249	hypothetical protein BRAFLDRAFT	Cellular Process	Cell adhesion	0.000000451	237.3958	74.31745	154.9682	12.11843	185.3999	238.5827	NA	188.2604	NA	10.07839	25.09771	11.32442	78.02817	NA	73.71889	NA	161.8178	123.018	116.2897	216.896	181.8118	60.77638	NA	53.60597	7.772157	92.58214	103.4258	
CUST_46836_PI429010886	M73880	0.018411002	18	3	386376749	thromboxane A synthase [Penae	Metabolic process	Oxidation-reduction process	3.68E-09	26.85225	18.57337	26.51577	27.79642	40.18554	24.06537	33.09557	22.19382	80.14476	23.94163	23.28393	18.10455	37.12911	23.22906	22.40231	12.91982	6.963509	20.8897	39.88527	33.63302	42.29499	58.29201	27.95476	39.93038	41.73602	20.71687	54.40508
CUST_54602_PI429010886	M106808	0.018424419	24	15						1440.472	2747.205	1649.323	1396.045	1579.509	1309.684	1926.392	2173.027	2266.512	1748.513	1682.203	1420.017	1678.527	1705.593	1575.523	2061.689	2534.505	424.1	1980.694	1980.694	2184.345	1763.47	2276.393	2174.954	1938.127	1660.744	2095.253	
CUST_46856_PI429010886	M73959	0.018424419	24	21						32.68841	36.07467	41.83854	30.00507	36.16345	24.86672	30.34849	36.56104	38.23223	33.39856	22.39421	31.63657	38.36376	27.97412	39.66978	41.0528	40.0727	36.81898	25.82213	48.18525	53.79961	39.31755	43.87779	43.77016	72.08616	40.634	47.29636
CUST_52114_PI429010886	M96443	0.018424419	24	15						8.697442	8.865478	13.4773	9.578088	12.63683	14.11853	16.74981	9.825217	14.55087	17.31903	10.78499	8.880632	19.63427	16.01725	21.46399	30.36663	18.27547	17.26425	15.07053	15.29607	22.33262	21.21298	14.1426	17.15642	22.06175	13.04163	22.39651	
CUST_14732_PI429010886	N33371	0.018424419	24	15						307.7409	395.1137	286.9821	357.1234	357.8637	339.1735	380.2708	359.3488	415.0852	392.253	239.6808	274.8211	443.9249	435.731	300.6771	413.8083	521.7908	725.3859	416.778	335.8125	460.6841	402.3519	469.1525	623.4767	393.8421	400.7119	344.0704	
CUST_27890_PI429010886	N56888	0.018424419	24	21						9.865694	15.34065	11.84234	11.78821	5.947537	12.08782	7.12908	10.06884	14.94152	6.761848	13.75793	9.362392	10.77882	15.24354	9.382464	8.355785	16.50625	13.30754	15.10343	25.39283	8.755998	29.72388	16.24611	15.36855	10.28507	16.59634	14.80962	
CUST_12065_PI429010886	N28870	0.018430262	21	18						10.15772	4.337318	26.2515	7.091187	NA	3.94845	5.994713	5.704366	4.837862	8.812826	8.76542	4.608933	NA	NA	8.109042	9.665024	6.841078	7.519886	7.890721	NA	15.01335	11.6712	5.828206	8.602712	5.110748	4.153301	5.825339	
CUST_36218_PI429010886	M15041	0.0184404	18	6						14.00531	15.35881	23.24733	20.95911	30.35424	21.10822	26.04805	31.52497	27.1592	17.90791	18.00112	33.25783	25.95165	18.07496	30.64789	18.57573	23.34681	20.90638	23.15983	24.58795	15.865	19.19457	19.90276	17.82881	30.29264	28.19441	37.38294	
CUST_54507_PI429010886	M106236	0.018442208	12	0						10.23574	13.49972	13.93323	7.227037	NA	NA	8.259511	13.49

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_26542_PI429010886	N54422	0.01879599	12	9						36.56104	28.76456	30.51072	31.51584	28.50564	27.96875	32.52808	33.56909	33.93799	52.35235	56.15422	41.67167	28.31242	21.75638	40.44359	29.33369	20.94297	32.29617	35.95046	26.73304	32.53094	42.90901	20.452	44.78302	30.84622	26.32034	39.90993
CUST_17605_PI429010886	N38269	0.01880269	12	0	270005328	hypothetical protein TcasGA2_T			8.6E-11	174.4041	169.5998	192.5048	131.3561	161.8447	159.1592	135.1327	147.6215	158.469	147.1665	156.8206	193.7593	158.9852	135.0731	166.1819	126.2182	187.286	161.7147	146.4834	153.502	117.6349	162.9468	201.0489	157.4103	161.7929	213.5563	271.4702
CUST_54901_PI429010886	N108127	0.01881313	12	0						176.076	180.7516	258.3703	145.7532	232.9121	125.9947	324.3008	269.3499	377.1487	258.8836	333.0274	244.4732	190.4302	222.505	190.0989	184.3858	438.6999	164.4418	209.295	184.8821	107.9823	220.5131	196.6122	148.8622	259.3611	209.4822	158.3476
CUST_48983_PI429010886	N38357	0.01882303063	21	0						NA	10.00814	17.54	5.136576	9.496049	8.308119	7.392041	9.087847	NA		6.267202	9.345975	NA		6.904947	11.28859	8.878239	NA	5.994713	4.779968	NA		12.48201	5.158329	14.64529	12.72781	9.991081	NA	9.476005	29.03104
CUST_17867_PI429010886	N38739	0.01883462	24	0						46.85827	40.15753	NA		18.35004	10.00684	21.68924	42.96548	17.55977	35.4467	4.369955	17.1638	NA		4.703837	11.92532	4.670269	42.69273	25.48697	13.38724	18.78285	28.80996	18.78876	NA	18.56699	NA	15.30076	52.48031	NA
CUST_14404_PI429010886	N32830	0.01883523	24	0						2031.77	2211.381	3617.55	1412.941	989.4983	NA	2734.019	3185.221	5402.577	590.0254	629.0343	327.6721	1461.32	859.4584	119.2442	852.8973	927.7273	1355.75	3295.67	4027.931	4279.69	725.3859	1478.799	1430.525	2472.65	1829.191	4825.163
CUST_15435_PI429010886	N34576	0.01884251	24	15						114.0434	150.9476	114.5038	137.7481	96.62834	125.7435	197.796	219.7679	209.8556	102.1812	162.2114	152.0267	124.0485	168.7741	145.9662	191.9474	200.3693	184.6852	135.8001	168.4308	114.1092	98.36388	155.4522	130.174	64.27657	85.91672	139.6157
CUST_41957_PI429010886	N58983	0.01886459	24	3						62.12865	27.6757	37.92348	28.52973	90.50145	77.38763	15.31705	23.60614	19.43702	24.35366	63.37605	82.92495	25.37403	45.68256	61.39667	15.40011	13.48819	6.836029	13.07084	25.02902	5.481109	38.37232	24.08979	33.42535	6.954276	27.36342	NA
CUST_57163_PI429010886	E1803	0.01887934	24	15	328899662	ribosomal protein L44 [Procamb			0.000000455	4852.406	7260.089	4606.27	4291.944	3408.763	3601.999	4934.022	5751.95	4798.856	4633.616	3588.155	4998.113	4295.699	3590.769	3475.106	6873.81	6584.064	7402.627	5659.622	6298.27	6809.882	4295.699	4750.447	4895.993	5304.997	5215.78	5617
CUST_55941_PI429010886	M112222	0.01887934	24	3						431.6201	23.07724	444.9419	356.0032	1149.936	658.5111	24.60957	115.0679	27.61361	50.10507	604.5265	470.1035	59.09232	703.6419	698.9223	7.745918	18.22098	16.07187	11.05673	69.46672	14.46435	98.53709	45.33378	61.60004	17.99711	144.4561	21.44313
CUST_41976_PI429010886	M59045	0.01887934	24	15						35.934	57.70575	56.31298	33.72798	24.55645	30.23708	78.518	55.63371	50.60801	36.381	28.01116	30.53772	46.87435	68.06179	35.27538	71.35943	155.0383	62.22572	48.21063	52.2365	35.66159	64.54113	79.07706	37.98691	54.66218	48.89327	36.73983
CUST_3606_PI429010886	N14863	0.01887934	24	15						54.1005	59.06511	52.78141	45.21325	36.20227	49.03029	54.74265	64.60254	61.55047	75.76283	56.11275	60.29296	57.15552	55.17076	59.69831	91.40987	55.11106	87.53029	74.27281	55.40921	63.87749	55.40345	55.56014	70.28922	60.79074	47.78312	75.53689
CUST_8008_PI429010886	N22411	0.01887934	24	21	260836947	hypothetical protein BRAFLDRAF	Response to stress	DNA repair	2.59E-46	42.03292	53.11562	47.0382	72.14124	35.17993	54.86877	43.90368	47.11505	53.38027	38.24515	37.08608	36.46097	57.44168	39.96323	43.5104	48.08963	59.16985	61.07006	60.13153	41.77121	46.63196	63.2206	56.27761	54.85564	61.82712	51.9988	52.98897
CUST_9408_PI429010886	N24567	0.01887934	24	3						476.7459	320.8212	261.7871	521.6397	1100.31	917.5193	399.0134	406.0638	406.5634	233.6058	775.4008	475.2146	386.3361	669.1662	733.0037	206.8979	176.3183	169.9844	178.1189	472.502	156.6283	414.8181	541.4917	360.8077	104.7345	639.5264	224.2885
CUST_44220_PI429010886	M65297	0.01888292	21	3						29.64523	4.990571	16.51006	16.0527	9.961233	8.676414	14.02063	5.050989	23.70922	10.34673	NA		7.925431	31.2936	NA		5.608764	4.179704	5.004566	4.535494	NA		7.040601	8.356722	8.481956	10.4597	6.740547	NA		16.78356	14.61052
CUST_34653_PI429010886	M10239	0.01889019	24	18	241165089	cuticular protein, putative [Ixode	Metabolic process	Carbohydrate metabolic process	1.13E-19	1622.787	697.9099	1897.754	542.5585	222.9426	249.9933	778.7232	915.7404	1805.629	1767.886	350.9469	1278.279	2105.784	615.6816	1211.537	2315.807	1169.783	3327.482	2352.61	1761.545	1757.509	1242.744	757.3112	416.1276	2332.204	216.5044	2538.621
CUST_23600_PI429010886	N49096	0.01893103	18	3						21.00978	31.27903	5.645713	14.82714	27.64345	20.31011	18.32237	47.22395	26.68521	10.62708	15.19477	16.18394	18.64884	15.01966	10.12252	14.92455	11.08188	6.257426	16.70652	51.20424	15.60447	25.8664	39.11401	16.73028	16.02799	49.96129	25.55323
CUST_4088_PI429010886	N19579	0.01895226	24	15						7389.276	9819.956	7821.557	7122.178	4363.515	5311.077	9550.071	7769.948	8768.122	9153.451	4700.854	6410.91	9257.227	5233.042	7389.276	12442.6	8945.499	11264.76	11503.97	7886.969	10641.47	9257.227	7337.918	8857.18	11643.13	7300.286	9774.949
CUST_11264_PI429010886	N27535	0.01895627	18	15						5.687449	28.52519	8.785046	9.079938	7.804205	9.941387	22.13004	15.94166	12.48201	16.46843	19.61789	NA		14.17513	22.00814	13.83564	16.23086	22.38325	30.90184	20.29557	8.695453	21.06899	5.354125	19.07253	9.604194	19.44173	17.75202	13.49776
CUST_15598_PI429010886	N34846	0.01898589	12	6						10.93842	35.50356	17.58246	40.72568	31.21665	44.9365	41.63464	41.82506	37.7689	46.49241	31.60721	40.55768	33.39856	31.23137	21.35967	36.29792	37.55747	29.41515	27.29151	38.76155	46.22711	56.38972	44.73914	32.45769	58.39443	32.60314	24.44847
CUST_12162_PI429010886	N29027	0.01898839	12	18	260820407	hypothetical protein BRAFLDRAF	Metabolic process	Nucleobase-containing compound met	8.64E-38	109.1979	77.42501	93.75176	101.0339	76.12107	68.88761	101.4459	94.87741	93.28654	85.00598	222.1018	111.105	142.9154	94.90821	99.74451	60.75955	41.95534	80.50166	66.77855	86.04303	85.19452	88.46676	69.48765	79.23954	106.7562	81.70379	107.8755
CUST_38490_PI429010886	M27315	0.01899739	24	18						1132.05	1680.655	1940.134	1285.646	949.6232	1426.897	1179.062	1366.714	2013.288	1416.053	1065.973	1202.203	1383.977	1064.289	1306.13	2811.043	1694.196	1974.35	3135.16	1349.624	2326.394	2702.508	1468.759	2091.62	3052.051	1551.452	2299.057
CUST_50841_PI429010886	M91198	0.01900719	12	9						47.6242	50.54447	62.33316	34.59443	42.67386	24.47377	89.58853	36.02994	76.2209	66.01029	112.669	27.62298	62.1826	54.5198	57.28678	41.25469	38.10178	24.49039	59.30659	43.65579	48.74364	31.2936	100.4774	87.06038	93.30975	42.13235	60.18029
CUST_7606_PI429010886	N21796	0.01901671	21	0	546674931	hypothetical protein D910_0361			4.23E-21	31.7949	22.3189	34.67932	37.3274	25.25292	22.18214	30.12442	17.67979	21.70341	24.93951	18.96038	16.14673	27.15652	20.38623	24.92561	24.63541	23.71154	28.99304	29.93109	23.40815	31.00311	25.60467	27.93918	34.55816	16.24245	21.75932	28.59585
CUST_19023_PI429010886	N40844	0.0190286	12	0						307.8719	243.494	316.2911	339.4771	282.0632	309.5645	247.374	241.1372	206.3618	319.7298	295.2364	361.6608	330.4034	253.8613	344.0704	332.2617	263.0087	307.0061	249.2986	204.0335	256.46	291.8297	240.84	283.749	338.4518	288.2433	371.3022
CUST_31662_PI429010886	M2103	0.01906689	24	12						113.7405	94.47843	85.66787	290.0748	82.47763	206.9345	448.34	298.8084	487.9361	86.68025	385.121	77.23272	419.3654	416.5526	86.71039	265.0552	270.3263	365.9284	55.6719	102.7749	65.56898	57.60969	137.2489	113.1214	45.67001	43.8076	77.75578
CUST_27599_PI429010886	N56348	0.01908081	21	0						20.452	8.090541	19.18875	10.72911	8.641728	10.63333	8.882262	11.13904	11.23607	10.88981	6.755262	8.864412	11.3477	6.034973	6.437589	10.52106	7.052579	18.61738	7.24584	14.37747	12.98751	20.4011	11.76276	18.86536	5.988638	13.15346	10.40818
CUST_30703_PI429010886	N62435	0.01908436	24	21						19.82019	22.46641	18.63053	32.41159	9.903662	21.36623	9.726899	7.100726	14.85124	25.25638	6.114766	31.08617	32.22863	15.19323	16.0845	16.85775	9.551996	17.80998	16.44342	19.51629	18.35988	36.20611	20.16486	31.87855	18.71237	17.35195	31.46705
CUST_8198_PI429010886	N22695	0.01910272	24	15	321470450	hypothetical protein DAPPUDRA			1.7E-105	12.04424	9.561117	9.958172	10.31608	5.257454	9.868311	12.70892	6.096379	17.49021	NA	5.6115	10.65068	11.53597	9.231247	17.05701	20.46072	22.49316	17.56163	22.7622	8.823825	16.0253	14.53307	9.979978	9.954444	16.88502	7.194555	11.89049
CUST_55178_PI429010886	M109015	0.01910680	24	3						119.2573	72.10171	92.42138	147.5789	190.8547	152.6296	85.95962	72.43858	31.64075	117.2201	123.0596	156.5986	78.97649	144.5431	117.9412	53.15878	52.07351	70.68343	31.42758	91.7043	54.61715	128.4972	76.44155	84.21664	66.3578	112.5245	52.95714
CUST_41131_PI429010886	M56946	0.01910680	24	15						251.3778	381.9964	234.0079	277.4142	131.6028	205.9122	398.7982	327.283	342.2376	297.2551	204.9812	177.5447	296.6356	297.188	255.3385	468.1951	427.1681	456.5305	403.6726	339.2657	560.6594	232.6717	303.8109	264.2762	353.6905	336.3009	384.6227
CUST_48248_PI429010886	M79540	0.01910680	24	3						114.3312	40.082	156.3126	120.3426	188.8608	161.3784	34.44149	45.37131	61.39194	125.8592	222.4375	61.36043	105.6309	98.14527	137.0267	47.36534	43.71378	26.17673	31.62493	58.84073	44.04608	90.36229	118.9453	113.6995	61.66326	78.8865	73.09797
CUST_33921_PI429010886	M8240	0.01910680	24	15	307173221	PITSLRE serine/threonine-protei	Protein metabolism	Cellular protein modification process	3.29E-137	22.72787	29.03961	27.13842	20.68602	34.33515	19.54026	26.83424	26.79915	34.3049	27.25185	25.74697	32.97743	20.45768	36.83272	35.22718	34.9059	38.77522	49.54311	37.13496	29.43236	31.26158	30.04204	34.06404	34.313	39.56268	25.25032	35.99005
CUST_34223_PI429010886	M9097	0.01910680	24	3	530608038	PREDICTED: apolipoprotein D [C			2.67E-10	282.551	242.4377	201.4162	227.6714	752.4222	576.4765	157.0354	310.2309	156.2636	93.03552	483.6608	515.4837	135.7428	420.4184	471.0794	100.8435	141.1702	73.69276	195.6831	275.293	154.4681	275.4561	248.4015	239.7853	189.8869	380.4577	146.5694
CUST_5704_PI429010886	N19074	0.01910680	24	3	321476950	hypothetical protein DAPPUDRA	Response to stress	Response to oxidative stress	1.76E-172	25.97916	28.75654	10.91964	23.51188	91.37677	56.57499	15.27294	14.73812	16.78177	11.81717	41.67619	58.85992	4.339329	24.61634	22.05134	16.06798	6.514898	3.731378	14.69878	7.125497	35.36487	7.554005	6.985928	24.9004	4.946803	6.661423	27.52155	18.73195
CUST_33008_PI429010886	M5709	0.01910680	24	15						7.004515	6.785275	6.645886	12.36665	32.02822	23.87767	NA	13.2108	16.59634	13.4515	15.44438	13.80852	7.027807	8.754634	6.649922	5.198229	14.50607	12.60565	10.23574	17.20767	13.23789	9.695023	21.4316	17.04802	13.73539	19.62895	8.368746
CUST_393_PI429010886	N4805	0.01912813	18	6	225712016	Cuticle protein 6 [Lepeophtheir			1.35E-19	2889.672	3112.057	5649.913	5558.806	1965.787	1202.203	4322.847	5258.496	10142.18	3419.816	6567.976	1715.071	7290.969	2906.899	2038.719	662.0947	952.2766	924.7313	6304.559	8547.585	10178.51	5179.003	11378.62	9194.226	6988.188	9425.197	13078.51
CUST_16375_PI429010886	N36129	0.01914226	21	15						24.22714	20.04202	NA	33.64987	8.294501	31.72143	48.84433	32.88452	20.5422	30.23399	13.05352	NA	28.77495	27.7157	27.0512	88.15439	56.42125	44.68965	30.18612	5.864027	27.22807	8.338749	20.57512	8.291815	10.36053	24.86359	5.455303
CUST_52919_PI429010886	M99430	0.01914878	24	0	345494221	PREDICTED: 1-phosphatidylinosi			3.05E-25	15.67014	16.32195	15.5722	NA	11.00269	10.51838	9.755769	25.5482	18.3141	12.94826	10.59308	14.99779	7.770794	10.30824	3.603113	12.41811	7.985663	12.2785	19.84259	9.695023	11.25405	15.865	7.855592	16.29003	17.0028	17.41092	12.48035
CUST_37324_PI429010886	M18636	0.01915617	12	6	190610833	trypsin [Marsupenaeus japonicu	Protein metabolism	Proteolysis	4.38E-132	29.08789	NA		23.28183	1054.885	NA	955.5815	12921.27	NA	11719.99	2194.43	1234.557	NA		517.7643	1072.507	391.0137	3546.981	NA		3197.119	15170.38	35022.2	5981.19	3130.289	6.601408	3485.281	11859.41	1659.781	10852.86
CUST_55550_PI429010886	M110676	0.01916516	18	15						65.69754	60.62225	62.58458	72.74057	66.77244	99.34395	25.33737	58.93364	49.91567	77.96514	73.38208	64.52421	72.38862	61.25771	75.68836	91.00224	71.24846	76.92175	58.17376	32.89807	56.76972	64.36702	24.95555	57.61594	53.53717	33.41645	54.61715
CUST_20052_PI429010886	N42719	0.0191721	21	15						137.2351	236.8356	114.7972	101.2008	187.1657	123.7135	231.7103	213.7796	206.561	153.1975	240.84	112.9448	172.3438	124.4749	137.8885	380.9979	323.3549	231.8452	215.601	365.1669	197.5933	120.1351	426.8467	77.11712	37.1975	169.6212	85.85149
CUST_54252_PI429010886	M105294	0.01918601	24	3						895.4864	94.31617	554.8747	1770.862	628.502	1247.204	64.42993	133.1266	30.76277	1640.282	896.2629	1517.515	681.8481	885.1856	215.0811	61.15056	66.13826	27.50655	35.95938	89.29338	24.90578	842.4709	181.9919	670.6338	62.25886	124.2633	92.48145
CUST_48306_PI429010886	M79745	0.01918601	24	15						660.9643	456.2678	352.6665	480.9139	202.5463	372.9744	861.5088	1065.617	991.1291	1214.037	619.2009	368.9684	972.8403	655.1561	453.4842	292.811	709.6774	2511.558	1777.355	1041.462	2026.561	832.6018	178.4726	623.1184	1160.436	325.5716	764.5562
CUST_42318_PI429010886	M59996	0.01918295	18	15						17.95136	27.6893	24.62618	11.67855	13.72334	13.28971	17.44514	17.39841	17.4092	26.24091	21.14686	18.66401	30.15056	16.65836	19.86462	26.41198	18.75264	19.07489	22.74972	18.10455	12.76575	20.38307	14.70794	17.39468	21.78937	9.563744	17.94168
CUST_52137_PI429010886	M96525	0.01920194	24	0						39.58953	112.683	37.50844	36.41438	36.73983	26.86667	33.2543	36.37036	40.43404	35.58267	34.46101	28.66752	37.94596	17.27642	33.96811	35.49916	48.6073	46.52035	44.05006	26.86103	31.94579	40.87182	40.4228	41.1635	70.31346	41.01272	55.6648
CUST_21220_PI429010886	N44840	0.01924739	24	21						1074.917	1195.903	1339.398	1234.557	921.4706	1110.746	1243.512	916.1745	1177.475	1346.991	940.7158	1001.191	1082.664	920.4596	976.1525	1565.636	1108.83	1385.605	1655.603	1014.152	1083.233	1522.629	1340.037	1938.89	1398.823	1032.084	1440.472
CUST_29939_PI429010886	N60852	0.01925443	24	15						49.3434	49.1314	58.23791	37.87771	43.39655	31.25004	38.21258	36.58087	47.5648	54.6004	34.64088	52.88884	46.00851	52.91761	66.04384	65.70417	50.28036	62.11789	56.79387	46.64063	70.10685	54.84874	47.95677	60.64674	59.90743	60.48555	75.27273
CUST_5544_PI429010886	N18839	0.01925513	12	0	345483293	PREDICTED: LOW QUALITY PROT	Protein metabolism	Cellular protein modification process		222.0531	200.3693	229.5267	172.0707	162.9468	163.488	99.1481	138.3092	157.6922	197.9185	194.635	190.2455	219.2338	156.7919	210.9122	240.4351	186.3541	169.4819	232.1999	138.6295	133.7211	294.2148	183.0069	224.7103	348.6137	175.2922	277.5468
CUST_53566_PI429010886	M102273	0.01926438	24	3						33.45208	27.51162	24.25128	30.67349	37.51953	25.56702	35.39516	23.56315	19.71392	25.03218	14.8912	54.18142	22.95957	19.03459	12.59046	14.25102	7.171987	24.45128	10.24111	27.13005	26.46648	27.17008	32.17224	14.24675	21.53519	23.04548	57.06949
CUST_5105_PI429010886	N18262	0.01926487	24	21	345483293	PREDICTED: LOW QUALITY PROT	Protein metabolism	Cellular protein modification process	4.92E-142	161.4106	137.6386	155.1864	120.3932	102.2094	120.1882	67.5936	120.7334	112.6283	145.3783	138.5257	84.83411	160.8211	120.6508	154.9154	184.9648	151.4662	174.5208	130.8147	123.4188	139.9139	182.2041	136.7059	168.902	226.3033	141.1475	227.6714
CUST_44290_PI429010886	M65415	0.01929191	24	12						58.08311	57.56013	79.78242	118.9114	39.61156	107.7706	92.58214	112.5926	184.3285	40.15441	447.0887	35.00637	158.469	403.5639	117.5279	14.95886	268.0924	96.86942	9.802866	70.80726	18.27353	13.27938	86.01043	37.85029	16.52758	6.227034
CUST_36091_PI429010886	M19546	0.01929556	18	15	330434836	hypothetical protein [Macrobrac			1.44E-12	72.57836	1472.69	90.00835	113.0301	73.3346	42.52366	25.18751	10.41394	44.9498	452.9256	262.4014	83.31337	91.7443	67.85905	95.47293	266.9539	289.9679	6.457842	256.46	138.7489	20.88371	7.028721	21.79422	16.58967	7.954685	6.498165	10.35153
CUST_2878_PI429010886	N13299	0.01929556	18	15	242006831	Troponin T, putative [Pediculus h			1.54E-56	66.1068	44.7597	71.54776	65.08113	44.62591	45.68766	52.40229	93.6437	51.18755	54.38582	51.11657	52.5945	56.04689	81.95267	47.71567	89.3199	90.57569	156.1362	81.42279	93.25565	168.0943	63.71474	27.9424	34.18577	151.8566	41.26887	53.07048
CUST_5398_PI429010886	N18967	0.01929556	18	3						429.6749	274.9461	452.5351	496.692	330.0358	396.3607	215.748	296.6356	270.9307	233.7667	244.4841	336.8186	259.1236	301.0722	294.6856	257.5954	284.5232	324.3641	253.8231	316.8751	255.0275	351.6631	317.1978	365.5842	241.8418	305.3135	274.4544
CUST_5484_PI429010886	N18765	0.01929556	18	15	443685298	hypothetical protein CAPTEDRAI	Protein metabolism	Proteolysis	4.71E-64	611.6853	535.2394	748.709	340.4211	506.6858	310.9083	994.081	658.7898	861.2738	257.241	560.6594	449.2725	421.3837	454.7075	577.2434	849.7305	511.0453	982.3643	542.3764	673.1503	707.937	231.6588	229.4464	236.8356	329.015	222.2239	304.282
CUST_50921_PI429010886	M91472	0.01931204	18	3						10.2334	5.448429	3.05777	9.261783	9.806325	12.22228	4.923756	9.836576	8.614696	8.365836	4.845438	4.614777	10.57189	8.883273	5.893485	11.68418	4.79788	11.0388	NA		5.371414	9.407459	14.01914	12.72606	15.22691	6.134904	5.286558	6.523317
CUST_56805_PI429010886	M114686	0.01931769	24	15						3232.565	4036.235	3944.006	3235.804	2268.13	2650.032	3346.038	3175.147	3911.515	3835.495	2615.936	2738.485	3329.804	2779.473	2922.057	5807.4	4134.923	4569.485	4616.026	3379.597	4217.01	4008.648	3301.049	3811.795	4315.085	3426.429	4700.854
CUST_47945_PI429010886	M78247	0.01931769	24	9						24.89861	15.4299	12.6262	26.99058	11.12634	16.30105	24.74194	23.19056	25.66849	43.89958	13.25323	28.96132	32.88066	7.376965	24.34766	16.26492	19.33464	7.234885	20.8587	6.705635	13.52297	17.13272	9.228702	8.595293	18.09453	11.01286	19.50817
CUST_39081_PI429010886	M34334	0.01931919	18	15						81.07096	82.61597	89.61931	46.38013	60.03374	55.38965	71.43072	83.26396	82.9298	94.71637	107.7706	82.57504	54.62717	65.69029	56.16512	106.8423	100.5778	110.4624	81.78148	81.90247	59.88108	77.57976	61.4814	68.9724	110.2359	87.03898	88.75
CUST_30562_PI429010886	N62125	0.01932032	24	3						18.66401	17.45365	17.9285	19.60559	15.76766	18.49355	18.48018	20.35931	5.496705	21.95937	14.74196	13.25197	16.6387	9.766099	10.7971	14.85278	15.01335	12.22382	5.266343	16.71379	15.5351	16.23086	13.17413	11.24321	17.30194	16.24785	23.84404
CUST_41186_PI429010886	M57088	0.01932565	24	9						120.3932	178.619	95.08224	142.9974	341.732	263.0994	157.9625	171.3724	128.0633	147.4493	267.0729	308.1912	130.8809	244.7472	283.5165	145.3581	216.6056	163.0857	99.80727	167.7963	123.3723	101.4459	163.2608	112.5245	126.9105	166.242	102.5926
CUST_47512_PI429010886	M76418	0.01932565	24	15						155.2317	478.9906	189.0814	284.2929	203.0154	215.8263	520.0326	698.508	376.3542	248.7719	178.9277	124.1913	234.3588	433.9196	362.0388	502.6586	730.7886	555.5824	284.0823	464.7851	347.3018	194.9703	315.0449	213.9341	313.0268	184.9936	139.4798
CUST_31266_PI429010886	M1106	0.01933467	24	15						538.8011	847.8182	594.6179	579.6417	785.8536	584.4771	610.864	875.3699	785.8536	543.5625	617.1935	624.2116	697.2436	690.3228	596.8192	902.8628	1278.279	1137.925	683.4131	795.25	785.5802	636.557	883.7364	859.7804	731.069	624.767	716.8261
CUST_40032_PI429010886	M48914	0.01933467	24	15						167.2859	77.24207	99.13779	90.32894	32.8145	68.53942	211.0809	215.748	245.9747	228.5899	99.71725	64.2561	220.8177	140.4803	99.19887	736.0921	140.2011	509.2951	296.6356	157.6398	313.4133	192.1306	49.8852	130.3441	244.8878	66.18402	134.6107
CUST_40093_PI429010886	M49990	0.01933467	24	3	341650465	Litopenaeus vannamei Sp21 mRN			4.01E-118	38996.68	8591.806	25792.96	35157.95	103630.6	87131.39	13716.26	26740.38	9980.233	14703.33	85913.71	10449.81	14794.99	72794.71	95843.19	5726.275	5415.358	5840.985	6143.541	32184.55	6676.906	18476.28	13591.98	16035.79	4589.607	35862.04	10156.68

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_36007_PI429010886	M14272	0.019621599	18	12	311250297	PREDICTED: steroid receptor RN			2.8E-12	28.61945	38.10649	33.56251	34.84867	27.00456	20.95678	41.14942	35.82162	29.63277	27.16164	22.44752	32.35564	48.40188	44.66421	46.00245	36.22942	34.5207	31.53465	29.50027	31.76275	38.82052	27.3201	30.16221	30.02948	34.17741	28.64933	37.73322
CUST_50231_PI429010886	M89102	0.019712906	24	3						18.72709	14.55686	15.87729	18.01447	13.99541	13.33647	17.70791	9.492246	5.435247	14.87141	6.546863	8.320354	NA		11.06753	11.9671	4.051646	4.537413	13.28376	8.23062	10.52106	10.63779	12.05888	NA		13.99198	7.02166	12.83977	12.45205
CUST_25808_PI429010886	M59306	0.019741278	24	6						19.07187	275.386	11.02011	39.36544	132.7723	23.75379	580.6289	2579.047	NA	28.64244	19.02789	32.78488	NA		1944.792	19.95709	19.95029	67.02911	50.0875	10.34183	4.408218	22.9157	8.310351	NA		NA	10.928	10.52851	NA
CUST_56922_PI429010886	M114906	0.01974729	24	18						161833.31	2498.55	20434.9	16372.71	13248.98	15230	12010.2	21974.84	24341.41	18910.88	15461.72	15258.82	17061.92	16070.74	15258.82	29037.53	22332.92	24825	25188.43	21881.51	26191.89	20968.09	20222.93	21224.39	26491.1	22895.57	19855.57
CUST_30871_PI429010886	M61	0.01974729	18	15			Transport	Intracellular transport		361.4106	406.8432	395.794	330.2787	375.4894	355.7553	408.5695	418.6023	417.8265	412.9087	368.7646	446.6878	414.7402	306.0769	409.6823	472.9954	567.3781	482.8348	423.1563	404.8745	517.1871	315.2731	344.4852	435.1623	369.2112	353.5795	502.2054
CUST_6802_PI429010886	N20618	0.01974729	18	15	443721341	hypothetical protein CAPTEDRAI			2.14E-17	459.7509	629.4202	357.7827	278.3094	245.9747	233.5705	361.9725	351.422	379.037	361.1116	298.135	283.224	377.4146	279.7318	347.8293	1029.336	429.2293	847.0248	1076.368	315.0449	717.9895	327.8924	351.2056	320.8974	454.0605	335.6891	445.4238
CUST_20510_PI429010886	N43582	0.019760445	21	0	393894777	zinc finger protein, partial [Loa l			9.69E-10	10.13108	8.23062	9.440113	7.502046	NA	7.544076	NA	9.640926	5.925916	NA	4.566848	3.979995	7.57781	7.130952	4.96729	NA	4.859545	8.421879	NA	9.262956	4.954518	6.370812	16.21895	8.557191	9.20883	4.118171	NA	
CUST_28138_PI429010886	N57361	0.019761836	18	15						11.31144	10.7714	11.17615	NA		15.26493	10.10871	8.020864	11.7024	5.063083	NA	3.450325	5.933754	11.76708	8.096327	10.10062	14.28982	13.86535	12.56899	14.39969	6.864225	7.95024	10.1544	18.51168	10.91561	9.890547	6.329622	9.947363
CUST_10375_PI429010886	N26139	0.019764252	21	18						7.6031	8.434585	25.2621	7.779225	4.555644	3.390445	6.046138	NA		4.975536	NA	3.772897	NA		5.14946	NA	4.410946	3.251208	9.92008	12.75698	9.104193	7.966091	13.61444	NA		7.614422	6.578516	6.688662	7.836931	8.81061	
CUST_37660_PI429010886	M20353	0.01974826	24	18						670.4033	563.8477	589.7452	524.9579	418.0505	563.4896	466.4341	470.2656	576.4765	473.6093	369.756	484.9644	833.5137	377.6097	347.3806	701.2976	656.4851	518.0684	609.4415	569.1918	630.7177	801.5781	596.9264	486.8888	608.1132	551.429	652.5211
CUST_37552_PI429010886	M19454	0.01978739	12	3						154.3283	120.035	159.3669	214.7712	232.9982	258.4078	170.625	158.3476	152.7976	213.3759	146.7041	165.1857	140.2426	140.7362	188.7958	329.3762	221.1582	132.2204	257.6419	163.4271	190.0165	208.7594	140.7771	153.9484	206.3618	122.8211	150.9231
CUST_30851_PI429010886	M1	0.01978919	24	15	383864135	PREDICTED: importin-5 [Megach	Transport	Protein transport		752.4222	1270.268	985.4686	877.7497	687.2962	645.8971	1197.753	1185.011	1264.606	1016.248	790.776	858.7677	1034.581	814.573	869.3099	1132.862	1479.335	1505.771	1058.746	1115.579	1487.991	850.4847	1023.228	1109.283	1041.894	862.533	1346.472
CUST_37365_PI429010886	M18796	0.01978919	24	3						10090.54	27.23544	9466.456	10871.96	6025.479	8984.262	8.604047	66.33824	25.2729	2153.531	6758.872	7459.987	1483.086	7166.836	7861.824	7.036384	3.802262	36.17071	26.83656	78.06756	38.28366	2532.427	682.7328	2102.006	52.84329	138.5964	136.296
CUST_32150_PI429010886	M3370	0.01978919	24	15						287.938	399.7084	364.8648	351.92	205.536	217.5068	508.513	417.0366	495.0948	570.2732	243.0739	223.4224	452.3252	245.4129	269.8812	446.6878	478.5299	505.5201	395.794	323.747	449.8325	427.391	245.059	370.8194	364.4673	323.5302	312.2924
CUST_39853_PI429010886	M45766	0.01978919	24	3						18613.15	170.7219	19341.82	14614.52	16221.54	18802.8	165.9615	564.2041	283.7827	8121.327	17729.56	13193.16	11030.98	15673.03	22401.51	87.45577	111.0926	161.5503	487.5393	698.508	685.082	10605.81	5960.592	12288.42	874.1945	2144.939	2214.163
CUST_48850_PI429010886	M82490	0.01978919	24	15	501289963	ribosomal protein LP0 [Riptortus			4.75E-09	4061.362	6401.205	4637.293	4378.72	3478.142	3654.032	5712.375	5157.305	4928.217	4453.231	3786.16	4322.847	4700.854	4238.105	3792.758	5947.47	6348.681	7415.157	4772.224	5571.385	6780.642	3867.347	5061.439	4432.869	4322.847	4467.089	5697.98
CUST_3065_PI429010886	N13723	0.01978919	24	15	506968259	calmodulin-like protein [Coptote			1.23E-42	416.3476	601.1087	351.2056	303.3581	291.0948	345.4356	523.1285	540.2756	515.2465	327.7409	379.7764	197.4226	352.6665	400.7119	391.1906	753.6723	719.258	566.3117	365.3294	477.4346	420.1391	332.8862	646.8706	384.6227	442.7601	458.9701	249.7255	
CUST_6516_PI429010886	N20202	0.01978919	24	15	270001992	hypothetical protein TcasGA2_T			2.76E-69	901.877	1670.335	1248.523	1089.998	789.0657	752.4222	1403.011	1292.456	1461.32	1388.826	1050.844	1079.588	1302.487	1044.527	1030.655	1636.385	1624.639	2014.653	1448.453	1301.148	1563.253	1149.369	1418.598	1332.694	1354.492	1626.549	
CUST_167_PI429010886	N2049	0.01978919	24	15	225716984	60S ribosomal protein L23 [Esox	Protein metabolism	Ribosome biogenesis	1.13E-51	11455.94	14764.65	11413.74	9598.965	6481.59	9466.456	14526.81	14642.96	13222.77	12789.24	12731.79	9490.363	12097.54	7597.158	9179.508	14526.85	16288.46	15297.04	13776.26	13335.43	14502.16	10277.01	12084.47	10408.52	12921.27	11338.2	11780.77
CUST_19529_PI429010886	N41728	0.01978919	24	15						186.13	157.2569	198.6494	176.2669	144.3062	161.6064	194.5781	148.8622	168.564	191.0479	174.3407	258.3202	188.5629	160.5413	214.0769	429.5829	328.5727	208.1054	237.9791	177.9352	208.1054	118.1432	160.713	228.0728	234.5732	187.472	241.0614	
CUST_9000_PI429010886	N23914	0.01979242	24	15	308460018	hypothetical protein CRE_08567	Signal transduction	Other	1.51E-17	16.43359	13.09533	19.95277	30.88603	22.51895	20.16221	16.21562	26.36768	20.11731	16.55114	26.25684	21.51378	27.33153	16.84041	25.80525	27.89685	25.56702	25.98049	15.17831	17.62607	24.40409	14.68061	19.84675	25.42047	16.34992	13.905	18.9186
CUST_22479_PI429010886	N47108	0.01979242	24	21						28.90914	26.73097	33.58881	23.81043	19.48121	28.03594	16.15468	19.08373	16.11449	25.28782	31.23137	25.65087	6.573571	22.70303	29.3468	22.70072	37.86516	24.10826	19.74485	25.77691	27.45637	31.94938	25.96348	32.69608	31.25385	35.55192	60.04487	
CUST_13671_PI429010886	N31567	0.01980344	18	3	54042615	arthrodial cuticle protein AMP6.			6.44E-09	10193.49	4305.784	9179.508	9330.025	9889.351	10605.81	2713.39	3095.903	2449.312	6481.59	14439.79	9699.55	7966.321	7177.873	7695.811	2571.491	2886.102	3067.239	4061.362	5119.273	5726.275	11780.77	7376.103	12043.33	3580.711	9532.564	9345.369	
CUST_3866_PI429010886	N15441	0.019808793	21	12						38.40964	21.52069	36.64741	15.33068	22.41344	37.5978	12.42007	65.83412	31.72143	40.92496	14.79252	56.23453	55.30643	26.96277	50.51811	78.85311	45.52154	20.97185	43.54271	30.11519	46.15921	55.85996	24.91228	24.65035	19.61183	9.366695	14.52479	
CUST_24607_PI429010886	N50933	0.019808793	24	15						139.1141	228.6642	106.6126	136.7882	108.2696	136.7059	198.8083	180.8125	150.0449	146.798	94.69266	124.0944	145.7532	151.1899	153.5202	229.4919	239.6808	203.057	197.8872	134.9328	202.183	121.7034	164.6109	130.2882	158.418	144.058	107.696	
CUST_5778_PI429010886	N19184	0.019809442	12	0			Signal transduction	Other		75.29284	54.43474	63.63996	46.86356	40.05574	45.20551	50.82457	34.81487	40.96757	79.66914	48.69222	61.87143	56.50326	22.5581	59.58718	28.77245	41.19213	42.99816	44.74502	40.35274	32.5431	86.02033	49.95516	63.68621	66.26258	51.46661	68.95833	
CUST_760_PI429010886	N7192	0.01982127	15	9						43.6037	60.38394	44.40911	49.78973	67.79476	58.24898	51.20424	56.54714	61.16253	65.47283	63.69387	67.0724	61.74127	64.42993	59.96133	48.90035	56.58591	49.37835	42.90092	66.459	66.36737	57.73811	62.50961	78.90154	56.25386	67.7294	71.23962	
CUST_24693_PI429010886	N51098	0.019825853	21	0						96.07003	28.26579	43.95236	14.23051	12.3169	20.40329	19.16283	23.3113	18.24052	37.22016	23.77756	23.79152	18.95021	27.53522	29.28939	36.8117	27.81464	30.75559	26.13856	28.65621	31.4617	41.76233	27.9576	27.25185	43.93243	32.20511	25.05787	
CUST_34479_PI429010886	M9794	0.019845127	21	3						39.61493	34.57525	78.01174	102.0444	73.03741	86.56139	NA	33.14692	34.81137	40.35645	110.5806	52.8767	154.2758	84.89672	160.713	16.09002	20.96508	9.8644	16.64745	18.93459	11.87453	75.22137	96.42996	88.04969	44.3343	100.7618	103.9647	
CUST_36330_PI429010886	M15614	0.019872321	24	15						78.43006	59.64058	62.1238	46.72845	74.43638	44.6225	124.6493	103.8862	113.622	125.6161	66.44259	65.16557	161.6606	125.8966	28.94147	144.2677	90.82582	124.8855	86.88214	66.98556	113.3132	98.41457	30.38583	71.64167	98.14527	48.53255	67.20874	
CUST_36296_PI429010886	M15481	0.019893104	24	6	321462126	hypothetical protein DAPPUDRA			4.57E-16	74.55481	77.9272	5.986195	26.22964	171.6359	50.30283	116.3642	295.1733	110.1907	NA	35.43409	29.0942	NA		113.3845	34.11681	107.0618	67.12887	36.91722	23.20911	17.91133	19.20962	NA		NA	NA	4.167626	NA	
CUST_13266_PI429010886	N30883	0.019903669	21	15	262358091	HR3 nuclear receptor [Daphnia r	Signal transduction	Other	1.67E-55	3.08599	8.842249	NA	6.390351	NA	8.844931	16.31963	11.01416	3.445673	13.4565	4.701751	NA	21.18591	NA	9.133693	24.05036	19.61789	18.48357	5.391193	NA		3.437245	6.790621	NA		3.606328	10.77751	11.38924	NA	
CUST_50252_PI429010886	M89176	0.019909449	15	6						8.47965	4.04215	10.72353	12.40824	5.974507	11.17145	15.52955	NA		16.19743	12.98111	NA	4.33329	8.472404	NA	6.413865	8.515524	7.230351	6.717766	7.573217	7.352636	6.233337	13.2886	7.840494	14.44158	9.476005	10.4654	12.25846	
CUST_18459_PI429010886	N39831	0.019922306	18	6						5.061979	16.57693	16.99422	4.547631	6.766809	10.73071	29.54782	21.72565	41.02313	NA	10.30948	NA		4.050994	6.876832	10.45586	14.78165	11.87026	6.768812	NA		8.046067	5.534335	15.80769	14.57595	10.45447	60.41841	17.85602	33.88742	
CUST_17756_PI429010886	N39576	0.019925626	18	6						34.88249	17.50484	36.10701	42.96134	72.88356	69.72707	45.51774	46.52035	47.9302	28.14985	54.93424	69.25445	50.55101	38.73021	65.87261	25.56117	22.93035	45.48221	36.10701	41.87026	47.9302	44.86788	37.65275	54.04004	40.08729	59.20011	43.55336	
CUST_39690_PI429010886	M42952	0.019934724	12	6						729.1294	1242.744	772.308	871.592	665.873	742.7432	1147.873	1182.698	1250.489	1133.285	601.6893	912.2418	708.4537	833.5137	540.9421	1590.527	954.7966	1265.098	1080.596	482.1329	875.8645	677.6753	912.8746	803.3165	792.9194	826.4146	
CUST_3474_PI429010886	N14573	0.019934724	12	0						34.76036	16.79051	38.37685	31.52277	25.01557	21.26556	19.62692	6.874984	16.31963	13.81373	20.58397	17.43861	31.07591	22.68453	43.01095	29.6222	12.32049	22.09706	14.32943	22.27865	17.25337	29.16267	20.85338	29.77656	22.9969	16.41767	36.72221	
CUST_15516_PI429010886	N34709	0.019934724	12	0						652.3046	563.3118	668.5027	577.1013	379.3272	393.0833	438.3717	348.6137	417.734	626.5423	473.4786	575.4805	752.85	350.649	603.766	652.5221	506.9058	618.9801	491.3879	433.4692	478.0895	659.0035	517.5058	738.5083	721.6825	546.2084	933.0577	
CUST_45346_PI429010886	M68809	0.019993359	24	18						54.19504	9.548881	51.28488	65.50892	29.23756	35.03557	58.02727	18.96684	41.66058	32.77954	54.50441	54.45775	103.3338	52.61688	41.31439	10.88033	104.8815	96.18658	107.6547	116.1695	198.4672	83.22682	28.61053	70.95104	17.39841	38.37232	62.02618	
CUST_50751_PI429010886	M90880	0.019995506	18	0						23.85395	32.62695	42.21839	23.93259	24.84769	31.72419	22.19826	20.89221	45.51721	17.27455	15.74847	23.37724	23.81043	21.74375	18.65702	31.54665	28.93796	37.84156	67.39104	30.78396	29.28594	24.71116	29.87687	17.88666	45.12167	24.17495	31.29616	
CUST_41969_PI429010886	M59026	0.020004835	12	3						70.52075	83.53855	66.73428	89.26977	96.94761	90.62398	79.44437	87.39589	90.1637	78.8865	70.67656	84.85915	92.60339	73.37425	73.93804	100.7211	106.8423	96.35679	92.80135	69.49276	81.32217	79.30248	79.60935	88.74114	101.4235	78.0963	79.45422	
CUST_30121_PI429010886	N61211	0.020004835	12	3						11.85089	4.157444	11.16741	12.05475	53.71769	24.11397	18.07705	18.47174	18.68973	18.1656	17.55763	11.88441	11.3284	15.34065	18.48357	20.13002	15.32543	21.11731	17.56328	13.78137	26.31588	15.89253	14.59784	16.04505	21.83271	9.554258	12.9826	
CUST_42292_PI429010886	M59923	0.020006867	15	0	260833078	hypothetical protein BRAFLDRAF	Protein metabolism	Cellular protein modification process	0.00000058	37.14266	28.97134	NA	53.8169	5.679021	43.34384	52.31438	27.61985	25.04742	29.02458	24.88953	14.62836	39.77153	59.12751	25.06692	127.8764	71.83398	49.75986	60.83425	5.482539	56.89319	8.272162	24.89383	9.779895	20.70448	24.29464	8.042805	
CUST_57197_PI429010886	E2397	0.020016653	24	15	242004807	60S ribosomal protein L37, puta	Protein metabolism	Ribosome biogenesis	3.13E-24	7058.228	6430.973	6752.376	5907.39	4291.944	4185.629	8215.523	7032.355	6945.783	6094.281	4715.833	5091.533	7844.789	4291.944	6696.753	10664.62	9653.786	10090.54	7100.104	5769.472	9669	4311.402	7232.62	5879.268	7032.355	5769.472	8929.115	
CUST_53296_PI429010886	M101163	0.020016653	24	3						3683.886	118.3395	3190.966	7212.47	4266.005	6193.269	188.4169	392.3777	184.5342	4680.36	4787.419	5304.997	3364.257	4527.493	5394.696	58.04431	100.9673	96.53451	526.1263	468.0876	412.9087	4560.074	1865.951	3580.711	87.43473	1004.862	778.7232	
CUST_35661_PI429010886	M13172	0.020016653	24	3						931.1977	158.7144	1027.619	1602.248	1989.721	1982.92	97.20086	283.1093	282.9651	1040.093	1982.92	1718.114	1225.977	1087.147	2108.887	87.57759	58.70057	68.16127	200.9087	310.2309	222.9863	1095.073	976.531	1239.086	248.439	479.6967	502.9461	
CUST_40485_PI429010886	M55261	0.020016653	24	3	507644416	PREDICTED: anion exchange pro	Transport	Ion transport	2.75E-30	123.0345	58.08057	127.3889	140.1608	241.8418	204.3745	52.62861	56.71352	72.14124	67.84273	225.7754	96.73368	82.1262	315.2731	412.0092	66.08255	46.05207	64.34403	77.26866	57.74953	67.86728	85.6799	67.85229	84.43872	98.43645	72.79587	112.3537	
CUST_32952_PI429010886	M5550	0.020016653	24	15						362.7316	756.0941	514.8454	414.226	412.5149	400.7915	711.4323	685.082	638.835	570.5532	363.297	458.6774	476.3939	402.3519	464.4221	640.7195	903.4294	864.3189	559.4339	562.2603	738.0615	483.5315	626.8237	511.2321	619.2009	485.1077	510.5943	
CUST_51770_PI429010886	M94977	0.020016653	24	15	225714640	Adenosylhomocysteinase [Lepec	Metabolic process	Cellular amino acid metabolic process	1.41E-21	3179.907	5814.883	3792.758	3205.37	2470.84	2626.057	6439.853	5872.99	5939.375	4203.047	3472.797	3643.551	3815.958	3485.281	3709.96	5564.697	5826.27	6584.064	4383.744	5073.866	6575.891	2915.434	3528.773	4439.592	4164.365	3847.793	4754.165	
CUST_6196_PI429010886	N19756	0.020016653	24	15						1211.071	2429.15	1393.878	1487.355	1366.714	1284.957	2290.485	2097.341	1893.112	1759.396	1301.148	1291.096	1589.718	1519.636	1546.868	2326.153	2704.306	2599.331	1952.351	1530.86	2079.426	1361.235	1597.44	1682.203	1930.481	1542.881	1742.558	
CUST_6763_PI429010886	N20568	0.020016653	24	15						140.8575	204.8443	206.2187	161.1223	120.8427	113.2938	273.134	226.8625	242.9432	138.3467	135.4114	119.8257	171.5577	127.4455	138.6464	237.7585	360.5101	270.0743	231.376	205.7216	219.7957	169.0985	155.5016	179.3306	227.1783	184.7904	232.7864	
CUST_12498_PI429010886	N29570	0.020016653	24	3			Protein metabolism	Proteolysis		1567.333	1189.94	1433.817	1830.285	3827.862	3007.18	949.6232	1500.263	1363.959	1240.074	2335.81	2722.979	1413.759	2123.927	2860.025	915.0887	793.634	1301.191	1906.005	1083.848	1732.429	1205.129	1595.525	1429.783	1429.783	1205.129	1429.783	
CUST_13535_PI429010886	N31346	0.020016653	24	15	321465120	hypothetical protein DAPPUDRA	Protein metabolism	Ribosome biogenesis	1.55E-63	4847.527	8802.072	5427.368	4415.56	4388.629	4190.519	6393.352	7290.969	6094.281	5807.4	3940.028	5587.034	4798.856	5125.495	4475.935	7794.971	9194.226	11030.98	5357.194	6348.681	6515.192	4531.71	8669.063	7681.431	5157.305	5251.996	6567.976	
CUST_24059_PI429010886	N49956	0.020016653	24	3						148.0504	24.39028	171.097	160.2766	192.9931	223.3777	67.4639	42.26354	48.13265	55.87434	147.5789	140.275	69.23652	160.8884	233.0946	18.39442	34.04952	29.62066	29.58249	46.9424	46.00851	78.518	67.39104	101.9686	34.00804	64.99766	72.90397	
CUST_904_PI429010886	N7766	0.020016653	24	15	91093363	PREDICTED: similar to CG10576	Cellular Process	Other	2.19E-131	767.8994	1141.401	679.6938	677.0488	545.1995	608.2737	1211.537	960.8612	1067.28	822.3417	524.9759	638.4715	871.592	618.1517	774.7662	1513.287	1039.149	1487.991	917.9436	835.7807	1306.636	569.4689	927.3328	783.1683	879.8906	727.7655	947.376	
CUST_23134_PI429010886	N48313	0.020018973	24	21						202.3086	155.6009	245.2392	205.7884	208.9613	187.2195	148.6897	150.3698	182.3239	124.7912	223.1865	154.9893	190.9992	180.5627	156.2342	188.8287	185.3397	246.2584	203.2614	184.7904	227.5059	216.1326	186.762	248.8065	223.277	150.0449	235.5225	
CUST_795_PI429010886	N7343	0.020035021	15	6						5451.324	5756.98	7290.969	12317.37	7157.757	869.5599	13017.21	9923.978	18715.71	4825.163	5427.368	3166.856	18198.77	9613.776	5571.385	2217.875	2558.16	3286.945	22332.92	18522.28	22847.77	12765.38	23961.37	22526.09	16913.15	13790.46	30257.2	
CUST_10178_PI429010886	N25820	0.020045376	24	15						9.942624	20.26109	13.84416	4.581292	8.371114	14.84471	5.430904	9.896366	13.36606	22.95506	6.829023	18.2969	25.63215	11.36956	16.78177	21.83781	18.19011	28.40807	17.1166	10.09062	12.14006	27.2823	17.08884	18.23869	6.507715	12.34931	18.64884	
CUST_32700_PI429010886	M4862	0.020047761	24	15						46.21776	67.7438	34.58559	47.16802	45.22907	45.85217	46.95394	49.12192	51.53362	40.86304	41.09	46.07508	52.7243	46.48232	51.96584	81.81838	72.88356	60.20446	49.25556	48.58376	70.31346	35.43409	59.48775	39.03115	48.6216	48.74993	45.39182	
CUST_41807_PI429010886	M58597	0.020047761	24	15						21.12341	30.58943	12.14919	15.85285	14.31033	10.17169	26.13038	30.445	13.3283	22.96223	16.67961	7.293154	22.21765	35.61115	15.30631	32.07144	29.53009	33.83378	23.47597	42.1373	14.54128	16.62267	21.02556	14.33538	18.45165	19.96887	19.12392	
CUST_18098_PI429010886	N39138	0.020047761	18	9						32.85935	51.31552	46.72264	48.82419	26.2515	34.3611	64.91949	27.72385	49.88072	73.47778	52.62255	43.69272	73.27988	28.72917	51.02509	54.32526	65.33664	64.62434	41.58882	21.91645	54.84307	31.4617	32.21229	38.52874	69.17285	40.55768	62.09609	
CUST_34377_PI429010886	M9484	0.02007041	12	0						224.2026	257.956	270.6292	197.0569	222.2656	182.1021	223.1202	228.7822	223.9415	232.0442	202.3915	226.3355	235.9714	178.4173	245.5909	225.7047	243.0739	205.7216	235.9311	226.2788	237.0529	238.6788	266.4292	269.5152	250.2264	260.9827	356.2511	
CUST_8572_PI429010886	N23238	0.020075507	24	12	405965499	Solute carrier family 35 member			1.28E-30	18.2488	23.80543	20.34309	31.52857	53.12256	26.56409	26.05011	33.27509	28.23949	22.17034	34.3611	80.3791	35.49229	48.27158	56.57137	29.5453	37.18271	40.73056	34.03486	29.0511	30.14227	28.4993	42.60881	29.72388	41.50445	29.79347	28.14643	
CUST_2889_PI429010886	N13319	0.020077843	24	15	546683566	hypothetical protein D910_1065			2.45E-55	21.24278	50.62088	67.22535	29.17859	32.47195	32.49411	38.04316	48.6073	49.69782	41.63922	27.72605	32.17634	46.01299	33.06158	33.70651	46.86994	72.4917	50.91261	46.0486	52.57215	48.20014	43.73952	48.78475	40.28089	43.79306	39.38869	42.16378	
CUST_24198_PI429010886	N50213	0.020077843	21	3						16.46484	17.26425	12.17645	4.564484	47.46968	25.10747	89.53408	14.78891	18.42891	11.49555	13.32644	15.93995	10.44732	7.043846	13.92645	9.349393	39.84739	15.44997	14.79429	13.42476	11.36638	15.69552	15.24354	12.38261	18.81827	17.99135	23.82819	
CUST_22286_PI429010886	N46745	0.020084729	12	3						50.76484	27.55963	39.86943	77.31152	24.5729	49.69782	18.40393	107.9823	97.06787	15.86706	15.67014	3.930789	38.59195	63.28914	16.49866	77.62481	65.41928	74.13678	107.8435	99.88608	127.3332	29.36748	8.755998	8.005861	89.45518	23.33803	29.37306	

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_32021_PI429010886	M3020	0.02039661	21	15						617.3702	1000.752	786.1643	673.8771	451.4694	459.0911	617.3702	636.7343	534.4784	705.4218	564.5167	389.9629	642.1289	520.9865	508.4006	885.1856	1985.342	1953.31	764.2764	629.2438	694.4759	762.6542	1148.933	597.5894	725.1557	665.1463	767.8994
CUST_913_PI429010886	N7810	0.020402176	15	9	255653872	crustin 3 [Panulirus japonicus]			4.79E-08	68.38347	89.60857	104.6122	109.9768	57.81843	39.00565	43.8169	60.68039	87.14131	174.0478	78.48989	117.2793	79.98506	46.67221	46.91713	50.51216	60.63273	52.7243	72.85755	24.17927	64.10757	125.025	68.19401	103.8305	127.6821	126.6202	236.2202
CUST_2346_PI429010886	N9028	0.020410802	24	3						32.3182	13.05736	11.17145	26.3515	281.3108	143.4442	121.4522	19.20294	16.19041	N	115.8263	134.4487	5.392327	50.76484	39.9983	16.41194	7.273639	17.10224	4.198269	18.42193	8.308028	6.607812	17.96997	9.795733	15.32048	18.81173	5.468203
CUST_16712_PI429010886	N36733	0.020427435	12	9	307180572	Probable glutamyl-tRNA(Gln) arr	Protein metabolism	Other	8.6E-11	44.39683	46.02907	67.44859	58.81576	45.5838	44.00493	83.97595	66.15962	67.61972	68.12566	70.1726	68.48192	73.16089	53.37496	61.74127	87.75149	63.32579	48.30614	45.5101	44.61738	47.18539	73.68465	81.36078	61.10664	76.26211	61.1324
CUST_52025_PI429010886	M96127	0.020428054	15	6						45.29571	49.45288	73.00128	57.76704	130.3441	132.5291	85.785	74.32824	85.13676	84.36167	75.31313	86.04303	135.7008	40.85573	81.67118	78.29555	67.84273	77.82741	69.59216	45.91877	83.92194	313.9334	173.9842	241.3201	134.703	63.72422	144.8055
CUST_10794_PI429010886	N26801	0.02045716	24	0						299.8024	495.0948	539.3693	301.6158	237.0529	266.1014	342.6036	411.776	527.455	375.5874	304.9349	264.9162	359.3488	232.4886	366.7062	346.6392	335.2209	384.1573	505.1911	465.8295	507.5036	460.9197	445.7269	466.7106	622.1839	453.4842	654.1448
CUST_13229_PI429010886	N30818	0.020457749	24	0						19.70046	22.58797	14.27002	4.843001	N	9.946155	11.09687	3.232761	8.083025	35.81401	6.965443	15.2696	7.003523	15.14996	5.998488	3.348063	4.094973	10.03947	3.254981	4.766502	6.171885	N	11.95362	8.434585	25.60929	21.81818	8.188858
CUST_23557_PI429010886	N49028	0.02045997	24	0						21.06899	12.27699	21.20837	16.3304	12.97286	6.353992	7.94894	14.99779	11.79315	25.57409	10.27106	9.547929	8.522432	5.342246	NA	10.04615	7.663806	9.180205	8.392924	13.53805	6.967623	30.73939	NA	12.62329	11.44051	24.64742	14.34474
CUST_25991_PI429010886	N53450	0.020466982	21	15						5.376612	16.08831	12.07314	10.38475	NA	8.143822	8.253616	20.4836	13.34709	12.22002	6.100675	13.00824	11.74876	11.84707	9.553409	19.60994	16.03888	45.9872	26.79339	15.57705	11.96844	31.81746	15.9983	17.12756	9.106589	8.215865	5.420396
CUST_46261_PI429010886	M71981	0.020470503	21	18						25.50686	18.19202	32.95505	30.99121	16.60566	20.49843	28.04788	22.91863	26.45386	21.33315	13.88764	21.74621	19.7933	14.42489	20.37574	33.39856	11.05843	32.22585	48.93341	27.99322	45.47674	34.32123	26.64465	39.33451	48.2963	17.33156	45.64468
CUST_34877_PI429010886	M10966	0.020471577	24	15	321471971	hypothetical protein DAPPUDRA			4.59E-57	20.27243	33.89397	45.78637	22.42126	31.01077	18.5449	43.56248	46.76121	39.29873	28.35209	32.69926	34.17398	30.98678	25.64234	37.84156	47.38035	52.39688	48.12738	34.82911	50.71375	45.3219	31.68069	41.76233	34.70595	49.30833	34.40524	46.2068
CUST_31302_PI429010886	M1172	0.020471577	24	15						900.3004	1409.957	1132.05	965.4976	876.0896	761.0743	1478.799	1388.047	1361.853	1230.097	979.3611	893.7709	1185.739	830.1589	1021.074	1707.189	1816.946	1975.778	1266.211	1124.051	1466.161	1103.734	1247.935	1129.142	1414.36	1167.815	1344.214
CUST_37300_PI429010886	M18542	0.020471577	24	15	242009697	T-complex protein 1 subunit the	Behavior	Behavior		1562.544	3811.795	1921.473	1662.168	1313.269	1308.545	2842.045	2851.067	2956.694	1833.616	1624.639	1592.484	2047.134	1777.355	1418.063	2663.717	4224.791	4045.654	2395.468	2224.156	2879.516	1617.033	2130.512	1975.778	2408.139	2135.546	2168.846
CUST_37351_PI429010886	M18760	0.020471577	24	15	478257781	hypothetical protein YQE_05601			5.18E-19	3376.686	10248.36	5966.983	4193.691	3354.131	3215.844	6727.299	7568.31	6631.875	5277.675	4353.655	4427.539	4885.181	4545.107	3847.793	6845.752	10626.1	9080.902	6165.981	6233.119	6945.783	4224.791	5879.268	5342.932	6837.265	5625.087	6333.445
CUST_37798_PI429010886	M21636	0.020471577	24	3				Developmental process	Embryo development		3783.527	15.35763	3620.969	3759.237	4279.69	3104.628	110.3983	138.9534	210.4367	1964.046	3324.822	3387.12	1091.098	2306.791	3390.028	4.406527	7.907113	19.71392	141.1162	453.3141	498.5642	1885.037	658.5111	1695.833	157.5397	207.9921	380.5457
CUST_32268_PI429010886	M3671	0.020471577	24	15						178.0606	428.2506	412.1414	192.5048	159.2248	167.5904	351.422	387.249	416.1276	313.9334	193.5276	297.188	217.7022	232.2336	221.1981	389.053	606.7201	527.9796	331.8463	299.6699	365.1669	224.1479	256.573	285.9649	258.2813	300.8806	318.1938
CUST_46631_PI429010886	M73230	0.020471577	24	15						294.8466	276.0746	288.3047	251.1346	198.0058	220.1875	299.7411	226.2788	345.2692	348.7073	293.568	267.7311	284.2467	258.3202	282.551	406.6714	306.8476	409.9614	395.8718	243.9147	315.18	326.4698	258.0601	310.1119	427.5284	284.6794	311.9509
CUST_33940_PI429010886	M8975	0.020471577	24	21						24.93287	67.80935	35.08725	51.71141	49.7367	47.96277	43.04426	47.58263	45.17758	34.19427	46.20239	34.35444	50.89474	57.58879	76.82462	46.54074	37.25229	52.87075	44.7999	58.40039	52.29097	74.01825	50.15161	47.85099	55.53179	
CUST_2636_PI429010886	N12805	0.020471577	24	15						4700.854	300.8131	4279.69	2608.106	15767.9	9684.529	265.4524	828.3699	238.3045	2525.017	8107.941	7568.31	281.2628	1039.61	12605.8	203.392	197.1967	182.8511	245.4891	1448.453	259.9818	292.0796	531.2109	301.6158	192.9259	1390.116	205.0181
CUST_4005_PI429010886	N15767	0.020471577	24	15	321478414	hypothetical protein DAPPUDRA	Nucleic acid metabolism	RNA metabolic process	1.3E-29	408.4889	832.328	468.6225	388.2241	283.2866	377.7197	659.0035	563.4896	630.5448	628.6837	373.6591	427.391	494.3291	418.6884	380.2708	623.1184	816.5697	857.1902	419.5373	548.4345	692.8899	417.5037	492.658	857.1902	458.0202	549.5192	
CUST_13885_PI429010886	N31937	0.020471577	24	3						178.9536	117.4173	157.4566	147.8425	537.5716	317.1285	79.56634	104.5338	65.9928	73.19641	395.8718	449.1793	101.9686	327.3332	355.0179	61.10664	74.90044	58.39443	71.12138	136.4791	100.2745	126.9698	91.18387	104.437	62.70293	152.0785	77.16447
CUST_19144_PI429010886	N41048	0.020471577	24	3						252.884	66.17651	171.6359	223.8638	261.8228	261.8722	71.75645	94.97719	67.20028	157.1984	202.6223	250.1228	164.0887	200.6093	285.4767	68.70749	60.0855	68.01088	77.5233	94.74514	75.22137	210.5427	160.2439	251.7959	79.96781	188.8287	139.3356
CUST_1144_PI429010886	N8629	0.02073605	24	15	270014040	hypothetical protein TcasGA2_T	Metabolic process	Carbohydrate metabolic process	7.98E-15	95.70549	211.6596	148.892	226.1282	82.50222	136.3915	411.0555	243.4049	201.6125	407.0205	191.5757	175.8536	351.0025	158.518	233.5329	550.6893	454.0605	504.0705	296.6874	86.11117	239.8291	237.5901	106.786	201.1205	405.1953	219.4592	179.6067
CUST_52162_PI429010886	M96600	0.020497188	24	3	158287719	AGAP011030-PA [Anopheles gar	Protein metabolism	Cellular protein modification process	2.96E-46	16.35396	23.86617	16.64948	18.65321	22.92862	17.47131	14.5199	17.46742	17.03934	18.67811	20.95678	13.68928	13.68381	28.00878	12.83426	15.13397	13.74572	12.95701	9.770244	18.26175	12.03632	16.54048	14.40443	15.37158	13.60934	17.0552	17.75392
CUST_31119_PI429010886	M738	0.020533505	24	15						98.87854	392.4757	156.0675	155.5805	62.7253	152.9126	345.1067	383.3865	330.6328	172.3129	95.45574	99.64105	293.6477	331.5173	203.3258	439.3042	622.1839	402.5585	241.8418	131.8269	199.2156	123.2754	428.1289	133.6243	168.4596	232.4494	104.2696
CUST_44741_PI429010886	M66846	0.020540418	21	6						31.03777	40.32964	43.7275	38.14824	53.09948	37.3274	73.46044	62.76751	76.75947	34.00804	42.42877	46.92175	35.19371	68.20885	42.56107	24.67085	67.83335	50.83559	59.15801	53.74306	45.94141	11.00571	42.26354	19.4916	45.67405	69.96485	54.26213
CUST_9570_PI429010886	N24855	0.020555411	21	0						50.48397	42.57027	39.79062	41.23754	25.20922	38.65223	51.34712	30.73256	40.51232	29.4237	24.24843	38.66936	27.30898	33.48738	31.28585	53.99104	26.90764	35.78309	52.27625	42.40053	29.7085	57.52657	32.34036	57.49102	39.92572	31.37614	43.35233
CUST_16443_PI429010886	N36248	0.020555411	21	9						3.634937	14.97194	12.32348	15.27129	7.746795	15.1083	34.68278	12.31255	14.18475	9.758637	29.13899	16.33604	15.37158	5.513814	23.48051	14.93264	31.49411	7.420131	7.43445	4.196761	4.317606	7.490317	5.158329	14.37304	12.12259	6.604659	19.57916
CUST_11604_PI429010886	N28111	0.020560027	24	18	66521086	PREDICTED: UPF0368 protein Cx			1.14E-46	103.0482	183.9085	126.1572	96.81529	70.89953	73.17158	95.45574	137.524	143.059	113.5819	74.44615	106.7994	113.4873	111.1646	61.46387	105.285	157.7362	158.0791	147.3924	150.9904	180.3409	155.5241	128.1046	123.3723	139.4307	125.7133	156.2876
CUST_17413_PI429010886	N37922	0.020560027	24	18						57.12516	54.20975	39.58953	33.48088	23.24382	30.27748	40.72568	34.12714	42.9709	50.77623	34.46864	27.82089	37.58094	42.53768	25.75942	41.87629	42.37353	57.22713	75.43954	47.16128	43.15923	50.57582	33.31402	45.35771	49.48565	34.67259	36.68361
CUST_33668_PI429010886	M7555	0.020565011	18	15						93.13119	142.8672	118.4437	128.4222	97.6745	117.9157	119.4981	134.4639	120.6396	111.1891	126.2905	120.8801	135.5937	110.8072	119.2957	131.6939	139.1141	157.0815	113.7563	130.7958	115.4035	97.22863	101.588	105.2562	115.0832	107.5502	143.8832
CUST_49132_PI429010886	M84276	0.020565011	18	3						2224.156	242.2901	1295.587	2464.909	1758.225	1533.458	831.6922	605.4928	1212.445	1923.884	1507.382	1503.022	3247.587	1412.941	2104.842	93.37419	73.11579	77.95933	960.1156	1116.506	1369.757	2482.212	1823.25	3387.12	1436.159	1466.161	3804.856
CUST_25752_PI429010886	N52993	0.020565011	18	3	395484809	glutamine synthetase [Fennerop			1.77E-16	428.4643	76.31853	437.2723	581.654	125.6344	511.6359	54.95988	94.51495	87.63468	355.4873	251.6934	327.1238	226.6091	108.9605	270.6292	36.48955	56.98746	65.87993	116.3209	130.7209	131.1039	571.275	244.0506	564.8143	138.5964	101.1175	180.7516
CUST_6456_PI429010886	N20124	0.020612973	21	15	13898841	CUB-serine protease [Panulirus s	Protein metabolism	Proteolysis	1.75E-63	40.51232	NA	49.67166	NA	NA	4.224486	29.30711	16.5317	28.25712	15.62701	12.38845	NA	46.768	NA	35.71025	82.84289	33.71063	74.37918	42.03961	21.96936	47.31029	70.04249	NA	67.23484	47.18539	21.80093	24.77657
CUST_42546_PI429010886	M60557	0.020614317	12	0						123.2849	249.9126	194.4831	125.5101	127.259	125.123	111.5731	123.8198	134.4881	139.9139	118.3395	149.786	122.622	135.1101	182.4139	154.4146	130.0847	141.5813	106.8569	107.5438	101.2137	142.4297	130.828	134.5458	148.7726	136.5823	173.7813
CUST_34292_PI429010886	M9253	0.020614317	12	0						60.28486	32.69318	58.11342	40.62628	55.35053	46.9424	16.99422	35.43842	24.95817	62.80714	40.1235	44.30249	62.196	55.87434	70.1726	45.44669	25.97804	35.17181	15.35339	34.53535	39.70565	74.35572	40.52643	60.43161	66.17125	37.51134	59.18726
CUST_10454_PI429010886	N26263	0.020614317	12	0						726.5143	31.69335	659.1588	217.1239	222.505	180.8452	25.24715	24.44847	11.44514	79.62038	145.3012	200.7173	161.754	500.7179	689.0797	42.80977	5.313088	37.3361	51.64343	23.352	68.30294	151.3949	26.15886	145.4106	69.6714	46.84848	128.2527
CUST_54672_PI429010886	M107103	0.020622543	21	15						7.772157	NA	13.27938	16.9559	10.90671	9.42062	NA	NA	NA	16.35738	NA	4.185378	16.44342	NA	NA	28.8807	23.67523	38.66936	19.81872	28.88374	30.55784	6.15433	4.902653	10.96033	18.58892	5.348861	9.457347
CUST_8920_PI429010886	N23798	0.020635901	24	21						51.06491	65.41928	80.48196	57.01067	87.01734	58.91249	34.06404	57.95506	62.35954	55.37116	45.17249	54.05215	81.55186	64.6835	65.76047	61.18666	63.24693	59.28006	68.01088	70.50377	72.47632	71.69067	59.55202	83.31337	72.19272	68.12566	87.53029
CUST_4669_PI429010886	N17245	0.020650737	24	15						18.91474	42.20935	41.42487	26.63281	42.17431	30.99121	21.76426	26.22059	27.55963	19.07007	32.7202	29.48091	37.31661	32.72443	35.63867	37.34896	44.90369	49.28723	35.3123	47.64701	29.00237	29.94695	26.83424	34.43322	43.74346	40.82956	42.19985
CUST_45179_PI429010886	M68246	0.020667763	15	12						24.61634	60.92733	23.7799	61.56482	26.87469	50.22696	22.17869	30.00163	18.25979	23.61225	76.51861	34.57091	67.7048	28.42064	79.64838	67.7048	79.40591	10.3668	62.69677	23.24571	25.15651	23.14891	19.97953	20.43485	18.00324	55.24742	33.22138
CUST_51335_PI429010886	M93133	0.020696056	12	3	443695706	hypothetical protein CAPTEDRAI			2.48E-18	124.0147	82.7815	101.8893	122.754	88.93364	130.752	104.2173	72.22265	90.29464	79.97607	84.73544	81.85533	95.05524	150.7246	201.3668	180.676	113.5819	124.7322	104.1889	70.51234	119.7969	87.66036	88.57697	96.51035	91.17437	91.6714	77.32899
CUST_37929_PI429010886	M22277	0.020699039	24	15	321459544	hypothetical protein DAPPUDRA			2.02E-19	984.5856	4041.944	1594.029	1291.739	235.8371	833.5137	3516.69	2278.847	2648.467	3154.32	1226.655	1090.482	2103.097	1921.473	1240.074	6165.981	9444.83	8886.515	2256.232	1089.998	2065.743	1891.416	1249.272	1667.986	3463.912	2442.216	731.5275
CUST_31847_PI429010886	M2557	0.020699039	24	15	383855454	PREDICTED: uncharacterized prc			2.53E-32	36.53636	55.32819	51.38302	40.07582	30.1739	32.40149	49.91446	45.85631	59.11715	45.33911	57.95506	50.16621	47.33022	30.7358	28.69118	91.85221	58.4887	75.28314	49.81307	46.80566	42.6001	45.48093	68.66348	76.22837	54.23194	43.16883	44.91446
CUST_40041_PI429010886	M49140	0.020699039	24	15						4663.073	4284.075	4622.321	2734.019	2715.678	2355.337	7886.969	5415.358	7450.782	6818.249	3452.681	4680.36	4705.762	3331.869	3936.583	9598.965	8683.686	6343.146	6809.882	4181.398	4461.089	5929.402	4258.14	4819.372	6448.141	3588.155	5365.583
CUST_40060_PI429010886	M49583	0.020699039	24	15						3230.906	3415.242	3924.629	2208.268	2375.903	2003.765	6809.882	4700.854	5756.98	5907.39	3190.966	3978.701	3368.791	2846.594	2996.567	7844.789	6649.946	5137.74	5191.892	3397.779	3598.269	4305.784	3117.642	3368.791	5415.358	2740.835	3744.093
CUST_135_PI429010886	N1364	0.020699039	24	3						147.1902	125.8242	156.5986	146.8225	216.8711	171.4564	126.521	133.4052	108.1711	80.63831	153.7124	93.04693	102.6632	288.4188	208.9613	77.86312	98.68778	65.46439	105.0258	120.1733	78.62482	102.5191	143.647	65.88877	96.39493	128.0875	65.54992
CUST_5102_PI429010886	N18259	0.020699039	24	15						757.5703	1055.306	956.8208	848.3549	692.3061	703.4578	1004.431	940.7158	1140.288	1040.528	817.7537	821.966	1026.869	800.8587	877.3403	1325.644	1182.698	1169.783	946.5528	860.0989	1174.279	923.1653	1053.829	1201.304	901.1852	929.4814	1262.927
CUST_16256_PI429010886	N35929	0.020699039	24	15						79.53675	104.4233	145.3012	84.3918	74.62293	77.46257	104.9576	117.7118	135.1939	109.5188	91.95645	110.6039	99.92196	85.77379	89.67162	130.5329	133.3046	161.7929	126.4468	99.17293	126.6202	97.11689	129.0467	92.7489	121.6468	119.7443	121.3291
CUST_29061_PI429010886	N59131	0.020699039	24	15						304.9349	347.0422	407.2747	325.1877	231.6588	196.581	445.8569	281.3108	497.9545	527.455	296.3076	415.8002	335.4857	288.7179	275.3486	565.9351	474.5724	603.562	416.6449	378.5271	729.1294	433.3852	334.0615	488.3385	463.9651	316.5959	618.5099
CUST_9562_PI429010886	N24842	0.020701887	12	0	383850275	PREDICTED: collagen alpha-1(IV)			2.03E-10	21.29142	21.26553	37.37325	14.94152	11.77605	5.414126	19.78002	26.54409	25.36192	14.9705	10.41882	9.96829	25.19327	23.59807	13.55428	36.85694	NA	5.59163	11.59108	20.82114	19.37891	16.58793	7.277684	11.41467	23.6825	37.55337	42.25942
CUST_8085_PI429010886	N22492	0.020715431	24	0	321464458	hypothetical protein DAPPUDRA			6.95E-36	37.10697	105.6633	56.34222	46.71131	20.13002	34.4224	29.00394	46.89534	41.91066	41.57553	33.05084	25.6877	43.30339	26.16413	33.81229	53.87784	46.53342	51.50144	48.48107	49.71921	16.8899	35.91688	39.96697	35.61954	47.62962	27.85193	
CUST_40969_PI429010886	M56511	0.020720752	12	9	321479500	hypothetical protein DAPPUDRA			1.99E-27	105.3222	90.74217	155.8635	124.6493	91.45416	20.36911	150.0449	165.5396	197.8282	175.0698	173.6995	181.173	111.7404	110.4109	55.32819	100.4774	119.3614	149.533	308.8108	437.4032	489.5895	188.9036	331.7854	330.0358	144.2441	242.9432	359.943
CUST_24612_PI429010886	N50942	0.020726366	12	3						228.0728	201.155	49.12781	211.7618	1152.623	924.3063	376.7778	873.5747	614.9534	349.3947	379.9317	448.0132	381.7573	400.0672	173.2168	927.3328	359.8294	717.7206	456.5305	746.4733	393.1863	99.35613	109.9913	85.23471	399.4473	220.6244	151.4448
CUST_28242_PI429010886	N57583	0.020730118	12	9						14.65575	NA	22.629	22.75207	7.651711	7.87171	NA	10.52727	8.730033	34.76036	27.69481	38.27451	76.84692	13.73333	23.03897	NA	NA	NA	25.5566	17.55426	13.36058	62.89605	54.50978	38.91258	42.35304	5.879006	52.84329
CUST_5461_PI429010886	N18737	0.020747153	24	15	328787903	PREDICTED: RNA polymerase II-a			1.65E-149	18.3082	22.58254	24.92085	27.23544	47.24767	15.84205	21.68562	17.18732	15.61908	25.53977	29.85892	25.34819	29.79915	18.7792	27.80262	37.49445	45.43624	44.25351	24.6974	53.09289	67.79476	24.70901	20.31011	22.67247	40.68971	31.28585	42.84015
CUST_11568_PI429010886	N28047	0.020747153	21	15	241739711	hypothetical protein IscW_ISCW			1.25E-26	151.9479	127.0936	118.1532	131.4171	52.30892	109.6887	188.4419	113.5681	121.5849	151.4448	76.25504	122.3346	118.9736	96.64158	122.3002	228.7822	199.3831	202.9059	154.566	89.60857	189.9808	140.6285	80.71612	142.126	150.0105	90.30614	114.2871
CUST_25691_PI429010886	N52890	0.020752595	12	0						7.810134	10.81549	16.65157	11.75186	14.39217	15.88853	3.751789	5.756344	7.698781	13.21801	5.013117	15.67952	15.39651	14.43641	16.28066	8.253616	NA	6.672899	3.919459	3.96044	3.351724	7.006651	8.056452	21.17952	12.12405	6.478825	8.786192
CUST_12141_PI429010886	N28993	0.020758041	18	0						381.2824	821.5501	895.8876	219.8411	400.6266	348.5318	226.4976	186.1038	111.539	175.4908	363.6624	218.7135	242.7903	552.6048	643.2149	240.802	503.7654	182.2908	209.6366	722.7897	637.6043	203.0154	624.5971	344.705	377.3111	240.1155	329.3762
CUST_49601_PI429010886	M86357	0.020763221	12	6	119487704	betaine homocysteine methyl tr	Metabolic process	Cellular amino acid metabolic process	1.58E-19	476.5395	1241.315	901.0046	687.0247	779.344	550.3617	882.5044	946.146	1193.688	719.0646	682.5361	534.1168	506.9058	461.7785	399.4473	734.4362	1217.388	917.9436	1037.05	1534.973	1640.282	640.002	716.8261	707.3888	951.856	657.1039	872.0312	
CUST_31790_PI429010886	M2422	0.020767126	24	9						9.76161	20.57977	NA	21.18377	65.22345	35.80613	24.62442	29.0942	9.064402	11.52408	49.55479	51.42014	17.39987	26.80276	40.33676	7.61802	8.45839	17.58605	13.24351	8.843446	4.936883	11.77451	15.68303	6.899584	4.974069	24.51729	4.9656
CUST_55045_PI429010886	M108497	0.020772231	24	21	390362924	PREDICTED: zinc finger protein 8			4.97E-64	210.4634	232.5608	228.8193	219.0312	179.2719	173.5608	194.2665	185.084	210.2979	243.6749	171.1487	213.7108	217.8383	195.0025	147.5505	187.5751	204.0717	200.7515	223.3238	237.9791	235.7954	222.3991	255.3385	224.1099	237.8029	184.3285	222.3734
CUST_40138_PI429010886	M50881	0.020774471	18	6						5.19429	11.66134	3.798325	4.678681	10.02094	12.85763	10.16831	14.13349	13.0149	11.55881	NA	12.10509	6.933026	5.74117	7.115942	4.561328	10.86172	8.885052	6.254674	8.794886	4.79986	7.335668	43.16883	4.393547	10.91277	13.56792	10.42169	
CUST_52163_PI429010886	M96602	0.020779143	21	3						7.560056	5.673079	8.546932	NA	NA	NA	5.401743	NA	6.931329	5.948304	6.904947	10.14167	5.000247	NA	6.387046	5.724534	NA	5.909844	5.494001	4.103542	3.716102	9.683226	15.70264	5.940149	8.641728	5.784206	13.59227	
CUST_4083_PI429010886	N15969	0.020790548	15	12	402589316	actin [Wuchereria bancroftii]			9.88E-15	55.69808	43.19018	50.76093	53.66499	53.66499	58.11342	43.22841	25.43349	45.86771	43.08271	39.8332	40.73438	41.38164	70.12343	69.82715	65.67004	46.81937	35.97416	40.53493	32.50656	44.75431	29.34349	34.41857	30.0529	35.36547	38.93757	29.81035	
CUST_15099_PI429010886	N34008	0.020807706	24	15						1191.902	1398.823	1401.131	1483.632	812.4851	974.6663	1426.211	847.0248	950.4596	1711.883	799.5929	1228.932	1512.535	772.308	1208.723	1984.393	1436.914	2141.9	1832.717	1130.351	1843.608	1580.709	1441.224	1851.473	1647.856	1281.883	1763.47
CUST_15261_PI

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_4063_PI429010886	N15924	0.021176034	21	15						56.49639	120.7668	64.18993	79.24842	69.04786	86.45703	99.88608	193.0974	107.9218	146.6342	154.1288	99.90955	72.96184	138.5532	59.48241	141.9381	72.1371	181.5127	113.5928	83.87393	116.0759	92.34598	43.54722	77.41498	165.7838	160.5173	97.42977
CUST_23932_PI429010886	N49724	0.021182838	24	9						8.576647	5.623142	9.462955	16.70829	27.10746	17.42256	NA	NA	NA	15.25861	19.13165	30.40072	3.61599	14.38342	17.2724	NA	7.066092	3.426576	NA	3.79599	NA	8.095073	9.01805	11.59806	6.211681	6.934132	5.160304	
CUST_49309_PI429010886	N85125	0.021189105	21	6						111.5172	596.5924	732.7974	121.2999	30.07837	39.68636	168.2226	120.7872	337.6329	60.13944	53.98617	33.35975	89.93986	34.83692	33.44947	184.5342	86.27418	195.0851	331.4329	70.25686	131.9274	121.2679	158.2614	133.5115	466.4316	101.9985	
CUST_5360_PI429010886	N18591	0.022110087	21	15						155.1864	219.538	210.3322	177.9078	207.3346	154.854	200.0418	190.613	176.5842	165.7121	174.1934	117.6349	161.6064	160.737	159.2248	205.1648	247.9707	246.4061	180.7516	191.3144	110.8033	161.7147	215.7105	203.4357	180.0489	172.4022	202.7719	
CUST_6636_PI429010886	N20381	0.021213458	12	3						97.34674	170.3943	119.2089	88.1883	102.7355	120.5417	97.30769	170.5634	136.0065	100.2889	89.71365	70.10685	110.0735	87.67177	113.9812	161.5143	179.9258	199.3831	138.1161	133.196	157.3439	80.87979	82.85507	90.3848	63.5234	166.158	104.2957	
CUST_9124_PI429010886	N24100	0.021233781	12	9						15.37441	18.37962	26.81517	15.54734	18.0495	14.99367	18.36321	19.75521	18.61475	22.65185	28.08202	21.00723	26.9245	16.17146	24.4795	22.84192	10.04079	15.97275	11.65098	15.62519	19.19457	24.01452	19.05761	20.83109	14.22358	17.92151	18.7219
CUST_17657_PI429010886	N38362	0.021244585	15	6						50.25586	59.72832	9.767511	12.68845	36.14885	42.23986	71.34612	187.9422	70.96595	NA	11.74586	7.648589	3.358284	8.932822	3.705509	14.62836	16.17146	NA	25.73695	195.7159	17.32058	12.14919	78.79009	11.15315	9.748353	250.35	7.526841	
CUST_51174_PI429010886	M92476	0.021246469	21	15	48428564	RecName: Full=Troponin T; Shor	Cellular component org	Mitochondrion organization	1.33E-22	200.5182	182.0409	171.7541	242.2901	199.908	185.2774	222.9863	165.6814	204.3287	193.2061	125.7244	176.2281	186.658	201.6125	130.7332	312.6928	260.1465	350.2239	267.2693	186.1647	242.833	239.1254	185.3397	246.5526	245.1417	183.381	147.7951	
CUST_38474_PI429010886	M27138	0.021247085	24	6						32.34328	18.43607	26.03031	20.59384	21.3859	20.04802	45.56749	55.37116	52.01796	48.38982	20.66527	9.965241	36.5095	12.77506	12.11997	17.48259	71.52252	16.02388	23.48894	12.91646	6.699326	9.785757	17.77566	9.186392	25.47532	21.86479	15.37628	
CUST_48895_PI429010886	M82756	0.021247085	24	21	307193037	hypothetical protein EAI_13213			5.56E-10	24.30578	52.66618	52.91761	36.43974	32.52246	37.77609	15.21701	38.5634	44.52224	27.5803	55.60957	17.14363	32.13989	45.03269	37.57549	66.85645	42.93375	47.90611	44.16317	34.98417	52.37142	61.6196	52.31981	59.5443	61.30321	39.94687	58.91866	
CUST_51138_PI429010886	M92334	0.021247085	24	6	291227435	PREDICTED: moesin-like [Saccog			1.24E-33	146.2169	108.583	114.952	82.58348	120.6837	123.8331	136.7201	120.5417	166.5055	181.3177	98.50388	197.6734	129.4603	102.2013	96.5246	131.0265	109.4096	99.54889	105.5565	103.9519	100.7083	99.18844	96.57151	85.93897	117.7735	88.84654	90.06479	
CUST_15509_PI429010886	N34697	0.021247085	24	21						30.17742	14.94729	24.98354	33.66061	34.25718	21.47745	53.14759	21.09303	23.26403	40.46925	19.8965	28.95792	36.78126	29.78059	31.61116	49.45288	35.55503	44.04067	43.28585	37.45982	47.38035	59.3284	39.77499	67.76221	48.67665	44.35011	42.50868	
CUST_4003_PI429010886	N15765	0.021249875	24	0						121.6645	124.1913	136.3513	124.0306	110.9429	124.3957	131.3179	139.003	146.7041	119.0641	106.9545	119.4473	108.6739	112.5245	88.92336	171.2412	149.3774	125.3435	132.8203	118.6368	116.4561	154.1096	122.2838	135.209	183.7819	151.0875	145.3581	
CUST_35538_PI429010886	M12822	0.02126318	24	0						181.0813	339.077	268.6423	251.8474	261.7118	209.9184	258.5627	228.3687	310.1119	242.6247	141.6357	216.65	193.3912	230.7269	197.796	249.2986	252.1635	281.1928	244.9453	305.1744	315.2731	245.1417	267.4596	266.1484	264.2234	254.3715	321.2836	
CUST_45843_PI429010886	M70475	0.021283251	24	15						328.7563	344.4852	418.5156	317.1285	301.1497	323.6649	315.4675	326.0747	325.4289	387.1258	320.1071	332.8862	339.1735	322.8267	271.8944	450.9209	361.9035	386.1445	456.4069	322.75	353.1568	425.1755	381.5238	337.5799	342.1248	340.7848	451.6859	
CUST_14309_PI429010886	N32668	0.021289323	21	6	332016339	Dystroglycan [Acromyrmex echi	Cellular component org	Cytoskeleton organization	9.09E-20	25.10897	33.69474	33.50165	32.5401	30.94993	31.07888	39.60406	27.59053	34.03238	29.84354	22.10929	17.12908	33.40941	20.47128	13.27388	24.47696	24.1058	24.27972	25.97804	29.29497	18.57573	29.12453	22.77868	19.37143	34.04257	27.88249	27.44415	
CUST_48601_PI429010886	M81218	0.021292693	12	0						6.842059	NA	NA	NA	12.5832	7.687509	10.84134	9.700016	5.334914	6.475159	9.556905	NA	11.25219	13.81714	18.07903	31.61624	17.31771	4.704254	7.964923	5.736085	4.977375	3.885898	8.994279	27.75337	10.01527	12.46071	10.86736	6.550174	
CUST_1038_PI429010886	N8291	0.021315211	24	21						135.0204	138.8445	175.6627	129.5648	129.2573	154.1589	100.8307	143.1622	143.4269	137.0769	125.025	170.7219	110.0556	140.2618	108.5274	180.7102	116.8939	175.5738	178.0606	159.8296	132.8754	188.4898	139.866	206.2187	164.1137	177.9607	159.0794	
CUST_42482_PI429010886	M60388	0.021326678	18	15	321464482	hypothetical protein DAPPUDRA	Protein metabolism	Protein folding	3.43E-31	70.36913	76.93465	72.18458	72.02191	42.5786	56.71352	95.15335	76.06374	71.41406	97.87129	63.36224	89.71365	90.06479	62.59981	62.27316	117.6125	105.5425	83.13651	101.1839	59.41831	98.097	71.67272	47.21843	74.16527	87.23514	52.98141	78.4622	
CUST_10298_PI429010886	N59550	0.021326678	18	15	291239109	PREDICTED: thioredoxin domain	Metabolic process	Oxidation-reduction process	1.75E-19	13.87312	11.1375	17.16838	11.72346	3.556735	10.05997	13.37894	14.5233	13.05606	27.36851	14.36388	8.867841	18.71505	12.99918	13.45015	16.08274	17.25337	25.8625	15.75178	14.60252	19.37461	7.883393	9.579066	16.9401	13.84533	16.69103	18.87134	
CUST_1091_PI429010886	N8463	0.021331618	21	0						NA	11.57188	NA	7.336788	6.101511	9.86692	4.224486	6.784619	3.671615	5.59915	4.116205	7.201851	5.320114	6.682398	NA	10.44258	5.146696	10.48767	16.9505	NA	6.602495	8.801336	NA	12.06245	5.803119	5.092156	13.1101	
CUST_45258_PI429010886	M68507	0.021332874	24	15						326.6921	205.2018	151.9479	114.1092	58.08057	114.1426	661.4243	149.8334	577.3756	782.6486	479.3697	104.8681	81.64232	506.5099	91.46995	1319.617	1068.824	550.6893	450.1126	580.4723	927.0038	259.4124	24.10826	205.0491	620.5792	139.6429	490.4622	
CUST_47847_PI429010886	M77826	0.021332874	15	0						110.2483	103.9519	89.91214	86.83154	61.28823	90.8123	110.9089	75.56156	62.59981	94.96672	60.78548	95.28229	96.33044	76.05422	80.09649	131.9274	104.661	114.0296	106.6811	90.53932	95.71962	84.72348	81.51736	59.69202	126.1702	79.71725	95.77149	
CUST_31143_PI429010886	M813	0.021347024	24	0						246.0227	352.0796	362.0388	235.8371	351.5196	319.5317	265.6462	293.4022	308.6292	253.2927	281.0852	323.446	230.5374	280.3649	264.4099	269.4621	342.6036	360.4299	289.3915	342.9765	316.1661	325.2782	362.8786	295.1045	315.2731	353.0555	373.1569	
CUST_29693_PI429010886	N60357	0.021347024	21	15						133.2506	90.97666	123.2754	112.2407	84.5309	98.097	103.5395	92.60339	97.56774	138.4394	94.64399	101.7744	129.5335	76.16048	104.5461	175.9965	123.018	146.4666	120.1351	98.89641	110.2586	119.8892	101.0722	117.6349	119.6988	107.1698	110.6677	
CUST_29699_PI429010886	N60365	0.021347024	24	15						32.65852	37.98691	44.20516	35.17211	34.21691	32.86579	39.61981	34.09348	33.6128	44.82232	19.32331	38.98386	27.67304	34.88898	35.85354	46.73349	50.49566	59.09838	53.49041	34.45309	46.43071	42.16378	40.93762	37.51134	55.58555	33.51959	37.6281	
CUST_37887_PI429010886	N22053	0.021371607	24	6						24.26356	92.53323	28.12044	143.5809	117.2299	22.59279	182.8511	647.5505	599.3024	27.77493	54.18663	17.98274	95.34191	586.3741	21.42599	59.62625	373.5014	47.88053	23.99266	50.41173	40.23235	8.207939	56.87317	19.98797	15.99964	8.285959	8.801336	
CUST_44203_PI429010886	M65244	0.021371607	24	18						1633.469	3755.671	2924.097	1672.68	1436.914	1118.482	1938.89	2482.212	3046.537	2191.923	1893.112	1686.38	2278.847	1775.368	1526.163	1943.332	3269.912	2611.542	2851.067	2948.008	3017.306	2545.232	2940.045	2822.582	2646.596	2467.704	3281.159	
CUST_50839_PI429010886	M91195	0.021371607	24	18						102.4622	114.3193	127.9862	84.57655	65.23465	83.73063	101.4611	85.3597	110.2923	122.1215	100.6757	94.15594	121.4663	84.76892	98.07401	138.0384	123.1603	144.4115	147.5241	87.70118	127.4016	162.7602	111.5887	124.4898	165.8756	111.3836	152.6909	
CUST_2871_PI429010886	N13285	0.021371607	24	18						443.9249	656.4851	532.8364	458.8651	393.924	323.5302	566.7623	559.1602	623.7953	506.9058	376.9694	456.0887	634.8724	373.7341	546.6865	605.0439	625.2657	637.4326	601.9971	623.6004	923.7499	567.7111	595.0044	710.1661	729.4004	466.0849	695.3717	
CUST_56765_PI429010886	M114605	0.021381599	24	18						9550.071	12725.99	11763.32	10109.9	7194.306	8334.379	11667.94	11881.91	13248.98	10232.82	8430.296	8204.372	10017.83	7769.948	9129.704	16847.05	12359.97	14218.13	14794.99	12807.83	15141.22	12068.94	11695.66	12165.66	15585.38	12317.37	14256.4	
CUST_32840_PI429010886	M5246	0.021381777	24	12						13.74572	37.20056	28.96764	30.23399	16.91699	29.34996	49.0091	37.66871	25.53705	29.05473	54.31269	42.90901	45.81835	52.45861	39.30986	27.72385	61.37268	44.74977	37.45153	28.93796	42.80558	39.63441	72.00199	38.82052	31.50058	24.74194	33.66061	
CUST_45241_PI429010886	M68434	0.021400818	15	9						126.8958	174.4041	161.754	115.3116	112.2698	84.9728	77.87097	130.1961	132.6086	112.585	139.1141	163.3155	134.826	128.4423	133.3487	117.4524	175.8857	127.8904	113.098	137.1269	103.4513	182.4139	153.9484	167.4488	200.9087	156.0011	189.3285	
CUST_1636_PI429010886	N10300	0.021400818	15	3						52.6416	101.0339	74.78378	91.6714	89.7242	137.5851	220.7429	25.25032	170.3943	38.92916	40.72145	53.45027	54.1005	75.04432	79.04147	57.81459	79.21267	35.74914	204.2969	151.8995	233.6818	39.29429	154.3451	45.66597	38.16041	89.14903	73.43473	
CUST_6894_PI429010886	N20479	0.021400818	15	0						95.64524	105.5804	129.2198	97.03233	84.45149	110.0556	141.3865	133.684	130.9714	223.4669	104.8815	125.7435	129.5849	110.2359	116.804	193.0598	154.3971	166.5285	209.4149	75.78985	110.4624	124.5085	112.5251	142.9614	148.5106	135.7428	165.0873	
CUST_10378_PI429010886	N26142	0.021414791	15	12	242018454	Cytospin-A, partial [Pediculus l			1.04E-19	39.70188	21.48061	35.5246	21.11994	32.49478	33.59136	23.26403	19.71996	25.53189	22.41889	25.31848	27.11349	27.05751	36.14198	37.58637	24.6865	20.84244	29.67188	22.81652	23.68893	19.43935	12.54489	17.61898	24.37754	19.66716	23.95198	25.67433	
CUST_3054_PI429010886	N13695	0.021436641	21	0	126180238	beta-Ig-H3/fasciclin [Methanocu			2.56E-08	440.4343	NA	483.9464	289.1658	84.80017	255.7014	17.37611	18.57337	12.13635	141.3011	161.2674	107.7947	138.8656	58.18021	91.08467	NA	NA	4.476859	25.08179	28.12044	20.77726	641.9649	183.6198	540.61	7.802942	33.73205	37.71641	
CUST_17841_PI429010886	N38695	0.021439525	21	0						31.3559	23.05329	28.66752	15.91774	20.60087	29.4575	19.7654	16.2172	23.25373	28.29802	12.45014	25.41794	16.94155	14.31215	17.20063	27.89978	15.97652	25.41498	21.43518	16.04875	27.6757	31.52277	20.08558	30.54026	24.65812	26.25902	25.15875	
CUST_31344_PI429010886	M1311	0.021450419	21	18						564.2041	915.406	677.0488	645.4936	274.5666	335.3114	761.5417	587.8441	569.8831	608.8174	472.4073	404.7001	517.1871	323.0951	352.227	535.89	2144.939	1148.933	1044.527	639.2868	727.4839	999.9612	633.2997	879.8906	567.5384	519.4495	482.8348	
CUST_44131_PI429010886	M65032	0.021461988	21	3						7.076886	6.394884	7.135822	13.35017	108.5148	47.99288	12.00687	8.526821	10.90468	6.848153	70.28922	78.7116	4.666243	31.97696	21.82549	7.826429	5.754968	11.5869	21.85461	4.217288	3.978376	11.71679	8.33743	6.57946	12.28744	14.94152	12.01856	
CUST_30205_PI429010886	N61383	0.021475975	24	21						305.6416	514.0806	389.7239	387.1258	369.4099	336.7218	327.216	361.4106	361.9725	328.4824	374.1555	335.4857	347.2002	369.9026	358.7305	369.8268	442.4459	411.1376	338.5986	412.9894	386.8087	356.7674	478.6398	472.2533	393.1863	411.6604	508.513	
CUST_7044_PI429010886	N20956	0.021502563	12	9						98.86808	83.02117	94.55136	106.8903	71.68028	91.6593	105.6512	88.02817	98.1824	124.991	85.72132	114.5979	102.8535	66.68933	85.40071	73.28853	61.74773	72.5147	102.2094	77.19972	79.51886	147.5021	88.13366	129.2736	100.9966	64.13867	107.5363	
CUST_15758_PI429010886	N35093	0.02151337	15	9						12.36205	6.734835	11.00713	5.955482	8.252165	12.88915	20.08151	NA	10.82822	NA	47.54035	40.16574	5.554011	8.472404	NA	11.14899	8.860901	5.210982	20.94297	12.05475	29.30711	17.10366	18.44774	8.970532	NA	27.38152	30.42641	
CUST_52700_PI429010886	M98559	0.021533273	18	12	321478296	hypothetical protein DAPPUDRA			6.75E-17	28.31587	24.35683	26.18643	20.7271	42.44693	34.23772	40.0727	29.99634	33.27265	18.21058	32.83178	54.96474	242.8747	34.08501	46.59528	53.36513	24.31278	52.77429	23.41063	15.2486	31.41185	26.45386	27.70822	33.49057	36.49381	39.74086	41.28281	
CUST_52247_PI429010886	M96841	0.021539347	21	0						461.1854	130.4451	482.3026	273.1848	NA	311.9509	295.6886	147.3731	274.4093	120.4953	67.58103	7.23313	126.3851	58.43593	236.2759	NA	72.13266	3.796354	216.896	135.1465	NA	321.03	164.9813	173.5608	14.87626	NA	NA		
CUST_3672_PI429010886	N15015	0.021562044	21	0						57.67493	256.0012	217.7355	103.7054	64.63944	52.58831	99.26059	117.1549	178.1819	75.86824	141.753	28.94386	128.6628	45.29856	82.60618	56.05212	84.76892	79.99233	105.0886	101.0057	96.22172	157.6922	217.5757	230.7269	121.9689	72.21507	191.7176	
CUST_49567_PI429010886	M86153	0.021572589	24	9						22.31416	19.16283	11.09925	10.36172	61.33441	117.6515	23.16703	27.32212	15.33609	22.73253	62.05097	100.1016	10.19561	85.10841	95.46305	19.09012	17.25616	21.99437	14.97655	32.36608	8.930779	11.92197	NA	10.39079	17.18732	22.62431	17.27059		
CUST_48544_PI429010886	M80913	0.021580567	18	9						5.123782	14.16584	15.18461	11.39637	4.883912	18.05945	15.33433	10.42314	12.34301	39.6267	49.57699	29.44543	24.9867	7.812621	23.96123	19.48308	18.69594	10.51323	19.59742	10.75288	19.52695	12.79123	10.36863	16.99898	32.71622	7.241625	19.56045		
CUST_7779_PI429010886	N22064	0.021580567	18	3						240.6532	235.1283	303.1234	300.0533	598.2839	464.2927	190.5205	334.8644	303.0592	168.9955	398.7982	412.9087	304.7866	274.4093	341.84	155.5805	178.8078	182.4721	190.3204	362.4397	244.1329	309.0756	356.0032	300.9971	247.8796	294.7488	295.1045		
CUST_16709_PI429010886	N36730	0.021580567	18	15	321468435	hypothetical protein DAPPUDRA	Cellular Process	Cell death	7.95E-12	42.72425	141.0969	86.60823	49.69173	29.66835	32.28165	74.67002	70.27366	64.28431	113.9812	27.72879	58.94726	111.6865	56.79387	60.43161	85.54538	113.1623	147.2992	80.39714	76.90215	97.88781	35.23472	77.11712	44.36561	87.39589	77.7365	94.07474	
CUST_50968_PI429010886	M91593	0.021587163	15	3						6.461841	6.66539	NA	11.41834	94.58629	97.95973	19.25825	13.60764	20.2155	3.572744	34.29815	33.23134	10.12509	12.79275	15.53301	26.16165	16.00252	19.59198	3.13939	34.82826	36.8828	NA	21.11041	NA	5.031459	36.88284	NA		
CUST_23804_PI429010886	M7919	0.021589846	24	15	356483027	putative 40S ribosomal protein S	Protein metabolism	Ribosome biogenesis	5.63E-68	815.7902	1178.4732	660.4277	955.5815	648.4382	700.359	895.1277	924.3063	833.2103	1035.674	622.9027	960.8612	745.5832	823.2975	856.2208	1289.52	994.04	846.219	901.5762	1028.527	612.3531	865.6409	805.3699	708.0937	889.8229	750.9994		
CUST_5962_PI429010886	N19432	0.02158946	24	21						2013.288	1633.469	2285.617	1583.518	1531.626	1636.385	1556.093	1684.207	2125.115	1801.332	1256.746	1993.835	1514.569	1660.744	1885.037	2522.496	1716.333	2432.608	2663.717	1943.332	2133.67	2511.558	2041.036	2543.39	2849.078	1666.955	2640.776		
CUST_13471_PI429010886	N31246	0.021627826	15	12	241695265	integral membrane protein GPR	Signal transduction	Other	1.97E-42	21.80682	26.32359	53.98617	10.00107	18.7288	9.730417	13.114	12.43008	13.03303	12.16427	20.568	21.52992	31.15433	20.22587	30.41006	21.80093	27.26773	27.23892	27.28454	21.0408	18.21662	17.09586	19.71101	30.21523	13.41607	24.01937	35.22718		
CUST_35039_PI429010886	M11404	0.021642133	24	18						83.88489	171.4564	135.2412	91.75455	114.3676	100.4521	96.68164	147.1902	144.9793	113.3845	120.5704	120.9827	121.6093	95.96208	114.7492	113.1748	131.0644	146.7827	147.1495	146.7041	156.2876	142.1733	141.8724	150.8283	144.3062	102.2469	138.1892		
CUST_37128_PI429010886	M17938	0.021642133	24	21						61.47323	82.59378	81.12819	75.2384	71.6009	63.21401	67.3848	62.68299	61.87915	71.99448	57.49967	77.98875	85.89725	61.908	60.94991	89.01896	58.67081	85.19452	93.28654	74.15901	84.50226	103.9763	63.22855	99.54889	87.78171	79.83656	75.77805		
CUST_50808_PI429010886	M91061	0.021642133	24	21						46.55494	54.54304	51.171	31.5845	35.81706	49.19138	38.52068	50.8191	30.51443	49.92214	46.88337	45.68766	60.5679	41.53886	37.60724	37.66142	50.384	39.02642	38.99311	65.84152	50.89474	83.26396	57.05091	58.60789	49.22048	50.77134	63.89423		
CUST_9503_PI429010886	N24748	0.021642133	24	21						75.35753	123.4547	118.3923	69.89215	97.32812	78.5366	89.55714	91.24191	91.90805	93.19639	97.94351	79.02299	100.0492	84.98418	94.43966	93.00549	106.2416	107.5502	99.18844	93.27554	117.7627	123.2141	97.52903	113.7096	90.15514	102.3686	129.7798		
CUST_2724_PI429010886	N12985	0.021644009	15	3	321468789	hypothetical protein DAPPUDRA	Metabolic process	Oxidation-reduction process	3.37E-85	19.59461	38.66341	35.67153	30.28156	38.35003	42.4997	18.87533	34.18834	27.61985	8.386993	31.3587	20.49572	20.88172	34.57525	21.76426	19.47024	24.84254	27.51162	21.66219	41.82104	25.84326	20.49843	35.17583	19.88098	13.73333	22.8581	15.35298		
CUST_6157_PI429010886	N19701	0.021649722	21	0						9.820162	5.971284	7.684798	7.189279	NA	5.661376	8.947221	3.93428	6.222395	NA	3.651077	NA	NA	3.463495	3.294203	5.059873	NA	4.91481	7.135822	4.772325	8.81061	8.610034	4.755574	10.48927	6.475159	6.452099	8.274559		
CUST_40167_PI429010886	M51268	0.021651569	24	15						67450.12	59443.36	66134.01	42900.93	44722.61	19791.01	63683.37	64273.41	76090.53	67450.12	67450.12	70857.23	69586.63	59443.36	59131.8	102393.8	70445.35	64638.29	88732.25	52165.44	89785	67450.12	54162.9	75512.6	88732.25	54925.27	45502.32		
CUST_7200_PI429010886	N21183	0.021651569	24	15	321473823	hypothetical protein DAPPUDRA			3.6E-117	32.71218	57.10693	28.12273	30.905	20.15147	28.12565	46.86994	47.51827	46.57945	48.66684	19.24962	23.10443	56.8039	38.59753	31.50316	70.70842	58.40669	44.45113	36.54404	32.78488	44.73914	31.56676	34.48395	32.65563	39.49765	46.95061	24.60171		
CUST_44729_PI429010886	M66809	0.0216638	15	3	238683727	ribosomal protein rps21 [Palaem	Protein metabolism	Ribosome biogenesis	1.98E-37	9.954444	11.93224	13.95366	15.44438	19.8984	17.37069	14.39969	13.55744	7.24682	17.80399	10.03041	9.781107	12.59938	8.611312	4.163598	12.96341	13.22914	11.04247	9.724209	14.40443	23.67748	8.628754	12.87704	11.51329	7.894226	13.86535	11.84537		
CUST_46867_PI429010886	M73998	0.0216638	15	6						334.4355	248.1643	245.3228	263.3579	184.1725	199.2769	275.7847	308.7489	425.5802	398.2963	124.0485	365.3294	208.8218	141.898	167.3834	319.218	163.8916	239.9783	341.732	206.0776	199.0318	508.4006	302.8616	384.0543	285.7364	287.8854	182.0409		
CUST_3798_PI429010886	N15293	0.021669237	18	6						129.5849	102.3598	186.3541	291.2685	202.6784	37.63739	234.1352	309.797	660.9643	69.27187	104.1208	54.06732	232.5608	98.97699	71.3181	36.81564	66.09647	55.28196	547.6961	516.0491	535.3308	112.9324	475.7174	514.8454	238.1099	355.9245	594.2073		
CUST_336_PI429010886	N4036	0.021693481	18	9	189242004	PREDICTED: hypothetical protein			1.98E-08	202.5102	223.8638	289.5149	309.4164	423.3824	154.036	736.9876	209.5934	711.5947	389.2749	1318.185	452.6806	884.1094	696.5086	380.6302	93.65434	326.3055	306.0769	219.8411	140.5088	230.8178	577.1013	1064.673	1282.19	196.8426	617.9354	730.5469		
CUST_6612_PI429010886	N20352	0.02170405	18	6						1884.6475	1617.849	1658.682	1137.334	676.

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_23144_PI429010886	N48330	0.021996982	24	21						32.93541	28.24507	32.69018	32.70202	17.6031	20.58643	21.58133	20.31479	25.52802	38.39235	25.53483	44.37502	18.92222	27.07551	41.03792	25.16449	33.4664	35.06409	56.43411	32.51568	35.35794	62.45522	35.15355	33.15745	52.75604	28.3794	37.10697
CUST_5178_PI429010886	N18361	0.02200459	18	15	170030652	M-phase inducer phosphatase 2	Cellular Process	Cell proliferation	2.71E-52	7.673574	18.86536	11.25743	6.657442	10.78353	4.72816	9.426819	9.872817	6.792509	NA		4.108323	3.753317	15.51393	12.25196	20.73851	44.83298	11.74077	12.79947	12.78321	6.504644	17.82488	NA		4.853738	8.239061	NA		9.423248	NA
CUST_37459_PI429010886	N19107	0.02012273	24	3						742.40077	1245.954	1086.78	1008.859	1039.149	1261.275	513.3285	1071.531	786.3486	639.8078	999.5752	669.1662	635.9298	665.873	569.7522	676.3457	1157.025	790.7195	327.4664	1063.435	624.2116	895.4864	820.3087	838.3409	737.2275	881.258	742.4077
CUST_25191_PI429010886	N51946	0.02207936	24	18						5.136576	28.13189	23.48051	48.17616	NA		31.19486	12.12844	44.28707	16.97506	NA		6.210102	7.033822	NA		168.0498	96.12752	88.68681	129.1955	102.6229	132.8996	66.32665	NA		59.11715	29.75114	62.85008	99.35613
CUST_51868_PI429010886	M95463	0.02208834	18	15	242019639	low-density lipoprotein receptor			5.03E-43	63.76387	75.45664	60.94991	60.25264	33.37664	68.89904	83.13651	90.11127	77.13441	71.3852	55.1847	66.38702	70.45711	62.98884	74.94714	151.3747	107.6336	88.51224	78.99466	49.93448	66.63152	54.54964	61.21121	61.16253	83.3741	72.38107	57.46071
CUST_52831_PI429010886	M99151	0.02208834	18	15	149634482	PREDICTED: 40S ribosomal prote	Protein metabolism	Ribosome biogenesis	4.65E-38	9376.495	11667.94	9080.902	7731.941	5826.27	6240.674	12886.71	9743.786	8846.332	9142.021	6304.559	7762.077	8644.801	6744.57	6936.974	11413.74	11455.94	13154.56	11305.05	10641.47	12344.85	7348.003	6688.584	7459.987	10532.72	8378.475	9889.351
CUST_3257_PI429010886	N14121	0.02208834	18	15	399932069	putative peroxidasin, partial [Lat	Response to stress	Response to oxidative stress	8.31E-11	53.87582	35.87313	64.10757	45.45721	29.0511	25.22202	38.00971	38.17426	38.71639	57.54767	24.19322	52.10354	47.21493	55.82058	43.71378	90.05411	34.8722	70.7612	91.90805	35.44968	90.83407	31.22862	27.7842	35.04281	76.08583	41.10799	38.35003
CUST_6811_PI429010886	N20631	0.02208834	18	15						306.9528	250.4996	342.9247	123.018	146.3562	111.7859	229.6548	334.795	386.6278	216.5044	273.5066	239.2973	282.0632	296.2197	201.4162	481.1553	251.0374	422.6098	245.5335	209.9842	400.3546	209.5237	252.7743	228.163	297.9948	157.1577	305.7738
CUST_15282_PI429010886	N34324	0.02208834	18	3						59.09838	52.11743	74.02803	78.45326	70.09576	56.80856	37.20362	56.87317	52.40229	75.92637	67.50363	53.49503	65.19605	44.80668	59.70409	32.20247	55.75291	45.64468	51.33067	66.59115	50.05302	88.86561	76.79923	73.3346	50.65841	53.43823	56.29733
CUST_25529_PI429010886	N52575	0.02208834	18	6						15.56681	13.05918	6.28185	9.237704	18.81173	11.02011	26.78779	18.56115	22.62431	7.064253	11.51199	12.18449	16.08645	7.112539	16.73592	25.9243	9.301907	8.829167	9.388241	13.86535	12.39357	20.60634	12.13039	15.93653	20.84897	22.35262	17.52474
CUST_38002_PI429010886	M22716	0.02209638	21	15	546673984	hypothetical protein D910_0290			5.69E-18	733.9767	5807.4	2605.771	1739.059	1212.98	1912.144	1063.435	3387.12	2304.738	1136.704	2016.054	780.4581	882.793	3156.873	922.5025	4077.152	6385.128	4456.862	2474.336	3899.124	3031.683	1955.527	3205.37	1604.089	2343.924	2767.762	1873.347
CUST_7918_PI429010886	N22272	0.02209638	21	18	321468273	hypothetical protein DAPPUDRA	Metabolic process	Other	2.14E-83	59.797	52.35798	76.8759	37.16734	26.65221	37.35559	40.3971	82.53807	78.84424	56.21355	37.41529	22.60023	38.00971	36.18918	28.27902	25.04742	38.71226	61.03293	66.63152	108.0539	125.4804	104.7593	49.85973	52.78141	85.40071	49.53225	59.30659
CUST_46403_PI429010886	M72550	0.02210394	12	18						47.08587	67.5936	61.74127	95.77149	44.86788	69.59216	133.4287	96.66958	50.77623	133.1266	73.57745	89.33073	95.12721	41.06421	84.84135	116.4561	76.78462	105.7899	69.60581	39.49333	68.92058	88.33336	38.95566	76.45034	139.9464	113.469	78.61195
CUST_37635_PI429010886	M20044	0.02211795	21	0	343183155	myosin heavy chain type B [Mar			1.94E-70	32.70763	62.92312	54.95988	34.07334	54.80156	53.07683	16.69734	50.90051	42.17431	49.58749	33.90697	51.73911	34.17398	44.18092	28.7398	45.17758	59.59948	49.73252	53.82263	47.05747	57.53971	53.46273	67.84273	55.128	30.86168	39.08397	41.02313
CUST_38877_PI429010886	M31478	0.02211136	12	6	321479210	hypothetical protein DAPPUDRA			2.08E-14	NA	NA	NA	29.41761	9.553409	26.36041	425.1755	NA	300.1105	83.15856	53.59606	NA	16.8271	21.73892	5.648752	54.68333	NA	64.58573	567.871	1113.188	2016.054	98.50388	NA		76.98432	310.2309	61.23583	210.3744
CUST_52964_PI429010886	M99612	0.02211429	21	0						NA	13.89931	18.79971	7.125638	13.09363	NA	8.58477	10.45708	9.472484	5.301599	11.12477	7.975034	NA	12.81384	4.326417	6.717766	3.558851	14.65418	32.82226	7.405722	6.493961	NA		18.14187	15.40723	13.89421	NA	8.007057
CUST_1565_PI429010886	N10094	0.02212452	18	9						10.11927	3.811053	3.709101	7.759578	10.28202	6.023456	8.713271	10.2951	3.683644	15.06825	NA		17.24019	13.50964	5.948304	9.01805	NA	NA	NA	NA	5.161139	3.561656	5.298332	4.945737	6.869765	9.311282	4.659382	8.716574
CUST_13117_PI429010886	N30602	0.02213148	12	0			Metabolic process	Carbohydrate metabolic process		73.31512	70.91565	62.62916	90.63409	53.26755	69.60581	49.19138	55.24242	53.64587	53.13079	56.72705	46.83625	64.8708	64.2561	48.18525	56.55991	61.66326	45.1102	45.43624	44.1972	34.22235	58.0985	66.92448	64.40257	47.9205	45.72899	80.20431
CUST_8962_PI429010886	N23859	0.02213202	21	9						34.20961	73.23385	61.71621	38.10649	54.57231	46.00245	47.31561	80.73093	69.33519	66.51335	73.13284	70.72448	60.47355	40.92496	53.52577	50.56209	69.91553	51.5265	30.49004	51.88798	41.33391	48.17305	60.05066	68.77617	53.28017	60.4658	66.51317
CUST_47518_PI429010886	M76424	0.02213512	21	15						15.00826	9.279573	9.934505	26.14707	11.87026	24.20066	26.23786	23.11901	18.14584	16.76354	39.05628	8.368746	14.24675	25.11505	24.89383	50.20269	18.98129	29.22747	24.66557	10.56095	21.9708	9.323328	17.14771	17.36822	23.09768	14.22003	13.88603
CUST_10228_PI429010886	N25907	0.02213987	21	0						12.56491	10.00684	22.16019	12.42007	15.97275	15.86113	4.175395	12.23558	9.130244	NA		14.45929	10.81013	8.697442	13.46381	8.937861	7.905688	12.82717	10.441	6.021532	8.799574	10.1235	15.48991	16.83843	17.84752	16.81757	11.15823	17.2724
CUST_16704_PI429010886	N36724	0.02215143	24	0						137.6019	136.9442	168.2226	126.4468	127.6534	91.47922	115.1501	162.1178	139.1812	99.78003	123.2754	118.6869	164.5654	115.0551	143.0807	111.0779	110.775	105.2026	141.6972	179.5567	125.4319	110.6819	156.5604	147.1038	169.4561	187.8136	186.658
CUST_1825_PI429010886	N10816	0.02215428	18	6						169.3865	165.5673	NA	25.99676	258.3703	209.8119	218.0311	410.1393	153.1975	NA		47.53117	37.50453	NA		102.0887	30.51443	55.43882	25.6287	15.5366	40.66228	424.6765	27.89086	NA		275.3403	NA		473.1245	NA
CUST_50387_PI429010886	M89664	0.02216819	15	6						51.09282	64.57231	57.25175	36.42637	53.51076	40.10315	72.03186	72.77442	91.36194	59.37537	59.30659	50.00334	45.41169	65.46439	48.0027	62.16088	64.2158	65.69029	80.53824	42.5561	61.73575	72.5147	120.3127	97.44091	52.85457	66.32665	70.48984
CUST_1256_PI429010886	N9043	0.02217269	21	0	345492232	PREDICTED: inositol hexakisphos	Metabolic process	Other	9.32E-111	326.2417	452.9256	368.1539	270.2762	382.9427	338.4158	190.1479	293.2244	259.9818	256.0953	350.5162	138.1387	248.9453	314.254	383.7931	231.809	317.0778	320.0483	224.3337	298.5983	316.2435	310.4343	352.0102	395.4956	288.4809	304.3391	344.9779
CUST_9512_PI429010886	N24762	0.02217628	15	12						NA	9.497226	6.473882	9.337932	7.114823	6.187929	10.22784	8.366851	4.991815	NA		10.24506	10.62571	NA		17.58836	11.95684	8.812826	3.929637	8.555797	NA		6.074391	7.326504	7.560056	6.165544	7.623786	13.12379	7.252206	8.696601
CUST_31753_PI429010886	M2312	0.02218187	24	18	260790965	hypothetical protein BRAFLDRAF	Cellular Process	Cell cycle	2.3E-105	109.5302	149.7056	146.6342	95.84452	96.41916	86.12428	125.025	125.5382	145.6946	131.375	103.1963	129.0645	128.645	129.1825	124.5691	125.9947	138.8656	196.4999	133.2506	141.8167	152.4772	110.8779	156.5986	170.5897	158.4947	132.9661	173.1969
CUST_42772_PI429010886	M61209	0.02218187	24	21	242008763	Diacylglycerol kinase zeta, putat	Metabolic process	Lipid metabolic process	1.1E-94	179.7537	165.8977	160.342	174.9928	115.2656	142.4297	101.3475	116.724	125.2132	168.7741	174.4041	113.7563	165.5396	158.8243	155.5805	167.564	130.479	132.2682	156.1362	128.7173	151.421	227.8105	210.8033	176.8339	268.9316	136.6003	227.2807
CUST_47162_PI429010886	M75004	0.02218187	24	18						1380.017	1604.901	1505.065	1328.27	1038.339	1274.133	1816.946	1573.048	1842.758	1661.512	1062.32	1286.33	1554.179	1135.35	1453.877	2654.193	1803.597	2184.345	2684.097	1682.203	1950.295	2285.617	1381.205	2168.846	2529.949	1377.009	2361.017
CUST_52264_PI429010886	M96899	0.02218187	24	6	332026512	Peroxidasin [Acromyrmex echin	Response to stress	Response to oxidative stress	5.32E-37	265.0552	199.3048	36.18627	113.3335	525.6391	344.705	280.6399	212.4024	252.5592	12.94453	146.1694	144.5963	35.17993	113.5495	131.6242	192.0309	77.18489	85.56504	73.37425	138.824	83.40132	24.5682	136.7438	13.16313	55.128	204.6434	9.92008
CUST_52516_PI429010886	M97743	0.02218187	24	21						233.0433	265.3922	294.0637	215.3959	181.9215	207.209	190.9659	225.5545	267.555	280.1334	233.5329	226.8625	232.8383	202.9968	197.6734	219.7679	285.5358	333.3795	261.7871	235.0886	300.1105	355.0179	269.5843	363.2101	209.2118	274.6613	416.5526
CUST_26067_PI429010886	N53599	0.02218187	24	21						196.526	180.2873	152.6181	203.9603	193.5276	141.5813	139.5013	161.3784	41.28574	197.4942	60.68646	190.2229	196.9337	138.6464	100.3016	138.9709	201.8882	189.351	193.3701	142.345	156.7242	205.5639	200.0099	216.4424	220.5798	162.6959	234.1352
CUST_43545_PI429010886	M63318	0.02219246	12	3	260823798	hypothetical protein BRAFLDRAF			9.48E-20	NA	NA	5.401098	12.301	NA		10.89769	11.55231	6.775818	16.21373	5.465099	NA		7.328935	7.317791	NA		6.241144	10.46195	10.0184	9.724209	10.21029	4.401339	7.415808	3.910192	5.755702	3.976337	3.799909	9.974531	4.792985
CUST_46257_PI429010886	M71966	0.02219661	24	3	118766718	beta-tubulin [Oxymonadida envi	Cellular component orga	Cytoskeleton organization	7.72E-20	12.46071	11.74586	8.890942	11.02965	16.26492	14.47877	8.247584	14.35144	6.618689	5.513814	14.91026	12.40327	NA	8.392924	8.66264	7.08478	14.79074	7.876547	6.911194	6.481391	4.358822	5.423247	4.6239	9.039543	8.48334	7.522547	3.102913
CUST_5952_PI429010886	N19419	0.02219886	18	12						66.3578	110.45	84.87009	100.4521	108.2549	52.91761	105.3002	97.79679	100.1289	107.4112	143.1244	100.0635	131.6939	127.048	105.0475	90.68839	147.2992	65.19605	103.1839	88.4409	68.4665	78.3726	88.74175	85.45403	121.6909	102.0776	108.583
CUST_37774_PI429010886	M21508	0.02220952	15	6	170040829	predicted protein [Culex quinqu			2.72E-14	366.556	485.1097	681.5295	849.9671	923.7499	372.8793	1893.112	476.6448	1317.605	1153.859	2489.305	1301.148	2598.143	1594.029	966.9786	2196.966	908.0984	797.1924	527.9796	395.794	548.5685	1424.355	2891.912	3067.239	569.4099	1728.138	1676.387
CUST_51793_PI429010886	M95118	0.02224424	15	9						7.746795	10.60449	13.7861	11.13644	9.449006	10.35947	NA		11.77856	13.57539	NA		11.06316	16.88502	10.94976	8.235338	18.18639	9.518164	6.493961	10.61964	15.63819	5.999572	17.16197	13.70444	11.83032	14.07796	16.03181	14.61224	18.71717
CUST_57185_PI429010886	F22603	0.02226947	21	15	225443760	PREDICTED: 60S ribosomal prote	Protein metabolism	Ribosome biogenesis	1.19E-15	41258.32	46193.24	36043.3	33963.44	27577.78	31659.39	45731.6	40915.77	46193.24	38996.88	26299.14	44285.99	32540.66	34486.72	38861.2	43090.8	52165.44	45257.85	41610.17	43090.8	49329.8	32184.55	40024.21	35738.11	35445.2	37213.84	36802.85
CUST_331_PI429010886	N3958	0.02225741	24	12	117067248	ribosomal protein S26 [Branchio	Protein metabolism	Ribosome biogenesis	2.62E-30	39.05992	19.31397	36.10172	95.22353	38.23559	38.03753	112.073	71.18779	38.42178	79.98506	36.31158	58.77493	116.9965	79.18277	84.17542	65.11364	24.04006	38.14116	28.61053	52.6597	33.63811	58.64981	38.99638	52.01796	29.08472	56.59098	21.57697
CUST_30922_PI429010886	M227	0.02226438	12	3	156550520	PREDICTED: coiled-coil domain-c			1.26E-21	20.5703	42.40452	35.67533	34.74153	41.29379	31.73936	35.28906	45.78026	47.85099	32.31005	25.91869	31.09966	16.23526	34.10624	26.4274	42.02407	61.8234	48.7205	30.88085	50.98858	51.08158	30.377	37.23401	36.16345	22.629	30.48738	33.74242
CUST_24311_PI429010886	N50396	0.02227825	18	3						26.36768	24.24843	31.23655	33.22428	20.88371	34.99565	16.91351	22.45935	20.6563	9.52122	26.0733	17.18362	29.00837	15.52955	19.84259	13.96585	23.12759	22.13988	29.24359	24.81147	25.83296	33.85619	26.03821	24.13218	14.29782	25.24448	31.26158
CUST_15904_PI429010886	N35322	0.02227529	18	15						46.69101	50.80319	53.46841	40.23235	41.77489	52.5945	41.39421	42.35304	44.82232	32.90484	40.78067	44.54779	59.85233	45.12599	64.39747	80.49207	58.33297	76.3265	51.70731	30.68002	55.65083	45.62418	37.05226	46.64371	54.35675	37.44599	60.10219
CUST_17897_PI429010886	N38793	0.02229621	24	12						7.845494	8.140119	7.719425	13.44284	12.6791	14.17656	NA		14.04353	NA		3.876028	16.4504	10.46956	14.88982	14.81846	10.52851	9.62424	13.46545	16.35184	NA		21.94563	10.82416	10.36863	16.59434	11.87323	4.096565	8.314533	9.919144
CUST_42045_PI429010886	M59234	0.02231541	15	0						491.802	114.1769	517.7643	374.3365	120.9342	332.0817	197.0569	431.7294	137.0267	179.5826	250.8083	148.9308	281.3108	385.0272	248.0559	591.3029	510.5943	410.4537	414.0319	708.4537	1003.544	154.0925	141.3865	170.8635	295.3036	283.224	166.5631
CUST_53249_PI429010886	M100989	0.02233021	24	15						260.557	250.8083	268.4876	241.8418	208.8662	250.3956	234.2807	227.4568	257.4304	264.4099	242.0929	306.2147	269.4621	228.29	234.4037	318.6428	302.6664	275.6746	284.9168	224.7103	296.0318	281.3108	261.7871	280.5224	331.5173	258.2061	338.1914
CUST_6723_PI429010886	N20514	0.02233205	24	21	260800867	hypothetical protein BRAFLDRAF			4.96E-33	NA	9.877137	8.071281	3.486245	NA		4.248593	3.716295	NA		7.305081	8.23062	NA		4.8576	4.567683	3.456304	NA	4.344074	3.668689	10.14305	7.044801	6.619984	9.11873	14.1199	8.705867	9.592986	4.822966	11.61456	7.176989
CUST_31585_PI429010886	M1906	0.02234225	18	15						101.7595	104.6237	86.11117	97.78469	59.26363	63.60621	141.2484	107.6816	101.0339	131.9106	68.01088	167.9137	105.7112	75.44765	76.82742	124.685	156.9197	145.3183	96.44195	120.1554	143.902	74.69118	75.79833	104.4886	130.3441	112.3276	139.9317
CUST_32865_PI429010886	M5311	0.02234225	18	15						3660.946	7032.355	3692.065	2877.124	2514.613	2183.114	4378.72	6183.806	4616.026	5697.98	4569.485	1554.179	4622.321	4258.14	4650.166	7240.469	6826.356	6601.274	2915.434	4554.072	2521.203	4270.698	3379.597	3843.133	4663.073	5921.175	6845.752
CUST_40863_PI429010886	M56248	0.02234225	18	15						145.3012	194.6096	162.165	158.7682	104.5461	92.39145	172.8084	174.1094	157.2283	216.9684	146.2889	174.8799	218.4783	144.474	126.6423	181.1092	210.991	203.1325	145.5847	151.922	153.7401	150.1608	148.7726	134.5506	166.8948	165.6234	212.4893
CUST_44942_PI429010886	M67472	0.02234225	18	15	321463589	hypothetical protein DAPPUDRA	Metabolic process	Lipid metabolic process	6.09E-65	53.73825	94.00943	43.89958	67.4639	13.05124	76.44155	144.6203	76.94539	68.72832	81.39312	59.09838	36.88652	70.44138	99.67801	58.27052	209.1419	184.3858	151.1207	118.4747	45.58935	97.50715	71.78136	42.93819	98.54648	95.95298	31.81107
CUST_4664_PI429010886	N17236	0.02234235	18	3						82.98239	30.41718	67.88505	131.1212	67.19251	125.7133	51.47126	40.04635	62.28713	152.3742	31.01077	123.7135	150.9476	71.91459	109.5302	40.47822	17.42676	82.72278	47.77208	57.92452	52.12177	166.2848	105.8009	128.9125	57.94759	47.99749	126.859
CUST_15039_PI429010886	M19602	0.02236964	24	3	220172369	cuticle protein [Rimicaris exocul			3.66E-19	84638.29	1881.259	6993.06	69586.63	91877.59	441.152	7950.355	8736.825	13078.51	505608.8	37427.64	51269.31	66946.06	36195.31	89795	2104.842	1225.977	21398.95	136852.2	18964.14	60621.99	74264.89	53496.25	22526.09	49205.56	61768.02
CUST_677_PI429010886	N6715	0.02236964	24	3	169931080	cuticular protein [Artemia franci	Metabolic process	Carbohydrate metabolic process	1.43E-30	2164.77	93.3967	2398.339	3024.414	4981.65	3210.455	81.35177	233.2281	104.6457	3073.818	3546.981	4829.887	1869.564	2681.884	4031.99	27.87953	54.21756	59.9023	151.7139	470.8749	270.7536	3855.701	1542.881	3792.758	248.0205	807.865	1059.777
CUST_41285_PI429010886	M57345	0.02237120	15	12	47211322	unnamed protein product [Tetra			1.11E-08	6.260574	8.698736	NA	7.652903	9.197706	7.337474	6.287167	8.091775	3.597636	9.483977	11.33295	10.4597	14.96006	7.760758	NA		9.328141	18.28904	9.383476	NA		12.08782	7.286501	7.651711	5.896106	6.631805	7.827649	12.85346	NA
CUST_33498_PI429010886	M7058	0.02237383	15	0						18.99877	20.945	30.10418	17.79422	14.54727	14.74663	11.59662	5.632345	17.34448	20.39286	12.60041	22.248	15.29443	11.51954	15.67395	17.8371	16.49523	20.5422	21.42827	7.21871	18.38125	7.576581	5.89243	15.46972	17.49602	10.15678	28.76849
CUST_26055_PI429010886	N53577	0.02238103	24	15						424.7669	646.5974	617.4977	484.7365	463.7632	520.9865	498.1009	546.2084	724.186	537.9838	278.3094	498.4242	542.1922	460.2218	485.8608	792.4227	717.9895	671.2531	671.0624	605.4928	755.266	691.4224	631.0985	630.9023	775.4008	624.2116	627.6794
CUST_27211_PI429010886	N55639	0.02239135	24	18	238005556	TPA_inf: venus kinase receptor [	Signal transduction	Other	7.97E-08	19.36009	15.97824	29.11467	19.49414	23.59507	27.01424	18.85713	18.00851	19.13355	12.99098	9.052014	17.52199	23.64075	21.92764	28.4048	19.8408	19.65095	18.85511	32.04577	20.25567	22.45692	24.28735	20.64275	19.99659	32.02255	23.21157	37.53998
CUST_45146_PI429010886	M68124	0.02240101	24	15						25.81487	23.83774	25.38779	16.56014	12.04162	18.07496	22.8513	16.69937	22.03386	19.89427	5.613418	28.12879	34.99184	18.95539	24.94781	35.12713	21.91263	29.47872	27.86499	22.19826	23.74587	27.90958	28.18026	21.53519	23.75071	15.929	23.25613
CUST_28279_PI429010886	N57659	0.02240444	21	9						16.85925	17.14735	19.33949	31.99902	26.63581	23.52214	40.634	41.07927	25.44962	42.84582	17.02579	9.533566	30.27186	36.39325	17.92297	122.709	73.35252	68.95176	34.04257	50.10131	82.27528	22.38105	5.128033	28.27902	37.43054	20.36911	45.60889
CUST_38276_PI429010886	M24954	0.02240659	24	9	197940771	Euphausia superba mitochondri	Metabolic process	Generation of precursor metabolites ar	4.37E-135	NA	7.047836	7.254794	9.41028	6.375027	6.614583	8.959857	9.102869	4.875232	11.92197	NA		11.90136	7.895218	5.889572	8.537397	9.801925	NA		4.661967	4.415607	NA	NA	4.298148	5.500719	5.600819	5.828206	
CUST_31837_PI429010886	M2529	0.02240485	18	15	332373001	unknown [Dendroctonus ponde	Protein metabolism	Regulation of translational initiation		55.09974	103.5796	93.60566	53.34499	88.4931	66.34289	63.79933	98.46402	60.92733	62.45522	89.62874	53.52013	63.38213	103.9866	62.16915	127.7313	128.9871	122.6936	74.69118	99.97142	87.53029	50.56675	89.38331	75.76283	62.61027	84.48811	69.47326
CUST_1747_PI429010886	N10592	0.02240931	15	9	321470924	hypothetical protein DAPPUDRA			8.2E-127	14.08558	22.39225	29.49731	10.31498	7.467423	13.09661	15.00294	22.6315	23.38956	23.98146	12.53384	23.09778	25.65359	19.86678	20.48939	20.57275	39.33847	22.58797	18.78127	14.48646	17.34089	27.98737	13.43787	18.92593	25.41498	23.58742	32.86579
CUST_46229_PI429010886	M71867	0.02241028	15	12						78.5278	59.72208	82.09637	48.46283	49.66595	63.6117	72.4473	53.05277	84.24007	129.0975	65.27494	79.44437	129.3679	60.68646	120.9166	98.45312	76.30972	108.5389	48.75822	83.94977	55.38305	93.54583	92.65597	95.10568	140.369	49.12781	115.6407
CUST_33287_PI429010886	M6504	0.02241204	24	21	459937336	putative TRP channel protein [Pa	Transport	Ion transport	3.45E-159	801.0558	1366.714	1013.822	747.5407	804.0438	689.5858	544.5236	915.0007	829.47	731.8145	1144.859	589.8797	957.0763	896.0099	783.1683	974.6663	1238.023	915.7404	928.2282	940.3723	749.0313	1225.977	1135.893	1029.336	1331.886	999.3353	1405.334
CUST_49339_PI429010886	M85248	0.02241204	24	12	321473453	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	2.05E-20	9.436321	11.45478	3.917458	16.05617	25.15875	16.92091	15.98138	14.05555	20.07697	17.60895	22.84192	22.00011	14.57035	23.90042	22.05957	16.36771	23.87227	17.86172	16.85925	18.10243	15.88272	14.05102	25.85237	20.41366	11.7976	15.80202	18.70945

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_49636_PI429010886	M86484	0.02274679	21	15						64.25198	66.63152	65.86788	60.24608	46.59528	56.42712	69.51507	82.06727	58.82275	77.24207	55.46697	65.92976	74.37918	58.16145	63.02678	91.53685	69.61335	90.12112	53.36513	65.19605	71.35943	63.26798	62.41331	75.40109	55.49194	63.14073	66.84176
CUST_5158_PI429010886	N18334	0.02274679	24	18						871.1645	1403.719	1030.655	919.9655	819.7622	786.9042	1414.36	1248.523	1239.555	1353.691	933.0577	982.3643	1257.339	849.2679	937.5478	1406.008	1119.882	1441.945	1504.447	1165.385	1385.605	1074.104	1167.232	1212.98	1156.223	1038.012	1475.969
CUST_40915_PI429010886	M56394	0.02277073	21	0						46.27281	71.18104	126.9698	24.2026	277.3623	190.0902	5.475538	46.1952	8.656479	19.68623	157.847	26.12451	281.8133	134.7613	131.7896	116.4561	364.5679	82.7185	NA	309.2795	NA		21.31454	459.4079	NA		
CUST_32320_PI429010886	M3796	0.02278585	15	9	321479446	hypothetical protein DAPPUDRA	Metabolic process	Other	2.13E-117	170.7528	14.85278	21.99437	10.44258	17.28744	17.18131	12.44774	21.34628	19.16548	30.62324	20.87445	NA		20.73429	13.35744	14.97655	16.62865	14.68427	27.76693	11.64284	13.72176	17.46154	14.61885	17.63971	22.23439	20.53051	17.22544	26.40151
CUST_46888_PI429010886	M74081	0.02281760	24	0						169.2478	179.7937	181.7766	201.258	146.449	134.6492	147.8425	135.209	146.798	159.3169	117.0564	129.4217	135.1465	149.8334	167.1289	161.0268	142.7777	135.864	146.1482	123.3207	163.1533	132.3768	176.549	137.2059	187.3503	154.4269	164.6109	
CUST_39922_PI429010886	M46863	0.02282596	24	6	371591236	Euphausia superba voucher 760	Metabolic process	Generation of precursor metabolites ar		15.01335	17.17582	10.71711	30.08709	12.96002	28.99304	28.68485	44.70872	17.86876	37.40246	19.20294	10.63037	42.3639	25.26653	NA		5.024176	15.97495	10.80862	7.176989	25.66849	8.366851	16.09928	12.57883	8.395174	8.49758	16.1892	10.03307	
CUST_35089_PI429010886	M11545	0.02283535	18	3						53.24793	15.91592	84.75661	92.58214	41.98487	65.25923	22.6466	17.00862	27.5803	99.20976	55.51551	125.8417	60.71091	14.46618	69.05459	15.26314	14.56169	21.34009	20.09102	23.70635	33.32412	166.1819	69.15316	174.2921	27.51459	47.44751	77.62481	
CUST_13532_PI429010886	N31340	0.02284639	21	9						9.077497	5.255483	8.929849	9.629964	NA		4.824247	7.921169	6.319446	NA		18.1529	NA		12.47654	7.682187	11.34206	NA		9.323328	NA		11.16309	4.536845	9.468977	4.800498	11.32723	5.187353	9.952015	8.384592	10.90833	14.05708	
CUST_18227_PI429010886	N39388	0.02284673	12	3	478261422	hypothetical protein YQE_02808	Protein metabolism	Proteolysis	1.31E-22	210.5427	262.04	13.86062	324.4873	64.47775	365.4954	226.5718	201.4635	232.1589	59.06511	69.112	26.47281	174.3193	605.9768	178.619	872.6161	407.2747	317.784	331.9294	39.3738	315.4118	23.76937	346.1837	28.08905	114.0296	118.8271	10.17486	
CUST_2381_PI429010886	N12231	0.02285013	18	15						1410.73	3952.736	616.7748	1388.047	46.01299	910.719	3190.966	2242.146	1692.044	2278.847	755.266	889.8299	1194.342	1226.655	998.2787	589.2313	4767.094	5617	2757.04	827.8854	2292.947	671.0624	1362.378	628.1097	2247.929	1745.528	320.2208	
CUST_10423_PI429010886	N26205	0.02285013	18	15						421.5919	1009.468	196.7413	201.3401	5.051862	165.8549	479.8831	474.4729	210.1175	427.1681	199.8339	131.8067	351.7434	276.1893	314.3155	771.7617	1051.228	589.1435	238.775	65.86088	219.8774	197.2974	279.0664	177.1691	452.6806	373.0445	55.45831	
CUST_1080_PI429010886	N8427	0.02285013	18	3	530774620	hypothetical protein SJAG_1645			5.92E-17	2014.653	897.3252	1148.486	3940.028	3692.065	3319.225	592.215	633.2997	530.9393	3692.065	3509.087	1562.544	2509.266	2126.752	3825.101	497.2634	635.9298	451.8198	610.1834	865.141	771.0455	4118.017	2985.873	4064.827	602.1887	1333.239	1360.186	
CUST_38189_PI429010886	M24012	0.02286548	24	12	256861069	thrombospondin [Fenneropenae	Metabolic process	Carbohydrate metabolic process	4.05E-15	88.83368	254.533	230.5374	742.4077	326.3053	605.287	524.0943	1126.574	1637.38	101.6904	2422.76	188.0176	469.0501	1080.903	311.9509	305.049	616.4216	361.1116	166.838	246.4546	249.0225	119.0449	369.4962	335.7533	52.7448	194.7103	160.4433	
CUST_48450_PI429010886	M80389	0.02287236	15	6						5.573122	4.19775	17.80604	7.38545	75.13872	8.218417	18.53166	NA	8.620448	10.78353	4.579752	4.533136	6.134071	5.643945	5.603167	9.74743	4.53118	6.15141	7.724407	10.8257	6.562196	11.98172	10.26259	8.297607	9.537706	8.233633	7.066092	
CUST_37340_PI429010886	M18705	0.02287509	24	15	375151697	Portunus trituberculatus heat sh	Protein metabolism	Protein folding	7.23E-170	308.8707	879.8906	601.3269	316.5959	288.8335	242.5407	643.8008	586.0404	701.0526	587.0902	367.7282	449.4542	478.7694	434.0618	337.5799	528.1103	928.2282	814.9423	493.0213	473.3422	611.1595	364.6437	439.635	455.6054	456.4069	377.8683	567.871	
CUST_46463_PI429010886	M72726	0.02287685	15	12	443699250	hypothetical protein CAPTEDRA	Metabolic process	Other	1.29E-40	33.72798	28.34528	33.08424	21.84297	27.46909	28.23103	10.59882	18.21662	23.85867	23.12759	19.16061	37.64058	32.78884	26.85513	47.04453	32.85935	34.27669	32.86278	26.72167	23.69096	26.22059	30.70425	18.04324	42.10969	29.90427	26.51854	41.05749	
CUST_43376_PI429010886	M62879	0.02287975	18	3	242005246	RING finger protein, putative [Pe			3.9E-60	9.494876	11.48186	5.751246	8.908017	10.25099	8.406657	7.622871	6.39951	7.909773	12.92976	NA		6.152029	4.698974	3.270838	NA		7.324518	4.421238	7.023603	NA		5.425939	4.223073	14.57595	NA		9.575352	10.33158	6.005137	NA	
CUST_9157_PI429010886	N24151	0.02288894	24	0						10.97924	19.11956	25.97533	7.520996	NA		9.907467	5.976227	11.66134	10.35947	NA	9.252611	12.46346	13.66341	10.48767	9.465451	17.59422	20.41366	12.89468	8.66264	8.596616	14.11853	17.28062	17.98498	14.21806	24.95132	49.92591	20.28215	
CUST_18279_PI429010886	N39486	0.02289935	18	12						11.52944	5.687449	7.177997	4.878987	NA		9.154669	9.842297	5.483339	5.488667	15.15512	4.767082	15.33609	32.44307	NA	12.81892	7.108841	12.3568	12.23026	6.73927	6.409672	NA	6.33655	NA		5.646869	NA	NA	NA	
CUST_25689_PI429010886	N52888	0.02292198	21	3						6.52171	NA	6.664444	11.20179	6.870771	NA	8.858158	7.61802	6.607812	7.267337	NA		8.610034	7.331157	8.220699	8.403309	4.433037	4.410151	10.96784	3.476609	4.991113	3.623155	6.364152	NA	4.297953	14.28701	9.15859	6.92099	
CUST_43459_PI429010886	M63113	0.02292755	21	15						20.87837	34.81754	15.74083	23.2737	15.7085	27.40129	34.81754	41.72651	27.09196	27.17222	16.73592	14.86691	28.36418	23.40815	25.22202	49.73252	38.11089	46.56473	22.35906	19.0017	34.15266	12.42262	23.17242	16.53525	23.71956	14.47659	15.03718	
CUST_37065_PI429010886	M17758	0.02293132	24	15						39.4828	134.4304	26.50558	85.58451	NA	70.0011	102.9823	69.15316	42.6374	137.4424	70.5683	26.58017	104.258	212.5212	74.75403	191.823	343.5695	170.9936	133.7779	3.97653	84.64677	55.97133	81.72083	43.62652	75.40109	79.99403	8.374367	
CUST_44669_PI429010886	M66621	0.02293325	24	0						11475.48	17729.56	14858.64	13135.1	10626.1	10999.91	13812.43	13716.26	13935.1	11246.8	12991.27	3295.67	10966.45	10352.54	10699.09	15197.96	17524.49	14670.24	15258.82	14218.13	13616.29	13248.98	12648.44	12743.08	16954.37	17692.35	15767.9	
CUST_31941_PI429010886	M2781	0.02294767	24	3	242018020	chitin binding peritrophin-A, put	Metabolic process	Carbohydrate metabolic process	6.12E-64	299.9228	303.4454	299.4747	340.8616	1395.332	1288.168	137.0969	335.8125	134.9328	202.8062	942.2704	580.4723	127.3889	524.6943	484.1868	114.2871	437.0635	280.0406	59.62625	323.446	64.28341	148.0265	208.8218	159.3669	114.3003	487.7778	111.6045	
CUST_42446_PI429010886	M60306	0.02294767	24	3						53.09289	13.00649	43.45515	41.66058	28.49433	64.62434	18.99331	13.25797	21.10356	32.92749	24.90125	34.47718	28.13497	25.13144	44.24302	26.01383	20.2155	20.62453	10.46773	9.174534	17.18131	23.35468	14.48202	25.51773	15.67014	25.95165	20.25957	
CUST_5857_PI429010886	N19301	0.02294767	24	18	269784945	p63-like transcription factor [Sac	Cellular Process	Cell death	4.59E-35	173.0186	329.8991	261.8722	183.5082	189.5124	198.4987	224.2885	286.3491	301.3784	214.1578	187.9849	223.2399	214.7712	215.7897	218.8639	274.0938	363.084	305.5795	301.3784	320.552	388.566	178.3394	259.0732	247.3301	276.0279	254.618	266.4734	
CUST_23841_PI429010886	N49569	0.02294767	24	18						83.13651	96.47869	97.99445	74.4544	61.17453	55.73395	125.6606	89.00153	120.9342	113.7707	44.88116	82.31732	106.3076	62.83512	76.28125	115.0551	89.4662	130.415	131.5529	89.2783	137.6019	96.86942	109.6621	126.0081	93.40586	82.30731	172.2883	
CUST_834_PI429010886	N7464	0.02294767	24	3						111.793	19.4293	97.3763	109.4738	96.9591	144.2441	30.95789	20.96759	30.18325	60.34528	97.01999	108.9605	60.53447	88.38967	120.6137	19.41654	19.10315	15.12219	18.62127	20.02415	12.91982	97.1413	45.67933	82.1985	12.25196	31.08176	27.65463	
CUST_412_PI429010886	N5063	0.02296845	24	3						777.9259	78.97649	654.9488	682.9458	962.3475	944.8425	62.16915	94.59748	43.13936	201.1205	443.8257	517.0399	164.6878	681.5295	610.0117	97.33698	39.82654	45.19064	46.97626	105.2026	27.99322	183.166	73.49385	164.9616	42.06849	245.1933	42.53768	
CUST_1450_PI429010886	N9677	0.02296845	24	18						54.04744	68.0002	53.76136	65.56898	48.02557	60.43767	76.70125	91.53685	68.53151	85.64416	74.60421	54.29543	69.77877	60.27838	57.63413	94.00943	97.28384	96.12752	117.3106	62.01214	96.53451	90.82582	75.68836	102.3598	68.63358	75.55461	101.0257	
CUST_44964_PI429010886	M67547	0.02301412	24	18	321464389	hypothetical protein DAPPUDRA			1.77E-08	33.2866	22.18214	39.03986	24.85437	17.43685	28.12879	10.93377	21.20837	28.62655	23.19392	18.77059	12.39501	27.5259	14.86234	24.7753	22.34874	12.07145	24.45381	34.68718	30.88603	51.29155	37.89734	17.14363	40.73959	38.56693	31.43117	20.78849	
CUST_48122_PI429010886	M78981	0.02303025	24	0						5.596537	8.3196	10.13586	8.243095	7.922279	6.782652	NA		6.732296	6.725437	11.57746	4.878495	7.180584	4.62599	NA	5.401743	10.23574	3.950976	4.374183	NA		6.156935	4.948724	6.943759	6.043075	6.952262	16.17475	5.913954	11.859	
CUST_44654_PI429010886	M66582	0.02305058	21	15	71726281	Euphausia eximia voucher KCeu			9.42E-67	167901	172878.9	172120.5	161853.1	134002.5	176012.9	172120.5	170986	172878.9	163569.2	164815.8	172878.9	113585.8	191967.5	176965	184129.5	175227.8	184129.5	169275.7	184129.5	173863.6	169275.7	120347.3	172878.9	163569.2	134002.5	169275.7	
CUST_6158_PI429010886	N19703	0.02306263	18	0	242010409	conserved hypothetical protein			2.75E-34	536.9014	611.6853	564.6439	433.8311	511.2321	486.2941	473.3422	578.6613	505.8465	426.3157	465.6755	514.7289	505.0907	433.8311	554.3874	519.2716	570.427	604.0998	511.8036	588.5037	632.3124	454.8526	583.0039	563.9832	483.3359	477.8297	588.6767	
CUST_33474_PI429010886	M6977	0.02308236	21	18						11.68067	15.96647	10.15886	8.701063	6.097172	12.38585	13.81116	14.39043	9.733163	19.66736	6.318579	5.046494	11.96239	13.7144	NA	7.069413	18.61738	8.82118	27.26144	17.51329	23.43251	18.39809	NA	7.266398	8.413648	13.9395	5.190888	
CUST_33933_PI429010886	M68285	0.02309873	24	0	2499379	ReCname: Full=Compound eye	Signal transduction	Other	1.83E-126	4611.252	5027.691	580903	30965.56	38719.75	32639.19	30065.36	50283.97	44913.68	34173.92	41610.17	30065.36	40595.56	38540.48	38060.46	45502.32	56377.06	40757.76	38719.75	44913.68	26987.8	45502.32	41610.17	44913.68	51269.31	58090.3	39540.76	
CUST_1353_PI429010886	N9387	0.02310902	18	15	160552257	putative 60S ribosomal protein I	Protein metabolism	Ribosome biogenesis	4.39E-47	34486.72	38861.2	32639.19	25555.67	25611.3	23435.22	37632.98	35607.66	34486.72	33304.41	26403.54	25792.96	31659.39	26678.14	28120.27	40595.56	37213.84	39875.67	31967.8	32540.66	38540.49	29520.35	32064.51	31289.71	33076.81	33076.81	35862.04	
CUST_206_PI429010886	N2485	0.02310622	18	15				Metabolic process		1297.493	2041.036	1790.499	1117.567	597.4035	394.9633	1130.969	732.0587	1307.316	1340.037	392.5562	852.8973	1471.771	560.8143	1003.255	1833.616	2747.205	2457.62	1666.041	1182.042	1393.298	1556.87	543.6971	1068.824	1992.843	642.1289	1696.829	
CUST_36497_PI429010886	M16069	0.02311476	24	21	330796047	hypothetical protein DICPUDRA	Protein metabolism	Proteolysis	0.00000026	66.59115	80.38647	56.06983	95.86932	57.09472	57.34418	68.37633	75.96972	33.13557	49.06379	33.11195	66.82276	46.13557	66.92448	49.93169	68.51645	49.16277	88.4798	62.07591	72.42124	49.49937	111.1388	67.77134	85.69239	68.81679	77.87097	49.88072	
CUST_13538_PI429010886	N31354	0.02311476	24	21						173.2168	102.1812	91.76448	94.93084	74.52512	78.03831	83.79749	69.70354	88.42474	83.41575	65.66275	110.0556	97.41787	95.04674	73.46998	101.4958	76.16835	110.1161	90.3848	83.21526	118.9614	100.7083	109.8412	123.3372	113.7707	80.11297	117.6965	
CUST_35343_PI429010886	M12325	0.02311525	12	3						11.07918	20.95911	19.03842	22.36702	20.60634	16.82913	10.11056	18.09857	17.14498	12.12405	18.39609	12.80557	13.60934	19.73488	18.89336	21.12176	33.6699	21.82795	21.57217	16.37112	11.68791	6.478825	11.25743	19.53383	12.3024	24.21438	12.12132	
CUST_31622_PI429010886	M1986	0.02311525	12	9						463.4514	121.56	578.6613	726.7698	520.6055	453.6305	55.56014	227.9494	203.057	580.4723	614.3598	658.5111	757.1366	608.1132	1097.521	36.63747	43.12031	32.87709	170.4812	239.051	153.3624	1015.827	790.4703	863.8645	288.9345	356.1688	672.9412	
CUST_7560_PI429010886	N21733	0.02311525	12	9						1829.191	490.5865	1987.037	2179.188	1094.513	2043.437	474.3448	769.8174	668.7382	2785.011	2975.418	2708.146	2696.535	1334.416	2174.954	393.0106	519.2716	541.8648	598.5974	919.3983	437.8715	2329.582	2088.583	2273.452	397.0876	1462.033	1452.249	
CUST_27578_PI429010886	N56309	0.02312383	21	18						NA	27.55711	13.19589	10.86595	13.11625	13.0685	8.903229	15.47439	10.32637	12.54629	7.183028	6.202056	9.953391	16.85534	12.41811	9.592986	19.72255	14.83785	18.45917	18.54288	14.69477	6.813903	14.5445	14.86987	12.37092	16.5029	19.10119	
CUST_54262_PI429010886	M105321	0.02312818	24	3						50.63563	10.38791	38.34449	48.08352	81.36078	61.58528	10.63933	74.57856	19.47348	NA	45.7369	18.12289	17.47661	24.92085	23.33593	24.51492	5.102347	4.346853	8.040102	32.74766	16.30277	33.82382	12.10084	19.11039	4.123431	NA	NA	
CUST_29054_PI429010886	N59115	0.02313431	18	3						29.37844	21.23798	19.81148	25.6877	19.77825	29.21241	32.12359	21.23607	25.65359	20.94045	31.29616	20.92153	20.21086	21.13144	21.62227	16.35184	20.452	11.97918	31.2986	14.97655	22.21596	36.87514	30.5648	24.76487	38.46934	22.95294	20.33393	
CUST_24819_PI429010886	N51297	0.02315792	24	3						4.692094	4.552592	15.36528	23.41694	24.68878	30.46011	5.941028	NA	7.963679	10.58533	23.10033	26.0838	9.826732	5.867408	35.99005	NA	7.056582	NA	4.352913	10.13279	3.649808	18.1656	11.58843	15.57705	NA	15.8505	10.25831	
CUST_5639_PI429010886	N18979	0.02317036	24	0						232.0442	568.8248	727.7655	248.9012	309.878	271.1875	232.0765	221.5001	370.4445	169.5621	254.8611	195.4372	163.9175	253.2436	202.2179	247.8796	190.9332	286.3491	331.9974	231.9279	258.3202	246.4965	143.8649	302.9304	273.6644	260.8728	335.8993	
CUST_4700_PI429010886	N17301	0.02319226	21	0						45.2017	43.09131	47.40679	35.38316	30.22988	40.98681	45.44328	33.84542	30.3832	39.88097	38.16041	38.95176	42.22249	30.22406	33.83846	56.31897	28.50902	42.48109	43.5104	34.9059	27.34326	66.48433	48.16684	57.72502	40.16939	24.92561	41.01272	
CUST_36874_PI429010886	M17107	0.02321219	24	15						4234.05	3712.526	3895.544	3120.055	1893.112	2637.871	4086.34	2842.045	3598.269	3899.124	2026.561	4090.127	3561.33	2532.427	3197.119	6710.162	4275.766	6448.141	4834.858	3415.242	3747.441	4499.92	3636.712	4700.854	4819.372	2261.337	5533.093	
CUST_50686_PI429010886	M90647	0.02321219	24	15						22.43916	32.69608	17.47131	24.84769	12.84776	10.95746	28.67152	24.60432	10.69017	51.28488	27.33338	40.02352	47.05747	21.48685	29.84142	17.23075	43.04426	16.64847	27.76693	35.08314	23.51992	25.30391	31.61624	7.889571	43.53859	44.5991	22.9472	29.4935	
CUST_29884_PI429010886	N27058	0.02321219	24	15						55.85996	47.45891	55.80638	78.29555	36.09076	40.03196	54.7414	48.53526	48.43357	73.98792	42.82494	70.63954	82.28749	58.78776	58.62146	96.52246	57.47147	70.56233	87.61547	72.52808	57.21597	54.4664	75.0995	75.16929	49.27254	68.5694	61.0126	49.0091	67.39104	
CUST_29808_PI429010886	N60599	0.02321219	24	15						17.74699	54.98542	43.32608	34.03486	24.53204	24.368	79.06068	88.06844	85.10841	105.034	66.97909	49.21384	79.01425	38.28366	62.09609	71.54776	111.5466	169.515	63.79933	58.45199	59.03042	86.56139	37.66415	71.31082	79.92025	59.58718	68.8017	
CUST_55936_PI429010886	M112206	0.02323763	12	0						33.31109	8.061769	16.27096	22.13507	25.38297	20.81138	NA		7.05762	NA	20.76264	13.21441	21.98717	27.05424	30.64441	26.57459	8.71404	7.988043	NA		6.960251	9.637744	6.457842	12.66652	10.03604	21.45593	8.83019	11.83167	26.51323	
CUST_15918_PI429010886	N35351	0.02323606	15	0	291235396	PREDICTED: hypothetical protein			2.28E-11	23.51188	21.53519	20.40806	19.09908	20.66314	18.7867	7.065157	16.72346	11.21773	20.17341	6.935134	25.57409	25.00404	14.0177	21.75932	22.3189	28.44753	24.76741	22.66351	17.85411	27.61709	17.44104	19.49861	12.58849	28.01303	13.93814	25.63724	
CUST_53476_PI429010886	M101877	0.02326293	24	6						595.2796	429.3727	628.2632	354.4054	350.1584	378.1731	1007.681	1080.903	886.9505	636.1587	441.7626	412.3443	182.1611	423.7011	443.9249	430.0583	1339.398	278.8215	399.4473	422.3982	268.7276	373.5014	333.6191	341.965	321.9997	503.1242	405.7918	
CUST_35770_PI429010886	M13463	0.02326293	24	3						584.7373	466.2067	639.2868	601.1087	1058.187	1065.144	462.6929	508.6367	481.7121	445.0179	716.9976	840.0505	374.1555	660.1893	826.9656	432.2687	469.6287	510.3128	359.6695	579.6417	447.0887	470.5066	313.1767	465.5812	449.9406	583.9375	519.9072	
CUST_38249_PI429010886	M24637	0.02326293	24	18						74.75403	152.0064	127.8235	72.71537	62.92312	86.02033	83.68571	141.6357	128.4025	111.8855	118.1364	34.46463	111.0926	107.9954	115.3868	115.7411	116.3471	99.85694	131.375	136.4424	135.8001	93.97841	121.0252	120.7259	117.1717	98.89641	114.3193	
CUST_43447_PI429010886	M63089	0.02326293	24	6						505.0907	328.4033	557.6299	323.3549	534.593	326.5385	617.9354	613.1951	566.888	679.9519	524.517	371.7268	388.4776	454.9515	316.2911	428.0529	806.9344	449.2725	442.1242	421.0625	234.3588	414.9089	305.9701	266.7409	509.2951	385.4238	397.867	
CUST_44438_PI429010886	M65988	0.02326293	24	21	156539569	PREDICTED: SET and MYND dom			5.08E-09	58.67768	118.2645	90.40607	89.57931	89.05929	83.11893	35.91688	79.23954	58.64151	87.41282	150.6011	65.25923	135.7874	27.77493	119.971	49.28723	137.0045	54.11401	67.11217	83.80666	45.20551	189.6492	144.8971	159.4657	104.0048	129.7338	147.7301	
CUST_52096_PI429010886	M96400	0.02326293	24	21						156.768	177.1027	217.1534	187.1971	209.9842	207.0168	168.0227	198.4091	255.0275	182.3239	240.1963	249.8271	166.3995	267.555	245.9747	259.5745	207.4823	217.5404	276.4387	228.6197	328.4033	322.315	319.3342	281.628	247.3301	299.3538	231.626	
CUST_12359_PI429010886	N29345	0.02326293	24	3						43.92787	27.98737	44.31359	81.95267	63.89423	78.77099	27.16394	37.9085	23.12326	80.74224	68.81679	38.14824	63.5234	33.80478	52.08619	26.22317	32.6846	30.48738	23.70635	32.87709	17.5997	61.49909	32.7202	60.47985	51.46015	53.85584	23.01193	
CUST_24092_PI429010886	N50011	0.02326293	24	21						91.27426	122.2838	117.4524	106.1445	77.29301	108.9271	97.04656	108.623	66.22878	131.274	105.0475	110.3077	110.5806	106.1914	133.7339	167.4488	94.55136	146.2442	130.7209	100.6045	131.3179	142.1426	125.2902	134.0586	186.9009	129.29	133.0536	
CUST_26699_PI429010886	N54725	0.02326293	24	3						22.98107	47.19052	29.14856	46.45729	47.37075	52.77429	42.49657	44.45593	22.66786	42.56107	50.19242	37.47838	33.95508	33.64664	38.9642	39.90993	36.58087	32.32188	34.09348	27.05785	25.5566	35.80198	43.44035	34.50993	21.73892	39.18663	9.122345	
CUST_30387_PI429010886	N61770	0.02326293	24	18						290.029	327.8924	337.7577	326.2417	253.2927	287.3401	339.6934	347.2002	375.4894	367.4169	298.439	190.8547	383.9729	246.7327	337.0445	469.9074	363.2101	425.7716	379.7764	370.3281	512.6794	417.1463	334.2355	434.9251	495.5669	323.2809	520.8578	
CUST_30449_PI429010886	N61920	0.02326293	24	21						458.5926	367.9854	394.269	370.2353	255.1321	292.6648	319.2736	244.0026	331.7854	483.2043	369.4099	400.2135	458.022	302.8616	427.6634	452.9256	413.2862	476.6448	437.6531	377.3326	478.2442	557.162	337.46	541.8648	519.6084	326.2417	611.1595	
CUST_1395_PI429010886	N9593	0.02326293	24	18	425906080	mitochondrial cytochrome c oxid	Metabolic process

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_3734_PI429010886	N15157	0.02380634	24	21						542.0349	1020.798	691.4224	1003.961	701.0526	802.1705	755.4761	374.0444	486.7832	917.9436	489.8482	283.8964	1067.709	511.369	935.0962	1466.746	777.3446	806.2686	651.0737	595.6417	804.9022	1411.448	1136.704	995.9721	977.1077	721.4643	1110.746
CUST_57321_PI429010886	E5781	0.02380743	24	15	328796230	mitochondrial ATP synthase eps	Metabolic process	Generation of precursor metabolites ar	5.27E-08	3360.114	4772.224	2968.824	2920.075	2654.193	2543.39	4190.519	4168.103	3478.142	3208.57	2396.659	2592.232	2937.545	2599.331	2545.232	5222.203	5227.74	5979.853	3735.581	3944.006	3686.257	2449.312	3683.886	3079.233	3825.101	3463.912	3041.467
CUST_38001_PI429010886	M22712	0.02380744	24	15	405960659	hypothetical protein CGI_10004			7.73E-12	79.02299	115.0193	80.22358	93.22902	77.09727	86.70327	108.663	94.96672	111.7147	118.4103	75.1848	80.19562	90.63409	71.81502	78.59166	112.4089	146.5049	136.0208	104.4233	127.5994	101.3081	94.06019	126.6578	115.3698	87.77262	87.70118	
CUST_42816_PI429010886	M61336	0.02380743	24	15	380025636	PREDICTED: cytoskeleton-associ			3.43E-27	25.32605	32.38272	24.03468	23.55114	20.7462	27.10146	30.01066	25.7207	43.63223	21.1933	27.01915	39.18322	43.15164	27.04586	39.85168	52.2471	30.98378	47.57931	33.53007	38.10649	33.24054	25.77691	34.25309	26.30647	40.78067	26.95753	42.55235	
CUST_8346_PI429010886	N22910	0.02380743	24	15						363.9263	585.434	383.132	455.6054	354.8596	380.915	494.606	439.7541	537.4657	448.8304	365.0376	379.6985	499.2313	374.1555	384.5219	704.142	583.9375	679.224	538.4885	459.4079	546.2084	488.0472	443.9249	489.1563	529.2519	409.5077	562.2603	
CUST_26413_PI429010886	N54204	0.02380743	24	21						189.351	216.7613	256.0394	189.8339	190.2672	201.4635	190.7935	194.4561	259.7699	217.5404	167.0102	179.6766	201.3401	199.3048	187.1657	286.1798	223.8255	225.6648	301.6948	193.7362	225.1699	346.5231	218.2926	247.0114	321.2836	205.6244	255.5294	
CUST_35053_PI429010886	M11439	0.02382150	15	12						44.88978	38.35003	61.81014	35.75247	37.78857	46.06104	49.94405	80.53824	43.07453	32.04577	54.11854	90.7227	81.83792	48.03485	81.44134	43.66648	72.65503	54.69951	29.63277	39.76763	51.93257	38.70471	40.78485	46.16308	61.16253	31.8633	62.04596	
CUST_13074_PI429010886	N30531	0.02382514	21	9						36.41114	46.63196	43.85961	44.75431	80.83391	75.15569	45.13269	40.85968	46.34771	54.0024	54.344	62.26618	72.15056	43.26054	74.66025	56.74562	51.60135	49.87102	43.40869	37.72215	44.07411	32.84255	43.05092	45.86771	59.94713	60.24608	50.00334	
CUST_46988_PI429010886	M74414	0.02383392	12	0	291242401	PREDICTED: sodium- and chlorid	Transport	Neurotransmitter transport	1.47E-40	123.9222	106.8262	153.8104	123.8699	88.95701	95.32122	79.10279	99.00226	94.99849	120.6508	100.5529	118.2766	112.963	90.15514	117.8894	108.3596	105.442	106.0765	111.371	91.20065	97.10574	157.4954	102.3977	137.7031	144.5431	119.971	162.5822	
CUST_5688_PI429010886	N19049	0.02383939	12	3						7.80769	9.807589	7.432488	17.43861	11.68791	4.52911	NA	13.82768	14.1486	7.673574	NA	NA	3.970513	8.542087	7.08478	NA	16.74549	11.48486	10.94716	8.499991	6.792509	6.2741	3.174894	7.08478	9.478849	8.351717	10.12825	
CUST_2939_PI429010886	N13433	0.02385079	24	15	321469343	hypothetical protein DAPPUDRA	Transport	Intracellular transport	1.06E-37	15.30251	10.93144	6.771066	8.733179	12.89908	8.542087	23.63826	7.300631	11.1284	20.88371	19.2072	27.75587	27.54533	12.93095	17.00672	34.81754	24.37029	16.09928	28.12879	6.862158	18.43914	34.17027	10.1905	19.65095	14.47477	3.873863	16.50625	
CUST_53488_PI429010886	M101932	0.02386798	18	3						321.4975	395.0243	436.7155	557.3127	337.294	430.6456	344.4852	488.8743	311.1974	344.8027	339.636	272.5621	342.3203	320.0483	221.0635	256.6606	263.3104	218.6641	249.4346	466.4341	338.7418	479.9831	343.7299	339.6934	225.5195	603.191	318.037	
CUST_8018_PI429010886	N22426	0.02389334	21	18						39.70565	69.42506	73.94525	54.19934	56.2194	53.59606	60.58781	58.68809	55.43882	53.89331	69.51507	55.9876	49.17415	54.68833	50.55672	53.4446	71.21793	78.83688	61.04906	81.47133	72.88356	74.17237	72.36145	76.59026	59.62083	64.36702	53.8169	
CUST_39780_PI429010886	M44580	0.02390287	24	15						189.1039	117.7279	24.07412	184.7058	NA	108.2246	212.4427	345.1067	278.6422	251.0374	85.07992	77.6465	164.8928	193.1768	40.29806	570.427	392.8052	507.6273	227.9934	214.4735	200.1541	145.6782	111.5954	92.67361	171.8869	68.44391	86.76212	
CUST_27794_PI429010886	N56706	0.02390852	12	3						6.488336	6.865089	9.104193	15.86113	NA	7.57444	NA	12.57186	7.018124	NA	4.647584	6.311977	7.46045	12.52949	NA	18.35487	13.27761	15.79093	10.5374	3.992958	6.170099	5.215629	15.32543	5.668943	3.732053	11.3488	NA	
CUST_3417_PI429010886	N14459	0.02392160	12	3						86.16832	61.04906	69.04786	94.64399	326.4698	234.9525	86.80106	94.21867	60.92036	28.86297	62.43131	45.56407	80.93024	115.4766	127.7621	93.38599	60.77123	65.61458	60.13944	207.0521	72.29255	47.40679	75.58044	43.22401	99.23862	133.7558	64.9627	
CUST_38220_PI429010886	M24292	0.02394663	21	12						128.645	3379.597	2329.582	1223.105	2348.232	204.6859	715.6987	2648.467	1106.369	1674.551	2681.804	3364.257	2809.488	2086.93	3261.337	1385.605	3024.414	2692.671	2314.026	3528.773	2356.919	2332.204	1208.723	2192.968	1599.332	1168.934	1322.312	
CUST_41202_PI429010886	M57119	0.02394712	12	0						4.822457	9.937052	10.25099	5.290133	25.03508	10.12124	8.231507	7.536259	9.585902	7.380592	7.720346	3.881825	12.14425	10.12695	7.756367	8.313238	8.433282	4.270874	6.825911	6.649922	4.813087	5.718914	5.225396	7.015162	10.10871	9.868311	15.02383	
CUST_5975_PI429010886	N19452	0.02394859	21	15						470.5066	555.3803	504.902	407.5835	525.2596	463.006	658.1324	521.7908	523.0011	535.4815	440.5339	498.9218	463.8737	428.1289	576.6349	506.8228	688.4549	714.0141	533.1871	523.1285	604.3308	490.8866	509.5667	541.2118	412.0092	472.9954	471.4786	
CUST_20118_PI429010886	N42842	0.02394859	21	3						22.68453	30.29264	24.39028	39.51395	24.55379	31.6335	26.92179	22.142	22.45014	39.27561	6.543176	24.16363	32.66605	11.55435	25.96348	21.5284	20.59574	20.04011	25.34024	13.98648	26.40151	29.20612	25.18751	21.62442	25.21673	29.77656	38.20339	
CUST_47789_PI429010886	M77626	0.02396131	15	18						3.681394	NA	3.601096	7.553305	13.39103	13.62144	5.479271	8.553032	7.536259	6.316445	9.025697	NA	8.838822	7.505551	8.850254	5.989665	NA	4.276867	NA	6.010955	6.072592	19.43327	9.12812	11.16309	13.43787	3.343872	9.330978	
CUST_44256_PI429010886	M65418	0.02397652	24	6	505829915	PREDICTED: phosphatidylethanc			4.66E-10	28.92859	21.17745	23.64329	16.28426	39.99568	34.74862	60.88384	37.61238	32.75387	28.1721	41.41654	45.16295	22.4839	27.46007	36.24723	34.73799	22.91325	17.9949	22.49316	21.7225	25.84066	26.49338	20.9985	28.22804	28.14643	18.42453	19.94017	
CUST_12814_PI429010886	N30092	0.02397652	24	18						23.13661	18.81696	27.75069	21.43294	22.63685	10.27659	27.25852	17.5521	20.86861	8.814223	10.15886	24.52594	16.65336	20.28215	15.52603	21.41005	19.64801	20.24751	23.38956	31.33292	28.83489	16.25246	32.91165	27.39752	25.06319	16.23247	45.07182	
CUST_29923_PI429010886	N60825	0.02398047	12	9						2958.733	3.817447	2496.293	2950.533	6.662217	1542.881	3.942128	4.004138	NA	4238.105	3000.392	3159.077	2801.6	9.196346	1775.368	6.069444	NA	8.433282	9.227637	13.87743	16.01328	3688.899	510.7551	3237.866	26.45629	195.4747	324.4202	
CUST_7244_PI429010886	N21252	0.02399293	24	18	242009781	conserved hypothetical protein			1.62E-69	117.2793	214.8358	194.1916	161.0739	157.7362	127.0022	162.7381	191.1727	161.7147	160.389	173.0186	153.9962	138.8888	179.2719	142.6733	151.6547	187.1331	232.4494	206.4541	217.1239	222.0168	161.9628	197.1967	197.1967	166.3995	159.3169	203.4662	
CUST_9517_PI429010886	N24770	0.02400406	18	6						11.9269	53.74306	56.62456	21.87534	19.65914	32.26704	26.53512	70.68343	67.60668	38.04561	19.31126	46.60711	13.72176	17.62376	5.758096	8.491715	14.86234	11.6476	8.069641	47.10201	39.70866	36.83655	27.15652	27.52155	47.68118	16.63046	41.51635	
CUST_36120_PI429010886	M14696	0.02400685	12	0						27.20363	27.01915	37.31263	40.61754	27.66084	22.42126	20.02764	12.50022	25.01801	38.70471	20.98727	14.5199	36.71092	21.55398	32.66215	28.46788	33.76496	27.03026	20.05681	20.42799	32.4397	21.08718	18.63053	24.1562	34.70595	27.80262	50.49566	
CUST_31478_PI429010886	M1630	0.02407673	24	18						152.8947	191.7176	193.7855	143.2998	142.5791	152.0785	176.6544	157.1328	171.1773	168.2637	154.6164	194.0105	189.8339	167.708	167.8421	175.6041	206.1814	218.7135	180.8125	176.8339	206.1814	163.4024	196.526	207.5504	188.5629	198.0058	237.7581	
CUST_37551_PI429010886	M19451	0.02407673	24	18						69.54417	57.56454	70.07704	41.35381	47.23775	29.61117	85.20409	52.90722	73.79109	104.9576	54.53868	70.38705	72.96939	46.55494	57.99332	86.77435	64.13867	85.55473	105.5804	58.29201	113.3707	72.58638	34.06673	66.98556	65.15059	46.22189	72.56894	
CUST_1873_PI429010886	N10928	0.02407673	24	3						3620.969	389.3624	3020.109	3658.191	4945.667	3975.62	288.6545	1540.275	275.5152	928.898	3145.521	3899.124	178.2736	5322.868	3349.165	270.3263	162.6721	77.15711	109.5722	744.1912	110.7326	1190.571	172.9496	1017.712	16.97648	473.7195	37.13937	
CUST_7099_PI429010886	N21040	0.02407673	24	3						686.6456	60.72297	879.5119	799.3476	240.1565	709.2377	98.91443	67.01762	61.48782	116.1062	205.8252	185.653	118.0401	232.5608	331.7854	94.78886	36.76462	77.19174	54.93024	64.97632	54.11854	157.8871	64.96779	160.0414	00.05636	76.40541	75.75538	
CUST_45403_PI429010886	M69002	0.02407809	24	6						31.98889	33.72001	27.62537	88.04969	26.08093	64.93737	95.83012	63.96849	141.61518	29.35503	134.6492	11.74077	80.58239	99.66557	51.60135	57.8755	118.8951	78.5366	11.79177	29.99314	12.6262	9.622741	29.81385	32.32436	17.91133	14.77972	15.39651	
CUST_52474_PI429010886	M97568	0.02407809	24	18						27.56835	45.96577	31.48421	34.0139	32.38938	30.46605	21.33758	31.68069	44.07411	30.75945	29.90427	29.89832	32.75067	27.23897	31.90391	33.49057	42.45213	45.78637	37.54467	35.82162	39.18663	37.28516	32.67436	57.00268	33.35975	33.14692	64.18404	
CUST_39607_PI429010886	M41716	0.02410935	24	3	169931080	cuticular protein [Artemia franci			1.76E-22	2775.294	447.0887	2348.232	3811.795	6543.051	5172.899	521.4036	908.0084	564.2041	2990.827	4710.772	5322.868	2333.596	4061.362	5489.861	458.8651	474.8239	412.5149	448.0132	958.49	539.9257	2898.397	1323.872	3062.683	497.2634	1647.162	1379.279	
CUST_39851_PI429010886	M45712	0.02410935	24	15						1175.829	298.0705	786.3486	1162.935	6837.265	4490.88	184.4707	643.8008	183.3606	1282.19	5442.505	6310.155	980.3183	3561.33	4750.447	133.1101	117.354	107.5363	178.4264	208.4776	894.0902	655.6894	907.4648	114.6686	1235.811	389.9629	
CUST_4848_PI429010886	N17606	0.02410935	24	21						69.28139	77.97296	59.22327	63.54017	80.03641	54.88564	60.94356	62.44813	70.74232	61.82712	46.59528	56.00544	61.85109	71.35187	54.47023	68.95833	73.24134	95.67012	61.66326	69.30661	63.84719	76.80564	83.38925	107.3053	52.24236	56.92017	72.81177	
CUST_42250_PI429010886	M59795	0.02410782	18	12	242015734	conserved hypothetical protein	Cellular component org	Cytoskeleton organization	1.64E-27	6.038255	4.594137	10.30243	18.41601	11.4263	7.836194	21.11041	6.417883	8.060296	14.53307	8.893955	10.99842	16.36409	16.16198	16.50439	10.55325	11.60929	10.56444	9.499412	7.572085	8.132185	16.64556	NA	8.763975	12.57883	11.04247	12.44897	
CUST_5478_PI429010886	N18757	0.02410987	24	15	321476119	hypothetical protein DAPPUDRA			1.02E-79	96.16362	147.3924	127.8904	125.8417	84.36167	84.06095	117.4173	122.8067	130.752	139.2612	102.2621	111.3237	123.305	97.1413	103.9519	151.3085	189.3044	167.564	167.7963	136.296	171.9376	112.5697	116.7758	112.2698	135.4989	120.2404	153.6189	
CUST_8124_PI429010886	N22567	0.02410987	24	3	15718457	peroxinectin [Penaeus monodor	Response to stress	Response to oxidative stress	6.11E-129	53.01786	26.66393	48.8281	51.7501	115.8122	85.47045	30.75233	41.8114	33.82765	40.0082	76.14902	76.09471	68.50135	64.51088	59.57649	42.45638	25.34163	34.99184	33.40941	35.33485	37.95648	40.40244	34.50418	50.34979	44.12079	44.49925	45.00194	
CUST_7945_PI429010886	N22308	0.02411769	12	0						25.15651	28.1079	30.46605	24.70381	39.65854	27.59053	11.47082	25.96348	19.69443	30.33619	26.43885	16.47719	16.05811	32.82226	28.98374	16.59634	28.03213	23.36033	20.83811	27.50655	19.44404	28.7468	29.98295	22.03386	44.53304	35.54628	30.68536	
CUST_15249_PI429010886	N34266	0.02413729	24	3						443.0968	6.313999	392.1412	1729.252	789.8715	1183.356	NA	19.65297	NA	45.84807	261.1993	173.2392	107.1233	153.0208	165.5396	NA	NA	4.237832	11.5869	49.4478	NA	205.8558	30.06574	111.6865	12.92228	18.67325	NA	
CUST_33978_PI429010886	M8409	0.02414939	21	9						59.63292	43.89532	58.91866	126.7539	56.19985	63.14073	78.22197	45.61863	49.87102	95.27189	74.80515	67.56678	75.99695	44.06952	45.84807	80.01131	44.76312	54.18142	38.17426	52.38529	32.35917	56.06577	45.5523	63.92981	86.60076	59.8713	63.51585	
CUST_21113_PI429010886	N44655	0.02418309	21	0						15.65279	13.56135	25.06692	8.526821	34.91434	9.746693	4.428527	7.350928	11.23239	NA	5.489262	7.318417	17.26651	10.23134	22.58797	4.539039	NA	12.71713	25.49446	4.903455	20.69694	21.9811	NA	26.49338	21.71446	10.68893	5.620522	
CUST_30313_PI429010886	N61607	0.02418374	24	0						51.56856	33.45999	32.04577	42.66175	25.70439	26.57189	34.88898	21.23274	31.27222	56.30846	24.0298	28.83977	30.49064	51.07791	11.77451	25.40663	19.98797	13.34178	27.83266	31.11011	13.96585	44.97817	33.5727	24.17495	39.29873	36.44264	33.85619	
CUST_13632_PI429010886	N31504	0.02418854	24	9						196.475	194.5138	NA	27.21287	22401.51	14389.61	312.8082	1187.041	296.7459	NA	6809.882	8683.686	10.24666	3627.136	4594.069	20.63272	14.46435	28.93482	8.925992	4965.926	9.275544	9.903662	251.5087	5.925916	NA	3336.354	NA	
CUST_54186_PI429010886	M104997	0.02419034	12	9						14.07446	21.82549	29.90874	12.7329	6.100675	10.75288	23.5268	15.53301	21.44677	28.84319	25.19867	26.09309	18.1064	13.98821	16.39884	10.59882	7.29188	17.66664	32.02499	17.86172	22.10257	7.979072	17.80167	24.90125	22.09313	24.83681	25.01801	
CUST_44528_PI429010886	M66230	0.02419034	12	9						160.2439	83.22682	189.5806	175.0979	109.6178	118.3083	89.01154	86.59225	130.5722	149.786	161.7929	121.9822	272.6276	91.28627	155.7011	45.03269	49.09951	42.92276	149.2791	80.00199	111.1293	281.4085	168.4308	235.5705	125.679	109.7186	214.0023	
CUST_6347_PI429010886	N19981	0.02419034	12	3	91090214	PREDICTED: similar to glucosyl/g	Metabolic process	Other	8.5E-67	20.66527	38.06969	18.1802	84.50226	25.78185	94.54537	51.72801	54.02066	52.78692	17.82488	40.73056	17.5656	36.25072	29.10319	45.19064	75.07482	29.74537	61.54562	41.47761	82.76148	50.25586	32.04908	28.93796	29.74161	32.59982	46.1196	38.58803	
CUST_19693_PI429010886	N42020	0.02421218	24	3						11.0688	18.12774	7.780482	18.65957	236.3422	277.6138	13.91642	10.08072	12.6585	8.560595	101.8124	205.6244	6.221535	237.9355	100.771	9.478849	4.594137	12.34559	11.54756	56.63612	3.993303	14.18835	7.058674	12.5848	23.65067	71.22472	16.74549	
CUST_40999_PI429010886	M56592	0.02422539	18	15	542175291	PREDICTED: kinesin-like protein	Cellular component org	Cytoskeleton organization	1.66E-84	380.0182	379.158	349.5554	341.84	256.6162	272.6726	323.747	293.835	352.6665	311.8576	264.4742	273.4227	378.9491	243.2848	340.0191	399.0879	442.7601	417.9126	368.3282	298.5019	378.6955	242.6675	348.7951	327.4664	344.6427	305.5103	465.3594	
CUST_49505_PI429010886	M85902	0.02424569	21	3						11.44329	3.58094	18.40166	16.42634	13.85002	18.81827	NA	8.131518	14.30221	8.77847	16.05597	19.92388	15.29246	7.307485	12.5077	7.068347	5.873013	11.15484	10.75031	4.328248	6.607932	22.07863	10.48135	16.85118	15.3561	9.791478	20.15802	
CUST_54040_PI429010886	M104123	0.02424829	21	15						130.3314	144.389	134.4639	142.7074	111.5731	99.16406	114.6993	124.6688	100.1918	116.4567	86.60076	103.8305	124.8682	101.98	115.908	146.2889	122.604	111.3519	115.8791	139.2203	123.5107	124.5691	137.4661	115.3572	122.778	168.7955	
CUST_13321_PI429010886	N30987	0.02426537	21	15						4583.265	8430.296	5718.956	3675.29	3489.361	3230.906	5900.066	5482.841	5578.907	5251.996	3142.5	3658.191	5157.305	3565.017	3137.141	6116.36	7389.276	6826.356	6401.205	6201.489	6592.219	4889.847	5489.861	5587.034	7225.192	5025.735	5514.378	
CUST_50945_PI429010886	M91520	0.02429062	24	18						28.52375	54.81291	62.16915	28.23406	22.39225	19.28269	47.28718	19.8408	53.84528	35.89734	32.65563	24.92561	33.53984	21.5284	35.34111	34.60522	24.43106	29.83769	59.49271	45.17758	70.51234	39.46646	64.42993	73.70166	33.07741	37.95648	45.61863	
CUST_28496_PI429010886	N58055	0.02430281	15	12						40.93434	24.04323	30.58943	28.96764	25.73037	28.5784	30.05065	19.46418	19.70573	31.93885	27.65463	38.72594	28.12565	64.57877	48.8281	34.75696	NA	29.13534	25.46688	28.82648	25.17932	23.52858	26.32359	31.33958	35.95046	24.64466	33.40941	
CUST_28582_PI429010886	N58234	0.02430519	21	15						74.89382	26.45629	67.16357	22.45487	33.00277	33.59475	20.42404	29.54782	23.27568	19.57916	33.65261	18.47	27.13523	30.72933	17.55763	36.32694	84.42785	61.94047	70.01129	28.68225	73.13284	28.51774	23.37452	31.4617	35.82991	29.8472	33.08731	
CUST_11768_PI429010886	N28367	0.02430696	24	9	405132179	trehalose transporter 1 [Belgica	Transport	Transmembrane transport	7.58E-24	65.88877	89.57931	88.42474	61.72095	72.57836	62.47784	66.95538	117.8103	106.9297	101.9592	79.5268	94.88668	84.80932	77.8809	96.49913	53.02947	107.935	79.29416	48.33387	57.14912	57.57578	63.5234	51.32543	77.18489	109.6359	41.76233	65.1725	
CUST_56366_PI429010886	M113604	0.02431509	24	21						27.9576	58.91866	48.04399	28.90562	32.05523	43.22401	26.93456	29.11195	52.30892	26.37524	33.31402	34.44933	22.12314	28.59028	27.11635	55.55609	38.02922	35.20827	66.21459	37.46348	31.64405	72.56894	31.76944	51.86945	69.96485	30.77878	45.00629	
CUST_39188_PI429010886	M35849	0.02431676	21	15						6.755262	15.52429	27.74551	18.08256	8.651473	10.73769	19.80965	23.07121	11.64898	19.88098	11.79041	12.9512	15.06342	15.41819	7.304174	23.10247	29.99634	25.13996	NA	17.213	8.241594	15.5945	8.020864	15.94507	6.0033	12.50022	6.279977	
CUST_42924_PI429010886	M61627	0.0243474	24	18						47.88053	107.5871	96.68164	47.66934	61.18666	42.1876	51.3028	115.4156	111.1646	49.40203	52.44267	63.79933	70.52075	68.95833	63.47256	54.61715	66.06005	63.49903	131.3179	140.0577	147.7552	68.33852	76.21108	91.92491	148.9789	83.67777	120.1882	
CUST_6915_PI429010886	N20772	0.0243474	24	21						22.57092	23.12134	36.44629	19.2763	23.79553	33.73205	12.10509	16.42269	17.97466	22.98601	25.99892	29.87493	19.9379	19.64434	25.3952	52.7182	24.87248	32.01836	30.62762	18.22098	22.39995	69.09764	24.79273	59.6688	31.27903	13.9817	32.60595	
CUST_39500_PI429010886	M40528	0.02437683	18	6						562.0064	1086.78	738.5083	1445.709	819.3739	504.201	1424.355	1189.941	1447.815	1446.549	718.7132	1103.344	1628.405	899.9958	592.215	589.8797	1504.447	1111.297	736.9876	514.354	638.3206	706.4981	1298.646	1433.817	1275.515	1180.964	2127.944	
CUST_14988_PI429010886	N33810	0.02439986	24	18						109.9078	89.00153	115.1318	108.3364	101.4235	82.89284	88.87721	102.8535	113.4417	107.5871	94.07474	79.96781	100.1152	89.11547	94.10473	151.421	103.9519	122.8211	128.8445	108.4189	116.2009	130.752	92.60339	121.5027	126.327	112.8635	119.3879	
CUST_12484_PI429010886	N29542	0.02440136	12	0						405.2976	531.5525	580.7924	339.2657	360.4299	379.3272	273.3536	351.343	350.4372	362.4397	368.4918	323.6649	463.9651	337.294	493.0213	327.5322	521.086	329.3072	363.8565	423.2638	320.7735	314.5002	489.1563	411.1376	414.226	434.4459	472.9954	
CUST_17030_PI429010886	N37259	0.02440136	12	0	242006066	sodium-driven chloride bicarbor	Transport	Ion transport	2.56E-31	57.69989	56.01078	51.95959	45.08105	59.13513	45.47674	32.74097	46.13557	42.27337	46.31434	50.95848	54.08431	41.16872	57.35611	60.88384	59.03042	56.93927	46.78449	40.14947	44.86243	48.68665	61.59148	56.54124	60.84718	55.2321	57.53339	71.23242	
CUST_31259_PI429010886	M1094	0.02440987	12	0						817.4569	954.4926	951.1847	692.1008	663.8187	588.5037	357.3731	666.4362	744.1912	851.1928	878.4972	713.1241	889.8299	731.8145	778.2044	896.981	1019.08	846.219	620.5792	813.7492	643.0042	1087.147	944.508	948.407	1191.902	840.0505	1233.546	
CUST_1155_PI429010886	N8800	0.02441087	15	0						2372.561	529.2524	2160.967	2150.4	719.258	818.0478	4368.987	3759.237	3751.984	3297.935	2100.692	2030.062	4536.055	1505.065	1

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_51215_PI429010886	M92652	0.024685113	12	0						146.7827	123.8841	155.0166	137.9543	136.3513	115.2516	115.8122	109.9654	111.8116	144.2441	151.0701	138.9837	162.6959	109.9526	133.7038	118.9614	145.3183	163.6909	121.2532	122.2649	129.29	160.8732	154.566	151.4121	178.7734	177.9078	257.2967
CUST_17981_PI429010886	N38943	0.024685113	12	0	321473840	hypothetical protein DAPPUDRA			3.11E-16	34.85461	7.345945	41.52789	18.57337	17.8371	25.99379	4.67374	9.974531	12.62197	12.04777	9.467901	17.40415	12.8443	27.50428	35.21261	6.57946	9.86692	12.17844	9.336607	9.653093	11.85747	18.72709	9.442403	15.88592	18.19475	10.97548	20.65942
CUST_29309_PI429010886	N59696	0.024685113	12	0	148611442	tyrosine hydroxylase isoform A [	Metabolic process	Cellular amino acid metabolic process	2.94E-19	117.8384	138.8888	150.6494	93.87326	102.1933	97.18737	78.87943	90.31517	122.1364	118.4437	74.18021	120.5704	109.1508	124.1583	155.4242	107.5502	91.43014	107.332	98.19279	102.1603	143.9979	127.5443	196.3457			
CUST_11304_PI429010886	N27591	0.024686789	18	3						78.55333	78.40447	82.98239	95.70549	64.7406	99.74451	52.6597	31.59217	64.02943	84.65768	86.90266	52.5487	126.6202	51.22586	59.81196	57.69269	67.7438	49.61593	63.2206	57.99332	65.16557	118.0401	100.6045	90.73151	84.99467	66.74815	62.99459
CUST_53163_PI429010886	M100491	0.024691525	24	6						103.6461	16.00633	NA	158.6164	14.2026	21.32203	101.2279	20.09522	NA	115.5309	16.32911	30.64441	95.47293	35.51709	22.47011	19.46213	17.9285	62.48982	12.53963	19.12194	4.617984	9.494876	7.847769	18.54665	NA	48.17305	20.58397
CUST_3297_PI429010886	N14209	0.024695987	12	0						53.6019	20.05184	41.63464	58.52453	24.88093	41.27805	9.992623	14.86691	15.91979	58.75296	25.48421	25.58133	36.8828	21.03678	21.01951	20.74399	17.12368	11.53064	16.64224	14.92455	10.36312	29.09105	20.24952	19.50992	22.92862	18.39609	26.57189
CUST_25506_PI429010886	N52541	0.024695987	12	0						101.2279	40.2252	82.54419	63.5234	45.9512	43.86995	68.41738	66.296	68.50963	94.29714	89.20331	106.786	147.3731	104.7345	114.5488	90.23368	31.92855	68.44391	123.0596	91.73279	135.3048	59.03583	104.0674	85.33414	125.025	111.793	109.2539
CUST_34574_PI429010886	M10039	0.024700118	24	3						374.3365	181.1454	377.6097	380.2708	777.6219	804.5516	78.92328	380.1903	119.4286	280.3649	914.2819	884.3862	93.41761	757.5703	789.8715	89.7967	160.623	62.02003	95.64524	270.2762	96.68164	271.4195	288.5336	292.6648	31.1712	578.6613	104.7064
CUST_36524_PI429010886	M16133	0.024700118	24	15						14.10469	10.92142	22.83375	13.16499	10.27251	16.24245	29.39937	20.91286	17.45365	22.4839	17.12908	22.39833	25.17263	20.0975	18.70945	35.29764	19.52016	28.52375	20.41052	14.94152	23.25613	18.35487	17.78589	20.80428	23.24571	21.44902	13.42624
CUST_38990_PI429010886	M33065	0.024700118	24	3	149675213	cuticle proprotein proCP6 [Callin			3.29E-09	6491.663	126.0246	4140.108	6956.592	3890.917	5921.175	307.1364	342.7829	382.191	4971.086	10464.54	6837.265	5550.987	4487.184	5659.622	21.49662	17.74254	30.9462	328.4824	378.4533	436.8129	5625.087	3159.077	4783.413	592.8013	902.1594	1117.567
CUST_9556_PI429010886	N24831	0.024700118	24	15						148.892	186.6281	154.6882	191.5757	146.5222	154.2023	168.4308	181.8521	160.8514	189.7707	190.829	208.4776	177.362	161.1965	181.6282	205.536	235.4202	207.6167	195.4372	160.623	199.0025	153.5706	174.857	202.2706	192.1066	154.9422	205.9794
CUST_25637_PI429010886	N52786	0.024707952	24	21						68.98107	52.97194	50.36694	54.62717	45.43179	46.41316	20.41235	20.68983	34.40524	57.9604	54.36391	49.82997	42.67003	57.81704	56.15909	65.49568	45.04182	58.60789	44.40911	32.79916	24.36005	71.12138	54.63268	67.44192	62.39412	45.06212	59.40866
CUST_13522_PI429010886	N31323	0.024716614	24	9	322800043	hypothetical protein SINV_0326			5.06E-14	9.657459	5.843801	3.454688	8.934291	108.7869	70.07704	12.36665	8.254274	15.67395	NA	128.1449	92.64515	17.96345	90.96558	126.5408	8.78406	3.26084	6.725437	NA	27.45155	NA	12.30677	21.51658	5.876389	7.332239	18.22518	5.066072	
CUST_41040_PI429010886	M56721	0.024727948	12	9	225718978	L-aspartate dehydrogenase [Cali	Metabolic process	Cellular amino acid metabolic process	2.14E-36	158.7144	106.7719	219.187	218.3332	115.8934	91.6474	205.9794	121.6759	289.0575	191.8512	269.5561	173.6995	335.0962	157.985	140.7771	94.10473	108.0685	119.8471	326.9964	195.2973	280.0406	185.8172	302.274	378.6955	99.06526	124.4898	238.3932
CUST_2791_PI429010886	N13115	0.024727948	12	3	242008167	vacuolar amino acid transporter			6.53E-99	54.71169	59.92793	48.73108	51.42591	74.6809	74.61536	46.64063	77.23272	59.77969	51.49011	53.07048	39.77153	56.76432	45.80812	54.22249	58.64151	62.29516	59.63292	44.04608	68.76743	53.61862	43.29935	54.91386	37.88664	43.20383	69.64615	59.58172
CUST_11352_PI429010886	N27673	0.024727948	12	9						22.60966	17.38353	51.09652	29.06579	7.259084	25.37403	16.68722	10.20667	27.98737	36.40013	55.51071	24.85437	28.65621	31.92217	44.81289	6.0802	20.49843	10.44372	42.82832	17.24019	18.39269	54.38582	24.54621	55.95718	25.2621	18.65957	33.98225
CUST_14011_PI429010886	N32172	0.024727948	12	3						92.81596	87.62517	62.99459	94.29714	38.91666	66.46575	88.67629	89.55714	102.0887	81.4132	50.70492	38.52874	80.5549	92.00118	41.17764	98.78131	116.981	126.1425	83.19883	64.77885	89.97113	59.81196	62.28713	55.04966	81.70379	99.60174	125.4319
CUST_19481_PI429010886	N41654	0.024727948	12	9						205.3789	150.4102	200.6419	175.0698	140.1401	173.0186	202.9315	146.3771	173.9043	237.4902	198.257	199.116	212.4024	152.8709	142.7301	174.3193	140.1138	158.6683	205.4207	171.0949	153.7917	210.8033	194.7406	231.7103	206.0425	156.1141	182.136
CUST_26048_PI429010886	N53565	0.024727948	12	9						35.90614	63.6314	39.72072	52.44267	18.50063	29.08472	23.21362	39.92572	32.45355	72.09362	36.8404	36.514	81.24064	56.32436	29.74101	23.09017	21.27734	21.17165	46.78449	65.22345	34.9059	57.06949	47.70295	52.16251	41.33969	37.44318	46.26072	
CUST_19391_PI429010886	N41500	0.024794594	12	9						11.09925	NA	14.20626	69.35987	49.93016	7.529095	NA	6.052527	10.91561	90.58585	150.8283	70.82447	32.52153	38.7574	318.3284	NA	4.514414	60.00388	28.01303	54.99763	336.0729	212.6978	246.8683	58.54841	22.85106	113.187	
CUST_36503_PI429010886	M16085	0.024797939	24	0	299757081	hemoglobin [Carcinus maenas]	Transport	Other	1.33E-32	80.35316	79.71537	105.7899	96.09055	45.52672	100.4234	37.53998	88.67629	100.9118	49.18092	76.05422	64.33747	57.03545	48.32075	48.80597	37.60724	48.27158	52.94826	66.25687	78.7116	111.1646	61.85109	79.39688	74.69118	85.24573	56.22801	88.34301	
CUST_30912_PI429010886	M204	0.024797939	24	21						75.31313	138.9837	132.2851	83.79749	130.586	108.4858	96.25473	139.0252	107.0354	90.04305	112.1849	89.50979	86.54102	110.6819	96.71212	114.3193	153.0619	127.4702	112.1403	151.8566	132.6815	126.5797	141.1345	145.5571	136.4791	114.7172	127.633
CUST_37452_PI429010886	M19074	0.024804748	24	21	321469582	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	3.58E-114	7100.104	15141.22	8215.523	7546.585	8723.793	6906.237	9301.136	8786.531	9211.498	4772.224	6116.36	4889.847	6491.663	5686.353	5342.932	7157.757	15942.89	15767.9	6922.365	8135.669	9490.363	7090.073	15847.39	13043.65	6612.476	9410.039	9142.021	
CUST_31115_PI429010886	M729	0.024809615	18	15	242003650	conserved hypothetical protein [	Transport	Protein transport	5.07E-75	10.99326	10.26259	NA	3.838365	4.953316	NA	6.788846	6.638039	9.243151	10.7519	9.201788	7.678598	12.83052	14.45383	10.38364	15.34413	6.709355	21.03035	13.39921	4.558554	10.91964	6.949768	3.649511	11.92803	10.56305	4.066574	16.41382	
CUST_4314_PI429010886	N16489	0.024842166	12	3						103.7292	155.3531	11.0716	277.7202	8.538785	297.0848	223.8968	73.19641	128.4802	150.6011	112.6548	16.07505	195.6831	222.8209	160.6506	441.2406	180.7516	235.9714	289.2838	36.05055	198.8809	14.09206	72.6168	12.88736	141.4787	133.2218	7.679886	
CUST_8374_PI429010886	N22955	0.024845727	24	0						73.53729	93.24932	94.78884	72.6054	106.8649	71.75645	64.11411	85.95962	73.4071	41.3426	70.63176	66.58185	75.61315	67.49593	77.5233	77.36861	68.57845	65.39166	69.02489	60.0126	67.0724	104.1434	76.24747	73.05642	71.57672	94.17512	108.3364	
CUST_6149_PI429010886	N19692	0.024846662	21	15			Metabolic process	Other		8.155855	14.34474	9.078909	9.120228	11.37669	6.44666	13.33647	15.48991	9.491244	4.383814	4.163356	14.53618	9.274547	10.15557	9.774001	11.10263	19.49649	18.15454	6.864225	15.56681	9.194171	10.89235	14.05708	9.130244	3.753898	4.647105	5.320114	
CUST_27197_PI429010886	N55613	0.024850639	24	15						7.834835	5.961953	4.093963	10.78819	NA		6.135949	5.865277	13.94885	8.274559	3.492982	6.896573	16.17475	14.0733	9.214634	14.65162	14.0289	21.3257	22.12314	17.48425	9.239178	13.75996	27.69481	9.15859	29.51017	10.05212	8.948442	10.23134	
CUST_14669_PI429010886	N33264	0.024854524	18	3						NA	11.81089	7.441018	12.51148	NA	17.72027	NA	8.330941	4.296151	5.742729	NA	6.456174	3.643413	4.599295	6.939412	9.206401	5.472004	6.882653	NA		3.873772	6.936046	NA	7.384297	10.28796	NA	6.722248	5.417659	
CUST_32893_PI429010886	M5403	0.024855181	18	15						26.64465	29.87961	29.6976	11.91707	25.87711	17.6701	13.7144	22.1072	15.89565	15.59668	27.5289	30.88085	34.70965	14.60252	23.91812	28.79058	18.72559	39.35783	29.28594	17.0913	25.89088	31.05988	22.13345	27.28454	14.85124	13.413	19.61588	
CUST_9654_PI429010886	N25001	0.024855181	18	15						181.7225	154.3971	139.7386	152.0267	119.4473	193.0271	165.2661	131.7371	153.2663	195.5794	159.9313	189.6492	180.2649	102.7615	203.9965	345.8925	203.9965	310.9804	180.1092	97.18737	150.6494	145.9895	126.712	155.1663	194.7711	140.6454	154.6439	
CUST_6555_PI429010886	N20264	0.024868872	18	15	291232602	PREDICTED: tissue specific trans	Metabolic process	Other	4.21E-131	71.00454	141.598	82.86519	60.81352	59.26831	69.45139	82.44777	136.6874	84.45149	75.13872	63.4939	73.85285	82.17196	92.9385	66.01029	122.7895	135.9631	120.4106	83.25572	87.24349	63.92981	62.96898	95.58893	64.70441	88.30662	72.20641	63.78974	
CUST_2215_PI429010886	N11888	0.024888453	24	6	91077980	PREDICTED: similar to masquera	Protein metabolism	Proteolysis	1.48E-45	290.8608	275.7847	118.2092	236.43	225.256	335.4857	426.9219	272.3888	350.1584	225.4359	214.7361	243.0739	189.1836	210.4014	240.7581	426.4459	198.257	245.8656	254.8129	170.4291	246.6369	145.1769	194.1257	160.2766	199.3242	287.5765	88.06844	
CUST_8398_PI429010886	N22982	0.024888453	24	6	530567046	PREDICTED: carbohydrate sulfot	Metabolic process	Carbohydrate metabolic process	1.22E-10	135.6453	152.0267	106.6278	127.8904	105.9605	90.59636	151.6547	146.0081	146.3562	120.1351	118.8271	111.7011	87.26779	134.1808	68.75665	130.9524	133.9377	100.9815	98.53709	112.3711	124.2158	79.16248	96.18658	92.62501	123.0596	87.34939	108.3981	
CUST_26598_PI429010886	N54511	0.024888453	24	15						124.5691	103.3894	103.2627	160.389	132.4149	245.4565	29.48451	115.984	22.0829	82.99391	72.2509	59.57009	17.47911	188.6256	31.51924	20.51167	71.20823	32.65563	30.6774	51.1596	12.92228	67.86669	18.1259	28.2205	24.67768	58.19234	7.994051	
CUST_38984_PI429010886	M32986	0.024903932	24	15	351602050	ferritin peptide [Fenneropenaeu	Transport	Ion transport	1.2E-31	855.8718	1354.492	1006.38	829.47	831.3637	870.1856	913.5277	1056.763	1100.31	939.0464	905.9928	735.5518	816.8898	946.146	673.3593	1140.807	1463.189	1157.025	1271.688	1064.673	1032.593	943.8069	1100.835	990.9612	1240.711	943.4447	887.5066	
CUST_54932_PI429010886	M108201	0.024939318	21	0	242006066	sodium-driven chloride bicarbor	Transport	Ion transport	1.66E-79	14.29468	NA	NA	12.41644	NA		11.39637	7.07223	3.877096	9.952015	10.23726	7.113497	7.810134	7.376965	6.362179	NA	9.754809	8.511016	10.62276	11.58452	9.292415	NA	18.65093	10.39079	9.312541	11.42158	NA	5.362097	
CUST_14712_PI429010886	N33336	0.024983615	24	18						14.41307	23.44477	17.57638	15.71978	7.777922	22.48649	11.03537	18.18791	10.59016	12.95302	NA	19.50063	12.13635	10.37266	27.86499	18.70643	17.89735	16.90428	41.00859	22.84451	42.77417	18.84141	23.17996	20.06053	31.04302	10.13108	30.9318	
CUST_39001_PI429010886	M33255	0.024989986	24	15	260803818	hypothetical protein BRAFLDRAF	Metabolic process	Other	1.25E-41	270.1829	565.9653	432.3981	212.4024	305.863	236.2202	585.2891	500.7179	581.9588	387.5344	356.0032	361.5772	437.5336	476.9732	350.0691	417.5037	579.5063	554.8747	497.7865	456.8292	607.6204	403.5639	394.9633	452.4209	378.9491	381.0871	511.369	
CUST_44297_PI429010886	M65537	0.024989986	24	18						17345.96	25188.43	19094.08	17315.8	10605.81	12991.27	24040.66	18851.7	21113.92	17837.79	5002.917	14100.35	18070.71	14189.5	12359.97	25978.53	21524.84	23575.84	26740.38	20762.38	25978.53	20434.9	19855.57	20382.6	26803.66	20662.81	26678.14	
CUST_10078_PI429010886	N25658	0.024989986	24	15	260812090	hypothetical protein BRAFLDRAF	Response to stress	Response to oxidative stress	2.5E-12	870.6321	1115.579	616.4216	729.4004	215.7105	509.6459	1277.638	1345.742	1273.044	665.3418	455.1948	505.1911	933.5904	841.6057	305.3135	1460.387	1757.509	1090.482	1076.743	1463.189	1377.595	763.5241	1177.962	699.596	537.4657	1156.716	971.9693	
CUST_47882_PI429010886	M78000	0.024991564	18	15						107.7706	42.46222	65.98466	97.2956	14.98899	72.48391	103.9956	145.9095	107.7215	245.8278	113.5034	80.78521	89.99586	88.30662	33.03392	233.0946	175.8536	220.6244	107.7215	127.259	185.1715	110.0417	15.63074	45.47674	119.4981	52.99968	84.91891	
CUST_1264_PI429010886	N9070	0.0249936	21	9	156349174	hypothetical protein NEMVEDRA			8.25E-11	355.841	95.33452	214.5153	126.6022	12317.37	132.329	NA	1804.854	NA	NA	11932.74	15012.16	5.785239	43.2948	19.73975	6.628976	5.100258	58.09261	NA	2041.036	6.13026	NA	94.25033	3.89789	NA	2247.929	NA	
CUST_21677_PI429010886	N45639	0.024993972	18	0						41.24111	46.03907	31.95741	23.89372	14.72302	20.49572	15.70678	11.38131	6.501943	36.85694	11.5765	23.00637	23.10033	14.44307	13.63853	11.99505	15.11599	24.2063	32.1267	23.39833	24.81147	25.36192	4.319683	10.13015	22.71736	4.347302	37.17059	
CUST_46729_PI429010886	M73539	0.024997771	24	15	189235428	PREDICTED: similar to AGAP006	Transport	Protein transport	3.44E-46	35.49916	31.1712	33.44592	24.83115	18.48914	23.29521	31.99205	38.18648	36.46888	34.03486	17.70791	23.81296	19.29052	27.37887	26.96496	41.03485	48.03117	36.05963	38.0933	34.86478	37.85657	36.34385	25.90356	39.69061	30.23708	23.61457	43.92787	
CUST_33708_PI429010886	M7669	0.024997771	24	6			Protein metabolism	Cellular protein modification process		19.03459	26.85225	18.69379	26.72167	27.07862	18.03136	47.33564	28.99688	21.59961	8.891795	20.2385	17.81893	6.433509	25.48421	16.26492	11.77271	28.19441	26.82167	9.766099	20.93117	13.17479	14.33765	15.24165	12.3285	18.99955	24.15233	16.72545	
CUST_4310_PI429010886	N16473	0.024997771	24	3	46575823	calcification-associated peptide-			2.57E-15	10323.84	24.41183	8227.781	11738.35	2247.929	7950.355	139.1591	101.508	242.833	8417.477	5550.987	6929.595	6864.217	2066.858	7402.627	10.20755	4.923109	32.62087	442.3593	176.4771	392.5562	5744.161	3735.581	6717.703	615.2672	1067.28	2288.957	
CUST_11257_PI429010886	N27521	0.024997771	24	9	260828245	hypothetical protein BRAFLDRAF	Response to stress	DNA repair	4.18E-63	160.217	34.70595	33.12372	182.2041	49.94405	55.41495	142.9612	37.91672	18.49915	195.3229	62.52243	45.90556	157.847	49.16277	46.67221	40.94392	39.91458	103.07	24.34094	56.3623	21.95217	21.03259	31.87047	31.83006	10.2951	57.19268	32.13989	
CUST_11967_PI429010886	N28707	0.024997771	24	15						131.3179	272.7898	163.4636	173.1388	143.2644	147.1665	224.2516	172.8084	193.7593	162.165	151.8772	162.9942	171.2731	167.9403	186.0269	325.2782	294.481	293.0253	187.7437	160.7996	220.1011	173.2168	171.8137	182.0698	189.5433	161.8917	199.1806	
CUST_672_PI429010886	N6680	0.024997771	24	3	290462391	Cuticle protein 6 [Lepeophtheir			4.4E-19	3688.899	230.2547	2312.635	3284.996	4224.791	4048.748	422.1689	864.5859	394.5922	759.5695	6906.237	9041.082	455.1948	3907.104	5179.003	65.10135	41.45634	43.8834	56.83684	1075.462	53.92132	1637.38	756.8703	1482.511	53.92132	1637.38	756.8703	1482.511	
CUST_41330_PI429010886	M57858	0.024999996	24	18						862.8898	1003.544	977.9831	870.1856	714.4899	947.785	687.9587	703.9211	741.8916	915.0007	808.2743	879.5119	758.5678	673.5411	799.5929	842.9082	978.9259	878.8076	771.5388	803.027	683.9311	1050.367	884.7475	987.1103	1230.665	956.0225	1386.294	
CUST_10095_PI429010886	N25691	0.024999996	24	12	152013699	putative cuticle protein [Artemia			1.19E-09	75.32925	73.31512	11.56722	68.39377	650.7116	135.988	516.0491	415.0852	438.8282	44.95996	246.3057	188.6256	180.3196	477.5471	551.429	504.6417	218.9179	73.7506	61.87143	80.7223	51.37499	25.91577	87.1487	69.28615	14.32273	29.30447	20.71429	
CUST_5944_PI429010886	N19408	0.025041961	24	18	242011002	conserved hypothetical protein [			1.16E-19	278.4293	380.83	354.2621	283.1093	276.8158	235.1738	344.2242	345.6474	345.0411	310.2309	317.0778	330.3379	326.855	336.8769	300.6157	358.4079	376.0142	384.4369	286.5115	392.7267	407.9106	353.2411	420.8457	428.3837	336.5251	343.9474	436.2924	
CUST_7453_PI429010886	N21573	0.025051527	21	15	195378522	GJ11573 [Drosophila virilis] >gi|	Transport	Protein transport	4.23E-112	183.8614	280.0915	252.1994	171.7541	163.6628	150.7719	208.3716	193.9037	240.4351	127.2209	178.2736	171.664	187.4109	174.6626	169.8611	216.6056	305.9094	313.3524	203.36	240.84	226.8625	174.2396	231.7623	244.1747	228.7039	211.625	198.2813	
CUST_13348_PI429010886	N31031	0.025058348	21	12						7.919117	6.649922	11.77451	6.709355	6.800335	4.685429	6.638928	13.43266	8.1002	5.685492	4.821829	NA		13.74025	9.227637	10.27542	7.928135	11.34074	11.45007	7.512221	12.11179	6.752779	NA		6.062787	6.341481	9.092038	5.537042	5.423247	
CUST_6267_PI429010886	N19873	0.025093195	12	6	283138829	endo-beta-1,4-glucanase [Copto	Metabolic process	Carbohydrate metabolic process	1.12E-132	NA	10.04856	5.375793	13.48993	NA		19.18145	243.0247	14.39646	193.3377	21.58672	17.00074	NA		11.67212	NA	5.523343	21.36623	4.864276	23.1696	170.5061	358.1637	493.5638	50.86043	3.781771	59.28822	44.17652	10.39762	53.70551	
CUST_31089_PI429010886	M669	0.025115375	24	15	91082441	PREDICTED: similar to chilling-in	Signal transduction	Other	8.55E-61	93.95635	136.296	107.8221	90.15514	89.09696	63.77866	109.1228	118.8436	105.8493	105.2562	90.84788	84.4188	109.4907	102.722	81.87749	124.8558	140.182	153.5452	109.3354	140.369	117.9281	86.27418	91.54439	106.6432	110.822	108.5148	141.1162	
CUST_33274_PI429010886	M6467	0.025125644	21	6						5.074363	3.746302	8.322606	NA		10.70762	NA	12.70063	15.26493	11.13644	15.62519	NA	9.268739	19.15056	10.16181	6.467201	8.340014	4.066247	9.700016	10.83531	8.285959	8.931679	8.555797	7.839418	10.22939	10.98475	5.896106	10.13408	
CUST_2787_PI429010886	N13105	0.025137637	24	18						3914.879	4288.608	3992.329	2749.137	2258.648	1994.973	4419.639	3313.258	3069.207	3604.261	2261.704	2710.483	3715.857	2514.613	2807.452	4261.241	4334.63	4672.963	4080.702	3911.515	4910.228	4048.748	3670.22	4031.99	5021.117	3349.165	5162.169	
CUST_37776_PI429010886	M21528	0.025146371	24	3	321468348	hypothetical protein DAPPUDRA	Metabolic process	Generation of precursor metabolites ar	2.68E-126	49.81307	29.9255	39.6267	45.12167	34.63788	39.09638	32.25543	33.7853	34.37139	36.70742	36.57306	30.90807	15.81562	33.37923	17.61898	36.20227	14.08558	29.39937	44.28707	26.38647	26.48347	25.92125	33.75549	28.21177	43.44652	27.68667	37.52227	
CUST_55298_PI429010886	M109484	0.025151557	24	0						27.2287	55.75291	83.10688	NA		NA	NA	83.7199	8.263401	51.37499	9.082829	31.98442	10.13108	65.03673	46.63617	4.79986	7.24584	34.57879	8.998007	13.60347	17.14735	NA	19.91267	28.23949	36.81564	43.60777	56.57137	59.57009	
CUST_49120_PI429010886	M84192	0.025177003	24	15	302320972	Taku spinosocarinatus voucher L			2.44E-148	94790.65	95305.17	77887.6	83454.29	85913.71	107696.8	93147.81	111377.9	99004.2	104498.1	97373.16	117905.2	103630.6	103630.6	105237	121965.4	104498.1	113585.8	99004.2	95843.19	69931.06	101686.5	105237	89785	86457.06	98191.21	102933.3	
CUST_33580_PI429010886	M7327	0.025202558	24	3						1298.646	199.7474	842.9082	899.6557	749.0313	469.0501	239.8775	258.7813	208.2068	949.2292	1311.001	604.0998	683.4131	587.733	752.0705	206.0093	19.9666	190.7935	113.015	155.3804	207.4056	661.6594	398.4892	434.2782	224.8292	212.7978	277.3007	
CUST_8385_PI429010886	N22967	0.025208057	24	9	460838092	strongly chitin-binding protein-1			2.37E-30	16.51006	16.1275	NA	NA		1641.783	1205.159	26.94322	72.97666	21.45343	NA	1349.624	1476.878	NA	708.1548	979.3611	23.422	15.79093	10.08687	9.640177	84.83411	7.758333	NA	27.99322	7.227037	3.281701	126.521	NA	
CUST_1835_PI429010886	N10844	0.025216536	18	3						NA	18.14415	15.3089	17.5689	18.39978	30.87462	3.997012	13.84416	8.054328	5.783029	8.143822	20.79753	9.551996	12.99289	21.45886	8.168708	16.90805	17.08884	8.449479

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_19018_PI429010886	N40837	0.02559284	24	15	260830379	hypothetical protein BRAFLDRAF	Metabolic process	Other	5.5E-13	22.44464	26.76519	17.01732	21.46191	25.42345	21.51186	27.47239	19.33947	27.21287	27.14447	25.94024	28.92859	23.82619	17.57495	33.97232	38.84447	27.702	35.73797	21.95009	29.62518	32.91719	27.29078	24.62932	27.32756	28.53702	24.47696	29.84142
CUST_46738_PI429010886	M73559	0.02561125	24	18						14.28982	17.68234	14.81286	11.47889	28.36418	19.55672	18.05145	44.56209	25.94197	4.358822	19.31587	5.667368	15.84904	24.00968	17.80399	7.281075	18.55514	18.83943	35.83737	36.47269	60.16557	18.96038	36.07467	46.32151	25.29891	30.05953	34.77078
CUST_21447_PI429010886	M45239	0.02561419	21	0						36.04692	34.3438	43.45621	26.44115	38.28366	39.71151	30.81577	27.9125	26.0084	28.58712	36.00077	14.45617	23.41549	21.24736	36.73639	28.47101	34.23416	27.44734	43.85321	24.84769	30.71702	37.68424	34.94317	36.39935	33.23134	30.26124	47.41217
CUST_40689_PI429010886	M55864	0.02565923	18	3						53.49898	54.5743	51.6033	73.11579	117.9028	73.85285	61.60531	72.42903	83.73063	24.8172	74.97441	34.2465	60.60875	66.97909	63.57872	35.06662	99.16406	54.69276	68.06818	82.44777	51.7721	85.56504	99.54889	78.73	76.95384	76.75947	63.83347
CUST_11175_PI429010886	N27387	0.02568463	18	9	443724535	hypothetical protein CAPTEDRAI			4.17E-70	54.35078	49.73252	45.93201	31.85591	39.84739	33.4664	63.54768	41.82858	57.31291	75.1848	49.3434	57.32544	59.22932	41.95139	62.23993	83.80666	57.09472	57.09472	75.17439	37.56185	56.84633	55.25246	46.78449	53.10397	91.93441	50.61747	62.11789
CUST_32409_PI429010886	M4038	0.02570042	18	15	290908989	myosin light chain [Marsupenae			8.72E-43	774.7662	408.3007	794.0736	575.9481	317.0103	561.8923	385.9551	735.2877	459.8781	525.4149	380.6302	412.4307	548.1274	699.994	313.8573	1383.977	1006.38	1357.702	1040.528	1030.655	1505.771	402.8177	322.8267	267.9719	1180.485	666.0922	545.7936
CUST_45345_PI429010886	M68806	0.02570343	21	0						125.8242	138.3312	NA	32.64521	NA	30.78396	123.1267	88.57697	112.7474	3.413755	3.797497	NA		24.47377	155.5483	5.842145	178.6737	85.04871	79.34748	64.15258	95.93997	70.03526	NA	207.7685	NA	NA	83.56745	NA
CUST_13378_PI429010886	N31082	0.02571809	15	9	307188164	Protein bunched, class 2 isoform	Nucleic acid metabolism	Regulation of gene expression	1.48E-16	25.23871	32.12055	24.83115	32.82226	23.16272	22.62003	20.53808	37.73322	30.60362	35.7936	33.72382	41.88562	32.07484	35.23472	37.93177	23.95576	31.14131	26.84286	34.59167	21.29702	24.31278	35.57091	28.04196	32.50656	35.06662	27.09196	32.95886
CUST_39716_PI429010886	M43386	0.02571291	21	9						13.67002	8.443674	8.268792	6.794495	5.889572	6.389553	11.46286	6.842059	4.515392	15.69941	10.85303	13.61281	12.62446	11.50587	11.50587	5.106576	9.731693	NA		14.80006	12.08009	5.951493	10.74591	3.587238	NA	5.736085	6.145604	4.80327
CUST_39087_PI429010886	M34399	0.02572674	24	9						170.7219	22.40231	23.37724	236.0521	36.90923	49.65203	156.0492	26.68249	4.224486	208.8662	48.73108	65.20578	142.9419	44.45593	49.97298	37.9085	29.40507	93.41761	20.51331	37.27103	15.24165	8.456069	20.60839	35.69023	NA		58.48301	23.50565
CUST_20631_PI429010886	N43785	0.02573990	21	18						253.9087	104.6784	186.3368	42.77967	121.1272	95.60245	159.1789	157.7362	88.54391	108.1711	33.37054	100.3016	185.8563	126.0542	100.9526	135.1633	159.5246	131.3023	147.0849	133.4909	176.3429	146.8442	98.5911	153.2144	87.46732	123.9728	95.22353
CUST_21351_PI429010886	N45060	0.02575939	21	15	170590606	CHORD family protein [Brugia m			9.55E-11	16.25246	25.14815	14.55841	17.17227	25.23036	12.79576	26.22317	18.52205	23.22144	27.69944	14.93971	22.20918	24.80109	7.63224	20.17168	25.64005	26.80971	32.56737	23.5268	12.31866	23.53464	14.64332	7.097241	11.51735	22.40411	11.09357	18.92052	
CUST_56129_PI429010886	M112894	0.02582006	12	6						2437.73	2100.692	2273.452	3277.985	1982.92	1897.754	3041.467	2738.485	3506.645	3331.869	1327.159	1826.319	1282.19	2247.929	1780.678	2924.097	2001.707	2600.653	3478.142	2696.535	2516.066	3091.943	2277.337	2242.949	2463.526	1650.878	2146.15	
CUST_56670_PI429010886	M114387	0.02582355	24	21	225875099	Euphausia superba cry gene for			3.22E-130	106.0103	111.5206	114.0573	106.0382	104.2957	90.25881	98.29871	91.89616	102.7109	62.95202	103.3894	103.3439	79.04147	90.7227	88.51224	102.8306	116.1759	102.8763	148.7876	86.75428	88.06844	164.9172	70.01827	123.2322	162.5583	95.46305	113.7405	
CUST_46555_PI429010886	M72970	0.02584042	24	21						52.60565	80.52797	80.13048	77.16447	43.23631	37.4753	63.96236	42.1876	45.7369	58.59505	46.57945	47.58263	70.28135	56.00544	51.95959	73.78491	68.9382	85.99964	62.71091	57.98315	57.99332	68.0002	67.87655	81.75003	60.35053	58.91866	76.82742	
CUST_44099_PI429010886	M64953	0.02584249	21	0						10.61964	8.468746	7.852776	16.34777	5.707864	5.094921	11.0611	6.220734	NA	NA	NA	8.878239	4.097697	NA	3.690558	8.009934	6.054328	6.014616	11.08814	8.03382	3.93697	15.64904	12.1414	12.50865	5.797914	4.074046	NA	
CUST_2070_PI429010886	N11495	0.02585732	24	21						7928.164	10683.23	8484.924	7695.811	4852.406	5048.826	7402.627	7058.228	7610.57	8160.518	5840.985	6523.544	8962.903	6201.489	6656.173	10178.51	9490.363	11094.64	8348.895	8945.499	7474.416	9444.83	8723.793	9923.978	12359.97	8929.115	12141.91	
CUST_34187_PI429010886	M8997	0.02585717	24	12						87.99932	138.4394	116.6562	202.8396	126.6312	102.2993	173.1737	141.0554	105.8953	267.1988	100.9118	149.533	299.2328	177.362	267.9409	168.2228	107.1957	196.7185	175.8536	296.2664	253.5194	170.9936	202.9968	231.097	168.0948	196.2133	153.5754	102.411	
CUST_33386_PI429010886	M67192	0.02587131	24	3	321461276	hypothetical protein DAPPUDRA	Nucleic acid metabolism	DNA replication	1.03E-152	17.7035	4.626282	25.65567	NA		187.2522	142.6928	6.771066	8.77273	12.45971	18.00581	216.87804	23.50114	18.87533	10.48651	10.87768	9.077497	NA	6.460083	NA	NA	3.169318	15.5366	9.415553	8.787188	9.92008	11.26818	NA	
CUST_38788_PI429010886	M30395	0.02587986	12	9						678.3225	1277.638	824.782	795.5533	356.5119	332.5739	1418.063	1490.226	1667.986	1701.993	1269.337	1092.1	1528.323	701.2975	849.7305	649.7567	1311.001	957.0763	1769.667	1914.352	2007.702	1234.088	3709.06	2642.585	606.7201	1513.832	1547.502	
CUST_6808_PI429010886	N20627	0.02587379	24	18	546683481	hypothetical protein D910_1058			7.31E-48	58.91249	59.23509	63.65381	55.78477	48.5088	54.47023	44.21653	50.64118	60.40971	76.68447	56.06983	27.63333	75.83949	52.18733	66.00136	74.5042	64.98274	68.60832	77.03919	62.42709	68.65785	85.25564	53.37075	76.02418	92.50275	59.14128	70.90586	
CUST_3249_PI429010886	N14105	0.02588710	21	15	255732843	Candida tropicalis MYA-3404 NA	Transport	Ion transport	6.53E-62	542.9066	831.6922	838.6312	514.2205	646.3558	460.1149	864.5859	799.5929	785.3422	420.7391	711.071	488.8743	591.3029	421.5919	522.3491	747.5407	1271.688	1228.382	855.5436	846.6405	892.7134	520.1918	805.476	646.3558	798.5585	755.266	381.5915	
CUST_42197_PI429010886	M59663	0.02588794	24	0	270002870	groucho-like protein [Tribolium			3.09E-12	26.66045	38.5262	45.04591	24.93287	22.71218	13.92645	34.47718	18.7288	33.2543	26.65836	14.03213	15.74607	25.74022	26.62387	21.62003	17.93113	36.25597	20.51536	26.01383	26.41198	18.83308	39.12873	24.7708	39.40714	26.82547	34.03238	31.40901	
CUST_13533_PI429010886	N31343	0.02588794	15	0						82.9737	72.52843	84.06095	47.90004	50.31996	58.99377	70.7916	77.8161	62.87718	50.76093	53.15878	55.95026	60.04487	61.53216	72.69874	97.46284	81.91952	93.61951	37.73322	72.93884	47.46968	53.65203	75.28314	71.35187	48.77487	55.20546	68.91312	
CUST_53406_PI429010886	M101573	0.02589480	24	3						34065.02	173.502	30721.41	23892.85	23435.22	28658.52	290.0748	502.3264	380.1186	19635.13	23575.84	23892.85	20099.82	21177.49	29647.7	124.9756	140.8769	222.9426	764.0639	948.407	1054.373	21224.39	7597.158	20968.09	1479.335	2363.552	3907.106	
CUST_56092_PI429010886	M112748	0.02589480	24	15						700.359	1648.551	1036.601	905.9928	523.9454	524.6943	1110.326	1170.327	1242.744	1161.162	659.9573	840.4028	1170.327	858.1052	439.0112	1490.226	1648.551	1484.484	1254.672	896.981	1430.525	971.4356	965.1042	1106.912	1040.528	738.8137	1201.304	
CUST_32065_PI429010886	M3144	0.02589480	24	15						1809.494	2383.479	1941.073	1611.643	1444.129	1541.174	2054.56	2072.212	2110.599	1987.037	1785.094	1640.282	2132.096	1627.485	2012.206	2624.319	2631.802	2893.96	2070.818	2093.838	2330.806	2103.097	2192.968	2384.985	2826.773	2204.749	2930.842	
CUST_39898_PI429010886	M46437	0.02589480	24	3	341650466	Spz1 [Litopenaeus vannamei]			1.42E-73	1213.608	367.4169	1303.295	1800.506	10311.23	7021.693	334.2355	1369.757	344.4852	498.3024	6770.352	6506.137	484.6312	6818.249	6025.479	194.9703	210.1567	177.2393	174.0791	1811.687	216.222	822.6543	816.0394	690.9865	150.2498	2402.724	409.0189	
CUST_40051_PI429010886	M49418	0.02589480	24	3						941.3897	9.695976	839.3829	1059.201	1225.977	1112.702	21.68208	69.64615	71.6009	803.3036	1574.714	1209.443	917.5193	701.0526	1295.587	8.690166	4.792589	10.67065	71.33011	152.1194	136.0437	774.2411	850.8759	1165.385	135.3048	590.0254	776.7493	
CUST_40064_PI429010886	M49636	0.02589480	24	15	37958141	Der f Mal f 6 allergen [Dermatoph	Protein metabolism	Protein folding	5.68E-18	1835.563	4906.082	2698.998	2086.93	1296.153	1394.635	3132.033	3039.361	2541.875	2414.182	1834.729	1680.655	2534.505	2028.877	1699.905	3627.136	4499.92	4445.119	2685.938	2539.976	3336.354	1635.354	2809.488	2129.384	2639.099	2570.156	2464.909	
CUST_48674_PI429010886	M81577	0.02589480	24	15	309099430	elongation factor 2 [Litopenaeus			1.54E-57	3744.093	5227.74	3882.503	3463.912	2998.296	3091.943	5110.752	4922.978	4436.509	3932.655	3087.565	3310.069	3250.257	3847.793	3071.483	5119.273	5456.239	6500.649	4164.365	5144.706	4490.88	3342.747	4045.654	3506.645	3932.655	4392.913	3975.62	
CUST_5490_PI429010886	N18771	0.02589480	24	15	321468122	hypothetical protein DAPPUDRA			2.72E-138	303.5583	336.3654	277.8871	232.9982	214.2511	254.6677	397.7869	283.5676	355.9245	389.7239	233.8809	328.3409	405.7918	197.8872	301.4906	571.8635	334.719	540.7576	416.1276	300.3068	409.0189	309.132	227.6232	350.0691	438.2874	281.4085	394.5922	
CUST_6135_PI429010886	N19674	0.02589480	24	15						163.0857	364.8648	213.853	146.129	245.7379	198.4091	256.4943	247.2393	254.618	211.0148	259.2692	212.8318	206.2187	249.7255	264.0732	314.254	337.294	375.4894	206.2842	256.539	257.956	195.6831	240.1565	280.6399	239.7523	256.6606	265.0552	
CUST_176_PI429010886	N2117	0.02589480	24	3						18522.28	206.2484	18851.7	14670.24	13716.26	15942.89	117.0265	455.9995	215.2207	7450.782	12255.54	10641.47	11246.8	12743.08	21834.29	58.49962	59.85233	111.4237	373.3349	660.4277	505.369	7785.133	5222.203	7610.57	630.5448	2053.392	1693.271	
CUST_20820_PI429010886	N44152	0.02589480	24	21						311.7361	14.0289	310.8187	391.3071	364.8028	373.7341	20.91851	41.38957	12.13039	61.1324	210.3744	184.5342	57.74381	492.5086	437.1787	4.418678	10.03476	9.050014	22.8909	26.13802	19.78972	81.70379	23.2414	68.39317	10.76987	45.2886	10.98917	
CUST_38131_PI429010886	M238318	0.02590488	24	15	260837077	hypothetical protein BRAFLDRAF	Protein metabolism	Proteolysis	1.26E-68	130.69163	21.97261	15.39814	10.63779	27.48203	26.05879	30.7975	32.8057	31.93086	NA	28.74405	15.18659	27.08947	34.32863	28.62655	4.641868	61.83845	43.44652	26.41463	56.32436	56.70374	NA	51.57973	21.20564	5.873033	18.82754	17.43685	
CUST_43113_PI429010886	M62099	0.0259095	21	0	521032549	Serine/threonine-protein kinase			1.17E-13	34.65363	96.16362	78.29555	81.29518	66.40286	62.74684	55.82058	65.32192	66.16604	61.57198	88.34301	85.80718	83.38925	71.0111	55.0054	47.32579	61.45632	56.82896	37.50453	63.89423	65.44741	95.18929	105.7831	97.84796	85.86734	65.49056	74.42622	
CUST_20711_PI429010886	N43915	0.02597969	21	12						6.754089	13.81948	10.04216	6.909134	8.15959	5.354125	4.298981	4.644471	3.821969	NA	8.716574	8.97599	11.97474	NA	8.417136	13.44127	10.51323	6.600616	8.403309	6.075472	10.07945	NA	6.559869	11.02357	5.106576	NA	10.74906	
CUST_15091_PI429010886	N33996	0.02598453	18	0						10.15886	13.28567	9.969471	10.53608	11.0085	6.794495	7.589324	7.008745	9.730417	9.261783	6.180949	6.170982	5.075705	10.51976	6.766809	9.301907	11.61031	9.194171	17.5341	7.697503	10.22653	16.49866	7.743769	9.164016	8.247584	7.340202	12.12705	
CUST_21958_PI429010886	N46157	0.02599517	15	12						68.35388	57.49967	53.64587	65.51653	107.0195	102.2347	53.74306	51.07097	41.12174	49.38313	92.64515	69.80795	57.21256	81.01838	92.92674	93.90326	67.57316	58.16145	57.15552	40.91608	52.53638	39.54209	37.9908	50.78318	47.51371	67.81145	36.25072	
CUST_3965_PI429010886	N15675	0.02600514	24	3	7008007	DD9B [Marsupenaeus japonicus]	Transport	Other	9.74E-14	11052.65	4363.515	6470.198	9226.663	18320.9	19150.48	6032.614	6780.642	4077.152	11206.93	16323.5	18117.06	4650.166	9837.56	12473.12	2050.749	1323.872	1377.595	1315.424	9905.822	988.5868	8215.523	6292.839	7376.103	491.3879	11763.32	2310.632	
CUST_15999_PI429010886	N35483	0.02600514	24	18						1446.549	1999.848	1996.997	1398.823	1035.146	1373.854	1648.551	1505.065	2018.868	1665.146	1341.551	1524.311	1560.774	1346.472	1350.405	2526.145	2146.15	2021.719	2348.232	1563.997	2174.954	2160.965	1767.886	2009.095	2256.232	1776.485	2285.617	
CUST_46654_PI429010886	M73310	0.02601790	15	9						46.42563	27.99322	36.09076	30.96768	33.17685	37.14266	171.722	37.81203	44.7999	58.45199	33.38645	41.59303	44.47158	43.37269	53.84528	39.44924	39.09998	38.45768	46.35836	37.97184	24.68337	43.28585	32.05523	48.54356	70.05016	45.91529	57.93583	
CUST_26300_PI429010886	N54017	0.02602468	12	6						7.035061	28.05953	7.419066	16.7377	7.588295	12.69375	15.17831	14.11506	14.01446	5.826272	9.595961	8.994279	14.11031	7.698781	5.816259	15.77123	13.18897	12.99937	16.68199	25.3148	12.72781	10.49595	3.201759	7.432488	NA		NA	NA
CUST_11565_PI429010886	N28036	0.02605310	15	12						160.0414	176.076	255.571	154.1288	158.8716	117.2637	187.6789	148.4289	230.9439	237.2821	170.1715	279.9265	215.748	211.0451	237.3259	136.1461	244.6993	205.536	150.7849	181.0813	225.7047	181.3844	210.5427	200.3302	206.1048	189.4144	276.8728	
CUST_6609_PI429010886	N20345	0.02605788	21	18						336.3009	409.6221	417.734	307.9283	358.4079	334.719	309.6955	362.9994	406.766	285.6412	552.9475	311.8576	334.5944	344.705	282.2716	354.7453	472.8686	358.6508	467.8312	430.5713	567.1816	335.8125	490.7221	382.4457	419.7244	398.2132	347.3018	
CUST_9038_PI429010886	N23973	0.02606454	15	9						8.958066	6.703525	9.6637	6.197474	NA	4.049533	10.38657	5.267874	6.290529	14.00174	6.013724	10.12695	8.401043	NA	9.767511	12.2785	5.977356	10.40034	NA	4.206868	4.006367	9.254546	7.45936	7.54952	13.68243	4.322242	16.43875	
CUST_2386_PI429010886	N12243	0.02607423	15	3						26.76519	35.4224	41.13599	38.92511	39.33451	26.71901	12.02678	37.45153	34.70595	27.89086	24.90332	27.64345	25.67433	18.53005	19.54026	34.88249	25.64786	20.42404	31.52497	34.19123	56.92501	24.89149	19.99305	16.49344	14.38836	23.775	11.42158	
CUST_1320_PI429010886	N9281	0.02607678	24	15						92.50275	100.4391	110.9089	106.4901	85.81977	101.8276	141.539	132.9353	117.4669	122.0709	125.9513	103.3038	117.0413	84.91891	116.0037	143.3201	127.048	151.3342	110.3861	119.7969	130.3607	98.31087	107.4885	135.3635	100.1016	94.08701	128.645	
CUST_39938_PI429010886	M47077	0.02608151	15	0						37.3361	48.62604	50.58521	14.3798	41.87153	3.781303	12.85763	30.15628	7.760758	8.278081	35.46629	40.14297	8.889617	26.12151	10.23432	36.31991	53.41659	33.42156	24.5939	20.228	28.05953	9.64326	25.78185	23.4592	19.97348	8.550634	21.93688	
CUST_49546_PI429010886	M86957	0.02608995	24	3						145.5507	74.07385	81.4522	210.5853	158.0057	147.5241	133.1475	108.298	58.73466	188.1589	96.24348	166.8948	171.912	145.0834	136.2348	86.26437	80.57468	92.05563	84.22198	86.56193	66.93125	98.93161	97.12878	76.92175	97.39106	124.9411	81.18389	
CUST_9150_PI429010886	N18165	0.02608995	24	18	260811013	hypothetical protein BRAFLDRAF				242.2514	459.3044	369.4099	258.2813	147.6159	222.9112	336.5251	404.1681	338.7418	333.5586	316.9378	378.6955	368.7015	330.2787	327.6721	344.0303	490.8866	456.6987	382.6455	619.8124	499.7039	338.5986	438.8282	424.8821	315.118	416.3476	
CUST_35423_PI429010886	M12535	0.02609564	12	9	383847649	PREDICTED: long-chain fatty acic	Response to stress	Other	6.67E-51	5.336459	15.7122	17.14108	NA		13.18897	6.122717	20.17982	18.08089	20.73675	16.79507	50.03259	9.553409	21.48216	20.12782	14.30855	9.414522	11.11975	14.485	22.27113	20.05879	13.30458	23.48629	19.25145	35.5246	14.99207	10.74906	17.78857	
CUST_26391_PI429010886	N54164	0.02609564	12	3	242006559	serine/threonine-protein phosp	Protein metabolism	Protein folding	8.57E-19	14.01651	22.6466	19.07007	25.02902	20.63759	22.39421	15.73845	21.3055	18.48189	NA	11.21321	20.46288	13.41447	13.78137	14.07796	19.45602	18.39442	24.92085	17.82226	21.3055	14.01914	10.64065	20.1	4.086219	11.90255	16.8636	23.28963	
CUST_41256_PI429010886	M57258	0.02610379	24	0						702.1022	788.3617	966.3163	644.2122	503.9395	536.6512	744.1912	505.6819	638.3206	707.6592	492.5086	508.3099	876.3228	366.556	569.0422	662.3233	579.8505	575.8046	720.2377	491.5182	583.7299	660.4277	597.9185	671.0624	861.7915	585.8731	776.4904	
CUST_52071_PI429010886	M96318	0.02610379	12	0						130.0446	99.64105	117.0564	141.352	106.0382	77.44274	82.82852	72.12484	76.24747	115.5725	75.7397	138.9364	114.7172	96.09055	129.4391	105.6776	90.96558	94.08701	103.5143	82.89284	72.36965	121.4836	87.94793	116.4978	117.1888	83.22682	126.1267	
CUST_5510_PI429010886	N18795	0.02610379	12	0						30.54026	64.62434	61.64797	40.44359	70.90586	39.12873	25.00404	32.15923	34.25718	36.32296	77.07091	32.56737	43.40869	41.69494	43.20383	39.74479	70.58682	57.85506	20.15802	44.76603	21.65945	41.44302	40.3323	49.25556	59.75033	54.68833	79.95529	
CUST_17891_PI429010886	N38779	0.02610379	12	0	157126968	hypothetical protein Aael_AAEL			5.86E-15	30.52605	53.55568	41.27805	44.20101	44.13653	35.17993	24.35366	25.45303	27.90958	36.70398	38.1445	42.78996	45.07581	34.01063	44.25351	22.80766	34.82138	28.5989	33.39856	29.4515	25.28249	59.72208	40.85968	36.12473	62.82646	28.25136	40.49223	
CUST_22810_PI429010886	N47713	0.02610379	12	0						178.1189	209.295	196.8426	243.6336	183.166	152.5349	120.7872	163.211	122.8685	204.1816	166.2655	203.6222	191.9733	145.1992	210.2639	171.4108	205.8558	159.9018	171.7821	150.7246	107.4885	237.4902	158.2018	209.3816	244.3561	201.8882	237.9791	
CUST_32382_PI429010886	M3978	0.02612182	15	0						80.44707	73.03741	118.6869	83.22682	78.79009	85.62565	57.56952	62.21897	42.90092	58.76496	74.32824	52.12177	41.87153	65.54992	75.40109	56.27761	83.6348	64.51088	59.8383	73.98792	54.57944	36.86027	58.84073	49.0355	44.6225	49.48565	52.50511	
CUST_49961_PI429010886	M87935	0.02612386	24	18						16.57137	12.48313	13.25495	13.77306	8.112296	3.82369	16.44171	10.02667	10.5117	6.548842	10.71149	18.69793	7.103758	9.731693	13.85925	9.96829	18.02378	19.36238	16.59434	12.93627	47.42663	20.75357	15.28431	33.26996	10.86311	9.087847	12.24754	
CUST_2708_PI429010886	N12955	0.02613451	24	18	301609527	PREDICTED: ATP-dependent RNA	Signal transduction	Other	4.27E-171	106.6432	113.0417	127.633	98.79304	90.84788	89.41928	86.66046	111.0926	137.8428	141.3865	86.96518	89.53408	142.1948	88.45765	108.6904	127.2978	143.647	178.9277	155.7673	126.2557	153.4348	149.9295	93.3634	135.8001	158.0988	112.3846	167.6755	
CUST_1607_PI429010886	N10222	0.02613785	21	15	321478571	hypothetical protein DAPPUDRA	Transport	Lipid transport	1.11E-164	54.06274	121.6702	46.44259	127.7621	69.49719	122.3466	139.9665	117.123	91.77441	91.00224	122.9044	39.86153	93.09894	172.783	90.48608	237.5415	255.9552	194.8463	146.2889	100.3986	200.7824	55.1065	99.2742	52.61688	160.9745	109.9399	46.26381	
CUST_17398_PI429010886	N37899	0.02614639	18	3						113.636	107.7528	138.5257	179.1302	110.4792	156.394	126.2717	84.6023	103.4142	92.52233	84.88526	110.4792	142.2314	92.71133	120.3426	125.7647	84.63533	113.4417	148.4879	89.04608	111.105	172.9208	122.201	168.7131	149.6459	94.12797	161.7314	
CUST_16842_PI429010886	M36952	0.02615673	21	15	24127364	conserved hypothetical protein			5.24E-32	11.29211	23.21362	20.08859	11.17447	17.89547	6.920102	9.461435	14.66551	12.21076	9.231247	15.60281	18.5866	11.15163	15.69371	16.81757	24.77298	18.42634	20.0084	9.03778	22.30308	16.37588	15.75563	19.37891	12.68701	11.47889	14.88353	14.77073	
CUST_23975_PI429010886	N49805	0.02616668	21	0						408.3889	494.9456	474.9425	356.2511	343.2592	346.1134	233.3746	342.1248	333

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_41444_PI429010886	M57745	0.026485669	24	15						6567.976	13658.74	7983.519	6601.274	6249.252	6864.217	11552.67	14285.49	11572.84	8269.17	7474.416	5939.375	7260.089	8619.889	6079.326	13685.2	14703.33	14764.65	9855.129	12473.12	11289.6	6551.409	9889.351	7832.882	9684.529	10374.24	8565.196
CUST_5181_PI429010886	N18366	0.026485669	24	15	324604902	heat shock protein 40 [Marsupe	Response to stress	Other	5.63E-159	1344.214	2149.415	1902.67	1569.464	1249.272	1105.917	2095.253	1869.564	2049.491	1925.502	1377.009	1611.643	1629.282	1300.047	1563.997	2355.337	2514.613	2954.482	1875.312	1808.449	2143.564	1721.8	1844.624	2146.15	2080.932	1654.651	2348.232
CUST_8835_PI429010886	N23669	0.026485669	24	15	527260190	PREDICTED: probable global trar			6.1E-82	88.84654	156.8946	162.2343	85.52485	77.62481	84.50226	155.6009	133.5304	123.4349	132.1609	93.76286	103.5895	135.397	106.6009	106.0251	168.9985	183.5082	177.05	147.3791	57.32732	156.1618	159.7252	91.17437	142.9786	186.4176	137.0769	178.3071
CUST_9582_PI429010886	N24872	0.026485669	24	15	225718806	inositol monophosphatase 3 [Ca	Metabolic process	Lipid metabolic process	9.03E-43	32.59222	44.25991	30.0974	33.82054	23.57416	29.14227	39.30986	49.36855	41.00754	44.75431	32.50547	42.61451	39.49765	28.482	32.91165	93.60566	49.54311	58.81575	53.56818	28.46437	47.60041	53.43212	33.85619	43.85961	55.16243	32.5989	34.79855
CUST_386_PI429010886	N4766	0.026485669	24	3						4055.849	85.57553	3571.414	4398.359	2767.762	3614.192	164.0887	108.6386	149.6035	2534.505	2354.096	3151.384	2491.674	2354.096	3627.136	31.07888	94.24227	132.952	286.745	275.7417	236.013	3253.191	1266.211	3060.056	241.668	669.1662	734.2136
CUST_30363_PI429010886	N61719	0.026485669	24	15						7.477063	8.620448	6.939412	5.74117	4.482304	7.007853	12.8517	10.31498	13.06086	13.96378	8.972832	5.138058	18.27355	8.484214	10.70504	28.23949	7.121664	27.31402	13.86405	8.254274	11.66013	22.71736	8.77847	13.97284	11.74586	8.679248	11.70489
CUST_41789_PI429010886	M58560	0.026496428	18	0						40.88884	55.63371	51.52222	41.42074	41.18704	41.91606	42.25942	53.8516	38.64548	33.63302	36.03727	23.19056	44.11057	35.59076	35.17993	32.17634	79.64838	48.85342	52.53211	55.12067	50.76484	29.58249	61.18015	43.34384	36.828	65.95317	42.83292
CUST_40612_PI429010886	M55641	0.026500338	24	15						491.5182	475.3372	553.1321	514.6065	369.9026	445.9579	530.4682	437.7611	565.0242	651.7291	380.1186	558.9714	527.7959	446.3323	561.8923	762.6542	595.0044	651.0737	640.002	472.6199	655.4746	791.3056	625.2657	688.2575	673.7135	422.5065	629.0343
CUST_45437_PI429010886	M69100	0.026500338	24	15						42.12383	31.70729	36.86782	26.61351	22.2879	33.90697	31.90671	32.15355	25.43515	45.13797	24.76219	32.62695	47.87448	46.17834	42.38836	60.60253	32.34328	51.18755	42.86666	19.62318	39.49765	66.96376	38.51685	51.10469	48.44449	27.18917	46.59051
CUST_2162_PI429010886	N11728	0.026502109	24	0						13.4565	77.6897	51.75972	27.13842	44.66993	13.52973	16.78356	18.29498	25.06319	6.678572	13.19145	8.06529	35.95603	17.63971	28.42064	26.87469	31.91659	20.25567	9.783945	55.65083	23.3163	22.50572	38.25885	30.8995	17.88521	68.99631	40.84161
CUST_1943_PI429010886	N11132	0.026511782	24	18	517053444	aldehyde-activating protein [Rhi	Metabolic process	Other	5.79E-13	61.21971	41.29878	66.45173	127.5275	50.26983	120.964	69.18571	62.86957	92.48145	80.1827	51.89343	97.84796	56.62456	69.06046	74.73696	82.7532	112.6387	116.4262	146.3562	207.209	352.8944	73.78491	157.519	98.82385	100.7618	146.3133	168.3482
CUST_19353_PI429010886	N41436	0.026511782	24	18						23379.75	20382.6	19150.48	17453.24	12725.99	13503.69	27073.29	21524.84	25463.11	18435.82	17265.38	18579.76	18802.8	12963.97	18273.52	21710.8	15435.13	28306.31	29843.45	23892.85	27210.5	22526.09	23273.41	22401.51	27918.92	21334.13	29037.53
CUST_25694_PI429010886	N52894	0.026511782	24	21						168.3685	224.8574	229.9746	186.6982	196.4414	193.2061	159.1322	205.5639	274.2134	182.1852	199.8689	141.9808	191.0167	160.0636	175.0698	202.1456	233.3271	246.6369	240.2302	180.0167	191.1071	313.5422	249.4346	268.5828	213.4477	177.6455	168.8172
CUST_36174_PI429010886	M14881	0.026523966	24	0	321477139	hypothetical protein DAPPUDRA			8.34E-60	88.24057	157.2283	123.305	112.1849	102.7974	65.30254	150.4929	98.4933	114.5038	91.43014	93.79597	77.99973	67.9004	70.86476	67.12887	81.6931	194.1916	123.5992	89.65818	85.62565	110.145	71.3852	92.68642	93.89302	117.9281	106.0103	115.1151
CUST_30168_PI429010886	N61313	0.026523966	24	0						36.81564	35.57524	31.51924	26.56947	25.34024	22.43407	31.70729	32.28165	31.47936	32.91482	22.47011	24.6637	30.48373	16.56014	16.69103	20.02415	30.8222	27.98453	38.66341	24.24843	22.67515	36.18627	30.445	22.95294	37.20362	28.8864	32.62695
CUST_1201_PI429010886	N8817	0.026531103	21	0						27.63116	20.66717	34.95791	32.38938	15.57566	18.56908	15.56937	10.27771	7.167718	29.43236	NA		15.41425	25.42657	11.39401	18.13981	15.02383	15.81411	14.03865	16.45591	9.138593	7.923398	29.12055	20.6613	24.72767	17.30627	16.07445	17.17357
CUST_12578_PI429010886	N29688	0.026539305	12	0						474.4729	588.3344	497.6488	484.4076	447.1876	387.3552	359.8294	442.8695	493.0213	480.8108	440.4343	543.8441	502.5054	403.2127	513.5436	398.3951	547.0285	452.3252	413.108	491.0486	413.9053	506.3774	542.9066	505.9666	607.6204	577.1013	691.6444
CUST_35941_PI429010886	M40035	0.026556494	18	9						38.27962	96.14621	57.20137	57.88315	55.12067	44.98933	66.38011	46.68552	81.48573	108.0057	58.41256	92.53323	54.42434	50.78418	60.28885	46.52866	53.28421	47.94598	56.8797	41.06867	51.27875	44.12079	39.08397	60.18712	93.40175	54.09366
CUST_40036_PI429010886	M49021	0.026584738	24	15	460838092	strongly chitin-binding protein-1			4.79E-24	544.9477	90.10723	374.9091	1593.454	1687.05	6809.382	105.3328	642.7419	81.79336	216.4068	10035.81	13446.51	66.52473	2396.137	23324.95	38.43848	50.62088	97.95973	54.13743	332.484	46.45178	78.62482	56.62456	72.29788	67.04107	341.2447	34.90937
CUST_9872_PI429010886	N25331	0.026584738	24	15						55.94132	45.59558	57.65509	51.73914	38.21742	52.10554	49.59199	40.70056	43.32608	72.84435	40.36492	49.49937	67.42662	50.77623	48.48882	64.00415	64.48863	61.79558	62.84262	68.28737	50.94578	54.36391	50.00334	54.66218	77.19972	45.60384	59.60644
CUST_24896_PI429010886	N51438	0.026584738	24	15						272.3888	308.5661	339.6934	315.6961	270.3715	311.1315	292.4745	302.8616	285.9469	393.358	268.6423	340.6386	337.4051	265.7303	331.5852	468.0876	332.484	396.3607	329.3762	310.7267	332.4145	394.9633	360.6127	399.0879	386.528	305.5795	302.6134
CUST_28040_PI429010886	N57161	0.026584738	24	18						129.5035	173.8666	179.9884	179.9884	151.0262	60.4258	182.8221	204.4319	302.274	170.1972	116.5333	109.2539	276.7645	215.2938	72.70716	102.3466	113.4282	70.55138	390.4253	462.3981	570.7447	208.3375	372.2167	365.0376	250.35	281.628	474.0818
CUST_54121_PI429010886	M104672	0.026604738	12	9						7.475842 NA		9.433632	4.909031	6.743875 NA		6.528927	6.150357	7.005696 NA		9.07114	6.885855	10.68195	10.85858	13.1174	4.948724	7.99047	4.999505	4.398827	9.856067	9.065482	12.60763	11.68418	11.883	6.327133	6.488336	9.917631
CUST_24458_PI429010886	N50663	0.026620049	18	0	321471668	hypothetical protein DAPPUDRA	Metabolic process	Other	1.79E-24	NA	13.34397	21.42827	8.947221	11.62846	3.595963	3.797497	14.17513	17.11411	13.33001	8.236488	4.662551	10.70504	8.960965	6.167326	11.39401	18.83308	11.93346	16.56735	18.05364	16.78485	10.86311	15.93087	8.526821	9.752082	6.445408	11.61456
CUST_7489_PI429010886	N21620	0.026622422	21	9						29.34349	23.60134	26.346	26.44427	18.24052	28.51774	23.44477	27.26144	28.11335	41.11802	35.95603	46.80566	36.86027	18.59557	37.7689	33.35975	16.15698	27.78158	43.93928	21.18195	33.19846	27.83932	26.91338	28.43101	26.34871	20.38623	19.7414
CUST_711_PI429010886	N6883	0.026622422	21	9	321472705	hypothetical protein DAPPUDRA			1.27E-26	2920.075	4207.659	527.6644	2539.976	15340.52	10746.95	8309.047	7731.941	4419.639	3289.37	10109.9	13906.34	2620.241	6410.91	6143.541	9301.136	6060.248	7872.926	5284.133	4976.553	3875.533	639.8078	5514.378	1133.812	1946.675	9712.243	370.6325
CUST_8799_PI429010886	N23610	0.026630088	15	9						148.3156	179.7279	174.8981	173.8666	124.0944	122.51	219.4299	269.7799	202.7406	250.8083	276.7278	315.3455	187.0768	222.9112	88.4798	230.9439	223.4224	277.8871	165.4776	262.4813	176.5842	328.6973	218.0736	243.2848	243.3699	218.6368	266.1484
CUST_34605_PI429010886	M10132	0.026640198	18	9						11.44626	9.675629	8.978286	20.49356	43.26321	30.29561	3.27802	16.70829	16.0427	30.68002	30.39689	41.23754	30.72686	48.99934	34.82911	4.940424	7.731345	3.216138	12.11309	15.77285	11.84866	30.40072	35.78012	23.89372	15.11819	12.92506	22.16839
CUST_45042_PI429010886	M67826	0.026647215	24	21						136.0737	338.6752	274.8211	201.9478	176.8599	81.14024	236.5827	233.8809	318.9156	236.5379	253.8613	188.991	289.8261	138.2736	173.8872	201.7698	356.5119	292.7159	207.1201	216.3545	342.7829	403.1106	427.391	483.3359	292.7676	297.0848	626.8237
CUST_14864_PI429010886	N33595	0.026647215	24	21						111.4946	93.94191	70.96595	101.9053	68.33012	70.69946	86.71039	80.8714	95.55779	105.9717	64.57877	80.85368	96.45691	70.56233	83.56745	96.85513	97.95973	103.914	112.5405	98.2692	85.76428	105.3966	105.1035	125.0613	104.0803	67.11217	116.4978
CUST_19462_PI429010886	N41623	0.026647215	24	18						63.17902	78.81049	94.26006	49.87102	49.58225	51.8805	36.46097	67.61972	74.56881	62.2112	78.36365	71.18104	59.52846	55.95026	67.35825	116.4413	87.26779	96.57151	104.3593	56.33633	98.55805	95.45574	72.66933	96.74886	110.1773	74.28032	113.3476
CUST_50933_PI429010886	M91499	0.026713361	21	3						13.07958	17.0028	10.66953	20.39286	34.28288	30.12082	22.4807	28.45904	7.471944	7.221527	23.20614	15.5722	21.04513	22.31213	12.39501	10.07727	10.83359	17.57495	8.266276	18.86536	12.86584	22.24905	26.79132	14.26605	23.41694	15.03281	18.97529
CUST_18177_PI429010886	N39293	0.026715498	12	0	321478408	hypothetical protein DAPPUDRA	Transport	Ion transport	1.4E-29	26.32557	18.74591	16.83843	21.86479	17.41463	15.74083	19.14033	13.74764	11.68791	27.65783	16.73028	21.76426	28.44753	13.85771	20.33173	17.6134	23.19965	16.91535	17.75016	12.37965	8.620448	27.31407	17.80604	25.40663	29.12719	29.04788	24.24247
CUST_20144_PI429010886	N42884	0.026715498	15	12	498937483	PREDICTED: transmembrane prc			1.12E-26	85.65293	79.68621	94.17512	85.86734	60.20446	66.66302	33.64664	88.80408	78.80045	100.159	83.88489	83.9852	88.85544	86.1454	77.50089	97.85715	71.48244	88.16698	68.50135	76.51051	68.74828	99.61307	81.10019	77.3983	85.73084	101.4339	85.03859
CUST_1771_PI429010886	N10661	0.026723554	24	3	155966149	hypothetical protein [Lepeophth			5.25E-09	6368.381	41.05749	5202.819	617.1545	8215.523	7364.792	15.46972	452.4209	12.96173	145.1105	5833.315	7546.585	47.22395	3601.999	450.213	4.104203	NA	23.55653	9.76843	207.5176	NA	540.9263	54.54563	230.2951	NA	367.4169	NA
CUST_26273_PI429010886	N53951	0.026724036	21	15						31.32591	34.88898	52.93138	41.14081	26.50821	35.12713	55.49774	37.16734	35.15355	53.90894	34.34753	34.64509	37.70788	39.80982	36.57306	52.05686	49.04219	51.90159	35.70122	33.92168	45.1102	46.44259	33.89152	32.34036	44.92669	34.51373	36.94243
CUST_53946_PI429010886	M103819	0.026725335	24	15						10408.52	11289.6	9629.338	8802.072	6210.057	7937.877	11859.41	9759.347	10795.65	10506.53	6551.409	7993.785	8929.115	7248.769	7886.969	13837.12	11881.91	14189.5	10532.72	11859.41	12141.91	7928.164	7270.382	9819.956	10035.81	9837.56	11076.77
CUST_29513_PI429010886	N60018	0.026725335	24	9						29.38152	62.7534	49.14925	26.80971	44.57504	38.51205	73.12505	38.25885	74.63073	119.7806	37.28898	76.77599	34.23772	79.72468	32.03079	35.57524	66.9011	55.01217	93.73127	29.31303	74.03602	19.04999	28.58081	23.35468	45.16793	22.94786	40.634
CUST_21133_PI429010886	N44686	0.026728666	24	3						23.5268	7.725643	12.02167	25.02074	17.4695	17.70936	5.025274	3.130941	18.89169	8.841399	12.64908 NA		15.93653	10.19561	15.5366	5.267179 NA		5.228125	7.323301 NA		4.801909	9.05285	5.817195	10.87768 NA		6.64876	18.07496
CUST_50150_PI429010886	M88826	0.026753985	24	6						102.5682	41.31086	72.15056	35.01636	105.4599	32.04908	106.4444	79.54469	82.9019	12.18717	67.78024	73.3346	50.96545	75.82447	72.5607	71.47305	51.46015	70.14984	40.50202	48.12738	22.88864	41.21274	69.99598	28.25136	41.04596	60.66586	28.8864
CUST_34905_PI429010886	M11040	0.026783261	24	15						235.9714	278.8807	239.2973	220.6244	209.666	227.1085	292.0796	299.5341	295.0388	293.3331	227.9494	275.1168	310.4343	217.3409	276.0746	314.0471	281.1928	336.6041	272.7898	253.6738	329.3762	266.7409	275.293	386.8087	272.901	238.0667	346.5231
CUST_31576_PI429010886	M1883	0.026783261	24	3						561.5074	26.1748	559.4339	327.9636	1166.063	985.8154	30.82525	65.78378	40.6742	144.7781	496.3451	533.3565	148.3567	667.4336	866.8631	26.05349	21.21527	29.05862	54.40508	159.7718	33.85231	213.1759	135.2901	171.436	55.42058	134.2508	100.4643
CUST_34190_PI429010886	M9009	0.026783261	24	15						888.236	1352.068	1064.673	915.0007	829.1725	820.3087	1092.1	1161.162	1090.482	1171.1	901.0046	768.539	1103.734	897.3252	926.6453	1191.479	1373.039	1286.33	1075.462	985.4686	1113.188	925.9054	1120.742	959.3506	1143.807	940.7158	1273.67
CUST_1759_PI429010886	N10625	0.026783261	24	15	312190935	HMGBa [Litopenaeus vannamei]	Developmental process	Multicellular organismal development	2.89E-65	432.0096	1253.031	683.6777	494.3291	389.053	397.9279	971.9693	947.0352	808.5577	721.1898	450.8164	647.5505	563.4896	495.9709	304.4188	826.745	1474.205	1363.959	760.3938	774.7662	707.6592	583.0039	470.2656	690.0542	593.171	776.9293	565.9653
CUST_7701_PI429010886	N21946	0.026783261	24	15						307.4677	404.7001	347.4772	359.587	261.8722	279.8938	478.4126	341.4287	419.8124	439.3042	266.0382	361.4833	468.7122	265.8681	306.4312	567.7111	534.593	550.2129	398.3951	316.0187	428.1289	448.9533	314.0471	475.3372	492.0502	302.9304	453.3141
CUST_8240_PI429010886	N22760	0.026783261	24	15						76.27282	165.4776	132.7723	69.98305	70.1867	74.31745	111.9766	101.7744	123.5591	142.1426	105.4796	76.81667	118.8951	75.43954	104.7861	126.0081	169.022	145.9095	116.9965	98.43645	139.4798	93.89302	118.0401	116.1322	165.2368	84.93839	142.7074
CUST_25292_PI429010886	N52134	0.026783261	24	3						176.1473	150.5356	208.941	224.1479	604.5265	348.1933	87.64548	166.0161	125.5691	71.0111	423.6	442.3593	108.6527	661.1838	859.7804	82.66079	116.0138	104.661	134.4815	158.6925	152.4946	103.6461	159.2248	136.9272	118.5289	159.9313	194.5138
CUST_21385_PI429010886	N45125	0.026789996	15	12						80.29411	100.3377	104.7345	65.89531	66.03803	51.02011	75.22137	82.66079	70.15908	76.92175	106.3722	83.28215	84.89672	75.17439	98.73078	87.99932	68.31562	82.46867	83.77516	55.6648	58.50483	113.3335	83.08821	83.59991	93.50035	68.25591	107.332
CUST_43661_PI429010886	M63619	0.02679513	24	3						21.39999	17.37069	15.07604	43.8213	79.62038	47.59455	21.1933	25.05351	19.81371	19.00538	84.9077	81.14024	13.59581	32.24239	44.97817	18.89628	8.664483	41.12558	14.61747	18.11723	13.82768	26.22609	30.67074	18.77059	17.02579	43.09613	14.80676
CUST_49357_PI429010886	M85345	0.026812405	21	3						25.0865	24.03275	24.31913	26.85225	26.65508	34.03238	25.46423	25.35027	30.0974	21.0164	28.68225	42.69638	16.82471	26.28128	30.98378	32.58198	23.82619	24.6974	19.96659	20.42065	20.228	32.58484	26.49338	26.59448	30.63139	24.89861	34.22563
CUST_34484_PI429010886	M9904	0.026827038	15	0						NA	25.83025	15.60447	6.989686	18.48559	14.40825 NA		3.735831	4.37985 NA		7.500782 NA		8.83279	12.18283	8.049997	17.40415	18.59972	17.72529	9.236754	17.54872	23.82334 NA		5.526054	12.75883	14.06607	19.55278	24.25636
CUST_34542_PI429010886	M9921	0.026833121	21	3	242011856	zinc metalloproteinase, putative	Protein metabolism	Proteolysis	1.9E-29	5.646869	7.016205	36.43974	18.1064	36.8949	45.22389	15.25101	26.69299	43.37643 NA		21.85917	20.64919 NA		20.85079	15.84358 NA		7.114823	6.729426	5.856967	15.34413	5.548779	5.821699	23.98405	12.62448	18.56945
CUST_2919_PI429010886	N13389	0.026836126	21	0	13898841	CUB-serine protease [Panulirus	Protein metabolism	Proteolysis	6.53E-42	24.64222	41.45022	41.42074	22.97677	65.49568	41.05749	16.65693	21.27281	20.66527	12.66822	29.58249	20.7271	10.25993	16.63618	10.01207	31.62493	41.32287	15.34413	17.66267	4.947558	7.94894	25.57669	32.58198	27.17222	12.56899	46.14458	16.3775
CUST_41529_PI429010886	M57964	0.02687384	15	12	13898841	CUB-serine protease [Panulirus	Protein metabolism	Proteolysis	1.4E-32	44.34431	18.09671	68.08811	16.21562	34.75367	14.6635	18.77257	66.2054	46.11508 NA		14.48824 NA		44.55279	173.9289	169.8371	20.51536	85.23471	6.638928	21.60514	19.47577	15.10953	59.65828	16.76975	57.33715	74.25196	140.8575	45.19064
CUST_44701_PI429010886	M66722	0.026887076	24	9						46.56066	15.25101	24.3283	55.24742	298.439	133.3192	27.58489	45.94658	25.60678	14.22653	303.5583	321.9997	11.28257	362.195	368.7015	55.19052	28.72917	19.40949	9.949274	35.47927	7.932927	13.9779	18.74814	8.604047 NA		27.48515 NA	
CUST_2993_PI429010886	N13563	0.026906019	21	15						31.36919	27.0512	32.00302	20.45768	13.00824	17.14363	24.4823	34.18125	41.7466	18.58143	9.445121	21.9474	16.90621	34.21691	26.40151	26.99058	35.99566	44.20101	23.49891	29.4935	28.27048	26.40151	21.22638	15.00684	12.46756	22.07863	26.85225
CUST_1029_PI429010886	N8272	0.026906019	18	12						130.8641	144.9581	156.436	138.4795	167.2859	143.2259	74.25196	94.3568	74.97441	157.847	178.0895	128.4222	154.8735	150.7719	244.0894	189.2001	161.3784	142.7301	121.6162	145.7157	112.0451	215.0483	88.76092	191.2458	106.5406	121.1493	143.3502
CUST_8806_PI429010886	N23620	0.026919929	15	0	225711148	RNA-binding motif protein, X-lin			5.18E-53	NA	19.85896	10.64209	10.29813 NA		NA	17.10224	7.356172	8.874019	10.18184	8.897639	12.3595	22.79012	8.781043	15.45607	11.99747	13.3386	21.14901	6.540338	18.66159	10.76077	8.413648	4.860603	8.160789	20.50277	10.55727	10.42314
CUST_44130_PI429010886	M65029	0.026968266	24	18	307202295	Segmentation protein cap'n'coll			0.000000343	232.4494	188.9335	254.714	201.2	182.6769	174.2207	284.9168	198.257	244.1747	259.3611	156.5986	247.9236	298.135	183.0375	285.5358	399.349	221.3068	341.8735	347.9094	206.8689	342.6821	294.5533	224.9241	294.6196	364.8648	196.581	345.0411
CUST_16134_PI429010886	N35714	0.026968266	24	15						47.54035	40.27208	36.99237	28.70137	36.54404	37.34538	35.41196	36.68361	37.35922	48.63014	47.9867	50.29492	58.43105	31.13895	55.55019	54.07225	49.28164	51.44911	43.90368	38.7574	49.53863	49.84168	43.26321	59.59948	57.21256	48.80246	59.25391
CUST_25097_PI429010886	N51778	0.026968266	24	15						79.15396	68.07757	80.10622	58.10634	66.33276	75.92637	67.65721	55.17588	80.25802	60.4258	52.43098	84.2314	66.86503	80.71612	68.52496	119.5167	85.56504	130.4451	64.14599	74.40311	96.66958	84.21664	76.36789	97.55312	87.80111	67.41761	94.99849
CUST_14965_PI429010886	N33770	0.027020883	18	15						13.09661	35.90062 NA		18.47386	8.754634	12.45866	29.56314	30.64441	14.26774	26.16822	31.08965	10.44315	20.28589	15.85451	19.6075	45.07182	52.32559	29.9433	18.24693	13.16859	27.55104	16.97405	11.59928	14.82784	35.70122	18.29235	9.137298
CUST_30962_PI429010886	M325	0.027047327	21	15	546684812	hypothetical protein D910_1167				764.7593	1153.859	631.4625	798.0084	601.5188	613.0157	1239.086	1025.404	1024.289	777.6219	687.2962	819.7622	985.0577	793.634	761.5417	1168.934	1186.54	922.1615	1051.228	870.6321	1020.366	562.7989	895.1277	725.3859	850.4847	739.59	625.2657
CUST_47919_PI429010886	M78156	0.027047985	24	3	328710859	PREDICTED: zinc finger protein 9			1.48E-12	22.12571	26.92758	37.13496	37.84952	45.19064	36.75099	19.90569	22.97455	22.54559	17.67622	31.62985	30.55784	18.79354	31.28585	33.22428	12.19014	26.10756	17.96997	8.147248	23.72974	21.98453	31.82049	18.1802	26.43885	15.84205	29.96518	17.05142	
CUST_30554_PI429010886	N62116	0.027047985	24	3						48.81332	34.67259	40.87561	38.48209	49.65645	37.78456	39.47125	22.71736	24.7753	49.014	27.94793	40.29385	40.46451	24.42377	36.29792	19.58546	30.57632	23.61225	26.91338	26.12368	26.69299	13.6965	40.55768	24.93768	25.46041	33.67688	29.63277	33.13955
CUST_172_PI429010886	N2087	0.027058086	21	15	83025062	uncharacterized protein LOC641	Protein metabolism	Proteolysis	1.14E-41	145.6616	91.75455	74.29925	202.1125	32.28459	157.9135	514.4981	175.3842	427.9123	593.5138	382.4457	58.30071	262.1281	233.6818	131.6618	928.2282	364.2801	834.0907	238.8661	562.954	678.9908	289.3393	37.01072	141.8167	638.1559	173.6159	213.6621
CUST_32907_PI429010886	N37168	0.027060288	21	15	345479823	PREDICTED: dual specificity

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_32440_PI429010886	M4127	0.027378444	24	3	332019345	Protein unc-79-like protein [Acro			2.23E-11	177.6996	37.17924	134.1449	172.7187	326.6163	261.3674	78.91149	20.28829	34.23772	66.51317	229.203	184.4435	83.93495	157.8871	237.366	12.65302	43.40869	21.56906	46.6272	24.85808	25.11505	161.4506	33.37054	107.6658	67.17926	41.99895	24.59592
CUST_40705_PI429010886	M55901	0.02738537	24	18						26.9514	44.44554	42.91838	21.09601	31.24606	19.55478	34.05393	29.40507	28.13712	36.01668	27.63333	7.282372	32.15355	28.68485	34.40862	41.8114	42.02831	34.90142	40.36855	30.60724	42.03616	36.62239	30.41385	34.78378	38.87535	30.31994	41.57252
CUST_46874_PI429010886	M17125	0.02740219	12	3						19.54026	25.31201	29.45563	19.86079	23.08008	22.47797	6.842059	20.94698	18.58143	18.68765	17.83378	14.71359	20.24228	18.63942	11.39292	15.99496	27.64345	23.20404	19.76134	9.488162	21.52625	19.00748	4.76991	13.52317	21.59674	11.64898	12.52529
CUST_6147_PI429010886	N19690	0.02740145	12	0						12.37796	19.09216	NA		59.92793	9.013796	50.50655	6.848153	8.285959	5.523343	NA		10.97416	12.46071	13.00116	13.56629	9.83045	5.714052	6.589271	7.326504	6.46829	8.326096	5.363914	24.66557	8.080815	7.860942	16.38834	42.59404	6.669932
CUST_50345_PI429010886	M89523	0.02742812	21	3						24.37029	15.17671	21.89919	31.95741	32.47615	33.13955	30.86801	22.72787	31.34548	33.1947	32.15355	25.60467	22.97146	13.47951	23.16703	23.14239	21.618	30.52605	26.63911	39.94687	25.98517	38.58331	27.32756	26.91338	42.83292	27.88813	30.01855
CUST_36151_PI429010886	M14811	0.02743758	18	15			Metabolic process	Carbohydrate metabolic process		2022.811	690.9865	1310.327	1182.042	481.7121	444.9419	1961.653	2211.381	1969.061	2765.552	950.4596	786.1643	2559.917	1530.86	955.1294	3735.581	1512.062	3232.565	1785.094	2611.542	3739.191	1316.174	107.9064	1022.285	2839.956	536.1823	1862.343
CUST_52771_PI429010886	M98850	0.02743758	18	15	440633267	elongation factor 1-alpha [Pseuc			2.96E-31	26987.8	43090.8	27210.5	27273.84	28561.19	29396.88	39875.67	41610.17	37932.98	32639.19	30965.56	19679.49	35862.04	30577.23	33176.01	43701.56	44285.99	39389.41	36406.05	39713.59	41095.52	26803.66	25130.01	30965.56	32454.44	36406.05	34757.71
CUST_315_PI429010886	N3821	0.02743758	18	3	332373608	unknown [Dendroctonus ponde			4.77E-93	3390.028	1889.404	3379.597	4508.46	4841.865	4777.94	2425.524	2228.732	2294.993	3460.858	4258.14	4531.71	4825.163	3538.483	1891.416	2736.432	2345.461	1903.836	3020.109	2189.919	2992.811	4090.127	3843.133	4746.115	2846.594	3093.621	3781.313
CUST_47532_PI429010886	M76496	0.02747419	18	3						19.44173	4.552954	9.295776	22.00011	8.960965	9.164016	NA		8.130511	6.609031	NA	NA	13.04163	NA	NA	4.246131	5.3662	3.512764	53.17689	14.6763	17.60139	71.52252	15.41579	31.47936	15.92717	7.333794	8.996542
CUST_35613_PI429010886	M13021	0.02747818	109	18						114.6414	167.564	NA		98.54648	NA		112.3846	206.9345	121.9689	140.662	70.86476	63.74337	NA		100.5213	194.5455	99.48565	449.4542	213.7437	201.8882	185.5286	28.81777	183.9367	NA		244.9453	NA		84.21664	90.45329	NA
CUST_188_PI429010886	N2218	0.02747858	18	3	407408426	hypothetical protein MOQ_0042			0.000000495	31289.71	5110.752	43701.56	54162.9	25343.01	36043.3	10408.52	12921.27	20762.38	51875.49	42900.93	31108.81	56377.06	26987.8	53773.55	2153.531	1288.693	2381.656	24721.57	22401.51	32064.51	56377.06	56377.06	65558.65	34486.72	39540.76	59861.19
CUST_13119_PI429010886	N30605	0.02749437	24	18						14.38486	28.20414	30.41006	25.64786	18.81696	15.68096	21.40753	31.40901	40.56201	20.44056	19.11201	21.22638	22.22171	27.44734	22.1273	20.4296	28.49433	27.56835	44.54779	28.2373	32.3737	27.08947	36.38383	31.6869	28.6389	48.22265	32.24239
CUST_44188_PI429010886	M65207	0.02749536	24	21						10.18635	21.14216	22.49316	185.6848	131.4002	4.9725	14.60762	11.12212	43.71813	6.197474	23.39604	11.4924	77.15711	37.92348	19.16283	16.15902	63.93775	NA		117.4337	84.01764	47.98232	232.1999	100.2386	118.5461	144.495	8.737286	137.6198
CUST_8966_PI429010886	N23865	0.02749538	24	9						58.5159	51.44117	35.27964	72.06126	280.4189	129.6027	87.74995	93.49221	67.92426	62.40045	121.0405	146.1149	53.21955	133.5489	119.329	17.80167	114.4742	87.94793	57.35316	129.7968	146.8681	56.09226	25.21391	72.20099	50.56675	39.64543	49.81991
CUST_29952_PI429010886	N60877	0.02749538	24	15						30.96219	24.98919	26.9514	29.70619	22.84192	38.55172	35.3444	27.58489	30.42641	38.42178	28.56322	45.57662	21.24956	32.20511	29.7549	42.58344	215.6896	31.88942	31.20114	28.3301	31.84126	37.82506	40.77521	37.53076	26.99058	27.86499	22.09536
CUST_12817_PI429010886	N30097	0.02750026	24	6	260795348	hypothetical protein BRAFLDRAFT	Transport	Transmembrane transport	4.15E-20	25.76307	64.9627	46.64691	32.88452	59.64058	41.58423	67.96481	107.1994	92.2128	43.03704	43.54271	58.79928	48.04838	51.86945	62.11789	33.64233	55.17588	53.33823	12.89633	72.72426	34.82138	43.19018	38.3287	26.68249	35.39191	32.19938	43.28077
CUST_19560_PI429010886	N41779	0.02750151	21	6						28.60396	6.741612	29.89832	41.80345	54.35078	43.04426	70.89953	75.24855	48.37004	59.41357	25.90662	48.47854	76.8759	20.14368	50.46482	32.10702	32.02255	66.22878	64.63944	60.47355	49.18092	9.612207	38.20339	31.03967	21.618	46.48748	56.24698
CUST_8756_PI429010886	N23540	0.02751521	24	18	189240635	PREDICTED: similar to AGAP009	Transport	Other	1.39E-24	1124.051	1473.47	1598.489	752.85	625.077	667.4336	1173.346	1304.861	1643.622	1125.5	874.1945	1034.581	952.9844	624.4152	1144.859	1444.129	727.4839	1397.328	1908.561	1594.029	2319.232	1436.914	1404.214	1314.02	1853.898	757.3112	1941.073
CUST_13094_PI429010886	N30563	0.02751521	24	12						123.2322	158.8387	86.15945	110.8634	206.6626	186.0269	149.047	135.1939	148.0023	85.90563	180.7516	188.3607	176.1711	288.117	304.6294	151.4448	149.4086	134.3166	134.4487	154.757	216.7919	76.49879	176.1711	91.41914	116.7758	128.3485	120.6269
CUST_9318_PI429010886	N24443	0.02751583	12	0						175.7096	325.4289	308.2378	212.4427	110.7326	100.3016	134.3166	120.3588	167.4883	214.6479	109.8814	157.386	272.0606	223.982	386.2259	113.6093	188.8125	497.1276	132.4149	105.5941	185.5629	345.0411	202.8062	371.7268	153.502	224.5463	298.439
CUST_43105_PI429010886	M62076	0.02755136	15	6						10.78644	50.4892	43.90368	11.53968	14.76753	4.285382	70.88457	43.86283	76.77599	25.09267	15.58166	12.3901	9.098207	NA		10.02667	NA		24.29464	4.376483	61.84336	44.46024	89.47762	33.53246	37.59004	52.75604	9.996662	37.83455	31.10352
CUST_16805_PI429010886	N36899	0.02755735	24	21						860.9694	1127.686	1263.923	1111.297	1038.012	739.0418	1293.42	812.4851	1305.464	1084.272	834.3772	1074.53	964.2235	857.4356	638.1559	1257.92	1090.482	1336.583	1078.02	745.5832	896.2629	1356.303	1480.103	1757.509	1568.389	909.1828	1515.59
CUST_14259_PI429010886	N32590	0.02756495	12	3	194717998	single IB domain protein [Litope	Cellular Process	Cell growth	0.000000308	67.00003	125.3097	8.15959	192.0736	8.250802	169.4819	113.4282	73.48645	82.30731	66.85645	54.69276	13.25637	136.6363	213.1791	111.4394	332.8061	226.3778	85.45046	82.79094	6.988775	65.72115	6.202056	118.8772	7.134737	78.81902	68.35388	3.473826
CUST_17719_PI429010886	N38468	0.02757024	15	9	291234857	PREDICTED: leucine rich repeat c	Protein metabolism	Cellular protein modification process	3.18E-28	5.453537	5.05262	6.164371	6.482475	11.55435	9.137298	6.197474	6.024088	10.01073	9.605488	7.006651	11.87453	7.214528	8.248627	12.34692	NA		5.369627	4.653777	4.327657	14.62671	6.896573	7.439076	8.365836	10.03604	6.634618	13.82584	13.52663
CUST_11108_PI429010886	N27277	0.02757036	24	15						76.48161	141.3689	116.7446	100.3016	68.98955	80.70329	147.3731	109.1085	147.4173	134.27	82.86519	120.9506	129.5211	80.65861	119.9522	134.3961	187.3503	146.9401	137.0649	109.8412	168.0498	80.59242	111.9491	120.4478	86.78193	101.6014	131.7896
CUST_17510_PI429010886	N38094	0.02758075	12	3						385.121	604.3308	284.2929	308.8108	852.5352	697.2436	609.0112	723.134	488.8743	451.8198	580.117	655.6894	388.566	484.6312	433.1774	779.344	687.0247	582.599	456.7205	563.1838	476.0531	340.7848	549.1826	301.7541	415.6373	575.3242	278.1702
CUST_39463_PI429010886	M39811	0.02758404	12	0	294712568	zinc finger protein 600 [Mus mu			5.37E-87	7.457449	13.29617	13.43408	11.09473	12.43185	7.371989	10.96033	6.481391	12.13803	10.10472	NA		4.668232	15.7122	11.53064	13.64514	12.61395	18.79971	26.22317	10.51976	9.934505	11.07918	10.78353	10.45586	4.457521	14.31582	8.839932	14.49041
CUST_17307_PI429010886	N37751	0.02758939	24	18						85.69239	80.58239	91.52744	85.81977	67.68103	63.2086	75.67783	74.96434	87.60092	98.41457	68.88761	63.81813	102.222	65.47772	85.64416	87.60092	74.15901	96.62834	99.90955	98.57909	108.0194	120.5967	75.71093	112.5405	91.7922	83.83043	120.9827
CUST_51007_PI429010886	M91768	0.02759231	24	15						7.08329	5.947537	4.476859	5.957935	6.532525	9.395362	3.525195	8.177364	5.723303	9.921498	8.763975	NA		3.863366	17.8171	7.089983	11.76708	11.98023	12.75342	6.772005	7.367001	12.87017	6.128343	11.24947	6.655389	6.715846	5.515456	8.072209
CUST_14933_PI429010886	N33717	0.02759613	21	0	291224894	PREDICTED: CCR4-NOT transcrip	Nucleic acid metabolism	Regulation of gene expression	9.31E-08	29.87961	28.42265	30.07238	15.59925	26.58505	30.88358	23.62689	27.27615	15.3929	18.99799	19.85896	18.06541	16.34992	21.44037	32.1177	31.9432	29.03104	22.6604	23.70162	18.13366	24.17698	27.39752	30.9318	26.05011	29.12453	28.99304	26.55272
CUST_2514_PI429010886	N5239	0.0275972	12	6						56.53387	24.62618	41.95139	29.31303	39.36134	29.71923	57.88315	32.19586	63.31668	25.51773	27.89978	29.3005	31.76275	39.79062	20.26569	46.96617	55.44525	41.69944	48.96667	46.49868	50.72013	18.95021	42.14752	44.05427	25.99892	14.54727	26.07855
CUST_5666_PI429010886	N19013	0.02761038	24	21	321464990	hypothetical protein DAPPUDRAFT	Nucleic acid metabolism	RNA metabolic process	7.64E-87	215.6896	164.071	163.5142	185.9023	149.3939	173.05	184.6136	126.7723	142.0207	204.9812	147.1783	186.0269	205.536	161.7701	187.2195	207.8099	164.071	193.0588	219.3902	165.0194	206.1048	223.277	170.625	193.1768	218.1148	146.798	206.5859
CUST_9433_PI429010886	N24613	0.02761494	24	0						325.4289	331.2753	353.5795	366.9286	287.8854	317.0103	322.3894	235.7954	318.7834	327.216	308.1912	345.5951	331.5173	273.9417	273.1848	324.3008	306.279	303.7038	256.0012	288.9896	284.6794	352.7205	354.8596	403.0078	342.3203	375.5874	483.0822
CUST_18272_PI429010886	N39474	0.02762394	15	6						NA	34.76036	26.51031	33.20989	NA	41.59303	116.5476	88.40099	112.3953	116.804	73.81857	61.88614	65.36387	104.8815	91.28627	NA		52.84329	45.51721	50.65841	25.87711	44.29144	134.1618	79.78242	186.658	32.84255	NA		33.1947
CUST_2875_PI429010886	N13292	0.02762963	24	3						132.5675	6.088365	118.1075	52.7362	151.6547	252.3498	139.9605	81.82582	NA	27.51162	91.21622	112.3711	21.17745	130.7209	149.3578	NA		7.206892	9.225643	6.679315	NA		69.97581	5.199486	40.4248	8.110275	4.096988	NA
CUST_38290_PI429010886	M25965	0.02764713	15	12						29.43929	9.793016	11.21773	9.563744	9.437256	14.41191	15.21531	5.299041	11.53597	20.96992	14.89459	13.44284	19.34867	9.570001	18.85511	18.69793	7.354892	18.35653	6.632394	7.6696	13.33001	16.47987	11.7447	12.02167	16.50625	16.70652	13.64726
CUST_43609_PI429010886	M63495	0.02764713	15	12						209.2563	184.2288	232.1097	209.031	155.7969	130.174	290.2762	166.7408	257.0403	273.5066	156.493	257.8376	324.5457	177.2962	261.7871	214.4735	161.4921	212.6443	212.7624	142.2962	111.8276	258.2061	138.5034	220.5131	212.7978	172.1631	282.0632
CUST_51265_PI429010886	M92867	0.02764713	15	12						42.94276	23.59507	16.21895	16.45406	16.3145	19.74619	37.66871	18.55182	35.24152	50.87686	15.28733	24.7223	36.49381	27.63116	29.97378	23.43732	32.96923	25.08179	17.89735	20.68187	16.57137	27.80262	33.86491	22.55249	43.49626	42.24367	27.02687
CUST_10008_PI429010886	N25556	0.02764738	24	18						9.877137	10.64561	7.920298	9.621436	11.87749	8.205848	13.41897	17.06708	17.33337	13.04366	12.74046	11.73041	18.25369	16.3775	8.316005	16.46833	14.25928	18.73028	30.29264	13.01144	23.38479	9.492246	11.87593	14.41191	13.0149	9.068193	16.51861
CUST_16359_PI429010886	N36106	0.02764804	21	15						5.104435	15.74083	NA		5.571313	NA	11.5869	NA		7.21871	6.839166	9.985418	NA		19.65914	6.709355	14.60927	29.80233	26.49621	13.29816	21.39039	NA		29.52349	11.10881	NA		3.925762	8.616008	8.286877	6.881395
CUST_423_PI429010886	N5141	0.02764918	24	0	220172371	putative elastin a [Rimicaris exo			6.1E-13	14071.14	27577.78	34286.52	16726.21	9532.564	562.0064	17771.79	29949.84	41865.42	10999.91	12068.94	5179.003	17388.9	7450.782	3783.527	11289.6	13043.65	12255.54	33304.41	33508.11	46674.67	16954.37	26299.14	26299.14	27210.5	25065.69	41865.42
CUST_40255_PI429010886	M52166	0.02765911	18	15						90.85891	98.88646	113.6995	53.50459	65.49056	55.01648	94.03123	104.1579	95.26274	122.6496	88.74114	120.3236	66.41015	91.51354	91.15714	105.946	125.7435	100.8962	73.17975	90.23368	64.91207	74.11009	102.6861	81.7848	81.9432	91.03605	99.44651
CUST_42363_PI429010886	M60102	0.02769131	21	15	255739745	alpha2 macroglobulin isoform 2			5.96E-25	80.71612	118.4588	57.10009	111.1293	26.44651	115.5416	135.9752	109.0861	85.4597	167.6224	97.48939	66.18402	147.6215	93.06282	145.1105	260.9147	149.4369	181.4589	159.3374	52.12365	136.5009	92.02415	81.75855	86.35128	159.7027	116.3642	67.50363
CUST_34821_PI429010886	M10805	0.02775414	21	15						79.87529	121.8365	106.7298	106.9403	98.96283	82.80797	86.08655	126.1572	90.85891	78.956	87.39589	93.24058	103.2627	118.7214	116.2155	113.0557	123.2141	133.4287	102.437	125.8966	122.436	110.6555	118.4747	112.4891	117.0919	109.5487	128.6059
CUST_11978_PI429010886	N28720	0.02775414	24	15						59.71475	91.22685	97.59576	68.53151	69.36872	57.89687	65.86088	68.22331	72.87552	77.8161	61.50475	78.57224	75.31986	54.42945	90.47296	114.2182	97.03233	98.82385	79.80578	73.05642	98.98816	80.57219	73.08823	90.58585	95.86932	61.19316	123.1444
CUST_17032_PI429010886	N37262	0.02775414	24	15						58.19234	66.31625	66.92448	68.41738	66.74815	40.29385	44.63008	66.50532	59.30659	50.86361	74.70021	69.28139	49.53225	69.60024	70.29674	70.41477	77.50089	83.1934	53.68776	111.6045	66.84952	70.40519	75.3295	44.84231	64.07605	68.70749	62.76069
CUST_25770_PI429010886	N53032	0.02776032	18	15						77.57132	57.38746	56.39523	65.47772	48.2662	54.05215	81.2035	65.122	87.81083	83.40132	52.37142	57.63413	72.53637	83.54731	69.44476	94.39327	79.03209	84.1875	72.16617	58.94726	72.70716	53.74306	73.70166	53.33823	73.80869	86.56139	80.16082
CUST_23532_PI429010886	N48991	0.02779206	15	12						7.062362	9.52122	3.899835	8.815762	NA	5.210289	6.144785	4.319008	3.538213	11.43195	6.3941	12.53109	13.7861	8.77847	NA		8.391548	8.91225	5.305303	4.177349	4.331335	4.50132	6.343539	5.947537	10.52953	7.619216	7.500782	5.820025
CUST_43308_PI429010886	M62700	0.02782724	24	0						47.47767	42.065	48.66253	45.67405	45.89143	34.70965	44.20516	36.55792	37.49081	36.8404	32.43254	29.85271	52.13265	20.77278	46.42038	42.75885	49.49501	41.65544	60.75955	35.95046	39.29429	113.6471	37.49081	39.78094	49.74586	49.37835	55.64654
CUST_15719_PI429010886	N35024	0.02782724	24	0						16.14473	15.67014	15.12866	19.80764	12.71343	5.186053	11.65578	14.68671	5.689801	10.15886	6.692466	13.71572	14.70241	12.48313	14.31582	13.33462	9.897949	12.05097	7.490317	17.62376	11.40638	14.30676	12.30413	17.86363	15.98548	16.01569	24.1562
CUST_49739_PI429010886	M86939	0.02784635	24	15						39.64543	89.3399	32.17226	73.3346	20.01232	89.16759	104.5338	120.8275	53.48617	81.48573	74.16527	32.6846	89.45518	125.3097	90.40607	146.5694	184.4821	109.5043	83.62722	73.90579	75.32925	53.10853	123.9728	57.53429	99.09115	93.49221	37.62589
CUST_48588_PI429010886	M71847	0.02784693	24	18						197.1276	127.6821	156.7437	131.5489	87.33081	85.54538	117.2299	105.746	98.0933	102.9045	131.4508	105.3966	132.9821	111.1784	82.7815	93.5421	198.4677	150.5988	188.5629	111.8018	159.7521	109.9214	148.7726	192.5776	93.6967	191.8512	
CUST_2642_PI429010886	N12817	0.02785224	18	15						2554.596	2893.96	2779.473	2570.156	1871.7	1934.597	2692.671	2073.458	2420.859	2297.179	1797.322	2035.999	2640.776	1826.319	2257.369	2620.241	3281.159	3190.966	2398.339	2391.051	2687.973	2501.925	2507.724	2935.737	2434.185	1980.694	2684.097
CUST_36661_PI429010886	M16478	0.02785282	24	21						618.3282	590.0254	633.691	391.1906	407.5835	384.8278	353.4279	404.7001	430.8354	623.6004	453.2213	551.0918	439.7541	394.5922	576.9572	629.2438	539.4622	652.9219	569.0422	452.0404	430.5713	705.8467	550.9285	665.873	767.0668	480.2531	826.1267
CUST_32435_PI429010886	M4110	0.02785282	24	18	308489592	hypothetical protein CRE_17041			1.04E-14	165.8756	221.0978	226.022	166.1333	142.9154	116.3326	159.3669	176.2041	192.8297	203.0154	152.6639	174.4633	223.3609	136.7438	175.63	257.0403	187.2195	263.893	299.1753	183.7819	253.4358	254.4938	199.6427	212.2981	301.6948	187.0121	296.8699
CUST_23745_PI429010886	N49388	0.02785446	15	9						15.4109	19.96659	14.92893	13.90357	11.58971	13.52663	8.491715	15.61539	15.91774	17.87872	23.43251	26.58505	13.48819	13.75793	16.44852	16.29695	15.65667	15.483	27.85388	18.1529	12.05097	18.72412	19.02577	18.35318	22.87607	28.60396	21.75932
CUST_56332_PI429010886	M113525	0.02786872	24	21						5.823197	12.94826	8.709894	9.001369	8.473586	8.839932	6.601408	5.935469	6.518824	8.708353	6.178112	7.807697	11.1896	6.071056	10.75402	11.74246	7.38545	10.54437	15.39457	3.398903	12.3568	14.6763	NA		10.82416	23.12326	11.64284	17.44275
CUST_33046_PI429010886	M5824	0.02788154	24	21						99.84349	89.83016	104.5179	56.3623	78.18913	58.10634	102.5417	51.59532	79.76299	70.97468	83.4747	94.43966	73.17975	55.70902	69.07482	129.9419	78.55333	72.89302	89.93986	65.28656	75.10319	104.9085	133.5304	100.6934	155.2317	70.79864	113.3132
CUST_42987_PI429010886	M61793	0.02788154	24	12	546673368	hypothetical protein D910_0241			7.99E-14	31.38832	20.4296	7.687509	17.48425	17.83378	20.02577	30.8995	15.36528	12.65731	18.06541	18.9075	16.13712	35.52825	20.02992	19.5987	18.83509	13.13552	11.25563	22.4807	16.76161	8.318366	14.04735	10.99089	6.090071	15.23818	11.78408	11.01416
CUST_55827_PI429010886	M111829	0.02792107	24	0						279.1951	293.4022	317.1285	299.3538	219.7679	260.2914	287.0864	245.9747	288.3603	284.0823	215.7105	244.5822	250.5426	196.5522	239.4012	269.1036	322.2486	317.9491	294.2148	246.1645	277.4932	335.6252	219.2811	310.357	385.8737	272.3888	358.0959
CUST_36787_PI429010886	M16860	0.02793484	24	18						20.11934	36.31158	18.05597	11.41917	26.35385	12.42724	20.76264	21.21931	21.7758	16.45406	13.89134	8.734334	21.74943	23.86079	18.51168	22.26852	20.90638	24.51492	32.48271	58.81576	28.37038	13.93661	34.6239	13.68729	19.8965	35.50491	32.06294
CUST_31908_PI429010886	M2716	0.02798049	24	12						14.05324	19.59742	8.545551	25.17016	36.22942	22.43161	16.71688	33.14322	15.17316	24.63541	16.63046	12.33889	34.54981	23.28963	23.29768	25.18427	20.19825	34.66846	20.23797	19.78464	23.51188	12.60992	5.626984	22.73887	10.27659	21.27734	8.314533
CUST_1683_PI429010886	N10431	0.02798084	24	3						12.08782	9.358571	14.32656	21.02168	17.49722	13.84038	8.167505	12.37463	16.15902	7.228642	NA		15.10195	22.92262	28.68856	9.900546	8.268792	10.29995	9.768932	6.758311	4.427571	12.70744	7.137762	11.43354	11.83609	17.56163	12.33325	13.90121
CUST_8323_PI429010886	N22872	0.02800162	15	6	321471650	hypothetical protein DAPPUDRAFT	Metabolic process	Other	2.26E-44	72.75115	119.0641	77.3983	80.13048	82.73518	75.79833	100.0738	114.2304	110.9878	84.42785	78.80045	75.56156	64.51751	81.62587	76.71191	87.77262	71.35943	86.05106	112.3537	127.3678	122.5392	124.6988	111.1646	98.28823	133.9994	84.96211	117.7627
CUST_23164_PI429010886	N48363	0.02800162	24	18						42.52944	44.18768	72.52843	35.43842	38.78785	41.42853	43.08599	34.21691	42.2509	52.90159	38.83987	57.83575	73.28853	50.78807	57.47701	59.90743	54.13743	45.55903	62.51562	50.97745	45.79664	54.35078	52.0048	61.50475	62.91277	45.07581	54.41681
CUST_35462_PI429010886	M12630	0.02801303	18	12						70.45005	50.39653	66.39483	57.56013	83.28215	55.08838	45.83845	47.75189	44.86243	64.84578	79.26449	55.06924	76.2639	60.59689	69.27187	84.10925	37.19071	78.99466	56.29733	59.2979	53.06387	48.30191	60.72297	67.54737	55.37116	54.84874	48.09451
CUST_6285_PI429010886	N19895	0.02801387	24	15	321471027	hypothetical protein DAPPUDRAFT	Developmental process	Embryo development	1.15E-177	4990.47	6809.882	4809.409	3667.762	1712.526	3321.698	7439.177	7714.571	5843.996	5514.378	3264

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_6187_PI429010886	N19744	0.02827714	15	12						28.29802	22.21134	30.95789	17.41092	33.15745	20.2341	17.1638	19.14453	23.41335	26.68755	25.07412	30.82525	34.01063	32.51998	23.78991	11.60747	27.11349	15.60164	23.9493	27.26144	26.13302	15.1484	21.76426	14.00174	19.45088	28.57269	24.92804
CUST_35355_PI429010886	M12368	0.02828784	12	0	307202221	Transmembrane protein 16A [Hs			7.29E-22	49.58749	34.63148	66.18945	62.03768	40.66544	63.63996	15.78726	20.35228	19.47777	17.74472	43.62046	39.61981	47.15551	59.7098	56.57986	28.71238	21.69939	24.41801	22.61447	25.01557	41.78715	49.18092	56.92501	66.51317	21.87085	49.91114	62.68994
CUST_32954_PI429010886	M15885	0.02829163	18	3	321477672	zinc finger protein [Daphnia pulc			1.34E-39	71.65566	112.3953	96.10147	98.89641	91.54439	74.04749	98.52549	84.37355	90.00835	96.5246	87.64548	117.9028	86.07541	77.31152	74.99403	62.82666	60.16049	79.66104	68.06179	78.48038	88.52477	92.50959	98.60183	111.9766	81.37242	83.3741	117.7118
CUST_41134_PI429010886	M56952	0.02833081	12	15						20.945	NA		18.24331	25.7844	833.7381	24.89853	207.0168	18.82499	206.1814	12.45014	NA		11.75186	3.820259	NA		NA		40.04223	NA		236.5827	NA		235.6895	104.9484	90.67658	11.18434
CUST_31468_PI429010886	M1606	0.02833595	24	15						1556.093	3744.093	1549.756	1889.404	1417.404	1729.252	3431.358	2769.46	2475.896	2075.256	1438.372	1464.031	1951.028	1788.478	2176.241	4378.72	3867.347	3886.966	2167.915	2240.494	2624.319	1360.696	2093.838	1790.499	2700.891	2348.232	1981.815
CUST_32691_PI429010886	M4821	0.02833595	15	0	374079276	GalNAc/Gal-specific lectin [Crenc	Cellular Process	Cell death	4.13E-14	219.5694	363.7634	302.9977	273.6644	186.2715	235.6105	324.921	219.923	228.5455	300.8806	248.9453	232.2882	232.8674	177.9078	245.4997	263.0994	372.9744	346.4474	208.4398	253.2436	245.5909	149.7056	175.9736	154.5921	239.8775	273.134	308.6292
CUST_5758_PI429010886	N19159	0.02833595	18	9						39.44924	49.13607	46.13913	41.44302	38.05228	35.59906	53.76136	48.57796	48.43927	67.37607	49.80766	43.26708	52.49326	39.44209	40.24112	56.92501	56.2716	47.13	50.89474	45.21325	49.91114	46.01299	32.38938	41.86279	62.7253	47.37075	53.5736
CUST_24860_PI429010886	N51377	0.02834139	24	0						233.9171	221.4635	226.7528	253.8231	199.2156	172.187	328.6362	261.5479	160.5413	192.9642	130.5163	198.1577	170.8363	175.5738	159.7718	220.8506	128.2877	186.5755	289.7381	151.7139	194.821	269.5152	152.2838	212.1849	290.511	224.2026	252.7366
CUST_20348_PI429010886	N43282	0.02835464	24	6						5.87825	8.403309	7.939364	NA	5.542133	NA	10.60299	NA	11.75064	7.166484	7.58043	NA	3.704191	NA	6.834174	4.856856	15.12219	4.089093	NA		4.01881	4.736071	7.046728	4.680608	6.196488	7.109967	6.216366	7.26329
CUST_49634_PI429010886	M86468	0.02836391	24	3						38.65654	6.649837	18.62882	19.67391	45.71275	47.48311	15.94166	7.764959	11.24042	25.23652	43.78128	32.56414	6.24358	90.11127	42.316	16.77811	4.188195	7.884574	6.970533	5.919616	7.338359	NA		9.058939	24.92804	13.43959	19.92192	7.125638
CUST_36391_PI429010886	M15789	0.02840592	18	6						24984.55	24341.41	31801.71	28492.44	13658.74	2656.978	35305.99	27758.19	49329.8	28120.27	25130.01	17254.51	49329.8	22711.46	15900.37	12236.09	9872.039	15197.96	43701.56	39875.67	30257.2	33749.71	19903.59	47342.04	36967.46	43090.8	44913.68
CUST_11001_PI429010886	N27110	0.02840592	18	3	54042615	arthrodial cuticle protein AMP6.			1.82E-08	1473.47	84.96211	1131.397	2254.423	2325.222	2469.347	85.54538	217.9731	100.646	2511.558	1920.18	3415.242	2054.56	866.5613	2386.8	65.17042	96.07979	79.73452	161.4729	214.2039	119.713	3164.281	1720.155	3127.267	132.3768	439.3042	527.6644
CUST_2611_PI429010886	N12758	0.02841605	18	15			Developmental process	Multicellular organismal development		1742.558	3067.239	1768.674	1474.205	983.0621	1557.736	2809.488	2294.993	2198.578	2113.55	1417.404	1758.225	1783.882	1552.466	1812.631	2461.211	2327.901	3043.672	2445.736	2348.232	2529.949	1533.458	1722.827	1746.391	2242.949	2080.932	2117.814
CUST_14553_PI429010886	N33068	0.02844361	24	21						4.551994	7.505551	NA	NA	4.64537	4.345602	5.059102	3.19028	NA	3.931307	NA		5.157678	7.648589	NA	4.000685	4.45845	5.320928	NA	9.807589	4.378558	4.979931	11.07276	7.773057	6.036906	4.842515	NA	5.598426
CUST_35162_PI429010886	M11778	0.02848967	24	9						41.58882	31.11715	38.66341	41.92055	34.36788	46.32151	58.14207	35.80198	39.27561	72.38107	50.86361	63.17461	49.05917	42.20935	46.11508	49.39632	34.27395	46.2068	59.5633	30.03767	44.81289	54.61715	46.43858	40.53157	43.7275	28.95548	44.16317
CUST_2089_PI429010886	N11543	0.02849087	24	9						333.8469	300.9346	362.8242	311.6703	478.5299	387.7178	434.0618	301.3784	332.6579	315.3455	401.6396	398.7982	430.2082	325.8846	328.6362	463.096	298.5983	385.4238	280.8283	206.7075	246.1645	350.4372	283.6844	306.279	421.4753	266.8019	385.1879
CUST_24712_PI429010886	N51130	0.02852548	15	0						20.66314	15.24489	29.09733	5.756344	17.56328	12.37092	16.48948	12.26023	8.592198	15.92281	5.078835	5.986195	15.56681	11.81288	NA		13.57661	10.16523	9.846044	8.681841	14.35144	NA	8.735819	8.843446	10.81853	5.401098	5.017648	7.988043
CUST_49579_PI429010886	M86226	0.02852992	24	18						28.16376	39.81879	39.73245	50.11439	34.00168	15.99964	46.3034	51.63636	45.52185	31.41595	25.92125	29.36748	64.1671	38.36719	44.29144	49.79667	35.2239	59.36408	44.07915	76.83706	65.43257	35.17583	76.73936	67.57316	58.66126	46.43451	61.31764
CUST_16045_PI429010886	M35557	0.02855173	18	3	225714062	Cuticle protein 19.8 [Lepeophth			6.61E-11	104.1579	69.06905	NA	47.42663	142.8448	150.4308	98.61391	137.7837	55.02143	8.872903	37.66142	32.81019	19.25825	88.76092	25.59017	111.8609	60.82571	52.13265	49.42933	146.5694	41.33969	NA		118.5947	NA		11.93346	263.3104	NA
CUST_15835_PI429010886	M35221	0.02855419	12	3						25.64786	58.27052	26.73995	38.53951	60.38394	56.25386	61.8234	57.46642	45.91877	40.63802	35.40841	20.63115	49.01904	35.05743	13.32474	42.93375	71.3958	51.81869	47.5648	49.2713	48.28894	27.34627	39.21008	25.34518	39.2784	38.65654	22.00011
CUST_42122_PI429010886	M59464	0.02855735	24	3						8.481956	10.95477	NA		12.84199	36.03727	25.99892	14.0307	11.94958	19.86678	7.773983	30.26124	20.61453	10.78819	26.67982	21.01433	13.23504	11.38131	5.87825	12.76907	5.833172	4.80327	12.06091	7.858193	8.860901	8.805786	25.23871	9.088948
CUST_38838_PI429010886	M31080	0.02855796	24	18	529426383	PREDICTED: CUB domain-contai			1.09E-08	343.1184	203.6782	388.875	142.1072	104.2696	110.2359	398.4892	293.095	319.1468	153.7401	165.8065	109.0071	155.5016	202.8062	143.4022	336.3654	257.0734	288.0498	256.8674	439.635	645.8971	179.8716	206.2842	221.9709	316.4801	150.073	240.802
CUST_9984_PI429010886	N25512	0.02855767	24	18						56.65028	63.05696	109.1228	43.26321	36.71405	38.86739	46.7569	57.76119	64.03624	58.39443	47.45891	52.86649	63.62492	65.82678	44.29702	57.02608	90.22636	88.28749	63.94916	75.40109	68.30948	55.17016	71.6009	70.03526	80.39714	69.77207	85.81977
CUST_14394_PI429010886	N32812	0.02855767	24	21						499.9903	644.5321	617.7634	530.3219	495.5669	408.0121	417.0366	502.6586	585.1407	592.215	567.1816	503.1242	556.4241	479.1083	620.5792	614.2194	644.2122	581.3213	565.9653	597.1413	569.3405	618.1517	704.3483	627.6794	807.3597	677.6753	1091.584
CUST_18570_PI429010886	N40025	0.02855767	24	21						123.1444	91.69645	99.69334	112.3846	86.35128	85.40783	88.15439	75.2001	85.45046	128.1975	95.91396	108.6739	102.8149	68.43368	71.87251	105.8148	83.56745	88.78315	130.9346	107.0618	106.9297	144.3062	102.9594	110.7326	128.0875	96.82856	114.3003
CUST_7033_PI429010886	N20944	0.02856506	24	3			Cellular Process	Cell growth		45.83287	77.61728	25.67433	26.09525	69.05459	49.58749	6.426184	25.03965	23.87506	12.2068	21.14216	20.25567	9.435046	20.40638	15.63819	10.7971	48.87698	27.30572	19.75521	12.0284	25.54377	18.20133	37.87395	23.47009	14.78309	34.6494	21.57456
CUST_51559_PI429010886	M93979	0.02865117	15	0						6.44666	11.70489	7.988043	NA	NA	NA	5.472004	3.651166	3.669938	NA		5.792097	20.62724	4.168599	6.68462	NA	9.731693	7.930223	9.504797	4.365262	6.768812	11.16104	3.572883	NA		6.103744	6.883456	4.33254	7.432488
CUST_33243_PI429010886	M6380	0.02856685	15	9	403182806	AAEL006520-PB [Aedes aegypti]			1.18E-11	36.44966	31.49032	29.12055	43.57254	30.50653	28.54797	45.3971	41.17764	37.82506	49.91567	35.74914	43.53777	36.23977	28.96132	32.64521	38.98881	25.59303	34.25718	39.10716	29.40702	38.66936	56.54124	38.11477	43.40182	56.86607	35.80613	50.59749
CUST_5077_PI429010886	N18229	0.02858443	18	9	390348946	PREDICTED: fibrocystin-L-like [St				36.12041	39.40714	34.22108	29.62856	41.20512	32.95886	62.3082	48.82419	64.2511	76.16535	45.01993	63.31668	52.53638	44.32333	52.52311	61.11985	59.05616	43.93928	65.04377	29.18456	28.96132	62.23304	49.5489	51.31552	42.52944	43.23631	46.75132
CUST_12949_PI429010886	N30329	0.02858443	18	9						20.44736	28.24828	19.4293	23.72167	30.67349	23.14239	35.65778	34.17027	36.50656	46.33211	26.74553	49.32564	34.37978	28.71238	24.36566	27.3201	69.46672	36.28732	29.28939	26.805	32.21229	33.18448	25.20922	32.54688	32.07144	33.16894	31.78394
CUST_21468_PI429010886	N45271	0.02858506	12	9	321458327	hypothetical protein DAPPUDRA	Metabolic process	Oxidation-reduction process	4.52E-20	289.7731	44.87713	238.5827	247.5845	202.0727	207.8484	78.59166	100.2259	115.4585	362.2694	361.2613	172.9954	619.3687	202.2179	150.8682	15.36202	31.24275	17.71352	177.5447	96.71855	115.3273	411.776	246.2584	393.7655	78.34836	299.8648	336.6729
CUST_46179_PI429010886	M71686	0.02858513	21	15						9.317073	NA		7.412033	6.726682	NA	NA	8.204835	10.2223	13.33001	7.140165	NA	NA	12.81264	5.72244	6.752779	30.23399	21.09601	23.95198	16.38984	13.06268	22.67247	17.04641	NA		16.91535	18.51168	NA	14.58537
CUST_50141_PI429010886	M88796	0.02858508	24	3						25.04742	4.69046	21.46191	33.49057	27.89978	35.11008	NA	8.314533	NA	5.518428	27.1479	28.23949	17.39468	22.30617	27.30572	6.604659	7.065157	3.42093	NA		5.11517	16.78653	12.76284	15.98138	5.566392	4.945161	4.870551
CUST_32497_PI429010886	M4276	0.02859485	15	12						18.84339	27.89407	25.49854	20.05426	24.7491	12.23889	16.82065	23.09515	26.35742	27.21869	23.16703	20.35695	24.88406	34.00502	24.89149	20.83994	20.69452	21.52336	16.21562	16.01725	20.35228	21.68208	35.04281	31.67008	24.55379	18.69594	39.321
CUST_40428_PI429010886	M45064	0.02859875	15	0						40.89205	75.67003	45.25971	41.60067	45.79664	45.05649	42.12383	73.37425	57.61594	52.56129	50.8307	43.32213	42.72194	44.48574	35.47927	36.01028	54.77287	44.87711	65.5614	43.7721	43.59606	78.27256	57.08201	45.9064	56.52329	67.61402
CUST_50063_PI429010886	M88467	0.02859875	15	12						37.10235	80.62092	60.48555	25.91869	30.9318	42.69941	31.92535	45.40234	56.00071	48.78475	27.11011	32.51568	69.62329	78.84424	68.07757	34.20583	50.70889	70.87494	24.60595	31.0114	37.53076	41.12558	75.14729	53.36088	34.89501	47.57381	44.27544
CUST_13197_PI429010886	N30766	0.02859875	15	12						60.77638	29.79027	54.00791	47.94598	49.69782	45.07581	38.56693	22.9157	27.94793	40.49223	40.47381	48.40188	41.14942	48.95729	45.9512	36.39325	33.12802	33.09195	42.10969	28.66457	39.23752	38.27962	29.13899	23.52466	44.16632	36.67874	48.64708
CUST_51942_PI429010886	M95757	0.02863379	12	0	157091347	Val-1 SIFamide [Homarus americ	Signal transduction	Other	3.4E-15	62.1017	42.93819	63.31187	93.47893	86.50032	49.48565	45.92624	36.52621	39.95086	67.57316	47.42663	68.30948	62.42709	67.35191	52.35235	58.5159	67.72081	49.4478	41.50033	40.6742	41.93463	96.57151	76.10344	103.3764	110.3077	97.95973	131.3388
CUST_57347_PI429010886	E6697	0.02863541	24	0						131.6939	119.2957	142.1557	53.6019	125.9947	146.449	41.17764	90.84788	74.28032	48.31614	73.14068	91.6033	33.22138	69.63156	78.64253	84.00818	42.9709	108.4697	113.2938	64.63225	88.31999	51.73381	76.23852	88.26602	91.90805	77.33923	104.258
CUST_48197_PI429010886	M79298	0.02863764	15	12						4.257043	9.157379	NA	5.112944	NA	9.239178	6.18291	NA	10.07727	6.38443	NA	13.42773	26.57765	15.56129	18.1699	13.552	11.46286	8.844931	NA	NA	6.040983	15.28035	4.226021	22.6315	7.230351	9.383476	10.41738
CUST_35894_PI429010886	M13834	0.02865787	24	15	390462665	PREDICTED: LOW QUALITY PROT	Metabolic process	Cellular amino acid metabolic process	3.06E-29	37.03485	38.4343	32.429	25.79528	15.73759	9.200402	34.66072	44.22224	22.58797	37.92736	33.64987	32.88452	33.15745	19.73213	27.51858	55.95718	45.62418	78.783	36.69203	34.30861	34.85943	23.01193	31.42758	38.62391	14.9705	38.70471	41.67619
CUST_5977_PI429010886	N19455	0.02865787	24	15						164.9432	320.6536	244.3091	195.4747	179.1861	168.7131	241.887	265.3286	239.348	275.1575	221.7013	232.3243	227.7173	208.1829	208.941	278.4811	289.3915	351.2785	242.7012	231.588	282.9282	229.3564	232.0765	221.4294	235.5225	237.8915	239.7136
CUST_14229_PI429010886	N32525	0.02865787	24	15						85.09948	270.5362	209.1419	148.7876	63.42796	49.70331	329.8991	212.9726	287.7668	342.6036	112.599	184.6434	256.1444	124.8682	114.0114	280.6926	381.4494	429.6749	282.2945	173.6159	319.7298	198.4091	103.2488	206.6211	285.2064	171.436	310.8187
CUST_32121_PI429010886	M3285	0.02869372	21	15			Protein metabolism	Proteolysis		103.4975	89.01896	19.51629	36.73202	NA	37.59004	90.25881	110.0417	110.8928	133.7339	35.28906	73.10715	92.53323	79.38788	21.57883	201.7307	82.29898	167.9984	117.7118	87.37285	125.2132	48.48353	NA		39.0142	79.16248	26.0166	29.45413
CUST_44594_PI429010886	M66423	0.02869387	24	3	295293391	peroxinectin [Eriocheir sinensis]	Response to stress	Response to oxidative stress	5.94E-36	30.21832	14.77972	NA		13.41897	103.8143	82.56422	38.27077	24.85202	20.61232	NA	12.63683	29.87961	5.159792	21.75097	20.73144	13.26377	5.803931	4.086219	14.34474	51.64343	8.486725	NA		15.5722	NA	4.786145	37.455	NA
CUST_38185_PI429010886	M23988	0.02870114	24	9						8.835842	10.03737	10.68195	14.59197	NA	5.31236	12.60871	7.814775	NA	15.62926	NA	8.03382	13.6951	6.829023	11.31534	5.632949	NA	9.683226	5.348861	4.088808	4.240212	NA		9.470236	4.295081	NA		4.592061	13.99736
CUST_42202_PI429010886	M59670	0.02870725	18	9						10.62708	15.38781	8.41487	15.78373	35.47671	29.3468	10.89235	20.83994	11.6476	15.14334	24.8137	39.40243	13.38008	21.95424	27.21287	12.01431	9.133693	14.64529	NA		13.81948	8.825422	15.89063	19.34679	7.830046	17.85602	19.64055	21.99703
CUST_49210_PI429010886	M84698	0.02870957	21	3						11.51601	5.364946	NA		19.03648	12.36112	8.599165	11.53833	9.656421	12.98462	13.87165	14.31392	11.66289	5.48672	4.950558	9.066919	10.93144	7.405722	5.258405	7.37464	5.545745	3.69258	7.842678	23.30899	15.31897	14.6763	12.98462	6.596598
CUST_2524_PI429010886	N12557	0.02872816	18	15						43.12031	59.82583	54.1566	48.38472	44.03643	35.0396	56.09226	54.11854	70.39513	74.11009	48.69844	44.49025	59.07967	36.8828	38.97094	66.52473	91.90805	84.64677	69.16443	44.88978	40.50202	38.51685	52.88225	35.23063	58.67081	41.45634	46.32725
CUST_4983_PI429010886	N18075	0.02872816	18	3	260820964	hypothetical protein BRAFLDRAF			5.92E-26	146.1939	226.022	241.9195	268.0924	562.7989	395.8718	111.9372	206.0776	235.8737	136.5457	374.7855	267.0027	186.728	360.5191	290.9943	166.5285	200.9646	186.4449	211.3422	230.5374	173.259	286.8043	281.5792	277.03	269.3499	210.0683	250.7116
CUST_3314_PI429010886	N14245	0.02873637	12	3						856.9537	1146.245	NA	292.811	246.0227	2187.303	1314.736	2775.294	1101.531	427.9123	336.212	33.7853	3452.681	6233.119	2640.776	7439.177	NA	6592.219	NA	NA	3.15112	11.46279	2559.917	3.61884	2877.124	1856.844	NA
CUST_32133_PI429010886	M3307	0.02873637	21	18	291243067	PREDICTED: RNA binding motif p			1.74E-65	12.7792	17.85602	13.74572	6.950855	5.204831	8.606721	5.587905	13.72334	14.02697	7.970212	12.61565	8.249733	10.57189	13.02588	18.96186	11.07278	6.933846	44.87711	65.5614	8.866716	15.72542	14.24557	7.030628	12.77605	13.13982	4.305343	11.26916
CUST_35583_PI429010886	M19429	0.02873925	24	6						180.3689	186.1968	187.4758	127.0615	270.8095	153.9248	230.4612	220.7835	299.2328	142.9154	295.3547	236.8356	163.8342	253.0838	224.961	192.639	207.1791	243.331	117.4524	187.4758	225.6261	93.38599	175.9965	161.1965	97.18737	161.9294	197.4586
CUST_7140_PI429010886	N21098	0.02874551	15	6	321475764	hypothetical protein DAPPUDRA	Signal transduction	Other	1.43E-33	10.0026	10.00971	22.10257	10.99207	7.398978	5.142338	16.89615	29.06853	18.93048	19.29052	12.03994	9.971667	11.97145	8.4248	12.78096	7.505551	15.27512	8.628754	26.67982	20.21346	18.38558	29.81738	14.46804	36.50656	25.02499	15.27512	12.06492
CUST_6625_PI429010886	N20366	0.02874922	21	3	260794202	hypothetical protein BRAFLDRAF	Cellular component orga	Cytoskeleton organization	3.42E-61	88.8899	58.31899	82.1985	91.56473	77.16447	79.40591	55.26296	59.43938	51.38302	71.50913	55.63371	76.07226	58.36343	74.09844	71.12883	56.41359	41.36333	64.32511	74.55481	56.75304	65.95317	77.84495	55.38305	54.26213	86.81904	59.7098	85.21665
CUST_24724_PI429010886	N51151	0.02880467	24	3						8.470203	10.32367	33.47158	8.688519	19.51325	18.83943	11.95878	15.62171	8.252165	10.02667	12.2567	13.29617	NA	7.249218	14.48646	10.15208	9.534814	8.189998	5.26505	8.85643	6.830046	12.80063	11.65887	9.704976	17.56328	7.213648	13.43408
CUST_15069_PI429010886	N33960	0.02880714	12	9						16.21373	12.5772	NA		6.398645	8.664483	7.180584	3.617544	4.79986	5.787811	85.14751	27.33153	48.4991	8.023716	NA	7.078115	NA	4.555278	4.235281	16.27254	NA	NA	17.17797	NA	7.888139	NA	10.42463	5.727894
CUST_40128_PI429010886	M50698	0.02881866	18	3						6999.724	66.33824	5907.39	9153.451	4415.56	7260.089	261.0851	1086.78	523.631	9080.902	8503.163	5039.165	7621.268	4690.093	6430.973	47.4031	34.85212	72.57836	623.3324	1294.853	825.0827	8016.887	8098.961	7111.995	1563.253	6041.324	4998.113
CUST_31773_PI429010886	M2367	0.02882103	24	15						81.42279	119.3879	105.2562	110.6438	140.9438	101.0257	113.7096	146.7486	167.1713	94.815	121.9689	124.2469	104.1208	128.9945	107.365	134.6822	171.2412	136.1461	116.4262	119.4422	134.6492	106.8649	122.1364	128.0468	108.7426	86.956	116.2734
CUST_1446_PI429010886	N9665	0.02882103	24	0						1993.835	4086.34	3790.113	1386.294	851.1928	250.6739	6193.269	2439.09	4000.901	1096.577	585.8731	659.1588	1871.7	1058.746	321.4975	2140.692	1284.327	2988.845	3763.397	2648.467	5032.372	1228.382	1908.561	1478.028	3480.931	2097.341	5502.319
CUST_55139_PI429010886	M108847	0.02884988	21	15						462.0354	177.5447	263.0521	458.2399	169.2749	213.4123	565.6114	1003.961	1030.175	651.0737	289.7381	219.702	650.1169	646.8706	282.3692	1219.83	544.9477	1115.579	653.8973	643.8008	909.1828	548.4345	69.17285	380.1186	771.5383	189.1287	411.0555
CUST_51198_PI429010886	M92561	0.02884698	24	3						51.92761	7.339187	43.67914	27.93535	12.52529	48.64708	NA	16.43875	8.3196	9.582813	14.66893	7.139105	3.796354	10.22494	23.76085	7.07223	NA	NA	NA	8.04855	5.67819	7.839418	10.58439	13.08598	NA	14.84278	NA
CUST_16928_PI429010886	N37090	0.02885416	24	18						27.50147	28.94679	31.06306	27.33627	40.76292	28.20584	30.38583	41.80733	26.14707	21.11731	33.97232	20.7793	33.00277	30.13664	38.3812	25.91577	41.63922	32.68105	47.99288	75.58044	42.47062	28.85937	36.53636	33.10297	48.37004	44.82733	49.99479
CUST_18190_PI429010886	N39315	0.02885416	24	15						53.85584	58.67768	65.42578	67.40377	47.72966	62.00499	56.98746	39.72368	54.60623	73.51603	64.96779	73.57016	69.91553	55.67726	68.18657	74.22801	71.84187	79.42387	62.40732	66.11978	56.23453	66.62309	74.06253	69.12973	86.52356	70.76996	63.58392
CUST_37666_PI429010886	M20401	0.02886291	24	15						6.528189	NA	NA	7.881914	3.5855	NA	11.17299	6.92838	4.023157	7.737208	4.829023	8.186475	7.61802	7.10668	6.849286	8.776321	16.59634	9.438548	7.398978	NA	6.988127	10.15324	NA	5.748942	3.26136	NA	5.753193
CUST_14201_PI429010886	N32478	0.02887669	12	9						42.24729	54.29543	37.22016	47.69014	61.1324	56.09226	50.65841	49.4765	61.8234	59.5223	43.17122	80.38647	47.33949	56.76972	40.28969	39.77499	60.43767	69.84655	50.26983	55.46697	62.34647	48.8328	74.23643	86.92889	38.51685	31.48421	46.05498
CUST_27152_PI429010886	N55534	0.02888238	18	9						87.56469	5.941854	7.40828	6.177396	6.381994	NA	10.15886	NA	9.3403	NA	7.682167	9.633908	NA	7.923584	8.434487	7.482349	10.23059	7.485948	10.20393	9.659305	NA	7.203587	7.485949	10.20093	9.313657
CUST_37640_PI429010886	M20114	0.02889451	15	21						7785.133	12674.82	9743.786	5420.715	6780.642	5659.622	14703.33	16070.74	15585.38	10156.68	11805.59	7695.811	8750.959	8121.327

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_34454_PI429010886	M9715	0.029491161	15	12						211.2708	340.2357	308.5071	237.7241	254.3008	249.4703	247.4344	281.7476	278.9665	285.8344	289.7731	265.0552	343.5695	295.3036	381.0871	262.525	320.9643	318.7834	284.1348	283.2866	286.926	312.5578	342.0443	331.4329	284.8134	316.8751	414.4128
CUST_11329_PI429010886	N27631	0.029513345	15	0						150.0907	384.2558	121.2679	227.1085	170.9641	88.5599	54.89094	144.7386	233.4998	230.0139	153.2144	33.90314	33.36729	NA	35.17583	616.7748	451.1176	435.391	291.4248	149.9991	213.0837	83.70817	51.90562	24.67768	NA		34.86224	NA
CUST_36873_PI429010886	N17106	0.029523463	21	15	46485378	Rattus norvegicus P55 (LOC3628			2.97E-142	8.051031	14.65623	8.387756	8.256752	4.602944	6.376979	14.06053	12.06381	7.228642	13.00824	8.885052	10.26519	8.077852	13.84795	10.3455	12.97286	16.38984	14.32273	5.887576	4.156478	8.28409	10.73071	NA	9.38001	0.788846	7.256866	8.842249
CUST_31672_PI429010886	N12035	0.029536672	18	3	528244816	protein phosphatase 2 (formerly	Protein metabolism	Cellular protein modification process	2.17E-33	57.42791	29.83769	59.86525	58.15501	62.61027	66.40286	23.22144	54.13071	42.52366	57.5202	33.96861	45.3971	38.26324	62.78718	94.94344	23.00637	20.72907	22.10047	11.01416	51.39126	45.62418	66.41804	47.16128	51.6516	29.55798	36.70742	34.28997
CUST_41817_PI429010886	M58617	0.029536672	24	18						232.5186	221.1582	208.5384	180.3196	204.5091	178.4726	249.2986	221.0264	284.1966	285.5358	214.4299	253.0362	260.1908	194.8463	258.6669	299.8024	223.982	294.796	264.6223	238.167	287.8256	278.9665	249.3839	309.132	330.2787	210.9122	341.965
CUST_35568_PI429010886	M12899	0.029538514	24	15						101.8747	138.4615	81.84916	115.5725	117.494	133.4766	166.5631	134.9488	120.9166	115.9507	118.1075	112.1293	95.69298	159.3374	156.338	144.8055	210.2979	187.3814	59.37073	90.63409	90.92644	74.21946	102.2726	104.7861	64.29833	97.99445	79.42387
CUST_888_PI429010886	N7710	0.029544355	24	18						197.3639	125.025	238.167	92.13598	53.60597	66.24674	217.6621	188.7958	165.1648	90.53932	103.7909	88.46676	93.35268	112.4069	61.16761	177.7281	145.7532	153.0208	142.126	258.4714	358.97	117.2299	122.9378	125.2902	183.381	99.28639	125.5586
CUST_38085_PI429010886	M23271	0.029556888	24	21						441.1218	496.3451	342.1248	568.455	408.3889	438.1085	474.9425	407.4228	469.784	449.7223	367.6429	403.2127	490.5865	398.088	335.0962	617.0017	525.4149	599.8602	545.5749	401.5328	620.5792	555.0536	486.7832	584.9829	508.3099	460.6841	523.0011
CUST_572_PI429010886	N6117	0.029582393	18	0						2469.347	2710.483	4667.622	4145.789	2480.784	1393.878	1595.825	4311.402	5202.819	2230.426	1463.189	1040.093	1690.112	2388.437	772.5597	2356.919	7212.47	6452.703	4427.539	6649.946	8227.781	4349.21	2439.09	1647.856	5191.892	558.2968	3658.191
CUST_8104_PI429010886	N22542	0.029601837	21	15						92.0968	111.0547	80.15283	89.11547	87.59003	90.24484	118.2766	97.58001	64.2086	88.69555	76.91277	69.2197	113.5819	85.38009	103.2872	114.4742	118.0401	123.1267	105.442	113.2581	94.56207	70.57647	107.9823	75.87682	95.34191	88.71852	106.5406
CUST_40727_PI429010886	M55950	0.029606417	12	3						997.2176	1453.877	1344.214	1757.509	1329.124	1284.327	2475.896	3624.383	5726.275	786.3486	1159.706	773.969	565.9653	2516.066	1509.047	2516.066	5179.003	4900.819	725.9659	1679.651	1334.416	559.4339	1385.605	884.7471	792.9194	1141.401	1189.941
CUST_42323_PI429010886	M60007	0.029606417	12	9						28.1833	28.46788	36.13796	29.29243	31.99205	20.02229	36.7727	34.07334	46.54974	50.25143	28.79283	44.58927	26.22964	31.61388	34.53159	24.60171	18.65093	21.24037	38.40048	23.80751	52.91229	34.60956	27.60039	47.31561	27.99655	22.67946	32.41501
CUST_34097_PI429010886	M8763	0.029606417	12	9						40.082	24.84254	56.31897	29.29497	11.4038	18.27698	25.52032	10.95477	29.74537	43.62652	14.38642	37.7689	43.59179	22.48894	33.50951	21.5031	5.765353	22.2879	41.19655	27.72879	32.94207	63.79933	35.24152	48.90741	52.39688	16.12259	52.45299
CUST_8936_PI429010886	N23820	0.029606417	12	3	321449650	hypothetical protein DAPPUDRA	Protein metabolism	Other	1.52E-56	55.96387	28.3794	23.39604	54.69276	32.95505	57.17098	51.01468	28.76849	27.53522	36.46491	33.41357	27.14447	37.91672	39.64543	38.67879	85.63473	48.52454	43.5104	39.03986	19.29772	25.83809	22.63957	36.73202	19.9436	26.02721	36.31991	22.38325
CUST_36859_PI429010886	M17054	0.02961567	24	18						37.78857	51.23629	54.44021	49.68059	51.47126	35.44329	53.14113	39.54727	68.75665	53.02213	67.65721	67.97224	79.51886	55.08315	50.384	47.50128	65.27026	68.29523	55.29402	69.92347	99.03286	78.63104	69.82715	106.9035	51.9988	56.58591	82.16147
CUST_3392_PI429010886	N14417	0.02961567	24	6						920.7381	718.207	314.1834	641.1736	1214191	5394.696	2017.363	5298.376	1790.499	64.6674	4315.085	3875.533	162.2856	3397.779	3354.131	1218.815	1047.139	157.4324	717.5574	2083.733	525.9937	97.80698	1168.934	87.97629	144.8287	1290.575	115.1318
CUST_18989_PI429010886	N40778	0.029623263	24	15						30.39342	96.97291	65.14299	35.30917	15.83716	15.64262	121.6909	77.97296	98.73078	83.52767	37.07884	38.96134	73.54748	42.90092	42.90092	110.5494	193.6659	140.0779	75.95345	49.04743	88.98877	55.51071	46.12726	64.94456	125.9747	80.99203	124.362
CUST_28589_PI429010886	N58248	0.029635445	21	15						127.4016	104.3712	97.40632	126.4338	212.3717	193.5276	142.5195	137.6019	99.97142	139.6859	133.2218	157.1984	150.3174	149.9275	172.6519	94.97719	132.5149	143.7017	107.4885	114.0896	115.4443	124.6245	105.8148	131.8747	62.6126	118.4747	97.73797
CUST_12333_PI429010886	N29301	0.029654372	24	18	321472272	hypothetical protein DAPPUDRA	Signal transduction	Intracellular signal transduction	1.03E-86	4.067669	8.64672	7.744767	7.373784	6.144785	5.700788	3.904721	7.10526	8.758815	4.541134	NA	8.643882	4.79788	NA	11.97145	4.626282	6.697207	13.20115	12.41644	10.69017	10.01392	NA	7	9.138593	9.800749	12.28923	7.6031	10.73769
CUST_8030_PI429010886	N22444	0.029700279	24	9						97.99445	96.00931	127.7453	129.8456	148.728	122.9878	123.8198	115.2322	108.4858	138.8443	124.3819	110.8634	126.1572	104.0183	124.6245	143.0166	134.9589	133.7339	87.48976	101.361	75.90493	110.2215	102.4924	102.2878	98.71772	106.9403	120.2717
CUST_21091_PI429010886	N44617	0.029700279	15	12						114.9651	30.6774	50.0875	39.87751	46.42038	42.05841	41.1635	38.0933	33.79023	53.99104	64.82967	87.73981	49.80184	82.41127	65.16557	77.83598	48.57796	86.18133	42.13235	74.07385	42.58344	63.64767	47.68605	34.82138	84.73544	39.42252	42.82832
CUST_25411_PI429010886	N52364	0.029702194	24	3						11.65887	10.84686	15.3929	13.51981	22.629	19.20294	5.118547	7.111158	7.946301	10.74591	9.127031	20.38177	5.733242	10.11286	8.761485	7.241625	4.173226	9.401571	14.76753	7.596603	6.008948	14.54727	7.123709	13.58834	10.17872	12.93627	NA
CUST_4583_PI429010886	N17078	0.029706206	21	15	242019696	cAMP-dependent protein kinase	Signal transduction	Intracellular signal transduction	2.74E-17	33.45999	42.00294	43.02401	43.69757	37.60365	34.76036	41.73123	30.77017	31.30932	26.66045	31.31571	34.11681	34.54334	28.30622	37.3089	51.86305	48.30656	49.39254	38.59195	36.38972	54.11401	42.1876	25.53189	47.72449	31.87401	39.75997	64.99766
CUST_34282_PI429010886	M9237	0.029709321	15	9						27.71183	45.04182	38.50344	25.81956	29.71923	30.4977	56.64171	31.82327	23.20614	37.20056	32.06294	46.65167	40.1121	24.78354	36.64113	30.31787	30.61698	35.46629	23.4544	24.34505	31.9639	23.07404	19.27844	32.4397	41.92055	37.01072	40.12721
CUST_15140_PI429010886	N34069	0.029710406	21	0						52.13985	12.16843	6.663215	8.107968	11.20517	7.035061	7.119344	7.04307	8.012359	6.304625	5.504548	3.803737	6.366569	8.755998	3.489598	11.82895	3.698422	5.694875	8.032833	5.607023	5.177049	17.05901	NA	7.341589	7.379102	4.617061	9.319096
CUST_2959_PI429010886	N13483	0.029729294	24	21						354.2621	506.3774	416.4698	317.8651	381.7573	279.6157	278.374	398.5907	377.8683	314.6496	377.789	325.1203	391.1173	319.3342	460.8197	401.4434	428.2506	416.1276	346.2958	406.6714	433.8311	373.7341	453.9545	552.9475	398.8954	392.9019	597.4035
CUST_30734_PI429010886	N62518	0.029729294	24	18						38.13647	32.48271	35.93556	32.1629	32.60595	30.90184	34.74862	27.31739	73.36846	52.25224	37.61238	30.77878	46.78844	30.49064	33.85619	50.08928	46.57555	48.2662	51.02849	38.32178	49.94958	50.1877	81.35177	56.48171	39.94687	31.84584	49.80766
CUST_8425_PI429010886	N23017	0.029753364	18	15						31.49411	29.51504	39.50981	48.6368	27.4271	37.30482	33.27799	29.00837	27.76408	38.52068	32.1853	11.89049	34.8722	35.13853	39.22128	75.58915	29.6361	52.47367	65.44143	29.28594	51.31552	39.1588	37.07514	40.64686	37.79201	27.99322	26.65836
CUST_24325_PI429010886	N50421	0.029766195	24	0						16.52245	12.58686	16.79206	3.861991	8.893955	20.74858	14.83948	12.08533	14.17193	NA	11.35345	11.57188	10.60847	12.00032	10.74743	13.37422	13.45455	6.186738	8.519876	9.349393	8.086218	20.81726	12.7417	13.1174	26.33135	20.03497	15.45782
CUST_34453_PI429010886	M9710	0.029784738	21	0						40.82276	146.2169	99.28639	41.28987	83.83975	64.60254	50.77623	73.46998	46.67221	40.82014	60.30099	51.67361	53.96355	46.92838	71.78136	65.1725	81.98831	93.50035	64.83629	89.22264	71.12883	52.81957	93.80651	97.71482	72.17918	73.16089	85.4597
CUST_7151_PI429010886	N21113	0.029791505	24	15						316.2911	445.7269	438.2151	312.6928	277.6692	300.4274	364.8648	359.8294	410.1393	408.8076	316.2435	348.5318	412.1414	296.7459	322.2486	436.601	464.5257	493.1272	390.5287	386.528	424.7669	389.7916	416.4698	469.5128	383.67	397.3902	509.2951
CUST_3862_PI429010886	N15429	0.029823962	24	21						19.1752	15.08458	19.5987	9.523868	20.89958	14.60467	10.28394	5.42419	12.88293	16.91535	16.60566	34.47208	18.60754	16.93807	22.25295	15.78875	13.95828	13.98821	17.26651	8.480906	15.70264	33.20989	27.8681	30.74897	20.43703	15.54182	21.54473
CUST_17212_PI429010886	N37582	0.029835455	24	15						9.435046	7.417941	7.376965	4.144599	10.16018	NA	NA	5.370224	6.807314	16.36409	NA	12.72961	6.669932	NA	NA	10.8257	12.07314	17.29188	NA	9.079938	10.95203	12.0429	12.22382	9.743639	5.972458	5.414713	9.861577
CUST_35079_PI429010886	M11508	0.029835702	24	18						181.8521	206.8179	194.9465	173.2392	201.3091	166.6574	201.0938	209.6366	210.7737	156.768	199.588	186.5755	215.2207	182.2908	207.8099	216.8296	226.022	203.8066	273.9417	192.0663	233.8809	193.9037	266.3762	229.0726	223.053	218.1432	244.3561
CUST_5948_PI429010886	N19415	0.029835702	18	15						442.5726	779.846	523.2386	355.3919	474.0818	462.6929	656.9404	727.2739	673.3593	544.5236	560.9756	521.7908	549.679	538.9124	474.0818	677.4857	768.2097	752.4225	465.5669	508.3228	626.0365	438.5727	602.4086	538.6242	546.2084	470.2656	524.8326
CUST_49925_PI429010886	M8769	0.029852107	12	0						87.23514	106.1034	90.74277	79.1244	103.4014	81.118	48.40188	111.0363	93.61951	72.86661	51.53562	39.54209	92.13972	104.7093	108.1859	137.4156	90.56235	64.08368	97.60846	80.50976	67.02911	78.17385	91.32286	93.39785	91.46995	110.5327	108.4697
CUST_52430_PI429010886	M97422	0.029852107	12	0						132.7509	252.6661	210.1903	119.4473	111.3048	101.6014	137.2967	143.2785	129.4034	130.7332	158.7443	130.9714	149.3774	120.3426	160.4874	129.2736	97.51431	130.6083	167.9137	113.7563	128.5824	228.1333	124.1301	156.0931	155.6009	116.8167	198.0524
CUST_3542_PI429010886	N14719	0.029852107	12	0						92.65597	64.68944	95.49781	60.87753	52.46241	58.55963	121.8217	46.01299	78.10699	32.83487	17.49199	17.91362	96.09055	32.89807	70.92326	32.44579	72.06126	70.35289	95.26274	55.05576	56.2194	43.17591	51.3028	27.96239	72.99439	72.04345	60.00388
CUST_14172_PI429010886	N32433	0.029852114	15	9	242019113	conserved hypothetical protein |			2.85E-45	119.1208	103.0843	134.1808	115.4302	130.4451	88.6659	98.87854	117.3803	123.4188	129.2198	150.5356	100.783	129.29	123.7135	135.6132	105.4292	110.3707	105.9717	90.45329	130.7693	94.90029	116.8754	120.3236	99.52529	159.6186	125.9339	165.742
CUST_56281_PI429010886	M113369	0.029856749	21	0						536.489	384.4369	529.0583	399.2455	375.415	366.556	262.6219	348.5318	426.8467	431.5244	355.7553	421.2021	406.3531	261.4619	348.6137	425.1755	397.867	444.3539	529.0583	385.5175	352.1552	459.3044	512.1954	499.6833	542.9984	355.686	499.6833
CUST_35170_PI429010886	M11790	0.029872793	15	0						352.1552	460.3468	NA	170.8363	18.74013	180.1675	272.6276	219.2811	250.6739	37.91672	36.97106	8.903229	76.70125	377.0504	71.42098	569.1918	333.9851	212.8617	409.3888	137.2208	340.2357	NA	473.8372	7.922279	71.67272	162.4126	NA
CUST_24150_PI429010886	N50123	0.029886934	24	21						127.3678	175.9736	214.2511	166.3679	110.721	31.90391	171.4564	147.2543	264.3178	166.5285	114.0013	136.2532	245.1417	87.87185	116.3642	115.3868	114.0013	143.5433	242.8747	171.6937	215.748	223.6033	274.7682	301.4906	163.5866	184.2613	297.0848
CUST_13964_PI429010886	N32094	0.029903215	21	9						8.503753	6.335605	9.11551	4.513977	8.501072	4.904093	10.77609	8.446033	19.80567	10.19338	8.655185	13.44127	9.707188	8.361378	6.395793	13.96239	11.42048	9.6069	7.99799	10.33927	6.64674	8.066527	9.908964	5.562407	5.570449	6.062787	9.328141
CUST_51274_PI429010886	M92896	0.029945794	15	3	291243636	PREDICTED: zinc finger protein 3			4.46E-15	48.14157	71.90542	48.32944	77.27754	68.82621	55.34491	37.66142	58.15501	54.17106	51.88798	54.0322	18.39609	50.1974	48.24962	23.12555	31.78112	61.31764	33.67688	61.58528	71.42098	48.52901	64.58573	56.46685	36.25597	59.97997	67.93845	47.70295
CUST_55088_PI429010886	M108674	0.029946721	12	9			Cellular component org	Chromosome organization		4952.328	213.3383	3608.266	4715.833	4767.094	5277.675	617.6234	1179.476	1085.159	7518.482	5191.892	8042.108	5973.032	3811.795	6240.674	63.40756	34.85461	66.85645	863.266	1363.959	730.5469	7794.971	4419.639	5271.495	1130.351	2626.057	3382.058
CUST_35057_PI429010886	M11447	0.029946721	12	9						64.84578	33.50165	65.94538	29.67188	30.20935	42.98408	24.38824	33.72001	36.37036	42.50868	39.38571	44.06379	24.55379	31.95397	43.40182	18.84878	23.39604	39.86943	31.94938	30.59991	26.15317	53.37496	40.93434	48.84433	34.06922	38.62391	40.53493
CUST_57053_PI429010886	E254	0.029968237	24	6						3274.995	5172.899	3127.267	3636.712	8698.04	7157.757	5202.819	6025.479	3588.155	3240.436	4834.858	6125.57	3010.08	4934.022	4998.113	4086.34	4125.439	3292.245	2761.678	4628.184	2920.075	2599.331	4198.712	2079.426	1592.484	4667.622	1445.709
CUST_45240_PI429010886	M68429	0.029968237	24	3						86.37483	23.73245	86.89375	50.39653	83.30459	101.3206	22.84451	19.41654	30.88603	35.62662	79.24842	94.63322	41.28281	77.79664	101.4865	22.61153	12.50303	16.87953	10.7195	14.39282	17.86172	38.28871	40.75864	66.92448	16.56735	19.64634	35.78309
CUST_45454_PI429010886	M69161	0.029968237	24	3						540.0952	145.8855	408.3007	616.7748	13135.1	4302.905	80.49207	70.06067	76.80903	38.16633	7111.995	6906.237	43.13538	15942.89	15767.9	25.89088	18.61955	72.75695	9.887656	89.12634	5.417659	61.95862	28.10459	59.04201	15.98731	83.29367	16.94426
CUST_50422_PI429010886	M89762	0.029968237	24	21						153.3624	166.6038	152.9408	171.9853	123.6404	138.0213	143.92	149.129	125.1571	177.2128	120.7872	190.1878	148.8152	148.5291	159.3169	195.7481	152.4731	156.2342	254.618	170.6675	180.7742	187.1971	136.0437	163.7482			
CUST_3169_PI429010886	M13546	0.029968237	24	21	326781695	crustacyanin subunit A [Fennero			4.41E-16	24.16822	19.03847	20.31479	23.05329	35.20547	23.95198	24.59083	20.92431	14.13349	12.69994	26.54663	28.90075	37.57177	18.02157	35.6426	16.67489	23.77756	16.69176	30.63557	26.7208	30.85845	55.1353	32.56117	42.16378	54.09509	35.40841	36.28383	
CUST_11571_PI429010886	N15607	0.029968237	24	1						146700.24	148594.64	105066.53	14922.71	15141.22	13716.26	25130.01	19010.63	20563.31	19195.08	15230	8175.098	13658.74	7316.568	11246.8	24984.55	9272.214	22777.74	15197.96	15847.05	11356.17	9613.776	9759.347	6475.48	15367.29	10981.94	13658.74
CUST_6840_PI429010886	N20668	0.029968237	24	18	402901325	PREDICTED: AP-4 complex acces			1.25E-17	30.31506	27.74342	28.52973	27.75587	30.3261	26.85225	28.2092	40.70251	37.26102	31.22862	33.71063	26.89679	25.53705	26.47281	38.11869	41.04967	40.0648	35.50803	42.33888	42.93819	34.53973	34.72664	33.16894	40.36492	29.6976	38.14824	38.73465
CUST_23527_PI429010886	N48983	0.029968237	24	3						238.0667	202.6223	247.1564	268.3647	299.9819	236.6856	201.4995	204.1061	229.1263	199.421	199.2769	242.2514	223.6033	194.1489	247.1564	206.2187	218.7135	235.0886	182.0165	200.0099	198.5315	256.0012	173.7818	230.6808	220.0171	220.5131	244.3091
CUST_55956_PI429010886	M112306	0.029976944	18	9						194.1527	221.7013	323.5934	151.1207	248.1114	160.4874	273.9417	375.8148	319.9838	296.1058	326.7696	276.2644	161.0268	230.859	157.9287	259.675	449.2725	228.5899	220.2833	203.36	105.7112	224.961	182.7293	168.0725	290.029	246.1269	192.8532
CUST_7148_PI429010886	N21109	0.029996352	21	0	167537010	hypothetical protein [Monosiga			0.000000107	830.4195	598.4778	845.2107	824.0838	610.864	874.1945	352.0102	337.1412	439.3042	542.1922	467.8312	290.511	487.671	426.4459	816.0394	395.1137	483.6608	478.5299	579.9447	462.283	424.9756	939.9518	376.4343	854.7576	462.9596	537.3205	557.9393
CUST_45884_PI429010886	M70618	0.030051138	21	3						161.4506	105.8287	138.1892	140.8381	131.7371	120.4309	109.0071	91.6593	111.0684	140.4108	121.9201	127.048	136.0437	111.5617	107.5789	105.8028	117.6965	107.1873	114.5979	91.26396	77.83598	134.0408	120.4953	122.3789	149.5552	114.2182	142.1072
CUST_11121_PI429010886	N27299	0.030060628	24	18						122.1735	147.5789	97.10574	70.69299	99.71725	96.1174	65.86788	129.4391	106.1184	58.78776	98.27861	97.94351	68.19401	111.9225	97.74191	87.85118	75.78646	86.1454	128.1975	158.5985	168.8172	131.5353	138.4795	116.6925	97.34674	138.9534	159.203
CUST_9989_PI429010886	N25522	0.030085146	15	12	408474813	calcium-activated potassium ch	Behavior	Behavior	1.17E-57	144.6606	140.9588	143.3201	127.8553	136.9653	127.4388	88.86561	97.51431	82.96235	123.4753	138.6464	161.2869	135.9468	128.2402	168.2226	158.8008	125.4485	157.1328	136.0737	140.2946	131.0883	132.5501	113.5928	142.5195	152.7876	119.1014	202.8062
CUST_28864_PI429010886	N58750	0.030087101	21	0						55.37116	57.39387	61.49909	64.54817	44.60387	46.768	31.83006	45.80079	28.9184	25.87214	34.3049	46.85381	33.05798	46.50411	31.22451	54.67195	44.74502	70.37823	76.97367	60.05636	26.14998	114.9651	43.60777	58.28361	66.52473	54.69276	21.58992
CUST_29704_PI429010886	N60378	0.030098048	24	18						524.9759	587.8441	714.2812	599.6889	364.6437	665.3418	449.2725	566.3117	664.2531	575.9481	435.1623	584.6183	452.8102	492.2464	496.692	1168.291	642.5938	751.5322	1204.169	592.5764	878.1427	1062.332	546.6865	830.4195	1199.116	599.566	880.3029
CUST_42605_PI429010886	M60705	0.030105614	24	15						42.5735	42.04361	58.5159	26.19863	43.08271	35.60799	51.58002	42.6332	41.85879	50.33808	36.42265	62.63588	66.58185	43.48425	75.97892	84.19786	37.14266	79.53675	54.44021	45.59558	59.66359	52.24236	78.57224	86.27418	56.88517	41.57926	58.71759
CUST_6999_PI429010886	N20894	0.030105614	24	21						128.3674	249.7255	173.4439	228.8663	257.956	252.7743	153.6655	282.3174	203.4662	157.4103	271.0733	156.2342	231.6588	202.183	222.6501	257.2967	239.7523	251.1346	233.0433	254.1458	267.884	274.0413	324.9732	303.1963	221.3966	254.8129	332.1692
CUST_15314_PI429010886	N34382	0.030121422	21	9						14.59197	15.76545	10.87185	28.72062	21.91263	32.35917	16.73592	10.74591	28.55984	35.28906	18.19202	30.21523	17.90327	15.53825	26.88508	20.73144	15.35881	13.96239	21.05828	12.52789	17.20512	17.19506	10.72088	16.0253	21.93034	12.01029	19.08766
CUST_20494_PI429010886	N43553	0.030132113	21	0						26.51577	NA	13.33001	25.27733	NA	5.000935	NA	NA	9.76161	NA	5.740467	11.39637	52.53211	6.42184	16.09247	NA	17.27455	NA	17.87709	13.28915	11.4609	28.27302	29.55798	21.14216	19.69645	4.108926	18.41119
CUST_49655_PI429010886	M86574	0.030161211	24	6						18.48727	24.01452	31.19842	5.379272	32.66605	18.37962	31.77803	31.97696	23.70418	18.20572	20.18225	28.37038	6.309287	17.17227	27.27378	15.07942	29.13251	17.25129	8.919527	12.73904	10.94716	NA	11.37254	21.97869	29.24032	22.55249	8.355785
CUST_36731_PI429010886	M114778	0.030163654	18	15						6.772000	14.07474	13.63037	12.87017	14.34635	13.15906	10.05853	18.33066	8.311471	14.0307	7.054812	5.773049	12.5832	10.64305	8.935802	14.2062	10.67575	NA	7.73766	12.43654	10.77	11.20772	17.09822	7.737506	12.43654	8.018435	
CUST_37009_PI429010886	M17528	0.030174297	21	0	321459244	hypothetical protein DAPPUDRA			1.96E-13	21.81818	13.6023	19.19097	15.90885	10.09062	5.107795

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_10540_PI429010886	N26394	0.030616901	12	0	410920880	PREDICTED: inosine triphosphat			9.26E-11	8.158467	6.176204	3.48351	NA	10.97444	NA	5.767359	4.763837	3.249382	3.322843	4.78806	NA	8.688519	14.32656	NA	9.092038	6.13026	6.222395	5.209393	5.334914	5.558159	7.786617	3.756014	7.093434	11.69612	9.010934	23.0693
CUST_55896_PI429010886	M112043	0.03062493	15	9						73.70166	32.59222	70.25686	64.39747	62.12865	59.47135	65.27494	40.45937	62.94384	90.47296	87.40333	65.9928	95.97338	45.26784	82.02164	72.73375	40.03773	39.46646	89.63749	55.82058	79.58985	73.52254	92.17501	85.3597	106.8499	70.69299	118.9114
CUST_33904_PI429010886	M8197	0.03062644	15	6						222.3734	143.5988	386.4267	354.3285	93.6447	175.0979	226.3033	181.7225	496.9611	318.4001	141.1475	226.5403	628.6837	174.2207	165.742	84.10297	69.58412	63.85692	837.9532	362.9994	434.0618	625.2657	673.1503	575.9481	379.3272	443.7289	1009.169
CUST_47037_PI429010886	M74616	0.030626118	18	3						902.1594	1010.428	1371.826	1204.169	1390.646	1251.245	827.1853	1324.412	1212.026	1228.382	1350.405	1148.486	1647.162	1114.745	1271.126	775.0084	1147.195	802.4687	1398.823	1346.991	1188.024	1800.506	1482.511	1500.263	1278.88	1509.889	1735.82
CUST_32477_PI429010886	M4220	0.030627328	12	9						68.55444	206.7075	236.9175	151.421	121.5207	74.47864	129.9776	170.3606	241.2245	171.6937	179.3019	131.4171	208.0191	137.2208	121.0574	70.43485	121.9035	128.6628	186.0781	166.0466	203.1619	190.463	326.5385	362.9291	138.7318	113.0702	231.7623
CUST_17437_PI429010886	N37960	0.030627328	12	9						8.71404	10.01207	11.97624	3.375639	6.995889	8.872903	11.40929	6.635748	4.962365	10.98054	20.95393	16.50059	11.75315	6.968697	10.10472	8.924839	8.668203	7.499635	9.160132	13.53119	26.89679	10.69017	10.22939	9.069476	8.960965	8.101583	12.13039
CUST_16535_PI429010886	N36414	0.030635764	12	0						32.57817	NA	22.855	4.72086	NA		14.62992	9.38001	9.311282	23.77756	10.88367	13.80631	14.84138	16.94573	18.51735	15.1484	19.62318	8.03382	13.0253	15.42011	10.97116	6.420652	21.12553	14.28509	11.4924	16.83626	17.76942
CUST_52952_PI429010886	M99584	0.030659266	21	0						673.3593	790.4703	NA	343.906	NA		307.0639	760.7688	440.6377	482.5812	171.5325	140.1608	7.477063	280.3649	795.9001	232.4886	552.9475	476.0531	213.0104	434.1663	225.1699	278.7672	NA		781.2177	NA		327.4664	448.34
CUST_42952_PI429010886	M61700	0.030673372	24	21						175.9101	163.0633	163.488	159.6186	166.4755	187.6112	122.201	132.3768	157.7724	163.6628	109.3108	184.0518	183.8046	159.6647	165.2945	201.8328	163.782	304.58	161.6353	120.6269	172.7187	191.9733	183.1082	269.3499	168.0227	132.1106	167.0808
CUST_2976_PI429010886	N13523	0.030673372	24	18						45.40562	66.78529	79.04147	42.21331	40.94392	47.85839	60.69474	74.09844	76.45034	53.95752	59.97997	58.47152	77.19972	49.04743	44.36561	65.85526	67.66335	80.61166	71.84187	76.05422	104.173	63.03163	61.39667	65.09533	75.75538	52.54833	70.62321
CUST_8677_PI429010886	N23402	0.030673372	24	18						12.2785	15.44623	9.087847	7.205732	6.348391	4.318063	14.32824	14.09547	10.8869	17.39282	4.586777	17.02991	16.33804	18.12289	10.62708	17.61537	8.739672	11.24141	20.09331	11.82895	16.25439	18.11402	12.50022	20.58195	9.472484	15.33609	15.18833
CUST_8873_PI429010886	N23732	0.030673372	24	21	260799069	hypothetical protein BRAFLDRAF			1.37E-45	16.49523	22.2434	38.91666	30.22546	18.1699	16.71139	16.62865	23.76684	29.07923	45.65444	20.14533	22.11624	37.32223	29.37527	24.00632	28.48764	36.1964	31.5432	34.37539	26.66965	40.35645	36.55366	40.50202	41.54368	32.75774	34.16428	41.60531
CUST_38692_PI429010886	M29133	0.030688949	12	0						10.12975	14.83785	NA	NA	13.5943	5.039424	5.701868	NA	NA	6.725437	8.581038	NA	11.34493	10.59308	NA	8.142557	4.678681	8.847627	NA	5.313998	5.775662	7.235998	6.875647	6.164371	11.25563	5.918723	7.243976
CUST_33268_PI429010886	M6449	0.030701965	24	9						99.71725	110.7454	114.3003	127.6698	1440.472	873.9122	121.3554	172.2349	163.3852	235.0418	1069.345	1256.746	282.3174	905.3835	1422.675	114.8511	96.87922	118.4437	112.669	198.3111	177.9352	260.4457	143.2644	269.0492	105.1495	172.4755	215.7897
CUST_54927_PI429010886	M108188	0.030705754	21	9						34.33958	18.58143	24.45655	29.98996	29.22014	28.80996	19.03648	25.02902	17.90158	30.59603	36.96261	31.673	28.01116	31.61116	26.8442	18.09243	16.1892	17.1638	19.24654	11.72346	10.51731	30.84622	24.34094	26.4046	19.02985	21.80682	23.00444
CUST_21687_PI429010886	N45666	0.030707112	24	15						451.4694	461.4101	527.455	348.1933	376.4343	429.6749	418.8351	434.0618	602.4086	510.4694	335.3114	404.5068	335.3952	392.8052	444.244	682.7328	664.4758	540.0952	785.5802	463.1658	513.5436	506.1561	448.6833	482.7166	697.2436	468.1951	330.2787
CUST_671_PI429010886	N6674	0.030711906	24	21						1154.885	1117.04	2007.702	2082.19	1739.873	261.4347	1276.929	1785.094	3393.901	618.1517	1431.337	372.873	3593.994	1671.759	739.9176	473.2258	240.84	513.2014	3960.355	2747.205	4495.71	2952.044	4965.926	4258.14	3104.628	2851.067	6143.541
CUST_29339_PI429010886	N59671	0.030744481	24	18						152.1194	146.4045	180.3196	114.7841	106.5519	114.9233	133.8226	135.2901	164.6381	157.519	131.9615	102.4481	157.1577	112.1403	122.247	161.9294	157.2106	177.3292	158.8008	157.2283	179.9258	201.7307	135.3782	185.2163	150.2981	134.1808	
CUST_7413_PI429010886	N21510	0.030744891	21	0	242020240	senecionine N-oxygenase, putat	Metabolic process	Oxidation-reduction process	5.47E-59	95.69298	243.6749	186.1647	111.9958	129.3499	125.4627	67.71277	92.49079	87.74995	156.4112	151.5059	133.2218	103.7909	98.2692	92.59408	90.87055	155.3804	115.5828	127.8402	134.3166	171.0499	109.2822	181.3844	176.9714	138.4615	42.11529	144.9581
CUST_42345_PI429010886	M60055	0.030786947	18	3						141.6695	133.3487	104.465	153.2144	108.6386	166.6906	62.00982	48.41784	92.36671	140.7771	101.9985	120.1882	151.8191	76.51861	91.12829	109.9078	72.63288	82.14842	108.9908	83.13651	93.93436	210.5038	134.2942	143.4442	173.9585	90.07474	105.4292
CUST_41973_PI429010886	M59040	0.030791672	15	3						14.99036	53.087	33.23134	33.94389	73.16089	55.59842	25.97533	37.22016	33.13955	14.07446	38.84447	29.33369	17.16197	26.41463	24.28968	27.56258	35.23063	27.12484	NA		40.44814	30.41385	22.3189	34.38418	21.57456	NA		NA	50.4292
CUST_33986_PI429010886	M8431	0.030814974	24	0	124245110	tetraspanins-like protein-8 [Fenr			5.03E-08	81.01838	134.27	141.3011	50.84751	104.4781	62.59981	80.81117	44.9365	75.0185	35.25348	41.27319	59.45185	35.49578	82.33668	51.63636	26.0166	68.51645	51.8805	14.40144	106.9035	65.26399	23.34913	109.1836	132.7509	30.42951	104.9226	142.7777
CUST_12697_PI429010886	N29889	0.030818375	18	15						53.41031	76.5464	6.957271	64.1671	3.129394	51.25301	130.496	125.6495	98.96283	16.78177	15.18237	NA	54.84874	164.6589	65.0067	251.2413	183.9971	95.41451	57.16004	51.3632	55.82058	6.36996	136.0065	7.181893	36.86325	59.16985	7.302349
CUST_15870_PI429010886	N35276	0.030819909	24	0						84.61891	78.17385	64.14599	73.76756	70.27366	55.06924	75.11158	62.84262	39.80982	71.13619	42.89355	26.25684	63.13263	62.39412	68.53942	85.66787	78.80045	75.39478	80.59242	66.04384	70.81536	69.86685	53.89331	67.9004	90.7227	83.51378	85.20409
CUST_25431_PI429010886	N52406	0.030826778	18	3						14.25928	5.501586	9.973024	15.61685	NA	10.14718	NA	NA	4.554572	NA	8.895556	3.491182	NA	5.542133	NA	NA	7.669125	8.394142	11.05532	11.08066	4.213902	11.75186	11.35653	14.39849	8.089365	16.3145	11.44329
CUST_37212_PI429010886	M18220	0.030829747	24	0						17.53638	7.901772	10.1847	6.564831	21.97462	9.11075	14.33538	4.478392	9.313657	13.61097	6.643179	7.146148	10.59744	5.684012	7.798673	3.823585	NA	6.44666	8.655185	7.471039	5.360268	NA	7.295483	NA		13.10078	16.73426	10.37676
CUST_40974_PI429010886	M56519	0.030840345	18	0	301765698	PREDICTED: hypothetical protein			2.43E-11	20.80428	22.19826	39.84392	16.57521	20.98727	30.12442	15.03281	21.20564	17.88521	22.71469	14.04353	28.42265	23.30722	12.07145	20.79352	16.81027	25.41498	23.3163	32.15355	25.7544	21.7713	24.52901	17.15225	22.49316	10.5335	14.06396	18.44774
CUST_52364_PI429010886	M97206	0.030841424	21	15						16.08274	9.223983	17.07639	13.36386	10.96613	13.03156	13.77769	13.0267	12.15059	7.858193	6.672899	6.432193	16.32195	7.205732	19.28481	18.9132	18.86919	16.09247	20.78429	14.47877	16.34777	20.95393	8.040067	12.40192	23.02752	9.465451	14.86987
CUST_45416_PI429010886	M69041	0.030858255	24	15						19341.82	16760.98	17315.8	14015.31	9872.039	12068.94	19635.13	16452.07	20059.08	18026.32	10260.07	13635.69	16288.46	12191.65	13737.98	2485	17729.56	22711.46	22711.46	17692.35	20172.23	19150.48	15435.13	17837.79	2485	16520.01	17388.9
CUST_5038_PI429010886	N18183	0.030858255	24	15	380025919	PREDICTED: Apis florea serine/tl			1.88E-118	353.5795	534.4784	465.8295	351.6631	405.9933	375.5874	403.2127	487.0065	490.3414	443.2849	445.8569	413.5169	499.9903	430.8354	396.4646	475.2146	579.065	489.9777	449.0619	455.1948	552.4266	444.4782	510.3128	497.7865	438.3717	419.8124	551.2795
CUST_13258_PI429010886	N30865	0.030858255	24	21						65.70417	116.804	108.6527	85.10841	97.88781	71.68028	81.36078	119.0449	100.9249	97.43333	112.6387	81.51736	96.25473	81.9432	101.2008	96.13685	132.2008	109.4578	106.506	102.5048	123.6152	118.8271	131.568	131.1604	113.2744	105.7619	143.8649
CUST_14858_PI429010886	N33584	0.030858255	21	18						360.8837	205.8252	416.0009	134.7253	102.2993	117.8894	320.6536	289.8261	262.3549	126.2717	194.5455	109.3108	150.2498	212.7978	142.3304	334.2355	231.626	270.6292	196.2948	432.3981	581.3213	170.8363	189.7429	176.7718	249.3839	137.3189	198.8083
CUST_15235_PI429010886	N34240	0.030858255	21	0						21.79685	47.33022	39.93436	21.48685	21.54067	25.25868	52.5125	16.53525	17.12908	21.68208	26.22317	26.2182	18.55713	33.78234	26.13856	22.31416	20.41963	22.6315	16.715	31.36481	25.26406	45.19064	25.82213	39.60134	33.80913	26.02167	30.66224
CUST_7288_PI429010886	N21322	0.030876482	21	15	321461230	hypothetical protein DAPPUDRA	Protein metabolism	Regulation of translational initiation	2.62E-96	1283.49	2319.232	1567.333	1544.613	1303.86	1577.474	1637.38	2235.693	1880.339	2162.694	1543.558	614.2194	1403.719	1816.059	2085.588	2436.323	2551.022	2554.596	1466.161	1781.913	1856.844	1118.139	1687.279	1579.509	1473.47	1511.222	1762.47	
CUST_32835_PI429010886	M5232	0.030876482	24	18						74.56881	255.3385	117.2468	NA	3	NA	120.6508	201.7307	313.993	232.4149	63.07317	120.035	159.1067	108.7707	67.66335	75.81657	733.7832	435.0369	333.0274	482.9421	686.8238	158.2453	64.68944	107.7327	188.1589	198.334	
CUST_15011_PI429010886	N33539	0.030878981	12	6						40.38904	41.29379	37.33345	46.59528	43.27654	48.23305	32.30441	62.62916	62.91277	73.61793	50.6306	56.15422	56.74562	42.75542	38.55172	61.05014	41.78869	65.94538	66.48433	57.47701	64.9627	66.45173	47.82733	63.30474	61.58002	61.15056	
CUST_37985_PI429010886	M22603	0.030883989	21	15	321466074	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	1.54E-132	33.32412	80.53824	61.51933	47.35759	41.46642	44.50543	53.00589	61.295	55.85351	65.29504	51.06045	41.97418	59.5443	58.80984	48.87241	61.27966	96.1174	97.07924	33.762	56.69444	58.3569	35.11692	62.42709	55.29943	37.18271	57.22003	34.84492	
CUST_56413_PI429010886	M113717	0.030906164	24	15						7.109967	4.60408	10.18184	7.098506	NA	7.831289	20.26569	9.973024	NA	11.34354	6.164371	11.77605	16.60926	9.962728	NA	22.03984	13.99198	23.67991	9.827764	22.76482	30.80078	10.50783	NA		9.325616	29.11467	7.239261	7.796517	
CUST_19224_PI429010886	N41208	0.03091507	24	21	270015802	hypothetical protein TcasGA2_T			1.26E-09	60.10787	42.15192	55.71616	46.35836	35.62951	38.63208	49.48225	32.73765	38.05228	44.83298	30.5648	38.36376	56.54714	41.71225	49.60146	59.49271	40.89205	50.98258	41.51201	56.03078	57.40298	57.83575	37.13937	69.31429	52.31981	44.84231	59.65828	
CUST_13330_PI429010886	N31001	0.030949008	15	9						12.07145	3.164546	15.04296	16.86582	8.136232	14.42774	6.080857	5.932716	10.80654	13.77769	14.73636	17.41092	10.63933	8.212284	16.5029	4.105893	7.744767	6.671924	11.9269	5.98788	11.18434	16.49523	8.814223	15.42417	21.48468	12.21743	22.79876	
CUST_2953_PI429010886	N13463	0.030952213	24	15						1425.394	2837.693	1798.348	1355.196	1312.243	1594.029	2141.9	2245.768	2016.054	1670.997	1472.69	1077.531	1333.239	1658.691	1241.8	2608.106	3014.898	2782.49	1697.826	2144.939	2082.19	1524.311	2136.93	1740.73	1429.783	1705.593	1653.487	
CUST_14601_PI429010886	N33153	0.030952213	24	15	225718254	LAG1 longevity assurance homo			7.07E-46	231.0435	272.3474	270.0299	226.4631	162.4391	202.4552	235.9311	220.5454	246.8683	311.3298	169.0985	219.5694	265.1126	183.4518	235.8737	349.8278	272.6726	375.1194	258.3703	229.1263	320.8974	248.8065	232.4494	280.1957	317.4305	247.374	334.5246	
CUST_30150_PI429010886	N61265	0.030956261	24	0						72.92411	50.71375	62.55614	43.92787	57.9144	59.00011	57.14064	51.08768	62.93557	56.95109	40.69275	57.6297	49.43562	46.0486	44.99721	51.72801	48.0397	59.00719	53.69322	45.08608	40.96049	55.32159	47.64701	65.9928	66.41015	50.17642	66.74815	
CUST_36969_PI429010886	M17359	0.030967631	12	3	391330231	PREDICTED: membrane metallo-protein metabolism		Proteolysis	4.71E-17	180.1675	262.8559	64.61049	267.3602	44.23244	259.675	327.6721	280.6399	214.0358	219.187	127.6698	52.30441	276.7278	186.8218	248.0205	589.338	303.0592	375.7494	236.7562	93.6437	233.2281	122.3002	124.3455	109.892	296.3981	226.3033	54.77517	
CUST_42317_PI429010886	M59993	0.030967631	12	9						5.733242	9.62794	20.20874	6.610037	8.039141	9.391341	7.893062	7.845494	8.076758	17.43685	9.408973	15.58835	10.7159	14.53307	7.287837	4.294508	6.846349	7.199986	3.523869	15.95307	7.203709	8.81061	13.51981	12.11428	5.38591	10.49595	10.06507	
CUST_43999_PI429010886	M64611	0.030967631	12	3						17.5341	26.1001	21.54205	23.90768	26.52653	18.98605	15.23242	17.83592	17.82226	20.13731	15.98731	14.7781	19.32541	12.34301	25.31216	26.25902	19.1752	30.84044	17.96997	10.9035	20.73851	20.6613	10.42314	15.39651	21.72789	16.19958	29.58887	
CUST_47757_PI429010886	M77495	0.030967631	12	9	260815361	hypothetical protein BRAFLDRAF			2.3E-25	12.05582	14.17656	13.36241	16.49157	10.96478	7.231758	17.39841	9.162592	12.78825	21.31272	17.16197	18.60754	12.4383	12.54489	12.66963	12.41522	12.92976	18.99799	11.15163	14.01446	14.96193	21.94131	21.29948	16.05811	16.51171	11.86187	20.86861	
CUST_9269_PI429010886	N24349	0.030967631	12	3						20.52147	26.34051	22.63447	43.45889	26.84554	28.02603	21.33527	17.04641	15.59925	15.2772	25.04742	18.61475	29.3303	21.50122	28.91544	37.61646	22.1804	23.85867	33.63811	21.16897	17.5521	16.42417	22.99952	17.77566	31.65179	19.24428	21.0164	
CUST_9429_PI429010886	N24609	0.030967631	12	9	196012178	expressed hypothetical protein [			3.57E-31	24.46439	30.02799	40.21667	13.96585	25.90356	29.25965	15.00684	32.04295	16.5534	22.67723	40.45135	25.29001	36.65135	24.42859	39.39814	14.93559	18.96877	16.06768	21.52336	25.7276	32.64521	43.96327	40.01172	39.21711	14.06999	15.2353	32.01377	
CUST_10233_PI429010886	N25921	0.030967631	12	3						15.99496	27.77009	18.73795	25.80525	37.13496	28.4048	27.6893	18.13981	25.62527	19.30796	27.43793	20.23215	27.02687	25.57119	25.56932	27.39752	31.88139	33.44947	23.18254	17.48581	16.12609	22.70303	24.39861	11.30587	25.49024	18.48018	18.17826	
CUST_22006_PI429010886	N46417	0.030967631	12	0	383855186	PREDICTED: uncharacterized pro			2.77E-09	9.870583	9.304777	11.28257	17.54652	17.26425	16.69103	12.45594	10.11442	11.55337	8.526821	9.537706	10.86311	19.65735	14.53951	5.718078	13.89586	17.31531	11.01288	15.8387	15.52375	15.64597	7.06327	12.31076	6.562196	11.57021	9.982867	14.16584	11.90033	
CUST_25635_PI429010886	N52700	0.030967631	12	9						27.49657	29.55798	27.04804	25.22536	16.89933	17.213	30.05993	26.49621	27.99927	28.62359	29.15439	23.00944	26.47281	30.40674	26.96277	17.16578	26.23262	25.2621	17.23732	20.60022	27.1626	21.42165	17.11349	18.84141	17.2165	27.11349	
CUST_42085_PI429010886	M59353	0.030973734	24	21						316.8751	473.4786	633.4883	674.5328	376.7778	32.22863	468.8585	526.1263	1050.367	183.8614	242.133	120.6665	624.4152	291.5804	217.3699	167.9984	146.3133	203.6222	952.6113	575.1095	708.1548	652.5211	879.1441	844.6913	1019.08	395.6891	1355.196	
CUST_20426_PI429010886	N43414	0.030984241	18	12						5.265626	10.10725	6.650956	NA	NA	6.499455	7.132043	5.117121	9.215946	15.07177	NA	9.544263	14.21176	NA	37.06569	13.23642	5.451604	11.24042	9.77844	4.982765	12.7792	6.286258	NA		6.2741	6.017589	3.838663	11.82895	
CUST_30432_PI429010886	N61884	0.030987599	15	9						201.6125	34.71797	204.7788	362.7316	153.2144	424.5467	119.1208	233.9614	128.3674	391.9617	382.6455	394.0157	69.60581	318.1116	NA	81.78148	90.77498	148.2138	173.9585	302.7771	86.6454	251.9129	165.742	86.31943	270.6947	321.2079	556.8156	
CUST_45956_PI429010886	M70869	0.031005939	24	0	77743875	Euphausia superba isolate DGGE			4.45E-176	98.36388	83.17096	109.5188	109.097	80.63078	60.70253	93.24058	73.23385	107.9823	72.87552	61.16253	96.20921	102.7355	55.16243	39.70866	84.84924	59.97997	64.41139	61.4469	61.38551	57.44712	83.79749	63.69387	74.26533	71.56582	93.34171	131.3023	
CUST_49874_PI429010886	M87548	0.031008888	21	0						11.36956	7.717206	NA	9.199058	4.251763	18.05808	8.206817	4.961799	8.656479	15.85755	4.110982	6.945676	5.858162	2.967606	3.954306	4.595707	9.117714	11.34631	6.703525	6.64876	6.533775	11.40119	NA		10.16181	7.456173	3.894849	6.717766	
CUST_3648_PI429010886	N14957	0.031012359	21	0						NA	7.393617	11.52944	8.235338	NA	6.610983	3.325953	5.996867	5.893485	9.545474	5.603167	11.14051	3.752791	NA		3.174142	3.223948	3.977379	NA		6.052527	13.114	NA	9.445121	NA		9.970616	6.561084	5.831039	4.987484	
CUST_17092_PI429010886	N37346	0.031016576	15	3						33.98225	16.45936	11.4117	28.03594	NA	21.2447	47.4031	28.65621	24.47377	7.398978	17.32058	4.124803	22.1135	NA		16.70652	35.71025	10.47068	46.281	50.52783	12.74304	48.24962	5.132796	29.41761	12.85464	9.098207	15.12028	4.629057	
CUST_35163_PI429010886	M11779	0.03102594	24	21						37.88664	22.60509	41.69494	34.07747	36.00722	35.48951	30.43559	22.29626	27.72879	38.98386	36.40013	38.47393	43.96941	34.65789	40.75473	45.34892	30.65156	30.77878	40.59088	28.21525	36.37756	50.27602	40.46451	43.57748	45.70271	28.36733	37.34026	
CUST_44474_PI429010886	M66094	0.03102594	24	21						514.7289	406.3531	479.9831	482.0377	348.3823	308.6874	298.439	254.1458	363.8565	335.3114	359.2536	458.147	529.579	339.7941	439.2301	450.394	476.7459	463.9651	364.7211	431.6201	337.9166	562.4363	405.3815	535.89	538.4885	402.6495	602.1887	
CUST_13106_PI429010886	N30587	0.03102594	24	21						17.26114	14.13842	17.40265	17.10019	21.37086	20.96992	7.396692	12.8639	15.09107	14.00343	15.85928	21.36623	29.25965	21.9708	10.43238	14.71976	30.25225	17.43476	21.31454	20.39754	19.14803	20.13304	26.45217	24.94228	15.87243	21.02556	23.58742	
CUST_2864_PI429010886	N13271	0.031053241	15	12	321463013	hypothetical protein DAPPUDRA			1.52E-101	74.67002	50.24652	78.67205	134.1618	399.5386	330.6996	61.82712	57.59663	47.78312	73.30672	296.0318	307.7409	76.55656	133.7038	169.1253	62.96095	227.9934	114.8083	45.5523	77.12608	64.12746	49.67735	56.44652	62.1017	64.75498	67.31813	62.19095	
CUST_22894_PI429010886	N47867	0.031053241	15	3						33.53984	40.45937	30.6774	34.24084	40.90642	47.55964	10.19945	37.07514	37.632	16.63236	53.25197	26.00555	27.03026	17.56701	31.20454	25.71381	25.04161	35.47927	48.91311	67.82594	74.83312	37.27103	33.84542	36.55366	34.38713	40.93434	62.78718	
CUST_23280_PI429010886	N48559	0.031111153	21	9	378828690	chitinase [Pandalopsis japonica]	Metabolic process	Carbohydrate metabolic process	2.32E-25	349.9633	130.9346	230.9748	442.5726	791.0912	571.275	151.6954	267.3602	109.892	365.4954	957.7854	765.1767	390.8971	570.1346	610.334	160.9374	103.5544	84.58847	148.4289	193.1329	100.1289	298.5479	312.4297	313.8573	59.95532	413.9053	255.1321	
CUST_8976_PI429010886	N23880	0.031112513	24	0						370.4445	465.2004	367.8176	319.8754	406.8432	316.081	375.6666	359.5095	358.5953	325.2782	352.9709	330.1216	336.1378	317.4998	368.4034	352.0102	371.0059	418.3708	379.8743	404.6157	343.4733	362.8786	386.9815	406.254	374.9091	395.9506	405.2976	
CUST_5387_PI429010886	M10503	0.031115164	21	18						273.3393	285.9989	304.4438	270.6947	222.7248	249.7708	259.3203	269.8306	269.9763	317.4998	250.35	245.9078	241.1815	237.0207	197.7073	241.5367	275.386	331.6434	319.3547	275.7847	247.1557	241.1257	240.3413	287.0864	411.2361	260.3413	287.0

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_11672_PI429010886	N28214	0.031408613	12	0	541047328	neuferricin-like protein [Ascaris	Developmental process	Nervous system development	5.02E-51	32.31005	40.77521	37.17059	15.14706	14.89459	25.19327	26.64465	32.12942	33.07256	23.74587	23.42712	19.34867	28.38277	36.07467	32.19938	30.2584	38.86739	39.82654	26.81873	26.96496	36.615	14.34832	36.41874	28.01116	42.17431	39.76397	35.15693
CUST_22464_PI429010886	N47074	0.031410402	21	6	405954238	Membrane-associated transport			4.2E-13	10.69455	12.81539	7.095312	16.5534	28.95229	20.79498	18.84878	13.99004	17.04802	15.43656	26.79608	13.24592	19.33037	15.81139	14.6246	14.39483	13.66341	6.935134	18.1992	10.93144	12.59938	17.49943	6.558697	12.61861	17.5198	13.34035	19.80567
CUST_6496_PI429010886	N20177	0.031412809	12	0	321459927	hypothetical protein DAPPUDRA	Metabolic process	Lipid metabolic process	3.47E-72	4.305772	19.95043	12.54368	3.494399	11.28257	17.53224	10.32367	12.54368	20.06249	NA	36.87147	20.44981	NA	16.89826	10.19561	4.353456	16.84845	7.853693	37.07884	59.97997	99.87189	NA	25.84326	18.50063	21.29948	13.36241	17.85791
CUST_26338_PI429010886	N54072	0.031442876	18	15						1118.881	2070.818	961.4773	1417.404	786.6307	992.2562	1796.427	1083.233	1071.049	1708.901	1125.025	895.1277	2119.199	1485.843	1748.513	1895.668	2320.751	1753.571	1110.326	974.36	1095.503	1386.294	766.5607	1367.344	2006.118	1460.387	1050.844
CUST_19893_PI429010886	N42402	0.031456529	15	3						278.9328	203.7634	396.2592	277.2489	320.1071	223.3609	272.4392	280.4189	382.1124	206.2842	259.3611	205.536	197.3334	183.9085	208.9983	315.1053	263.1307	266.255	342.9765	312.7556	319.4595	240.9301	249.928	232.3243	302.6664	175.7096	337.4051
CUST_10307_PI429010886	N26034	0.031465864	24	15						363.8565	432.2687	379.6985	370.9049	365.6513	374.1555	394.3642	294.481	385.4238	428.6927	292.8189	377.3111	373.0445	321.0799	312.1666	520.7346	440.2791	448.9533	461.0647	377.6097	480.1172	443.2849	399.2455	444.244	475.5631	360.4299	459.9674
CUST_5473_PI429010886	N18750	0.031489113	12	0						1563.253	1603.304	1834.729	1259.516	1902.67	1545.477	1281.883	1321.031	1560.774	1298.045	1702.984	1627.485	1630.398	1789.218	2447.506	1528.323	1931.709	1493.774	1528.323	1375.747	1581.87	1380.017	1820.572	1483.086	1695.11	1656.675	1891.416
CUST_26715_PI429010886	N54755	0.031489113	12	0						60.03374	40.24112	78.34836	88.5599	57.92039	46.6169	42.32017	59.3504	48.88764	59.78407	50.4892	55.43882	61.2068	76.58195	89.33073	38.92916	24.42528	28.44038	15.73759	21.09601	12.43008	66.91624	60.91215	72.49896	10.74336	77.84495	80.68221
CUST_8048_PI429010886	N22467	0.031491566	21	15	312380302	hypothetical protein AND_07690			1.77E-39	31.40589	32.04577	22.32831	24.93768	28.44753	19.47777	28.08439	21.21298	26.99645	35.78636	32.56414	35.06077	32.93138	23.84404	29.95843	46.30799	27.42138	42.98811	31.45923	27.20014	32.40149	39.25338	22.43161	25.54219	31.32591	22.76835	28.05593
CUST_19594_PI429010886	N41837	0.031498466	21	3						316.4278	217.7635	362.9994	352.9709	264.2234	314.0471	271.8944	204.7458	245.059	337.46	249.3839	258.6163	255.3925	198.3111	190.0165	331.2753	259.1614	295.3547	217.8031	236.0521	189.6824	367.8176	253.4016	285.4272	373.0445	277.0946	350.649
CUST_20870_PI429010886	N44217	0.031498466	24	0						249.888	232.1097	221.8495	277.1553	157.3439	164.5654	164.6589	176.6026	154.3725	282.3692	124.3244	214.7361	191.5119	179.6766	138.2385	188.1296	154.3451	148.107	179.7028	194.6096	153.2899	292.0008	172.0396	214.8056	251.9547	233.7126	194.6568
CUST_39810_PI429010886	M45020	0.031500755	21	0						466.3373	NA	363.8565	424.7669	360.3638	279.2412	11.26916	8.797471	4.77001	538.8011	356.6506	374.7855	693.9081	236.3422	404.7958	NA	NA	NA	26.43885	72.15056	62.11363	369.5842	614.2194	598.5974	101.9053	283.7827	127.4388
CUST_47075_PI429010886	M74730	0.031507411	21	9	383848471	PREDICTED: uncharacterized prc			9.04E-32	31.43117	26.43013	27.17222	40.9293	41.16872	44.08647	37.28248	34.59167	28.92251	40.07856	28.36166	49.66595	32.89225	33.89397	54.40508	45.22907	39.91801	40.02841	34.90142	22.84762	34.87919	28.26579	28.17748	27.46909	46.29157	31.66129	38.19091
CUST_27438_PI429010886	N56059	0.031507411	21	6						54.76807	63.46562	44.0823	98.66873	57.49967	61.39194	173.5895	88.04969	157.4759	127.2978	77.26866	84.78014	134.8607	107.4986	73.50942	158.3685	94.85229	115.7715	129.9776	50.57582	99.34395	72.4473	92.33626	65.01967	106.8469	99.57709	125.3758
CUST_40859_PI429010886	M56242	0.031517047	24	12	298162780	early cuticle protein 6 [Callinecte			1.62E-14	1627.485	1373.854	406.254	1546.88	17254.51	8484.924	2443.901	2595.878	1477.508	262.7025	13154.56	16106.84	772.5597	14389.61	13716.26	3281.159	697.9099	2159.534	1752.658	829.469	1573.048	85.98865	1441.945	78.73755	328.5727	3140.215	46.6169	
CUST_52168_PI429010886	M96624	0.031524574	21	18	332016590	Glutaminase kidney isoform, mit	Metabolic process	Cellular amino acid metabolic process	1.7E-26	11.18027	20.12179	13.00979	14.53734	18.87393	11.91014	13.0253	15.57566	14.70489	16.99898	11.25075	11.42694	8.480906	10.64938	9.157379	19.65297	12.34025	28.86811	18.86307	15.97275	19.06321	21.7987	11.71415	20.76019	11.30985	17.93113	18.49355
CUST_4569_PI429010886	N17047	0.031525301	24	0						27.52155	15.36995	18.55929	8.667029	12.43008	NA	15.46338	5.824358	9.99914	4.759461	7.38756	8.366851	8.635855	7.403761	11.79315	20.20229	30.47018	15.50271	6.426184	8.461781	16.02629	12.10349	5.837765	14.78309	24.43106	9.916433	15.99154	
CUST_36521_PI429010886	N61579	0.031557619	24	0						23.69946	25.25638	18.6455	14.65727	13.64514	10.18759	14.07446	10.06086	29.12453	12.34931	7.578741	11.78126	20.06847	15.64145	7.132043	13.64514	25.03915	27.4271	16.70064	22.20755	18.36321	19.09908	19.67697	14.8912	20.94819	15.34243	20.80721
CUST_55461_PI429010886	M110235	0.0315617	24	18						50.92071	47.53635	52.77429	37.69532	36.4809	38.94229	39.58266	31.70729	46.68118	51.70196	46.54974	51.19908	61.89058	36.1964	48.78475	50.95275	45.17758	56.48171	58.37796	37.01948	58.39443	73.85955	47.16802	45.1102	49.91567	43.18058	40.78067
CUST_32963_PI429010886	M5576	0.031560337	21	18	242013351	conserved hypothetical protein [	Nucleic acid metabolism	Regulation of gene expression	1.06E-63	108.1577	70.45005	59.25391	62.49633	104.3843	56.14643	75.56353	68.61527	42.75885	46.72264	58.81576	99.84349	77.45378	74.66025	101.1475	89.01062	81.25192	122.1735	75.84873	115.1151	103.4755	77.98875	66.42663	100.1289	49.07635	89.67162	
CUST_2484_PI429010886	N12482	0.031564337	18	15						1496.297	2256.232	2038.719	1180.485	935.873	759.9978	1221.709	1380.586	1450.664	1903.836	1569.464	1304.861	1663.655	1093.204	1752.658	2127.944	2051.901	1616.307	1501.763	2049.491	1633.469	1671.759	1331.886	1488.548	1648.551	1739.059	2119.199	
CUST_27391_PI429010886	N55965	0.031604143	18	12						19.28269	12.57883	25.52576	38.23223	177.0208	58.05667	21.59198	14.35464	20.15802	33.24527	122.247	87.17685	50.25586	170.3943	208.7171	23.12555	29.04223	18.59104	22.48649	26.29555	20.61088	26.6468	26.96496	20.68379	20.72028	28.12879	33.92168	
CUST_38863_PI429010886	M31314	0.031606175	24	0	2499378	RecName: Full=Compound eye c	Signal transduction	Other	5.68E-29	11612.18	15900.37	13591.98	7794.971	5265.552	5043.311	6255.734	9285.648	7058.228	7279.608	6945.783	7621.268	7900.843	8818.425	7568.31	15461.72	17254.51	11305.05	7290.969	9516.402	6818.249	10683.23	9257.227	7327.614	10464.54	12359.97	11738.35	
CUST_56986_PI429010886	M115059	0.031610895	24	15						6430.973	10795.65	7937.877	7090.073	5442.505	6079.326	8073.399	9578.799	10550.02	7071.199	7100.104	6966.12	7585.802	6116.36	3525.214	14670.24	11378.62	10949.85	11475.48	9257.227	11588.48	9855.129	8227.781	9653.786	12378.85	8786.531	10605.81	
CUST_31874_PI429010886	M2630	0.031610895	24	9	321471907	hypothetical protein DAPPUDRA			3.54E-39	298.5983	235.5705	275.0563	439.7541	585.8731	745.1009	294.2691	448.8304	258.2414	221.8149	820.3087	786.3486	134.8108	950.7112	611.6853	255.866	230.2547	250.35	190.8547	211.0809	213.4123	219.923	344.1561	204.0717	175.5187	448.0132	190.1479	
CUST_42759_PI429010886	M61172	0.031610895	24	9	359485606	PREDICTED: uncharacterized prc			3.01E-11	307.9833	473.9767	84.63533	231.9984	1150.36	1012.36	426.4459	485.4687	267.4596	125.6606	1000.752	929.9574	144.058	723.9274	850.8759	285.3818	292.8798	259.7345	127.6821	439.3042	107.6547	29.08241	207.3047	46.67221	62.03768	671.5725	21.33527	
CUST_5142_PI429010886	N18310	0.031610895	24	15						414.4974	603.562	695.1268	495.0948	424.8811	458.147	546.2084	581.3213	631.4625	630.5448	440.6377	454.9515	620.4556	465.024	574.5775	618.7694	642.342	709.2377	623.1184	596.1129	830.4195	568.2556	544.6702	618.1517	599.6889	493.3336	804.3138	
CUST_12394_PI429010886	N29392	0.03163423	24	12						8.499991	7.789818	3.059126	13.72176	10.40975	9.578088	13.06086	8.493194	13.09363	11.72346	7.928135	14.17656	13.48307	NA	13.03156	16.57693	7.070367	10.90468	7.21871	NA	11.42944	8.509638	6.044071	8.596616	7.16974	4.420865	11.76708	
CUST_17641_PI429010886	N38326	0.031634439	24	3	307181589	hypothetical protein EAG_03176			9.77E-15	217.2347	NA	249.0225	240.7581	28.63092	199.8689	7.725643	7.085828	7.924882	14.18679	13.1553	17.54652	12.04956	145.3012	145.8669	3.155473	5.924815	3.648571	3.571105	NA	4.095804	65.1084	NA	44.14843	NA	7.99563	8.992091	
CUST_51429_PI429010886	M93518	0.031646557	21	0						56.34856	50.21608	91.10731	61.34753	40.2126	38.04316	32.89225	52.62255	43.80331	18.82944	32.50967	25.75202	51.61367	63.4481	49.59683	33.74242	79.2021	61.10664	23.14702	57.77356	33.63623	46.45729	88.62537	53.95752	34.01063	52.48812	35.04281	
CUST_12981_PI429010886	N30386	0.031646557	21	3	91078972	PREDICTED: similar to transgluta	Protein metabolism	Cellular protein modification process	1.74E-47	9.467901	9.602206	17.1166	20.81138	12.94217	16.5389	18.18461	6.595276	16.43018	20.63759	7.972458	14.20626	15.27866	11.10164	18.17381	8.958066	6.964525	5.942887	23.30296	6.66539	12.80063	9.854974	12.3024	15.7947	23.05084	10.75402	25.51207	
CUST_21843_PI429010886	N45959	0.03165288	24	0						231.9984	398.3951	311.9509	227.5418	257.6419	199.8339	113.3845	209.3429	219.5694	207.9921	309.2795	110.4251	200.0418	325.2782	219.4592	131.8579	374.5443	246.8231	258.7813	308.6292	265.6845	279.1951	214.8056	221.0264	267.8251	420.2294	408.1953	
CUST_8796_PI429010886	N23604	0.031708136	18	9	471414688	PREDICTED: zinc finger protein 2			3.13E-38	3.945248	NA	6.316445	7.417941	5.976227	4.274871	4.702547	NA	14.84915	5.853456	NA	7.638129	15.37628	6.52317	6.06107	4.783655	NA	5.024649	4.517478	4.475565	4.257043	8.922458	NA	3.469481	10.95477	5.283117	12.50167	
CUST_56230_PI429010886	M113203	0.031726018	24	15						1360.696	1676.387	1289.52	1276.272	1075.892	959.7319	1763.47	1169.783	1161.162	1593.454	1036.601	1348.794	1594.029	1195.535	1329.875	1969.061	1478.028	1810.6	1749.36	1336.583	1563.997	1604.901	1306.636	1734.409	1926.392	1188.558	1927.794	
CUST_31342_PI429010886	M1302	0.031726018	24	15	321458872	hypothetical protein DAPPUDRA				69.17898	100.1918	68.31562	91.59236	68.34584	80.43757	107.0618	76.42243	83.32737	101.0057	63.33519	87.08887	104.8945	66.18945	85.88791	116.5745	201.2812	145.5262	104.5613	92.33626	129.7968	68.17603	64.87968	94.23123	96.59602	80.15283	104.0465	
CUST_32246_PI429010886	M3621	0.031726018	24	15	380015144	PREDICTED: uncharacterized FAI			1.26E-61	216.0104	407.4228	309.4164	244.1329	240.1155	250.8083	217.0412	384.4369	285.3818	254.618	290.5478	241.668	265.9313	291.4994	243.6336	330.8653	443.0968	310.7267	275.9873	297.9948	317.7216	253.8613	309.878	302.7218	291.198	260.752	326.6921	
CUST_32722_PI429010886	M4932	0.031726018	24	15						65.97782	103.3216	70.0874	44.80331	73.84495	57.33149	57.21256	85.63473	68.92058	69.72385	75.054	90.60669	69.12973	66.05158	88.22605	90.83407	88.51224	92.20119	76.11372	84.1875	86.08655	76.21108	86.1454	97.74585	80.9995	65.35932	100.5778	
CUST_45354_PI429010886	M68829	0.031726018	24	15						6818.249	9013.443	6631.875	7912.634	3739.191	5336.579	9759.347	6999.724	9837.56	7912.634	5322.868	5992.677	8086.369	4266.005	5350.891	12141.91	10550.02	10987.48	10408.52	7290.969	10835.48	7439.177	6744.57	8146.369	10109.9	6845.752	9578.799	
CUST_152_PI429010886	N1733	0.031726018	24	15						8547.585	10746.95	8591.806	8348.895	5514.378	6010.065	10664.62	9444.83	10683.23	10090.54	6109.222	5900.066	9954.878	5451.324	7663.711	15847.39	10727.23	12836.63	12165.66	8417.477	12584.9	9791.81	9067.463	10949.85	13222.77	8269.17	10077.64	
CUST_13247_PI429010886	N30843	0.031726018	24	3						140.0577	147.7126	61.60595	62.2112	527.9796	468.1951	131.5353	312.2172	116.3209	30.21523	213.9775	212.6443	46.44259	123.3372	156.8658	48.19549	41.05749	30.74237	45.70271	399.7084	39.07435	39.42252	146.3365	51.96584	26.19863	470.1035	59.72832	
CUST_14870_PI429010886	N33607	0.031730167	24	0						95.14144	94.12797	85.65293	95.98627	86.83154	79.70599	79.09493	78.01928	50.84163	107.2833	74.15901	83.43947	75.68836	61.74773	44.54779	86.05106	78.06756	78.46823	102.0776	81.75855	44.44554	86.59225	65.05732	78.92328	93.83228	91.97617	78.12052	
CUST_34225_PI429010886	M9105	0.031731075	24	18						195.2227	271.8414	246.083	202.9968	200.181	174.172	229.5682	218.8639	258.4078	282.8168	196.9837	239.4431	264.6763	164.5654	239.642	268.7721	280.4572	265.541	283.7827	231.374	320.4829	291.0948	229.1648	293.568	297.188	233.8809	382.5381	
CUST_19786_PI429010886	N42187	0.031731075	24	3	524882428	PREDICTED: uncharacterized prc			2.26E-19	68.4765	32.29617	59.62625	115.7824	65.0271	99.3998	33.37054	58.30569	30.18887	67.17319	63.47256	61.05496	40.91214	54.65618	46.56473	51.6516	50.68042	52.12177	23.75571	39.77797	43.84283	59.05616	30.94993	46.62193	30.87082	31.26158	39.90127	
CUST_44932_PI429010886	M67454	0.031753556	24	3						31.75441	24.31913	NA	7.735995	34.89809	49.94958	29.29782	17.5198	22.39225	NA	12.6791	NA	6.06107	13.04564	3.697628	12.1461	11.59198	4.671965	14.08558	32.28853	5.967574	NA	19.12194	NA	3.413825	50.98858	NA	
CUST_6497_PI429010886	N20179	0.031759675	18	6						11.93224	37.4753	38.59753	56.09226	58.82712	15.54937	55.128	30.42641	69.43522	57.85506	52.92831	50.04164	53.56818	19.8869	29.37527	13.1424	65.46439	45.5523	48.5496	39.03986	39.18322	44.07411	67.78024	59.74362	50.384	107.8221	111.2526	
CUST_45093_PI429010886	M67982	0.031783658	21	15						183.8806	263.1307	202.4277	185.1157	410.2294	307.1364	276.4387	264.0732	247.3301	176.6544	397.867	289.4524	218.8175	388.156	415.6373	310.4343	376.3542	314.1063	240.6918	241.0144	309.4164	182.5875	261.1366	186.0544	259.675	286.8701	268.4876	
CUST_46955_PI429010886	M74305	0.031842923	12	0	226374370	peroxinectin [Fenneropenaeus c	Response to stress	Response to oxidative stress	2.9E-29	47.21843	23.91545	54.68333	20.60087	29.74161	21.19056	38.32178	26.92758	9.600991	18.39978	24.57559	19.60068	44.43625	22.10476	45.1536	51.06491	50.30283	39.72002	21.37086	17.82084	9.509852	50.72554	31.72143	25.23371	90.3392	62.80159	25.95548	
CUST_10076_PI429010886	N25655	0.031842923	12	0						29.57251	21.73011	24.96583	26.41463	23.78251	21.73011	17.80788	24.43634	16.85775	16.84413	20.13002	35.72049	29.35282	36.09484	26.94942	24.26872	27.99927	27.47797	19.77651	21.2447	13.34178	38.40373	14.56816	24.54259	23.9895	22.83375	29.38566	
CUST_20164_PI429010886	N42927	0.031851225	18	15						31.11715	37.77333	32.25543	21.51658	29.84354	29.29497	39.36946	23.71154	30.72076	19.57461	30.12869	41.01272	37.27103	24.82555	56.00071	39.55139	45.72137	27.7157	31.77263	33.54781	30.96531	25.34024	29.91003	20.35494	28.1014	15.95467	36.26082	
CUST_25147_PI429010886	N51867	0.031886406	21	18						3.97378	NA	21.52336	6.4006	3.559352	18.36321	15.56566	NA	10.10592	21.48216	9.501041	NA	15.6646	10.76826	13.18135	18.46557	9.179179	19.7243	20.2995	10.68031	28.5452	13.95493	10.57021	13.20115	9.684334	9.847221	6.871633	
CUST_16930_PI429010886	N37095	0.031890326	24	21						164.5342	259.8835	233.6058	163.2608	203.6222	143.5029	159.9962	217.0412	237.835	209.7702	227.5059	189.2095	256.6162	185.937	190.829	176.2669	213.853	201.277	202.9636	218.2236	260.5562	252.8481	321.2836	330.7777	266.4734	223.7463	316.4801	
CUST_9497_PI429010886	N23969	0.031892969	12	9						323.5322	404.5068	475.7126	573.1346	629.4202	280.7963	1275.515	358.8543	1179.914	725.6388	1972.842	796.612	1430.525	1086.19	675.9355	2004.439	575.8406	715.6987	384.4369	1224.453	1227.645	427.391	1054.885	2278.847	2524.203	275.239	1214.645	1564.909	
CUST_22520_PI429010886	N47180	0.031919235	21	18						67.19251	102.9317	95.12721	67.01762	50.52247	60.06954	96.9591	98.65475	109.4907	91.54439	46.70567	51.84875	59.797	60.58102	46.33666	112.2407	81.51736	98.75554	133.5489	104.0183	113.2744	75.51715	92.78173	67.53158	100.59	98.1824	108.1961	
CUST_52230_PI429010886	M96784	0.031922638	18	3	457874409	hypothetical protein PCYB_1258			1.73E-08	5.748942	NA	8.557191	10.01207	NA	NA	NA	13.7144	5.57575	3.416238	5.543841	6.177396	4.000327	NA	4.999505	NA	12.6423	7.026862	NA	5.363914	5.459644	9.937052	11.06753	12.82342	11.90033	6.583316	8.76542	
CUST_35291_PI429010886	M12158	0.031933984	21	15						137.1639	164.0887	190.5205	163.4271	202.7406	145.6782	162.4391	156.8401	140.0219	157.1785	163.5142	164.8179	181.0813	152.6639	197.5273	174.5649	228.9535	188.0574	164.1331	164.4418	190.1479	186.1038	166.3221	192.5048	144.6606	179.7537	159.1067	
CUST_47708_PI429010886	M77275	0.031952409	21	9						19.38387	NA	11.57188	16.52547	NA		13.71572	109.0197	18.81762	61.49211	143.8296	105.5272	NA		73.0273	59.41357	34.44149	69.08095	47.99749	64.88027	6.981927	71.66506	69.73801	63.15515	8.200935	54.55547	47.84164	NA		46.95394	
CUST_45309_PI429010886	M68663	0.031968669	21	15						35.04281	30.57247	26.97175	19.79478	29.41761	24.65528	28.098	33.66656	17.65126	23.49112	26.73304	28.75654	20.8665	28.72062	28.2205	34.69169	42.99816	41.35381	25.55884	34.02124	40.00526	27.50147	43.03288	29.24359	30.3574	29.04223	32.66215	
CUST_16698_PI429010886	N36711	0.031974264	21	15						233.6384	273.9417	260.2914	253.8613	306.7294	245.2781	259.675	236.6856	247.2845	238.5827	240.3937	233.2689	261.3125	231.8895	240.5773	342.3203	303.1963	342.3203	236.9175	246.7787	297.8139	279.6802	276.7645	282.6016	263.0087	286.4183	281.4085	
CUST_21437_PI429010886	N45218	0.031974264	21	15						21.30099	26.9245	26.62997	22.43161	20.50045	19.7654	26.85809	26.30647	19.34679	18.78483	15.7122	25.42868	32.36969	19.32541	29.43649	38.93757	29.10478	27.96239	25.99676	19.16983	27.87953	34.28702	23.74286	29.30711	24.95817	22.15452	22.80251	
CUST_20344_PI429010886	N43273	0.032009114	18	12						39.49333	30.73939	39.02298	45.64916	36.78126	35.1903	29.72606	31.34548	46.24822	52.7448	47.31561	40.38119	49.9386	34.08743	48.85342	55.73395	66.02134	42.4928	35.47011	34.96505	34.72664	40.3323	36.60452	40.17351	48.84814	47.82263	49.13607	
CUST_22911_PI429010886	N47906	0.032013739	21	0						21.91017	28.46437	30.82949	21.42599	24.01703	21.69652	19.28269	29.87687	22.68453	20.2776	16.22155	17.47131	27.08219	28.75654	21.44677	14.05708	18.16767	15.92281	19.7414	27.24634	30.20183	25.06929	42.78489	48.07833	15.929	13.94586	28.0791	
CUST_54255_PI429010886	M105308	0.032057524	21	15	260809397	hypothetical protein BRAFLDRAF			8.57E-19	11.72848	12.08298	20.43485	14.39849	17.73766	7.783571	7.677339	15.56681	17.35447	11.00571	10.47068	14.0591	15.28035	20.76565	12.5848	20.66527	16.71379	21.7225	25.59906	18.55182	20.8665	7.402375	12.57186	23.28393	14.82044	11.64005	16.56735	
CUST_4609_PI429010886	N17125	0.032072399	18	9						23.72424	22.60699	32.80252	28.79058	39.41926	23.47597	21.16225	20.80953	29.65959	34.63788	49.99888	36.48523	26.24865	21.83061	31.53769	23.16272	16.57282	20.60634	19.86462	19.64634	24.33043	24.6974	29.96804	31.90391	23.13661	29.32221	30.69119	
CUST_50154_PI429010886	M88848	0.032073277	12	6	321456360	hypothetical protein DAPPUDRA			7.07E-13	10.75951	NA	5.292582	21.3729	NA		12.36294	89.65818	NA	58.05667	29.71923	NA	2.997288	25.81236	NA	9.981463	26.04551	NA	14.63182	74.26533	140.7771	249.5189	25.81956	NA	25.05161	52.18229	11.97624	37.16411	
CUST_36474_PI429010886	M16005	0.032083642	24	18	405966808	DNA-directed RNA polymerase I	Nucleic acid metabolism	Transcription, DNA-dependent	6.81E-16	16.04505	31.23427	28.37038	11.08682	12.49687	16.9478	28.40109	43.07828	36.52323	16.80772	27.3523	24.17495	30.32287	18.81173	20.4296	27.12211	29.92819	30.11811	27.35733	43.67914	43.55661	19.63566	32.69926	18.63942	26.48147	23.10247	34.87919	
CUST_43325_PI429010886	M62739	0.032083642	24	18	321478902	ABC protein, subfamily ABCA [Di	Metabolic process	Nucleobase-containing compound meta	4.75E-53	106.9179	122.3346	116.6823	95.18929	95.74045	106.2889	126.6578	115.3273	122.5288	158.3928	90.44348	108.8194	137.8214	88.93364	122.1883	139.1364	125.6025

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_53772_PI429010886	M103123	0.03249824	24	15						22.60277	31.82327	32.16695	26.05011	18.74591	25.46958	20.819	37.58637	41.95534	24.16822	39.63021	38.74481	15.33773	38.76999	35.0396	55.88596	41.50754	51.75972	41.22261	26.36289	50.1877	65.83412	39.16223	45.91877	50.29492	48.23305	24.91503
CUST_54347_PI429010886	M105657	0.03249824	24	9		242007778 cutile protein, putative [Pediculı			6.21E-12	263.0994	59.48241	52.22249	281.4753	72.85755	90.01966	210.4634	40.40244	19.77825	331.9294	110.9763	92.87822	244.8878	88.98877	65.27494	97.03233	33.92845	131.9455	14.6635	61.15056	63.2206	25.03965	40.16939	46.66635	17.82881	97.59576	54.04744
CUST_32727_PI429010886	M50950	0.03249824	24	15						113.1623	172.187	132.329	109.5041	131.2392	111.5887	130.5163	148.9308	140.4108	135.5663	134.4587	142.9612	153.1388	121.8531	135.7428	115.1466	168.3995	130.9169	146.953	162.0267	119.4775	152.4015	137.2667	118.702	156.9197	131.8579	
CUST_32759_PI429010886	M5050	0.03249824	24	15	321468094	hypothetical protein DAPPUDRA	Nucleic acid metabolism	RNA metabolic process	8.87E-28	59.41831	102.608	99.48565	81.91952	55.6719	46.81937	87.56469	88.97825	103.0482	72.04545	69.84655	62.11789	109.425	78.49976	72.27956	100.5213	130.24	124.685	99.01871	90.30614	121.3634	117.6125	80.37006	107.4112	122.4622	92.85843	112.2102	
CUST_46768_PI429010886	M73671	0.03249824	24	3	374719840	trypsinogen 1 [Litopenaeus vann	Protein metabolism	Proteolysis	1.4E-17	3558.043	34.22563	3281.159	3660.946	3522.391	3301.049	106.2034	293.0253	327.6721	3675.29	4727.546	3503.626	3202.946	1852.945	3593.994	47.68118	20.2926	53.04169	230.0139	583.5463	461.6561	2886.102	2761.678	3790.113	656.9404	2604.346	1736.886	
CUST_52062_PI429010886	M96283	0.03249824	24	21						3301.049	4900.819	4383.744	4548.63	1750.013	3014.898	3715.857	3871.525	4288.608	4841.865	3232.565	3135.16	4694.435	2636.073	3509.087	3405.379	4783.413	4733.525	3867.347	3774.541	5374.176	5298.376	4960.329	6358.535	3886.966	3825.101	6265.89	
CUST_5099_PI429010886	N18254	0.03249824	24	15			Protein metabolism	Regulation of translational elongation		649.314	1322.806	875.0518	770.6654	756.356	685.4537	981.6108	1027.321	893.7709	848.7243	762.1289	741.6851	724.9498	749.3538	797.7145	1137.925	1488.548	1465.124	967.7143	937.5478	1069.78	696.5086	906.8146	906.4938	896.6099	894.7312	1117.04	
CUST_5547_PI429010886	N18846	0.03249824	24	15	242006641	Chondroitin sulfate synthase, pu	Metabolic process	Carbohydrate metabolic process		101.4958	151.0875	118.8271	96.14621	101.105	107.7085	109.8522	140.2946	115.6261	103.9519	103.3439	110.3551	113.8607	110.9284	107.1873	125.2132	159.6647	167.9694	113.666	127.633	139.5639	115.2993	110.6304	115.8122	129.6511	117.1085	137.0969	
CUST_27920_PI429010886	N56941	0.03249824	24	15	321475277	hypothetical protein DAPPUDRA			1.27E-30	8.724815	7.24584	6.403672	6.503833	8.515524	4.717564	9.547929	6.432193	7.895218	12.11574	13.69996	8.160789	12.78096	8.818102	11.21622	18.59394	38.89189	10.60534	6.064642	6.784619	11.61188	10.03307	14.06254	14.28052	16.82913	10.29995	13.47249	
CUST_33075_PI429010886	M5905	0.03250676	18	3						7.692332	12.81892	7.970211	9.556905	10.65258	NA	12.66963	10.12124	3.682106	6.152029	12.83977	12.09389	5.305303	6.76308	5.655273	9.63137	11.02607	7.523467	11.07393	8.825422	9.322519	16.59634	11.1702	11.21079	9.991081	8.496116	14.23509	
CUST_54325_PI429010886	M105588	0.03255044	12	0						345.674	205.536	420.9575	263.0521	283.749	281.0852	196.9837	190.1223	225.1246	290.3829	214.117	247.2393	316.8751	257.956	335.0262	228.3687	216.1326	207.8099	277.2002	204.4688	240.5209	321.4975	242.9432	241.7527	320.3348	224.6222	267.8251	
CUST_46388_PI429010886	M72494	0.03255368	24	0						218.0736	203.392	247.8796	187.7437	136.9272	169.1953	205.2408	176.7166	175.8536	204.3998	160.4433	200.7515	223.277	174.1094	169.6715	211.5442	199.2487	227.5418	168.0943	199.4568	203.7634	253.2436	215.1868	236.6326	241.364	208.794	272.3474	
CUST_54342_PI429010886	M105646	0.03258808	18	3						84.40775	75.1848	80.87979	78.22197	79.85553	112.9084	73.96504	68.24011	81.66223	83.9013	84.47977	90.74217	64.93737	56.60765	51.14752	78.9339	72.73375	66.17651	101.6904	68.95176	50.23264	128.9375	73.36846	93.03552	108.3596	70.14108	87.29007	
CUST_36184_PI429010886	M14914	0.03265339	15	12						37.03185	28.41796	34.57091	38.9748	24.26626	30.46326	14.62025	7.298709	7.793073	28.51548	34.49684	18.16224	57.68508	6.437589	45.53057	25.05787	32.61311	27.21619	14.0177	20.66527	7.17884	20.95678	12.68546	15.4017	24.04006	7.584815	10.81984	
CUST_14841_PI429010886	N33558	0.03266396	15	12						12.77646	31.33292	16.80142	10.13586	34.97876	22.02956	15.28733	12.76575	11.63269	19.84259	38.86376	23.93863	19.5625	39.03986	27.21619	28.28196	27.03026	12.94612	17.20923	25.62527	10.12252	10.60449	16.84207	15.74279	23.73245	58.67768	24.05806	
CUST_43123_PI429010886	M62119	0.03267923	18	9	321454613	hypothetical protein DAPPUDRA	Reproduction		1.48E-27	15.38781	11.38568	17.0629	25.85237	12.57527	24.52901	24.2121	7.075663	12.76732	30.09371	25.30132	37.36406	32.3737	25.16714	22.60704	15.84358	15.96858	13.83383	19.25567	7.664784	10.52564	35.87313	14.55272	19.01591	19.9436	13.37563	21.55398	
CUST_33811_PI429010886	M7937	0.03267923	18	15						122.6936	320.8974	96.9319	105.2562	106.1034	130.586	187.286	160.1938	140.444	88.94466	104.9377	81.48573	146.3365	211.5442	154.6882	182.6769	263.0521	211.695	182.8746	172.2349	137.0969	77.78042	160.766	73.30672	131.8269	163.2927	86.67082	
CUST_51875_PI429010886	M95501	0.03267923	18	3						25.99138	38.17039	34.33958	34.01063	37.94596	23.49112	23.10247	36.26885	36.58776	36.26082	62.85008	61.4814	43.78952	42.27337	29.14856	22.59724	58.55963	51.51478	26.62997	27.49657	34.98836	21.8966	37.28898	20.73429	39.97592	52.76213	34.20262	
CUST_43599_PI429010886	M63466	0.03267871	18	0						539.3693	495.7052	8.381188	175.7896	16.71688	169.7494	485.5854	297.9948	295.1733	25.67433	16.70465	7.35203	59.6688	281.3641	30.93842	514.0806	143.5029	183.0417	324.1912	356.6056	330.9867	NA	478.7694	NA	68.32149	281.9984	11.20624	
CUST_31248_PI429010886	M1072	0.03272717	24	18						155.0383	224.4732	172.8416	125.9335	110.145	113.92	155.4242	143.2463	171.8869	185.7539	126.4673	140.9438	196.4115	137.2489	147.8633	157.6398	186.0269	196.7017	145.5634	162.5974	197.3862	178.4726	194.3125	229.9275	192.4672	146.8442	229.7005	
CUST_26465_PI429010886	N54289	0.03272717	24	21						33.28409	21.12976	29.39693	26.37866	13.48993	20.45505	29.55798	13.34535	33.00277	30.13995	16.44342	23.27767	15.31518	16.05617	24.51979	34.52377	21.18826	18.82327	35.43021	21.81628	35.88575	31.33584	69.01316	35.74167	32.0098	19.91817	43.5017	
CUST_49279_PI429010886	M85003	0.03274103	24	21						16.66	25.45483	22.61783	14.1297	23.72424	20.97815	16.41161	30.40072	24.88093	21.98453	17.05901	20.4011	18.72559	19.15894	21.83479	36.9244	26.30955	31.7949	33.62389	24.80368	28.57519	25.0763	30.905	33.77513	27.23388	24.38824	43.51485	
CUST_37953_PI429010886	M22448	0.03272585	21	18	386376737	hematopoietic prostaglandin D s			6.34E-52	157.2999	506.1561	295.1733	254.9324	111.1388	283.4149	176.9877	536.489	618.5099	316.7134	216.6807	199.1442	178.8078	147.2992	136.4616	261.5479	361.3178	451.2333	626.641	545.4629	605.4928	491.9043	436.0075	556.8156	603.0231	297.8825	632.1075	
CUST_24622_PI429010886	N50962	0.03272585	24	21						19.64434	20.24228	30.09026	17.01131	17.07298	10.56444	19.7933	15.44846	15.26493	22.34605	15.3457	22.77225	18.7439	15.4594	13.114	27.39273	13.61765	21.48961	35.15693	16.17891	20.02577	32.92024	21.29142	25.04161	27.51681	19.04014	30.14806	
CUST_16242_PI429010886	N35902	0.03272810	21	3						45.142	61.13851	62.38786	49.79667	66.2384	57.22713	63.05176	52.69375	57.53339	58.87877	68.37633	34.88898	46.59528	53.05277	49.49937	49.7832	50.8191	55.62648	49.96679	45.5523	39.05628	53.9262	61.68952	45.77544	73.4071	66.75504	54.93024	
CUST_46542_PI429010886	M72948	0.03279859	15	0	83939666	ribosomal protein L8 [Litopenae			1.84E-17	898.791	1132.862	1108.146	896.6099	818.0478	959.3506	1082.664	913.1879	1266.211	961.2009	728.8717	762.4429	709.4562	895.8876	695.1268	1331.886	1115.136	1505.065	1221.044	914.2819	1237.412	1008.499	851.4962	767.3697	949.6232	852.5352	655.6894	
CUST_33891_PI429010886	M8139	0.03279342	21	15	330367404	Gryllus bimaculatus Act mRNA fc				3786.16	5545.402	4560.074	4583.265	3428.918	3460.858	4988.039	5172.899	3956.525	2998.296	3316.279	3011.975	3528.773	5073.866	2398.339	5151.779	7450.782	8348.895	4279.69	7731.941	9241.731	3956.525	4545.107	3654.032	5545.402	4234.05	4342.518	
CUST_1811_PI429010886	N10766	0.03279417	24	18						1189.292	221.5335	1491.134	1366.714	677.2359	590.8215	513.3858	798.0084	1377.595	562.7989	897.3252	484.1868	1615.517	734.4362	759.7943	262.9461	152.2628	337.294	2198.578	1549.756	2355.337	1664.278	1711.883	2080.932	1888.631	901.877	2711.745	
CUST_842_PI429010886	N7506	0.03279530	21	18	442769035	glycosyl-phosphatidylinositol-lin			5.7E-62	787.2783	1852.945	1117.567	107.9218	446.2058	335.0262	1811.687	380.6302	1742.558	2420.859	1489.353	930.4398	1666.041	734.7144	1388.826	90.46312	2372.615	1927.794	685.082	3105.612	2034.424	1816.946	2146.15	1509.047	925.9054	325.1877	791.5844	
CUST_4928_PI429010886	N17811	0.03281541	24	18						49.27688	72.01042	66.17125	58.87393	51.29155	54.55547	27.7211	49.364	47.9867	46.81135	35.84121	69.21158	55.03418	47.59053	68.8017	70.73344	54.52711	46.79452	88.05908	68.63358	59.94713	106.9297	50.50655	66.22157	87.42396	41.35381	80.00199	
CUST_42607_PI429010886	M60709	0.03284734	24	3	91201795	hypothetical protein kuste4093			5.53E-10	1099.849	8.020864	1105.917	1701.286	1721.8	2260.134	11.15163	46.80566	4.877524	1097.014	2375.903	1934.597	676.1529	1206.191	1496.297	NA		8.232598	10.07424	12.12705	65.94538	10.28626	785.5802	293.568	643.0042	44.00986	296.6356	218.1148	
CUST_43935_PI429010886	M64384	0.03284734	24	15						26.65836	28.098	21.21931	11.59544	NA	14.0225	58.64151	54.31269	46.95394	59.08609	10.78819	29.86767	30.70816	26.25902	17.6345	98.31087	61.64797	73.04616	47.41217	24.15844	34.55816	47.93427	20.74174	40.76682	42.82494	52.30441	26.88893	
CUST_56781_PI429010886	M114643	0.03285462	24	18						5736.233	11076.77	7621.268	8025.596	5593.889	6265.89	8400.194	9684.529	10430.71	7303.286	4875.223	6631.875	6018.305	7007.731	6470.198	14502.16	10569.33	12442.6	12836.63	10374.24	11378.62	10727.23	8996.679	9712.243	13559.72	9285.648	11246.8	
CUST_32571_PI429010886	M4459	0.03285462	24	15	156553797	PREDICTED: hypothetical protei			6.98E-42	98.61391	155.5241	118.3504	104.9085	85.57553	83.23692	109.3613	135.5176	126.8388	111.793	81.75003	69.6885	102.4622	115.1318	93.53318	151.3949	175.9101	163.9175	129.007	105.7899	128.8295	116.2155	114.5488	123.7135	131.1039	110.4109	137.6772	
CUST_39776_PI429010886	M44425	0.03285944	24	3	238476873	serine proteinase inhibitor [Mac			3.95E-17	165.2661	134.5716	83.74447	313.1974	1180.485	1245.954	62.99459	219.9666	148.1737	82.54419	1149.369	1028.813	134.9328	1371.161	967.7143	6.090842	58.39443	33.23134	176.3724	413.9093	114.3521	285.6412	255.8139	145.6188	131.4508	80.6803	270.2762	
CUST_25475_PI429010886	N52486	0.03286325	24	3	321460090	hypothetical protein DAPPUDRA			6.73E-11	73.63397	18.74814	35.35463	73.76003	53.612	64.18993	613.5208	28.42566	7.025487	55.04149	61.3418	72.45984	55.91311	135.0936	63.66743	53.45027	41.69222	37.48234	34.75367	14.11364	41.02572	43.89958	52.95129	45.16295	44.78302	45.35253	45.68766	
CUST_56636_PI429010886	M114267	0.03286726	24	6						407.0205	440.2791	461.0647	318.1938	325.5716	358.247	781.034	683.1382	930.8409	603.766	412.9087	310.4343	277.1553	368.9684	305.7738	414.9926	1244.137	261.4074	337.5198	271.8414	205.95	493.9591	375.5874	312.3683	402.9178	399.349	313.5422	
CUST_38601_PI429010886	M82462	0.03286726	24	3	341650466	Spz1 [Litopenaeus vannamei]			4.25E-112	44722.61	8051.463	27347.94	29294.9	101035.5	80425.69	12442.6	2485	9954.878	13737.98	81434.38	77887.6	13360.37	79085.89	89298.33	5073.866	3940.028	6219.297	6032.614	32798.44	5973.032	18117.06	15673.03	15297.04	4513.062	36802.85	10337.3	
CUST_39981_PI429010886	M47799	0.03286726	24	3						3751.984	151.3085	2532.427	2826.773	2217.875	2414.182	123.8841	144.474	128.6956	811.6064	2113.55	2418.009	1022.285	2672.714	2713.39	43.26321	65.9928	119.4159	96.64158	211.3027	75.2384	1129.795	329.9676	1070.493	99.2507	346.1837	240.479	
CUST_49469_PI429010886	M85776	0.03286726	24	15	197361188	signal transducer and activator c	Signal transduction	Other	6.46E-22	130.9524	131.2222	157.4103	115.908	81.28557	91.18387	122.436	105.0583	167.1998	180.3409	89.40824	136.7882	174.8361	90.43411	108.0397	185.6007	153.9033	208.8218	141.2321	143.2259	176.3993	162.7381	142.9786	218.6368	180.3196	135.3432	212.5212	
CUST_31190_PI429010886	M937	0.03286726	24	15	524866842	PREDICTED: tubulin-specific chap			2.64E-139	120.8427	175.317	111.9491	106.6696	97.95973	81.64232	167.9403	158.224	198.3111	195.2227	104.0337	113.1088	165.8065	74.7748	69.23652	186.0544	222.8209	201.3091	198.84	160.4874	214.8358	165.4096	170.5385	167.7764	207.3653	130.4451	171.8413	
CUST_5280_PI429010886	N18485	0.03286726	24	15	260831390	hypothetical protein BRAFLDRAF	Metabolic process	Cellular amino acid metabolic process		283.351	489.7282	336.6729	259.1236	375.0062	316.5959	444.1379	515.2465	458.4811	318.2644	328.2775	398.8954	312.9583	422.6098	320.6536	463.1618	652.3046	657.5452	400.9911	490.5865	467.6907	314.3155	450.4965	366.4491	358.5953	417.734	396.4646	
CUST_5725_PI429010886	N19103	0.03286726	24	15						43.95236	66.43371	50.47099	56.30361	54.49956	58.19693	65.7755	54.31927	75.58044	64.2561	65.04377	58.40039	55.7467	50.47976	60.44338	88.43455	81.76793	81.33153	66.11318	59.47135	83.56745	76.19975	56.93927	58.63553	73.60215	62.69677	56.63612	
CUST_27088_PI429010886	N55427	0.03286726	24	9						414.6538	369.4962	115.0343	81.67118	134.8108	170.4291	133.239	138.9837	157.985	516.495	250.4996	342.2376	121.2999	181.4589	99.20976	129.7636	49.90556	124.9247	102.3598	150.1836	117.5967	88.09968	106.9179	80.36141	146.1694	126.0542	239.051	
CUST_28622_PI429010886	N58311	0.03286726	24	3						88.21411	99.7036	73.13284	118.3923	115.3116	112.6387	71.3852	106.1034	60.38394	45.70717	102.7974	71.18779	61.63911	91.56473	105.7619	78.62482	65.80074	57.64367	68.88761	121.5849	63.73816	75.53689	106.1339	73.26051	70.85676	108.9127	76.18674	
CUST_7170_PI429010886	N21137	0.03290235	24	0						52.15113	142.5367	78.48038	55.11106	58.27052	85.63473	45.90556	131.9274	28.6788	45.95593	22.83896	16.6041	74.35572	80.97133	51.93257	68.59824	5.517366	61.908	53.13079	74.08077	25.6591	97.71482	49.22048	78.3065	74.56881	81.67118	76.23852	
CUST_13701_PI429010886	N31619	0.03292113	15	6						1648.551	1499.429	2742.804	3145.521	1008.859	775.0084	1313.269	2584.904	4913.686	1985.342	3629.795	1039.627	3978.701	1763.47	951.1847	322.8914	508.4006	405.5854	3871.525	4288.608	5271.495	2958.733	5763.929	4960.329	3843.133	4960.329	7225.192	
CUST_37061_PI429010886	M17735	0.03293974	21	15			Protein metabolism	Proteolysis		104.3299	130.6824	20.13002	205.453	20.02186	193.9037	235.5705	141.4787	89.76139	149.0864	107.6466	39.27561	127.6698	160.9745	142.9419	548.5685	265.9313	252.0561	246.1269	28.86297	251.7959	36.96718	115.5309	44.89831	168.2226	141.4787	32.93138	
CUST_37656_PI429010886	M20328	0.03298463	24	18						1741.604	1994.973	1953.31	1897.754	1371.826	1439.002	1999.848	1568.389	2189.919	1865.951	1370.424	1567.333	1969.061	1426.897	1624.639	2773.888	2025.285	2261.704	2534.505	1812.631	2429.15	2200.686	1923.884	2411.386	2654.193	1684.207	2526.145	
CUST_9830_PI429010886	N52269	0.03298463	24	21	405977152	Putative ferric-chelate reductase	Response to stress	Defence responce	2.64E-09	255.9552	64.53182	284.7236	425.365	154.0925	185.9639	120.9342	118.7214	187.4109	182.7533	265.4524	126.1425	479.9252	149.0864	325.7046	38.9748	110.6304	79.1181	375.4894	429.4693	474.0818	709.2377	382.191	448.34	295.2364	254.2305	430.3398	
CUST_3238_PI429010886	N14083	0.03307708	12	3	108742326	putative accessory gland protein	Protein metabolism	Regulation of translational initiation	2.41E-53	85.42964	132.8564	110.8393	116.4262	114.1769	105.6058	109.7081	139.7918	128.1046	81.5061	83.45736	65.41928	80.70329	89.5211	80.54573	110.532	129.0812	140.0219	85.95066	112.963	106.506	105.9898	108.0397	95.54231	105.2539	102.6929	102.2022	
CUST_21924_PI429010886	N30028	0.03307708	24	15						39.46145	57.05601	54.93024	54.96965	47.33564	42.77425	38.74884	45.65444	42.33335	55.62648	54.98064	29.22014	49.16277	37.132	42.02407	75.22531	83.83065	81.5604	50.40416	61.16915	49.455	51.08567	80.50166	56.19085	49.96679	56.90618	48.21366	
CUST_18305_PI429010886	N39543	0.03314007	18	9						218.889	169.2749	161.3784	192.1306	175.8857	197.1276	190.1878	154.8085	192.5284	228.8193	287.5406	390.8971	198.7781	187.3112	195.9057	174.5369	210.5038	172.9208	181.0435	156.0305	163.8342	222.6199	182.0409	185.198	205.453	162.6084	170.0456	
CUST_21777_PI429010886	N45836	0.03301458	18	0						11.65098	11.81089	13.21801	6.836868	NA	6.01964	7.379102	3.701025	9.035174	3.51569	6.519913	8.965368	9.857053	8.977003	15.579	7.142339	8.486725	6.559869	14.11696	11.86035	4.151802	11.09473	11.65405	5.71978	3.467126	4.892286	6.275153	
CUST_26910_PI429010886	N55109	0.03315736	24	21	390345459	PREDICTED: zinc finger protein 8			3.66E-33	451.0149	527.455	546.2084	419.5373	381.9964	360.6967	391.7638	423.7011	532.1418	488.0472	337.5799	384.9395	479.2755	385.748	288.4809	525.5146	512.9523	388.875	608.6613	507.3489	364.5679	601.3269	487.5393	525.1123	561.3058	422.8235	596.2588	
CUST_40114_PI429010886	M50411	0.03319312	24	15						285.2599	163.782	143.7214	346.1134	169.8826	145.8855	431.7294	190.0902	222.7682	539.0498	202.0095	341.8735	397.9972	182.2609	283.224	341.3363	458.9701	319.6543	371.0059	207.2734	176.7718	287.4074	160.2766	239.642	225.7754	193.0588	156.8206	
CUST_14720_PI429010886	N33351	0.03319312	21	15						146.449	232.0765	31.21665	167.5398	42.87131	153.2351	251.2891	210.5427	163.0633	105.5425	67.79476	70.8379	105.3002	278.0108	155.7969	364.1244	290.0748	308.1102	170.9641	125.4006	166.1819	49.80184	283.1538	51.7172	107.0876	145.9662	30.52273	
CUST_27913_PI429010886	N56929	0.03319312	21	9						12.93513	7.855592	12.68546	29.97997	53.15878	30.85244	21.1516	12.51522	15.49423	14.21806	44.51618	43.94763	25.68152	19.8627	30.6146	29.93334	37.39816	16.51861	22.12571	11.30326	22.72983	19.44173	15.50721	13.60565	27.9125	18.34365	14.79505	
CUST_55454_PI429010886	M110198	0.03320282	15	6	148684244	mCG121041 [Mus musculus]			2.02E-28	92.63177	157.5876	95.47293	161.5503	145.8127	123.0024	174.1094	172.5296	175.2384	170.9936	136.2532	99.42287	171.3909	144.8971	103.5796	141.6695	177.0208	167.4488	185.653	166.0779	155.0803	186.848	183.4751	167.8421	184.3599	155.1393	158.8927	
CUST_19817_PI429010886	N42246	0.03304646	15	0						90.45329	68.4765	NA	55.58555	15.38213	56.08051	52.06823	51.1596	55.80638	21.20837	4.673022	4.464985	21.93453	21.40258	19.65508	88.28749	51.3517	37.65275	49.35536	34.29815	35.99005	NA	52.7243	9.073899	26.01383	85.63473	11.60345	
CUST_57180_PI429010886	E2163	0.03306727	18	15	115291340	oncoprotein nm23 [Litopenaeus	Metabolic process	Nucleobase-containing compound meta	4.36E-26	31801.71	37932.98	32798.44	29843.45	24590.28	28306.31	31435.61	32639.19	33176.01	32540.66	27273.84	29843.45	29122.17	28658.52	28210.59	40915.77	34757.71	37427.64	32184.55	34173.92	34486.72	27758.19	31108.81	28120.27	33402.18	31659.39	30965.56	
CUST_44524_PI429010886	M66215	0.03307672	18	0						60.29296	79.23954	69.72385	36.14198	30.02948	24.5024	24.94781	53.58837	40.3254	43.23211	37.82991	25.69634	55.04966	40.02352	38.85987	16.64399	46.78449	19.75521	79.03209	62.59981	72.53637	46.03411	53.5836	22.1135	56.83684	53.91461	6.692466	
CUST_12562_PI429010886	N29657	0.03314575	24	15						5.189699	4.814483	10.96033	4.355973	8.364605	10.9325	13.89586	6.668119	NA	NA	7.980627	9.165105	10.93377	13.22755	NA	NA	14.34474	10.0184	NA	9.126089	18.92052	9.13994	6.164371	4.162498	4.313308	7.122688	5.566392	
CUST_2641_PI429010886	N12815	0.03316225	24	18	156544736	PREDICTED: lamin Dm0-like isofo			1.8E-111	465.3594	917.1646	731.2874	490.3414	593.6835	570.0085	554.8747	809.5406	907.3817	726.5143	622.1839	481.3104	761.0743	419.6327	682.3134	935.873	778.454	878.4972	817.1951	829.1725	1044.527	853.4119	796.9187	929.9574	910.719	673.5376	1004.862	
CUST_5614_PI429010886	N18948	0.03316225	24	21	383855694	PREDICTED: serine/threonine-pr	Protein metabolism	Cellular protein modification process	2.83E-128	64.27657	105.5685	75.40109	66.1068	77.41498	59.44629	86.44935	82.87384	94.75478	71.74885	66.77655	64.99079	64.53182	76.93465	74.62293	82.87384	128.2244	116.981	90.7511	90.71076	102.8535	88.56702	97.88781	112.8635

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_29487_PI429010886	N59960	0.03359515	24	0						105.1338	95.62259	121.6162	111.4697	116.9474	103.4024	100.658	111.4697	142.6225	92.6736	86.9187	98.85767	102.0444	79.28417	86.21825	144.9984	118.7327	122.3466	119.1399	117.1717	100.2539	125.3758	106.8102	109.0704	156.1141	124.1484	143.5029
CUST_54722_PI429010886	M107322	0.03360929	15	0						17.88666	30.32287	21.64409	15.714	13.00488	37.81203	14.82044	21.36108	10.68733	12.31255	14.69477	17.69816	22.67723	16.53724	13.73044	43.00754	27.93243	20.30731	20.20612	15.46584	18.47674	30.21832	22.99386	18.13981	21.48685	13.1424	13.54726
CUST_53867_PI429010886	M103477	0.03361397	21	15						12.04226	20.02766	15.06155	6.255758	11.29903	15.50721	21.46766	6.368122	15.79305	32.10702	12.34692	16.43875	25.53977	11.37257	17.46023	23.48051	17.86876	26.56947	12.46751	10.42021	12.32661	17.72247	17.49425	20.64644	11.36156	11.28097	16.46322
CUST_39066_PI429010886	M34117	0.03361397	21	6						1591.635	1196.962	1140.288	637.7947	985.4686	743.9121	1624.639	1133.285	1467.602	1563.997	961.2009	1074.917	849.2679	759.9978	714.2812	1225.455	1010.854	1037.05	556.2705	904.3497	699.1348	781.034	1042.748	946.146	1384.734	1389.498	1016.248
CUST_40983_PI429010886	M56546	0.03361397	21	15						27.36342	62.98013	6.422559	19.13355	15.5828	20.77492	39.11911	35.36195	17.57039	17.57638	23.18831	16.45591	18.50385	31.32237	25.89322	37.44318	49.96129	59.04856	18.33712	48.99934	24.54259	21.90402	35.73797	25.94024	17.9492	26.75097	16.91535
CUST_1924_PI429010886	N11091	0.03361397	24	18						150.073	171.5592	152.8487	162.9468	154.9422	118.8772	164.6381	122.8685	174.7345	127.9686	129.7968	151.1207	163.9723	150.2498	130.9003	189.6492	142.7074	210.955	194.5138	190.7683	165.0873	180.1999	181.2265	171.3724	193.2061	213.6241	261.4074
CUST_5480_PI429010886	N18759	0.03361397	24	18						510.5943	1014.938	697.732	592.8013	502.8105	507.9246	788.0337	714.2812	798.0084	576.6349	523.3495	562.4363	799.3476	628.8213	598.5974	813.7492	845.5682	979.7526	712.9201	731.069	983.3131	680.2076	855.0422	923.1653	792.067	752.6445	1021.074
CUST_55371_PI429010886	M109810	0.03360532	24	15						887.5066	1723.472	1190.571	813.5332	1045.59	847.0248	1658.691	2096.347	1604.089	1156.716	1670.997	820.9036	1235.811	1265.098	1167.815	1725.737	3124.619	1350.405	994.565	1552.466	1317.605	900.3004	1316.174	1211.071	1227.139	1325.644	1226.655
CUST_37410_PI429010886	M18935	0.03360532	24	15	366984573	putative ribosomal protein S25 [			1.33E-29	40915.77	47553.77	42662.49	48559.97	40024.21	39389.41	57169.5	57453.95	52815.17	53496.25	36724.45	41419.19	48847.04	42014.5	39713.59	57775.61	53496.25	58456.96	46193.24	51616.89	55705.47	41865.42	46193.24	48847.04	45257.85	45257.85	48051.75
CUST_37814_PI429010886	M21745	0.03360532	24	3						16252.77	141.2484	16106.84	14307.54	15012.16	16106.84	100.3625	463.8737	212.8617	7248.769	15705.46	12523.21	9226.663	13935.1	20616.2	75.34564	80.38647	145.7532	381.6653	567.871	544.8319	8658.641	5317.598	11528.01	697.0808	1571.574	1823.25
CUST_39683_PI429010886	M42837	0.03360532	24	6						3457.999	3202.946	3811.795	1164.205	1113.622	1417.404	3354.131	4031.99	3890.917	2771.365	2930.842	2224.156	1925.502	2191.923	1492.153	1274.133	4809.493	5482.841	1296.827	1078.02	188.1844	711.4323	1506.647	2637.871	2312.635	1332.694	2439.09
CUST_41475_PI429010886	M57822	0.03360532	24	15	321463168	hypothetical protein DAPPUDRA			4.44E-82	40.2252	57.7126	41.95985	24.2919	29.35282	26.82167	46.51413	64.33318	47.07501	54.76807	35.86607	53.68198	37.49081	43.45077	56.12959	76.97367	42.92276	77.57976	68.78391	34.84867	58.29201	53.78431	36.39662	43.26321	72.21507	47.20876	41.09
CUST_33482_PI429010886	M7007	0.03360532	24	15	533121339	PREDICTED: ES1 protein homolo			8.31E-65	254.7629	434.0618	293.8829	206.0093	234.6515	204.8848	266.6798	336.3009	287.632	259.5151	248.0205	288.9896	252.1635	265.9313	205.5639	298.5983	429.9294	460.4529	230.0694	321.3471	345.1067	225.3861	329.4879	315.8311	285.8938	295.4303	283.6844
CUST_49165_PI429010886	M84478	0.03360532	24	15						323.9561	401.2544	432.5544	337.294	283.9592	293.3331	313.6093	347.7046	398.6975	453.0125	309.7415	331.4329	408.3007	311.4501	352.427	458.6774	478.9906	425.957	474.7066	327.9636	388.286	424.7669	388.031	383.2384	456.7205	325.4289	498.3024
CUST_277_PI429010886	N3258	0.03360532	24	15						7194.306	21177.49	9167.401	8451.427	2926.153	4288.608	25188.43	19052.86	19094.08	9364.597	4020.487	3859.53	18910.88	10550.02	9837.56	19341.82	22092.06	19635.13	18146.2	13962.41	19903.59	5388.872	20172.23	7497.741	11378.62	11339.63	13017.21
CUST_413_PI429010886	N5065	0.03360532	24	3						1480.103	75.63986	1175.329	943.0143	1580.709	1684.207	50.52447	116.7446	50.6306	374.5443	739.59	1018.651	355.1717	1104.992	1369.757	55.7791	37.06569	18.51735	44.31359	241.8418	50.28629	583.3052	189.6097	583.3052	25.08179	416.6449	73.72575
CUST_27674_PI429010886	N56494	0.03360532	24	21						43.33093	71.47305	66.99064	35.61538	50.26433	32.39325	49.44159	72.67801	78.956	49.63757	34.39364	46.87885	67.60668	66.51767	36.63747	58.41256	66.71306	56.99251	79.68621	63.36224	74.20038	63.38745	89.87221	82.49497	75.054	47.84164	78.08717
CUST_37584_PI429010886	M19621	0.03360532	24	3						3851.521	28.80996	3272.412	4190.519	2333.596	4207.659	NA	76.28125	5.112206	214.9341	1517.515	1208.338	225.7047	1796.427	878.8076	NA	NA	NA	7.26329	176.6314	5916949	506.2756	28.66752	291.0502	NA	265.4961	NA
CUST_55478_PI429010886	M102927	0.03373530	24	0	154147706	myosin 15A [Xenopus (Silurana)			1.54E-11	390.3118	337.3958	265.1693	220.7089	116.6823	152.5231	143.7017	232.9982	170.064	149.5014	178.596	116.5167	196.4414	203.8839	220.1523	170.0456	281.3108	195.7919	103.7292	257.6419	179.1574	177.05	207.4823	223.8968	185.9397	227.6232	259.8283
CUST_6765_PI429010886	N20571	0.03374524	15	0						37.14951	49.08691	57.76119	23.21157	38.17426	52.53638	24.27221	40.74313	37.04769	25.14815	56.92501	43.75819	42.68735	44.1972	38.4508	40.38904	54.07873	57.74381	22.4165	43.30726	23.76471	27.72385	22.42126	34.53973	37.65544	54.06274	34.02535
CUST_45176_PI429010886	M68241	0.03374524	24	0						20.76789	16.3775	19.201	15.65876	18.12496	20.05184	19.26557	20.29057	21.16225	13.79213	16.31601	8.166382	16.13712	12.52146	18.48914	18.03823	6.491577	18.03262	16.46833	14.49352	18.80121	25.72369	16.08274	26.27328	26.05011	16.67154	31.01077
CUST_49886_PI429010886	M87594	0.03376307	21	0	332217572	PREDICTED: tryptophan 2,3-dioxy	Metabolic process	Cellular amino acid metabolic process	2.97E-11	24.82357	15.20453	26.37866	22.91863	17.91767	17.63683	7.95738	11.52123	9.985418	20.90638	16.30898	35.3444	24.07636	10.59016	14.00174	5.516194	4.790015	8.126376	24.40118	21.60709	13.01831	24.11862	15.98012	23.13824	13.59581	19.54299	22.8273
CUST_44064_PI429010886	M64830	0.03378028	24	9	91076314	PREDICTED: similar to spliceosor	Nucleic acid metabolism	RNA metabolic process	3.6E-60	13.88764	11.27666	15.75922	18.79764	24.89149	13.9412	18.65471	15.53957	18.73028	28.24828	17.39282	17.98498	9.519076	24.4823	15.24165	12.2567	19.28668	12.92336	15.03854	12.22382	7.397642	18.49915	8.463106	14.3393	15.51127	7.905688	9.654225
CUST_40849_PI429010886	M56219	0.03379492	24	18	307215183	Pseudouridylate synthase 7-like	Metabolic process	Nucleobase-containing compound meta	4.63E-20	19.95277	25.51773	28.89254	13.70444	7.621112	9.649837	15.3494	10.81549	25.44757	17.19685	10.86595	16.3934	26.78779	12.80411	11.88179	12.83829	28.58081	34.73082	25.52339	19.86462	36.13796	15.64145	16.99096	23.32746	23.64075	19.23624	35.33768
CUST_41624_PI429010886	M58174	0.03379492	24	21						1848.594	1711.883	1881.294	1351.154	722.1173	824.4785	924.3063	1071.48	1592.484	1452.249	999.3353	1289.52	1542.881	1075.462	1757.509	2022.811	1879.179	2162.694	1722.827	1403.719	1348.794	2035.999	1420.628	2227.296	2498.654	1422.675	2747.205
CUST_12558_PI429010886	N29649	0.03379492	24	18						175.1243	212.0595	193.9037	167.0939	135.397	135.056	193.2741	170.5385	174.1934	186.6982	151.4852	179.9258	170.9358	140.2426	179.0567	219.7957	198.7781	190.8765	255.8139	172.5012	200.181	231.289	171.3397	190.5906	221.8856	159.8296	260.2914
CUST_16326_PI429010886	N36049	0.03382543	12	0						28.67393	19.79478	22.5581	24.45655	27.21619	21.16473	10.41394	10.10871	13.552	10.76826	15.67181	10.25993	20.9985	19.62896	7.610237	16.01033	19.8627	18.19202	13.18135	13.68136	8.96678	17.21141	13.41607	18.33712	14.57376	16.08645	29.84906
CUST_16663_PI429010886	N36651	0.03383094	24	3						26.38902	11.57491	18.16224	26.37524	52.26773	46.01299	16.02196	17.66056	10.99576	23.88544	27.96875	30.81263	18.42193	30.22132	24.86103	17.19984	19.83531	17.09704	12.01165	15.8505	6.635748	19.80181	12.876	12.3846	11.68791	16.74062	11.4924
CUST_50633_PI429010886	M90499	0.03383711	15	12	291232666	PREDICTED: hematopoietic stem	Transport	Other	1.36E-32	7.120472	6.772005	10.15208	4.817104	5.803119	4.364928	5.843012	3.968591	3.664265	NA	NA	NA	NA	13.68729	9.509852	5.698034	8.233633	6.770096	NA		4.416366	NA	NA	8.513954	12.96776	4.258711	8.3196	6.528927
CUST_1312_PI429010886	N9252	0.03386816	12	0						451.2333	276.8728	396.1202	343.8057	244.4333	287.3062	245.3707	192.5776	239.4831	376.3542	303.2777	354.3285	400.9039	268.9804	435.6254	418.8351	254.9324	359.174	369.8268	249.9933	313.2232	410.2255	330.1216	482.0377	510.0998	311.6703	531.3775
CUST_9980_PI429010886	N25505	0.03389297	18	9	395856453	PREDICTED: E3 ubiquitin-protein			5.12E-21	119.8257	88.16698	90.46312	90.56235	81.72083	73.78491	97.42977	108.2394	112.8468	102.6632	117.0919	108.0057	93.65434	87.64548	82.89284	95.52209	81.64232	94.95617	114.3521	79.15396	93.75176	84.99467	79.54469	86.15946	95.29319	79.92025	101.3081
CUST_27907_PI429010886	N56920	0.03389874	21	0						20.5047	34.93951	12.43008	23.49323	7.079125	10.81853	12.94612	10.07008	13.764	NA	8.575367	3.443467	16.37294	15.90348	7.167718	13.53241	6.628976	5.706917	12.61565	13.73539	8.874019	18.77059	15.37323	25.71381	3.765243	9.559713	8.404592
CUST_36029_PI429010886	M14333	0.03393426	21	0	123471670	ankyrin repeat protein [Trichom			3.89E-30	20.228	27.66084	17.98064	21.19789	16.0253	13.84677	10.25993	25.23871	15.83716	6.089114	11.43195	12.1461	26.3515	19.8984	15.91592	16.12455	18.49152	15.7218	17.29812	10.42867	14.83387	19.46587	22.88663	17.96997	12.24902	11.48486	18.01013
CUST_4289_PI429010886	N16411	0.03393473	24	0						14.94729	17.19904	30.68226	14.41931	NA	11.48755	22.70713	5.730283	21.11041	16.57982	17.05701	6.88957	14.07446	6.81845	13.36241	9.395362	17.06435	7.272483	17.58118	13.07357	13.03303	13.04163	17.12239	10.50051	27.95071	21.91645	15.29086
CUST_15283_PI429010886	N34325	0.03393035	24	15						77.98475	48.56519	52.33755	88.91387	239.1584	176.9714	46.15443	98.04747	44.58593	52.83064	117.4524	177.5731	37.54467	103.4513	130.1528	39.84392	40.02111	53.58008	38.52874	80.66827	31.1712	40.45937	46.46187	40.06059	29.53381	93.77335	34.55835
CUST_31671_PI429010886	M2134	0.03401145	21	18	242010749	conserved hypothetical protein	Nucleic acid metabolism	Regulation of gene expression	2.64E-19	256.8224	435.509	449.1793	330.4034	329.4331	369.9026	271.3104	466.9715	474.3448	244.0894	408.5695	327.5322	283.8964	312.2924	283.9592	248.1643	408.5695	356.9618	468.1951	499.2133	537.8527	386.6278	531.0942	417.6485	435.0369	382.191	500.5747
CUST_7077_PI429010886	N21006	0.03401145	21	15	428230094	tropomyosin [Jasus lalandii]			2.91E-93	2539.976	5311.077	3114.68	2516.066	3571.414	2822.582	3379.597	4164.365	3660.946	2846.594	3017.306	2273.452	3090.222	2799.9	2702.508	4622.321	6304.559	7337.918	3624.383	3975.62	4761.143	3261.337	4036.235	4185.629	3215.844	3911.515	4583.265
CUST_2577_PI429010886	N12686	0.03402386	24	18	410509305	Penaeus monodon MYH1 mRNA			5.01E-135	464.2927	413.5169	547.6961	541.2118	425.0628	389.4601	756.356	501.5231	629.2438	557.8175	325.1203	489.1563	576.9572	482.4747	438.2151	1161.162	539.585	1038.339	817.7537	844.6913	971.4356	688.887	513.9521	648.6912	984.5856	453.3141	726.2724
CUST_11663_PI429010886	N28198	0.03402386	21	15	498930494	PREDICTED: broad-complex core			4.19E-38	35.4467	31.52497	34.75696	35.28906	19.14658	19.52695	21.97869	31.05266	37.23401	32.04295	18.58143	27.20944	26.56947	46.11508	20.6563	48.89327	44.10584	41.95985	45.89143	35.87747	36.04308	38.56693	30.15331	28.32731	46.1895	31.50316	37.55337
CUST_15321_PI429010886	N34396	0.03402386	21	15						16.97814	15.20042	19.66385	17.67403	17.46742	6.828268	16.98223	16.77987	22.1072	33.20541	13.88039	8.352666	19.38793	12.28032	23.82619	32.84675	26.48147	30.28156	24.19322	13.40089	22.05458	26.82547	17.63683	27.97412	16.96246	12.42618	15.73263
CUST_35181_PI429010886	M11821	0.03404744	24	15						50.62088	68.18657	56.92501	72.11693	58.91866	47.88053	74.62293	76.37498	59.95532	70.48984	54.13071	79.1244	81.02819	60.71091	84.87009	105.0258	71.63426	97.28384	89.70467	68.94498	65.72695	80.98106	58.3569	94.16687	84.14449	68.04801	85.34679
CUST_35519_PI429010886	M12772	0.03404744	24	15	321474539	hypothetical protein DAPPUDRA			1.48E-37	68.09581	105.6309	91.88292	69.74823	59.29331	65.1725	87.34939	114.2182	92.87822	78.56039	75.3636	69.05459	87.72633	97.82425	69.52362	89.29338	132.1106	110.1907	67.25975	97.56774	112.8927	84.02947	90.18372	87.94793	82.85507	78.36365	108.663
CUST_37417_PI429010886	M18960	0.03404744	24	3						5907.39	332.1692	4777.94	3911.515	5856.992	5427.368	466.8411	1640.994	397.6869	2306.791	3091.943	4981.65	2420.859	4398.359	7348.003	319.8028	64.14599	294.0637	497.9545	1619.49	397.4943	2225.697	878.1427	2489.305	216.3545	3014.898	688.2575
CUST_37870_PI429010886	M21962	0.03404744	24	3	187764370	Fenneropenaeus chinensis spatz			7.41E-57	3827.862	100.646	3835.495	5292.711	3117.642	3071.483	257.241	128.2527	124.7562	566.062	2136.93	3079.233	559.1602	6854.464	7750.118	87.06038	76.2209	94.1914	201.86	149.7452	138.6664	1276.272	317.784	1298.045	154.1288	166.3679	253.0838
CUST_38647_PI429010886	M28821	0.03404744	24	15	328899453	Procambarus clarkii clone pc-63	Protein metabolism	Ribosome biogenesis	9.91E-63	23503.18	30721.41	24199.32	20822.29	18613.15	21010.2	28492.44	28025.82	27273.84	26891.88	18146.2	21224.39	24909.79	22469.11	14338.96	31659.39	33637.86	27758.19	26403.54	27918.92	29294.9	21334.13	25463.11	23162.84	25403.62	25703.26	26056
CUST_43939_PI429010886	M64397	0.03404744	24	3						22092.06	95.83012	21066.26	15394.16	14439.79	16520.01	193.5276	357.8637	267.7885	9301.136	15197.96	11289.6	13154.56	12584.9	23658.24	79.08754	122.3002	129.2412	525.2596	459.8781	676.6048	9550.071	5744.161	11138.2	963.73	1750.013	2427.484
CUST_33870_PI429010886	M8094	0.03404744	24	15	242013030	ubiquitin-protein ligase EDD1, pi	Signal transduction	Other	9.49E-14	37.27454	37.94596	67.97894	37.08608	38.72594	32.75067	44.53304	56.11745	38.03753	31.66129	43.06564	54.69951	45.18209	42.5482	47.44242	67.16357	101.5466	59.51724	47.78312	48.47319	52.97194	44.89831	43.54271	58.52453	73.28853	55.17588	99.30177
CUST_34164_PI429010886	M8921	0.03404744	24	15	45360489	NME/NM23 family member 7 [X	Metabolic process	Nucleobase-containing compound meta	6.06E-57	130.2225	230.859	180.729	141.9808	189.1039	162.099	182.5021	219.7957	230.6071	182.4139	218.8175	164.8407	193.2741	202.6489	195.7919	242.2901	250.5828	238.6215	174.8361	203.5811	227.3921	157.4566	242.7903	206.3209	212.3717	169.7494	229.6548
CUST_2725_PI429010886	N12986	0.03404744	24	15						78.08717	41.92055	96.69796	58.24898	51.06491	48.47319	95.22353	41.06867	103.8566	155.6724	43.10028	201.6588	112.3537	50.84751	65.96155	119.8892	139.0522	133.4406	149.2013	80.03641	73.39823	132.9992	60.03992	73.00128	52.43555	100.1686	132.8203
CUST_5025_PI429010886	N18165	0.03404744	24	15	546673579	hypothetical protein D910_02577	Nucleic acid metabolism	DNA metabolic process		569.1918	1128.19	620.5792	702.937	425.1755	492.831	1059.777	969.4842	1101.918	738.5083	583.7299	534.593	708.1548	638.835	560.9756	1157.025	1282.861	1034.581	1067.28	758.9827	1065.973	570.8807	823.7754	763.5241	824.7782	638.1559	787.5865
CUST_9285_PI429010886	N24379	0.03404744	24	15	321464090	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	3.64E-82	1067.28	1936.909	946.5529	841.994	929.1604	842.9082	1209.443	1525.217	1202.203	1065.144	893.7709	968.3563	891.7043	1102.526	900.3004	1341.551	2156.524	1940.134	1065.21	1296.892	1328.27	756.356	1440.587	1172.08	1071.48	1224.714	919.0444
CUST_20765_PI429010886	M40313	0.03404744	24	15						124.2413	387.4519	248.2992	112.7999	48.82997	63.32579	314.4452	285.8938	249.0225	606.1742	132.2346	49.92897	64.32579	132.1744	160.5173	504.0705	589.3693	482.1823	425.0628	195.8814	370.2353	398.1084	90.73151	371.2053	558.2968	224.3178	372.0362
CUST_21775_PI429010886	N45832	0.03404744	24	3						178.619	119.5986	146.8225	163.488	205.3789	166.9821	107.3112	130.0819	89.05929	156.7437	177.6996	192.1066	141.0554	131.0082	154.7131	89.39537	124.0944	118.4588	157.866	121.1493	109.207	169.0749	125.1377	130.1383	125.9513	126.5797	144.6342
CUST_23640_PI429010886	N49190	0.03404744	24	15						1653.487	1641.783	1441.945	1651.623	1314.02	1404.695	1683.28	1531.626	1464.031	1641.783	1324.412	1689.176	1765.847	1358.461	1436.159	2237.142	2154.965	2093.838	1563.253	1456.541	1711.15	1584.461	1739.873	2126.752	1807.527	1438.372	1739.059
CUST_29157_PI429010886	N59306	0.03404744	24	15						64.65354	84.10925	75.30381	70.32352	56.82896	56.61327	65.83412	76.51861	61.16761	108.1394	81.19478	61.31764	75.67783	66.02974	68.14816	93.8595	103.3439	92.9385	87.31684	74.71995	58.7278	106.9946	86.04303	79.56634	132.9437	70.86476	116.2009
CUST_27117_PI429010886	N55472	0.03404849	15	0						20.83366	NA	14.86509	21.06356	20.73675	18.71237	9.822779	6.247573	4.372897	12.78321	7.503112	22.17359	12.40631	17.92297	16.99422	14.88982	11.38718	16.60231	5.984179	10.21029	4.624193	9.546386	6.507715	8.122754	6.927203	11.55231	16.38688
CUST_19887_PI429010886	N42390	0.03406051	21	6	345498241	PREDICTED: transportin-1 [Naso	Transport	Protein transport	1.51E-54	20.21346	18.27116	26.86909	20.38623	27.61709	23.17242	38.20339	27.0512	27.87026	27.50147	31.75441	28.5989	23.92281	26.14998	19.39937	30.42951	31.23655	26.55272	36.49885	15.4847	22.8101	18.37064	25.90137	20.89221	29.43649	25.29384	58.43593
CUST_50794_PI429010886	M91031	0.03407938	24	6						5.362097	12.96173	13.37894	22.21134	8.884176	13.76968	17.02991	9.755769	14.06607	13.48116	9.984306	10.15772	11.59352	NA		11.58452	6.16087	13.97991	9.441403	6.805347	8.184195	5.84695	18.59972	10.51976	7.599101	13.6965	11.0285	7.242699
CUST_49970_PI429010886	M87987	0.03408354	12	9	322791059	hypothetical protein SINV_09631			6.24E-09	30.6586	34.55282	48.96667	67.96481	49.41341	54.35078	32.91482	46.96617	38.57471	73.65204	83.70817	57.77356	81.47133	40.44814	60.85412	22.48894	39.87751	30.20493	42.19574	39.0193	38.44506	71.45149	73.98792	95.75319	38.36376	43.97459	64.91207
CUST_38391_PI429010886	M26182	0.03408578	21	6						104.9576	4.144599	13.50964	104.7861	12.59667	16.51171	77.17435	12.69474	NA	63.02678	NA	32.49093	55.1065	18.33066	8.236488	10.98592	8.812826	26.66045	8.246623	5.63616	6.313054	NA	NA	NA	17.27868	NA	
CUST_12173_PI429010886	N29044	0.03411203	21	0						58.16145	55.05576	47.3524	58.66126	32.98843	28.03915	30.41385	25.61659	24.50546	53.29185	35.51709	46.66198	40.01947	36.88652	40.52643	42.41648	46.86994	56.01078	40.03773	37.69822	43.14425	45.50498	36.53396	54.17106	91.2559	36.4809	28.67152
CUST_19186_PI429010886	N41130	0.03412461	15	9						34.41579	21.36623	34.16048	28.15447	20.78849	21.00723	25.11505	20.47402	19.14033	52.26303	28.3766	39.51395	47.13519	25.12586	27.46007	19.74297	21.34152	19.09713	10.41283	20.41652	13.64878	13.36916	41.69222	26.31272	13.75275	31.79073	35.68286
CUST_17326_PI429010886	N37780	0.03412872	15	9						23.23151	10.05788	22.46641	14.10253	16.16791	17.83951	13.65957	18.96877	14.87284	30.02336	11.09797	37.57177	22.87607	18.82499	20.79753	27.05127	13.86699	13.64348	16.8338	10.44609	18.19475	24.22714	18.65702	32.59222	32.47851	25.32953	27.76693
CUST_44273_PI429010886	M65459	0.03415179	24	0						92.01146	107.424	140.7362	110.1325	58.58735	100.4112	92.69475	163.9403	159.7252	53.34992	75.51715	54.88564	82.9737	126.7369	81.72083	59.79025	100.2745	107.8333	133.9994	96.86942	139.003	109.5041	103.3038	120.9827	152.5349	113.2581	127.7013
CUST_32083_PI429010886	M3194	0.03418304	24	0	330371797	lactate dehydrogenase [Litopena	Metabolic process	Carbohydrate metabolic process	4.2E-114	1542.881	3224.848	2379.92	1782.659	2017.363	1681.402	1347.499	1981.815	2067.912	1621.358	1739.873	1765.847	1513.832	1818.148	2053.392	1694.196	2613.493	2114.8	2018.868	2755.522	2442.216	2132.096	2639.099	1935.604	2744.675	1976.903	3140.215
CUST_35301_PI429010886	M12181	0.03419892	18	12	325303222	TPA

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_32816_PI429010886	0385	0.034621456	24	15	260800087	hypothetical protein BRAFLDRAF	Metabolic process	Cellular amino acid metabolic process	1.7E-26	22.38961	35.11008	30.91821	24.49701	32.14243	20.74399	33.94389	46.11508	51.62622	21.68449	32.70464	31.21069	35.01298	41.64305	35.38316	32.92749	71.44611	83.0128	36.64369	43.33093	65.37786	29.13534	36.45493	39.41032	44.17172	38.58331	54.08431
CUST_48647_PI429010886	M81453	0.034634203	21	9						27.3523	18.64038	24.56289	40.32964	21.39039	27.24917	22.22979	25.01557	28.58712	35.85739	23.37452	33.06158	37.40599	20.2926	27.42998	36.02118	25.59017	23.52858	26.39799	16.09928	17.84997	19.7864	21.57697	19.91453	28.86593	29.92819	22.66351
CUST_57091_PI429010886	F782	0.03464251	24	9						16.34871	15.44438	17.03584	25.33737	12.41522	15.28035	18.14803	22.68044	22.70713	39.8332	12.35829	24.67578	18.7678	17.55051	20.68003	23.69946	18.09671	28.94999	15.6646	13.76082	24.68095	18.03992	7.705814	17.04802			
CUST_7205_PI429010886	N21189	0.03466828	24	15	478252737	hypothetical protein YQE_10273			5.55E-72	45.5838	63.96236	48.31614	36.64369	63.40282	34.6434	40.31371	35.80909	45.70717	58.27052	42.5735	51.68111	94.62002	55.57869	62.80159	30.12442	78.69416	71.40475	46.41316	37.68818	43.85321	34.40062	54.07873	51.08158	72.12484	50.33808	63.64767			
CUST_22570_PI429010886	N47253	0.03468284	15	6						195.1305	200.6093	223.277	360.2285	332.5739	217.8657	298.8719	236.9175	377.9818	255.4282	180.8452	262.806	218.2926	232.1589	179.3632	282.172	169.2197	262.1593	425.7716	234.2298	305.049	352.3291	230.7269	397.0876	303.7619	145.4834	305.9094			
CUST_16788_PI429010886	N36871	0.034702511	12	3						32.38584	50.10131	50.1877	87.0776	79.29416	82.32889	75.73146	69.22757	71.23962	43.62046	47.66934	62.66935	59.72832	51.67361	63.01324	76.38149	39.12873	53.83595	38.83274	66.53367	78.22197	68.18657	37.87771	54.8814	45.03269	47.32106	46.76121			
CUST_23190_PI429010886	N48412	0.034713727	24	18						122.7895	142.6733	140.5949	83.58359	129.4034	116.1695	119.1014	103.6461	113.1088	187.2522	148.1939	96.9591	104.8322	131.2558	132.6086	139.866	165.1648	162.3844	149.6649	173.9043	229.7005	114.6828	56.70114	122.0207	126.3152	167.1507	203.8066			
CUST_43650_PI429010886	M63582	0.034747522	24	18						45.0895	95.21224	74.89382	67.97224	67.94466	32.64901	60.2163	76.98432	77.60656	64.54113	69.40758	48.29273	67.29151	69.30661	75.02912	42.83292	69.2197	75.04432	99.38318	93.631	120.5417	62.5403	80.99203	78.99946	79.63863	62.07591	87.40333			
CUST_31184_PI429010886	M918	0.034785852	18	0			Cellular Process	Cell cycle		20.31717	24.71997	23.43251	10.23726	15.7218	9.029102	25.32145	6.89341	12.08009	18.23431	15.47146	17.68077	17.0913	10.79815	20.465	18.28134	16.6949	15.0561	18.96038	25.0378	25.61401	7.626272	7.74189	11.14748	15.83532	13.6553	14.64829			
CUST_21041_PI429010886	N44520	0.034799855	21	0	507945190	PREDICTED: exonuclease 3'-5' dc	Metabolic process	Nucleobase-containing compound meta	2.15E-17	67.35825	90.7511	63.61175	71.90542	64.29327	48.45851	59.22932	58.42497	65.86788	76.94539	58.68809	53.48617	56.29733	54.10933	51.8805	66.21459	106.3359	73.32545	47.13	83.43947	60.69474	84.67585	88.36719	70.12343	68.94498	53.8169	62.65711			
CUST_56512_PI429010886	M113970	0.034812627	18	9						9.1144	4.436184	13.70444	14.43107	16.21895	21.76706	NA		NA	12.60763	19.16283	18.18639	20.01976	14.05555	16.04092	NA		5.094921	4.626825	4.604636	3.855298	15.5193	18.48018	15.53132	7.410322	9.847206	6.949768			
CUST_37373_PI429010886	M18819	0.03482124	24	15	321476489	hypothetical protein DAPPUDRA	Transport	Protein transport		1724.425	3232.565	1993.835	1908.561	1630.398	1670.997	2127.944	2566.656	2464.909	2127.944	1738.077	1869.564	2095.253	1867.24	1537.641	2721.255	3419.816	3258.199	2337.634	2233.186	2276.393	1480.822	2137.853	2075.256	2026.561	2208.268	2319.232			
CUST_32122_PI429010886	M3286	0.03482124	24	15	260824760	hypothetical protein BRAFLDRAF			1E-48	56.18215	61.42131	42.66175	38.54386	32.09525	29.26681	49.30286	58.45199	46.64063	67.18486	36.23287	52.92294	39.04694	39.2136	41.33969	54.9218	70.89953	72.43858	39.97068	50.62618	55.19896	44.43625	52.71315	56.00071	43.58292	50.58009	53.59606			
CUST_32191_PI429010886	M3485	0.03482124	24	15						167.1507	179.3306	180.4687	182.7533	156.8946	159.0574	197.7606	187.8413	207.8778	178.0895	148.2715	155.4749	172.561	208.6394	129.6173	251.0873	193.6334	306.1538	246.7327	184.3599	221.596	185.2204	184.7436	182.9511	197.1276	175.8536	229.2492			
CUST_46720_PI429010886	M73515	0.03482124	24	15						453.6305	570.2732	460.2218	514.9905	357.3731	443.0968	656.7134	498.6872	547.3976	731.5275	460.8197	515.6628	639.0445	347.0422	499.0568	858.51	701.2976	794.9446	709.6774	393.0106	687.0247	559.1602	437.2723	657.9421	780.7545	540.0952	553.413			
CUST_47098_PI429010886	M74785	0.03482124	24	15	270010451	hypothetical protein TcasGA2_T			1.76E-25	22.03729	30.26428	18.3141	23.09778	11.65578	15.30251	19.28057	27.74342	31.75895	32.43254	17.6345	24.39028	25.1445	16.5815	25.47879	35.4183	27.98453	26.21615	29.93607	24.62442	30.45754	32.05226	26.08093	25.07412	22.97455	29.39266	31.83762			
CUST_5906_PI429010886	N19358	0.03482124	24	15						228.253	503.262	368.7015	281.0852	296.3076	268.4876	306.3603	388.286	409.0189	336.1378	359.8294	73.80869	316.7134	361.2613	342.3203	428.8199	550.9285	432.6388	327.7409	362.8242	347.0422	309.6367	399.1589	377.6097	387.8304	354.7453	375.9296			
CUST_6518_PI429010886	N20205	0.03482124	24	15	321472554	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	1.41E-166	118.3592	198.6089	173.6159	132.1793	120.9	119.6988	182.702	154.4269	165.5396	159.2139	120.6837	167.872	169.1748	138.4615	134.8607	166.0161	230.6808	207.0521	159.6186	143.9807	198.9127	140.182	157.3439	184.3285	160.2439	153.7917	170.625			
CUST_8388_PI429010886	N22970	0.03482124	24	15	341878626	hypothetical protein CAEBREN_	Cellular component orga	Chromosome organization	2.61E-53	1065.144	1513.287	1183.911	1084.752	909.9142	875.3699	1320.156	1284.327	1372.283	1405.334	925.0688	1049.045	1312.243	901.877	1073.164	1501.763	1527.348	1577.474	1337.377	1375.234	1485.843	1390.116	1232.801	1404.214	1505.771	1230.097	1767.886			
CUST_9179_PI429010886	N24189	0.03482124	24	15						447.0887	744.1192	559.9215	414.4974	413.8083	401.4434	543.1972	557.6299	541.6936	541.0757	478.7694	577.1013	588.3344	433.2807	445.1432	571.5137	807.865	735.2877	485.5854	497.9545	564.5167	466.4441	599.4277	652.6836	536.0532	543.5625	669.1662			
CUST_22970_PI429010886	N48025	0.03482124	24	15						36.23977	37.11143	55.28196	28.0728	25.43981	23.80751	48.84814	60.28486	47.84164	31.74183	31.70434	34.11363	34.80112	33.0479	30.95789	70.29396	43.37269	61.22809	48.55532	32.93138	45.07182	42.92276	29.1296	36.05308	33.92168	37.92065	44.67899			
CUST_26896_PI429010886	N55083	0.03482124	24	15						35.48599	35.94651	70.1726	27.89978	27.71183	26.2515	32.6167	49.9905	49.65645	48.21771	37.01072	36.11092	45.01222	37.77333	34.00804	51.7501	52.97639	73.83526	39.45708	35.3759	38.57077	41.25814	45.11511	50.23264	64.85257	32.46193	63.07317			
CUST_53625_PI429010886	M102555	0.03482458	21	18	238683673	slow muscle myosin S1 heavy ch			1.91E-10	NA	NA	NA	59.67994	NA	56.55991	790.1557	4.984061	648.9592	126.7539	102.1603	NA		49.5263	87.34939	29.6741	165.6517	NA		150.1608	999.5752	2487.704	4663.073	200.4453	NA		206.1814	517.3443	100.1798	465.5812			
CUST_34398_PI429010886	M9551	0.03485616	21	6	443731513	hypothetical protein CAPTEDRAI	Transport	Ion transport	2.73E-55	6.307711	13.22574	NA	3.416456	11.86355	3.691599	NA	32.26704	27.10146	8.069641	14.3393	18.86536	NA	10.68733	5.887576	4.095509	5.181611	5.887576	NA		10.0947	7.017134	7.10668	9.311282	11.68418	5.888762	17.72698	7.915424			
CUST_32589_PI429010886	M4501	0.03487863	24	21						37.05226	52.76723	44.69425	54.45775	43.42121	36.39662	68.78391	48.43927	32.97277	46.13913	32.67436	39.05213	35.02108	35.08331	32.75774	37.2113	44.96264	43.70979	43.72166	45.90992	37.92736	50.18213	40.25187	55.11762	54.0151	38.17853	43.83432			
CUST_54922_PI429010886	M108170	0.03489566	15	9						47.28718	37.07514	61.04906	37.17438	24.14912	24.83403	63.87134	35.5206	38.34001	43.92043	76.16835	33.35088	64.17487	18.71717	36.54707	40.09078	33.29046	38.33655	26.24625	25.46688	34.56311	45.16793	82.74445	36.6589	63.59914	46.35195	50.1322			
CUST_56186_PI429010886	M113051	0.03489566	15	0	371591236	Euphausia superba voucher 760	Metabolic process	Generation of precursor metabolites ar		610.334	713.8123	690.7831	804.5516	593.171	610.5014	547.8118	565.3173	590.4595	670.6338	602.1887	254.9324	559.7322	705.8467	483.0822	622.7305	688.2575	632.6818	519.2716	574.2528	591.1008	532.1418	567.1816	602.7354	619.843	588.5037	585.1407			
CUST_11747_PI429010886	N28340	0.03489566	15	9						46.11055	45.142	51.19908	35.54628	27.75587	31.58885	46.7009	31.60721	45.16793	42.04361	51.06491	44.68965	49.80766	28.93158	44.52224	59.39503	39.4828	39.50225	33.44592	31.18313	32.87709	35.29322	62.55614	49.28723	84.93839	33.85933	69.5671			
CUST_20655_PI429010886	N43828	0.03489566	15	6	270007542	hypothetical protein TcasGA2_T			5.28E-32	28.97384	24.99187	18.02157	29.09105	33.99416	30.05595	34.90142	34.62846	37.70004	32.77639	30.13664	14.87626	65.33664	20.44981	39.80553	24.15233	26.25392	26.08621	30.95428	30.92216	32.14998	36.14605	30.82949	30.83149	43.75295	27.54823	22.4617			
CUST_44102_PI429010886	M64959	0.03490047	21	0						61.33441	36.42637	55.78947	50.90626	27.23128	48.24962	24.17321	27.54194	35.47011	25.65087	25.77691	33.43972	53.42134	46.16801	43.00281	28.78434	19.20294	25.6877	37.76461	28.78434	33.96811	46.69101	38.87196	49.94405	40.00526	25.65567	49.67735			
CUST_41559_PI429010886	M58034	0.03492826	24	15	156375571	Nematostella vectensis predicte	Cellular component orga	Cytoskeleton organization	8.24E-65	8698.04	16622.66	9026.68	7130.037	6809.882	7212.47	15297.04	13935.1	10641.47	9937.479	6601.274	7203.647	8503.163	8577.765	6717.703	16913.15	16106.84	16151.95	9410.039	10949.85	11822.99	7558.705	8073.399	8723.793	10294.69	9364.597	9905.822			
CUST_3068_PI429010886	N13727	0.03492826	24	15						247.0676	365.8262	273.5066	252.8102	191.9474	195.1036	453.3141	338.5986	342.1248	436.0075	282.2716	97.48939	370.1622	238.9649	309.6955	399.7084	425.8369	409.2932	302.1401	242.9871	386.4267	277.2489	270.3715	316.3525	326.4068	280.0406	310.6389			
CUST_46973_PI429010886	M74362	0.03494902	12	9	291234131	PREDICTED: predicted protein-li			2.05E-25	8.461781	18.31793	22.77868	6.236495	6.985928	NA	NA	33.85933	34.47208	NA	22.0447	NA	16.14034	NA	13.50964	NA	5.613591	4.594536	14.12473	25.89606	14.24832	21.53884	23.87506	13.53611	14.6059	17.45365	18.61143			
CUST_14847_PI429010886	N33568	0.03496335	12	0						26.79608	19.38793	41.67619	25.59575	13.0479	19.62318	14.04923	16.07386	27.76693	25.25868	8.508175	17.89974	38.20771	NA	34.87559	10.03604	20.33677	8.81143	15.97824	18.7418	26.62997	51.3517	34.92878	40.07719	43.126	19.58386	53.64587			
CUST_10703_PI429010886	N26637	0.03496993	21	0						NA	19.73073	10.83046	12.05705	NA	7.804205	7.183028	4.306636	4.710525	6.330656	11.07276	7.975849	NA	8.860901	5.313088	NA	3.773515	4.367886	6.227872	8.519876	NA	9.248552	10.10325	8.869172	5.929428	6.896573			
CUST_44237_PI429010886	M65353	0.03498785	24	21	388855385	related to FPR2-FK506/rapamyci	Protein metabolism	Protein folding	4.63E-15	107.4112	181.4589	NA	152.4151	29.77656	108.1961	156.8658	323.0951	121.3422	40.14297	49.03029	33.63302	72.83732	234.791	62.73163	173.8876	176.2644	112.0856	149.9295	278.0108	102.411	NA	322.9826	NA	115.1151	302.5618	NA			
CUST_8012_PI429010886	N22415	0.03501609	24	21	383859710	PREDICTED: transcription elonga	Nucleic acid metabolism	Regulation of gene expression	5.52E-40	31.12893	26.0084	32.69608	20.80025	25.2621	19.32331	18.77676	26.0242	33.40515	28.02603	21.34628	29.72606	18.43607	19.72473	25.32145	25.69361	36.33638	31.51184	30.62439	27.70466	26.53236	35.93896	31.51184	32.09223	25.30132	29.11467	40.51232			
CUST_8713_PI429010886	N23464	0.03501803	12	6	440573224	glutathione peroxidase [Haema	Response to stress	Response to oxidative stress	8.91E-32	NA	NA	NA	19.53794	NA	18.82259	352.227	NA	336.3009	54.33188	41.07397	NA	22.13004	23.352	11.04999	71.25639	3.331341	78.04556	439.635	886.9505	1604.089	125.4991	NA	116.6401	253.1631	35.62662	220.8506			
CUST_6868_PI429010886	N20707	0.03504573	21	0	443690531	hypothetical protein CAPTEDRAI	Cellular Process	Cell cycle	2.47E-82	5.546759	49.25994	24.485	8.429466	15.07768	12.17483	16.86789	13.57917	20.16722	5.113685	13.54048	5.354125	6.368122	7.642085	6.798297	8.913392	15.87086	17.20923	11.62724	8.692858	10.62147	12.8443	24.56549	17.80998	6.528189	14.11179	16.38009			
CUST_30406_PI429010886	N61826	0.03505734	18	12						24.32178	NA		17.6322	18.30046	6.301132	9.711241	9.346935	6.131248	9.435046	9.530142	16.9284	28.87751	18.46268	NA	16.38984	14.49179	NA		17.29971	7.983893	NA		9.466716	NA	8.010707	13.98648	9.042493	4.866986	8.744802			
CUST_32141_PI429010886	M3340	0.03506093	18	9	383852569	PREDICTED: uncharacterized prc			2.46E-37	25.79038	18.10043	25.87427	35.76583	50.05856	15.85451	65.54992	8.028381	38.76155	54.19934	2092.723	26.64918	28.62359	66.38702	52.43555	5.272315	131.3023	108.1208	25.42657	12.99289	17.39468	21.42365	12.67148	18.39442	68.04801	28.21781	67.36564			
CUST_16584_PI429010886	N36505	0.03506583	18	15	242003711	vacuolar proton translocating A1	Metabolic process	Generation of precursor metabolites ar	2.65E-44	248.9453	290.7575	419.9233	181.8872	243.1902	210.955	205.4153	176.2281	178.1474	162.7145	280.8283	281.9984	186.9296	108.1041	200.3693	342.5433	182.2609	429.1442	273.2919	268.5828	206.7075	169.0416	224.4732	246.2015	187.0768	167.1998	235.8737			
CUST_51261_PI429010886	M92858	0.03509658	12	0	260828125	beta-transducin repeat containi			1.23E-33	18.69988	14.67985	16.39705	17.70936	22.56387	18.49557	12.02318	16.17629	10.38657	6.975804	9.269929	17.93755	15.41579	23.87227	23.32264	14.19705	24.08402	10.25831	8.889617	13.83564	10.35947	4.858314	16.60231	8.983138	18.32623	17.68505	11.24422			
CUST_9029_PI429010886	N23961	0.03510222	24	15						101.1544	108.1394	91.37677	96.16362	88.42474	89.71365	105.5425	108.0397	109.8412	113.3476	106.0251	125.8966	109.5722	108.6739	107.1233	114.1426	131.4002	103.0349	79.62962	117.2201	99.58967	106.0541	99.74451	117.6781	99.28639	104.9576	112.3846			
CUST_35262_PI429010886	M12077	0.03511808	18	9	530588606	PREDICTED: vesicle transport pr	Transport	Vesicle-mediated transport	8.99E-37	48.5496	49.93016	60.13153	27.80868	39.34209	27.51858	39.83652	48.33941	63.47982	59.46532	53.19546	76.86672	64.65354	36.30672	58.88834	41.43387	51.93257	46.49241	45.61423	65.76047	52.62861	50.51811	41.82858	37.31972	28.1079	59.21803	87.71525			
CUST_3517_PI429010886	N14668	0.03513958	18	15						21.01951	3.478231	9.62794	NA	5.924815	NA		11.23899	6.972156	13.57917	8.616008	NA		3.529063	14.49774	14.04353	13.4773	13.10546	17.13272	16.18229	NA		5.16664	9.545474	7.103758	4.628432	9.425176	10.01392	5.909844	3.761666			
CUST_34771_PI429010886	M10611	0.03514616	21	15	498966550	PREDICTED: cytoplasmic dynein	Developmental process	Other	4.27E-17	5.118547	6.235237	9.42062	NA		11.90255	7.931706	8.58312	9.052014	12.44003	NA	NA	14.73953	NA	11.35345	8.695453	14.07002	13.81373	12.53109	4.602944	8.400095	13.23058	5.845515	4.663602	NA		6.458798	7.937099			
CUST_51735_PI429010886	M94782	0.03516443	24	21						18.68614	23.80329	35.17993	34.46864	21.10164	6.16087	29.41321	27.94531	29.4873	31.53769	34.9506	26.43013	27.06162	20.68602	30.5922	24.08402	33.20989	30.7666	29.51504	38.51685	32.38272	41.06867	42.16077	39.55568	36.30672	33.88276	47.21843			
CUST_56242_PI429010886	M113245	0.03518129	15	9						28.64244	15.4594	24.01703	18.78127	11.26538	13.89931	14.57595	6.09972	7.204855	45.12167	16.83166	34.32863	35.13173	NA	24.64742	25.13144	10.22133	20.28829	20.20874	13.87312	13.44284	38.39235	12.28362	29.62518	24.04323	NA		29.91879			
CUST_31229_PI429010886	M4062	0.03520814	24	15						187.3336	405.3815	426.6472	197.8282	200.7173	174.3634	428.2506	306.4312	433.9196	313.7912	274.7682	204.5824	338.4518	256.6606	217.3996	410.9137	469.5128	497.7865	281.0341	317.5843	288.4188	284.8685	362.9291	312.0575	288.7179	268.0924	388.286			
CUST_31673_PI429010886	M2137	0.03520814	24	15						463.3449	721.6825	527.5856	464.1815	472.502	399.5386	662.3233	555.7599	616.7748	643.2149	533.6749	500.1661	610.6881	475.3372	510.9141	895.127	702.325	729.1794	681.1282	485.5854	718.7132	510.9141	592.4523	640.2875	692.8899	563.1838	909.9142			
CUST_35002_PI429010886	M22711	0.03520814	24	3						115104.7	39.3355	9376.495	16580.62	8591.806	1274.018	104.9943	354.5733	802.8093	1786.238	4392.913	5751.95	1159.706	7653.847	9727.143	6098.013	101.334	131.5041	103.156	7529.257	2042.326	1242.667	2146.996	2136.542	746.9967	224.4732			
CUST_39410_PI429010886	M39007	0.03520814	24	15						5166.879	3918.531	4470.918	3274.995	2900.703	2195.531	9410.039	4663.073	6125.57	7621.268	3371.075	4118.017	5678.164	3336.354	3187.955	8658.641	7673.313	6393.352	4710.772	3522.391	4023.648	5630.843	3647.267	4536.055	5705.148	3492.822	4499.92			
CUST_2908_PI429010886	N13365	0.03520814	24	15	321476693	hypothetical protein DAPPUDRA			1.53E-87	62.68994	75.44765	69.28931	68.01088	56.24698	52.06198	90.07438	86.03269	72.92411	69.79048	68.44391	61.11356	72.73375	71.54027	57.3502	74.02803	108.9127	97.85715	84.12527	68.77617	79.25889	84.55241	63.17902	70.51234	80.60289	76.05422	72.08616			
CUST_8044_PI429010886	N22462	0.03520814	24	15	291223879	PREDICTED: Wolf-Hirschhorn syr			4.71E-16	14.29782	14.52682	13.63853	11.77966	9.182591	10.8487	15.67014	14.79429	18.43606	16.70064	7.938175	23.74587	16.19041	10.9112	8.384592	27.02166	22.61153	29.22669	30.72686	14.44887	15.78509	20.06687	11.63951	16.34571	24.21718	17.70572	22.58052			
CUST_11075_PI429010886	N27228	0.03520814	24	3						279.7318	227.2167	372.0362	394.7866	905.7144	531.7033	144.4115	241.7973	209.9538	127.6698	618.7694	640.002	178.596	1113.954	1161.162	118.1532	200.181	148.0023	189.1569	223.3609	212.4427	195.0025	264.3178	188.6256	185.6848	251.9547	270.4772			
CUST_11423_PI429010886	N27782	0.03520814	24	15	260817419	hypothetical protein BRAFLDRAF	Transport	Ion transport	1.03E-55	22.6466	22.01115	23.97222	14.11506	15.05878	16.54899	29.97653	27.44415	23.2872	38.43848	19.14803	26.45386	20.10181	24.47696	18.9186	46.70567	25.57888	33.48738	46.70567	12.18717	24.26356	31.46346	22.63685	29.1296	26.53236	18.85113	28.68856			
CUST_12703_PI429010886	N29901	0.03520814	24	15	307198391	Coiled-coil domain-containing p			1.59E-08	157.8028	239.4012	222.1018	154.6164	144.389	139.4089	220.2833	257.5954	267.2693	232.7864	183.381	182.702	188.0944	210.2639	143.9807	318.1116	301.2002	269.2665	211.6596	206.8979	273.8856	208.8807	216.65	206.8689	226.1282	212.2192	248.8552			
CUST_27142_PI429010886	N55517	0.03520814	24	15						84.37355	141.0554	108.7426	65.91522	58.84073	97.3611	106.9545	201.8019	162.165	91.21622	82.92495	106.5192	65.63872	179.9021	76.81667	248.0559	195.9057	177.5137	147.6657	92.98043	157.8871	111.5206	248.7029	128.2527	133.7558	120.8427	132.8026			
CUST_53998_PI429010886	M104022	0.03520926	24	3						74.47864	39.141	44.19365	54.16069	62.43555	57.02931	47.41757	40.47381	35.61909	90.65467	50.30791	74.80515	44.10093	49.91567	56.49639	49.37835	36.29792	53.78431	36.00546	31.16674	41.61011	47.61497	38.06125	50.66742	55.50618	41.33391	42.03616			
CUST_19886_PI429010886	N42389	0.03521247	24	0						79.96781	77.25936	81.91952	68.78391	57.06949	67.35191	71.05641	67.44192	65.1084	90.08744	63.253	69.69671	60.06954	50.45617	52.94826	77.02123	77.09727	79.63863	84.88526	54.04744	62.59981	79.4857	87.98812	61.1324	67.43392	84.70621	80.91667			
CUST_858_PI429010886	N7592	0.03521896	15	0						2414.182	3091.943	NA	2266.512	13.72622	1758.225	6276.978	3717.963	2580.428	998.2787	689.88	29.66274	1038.339	4101.099	760.24	7364.792	3519.517	3489.361	3975.62	1958.772	3187.955	56.82896	2506.266	50.17119	1502.443	1416.762	14.91026			
CUST_5581_PI429010886	N18903	0.03523676	18	15						518.4861	701.5555	658.5111	569.8831	572.9401	506.5099	861.2738	618.3282	851.1928	743.9121	631.0985	639.2868	856.5689	514.0806	655.3101	777.6219	824.7782	823.7754	672.5292	585.8731	698.508	595.6417	586.1434	720.2377	629.0343	636.557	778.454			
CUST_11027_PI429010886	N27147	0.03527913	15	9						37.21408	20.08859	19.68859	18.43253	19.51852	18.25979	26.12743	17.54875	15.02762	23.67523	32.07806	31.56412	21.29142	17.00074	21.80903	20.52147	22.51109	18.27547	21.21779	14.47219	23.3113	27.92534	18.8308	21.64165	22.54151	24.08979	23.69096			
CUST_15666_PI429010886	N34949	0.03527913	15	9	443697703	hypothetical protein CAPTEDRAI			3.45E-27	31.98442	18.74013	26.7573	17.46553	27.982	24.9094	28.63092	21.57883	16.10164

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_52288_PI429010886	M96962	0.035854722	18	9						10.54562	4.545173	NA	7.003523	6.232148	12.19654	8.674984	3.288762	12.62446	13.11503	10.50374	11.89453	8.188858	12.53963	8.776321	6.920102	8.443674	10.85858	6.813064	4.8576	4.713118	NA	9.45577	8.203427	7.480571	NA	15.75335
CUST_19556_PI429010886	M41772	0.035859242	24	0						17.08672	12.25513	14.7781	7.822887	NA	NA	7.220518	7.295483	4.052176	NA	NA	NA	9.665024	NA	6.821669	3.633963	4.640301	5.159184	NA	7.630778	8.130511	6.26354	13.7624	5.246901	12.88141	7.342734	4.60408
CUST_41888_PI429010886	M58803	0.035886887	24	12						46.9383	79.87529	28.56322	72.45984	268.5317	187.3112	56.15909	77.05387	44.25991	36.515	138.2736	89.48954	46.17834	172.0707	133.5489	220.2308	90.94988	86.06068	52.91761	38.30668	57.66836	22.326	48.57796	20.5047	39.00142	63.05696	18.27698
CUST_5603_PI429010886	N18936	0.035886887	24	21	156548582 PREDICTED: bifunctional purine	Metabolic process	Nucleobase-containing compound meta			212.4024	621.1319	553.413	296.0318	161.4106	213.9341	310.1119	333.9088	388.156	289.6241	329.0788	273.9926	342.85	285.3215	238.167	312.623	553.413	360.1634	333.9088	499.9903	555.0536	397.9972	500.8894	685.4537	514.0806	245.1008	512.4944
CUST_32746_PI429010886	M5000	0.035890013	24	21						75.39478	82.7985	123.9495	125.2342	85.55473	96.03692	56.87317	78.77099	124.2469	80.19562	81.73809	27.74851	84.50226	105.6633	63.42167	116.3995	73.21671	83.04063	177.4189	120.5279	103.8566	178.7203	92.11335	104.1889	182.5875	89.57931	123.7307
CUST_33285_PI429010886	M6499	0.035892707	15	3	488532152 PREDICTED: plasma kallikrein [D	Protein metabolism	Proteolysis		4.11E-13	13.60565	15.0452	16.88956	13.97433	22.80251	18.57337	19.06109	17.98748	19.86967	14.39282	20.31011	20.83583	11.50587	11.08814	9.858804	17.28408	13.65748	17.01004	29.95378	38.4508	40.57567	13.05124	11.53833	13.85771	35.89734	29.20311	17.97466
CUST_39165_PI429010886	M35493	0.035894112	21	3						9.75683	41.53886	10.73207	14.46618	20.06687	21.51378	21.28674	11.21321	9.196346	10.94976	17.44594	32.44579	6.344447	11.80274	13.7591	14.11853	9.106589	20.94698	14.00174	7.05762	11.73235	13.86405	9.546386	20.14753	41.54672	40.72145	22.75991
CUST_11882_PI429010886	N28568	0.035894112	21	0						22.00814	24.21942	32.58867	15.36202	23.27568	7.02166	14.32082	15.73083	17.26425	26.33431	8.241594	6.90056	26.40151	15.49793	20.88741	21.11994	13.17346	22.4165	24.98919	17.1638	18.56908	30.68789	20.96992	29.19296	20.82592	11.18301	32.80252
CUST_5797_PI429010886	N19209	0.035908591	21	12	321476786 hypothetical protein DAPPUDRA	Transport	Other		1.65E-120	88.53491	97.74585	79.83656	98.32351	415.4114	262.9461	110.7898	215.5592	149.0067	96.84289	257.0403	209.9538	111.9958	276.7278	293.568	120.8801	143.1244	129.7798	141.2484	239.2059	169.6212	73.69276	146.3133	73.36846	112.669	206.3618	141.0311
CUST_34903_PI429010886	M11038	0.035910012	24	21						8135.669	8818.425	8362.147	8215.523	4572.831	7225.192	13988.25	6770.352	13301.65	5166.879	4177.108	6060.248	5609.633	4378.72	5992.677	11395.49	9153.451	6401.205	5462.129	4767.094	6010.065	16452.07	7714.571	16622.66	12255.54	5718.956	10142.18
CUST_47771_PI429010886	M77551	0.035919133	24	18						3000.392	4829.887	3463.912	2831.186	1967.079	1984.393	3108.034	3408.763	4339.098	2814.474	2342.087	2251.39	3724.515	2400.564	2475.896	4031.99	3629.795	3672.992	3882.503	3441.376	4536.055	3506.645	3411.4	4275.766	3543.046	2475.896	4715.833
CUST_44686_PI429010886	M76675	0.035934439	24	15	291242851 PREDICTED: predicted protein-lil				6.49E-15	5.944674	6.015676	NA	18.16767	5.103026	5.90416	5.539656	NA	5.841296	18.91649	6.105492	8.139109	7.442251	6.77005	10.7159	16.8338	14.87626	15.83716	7.414538	6.963509	7.324518	5.559073	6.39951	17.81893	7.317791	NA	7.939364
CUST_37934_PI429010886	M22298	0.035934716	18	15	507697569 PREDICTED: 14 kDa phosphohist				7.29E-34	118.8436	174.0791	118.7775	106.8768	82.62828	72.80134	146.3771	142.9786	119.1723	122.1528	94.11531	108.2394	118.2919	120.4647	105.5272	126.8773	158.0988	193.5706	144.6793	119.6201	167.564	94.31617	118.6245	117.9775	145.5847	92.41119	162.7381
CUST_31892_PI429010886	M2680	0.035934716	18	15						463.8737	1594.029	746.4733	927.3328	132.6086	622.3504	2130.512	1338.68	953.2644	2096.347	785.5802	1053.276	1416.762	699.296	854.7576	2933.397	3538.483	3159.077	1459.585	590.1632	1073.581	884.7471	430.0583	1063.832	2702.508	1724.425	773.6805
CUST_3703_PI429010886	N15085	0.035934716	18	3						405.1127	136.8772	582.599	706.4981	772.0259	727.2739	259.634	248.2615	537.3205	430.0583	777.9259	625.4995	597.9185	722.3326	982.8111	64.02245	107.9064	106.5192	367.1233	462.531	400.9039	705.4218	610.334	887.5066	312.6928	389.7916	707.3888
CUST_42815_PI429010886	M61333	0.035936581	24	18	241720419 E1A-binding protein p400, putat				2.23E-22	11.06316	7.224793	12.62329	4.030427	NA	4.708302	11.63381	4.68663	4.819136	13.43266	NA	10.89646	16.90428	11.24141	6.619984	10.52953	7.621112	18.15042	16.06184	7.431224	18.95539	NA	11.51019	11.20074	11.33295	5.675951	11.22607
CUST_36868_PI429010886	M17077	0.035956293	18	3						88.37671	33.88276	137.0769	178.9277	89.61931	145.8127	61.84336	53.73347	73.03741	83.11893	118.0123	115.2656	138.2736	134.7853	103.7569	41.98487	31.38832	42.01431	77.48265	78.46823	80.90741	140.3412	111.5466	130.6824	101.0477	82.46867	134.9488
CUST_49594_PI429010886	M86322	0.035959645	24	15						18.36667	13.54048	17.18131	12.13039	3.525082	8.485387	19.13763	6.754089	19.28815	23.77756	13.17479	12.57044	16.59434	8.85643	17.17797	18.93816	14.49645	12.28434	37.27454	9.615742	33.53984	8.342949	18.14584	10.55727	17.49999	6.86903	21.15511
CUST_14352_PI429010886	N32742	0.035959645	21	3						18.87639	20.96269	27.02045	30.76277	29.83738	22.67515	25.62254	20.16486	20.18416	25.15875	19.92338	28.18616	35.50491	19.04797	23.09193	21.9826	10.29813	13.50326	23.01193	17.70791	18.2488	21.618	24.469	24.21718	22.4165	27.15396	28.87489
CUST_24615_PI429010886	N50946	0.035994523	24	15	332025990 Lysine-specific demethylase 6A [				1.02E-46	NA	15.42242	10.26423	9.647611	5.768746	4.984061	6.686795	7.537524	12.72466	6.485846	11.75933	3.409742	10.06668	13.54726	16.97215	18.13805	13.75076	21.36623	4.77556	14.45929	13.67378	6.757327	11.26701	8.275544	8.441494	14.69878
CUST_54087_PI429010886	M104483	0.036002886	18	15						22.74435	30.28489	20.12782	5.028618	6.209536	NA	18.10043	12.02014	14.98689	9.068193	31.43412	32.21229	15.05878	8.799574	18.76106	131.4508	127.7162	21.78937	16.13355	15.59925	25.0443	NA	12.95701	15.31705	49.21384	37.8457	6.551019
CUST_34499_PI429010886	M9852	0.036019877	12	0						78.4622	84.62659	142.0036	142.6225	83.14687	67.34563	51.27875	77.22486	82.52242	60.96191	103.6054	66.296	77.3983	90.31517	86.48763	96.87922	97.33698	70.89193	69.36872	77.23272	62.25184	103.2627	89.14903	95.32122	145.4586	119.5986	145.0185
CUST_24152_PI429010886	N50126	0.036019877	12	0						28.41121	36.68361	42.87617	23.33045	39.82958	33.63623	13.94586	24.7069	26.68755	27.46909	30.13995	31.96971	31.39708	28.2959	30.27186	52.97639	20.79498	29.98996	27.82089	20.78179	23.65648	39.51778	32.13816	41.67991	47.23775	31.80176	40.95208
CUST_38144_PI429010886	M23640	0.036073528	18	15		Protein metabolism	Proteolysis			64.61049	86.89375	98.64233	44.85722	70.74232	37.86955	78.61195	96.62082	76.16048	87.19961	79.49714	101.2279	48.67088	77.97296	84.31048	90.28649	118.0123	94.03123	65.72115	83.50325	76.34956	64.66012	76.49879	88.46676	85.75696	71.74885	89.44264
CUST_32982_PI429010886	M5628	0.036073528	24	18	315435539 Armandia brevis histone H3 gen	Response to stress	Other		2.71E-106	2698.998	5693.503	3423.157	3423.157	3475.106	3093.621	4536.055	5009.272	4750.447	3617.55	3261.337	3699.413	3838.854	3202.946	3864.779	4646.072	5215.78	5085.201	4988.039	4583.265	5921.175	3739.191	4791.878	4086.34	4960.329	4086.34	4238.105
CUST_2324_PI429010886	N12107	0.036073528	24	3						2556.357	973.3791	2149.415	2771.365	3706.021	3475.106	924.7313	1147.873	1093.904	1042.247	2312.635	2652.405	1176.428	3475.106	5258.496	1037.05	741.6851	641.7824	840.4028	742.4077	947.6406	1379.279	1002.608	1487.991	673.8771	710.1661	1047.687
CUST_12917_PI429010886	N30264	0.036077796	24	18						436.8129	558.4737	492.2464	412.9087	336.8769	395.794	430.6456	422.8235	543.5625	550.8269	409.9614	416.9152	519.2716	368.7646	473.1245	491.3879	573.2384	558.2968	575.3242	432.1282	565.179	469.4191	547.5307	529.579	577.3756	459.8781	720.5302
CUST_55997_PI429010886	M112487	0.036132958	24	15						391.1906	504.902	415.6373	400.4361	250.5828	260.4457	594.6179	500.8894	595.8749	485.5854	275.9873	293.6477	510.4694	329.2075	349.0153	612.3531	651.7291	709.0094	485.4687	374.5443	654.7479	394.3642	394.5922	419.7244	497.9545	446.6878	449.2725
CUST_53844_PI429010886	M103399	0.036156229	15	9						13.69996	18.36667	23.67991	25.50246	21.73011	17.98748	31.68069	24.2121	21.36469	22.07863	26.24406	28.15447	29.76143	12.78096	24.06897	22.92862	16.36594	18.67325	29.12719	12.10978	14.94152	27.85041	28.41463	25.8664	28.6788	25.39952	30.6586
CUST_2266_PI429010886	N11990	0.036201656	24	12	91087225 PREDICTED: similar to CG1973 C	Protein metabolism	Cellular protein modification process		8.32E-90	13.67194	19.88098	19.00748	16.03888	24.45655	10.78069	21.61569	13.30176	23.23151	19.1261	15.83379	26.20838	23.59034	26.79132	24.9948	22.17034	10.05997	17.99307	17.0913	9.449006	15.20248	14.10658	12.36112	18.20871	14.75984	23.30722	11.69775
CUST_16961_PI429010886	N37146	0.036258106	24	0						20.69694	49.80766	44.11057	61.3418	34.98836	30.84044	23.45171	47.01945	48.08352	27.85041	21.7119	31.54655	24.25396	29.16979	26.14998	38.27142	31.27222	36.84812	41.50754	47.58263	34.32507	34.45662	37.80064	46.42563	34.06072	35.05094	53.46273
CUST_48955_PI429010886	M83188	0.036271831	24	21						51.33067	48.81917	48.41454	60.97733	37.04177	43.53777	44.22724	51.29815	57.12984	52.56738	44.53859	33.93523	47.58659	43.23211	42.70334	56.04689	48.49422	56.55385	60.18029	53.8516	59.63292	61.11356	54.36935	56.95109	70.53623	46.91122	38.293
CUST_33664_PI429010886	M7547	0.036295995	15	12						12.29213	35.01298	18.49152	5.276347	11.36418	10.98592	9.923975	23.54538	25.32432	6.098024	15.49957	19.17715	24.70036	33.45613	21.5284	27.13005	19.25364	24.03743	5.213159	21.22638	12.76402	18.03823	27.68667	23.67342	23.21362	34.06922	27.96875
CUST_10049_PI429010886	N25615	0.036295995	15	6	325183354 AINc14C40G3455 [Albugo laibac				1.97E-41	32.99109	59.43938	47.75574	54.18663	51.09652	39.49333	60.05066	66.75504	97.87129	37.54467	51.69582	17.78405	33.83846	33.82054	42.6332	57.39387	44.32847	56.00071	41.04183	53.11562	44.78302	42.67386	58.06369	52.46241	47.53635	54.17655	37.88664
CUST_29972_PI429010886	N60924	0.036297458	21	0						3.967607	5.289573	5.348053	7.044801	5.999572	4.067971	NA	3.483452	4.891569	67.2518	11.3602	6.470489	NA	11.87749	7.740604	13.77957	8.145745	8.463109	NA	5.700788	NA	NA	4.053834	NA	23.87086	4.497475
CUST_36472_PI429010886	M16003	0.036324823	15	12	528473148 PREDICTED: gastrula zinc finger				2.48E-34	NA	8.096327	9.835386	6.036906	12.2337	NA	7.2855	8.594232	11.54243	NA	9.450084	11.76421	NA	12.26023	12.68546	8.380001	11.12477	13.8625	15.54734	12.16037	9.012147	5.227502	4.585846	8.380001	11.12477	13.8625	15.54734
CUST_2517_PI429010886	N12543	0.036326571	24	3						19.20499	15.69371	15.5193	16.8338	20.26109	22.95506	9.05285	15.80769	15.23659	7.612225	10.46195	15.7786	12.22645	6.621148	24.61357	17.04802	4.867806	26.16822	9.1144	8.188858	6.254674	13.36765	13.1221	17.458	17.19316	13.36916	23.5268
CUST_57196_PI429010886	E2393	0.036343065	18	15	258406678 QM protein [Penaeus monodon]				1.23E-12	27832.29	36571.4	32454.44	24825	26299.14	26056	34757.71	34486.72	36724.45	32798.44	29122.17	27459.44	26987.8	28743.72	26567.15	35157.95	43090.8	38719.75	32969.41	38996.88	40915.77	25703.26	24040.66	31108.81	32969.41	34065.02	34620.42
CUST_32008_PI429010886	M2984	0.036343065	18	15	255739745 alpha2 macroglobulin isoform 2				4.09E-109	942.2704	1308.545	576.9572	967.7143	316.0187	746.7514	1579.509	884.1094	994.081	1471.771	699.1348	734.9802	1536.792	584.3107	954.4926	2782.49	1601.274	1622.787	1334.416	502.3264	1182.042	775.4008	636.7343	739.59	1392.832	895.4864	577.2434
CUST_43329_PI429010886	M62744	0.036343065	18	15						29.51504	46.56473	31.38832	29.64523	28.06683	38.77522	39.44924	34.81754	49.75986	57.68508	17.60535	48.27587	38.88446	29.2298	37.51953	57.62248	67.14461	44.31359	49.4478	35.38316	48.72562	34.95499	26.27328	31.13164	43.4735	42.07726	32.18818
CUST_12613_PI429010886	N29744	0.036347938	24	18						179.7279	142.1733	154.9893	139.7162	169.1748	152.4946	197.961	134.703	156.2876	187.4109	153.409	136.5677	170.064	131.4315	163.3644	216.3122	173.05	181.9919	220.2503	174.6338	238.1099	205.536	174.6626	177.3292	237.3958	187.2522	210.4014
CUST_43151_PI429010886	M62214	0.036351299	24	9	241694652 toll, putative [Ixodes scapularis]	Response to stress	Other		3.3E-18	72.99439	146.5474	98.53709	78.49976	86.46711	79.06068	98.60183	120.8801	110.2359	60.94356	162.4391	118.0906	78.4622	119.1014	129.2072	75.02912	128.8601	81.61482	56.76972	80.57219	58.47152	43.126	92.18916	74.63974	69.53147	68.08811	70.71767
CUST_50133_PI429010886	M88771	0.036351299	18	0						16.27834	44.05427	29.54223	13.14355	26.04551	22.42596	14.64996	23.06634	25.49854	9.913032	19.27844	21.48685	22.56219	12.55867	21.17165	10.61964	28.33501	11.06604	24.58293	39.75997	34.00502	22.94104	30.81966	17.51782	21.76426	16.45776	26.46184
CUST_45762_PI429010886	M70209	0.036363686	12	0						169.7003	176.3429	213.89	167.708	188.767	160.4433	131.2558	120.4478	142.5641	170.1187	166.3542	179.8439	180.6161	194.635	181.5127	129.0645	187.8136	158.2614	159.0077	142.1072	175.0235	201.5828	173.4147	204.8443	163.1045	149.3002	236.9699
CUST_113_PI429010886	N1084	0.036398055	24	3	152949487 calcification associated soluble r				1.07E-23	493.728	449.2725	67.3848	47.36163	1558.626	1609.728	183.9971	729.6122	131.6454	83.4637	151.6954	156.0675	43.64157	63.58392	45.34342	72.36965	60.13944	14.56816	32.81904	1312.243	22.59481	85.42964	149.769	44.13653	26.54409	520.8578	27.62537
CUST_34455_PI429010886	M9721	0.03643708	12	9						563.9832	56.15909	576.0861	496.2739	371.8649	458.7704	67.85229	49.49501	69.65321	480.3553	773.6805	732.552	709.6774	435.2817	938.592	25.8029	72.50711	39.91458	91.71339	62.77181	97.12878	489.5895	697.732	783.939	193.5997	221.5335	459.3044
CUST_1561_PI429010886	N10081	0.03643708	12	9						196.7017	352.0102	255.1811	233.0433	114.3312	133.6627	361.1116	287.2425	467.458	309.2795	504.3232	155.1663	412.604	308.0511	102.015	69.28931	161.0739	59.98742	455.1948	148.2361	215.9444	699.1348	453.6305	126.521	354.4054	359.4486	439.3042
CUST_3938_PI429010886	N15616	0.036450758	24	0						14.90623	16.99789	NA	10.50783	NA	8.985774	24.49039	25.46423	12.90825	9.228702	NA	9.344648	13.11503	5.731637	7.749042	7.348066	5.336459	9.359931	11.45884	15.73415	3.706394	NA	19.0985	4.923756	NA	29.07103	NA
CUST_50647_PI429010886	M90543	0.036459144	12	0						44.26795	31.68332	52.23206	40.80836	11.37944	31.04885	19.55672	22.67946	11.36418	21.68924	31.32937	17.74047	42.58958	51.70731	25.05787	33.62763	35.51059	23.34681	24.91804	19.26727	10.09623	40.05574	23.97557	29.02458	19.71754	29.56665	15.41235
CUST_28220_PI429010886	N57534	0.036459144	12	0						594.2073	883.4797	1095.073	944.8425	824.0838	759.3274	543.9588	424.4332	610.0117	780.1728	716.3366	624.5971	1062.332	709.9527	987.1103	604.3308	520.1918	567.7111	660.6448	704.9081	848.0782	976.531	801.3203	1398.823	911.7924	929.1604	1415.173
CUST_32573_PI429010886	M4464	0.036474577	15	12		Transport	Other			469.7204	2942.677	462.8317	1253.031	309.2002	810.1648	1953.31	898.791	637.2271	1427.593	842.2205	167.5398	2611.542	1743.671	2140.092	1349.624	2509.266	1792.472	588.9389	392.1417	586.3741	662.0947	164.5889	794.5562	1736.886	1420.017	310.1796
CUST_28834_PI429010886	M31050	0.036482455	24	3	242018020 chitin binding peritrophin-A, put	Metabolic process	Carbohydrate metabolic process		2.38E-51	1936.909	617.4977	1534.389	1999.848	8378.475	9410.039	650.7176	2208.268	544.6702	346.7267	122.4112	2803.748	333.6191	3819.978	3079.233	1532.697	461.0647	4134.884	298.5479	3275.903	1726.341	345.8925	1248.523	381.4448	2883.204	201.2812
CUST_35307_PI429010886	M12194	0.036516966	21	15	62126070 C-type lectin protein [Fennerope				4.91E-08	40.0727	36.54404	47.08587	7.768671	5.963077	NA	NA	8.224117	5.660534	25.59303	46.5992	49.96129	NA	13.73882	3.621299	92.63177	31.5432	47.32579	43.37269	12.15684	30.23708	94.22856	14.96774	76.16835	22.23439	25.60118	9.64326
CUST_18420_PI429010886	N39770	0.036530103	24	3						59.84299	16.64023	9.44382	15.48837	31.60141	29.74161	46.97626	10.48767	11.95232	NA	80.01788	26.46408	4.454028	8.823825	9.59436	NA	6.35162	9.937052	12.1995	3.864551	10.23831	5.519067	20.99331	11.12634	5.620522	14.56607
CUST_37405_PI429010886	M18915	0.036534435	24	15						3480.931	7663.711	3151.384	3095.903	932.1979	1799.736	7577.055	7353.952	4870.528	5726.275	1577.474	3127.267	2985.873	2519.472	1746.391	5856.992	8484.924	8577.765	5080.07	4690.093	6087.174	2060.105	3804.856	2427.484	2545.232	4023.648	4266.005
CUST_34297_PI429010886	M9270	0.036534477	24	21						194.6096	391.6595	296.9431	217.1972	290.6243	199.0025	198.3747	255.9023	253.9457	227.2807	235.2069	245.9429	306.9528	272.3474	327.8924	264.3178	338.4518	351.6631	219.4592	325.8846	266.1986	279.7784	361.1904	378.1731	256.4943	321.6405	379.158
CUST_12494_PI429010886	N29555	0.036534477	24	21						57.94141	54.70587	75.58915	53.28421	59.41831	54.06732	40.37732	47.29636	61.08411	65.10135	48.44903	43.87779	49.97848	66.37527	52.46241	65.13726	58.35105	55.0756	66.92448	61.09188	52.36478	59.96133	65.08782	63.16716	59.11174	59.15199	62.88268
CUST_18333_PI429010886	N39595	0.036540755	24	0						161.0739	245.783	224.2885	188.9036	222.1435	178.619	95.43553	193.7593	134.0586	131.6454	207.2425	173.8872	137.7031	178.5273	223.053	151.7139	218.3669	159.6647	134.4304	196.7413	177.8178	195.6118	228.2102	244.7472	213.0104	195.9322	253.8231
CUST_23966_PI429010886	N49786	0.036540755	21	15						181.4867	179.8173	179.7028	183.166	155.8635	158.7144	183.8806	164.0034	203.4357	182.1611	153.8597	149.578	216.5044	137.0769	81.91112	235.4891	223.4669	234.4037	218.9179	181.3504	166.2655	203.1024	174.4941	188.5963	171.097	161.0998	164.1132
CUST_12348_PI429010886	N29328	0.036573021	18	15						6.523317	18.17826	8.210092	11.27666	11.24422	7.002504	11.32628	19.61588	23.30032	14.7656	12.8064	16.44852	13.94283	21.78716	9.24446	32.77954	21.70891	29.65959	12.76284	9.325616	14.71575	14.2733	12.69375	9.51357	21.45343	18.49709	15.09815
CUST_975_PI429010886	N8042	0.036590217	12	6	354481189 PREDICTED: Cricetulus griseus m				3.04E-54	155.9036	156.6513	98.87854	115.8648	146.1149	199.2156	163.8102	161.7929	180.4396	93.83228	128.9772	141.753	98.24098	126.5609	126.3605	158.5985	156.338	129.5473	200.2792	137.3537	189.2614	92.18916	144.0796	97.69073	125.6969	133.4766	107.9823
CUST_9573_PI429010886	N24859	0.036605604	24	3						17.39841	9.788595	22.4679	66.24674	25.08179	23.94642	25.85237	33.67346	15.27866	21.90135	20.7462	27.29712	16.72346	8.140119	22.96723	12.90656	29.56314	20.05458	16.56329	7.666632	14.79799	18.11998	13.74572	15.02117	10.54024	24.26626	12.04777
CUST_1684_PI429010886	N10433	0.036668641	15	0	307197722 hypothetical protein EAI_02279				3.09E-21	472.1134	746.7514	360.0833	398.2963	273.9926	380.9979	601.3269	527.1701	591.6487	346.1134	247.1999	347.4772	328.9434	568.8248	223.4669	781.2177	899.9958	862.8898	560.6594	409.8716	464.4221	233.2689	386.6278	295.9223	333.0274	432.7554	316.5315
CUST_14867_PI429010886	N33602	0.036699284	15	12						12.76907	17.47661	12.42724	8.281737	14.82383	12.96468	4.525657	10.7159	4.090589	13.72334	10.53608	19.63566	19.02789	18.48727	7.821834	10.44732	16.13712	12.59509	16.69937	12.81539	5.35197	6.773043	10.7195	6.638039	22.1072	26.805	12.60565
CUST_17794_PI429010886	N38599	0.036699284	15	12						29.19296	30.61698	36.85694	40.01172	22.68453	25.24183	27.12484	19.53794	21.67518	48.39409	27.72385	32.66215	38.70471	26.27112	29.31887	26.31789	34.42594	28.39888	28.49131	29.13899	28.89871	27.01424	25.94465	27.5939	31.26771	28.80735	38.62045
CUST_31765_PI429010886	M2349	0.036722201	18	6						5.033666	11.73041	NA	13.76082	18.2303	17.46742	20.43156	28.04196	30.68226	9.41028	19.89427	20.96118	17.54	26.66965	8.880632	12.86584	22.89867	13.7086	27.72385	10.89953	19.34308	9.315034	21.93453	12.11843	25.07913	27.46909	22.55249
CUST_41900_PI429010886	M58329	0.036735349	18	6						62.96835	93.93739	91.8129	69.92347	108.663	100.3493	78.72715	93.84798	106.8768	77.25936	76.5464	75.16291	83.07439	82.28898	94.22

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_39508_PI429001886	M40617	0.037254156	18	15	328899961	Procambarus clarkii clone pc-97	Protein metabolism	Ribosome biogenesis	5.18E-111	8565.196	10394.61	8929.115	7081.435	5864.557	5502.319	9743.786	8215.523	9578.799	7007.731	5686.353	4302.905	2437.73	6010.065	6109.222	9578.799	10921.28	11455.94	8256.789	8296.544	10448.35	6032.614	8658.641	5979.853	6125.57	7130.037	8619.889
CUST_559_PI429010886	N6026	0.037270175	18	3						19.42183	15.07942	39.14896	54.06274	47.93427	NA	10.91964	26.59448	60.96816	8.302503	40.03773	7.642085	70.10106	42.04361	15.18033	4.487743	NA	4.096004	78.43693	54.45775	48.07163	73.49385	95.173	46.88996	65.85526	74.85952	98.83232
CUST_53782_PI429010886	M103167	0.037289236	12	3						521.086	1044.85	1107.46	1044.807	1105.498	1042.247	1529.961	1846.233	1101.9343	543.0486	1243.512	856.9537	827.5626	176.4771	516.3556	1594.801	2308.81	1211.071	1397.328	1880.339	1337.375	1805.629	927.9648	762.8618	843.5336	593.171	
CUST_26179_PI429010886	N53803	0.037294423	12	9						14548.28	5697.98	15230	13043.65	5002.917	6155.993	5697.98	7346.003	9376.495	10871.96	7695.811	7844.789	17555.23	6976.622	8886.515	3316.279	4305.784	5091.533	9313.798	9096.626	11643.13	15967.93	9727.143	15197.96	6656.173	8256.789	14614.52	
CUST_41785_PI429010886	M58556	0.037300157	12	6						7.293154	12.15059	10.99326	11.5043	NA	NA	13.49255	15.96179	22.49747	14.86033	NA	6.733117	14.05555	NA	4.982765	7.207883	15.12866	15.49423	11.7354	19.64262	17.87345	7.43445	11.55732	9.642309	8.241594	6.156935	12.83603	
CUST_12449_PI429010886	N29475	0.037300687	24	0						190.9992	226.2405	295.1045	276.0279	165.0676	97.78469	154.7131	152.0267	215.4758	182.136	121.9035	202.3915	227.4568	141.1811	93.11317	153.1975	220.4205	228.253	191.1727	292.8189	319.9838	180.9438	197.1631	263.0521	368.0554	221.1265	557.162	
CUST_38382_PI429010886	M26077	0.037303308	21	15						7610.57	9194.226	7577.055	4852.406	6010.065	4392.913	10323.84	11911.49	9392.481	9194.226	7194.306	5884.771	6032.614	6551.409	5638.594	11112.95	12097.54	9364.597	8006.37	9837.56	6401.205	6845.752	6717.703	6592.219	7450.782	6233.119	6727.299	
CUST_42511_PI429010886	M60470	0.037303308	18	15						5697.98	6240.674	5482.841	2769.46	3046.537	2818.904	7415.157	7147.632	6665.157	4829.887	4041.944	3552.655	3480.931	3408.763	3538.483	8334.379	8658.641	7900.843	5489.861	6401.205	5415.358	3983.53	4261.241	4372.597	7621.268	4513.062	5751.95	
CUST_49278_PI429010886	M85000	0.037303308	18	3						45.11511	10.42867	36.615	47.91548	43.65579	49.61593	16.79051	14.94729	13.98478	40.13104	38.63208	38.62045	78.42276	39.54727	47.80868	4.869797	4.23672	3.503828	18.39978	20.70915	16.65836	57.71976	35.96649	48.73482	33.97232	22.248	28.5396	
CUST_28688_PI429010886	N58437	0.037303308	24	3						1008.089	51.84875	2210.04	2227.296	889.8299	1841.638	41.71225	154.2424	56.03663	75.29284	205.7216	246.956	63.91561	2056.189	1645.987	24.34094	39.76763	26.5296	37.88664	50.93191	29.35503	748.1962	68.59824	659.7683	12.12549	46.05207	12.97187	
CUST_41093_PI429010886	M56856	0.037337677	12	0						714.9939	758.1822	858.1052	544.0973	642.5938	469.1525	437.1787	575.3242	589.5468	706.0661	735.8335	605.0439	758.1822	544.2292	644.5321	590.8215	987.5397	700.359	688.4549	666.6396	427.9123	791.0912	717.7206	713.1241	719.7217	695.8214	1071.049	
CUST_5940_PI429010886	N19403	0.037337677	12	0	336309251	PC2-like protein [Penaeus mono	Protein metabolism	Proteolysis		63.37029	58.71184	54.80156	75.13872	58.4887	43.36808	56.97506	30.00811	50.58432	57.53971	54.5198	32.89506	91.39547	61.81014	39.99078	78.99646	52.78141	43.59878	49.19138	56.56581	32.2482	83.93495	44.02723	60.85412	90.41336	74.96434	124.0485	
CUST_56993_PI429010886	M115070	0.037355899	24	15						5840.985	7021.693	5864.557	5061.439	3039.361	3759.237	6642.147	5292.711	5864.557	6376.466	3975.62	4097.003	4114.144	3792.758	4353.655	8417.477	6665.157	7039.176	6734.459	5814.883	7518.482	5374.176	6491.663	6109.222	6584.064	5442.505	7337.918	
CUST_51763_PI429010886	M94942	0.037355899	24	9						262.3549	113.3476	76.78462	315.8899	128.4802	178.8343	279.0664	71.13619	66.33276	340.5595	128.179	152.096	281.7476	132.131	146.5474	129.5211	61.70924	151.6078	43.06184	94.7749	53.43212	72.69874	91.63916	109.2206	63.23529	141.0774	84.82301	
CUST_1909_PI429010886	N11039	0.037357745	24	21	321466664	hypothetical protein DAPPUDRA			1.09E-13	5.11517	13.92326	13.94762	7.062362	NA		6.459779	3.612372	4.853422	7.828751	17.09704	5.509501	10.06209	7.437604	NA		12.24986	11.23607	12.37599	7.758333	6.217149	8.707003	12.41644	7.840494	17.22926	16.78177	8.704745	7.770794	15.1083	
CUST_4292_PI429010886	N16419	0.037369471	21	15						185.1417	805.2136	72.20099	475.7174	124.7762	542.0349	817.4569	344.8862	451.3395	514.2205	360.1634	38.76999	1282.861	379.8743	1318.185	1344.214	1936.909	1512.062	575.1095	171.4846	452.3252	209.3429	388.156	185.9337	676.3457	546.6865	109.5041	
CUST_821_PI429010886	N7415	0.037373799	18	6						19.47777	28.52077	23.49891	24.97826	18.26962	24.09713	28.01116	24.95817	26.11634	28.14	18.88058	19.40949	28.15267	11.5869	19.83817	20.79498	18.07903	24.22714	20.3622	22.87315	22.03386	19.81642	22.20534	23.86617	39.18663	26.9815	31.48421	
CUST_49871_PI429010886	M87528	0.037393846	24	6						4.760764	9.035174	6.682398	14.03865	11.21321	8.403309	11.49935	23.96712	29.08472	6.600616	24.91804	7.515502	7.254794	29.47872	21.3055	7.004515	33.33788	25.16586	3.786374	3.32404	NA	15.12564	5.544575	NA	7.428342	7.092464	
CUST_26795_PI429010886	N54890	0.037409823	24	21						26.9108	21.44313	29.37527	18.2969	34.17741	34.08118	15.57988	8.005861	15.5839	18.67654	15.59925	28.54278	23.8882	13.13244	20.63759	23.67991	9.741497	28.18989	27.09506	15.99154	20.12395	27.31739	30.99121	31.55061	25.69105	21.93453	36.63348	
CUST_54753_PI429010886	M107465	0.037439514	12	0	317383196	myosin light chain [Penaeus mon			2.12E-15	17.8703	31.99205	20.89693	33.93179	18.64717	27.07259	23.85867	20.56246	7.101655	16.00795	11.5043	18.60288	22.49316	70.5281	21.29385	17.76818	22.21134	25.30137	16.62267	69.94405	14.3798	8.391548	6.076625	13.35388	51.39126	21.73098	7.95024	
CUST_36333_PI429010886	M15628	0.037447839	24	3	156550883	PREDICTED: hypothetical protein	Protein metabolism	Cellular protein modification process	3.87E-52	67.7048	62.5913	73.84495	57.73118	73.90571	73.87601	51.12885	54.55547	62.09609	41.87629	55.88596	44.82733	52.48812	69.24371	56.49038	49.09284	68.80951	35.97882	33.3337	54.08431	47.28718	60.13153	68.11052	47.80328	53.8298	73.12505	48.76855	
CUST_2652_PI429010886	N12839	0.037447839	24	18	321477846	hypothetical protein DAPPUDRA			6.71E-134	135.209	207.5176	188.2411	134.6107	106.696	94.1914	214.9733	177.7613	190.5205	162.9031	126.7369	103.2209	172.4755	122.0546	160.1108	183.5637	214.2039	211.3776	224.5032	175.3405	231.4277	145.3581	188.0176	173.259	212.3284	173.8666	187.9422	
CUST_5840_PI429010886	N19275	0.037447839	24	18	321468789	hypothetical protein DAPPUDRA	Metabolic process	Oxidation-reduction process	1.37E-87	169.2749	330.3379	335.3952	234.4388	234.0079	129.4725	298.1868	323.6649	464.5257	267.1275	371.0946	248.9453	376.2092	271.1875	208.1428	196.526	386.528	302.4553	366.6368	435.0369	547.8118	400.7915	630.5448	591.3029	354.2621	290.2762	516.6055	
CUST_9378_PI429010886	N24517	0.037447839	24	21						102.7974	139.4798	146.6123	122.3631	143.2785	101.2701	54.81291	125.7435	126.3152	120.5704	158.224	122.3789	130.479	132.0703	148.9148	121.0004	146.5694	100.646	116.0591	147.3274	121.6162	174.1094	173.1388	179.9021	166.9595	154.6439	168.8682	
CUST_1186_PI429010886	N8773	0.037447839	24	18						83.32737	84.85915	80.01131	76.51861	66.41015	68.90523	80.00199	64.31661	90.36229	81.66229	68.73418	103.657	97.03233	61.4292	97.244	93.87326	76.11372	107.696	104.0936	80.10622	127.9261	106.3076	86.41587	101.1544	106.2889	75.12194	119.4045	
CUST_50306_PI429010886	M89376	0.03747121	15	12	241251051	conserved hypothetical protein |			1.04E-08	8.66264	8.11425	8.733179	NA	NA	NA	NA	NA	4.022526	5.618063	8.869172	3.680912	14.15703	7.544076	9.581479	10.86017	6.854397	5.283117	8.683022	6.882653	5.625819	6.5874	5.235046	6.436561	6.942392	NA	9.724209	
CUST_8562_PI429010886	N23225	0.03748061	12	0						560.8143	527.9796	569.0422	333.0274	394.8687	306.8476	471.4786	370.5351	288.2433	480.5983	411.0555	432.3981	514.6065	376.0142	602.4086	464.4221	629.2438	619.5951	538.1212	446.2058	411.6604	680.8236	496.8458	496.8458	1146.806	583.3052	731.069	
CUST_6599_PI429010886	N20330	0.037483673	24	0	242011385	conserved hypothetical protein |			5.14E-37	7.392041	44.94568	20.05017	13.00116	18.87895	16.86789	7.205732	17.88814	18.7507	6.973469	11.7948	11.10715	21.3198	11.00269	12.54368	14.01288	15.23987	21.80093	16.91535	17.07639	13.28567	13.6965	15.47439	12.79263	20.68785	17.02374	28.79058	
CUST_1259_PI429010886	N9054	0.037483673	24	0						26.58916	42.08196	58.30071	20.74858	52.51146	46.36381	27.11011	23.90768	51.49597	28.13189	39.45301	27.64775	35.1059	31.99537	31.80555	24.57559	23.14149	21.31707	30.86801	26.15317	33.70651	25.38551	35.5206	30.78094	35.79767	34.23416	56.59098	
CUST_47340_PI429010886	M75689	0.037485468	18	6						6.86903	7.294395	NA	NA	5.481109	7.744767	NA	11.9832	9.565216	6.683325	9.190116	10.28796	NA	6.070219	4.95154	4.492837	4.635601	5.699934	11.2206	4.084457	13.31417	5.494001	NA	8.521029	6.992362	13.41756	7.653718	
CUST_26497_PI429010886	N54348	0.037531	12	0	154158043	Xanthobacter autotrophicus Py2	Transport	Transmembrane transport	5E-84	11.53597	13.7861	5.202657	5.768746	NA	15.56129	5.121	5.380572	4.80327	5.935469	5.338332	6.0033	5.942887	8.766471	12.00378	7.442251	15.29086	7.422436	6.387046	4.35168	3.6684	10.38168	6.137608	4.492837	NA	12.55015	NA	
CUST_40936_PI429010886	M56424	0.037531511	18	15						NA	10.4399	NA	NA	8.487659	13.03491	12.52529	3.830748	3.346551	10.52953	15.18033	9.704976	NA	4.229784	4.658067	15.65515	17.7621	13.33462	4.714407	15.63819	14.00174	10.32033	23.12326	9.801925	NA	5.355047	5.410427	
CUST_2109_PI429010886	N11599	0.037556399	24	21						18.39792	10.58169	13.41447	9.194171	19.09713	12.4383	11.51735	8.651473	11.22607	15.32337	3.251274	10.7159	10.3455	12.98896	3.760626	23.5771	9.457347	13.72176	15.36528	7.424438	18.24052	21.33315	20.76565	15.08312	16.89326	6.313054	15.4862	
CUST_38526_PI429010886	M27676	0.037568112	18	15						69.11926	150.8283	104.3299	62.05756	88.45765	91.94456	79.93916	126.6578	106.696	74.96434	93.41761	91.55686	81.80549	112.8764	100.5778	119.5301	142.7301	127.5275	97.01999	104.9226	119.4286	74.48675	88.27501	97.6745	117.9157	108.8478	118.7214	
CUST_38705_PI429010886	M20427	0.037568112	18	15						22847.77	30577.23	29949.84	12699.11	19522.5	12836.63	34286.52	38384.01	38384.01	25611.3	23739.57	17287.24	18435.82	16035.79	19960.25	36714.45	42224.23	34877.59	29736.44	27153.68	26491.1	14794.99	19434.65	19567.8	29037.53	26403.54	
CUST_39179_PI429010886	M35708	0.037568112	18	15	195117704	GI22815 [Drosophila mojavensis	Protein metabolism	Proteolysis	0.000000182	4522.071	6696.753	4548.63	2640.776	3580.711	2715.678	6201.489	5630.843	5671.62	4487.184	4490.88	3467.123	4093.741	3528.773	3516.69	9285.648	7904.25	8857.18	5329.024	5659.622	4198.712	4036.235	4008.648	4475.935	5879.268	4740.782	5462.129	
CUST_44671_PI429010886	M66627	0.037568112	18	15						2571.491	3509.087	2797.556	1781.913	2427.484	1813.66	2839.956	3664.856	2895.969	3062.683	2900.703	2368.349	1886.448	2414.182	1833.616	3549.354	4048.748	2886.102	2409.846	3408.763	2035.999	2257.369	2171.504	2326.394	2889.672	2354.096	2509.266	
CUST_51404_PI429010886	M93404	0.037568112	18	15						796.2861	761.8025	674.8039	565.0242	479.8831	534.593	675.6901	518.9718	884.3862	749.0313	482.3026	811.9435	580.31	537.3205	521.9217	1063.832	765.7762	996.7263	954.4926	629.4202	718.207	709.6774	481.0599	626.5423	862.1694	715.878	735.5518	
CUST_32186_PI429010886	M3469	0.037582405	24	15	157111554	mannosyltransferase 1, putative	Metabolic process	Carbohydrate metabolic process		1065.973	1382.183	276.3758	331.1886	185.6007	272.5621	782.9344	763.5241	680.8236	406.9392	172.2067	281.6983	379.158	343.0574	245.7379	1079.588	915.406	1171.1	736.5204	811.6064	655.6894	320.0483	798.0084	642.1289	434.8192	757.1366	455.9995	
CUST_20453_PI429010886	N43472	0.037655748	24	0	339235091	zinc finger protein [Trichinella sp			1.94E-10	16.0527	19.27271	33.15311	20.53808	NA	4.691048	10.8747	10.38168	5.426856	5.288827	NA		16.40332	6.829023	7.933892	10.00294	25.04161	4.487365	9.758637	24.90578	10.68359	16.77338	17.39282	10.24225	14.55272	23.25083	13.71572	19.54864	
CUST_1116_PI429010886	N8539	0.037661719	24	9						89.50979	111.0779	16.18394	89.09696	2120.795	1008.499	147.3274	220.6244	79.75332	55.84882	1724.425	1526.163	46.9424	1069.78	1247.204	196.2571	119.4159	112.073	100.1798	349.1007	71.67272	27.08219	105.5941	20.17254	38.38927	266.9539	15.59239	
CUST_14477_PI429010886	N32949	0.037713234	24	18						30.70425	43.88916	37.00674	27.63659	15.01185	23.67078	42.67386	38.31686	35.54384	39.18322	34.19123	28.11739	34.66846	33.37664	19.50817	52.86649	42.35625	41.62674	49.55941	44.71461	37.93177	39.74893	33.03819	36.1964	82.54419	39.05213	40.18554	
CUST_2118_PI429010886	N11622	0.037723095	12	9						21113.92	888.6241	16491.53	22526.09	20662.81	23324.95	3492.822	5456.239	5769.472	27153.68	23961.37	32064.51	24659.23	15731.96	28943.19	284.4662	155.6488	398.3951	8204.372	7203.647	6317.157	27665.22	18235.97	23961.37	6533.018	11612.18	16183.31	
CUST_2136_PI429010886	N11660	0.037723095	12	9						392.7659	124.9582	356.6056	414.7402	143.1622	260.1465	198.9717	146.8225	211.1114	658.7898	293.0253	366.157	631.8697	138.6295	300.549	159.1067	197.9667	140.4269	204.6859	115.1318	148.2715	679.5306	284.9823	633.4883	248.2232	191.4096	301.4388	
CUST_3564_PI429010886	N14763	0.037723095	12	9						18146.2	971.9693	14828.55	20020.97	19237.66	21974.84	3333.312	4852.406	4934.022	24341.41	23273.41	29647.7	21270.53	15230	28306.31	285.1454	134.3827	404.1681	6276.978	6854.464	6298.27	26987.8	17287.24	27153.68	5751.95	11528.01	16655.53	
CUST_31413_PI429010886	M1473	0.037742642	18	0	524877074	PREDICTED: long-chain fatty acic	Metabolic process	Other	1.53E-62	45.04182	100.783	73.34259	66.12834	66.42663	57.7126	61.03917	99.17293	72.06126	46.54074	55.42689	55.4869	55.09974	61.73575	65.90164	89.09696	88.5599	90.20095	89.30494	99.87189	94.92219	32.76569	72.27956	38.78785	67.9004	59.98742	50.1087	
CUST_55951_PI429010886	M112271	0.037776944	12	0	504171258	PREDICTED: zinc finger protein 5			1.32E-27	65.18818	46.15443	72.92411	49.42284	44.82733	44.51618	49.70331	41.58882	39.50565	58.57991	62.02003	60.73958	58.49428	48.88152	53.32942	46.95061	43.41187	47.51044	46.87435	37.02719	35.71776	58.93364	42.5644	42.6775	62.34647	38.66006	52.53638	
CUST_21661_PI429010886	N45611	0.037778901	24	15						29.89281	39.56727	38.62717	43.8076	52.45299	33.20239	50.96545	38.14824	66.09101	33.82054	41.93463	60.31817	44.1972	48.07163	55.44525	43.17591	61.70126	49.23192	58.85484	47.39716	48.75822	49.64751	37.27834	37.08249	41.51201	22.36702	41.99895	
CUST_49076_PI429010886	M83937	0.037811169	21	15	260783377	hypothetical protein BRAFLDRAF			5.07E-17	51.26614	38.41822	45.66597	50.95275	30.41985	29.9505	33.91249	27.83542	30.97404	49.49501	34.54981	34.77477	41.83854	21.51875	42.81475	62.79403	43.96327	59.38272	43.20383	31.84584	43.93243	35.75247	33.99416	55.44525	35.93244	44.00493	45.46233	
CUST_54974_PI429010886	M108298	0.037821325	24	9						5.967574	6.371533	NA	9.602206	3.89264	6.89852	NA	5.862152	5.747153	8.310351	9.045745	9.133693	3.182153	4.504529	7.315528	5.941854	5.470296	7.90037	5.433499	4.939673	4.080457	NA	4.728836	3.207674	7.569757	5.885641	NA	
CUST_34338_PI429010886	M93361	0.037835204	24	0						116.0037	72.20099	122.7221	56.10448	60.66586	64.13419	61.61447	54.99013	62.52685	56.37975	71.51871	63.28348	50.52783	51.46015	56.63612	88.4931	72.91519	33.69735	82.2856	59.81167	50.19453	70.28135	65.04096	53.50459	81.29518	66.73428	58.2972	
CUST_27028_PI429010886	N25204	0.037835204	21	0	386376737	hematopoietic prostaglandin D s			2.51E-58	372.2533	1547.55	1180.964	487.4115	440.1079	450.9209	465.6755	645.1212	750.6838	363.0484	875.8259	437.8715	490.4622	397.4943	433.097	322.8267	561.5074	536.9014	494.7611	1129.8145	758.9927	650.2714	675.2885	667.2339	539.0498	497.1787	509.999	
CUST_15022_PI429010886	N33879	0.037867731	21	15						61.50475	61.25771	70.60324	45.54022	40.88003	60.32347	51.5089	57.39387	48.11986	71.12138	47.47767	39.2136	93.61951	60.93307	49.38843	104.3062	51.02849	71.49082	79.05137	47.88919	55.06272	63.58392	38.48209	77.86312	54.13071	36.09076	40.2126	
CUST_44022_PI429010886	M64679	0.037871264	12	3						9.192907	15.41579	11.71113	24.08726	18.31223	13.413	15.99305	15.66801	17.27455	9.425176	11.96844	6.461841	14.41307	16.61697	8.962349	27.79864	24.52901	16.54048	29.7549	14.3566	12.20395	11.74876	22.4165	13.91758	4.78576	14.12665	17.90949	
CUST_43771_PI429010886	M63923	0.037879755	18	0						209.6366	232.0442	124.4273	159.1592	149.0714	127.3678	109.6493	196.7753	118.2448	100.3265	117.5411	130.6615	80.98106	186.0781	99.13779	169.7494	190.7683	200.48	150.4692	197.8624	164.5342	113.4005	215.601	144.7781	103.8438	222.3734	115.3398	
CUST_31328_PI429010886	M1259	0.03790452	24	18						83.51378	199.588	127.5443	99.6269	107.2833	93.34171	110.2483	139.7737	169.5621	100.0738	111.3237	114.3521	88.77171	103.7428	133.0726	122.6677	191.21	140.4108	142.5991	145.3783	186.3541	89.20331	149.8871	133.9146	138.5532	124.7151	118.6698	
CUST_35793_PI429010886	M13529	0.03790452	24	21						54.64003	52.09654	58.02727	55.46697	41.6878	47.09024	46.62193	39.80982	48.16684	61.12576	35.47011	53.56063	53.28421	37.50844	58.79368	78.10699	53.24793	66.68933	60.37856	41.90666	62.05756	50.53932	47.20876	77.98875	58.02072	63.31668	85.93897	
CUST_2540_PI429010886	N12581	0.03790452	24	3						185.6848	157.1577	132.952	161.9124	203.5144	187.5023	187.3814	152.6411	161.586	200.3302	146.8953	200.2792	183.3329	148.9308	179.241	166.5055	156.394	152.7673	105.074	138.0384	135.4989	207.7328	141.0311	187.3112	151.2383	180.8125	185.6261	
CUST_26441_PI429010886	N54249	0.03790452	24	18						41.46154	99.98511	83.6348	35.83737	47.19838	22.48894	59.90743	95.54211	64.27657	48.51397	54.63268	32.41159	58.16712	45.34342	46.87885	68.8017	73.14068	101.04847	124.4425	95.86932	162.2114	48.78475	32.28165	40.46451	116.9098	68.75665	115.1501	
CUST_1516_PI429010886	N9905	0.03790452	24	21						185.4966	111.793	170.8814	139.0141	126.1702	143.3867	91.6593	85.23471	106.9674	144.6342	108.3275	130.702	144.4561	91.08467	129.3215	180.8452	101.522	157.7159	174.4041	96.47869	142.1072	234.6915	123.6928	195.7481	255.571	133.2506	286.6983	
CUST_57294_PI429010886	E4529	0.03792734	12	6	270161182	i-type lysozyme-like protein 1 [P	Metabolic process	Carbohydrate metabolic process	3.99E-16	4.034744	NA	NA	48.29273	NA	43.64769	358.0959	NA	287.5765	68.84252	43.73952	NA	13.8625	75.68836	14.83547	97.82425	NA	96.74886	948.407	1126.574	2747.205	173.259	NA	145.8127	565.424	56.30361	462.9596	
CUST_27288_PI429010886	N55786	0.037937647	21	3						11.95878	8.218417	8.131518	9.63872	11.18301	10.74743	9.58783	9.260771	NA	7.224793	6.679536	NA	13.17479	5.258405	NA	4.525129	5.42419	9.834143	9.578088	9.127031	4.655931	7.613359	9.671582	8.020864	13.9412	8.515524	12.45014	
CUST_13498_PI429010886	N31290	0.037944509	21	18	242003130	WD-repeat protein, putative [Pe			7.39E-28	15.96647	43.39176	32.75774	28.2205	26.72462	22.5758	31.95397	34.91434	33.47158	39.52957	36.68361	34.73799	28.96764	25.7341	34.03238	33.58881	30.71702	36.25072	37.52618	33.3337	40.82537	35.94651	24.88093	31.08176	26.03631	30.09371	25.80525	
CUST_593_PI429010886	N6267	0.037944509	18	3						13.88039	18.84141	20.18225	14.38642	22.74435	11.80717	9.491244	17.96765	22.26642	10.98749	19.54864	11.70064	6.700321	16.27834	14.64685	15.64904	8.958066	9.94845	12.43008	18.82499	11.43477	21.92273	23.51553	30.14806	9.977091	10.84443	11.2226	
CUST_42593_PI429010886	M60667	0.037954815	18	9						36.49381	43.76293	24.18195	65.28656	134.7418	46.44259	35.33106	131.568	144.1169	NA	1454.668	38.97889	126.9491	122.1215	117.0265	28.00878	28.70626	12.03632	83.75475	41.12871	61.63075	111.4394	52.07351	60.75955	105.4902	38	67.40377	
CUST_32380_PI429010886	M3971	0.037961738	24	3						176.3429	132.2682	204.6434	228.163	506.9058	687.2962	62.03291	391.1906	35.62662	44.89831	224.7721	117.0136	49.10462	48.22814	86.76212	23.5934	105.8148	70.63954	8.191256	439.1006	3.835529	49.21384	104.2696	48.3568	21.76828	875.0518	NA	
CUST_43589_PI429010886	M63195	0.037964329	12	0	321470773	hypothetical protein DAPPUDRA			1.53E-15	15.07148	19.01286

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_48271_PI429010886	M79606	0.038606806	21	0						351.343	372.873	380.83	334.5944	249.2986	312.3683	319.9838	270.8525	302.2155	299.7411	254.9746	292.7676	301.2002	254.4938	337.1412	448.5869	310.5741	379.7764	320.8212	270.2277	398.2132	361.2613	277.5468	375.9296	338.5986	294.9139	387.4512
CUST_55933_PI429010886	M112197	0.038617655	21	0						35.88985	38.99638	43.70538	44.06952	31.68332	23.72726	26.38647	26.6468	23.91812	45.96577	33.63811	26.99645	33.5564	29.11025	23.57211	29.78433	35.38316	34.45309	28.24828	33.41645	28.97384	38.27077	32.86278	33.14322	32.50967	31.99537	32.35564
CUST_33674_PI429010886	M7570	0.038618125	18	3						36.80764	29.68907	32.51998	30.30695	42.07458	26.62997	34.7069	26.33431	20.64485	14.57376	22.79379	27.50655	24.37029	36.23648	28.6389	23.45947	21.22876	27.01424	23.83774	31.11041	38.92511	32.72715	38.45427	27.72385	19.97369	22.71218	25.123
CUST_4123_PI429010886	N16063	0.038643837	24	21						33.37054	48.66253	35.95938	32.74766	30.10754	26.69946	20.67357	37.9964	41.59303	30.445	40.55768	20.66527	36.32916	48.64263	28.81419	51.62622	62.47784	43.13936	34.71797	59.35684	33.09557	51.81869	45.54022	47.55101	62.35954	40.18248	46.5095
CUST_55540_PI429010886	M110593	0.038655477	12	6						13.57202	10.73905	16.71379	18.63493	10.67466	18.29235	160.5413	15.89978	152.8269	29.29243	30.91451	11.44051	24.90578	16.20192	15.11599	19.71996	16.75714	17.80399	211.3776	239.7523	395.4956	39.12428	20.90638	40.83819	63.49903	15.64595	37.85657
CUST_42935_PI429010886	M66664	0.038655477	12	0						78.61195	62.1017	69.90555	56.03078	60.65305	51.93257	38.53227	48.42501	54.23194	86.52356	61.87143	65.36387	61.28823	64.89736	60.80606	75.054	51.5265	49.72483	60.0126	54.39842	65.45292	63.47982	47.46968	58.20456	77.66076	62.83512	86.22741
CUST_43989_PI429010886	M64575	0.038655477	12	0						164.5889	139.3563	158.518	115.2014	144.7386	94.03123	90.53932	108.4356	131.2891	104.2696	142.345	153.5202	151.4448	127.7013	178.7203	144.3231	174.3407	150.9062	107.6151	143.144	117.1888	171.2412	137.1425	167.1713	181.4867	118.3923	205.1648
CUST_35339_PI429010886	M12315	0.038700317	18	0						21.52625	20.23797	19.75521	4.868818	15.89978	15.26314	16.45406	4.239915	11.57295	15.07353	NA		8.1939	17.72529	8.927508	5.811668	3.635794	15.28035	5.244271	13.90922	19.13355	18.94604	19.46038	11.80584	4.287172	10.93144	6.794495	9.488162
CUST_31393_PI429010886	M1423	0.038735329	21	3						223.7206	203.919	216.9998	291.0948	215.1114	215.6541	307.6702	208.0709	171.3909	204.5091	170.5634	118.3236	159.8538	153.6889	29.19296	198.4672	247.374	134.6822	307.9283	154.9422	53.72417	326.9292	22.89867	103.4897	371.9503	279.9809	172.9954
CUST_9600_PI429010886	N24902	0.03875966	15	12						107.7409	158.224	244.537	287.1316	327.8924	226.6091	67.43392	95.78807	76.12107	134.9139	119.7443	109.5487	121.0114	178.3834	222.1435	130.1528	101.1304	109.0546	75.2089	54.56309	78.59166	58.37071	77.93692	61.85717	38.18197	77.73937	45.42698
CUST_12700_PI429010886	N29896	0.038785549	24	21	62126070	C-type lectin protein [Fennerope			0.000000219	101.0057	117.8598	117.5411	98.86808	112.3711	82.21745	37.45153	108.374	59.24756	69.02489	110.775	96.87922	102.3466	84.83411	124.1127	54.67791	133.8983	114.9651	94.87741	131.7124	125.7244	103.7569	167.2859	111.6419	117.6125	192.1667	208.7171
CUST_1420_PI429010886	N9574	0.038799079	24	3						221.1981	NA	219.7679	214.7361	177.3292	207.4056	NA	NA	NA	90.88256	199.0615	175.4589	122.0709	148.7876	233.412	NA	NA	NA	4.442916	8.163753	4.107584	70.94231	52.10827	84.34054	18.14584	29.07923	32.66605
CUST_55774_PI429010886	M111652	0.038815797	21	0						99.67801	100.59	137.1887	58.31116	81.27612	70.20407	92.61293	110.822	104.7345	90.37428	95.44831	79.64838	73.73506	75.83949	70.48033	74.57856	93.00549	65.51653	118.0597	80.13048	105.9898	106.6432	100.7491	93.96854	112.3276	76.35805	93.33147
CUST_39550_PI429010886	M41142	0.038817882	24	18						2323.856	4487.184	2672.714	2915.434	1143.279	1361.853	5215.78	5032.372	4694.435	2873.993	2948.008	2198.578	3914.879	2195.531	2258.648	4130.841	6333.445	5166.879	4020.487	5258.496	6276.978	3658.191	6421.864	6094.281	3629.795	4358.067	5496.275
CUST_40027_PI429010886	M48824	0.038817882	24	18						4372.597	10699.09	7260.089	5799.539	2886.102	1200.042	11112.95	10209.43	11836.96	9727.143	3227.68	3907.106	6421.864	3699.413	2033.334	9194.226	12255.54	11881.91	12378.85	10605.81	12255.54	6873.81	6041.324	6179.344	10193.49	6051.213	8175.098
CUST_41461_PI429010886	M57788	0.038817882	24	18						553.413	283.749	719.0646	849.2679	397.9279	134.703	818.7919	465.2004	1185.739	1112.302	506.2756	615.2672	1873.347	762.1289	583.0039	505.6819	349.6849	706.2599	2181.465	3495.947	4445.119	1531.626	2472.65	2849.078	1011.588	1285.646	2516.066
CUST_52415_PI429010886	M97366	0.038817882	24	6						263.7574	297.188	39.96323	124.1913	596.1129	557.6299	278.4811	327.8085	361.7315	75.56156	223.6663	164.2684	78.68427	221.6521	147.8297	209.0675	116.2897	76.55656	118.928	232.9982	96.27921	54.00791	212.8318	34.90937	94.85229	287.8256	35.45282
CUST_12071_PI429010886	N28885	0.038817882	24	21						17.4076	13.32474	14.00576	5.998488	33.86827	14.67376	9.861577	3.841306	8.684295	27.43571	12.3595	29.01519	12.27699	10.4031	4.252896	12.17359	7.775489	11.94299	39.63021	11.94299	15.21327	29.49099	27.22363	33.762	9.395974	14.6246	16.6949
CUST_29660_PI429010886	N60310	0.038817882	24	21						118.9453	127.0776	125.0424	128.1605	97.06787	95.20029	104.0803	97.60846	111.6045	116.0759	98.83232	156.9414	121.8066	120.5852	112.7746	134.0408	125.679	122.4755	137.4877	98.67888	125.025	141.3156	121.7787	161.2869	169.1253	103.9956	163.1045
CUST_39241_PI429010886	M36623	0.038824035	24	18						5.978199	72.29255	73.57016	153.9248	9.935802	149.8334	1758.225	6.632628	1373.039	231.289	158.0057	13.5167	76.30002	176.4986	61.79558	310.2931	NA	263.6527	1367.344	4499.92	7439.177	390.3118	82.65009	425.7716	957.7854	160.6934	713.6664
CUST_361_PI429010886	N4431	0.038830444	24	3						699.596	164.2345	440.6377	1426.211	925.4144	1043.605	174.857	1885.037	143.9979	75.50995	29.08241	121.9689	85.91672	760.601	143.6704	146.4834	97.84796	48.61045	41.14942	144.8055	48.09966	201.0938	24.368	144.4115	29.65224	27.40129	6.597671
CUST_25794_PI429010886	N53072	0.038830568	18	0						NA	15.16316	10.46343	NA	9.655344	6.451204	NA	NA	12.8289	8.71517	12.63858	3.429269	3.183362	4.846566	NA	4.273921	9.309902	4.214527	16.72797	10.93505	13.72472	4.996074	3.785842	NA	9.850773	4.459243	5.273766
CUST_53506_PI429010886	M102018	0.038845291	21	3	210062959	C-type lectin 6 [Fenneropenaeus			1.56E-17	32.62695	24.18434	11.05984	22.19592	55.52583	98.7449	27.69944	39.67832	18.17164	13.74025	161.7147	116.7048	12.64646	34.45662	24.93287	NA	13.47951	NA	7.041787	32.73765	4.323502	21.96708	11.27508	14.18326	NA	70.01129	NA
CUST_17888_PI429010886	N38773	0.03884655	21	0						58.86475	123.6928	129.3499	67.12887	89.59602	86.60076	67.13611	93.44995	74.10459	71.56582	74.12935	56.65028	59.05616	80.3791	60.65305	99.30177	93.67836	92.12733	81.57806	86.73529	67.55887	77.14782	95.21224	102.3686	75.52401	89.10635	90.47296
CUST_14191_PI429010886	N32460	0.03884822	15	9						6.652007	3.301271	3.746204	5.910876	NA	NA	7.834835	3.001117	7.16974	18.34767	NA	NA	4.892286	12.51986	3.087833	5.87825	3.702642	5.975334	7.157572	4.993134	7.560056	8.689291	7.773983	13.04021	15.88592	4.758462	9.476005
CUST_37203_PI429010886	M18174	0.038890642	24	15						59.21121	159.3374	57.03545	51.08768	57.27204	41.6172	54.26213	62.41331	48.32944	68.17964	46.91713	43.21882	57.06949	54.05215	55.11762	75.67783	83.7199	60.58102	61.89891	63.55637	65.2491	39.67383	82.61597	57.29374	59.96133	57.7126	61.295
CUST_30023_PI429010886	N61025	0.038920405	21	6						75.48453	63.49903	75.07482	72.68883	79.40591	81.71011	89.84164	61.80424	93.53318	72.94835	80.06182	79.47605	81.75855	59.06511	59.01526	103.657	61.62446	71.43072	73.3346	59.07254	51.67361	61.07006	34.02124	71.18104	93.56602	79.10279	102.7615
CUST_36573_PI429010886	M16262	0.038925126	21	15	295639972	chitinase 2 [Penaeus monodon]	Metabolic process	Carbohydrate metabolic process	1.17E-39	127.9261	195.2973	93.02834	215.0483	41.39951	189.2095	342.6821	199.0318	177.9078	337.1412	126.0374	161.9945	254.7629	144.3231	208.1829	486.7832	339.4175	268.5317	226.1282	69.64615	173.6723	126.3449	150.4692	139.3753	258.1565	152.3049	84.09371
CUST_4454_PI429010886	N16791	0.038932027	15	6						32.23946	46.35836	19.74619	44.90938	29.39693	29.83087	49.84168	23.67523	28.37038	51.1596	24.18738	47.55964	26.98424	22.21596	24.53447	26.07855	19.46587	43.46921	41.70713	35.97078	49.68059	50.07687	48.35178	71.28516	47.78312	43.91443	27.36342
CUST_28322_PI429010886	N57723	0.038971292	15	9						141.0115	15.85928	162.2564	39.18663	142.749	114.9362	19.83069	26.76018	17.29812	334.719	251.4577	222.505	41.66058	119.9092	17.69464	33.57662	20.9266	24.02712	36.73202	7.256866	13.00979	107.6336	85.7431	23.87984	284.4024	204.2969	38.21742
CUST_25517_PI429010886	N52558	0.038975472	15	12						8.296655	4.217699	8.913392	3.951486	13.12953	6.318579	11.97474	7.21144	4.486081	16.60032	8.954353	11.10041	21.69652	11.97145	NA	5.481109	4.166267	7.036384	3.589832	6.947668	4.371208	10.70051	8.763975	8.719502	8.576647	8.646207	6.795326
CUST_37780_PI429010886	M21539	0.03900911	12	3						2152.198	3647.267	384.1573	1678.527	2176.241	3688.899	3232.565	7807.75	2180.402	799.3476	583.1603	452.5351	850.4847	2096.347	821.966	5476.032	3879.479	3415.242	980.3183	6710.162	899.9958	569.0422	2893.96	435.0369	747.3198	11289.6	198.84
CUST_51150_PI429010886	M92373	0.03900911	12	9						18.96877	70.43485	66.89231	35.2239	33.50165	19.70331	58.33297	48.15075	49.41341	58.04431	86.956	27.31402	51.07097	20.67603	36.5903	10.62629	67.63991	44.71461	37.14266	32.66605	41.86801	76.16835	82.72734	91.02149	37.45738	40.90141	65.21497
CUST_21167_PI429010886	N44754	0.03900911	12	3						31.04302	21.4181	25.87711	29.74537	27.84822	31.2936	32.39759	21.04513	29.09733	27.4271	26.54949	28.39888	26.76018	25.08449	31.30624	48.09451	31.80823	35.3444	31.32937	22.81773	27.22159	17.90158	19.31126	27.02166	33.30723	26.56674	26.25902
CUST_43468_PI429010886	M63137	0.03902961	24	0						39.57146	37.15611	50.71375	45.5838	127.0236	127.7453	52.2471	40.45487	63.87134	50.88233	78.66288	63.23529	39.17961	58.04057	65.10135	44.28707	26.32034	39.53957	66.48173	36.39662	34.28937	36.8754	46.19058	50.27602	29.56117	61.23583	
CUST_33470_PI429010886	M6970	0.03902961	21	15						207.5504	321.5516	199.6163	193.0588	250.9574	239.4431	233.9614	246.5228	253.2927	180.6161	250.3956	128.0075	201.155	280.5879	315.5362	323.6649	302.7771	276.3758	259.8835	279.0664	298.6917	210.3322	287.1877	238.4366	249.928	263.8276	243.8613
CUST_3472_PI429010886	N14571	0.039036608	24	15	345497186	PREDICTED: serine/threonine-pr			4.71E-48	14.96903	14.85649	15.94747	13.87312	15.7393	18.09026	19.51476	14.01914	19.65914	24.81147	11.37517	NA	24.65307	16.11644	21.29142	23.95909	22.16019	23.96992	21.44037	11.75064	20.37081	19.45602	19.93149	20.55824	24.23053	14.69726	16.08274
CUST_52280_PI429010886	M96945	0.039040809	18	6						6.409298	10.15557	22.90061	22.79631	3.840437	13.58986	14.15358	14.00796	20.23623	8.64742	18.04733	16.96246	32.8057	10.94364	7.310973	12.939	11.53833	13.52139	7.980627	4.133184	6.483685	14.52179	9.403009	12.2785	16.38187	22.71026	13.73539
CUST_35111_PI429010886	M11616	0.039040979	18	0						28.2959	22.57324	38.20339	23.79328	29.65588	20.41366	14.22807	23.5426	18.70643	19.55278	23.10443	15.94932	14.57956	15.92717	22.04202	21.60932	29.46646	28.94386	25.27502	22.248	24.48777	17.7116	23.70162	25.39744	21.69414	22.8273	26.84286
CUST_24953_PI429010886	N51532	0.039048092	24	15						4.148243	4.913749	8.852359	4.365262	NA	4.319332	NA	5.797914	4.82358	14.57201	5.661376	4.904795	7.862835	6.220734	6.50104	11.66134	6.591206	9.992623	7.478329	4.697614	6.653114	10.71711	13.98312	4.70891	3.344169	NA	7.830046
CUST_43876_PI429010886	M64221	0.039053282	24	0						38.46589	15.24354	14.45383	9.203866	9.959247	17.47501	17.73313	8.936436	11.65578	10.15066	5.951493	14.30523	8.380003	11.0388	7.791167	6.449511	14.00023	12.80411	8.060296	8.150003	7.525743	18.26962	9.284798	16.53724	19.63427	8.875287	16.99603
CUST_38031_PI429010886	M22927	0.039094744	12	6						105.3536	101.522	96.71855	119.1014	106.1184	105.7899	133.5304	173.6445	210.955	186.0269	84.76892	117.2299	125.7784	77.808	106.4149	161.2169	158.418	165.8233	145.7532	110.7598	173.7269	137.8653	120.9166	161.6064	116.2155	102.8924	180.4963
CUST_3028_PI429010886	N13631	0.039094744	12	0	242012059	protein singed wings 2 precurso			5.28E-10	185.3397	8.320354	213.152	113.187	69.79048	112.073	5.379272	3.952059	4.626282	87.63468	65.73258	142.3304	28.02603	100.3016	136.9272	6.490355	9.201788	5.409442	7.076886	9.590111	8.327384	71.62515	15.05439	65.86788	20.20874	11.05247	19.89174
CUST_31893_PI429010886	M2681	0.039096185	24	0	308220078	LIM class homeobox transcriptio			4.52E-08	30.55784	26.19863	28.551	27.7211	24.42528	19.70046	9.126089	22.61153	13.35744	14.85649	26.41747	33.10297	13.30176	24.25396	24.84769	23.87984	18.71959	30.68789	22.70713	20.82118	19.4056	30.11046	25.73695	27.17503	47.65044	26.30097	45.91877
CUST_31139_PI429010886	M806	0.03911232	24	3						114.8223	15.02762	146.2442	78.99466	331.9974	271.7261	21.36108	37.42766	12.18449	6.925201	243.543	132.8203	8.49758	182.8746	146.5222	18.42193	13.77125	8.231507	13.07681	28.16647	8.165142	4.196054	37.96148	8.872903	NA		46.20239	NA
CUST_21839_PI429010886	N45954	0.039124163	21	18						33.08424	29.29243	39.22128	25.07913	10.11056	26.51577	19.76869	27.57162	30.67349	27.37201	14.1084	18.61955	18.96294	9.816687	27.81464	27.17222	10.01527	34.66072	58.70057	24.95555	48.90035	31.71101	22.97146	43.93928	37.89317	13.50346	40.59456
CUST_28661_PI429010886	N58379	0.039134444	21	15						138.824	165.0873	109.8243	128.1317	115.0832	117.5547	118.1715	144.035	119.2957	139.9464	131.771	121.2679	135.4351	135.3294	126.5609	156.8946	209.2118	152.7399	102.2993	162.0267	111.5466	143.9807	157.5632	108.4189	94.15594	151.5412	89.69199
CUST_5693_PI429010886	N19055	0.0391402	24	18	260827298	hypothetical protein BRAFLDRAFT	Response to stress	Defence response	1.28E-15	218.0311	410.4537	370.4445	281.628	234.9525	189.4144	284.6216	325.6483	378.1731	278.1702	229.8852	221.5335	312.623	297.9948	274.1568	272.0128	315.6063	379.4005	361.4833	379.4005	413.108	307.9283	370.7223	329.8464	382.4457	318.3284	537.8527
CUST_15291_PI429010886	N34337	0.039160129	15	3						32.44579	28.50902	16.91133	39.0719	47.13519	65.04377	31.59758	31.26513	26.03303	5.247423	18.11402	21.80093	7.677339	36.79436	23.8475	35.30558	15.14706	15.20248	25.74471	30.96768	25.69105	5.47375	29.94161	7.966091	4.086619	27.01915	NA
CUST_39303_PI429010886	M37476	0.03921279	24	12						591.786	689.88	1201.71	1393.878	4616.026	1435.616	1895.668	792.4227	1509.047	1199.116	1998.783	1598.489	1882.752	1130.05	9466.456	344.3047	1366.714	268.0924	1775.368	816.314	453.1048	1741.604	985.8154	439.2301	1596.439	597.7182	285.3818
CUST_7005_PI429010886	N20906	0.039213043	15	3		Metabolic process	Generation of precursor metabolites ar			267.8215	299.4173	275.6746	229.4464	340.3327	297.3019	245.1008	345.4356	321.6405	184.1477	270.9307	191.4096	224.3337	273.0815	265.2779	299.4177	402.3519	317.2444	328.2183	551.1568	317.4305	226.2405	291.4248	159.7229	259.9818	116.9378	256.0919
CUST_15848_PI429010886	N35213	0.039213043	24	0	543581058	peropsin [Cupiennius salei]	Signal transduction	Other	9.43E-18	68.01088	90.8123	114.3676	70.44138	78.12052	54.18142	52.10827	75.09386	63.61175	71.7184	81.6931	106.506	62.11363	63.73816	47.33949	107.0097	67.60092	58.37071	54.57848	60.30614	58.40049	56.26482	45.67221	64.23608	89.00153	49.26466	43.53661
CUST_56783_PI429010886	M114647	0.039235095	24	18						2144.939	2437.73	2354.096	1974.35	1554.179	1666.955	2543.39	1874.483	2547.238	2418.009	1625.527	1867.24	2329.582	1474.205	1964.046	3127.267	2512.997	2849.078	3142.5	1993.835	3161.765	2765.552	2150.693	2676.834	2978.418	2006.118	3286.945
CUST_53664_PI429010886	M102686	0.0392557	21	3						22.87902	13.04927	15.11126	31.62093	39.15453	33.87486	9.657459	12.15592	14.41307	19.91817	20.60087	33.43626	33.7495	10.16942	18.89832	21.07756	14.56816	15.15744	27.06969	24.74687	26.64465	30.85737	21.41224	34.40524	37.86516	25.17263	44.76312
CUST_16047_PI429010886	N35561	0.039263003	12	0	4894766	phospholipid phospholipase C b	Signal transduction	Intracellular signal transduction	1.15E-39	199.1806	179.2719	226.5403	194.9048	144.9793	167.2311	97.71482	129.7968	120.8275	186.3541	135.9219	199.2769	215.8263	125.9747	196.3246	144.8664	166.0466	155.6261	198.4091	153.9962	129.8849	282.7416	183.1326	181.6944	268.2532	153.1648	230.5374
CUST_56811_PI429010886	M114698	0.039271586	24	15						1634.309	2013.288	1740.73	1484.484	1057.154	1272.378	1665.146	1388.826	1870.445	1794.235	1155.365	1548.998	1655.603	1174.279	1364.845	2408.139	1921.473	2174.954	2221.308	1594.801	1989.721	2104.842	1651.623	1846.233	2191.923	1642.989	2060.105
CUST_31316_PI429010886	M1220	0.039274563	24	18	291234171	PREDICTED: methylenetetrahydr	Metabolic process	Other		63.84124	180.5627	96.82856	62.08412	122.4178	81.39312	145.9895	142.7074	187.1657	103.2365	132.9149	119.8892	123.0024	184.7058	117.8448	125.8771	185.5286	160.9993	155.2317	167.708	189.6492	121.1272	115.9325	132.6815	127.1435	126.4187	132.2008
CUST_39262_PI429010886	M36885	0.039274563	24	18	321466121	hypothetical protein DAPPUDRA			1.23E-09	13419.52	34173.92	25555.67	21398.95	9096.626	4311.402	33749.71	36724.45	43090.8	27918.92	12043.33	16520.01	26891.88	16106.84	8451.427	34286.52	43456.54	44285.99	46458.58	34620.42	52429.1	23231.4	22711.46	20563.31	29949.84	25247.34	35157.95
CUST_51339_PI429010886	M93147	0.039274563	24	21						188.7958	271.5356	214.4299	249.4346	209.1753	220.3669	182.4721	234.1016	217.1972	192.3094	287.7668	211.2708	253.2927	241.54	235.0886	212.8318	386.3361	279.9265	255.3925	247.7035	220.5131	287.4579	275.9079	260.2442	269.4056	273.8482	226.4187
CUST_3774_PI429010886	N15239	0.039274563	24	21						135.6848	133.2218	136.0065	114.9233	135.5781	94.27306	136.6555	99.69334	88.60558	151.5229	87.84235	155.9594	142.7777	108.9271	130.7693	155.3994	115.8791	154.757	163.9403	124.5691	150.0907	160.9993	135.8408	166.4755	157.5632	117.8719	183.2542
CUST_10159_PI429010886	N25790	0.039274563	24	21						130.2882	115.1679	135.5353	163.6909	99.2507	130.6824	98.04747	89.99586	104.5179	139.1998	102.5682	118.4901	168.2866	72.74057	128.8601	158.9852	133.5862	155.3994	157.7362	104.6784	143.9979	186.6281	124.8368	145.6336	180.4963	116.1509	140.5662
CUST_24862_PI429010886	N51380	0.039274563	24	21	270012867	hypothetical protein TcasGA2_T			0.000000201	104.2317	75.06278	86.62987	77.37879	76.57491	96.66958	68.92908	64.27657	79.08754	87.48976	71.23242	107.8619	93.95635	74.17237	110.2733	139.0252	52.8068	103.106	111.9491	82.62828	109.2995	122.604	79.82778	127.3506	116.3818	66.27041	119.7313
CUST_31563_PI429010886	M1844	0.03936251	21	15	242021017	conserved hypothetical protein	Nucleic acid metabolism	Regulation of gene expression	1.74E-52	43.88384	69.71083	52.11743	32.28459	47.90004	39.55139	41.43387	64.40257	43.07048	47.68118	46.17834	63.04493	61.67659	46.36381	58.24276	49.25556	66.66302	63.87749	39.72867	54.23194	56.82231	43.31181	50.55101	56.49639	40.72568	45.72512	57.69269
CUST_54930_PI429010886	M108194	0.039371899	24	3						212.0165	5.740467	219.4592	258.4078	258.8836	277.0946	NA	7.648589	7.035061	236.6856	220.2503	179.2149	46.53342	245.783	112.2102	NA	10.19442	8.229517	NA	12.12705	4.732358	106.7298	39.49333	43.00754	8.176241	33.12802	20.19023
CUST_17004_PI429010886	N37214	0.039437222	24	3	242009148	Alkaline phosphatase, tissue-nor	Metabolic process	Lipid metabolic process	3.27E-26	9.749549	9.917631	23.43732	17.89355	146.093	36.15638	NA	10.62571	8.94045	NA	39.44924	25.77691	13.65208	23.1348	19.77172	4.200134	9.824108	5.541535	NA	14.49503	7.296174	12.24986	NA	14.37528	8.163753	14.30676	11.98023	
CUST_37381_PI429010886	M18842	0.039437781	12	3	91082037	PREDICTED: similar to AGAP004	Metabolic process	Other	5.53E-151	811.3473	1281.397	856.9537	774.7662	1026.123	905.0625	884.7471	1218.815	1130.351	769.305	890.9879	791.3056	764.2764	980.3183	767.3697	1286.883	1349.624	1327.748	971.1067	963.1582	941.7984	761.0743	942.2704	845.5682	991.5499	976.531	916.1745
CUST_32158_PI429010886	M3389	0.039437781	12	3						48.69222	57.07257	20.04202	58.96212	44.9217	61.86512	45.45721	85.01861	43.26221	53.51076	40.88003	37.08608	41.55059	45.78026	43.95236	15.56286	68.22331	67.28477	46.57229	22.90347	41.31713	38.35003	19.07687	33.98024		

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_28211_PI429010886	N57517	0.039982066	21	18						106.7298	NA	117.123	30.69119	NA	22.25011	12.65302	45.32861	35.66495	12.76907	NA	9.212546	186.9009	42.05307	87.31684	8.352666	18.82073	16.63419	76.34956	121.9377	152.6181	69.88293	4.088808	45.21325	84.95059	47.41757	38.70148
CUST_37575_PI429010886	M19560	0.039991012	24	15		3907619 Penaeus monodon actin 1 (act1)				8E-135	2685.938	3617.55	3007.18	3208.57	2208.268	2420.859	3056.068	4319.299	2771.365	2992.811	2913.515	2041.036	2666.243	3532.198	1946.675	4919.057	7048.129	7100.104	4041.944	5456.239	6873.81	2245.768	2865.238	2302.573	4814.394	3339.651	2154.965
CUST_54611_PI429010886	M105649	0.063999512	24	15							320.1075	342.8804	200.7824	67.61402	89.58853	47.3524	68.55444	143.9614	148.0265	72.38862	144.9984	38.72274	102.5682	86.27418	82.52242	131.1766	151.2854	144.2876	177.6455	140.7023	106.3228	112.2407	108.7083	111.6232	125.4804	106.9803
CUST_33100_PI429010886	M5970	0.039994512	24	3							73.50137	42.4997	53.52013	111.5206	135.2743	111.2105	46.24985	42.93375	34.92175	52.15678	95.21224	158.9628	62.54833	231.626	265.6845	41.15339	27.87953	30.66224	47.73425	34.74153	45.13269	45.39446	38.59195	40.72568	46.69699	35.11692	59.07967
CUST_6155_PI429010886	N19698	0.039994512	24	15							772.7965	1253.748	1069.78	873.5747	827.5626	750.0607	1102.848	1155.769	1445.709	860.0989	760.7688	805.8552	1056.763	826.4146	798.8065	1228.382	1420.017	1401.718	1182.042	1099.075	1283.49	889.0282	1147.195	1093.204	1023.228	985.0577	1291.739
CUST_5954_PI429010886	N19422	0.040017633	15	12	546683786	hypothetical protein D910_1082	Proteolysis		2.88E-154	11.17615	9.628869	NA		3.318513	8.570607	9.474646	12.78321	9.203866	12.40192	3.779118	NA		6.759425	20.29057	25.65359	9.351659	11.86651	10.71149	7.629488	3.410049	8.282821	NA		16.87212	9.404259	NA		11.7093	39.67832
CUST_31507_PI429010886	M1687	0.040063177	21	3							392.3777	482.3026	NA		14.80962	709.0094	666.3032	470.9814	1432.914	491.802	NA	92.42138	93.47058	NA	102.6861	8.853913	31.44182	18.10043	4.187833	7.003523	1896.629	4.475565	NA		423.6	3.775078	NA		2065.743	NA
CUST_19721_PI429010886	N42068	0.040070041	24	0							58.18757	44.05907	53.23278	56.22476	42.83292	39.61493	53.88747	42.2303	15.72392	33.89397	24.4795	36.17758	47.67532	37.8531	41.54672	56.23453	53.76136	56.78277	45.96012	21.93896	45.12167	53.76136	42.52944	60.14723	63.94916	36.34085	64.62434
CUST_17197_PI429010886	N37552	0.04007509	21	15							83.83975	89.59602	60.40971	94.11531	107.7215	109.0197	109.9768	75.04432	103.6896	94.11002	93.35268	89.74912	97.66082	99.82243	106.8499	131.9455	83.03055	125.5586	106.3076	78.5366	107.6017	92.31393	49.50741	68.59824	85.31441	94.31617	59.79025
CUST_37828_PI429010886	M21789	0.040086605	21	15	260207877	60S ribosomal protein L38 [Tityu	Protein metabolism	Ribosome biogenesis	1.73E-27	29122.17	28743.72	26567.15	19434.65	17692.35	18026.32	26129.84	24199.32	25130.01	24136.69	13419.52	21881.51	20020.97	22279.42	21922.49	31345.61	29843.45	31967.8	16221.54	28658.52	26740.38	20822.29	25188.43	24909.79	26567.15	28120.27	27073.29
CUST_8750_PI429010886	N23524	0.040090752	24	12							101.3081	114.3003	143.5591	130.752	125.0613	111.539	105.0475	96.64158	104.1434	117.0564	136.103	114.9233	162.6193	123.5107	137.396	85.95066	218.8639	95.88853	96.33044	98.53709	114.6133	81.86695	112.4891	91.80105	84.6671	98.19279	103.0089
CUST_40524_PI429010886	N55362	0.040092767	15	3							731.8145	340.7848	409.6823	947.6406	45.63539	732.0587	1327.159	925.4144	626.9839	552.7385	339.4771	17.28589	783.6564	574.0759	260.9827	1006.869	1050.367	1555.177	1144.859	1174.279	1080.903	482.8348	126.0246	338.0427	499.8092	71.89808	424.3124
CUST_1641_PI429010886	N10312	0.040095522	18	15	255739745	alpha2 macroglobulin isoform 2			6.26E-123	77.59604	99.69334	61.67659	73.61793	35.24152	78.74455	96.84289	71.78767	56.24032	120.9827	60.63273	67.82594	99.82243	66.63719	77.18489	137.0045	150.1608	126.7369	87.10926	47.14137	70.69946	57.62248	78.81902	60.29296	76.59647	81.02819	47.13
CUST_48350_PI429010886	M79956	0.040105052	21	0							19.3323	16.76354	18.3768	27.84822	15.97824	11.14899	12.47813	14.84471	13.77125	15.44438	6.741612	14.21628	15.56376	NA		11.66289	12.51386	15.08699	10.47068	16.00795	9.324284	12.47302	20.53256	20.07184	14.03518	11.42315	14.95486	15.01767
CUST_1791_PI429010886	N10715	0.040147449	18	0							1180.964	1187.041	NA		844.1613	5.4561	760.7688	1241.315	1323.872	1038.012	128.6789	87.20964	83.38925	211.185	1470.023	182.4871	1931.709	588.9309	747.3198	3212.539	284.1966	2973.957	NA		2352.61	NA		82.53807	464.055	4.742114
CUST_54384_PI429010886	M105821	0.040167336	15	12							15.18033	5.254057	9.779895	5.321644	12.81384	12.60565	8.844931	7.44773	12.10629	10.69163	13.86699	18.32623	17.81893	36.78126	17.65558	6.493961	13.38505	15.20809	10.87054	33.44269	11.98443	7.692332	10.21185	10.91685	7.592519	12.72466	20.3622
CUST_11704_PI429010886	N28269	0.040169447	24	15	241175404	OTU domain-containing protein,			6.04E-16	42.53392	45.63101	44.88978	38.25388	30.7358	42.5735	42.79442	49.30833	35.95938	40.04635	38.06125	48.87698	48.65167	47.51044	40.47381	54.76807	39.30254	58.58735	54.344	36.45493	49.80184	51.84875	55.79643	53.75479	49.75986	41.02697	44.52658	
CUST_24030_PI429010886	N49900	0.040169826	15	6	110815832	zinc finger protein 80 [Mus musc			9.76E-27	6.588475	14.95298	12.44897	12.55344	14.2733	3.903161	18.61143	18.40249	15.16953	8.085249	8.488981	7.780482	9.542112	16.33804	11.3284	5.478147	9.58783	8.454103	6.686074	5.401743	13.06086	17.82488	22.1072	14.80606	11.80584	13.58834	
CUST_37208_PI429010886	M18429	0.040187925	24	18							29.30711	23.09193	29.3005	22.5581	23.39604	28.29271	31.79774	22.15002	32.88915	30.45708	29.35282	42.12383	32.45355	25.80839	25.47189	49.26677	7.5939	37.93869	54.47023	30.8995	39.5247	38.83274	24.89149	34.33958	36.74386	37.82506	25.87711
CUST_31794_PI429010886	M18429	0.040187925	24	3	383857725	PREDICTED: uncharacterized prc	Protein metabolism	Cellular protein modification process	9.33E-54	320.1071	142.9612	278.8807	286.5775	398.2963	356.2511	275.6746	178.9536	259.4124	207.7685	263.6152	207.0906	225.8314	261.0327	296.6874	228.5093	217.1534	137.9765	260.696	152.0785	147.89	238.7217	138.2736	119.8645	298.5983	207.209	107.6017	
CUST_10060_PI429010886	N25630	0.040187925	24	21							79.33651	95.95298	104.2957	107.6816	82.00982	89.81747	81.07922	69.02489	89.35207	94.30839	83.31874	114.7628	99.32904	95.84452	104.3181	126.5057	98.40391	123.1089	87.25531	102.9594	95.43553	132.2346	97.90232	128.0247	135.0024	85.27841	147.6855	
CUST_3264_PI429010886	N14135	0.040208183	24	3	321463521	hypothetical protein DAPPUDRA	Signal transduction	Other	3.2E-38	9.534814	5.427636	12.65302	13.13774	19.95489	30.23399	5.774229	12.79123	NA		14.45929	14.01651	NA		23.89085	16.61523	3.730758	6.737421	3.692112	8.804391	5.178823	7.085828	5.571313	NA		7.661726	7.21871	13.46381	4.921067	
CUST_46012_PI429010886	M71064	0.040236736	24	6							169.8611	15.67395	159.3374	119.7806	88.16698	92.95196	NA	NA	NA	118.9114	46.34771	123.935	41.06421	139.5903	158.2614	NA	7.698781	4.820294	NA		3.58881	6.218154	83.13651	8.931679	69.06598	8.183217	NA		12.56759	
CUST_15843_PI429010886	N35232	0.040242833	21	18							25.38297	41.99895	47.34933	22.75769	22.1804	18.9538	15.72542	48.56063	36.21981	33.64233	18.60754	16.49344	15.44262	32.85013	16.45776	35.02813	51.81869	33.01146	42.15192	42.29117	41.29379	36.92692	43.43371	17.45601	28.92548	31.72823	35.97416	
CUST_4269_PI429010886	N16369	0.04025152	24	3							250.621	250.3956	59.99359	156.5986	3368.791	2398.339	127.1629	1383.294	136.4064	5.692618	1244.137	1224.714	11.10999	862.8898	905.3835	14.24675	13.55041	6.886703	NA		864.5859	6.907194	16.62679	268.4249	35.08331	NA		1360.696	6.675274	
CUST_2271_PI429010886	N12001	0.040254189	21	15	156541526	PREDICTED: cullin-4B-like [Nasor	Protein metabolism	Proteolysis	1.61E-122	122.4178	65.91522	93.53318	78.0963	62.66935	63.19478	57.62248	75.83149	52.0293	75.3636	60.81905	112.5544	59.45185	79.14448	80.98106	91.71339	96.59602	110.721	80.02644	70.22094	71.68028	58.06923	81.17631	96.03692	82.62828	74.69118	77.38763	
CUST_4029_PI429010886	N15845	0.040254189	24	21							104.7711	137.1639	125.2461	106.4806	122.2305	109.4096	111.9491	101.7154	129.7636	129.1403	115.3572	110.2483	109.097	105.8028	113.5034	128.3485	105.2701	135.0204	148.3838	115.4959	145.0185	141.6695	161.0268	143.0944	154.8085	109.0071	144.5615	
CUST_5101_PI429010886	N18258	0.040254189	24	18			Transport	Intracellular transport			240.0694	360.3638	314.1063	322.9826	244.6553	275.3403	288.8335	321.7248	323.0408	288.1795	283.6844	271.577	292.6099	252.9258	326.855	340.9357	372.3645	332.7289	361.1116	327.4664	371.7268	317.4998	345.8925	390.7977	371.4802	249.1319	456.8292	
CUST_15626_PI429010886	N34882	0.0402574	21	15							NA	15.10046	8.998007	4.394743	NA	NA	14.82588	NA	3.19794	8.534644	NA	12.76402	6.414885	9.725094	6.654189	NA	11.88722	11.10715	NA		7.1028	9.807589	8.94306	6.331516	8.371114	5.0114	5.457353	5.812801	
CUST_7913_PI429010886	N22265	0.0402773	24	0	241999648	src tyrosine kinase, putative [Ixo	Developmental process	Other	4.56E-104	37.07884	35.30558	41.48089	28.16376	34.85461	33.43972	40.66863	34.51642	24.22177	31.12503	17.7035	30.9462	31.98798	20.25957	22.48649	36.8445	29.71551	43.37269	69.55765	28.51273	33.01451	35.35463	29.75114	31.02035	29.77371	40.21667	42.57027	
CUST_44025_PI429010886	M64683	0.040330671	18	3							48.8586	36.34085	30.86168	34.67932	38.94229	56.29733	36.76496	29.07103	39.03115	32.59222	44.12079	43.11409	26.09309	25.6591	32.35917	47.0382	26.75452	26.5557	42.60881	44.75431	47.89413	32.429	50.23264	55.88596	40.03196	35.65289	37.22647	
CUST_43803_PI429010886	M64024	0.04033714	18	3							32.53452	47.78312	15.53957	19.56731	63.22855	53.30473	38.57471	111.0547	32.12359	11.23707	44.69425	25.62847	13.13552	36.49885	10.71329	11.86355	6.624695	9.838142	15.68303	111.2714	8.195392	NA		62.25886	31.72823	4.757189	115.7411	12.06381	
CUST_46958_PI429010886	M74309	0.040340648	21	0	528489300	PREDICTED: ankyrin repeat dom			5.47E-23	59.69202	53.59606	36.83655	35.97882	38.4343	43.27194	43.71461	32.01377	22.03984	53.68198	42.06094	32.51998	49.87572	26.37524	36.32296	42.6519	27.37201	35.40128	27.56835	31.10352	38.7574	58.42497	52.56129	62.37324	41.67991	47.51044	53.54287	
CUST_52327_PI429010886	M97074	0.040342502	15	9							58.76496	5.925916	65.37786	257.7877	70.87494	113.636	28.00193	47.50671	63.0922	109.097	528.6354	93.11317	217.9731	83.58359	66.9011	11.36638	NA	7.513141	142.6928	100.2745	201.0489	145.6616	657.9421	690.7831	112.8764	181.3177	263.5563	
CUST_6740_PI429010886	N20540	0.04035731	15	12	126335097	PREDICTED: UPF0436 protein C9	Metabolic process	Cellular amino acid metabolic process	1.74E-30	65.01496	132.304	113.823	96.23561	74.22801	66.45173	87.09988	102.4735	98.57909	70.41437	70.39513	62.91855	80.71612	77.82741	69.96485	91.90805	121.3825	112.8468	93.06282	124.6049	104.3981	53.55367	89.97825	83.69572	76.30972	69.07482	92.9385	
CUST_43435_PI429010886	M63237	0.040366991	24	0							7.785469	4.887266	NA		4.641499	8.954353	6.049144	10.81549	7.805069	5.57486	13.68243	19.69443	8.396446	9.975583	5.041039	6.723319	4.997291	10.38657	8.236488	11.49713	11.0155	6.790621	17.50958	NA		10.13156	NA	
CUST_15625_PI429010886	N34881	0.040394146	12	3	533130544	PREDICTED: transcriptional enha	Nucleic acid metabolism	Regulation of gene expression	3.92E-11	NA	9.130244	10.82938	23.04198	7.540172	NA	4.164269	4.57426	4.493246	4.116761	4.875232	6.544441	NA		4.878495	9.584435	13.35388	11.95232	NA		NA	9.440113	7.159232	NA		7.63688	4.113604	11.51457	12.3285	
CUST_21004_PI429010886	N44459	0.040404217	18	0							226.2405	158.7443	232.5608	230.0139	161.691	222.0531	154.3283	146.5888	152.5572	137.7837	147.2992	151.5059	164.0224	194.1916	218.2236	148.0023	156.1141	159.7027	156.0305	167.0371	185.1157	158.8927	175.0698	161.8447	147.043	167.6755	202.1125	
CUST_31573_PI429010886	M1878	0.040404648	21	12	30584201	Homo sapiens peroxisomal D3,D	Metabolic process	Lipid metabolic process	6.23E-63	32.13644	77.711	53.27399	35.80909	51.21191	21.60709	48.38472	37.82047	36.33638	46.49868	33.6699	56.88517	58.00342	80.06182	68.17964	31.72143	60.03374	62.55614	40.48248	58.40039	51.32543	27.93243	59.94044	65.27026	31.56412	56.99733	31.27544	
CUST_43387_PI429010886	M62906	0.040404648	21	0							159.9313	93.8595	133.8434	171.4564	74.92905	132.3978	101.6806	73.24973	80.62092	95.32122	80.49207	107.4395	88.5599	75.54551	73.95531	100.6344	72.5233	105.6776	102.2469	81.75003	99.01871	145.4304	82.88351	137.7837	101.8276	79.59834	117.9412	
CUST_11540_PI429010886	N27991	0.04040657	18	9	321453632	hypothetical protein DAPPUDRA			1.66E-58	4.344418	5.817944	9.297546	9.962728	3.23878	3.388816	13.11625	13.67194	6.765229	17.20767	8.412526	12.74046	16.85534	11.01879	11.38568	7.633196	12.54629	11.26073	6.917829	8.735819	11.44514	9.116536	4.712418	11.39401	8.568381	7.337474	14.35144	
CUST_13674_PI429010886	N31570	0.04042545	12	0							72.55053	35.99566	48.98205	74.74645	61.49211	42.2771	30.71702	35.43409	42.84015	87.80111	56.35449	34.86879	126.8388	39.92196	89.81747	56.67374	55.79643	50.23264	33.16894	37.6918	42.32017	68.9724	67.08754	56.98746	71.69067	41.45632	61.97446	
CUST_35709_PI429010886	M13274	0.040446267	21	18							227.1397	205.079	322.6893	283.5165	180.4963	169.0985	251.2413	240.479	394.9633	213.0837	161.175	211.8745	215.0483	177.4189	137.4674	193.1768	270.2762	312.1666	328.7563	268.6423	306.7699	256.0394	264.176	327.6087	302.9977	229.2492	477.058	
CUST_42776_PI429010886	M61225	0.04048464	21	18							11.25219	31.59758	26.47281	23.78991	20.14753	24.0298	14.90815	30.2584	27.65783	10.9364	13.17618	13.61097	18.67654	13.16987	12.90067	27.38699	34.45662	28.76456	35.36195	12.10349	47.13	21.10822	30.73939	28.26579	35.09307	22.95957	18.63724	
CUST_57275_PI429010886	E3605	0.040494444	24	15	324028132	ribosomal protein S3a [Fenneroj	Protein metabolism	Ribosome biogenesis	4.85E-46	6285.074	9743.786	7147.632	6132.817	5322.868	5451.324	7807.75	7785.133	8025.596	6348.681	5467.822	5336.579	5929.402	5856.992	5227.74	8309.047	10090.54	10605.81	7348.003	8073.399	8098.961	5693.503	6642.147	6551.409	7983.519	6809.882	6752.376	
CUST_5307_PI429010886	N18522	0.040494444	24	15			Protein metabolism	Cellular protein modification process			514.0806	626.0846	546.5288	478.4126	379.9317	400.2135	582.1367	497.1127	600.4266	547.5307	382.9427	511.2321	552.9475	370.1622	495.0948	593.171	653.5411	652.5211	550.6893	503.9395	662.3233	519.4495	629.0343	562.2603	556.4241	542.1922	620.0365	
CUST_16300_PI429010886	N36001	0.040494444	24	21							73.82805	129.9905	180.1999	114.6133	84.2744	61.31764	110.2215	115.4443	145.0185	96.91497	71.35943	69.8604	121.236	79.64838	90.11127	90.21633	122.0207	145.139	138.6868	127.5646	129.3499	105.4571	131.4868	145.5571	128.4802	89.83016	158.1573	
CUST_17743_PI429010886	N38517	0.040494444	24	15	321468531	hypothetical protein DAPPUDRA	Nucleic acid metabolism	Regulation of gene expression	2.41E-21	18.57573	27.15396	25.05787	20.32943	22.23439	23.97222	28.18026	27.96533	33.35662	18.90503	22.83875	18.81173	28.5989	23.24733	48.43357	44.17652	33.84921	29.3005	40.45937	25.75942	33.33788	19.66736	21.03678	30.69787	26.26876	32.43638	24.15844	
CUST_42657_PI429010886	M60876	0.040562292	24	0							17.2724	15.49584	16.8144	11.97918	8.135191	19.8984	13.87743	18.00324	12.37463	10.72225	17.84342	9.997663	4.136593	14.09394	8.815762	9.196346	10.22494	13.98648	13.53611	14.54604	11.80717	6.229277	15.22291	8.58312	15.63819	19.10119	13.94283	
CUST_51416_PI429010886	M93434	0.040562292	24	0							267.0346	185.4966	242.0929	267.6236	155.1393	183.9085	217.4779	163.8342	194.0511	241.1372	141.1702	220.2176	179.1302	145.3783	160.7996	232.9982	163.9403	212.8941	229.2847	166.2848	210.1903	256.0953	173.1737	222.2656	289.0575	193.3701	248.6058	
CUST_32285_PI429010886	M3521	0.040572159	24	21							160.737	119.6711	158.469	115.8488	108.6123	128.0075	127.3332	106.3722	116.2357	144.0147	118.4437	145.9662	156.988	114.2468	147.6402	172.0174	125.1571	166.1333	174.9559	123.398	146.5694	164.9432	123.0482	172.1367	189.9176	138.5532	181.663	
CUST_31286_PI429010886	M51713	0.040572159	21	18							219.8411	95.09356	220.2176	108.6904	73.04516	18.51954	249.2581	157.5632	325.4997	308.1912	99.49631	230.5014	394.6878	178.9277	129.5339	244.6553	150.1534	290.5678	180.1488	124.8558	507.7884	151.7139	144.6203	192.0736	151.8899	153.5382	157.2569	
CUST_31282_PI429010886	M1135	0.040577719	18	3	155966141	private cuticle protein [Lepeop	Metabolic process	Carbohydrate metabolic process	1.98E-20	453.1048	570.7447	9.404259	288.8335	1056.763	1197.753	515.4837	825.0827	523.8156	49.22048	388.9715	303.7619	48.19549	276.0279	223.7463	548.1274	251.7468	160.5687	404.3968	1204.7	298.2569	NA		514.6065	NA		42.11956	1042.748	NA
CUST_34478_PI429010886	M9793	0.040590432	24	21							36.3002	87.87185	75.86824	46.57555	84.37355	79.15396	37.96647	81.87749	69.84655	42.70334	84.28713	43.73547	45.73174	71.84187	57.49967	56.56581	77.07091	61.11356	71.28516	83.89283	41.71225	89.57931	97.42977	82.00982	100.658	87.20964	83.82183	
CUST_40454_PI429010886	M55156	0.0406006	12	3	405971153	Cytoskeleton-associated protein			2.3E-83	117.2039	156.493	169.1851	209.3816	185.2774	162.9942	177.1691	208.3055	371.9503	187.0996	197.5603	284.6794	103.3216	139.0644	164.0459	210.6988	278.4293	326.188	237.8029	78.34836	198.334	87.85118	243.4049	153.6189	159.8538	161.6028	148.3567	
CUST_39204_PI429010886	M36071	0.040606777	15	9							6255.734	43.32608	4928.217	7402.627	4159.327	6656.173	281.0852	321.6405	496.8458	9067.463	6642.147	8146.369	9653.786	4121.132	8683.686	98.68778	27.22159	122.1215	919.9655	1208.723	1412.179	8362.147	8547.585	8565.196	1876.444	6906.237	9376.495	
CUST_56020_PI429010886	M112554	0.040611411	24	18	390349885	PREDICTED: zinc finger protein 8			2.5E-20	137.0267	213.4873	211.3422	188.4673	167.7764	141.1475	172.259	141.3011	145.843	178.3394	138.1387	116.5601	160.9745	189.8339	134.2508	126.3449	232.9522	178.8078	184.6434	237.0906	185.653	170.2707	220.7429	183.9085	230.6071	183.8046	210.6988	
CUST_50147_PI429010886	M88813	0.040611411	24	12							71.88037	56.35449	75.53689	88.82328	86.30982	64.30529	59.68511	62.64213	70.5281	75.10319	75.91716	99.34395	75.264	94.92219	102.5191	71.9695	61.63911	75.22137	96.80429	52.96757	59.18726	82.74445	50.90626	55.31238	62.35301	49.68715	66.54171	
CUST_52794_PI429010886	M98934	0.040611411	24	21							267.1988	279.9809	317.3631	281.9984	257.5954	286.8043	248.8552	289.9011	312.9583	272.8455	249.2581	326.188	253.8613	272.0128	245.2781	453.8518	309.7415	343.7299	408.1953	282.551	312.1009	458.5926	296.6356	377.4146	327.1238	272.6276	350.3187	
CUST_36823_PI429010886	M16953	0.040644606	24	21							76.66571	112.7474	124.4749	117.8598	93.76286	76.29019	97.59576	103.9393	86.24643	118.4588	71.84826	116.724	130.4316	97.12878	119.4775	103.9763	68.72832	135.3432	137.3715	141.0774	98.07401	151.5648	131.5859	127.8074	160.5879	101.0154	160.217	
CUST_38416_PI429010886	M26388	0.040644606	24	21	506969213	prenylated Rab acceptor protein			3.7E-09	1523.69	2420.859	1875.312	1694.196	1800.506	1302.008	1108.83	1701.993	1486.662	1498.652	2027.732	1628.405	1938.127	1713.82	1741.604	1516.421	2580.428	2112.104	1606.909	2075.256	1552.466	1938.89	2113.55	2204.749	2506.266	2249.486	2536.537	
CUST_46265_PI429010886	M71998	0.040644606	24	18							190.613	176.0523	210.955	156.4112	137.3715	122.9511	246.7327	174.3407	241.2716	240.479	133.9994	215.1868	212.2553	163.7162	186.658	241.9944	195.0513	282.9651	277.3007	194.5455	297.6356	277.0946	219.2338	242.3852	294.0126	198.5315	365.9284	
CUST_48070_PI429010886	M78763	0.040644606	24	21	241148964	ATP-dependent helicase (DEAD I			2.59E-51	76.35805	61.03917	73.24134	81.911112	70.1726	76.92811	56.08051	56.01078	81.2035	91.03605	51.64343	72.91519	94.10473	58.03388	76.12999	83.88489	76.5464	71.9236	97.244	60.23886	86.54102	93.01673	88.4446	94.7296	93.61951	63.46562	88.22605	
CUST_280_PI429010886	N3278	0.040644606	24	3							293.6993	503.9395	290.3829	452.5351	592.8013	458.3577	450.3327	497.4085	432.0096	241.5804	439.5135	393.254	355.4873	364.4673	419.0196	454.0605	433.8311	489.1563	264.9542	295.7504	218.2236	229.6141	462.3981	343.4733	293.095	518.9718	453.1048	
CUST_22369_PI429010886	N46908	0.040647666	15	9							21.54205	16.70064	18.03645	9.127031	18.84878	12.55344	9.724209	22.4723	16.28686	24.44216	16.60777	17.35195	10.73071	13.97991	10.75288	21.27028	17.79422	23.34874	16.45936	10.24111	10.64424	19.24428	22.49527	18.43914	25.49446	30.63675	25.2729	
CUST_47053_PI429010886	M74663	0.040649113	24	3	9186884	BCS-1 [Amphibalanus amphitrite			1.48E-08	361.9725	10.49199	350.2239	240.479	2740.835

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_34016_PI429010886	M8509	0.041336713	21	3						10.56444	26.47281	22.92862	26.34871	47.75189	43.63223	9.433632	26.41198	21.33115	18.11193	14.99036	18.54962	13.88603	16.29695	19.13568	20.2757	49.98481	49.06379	15.88147	22.19592	16.27254	25.63539	36.34385	18.70388	36.36056	23.82619	33.62051
CUST_25623_PI429010886	N52761	0.041336713	24	21						42.29849	27.79096	32.44579	31.3587	31.15138	22.87607	30.81966	26.68521	33.90697	45.0895	22.08497	30.52605	20.81138	23.75571	24.59083	44.38734	23.69696	26.07855	40.01543	21.16225	28.2009	47.67532	32.70202	32.75067	38.53951	38.06969	29.41053
CUST_34645_PI429010886	M10273	0.041334994	15	12						30.12082	26.82162	31.84584	46.66393	18.04144	18.97777	29.36748	33.67973	29.98895	20.37998	22.00575	42.75885	43.50595	34.26775	28.83977	33.60676	30.9435	42.43675	30.36186	24.368	29.44962	27.84443	29.92842	27.88483	38.86376		
CUST_34855_PI429010886	M10902	0.041334994	18	15						15.64904	41.77836	49.92175	18.94041	23.03897	13.1553	24.09912	34.37978	25.18751	25.71638	19.46213	28.36418	36.35742	28.65291	41.81524	27.93535	40.45135	29.02823	14.39043	23.96712	33.05798	30.32715	24.53447	23.12968	30.93842	16.86582	31.99205
CUST_42264_PI429010886	M59832	0.041345568	24	21						12.13803	5.202657	6.489476	6.588475 NA		10.23043	10.17394	4.791983	7.309623	9.342102	8.941992	4.611901	8.152582	11.33713	8.377315	9.390601	15.87405	7.095312	14.0591	11.71679	5.842145	16.17891	11.0114	13.46097	10.63779	10.91964	8.767695
CUST_15473_PI429010886	N34633	0.04135392	21	18	332223209	PREDICTED: G2/M phase-specifi	Cellular Process	Cell death	1.56E-23	34.8722	25.57669	26.99058	34.75696	23.18509	14.36936	34.8722	20.7057	24.45228	31.56412	13.63697	21.57883	23.1743	20.98021	15.98963	19.31587	32.91482	33.65745	35.87313	40.79604	28.45904	53.60597	25.61174	26.11298	38.3812	22.21765	31.19842
CUST_16618_PI429010886	N36574	0.041369146	12	0						14.57201	20.39056	22.98107	9.328141	13.88039	22.05957	13.9817	17.9285	11.76845	13.47557	12.682	13.7624	20.03678 NA		22.11983	19.3644	16.1693	12.17645	10.73769	7.73879	16.7377	13.68729	11.30453	19.96659	23.27075	12.96601	18.1573
CUST_1701_PI429010886	N10473	0.041372617	12	3	332376557	unknown [Dendroctonus ponde			1.7E-29	75.68836	170.9641	96.03692	99.49612	138.9364	106.0382	92.90072	146.4666	113.2744	53.04169	140.0577	75.1848	181.663	113.6471	139.866	118.3752	213.6241	189.9176	86.67082	110.3235	103.0964	82.57504	82.32889	93.6437	83.43947	62.95202	111.6419		
CUST_3856_PI429010886	N15417	0.041405927	15	12	348586029	PREDICTED: rab3 GTPase-activat	Signal transduction	Other	3.97E-14	62.04596	63.1189	64.56632	39.19761	70.02512	56.26015	50.3744	52.81957	62.67742	68.10466	71.97753	64.18044	68.27308	81.05496	71.07642	74.10459	68.73418	94.07474	46.42563	52.21052	73.64351	61.15056	61.42131	76.3265	52.12177	64.18993	79.90962
CUST_18233_PI429010886	N39400	0.041421483	24	12						24.11397	29.98996	25.93001	25.06929	38.3287	29.57251	38.7383	23.93259	34.74153	44.10584	27.6757	40.62628	33.29327	33.83079	449.5452	42.84852	35.18743	32.53452	37.62384	27.13523	31.09966	32.85632	39.90993	41.99548	31.64405	28.45348	28.49433
CUST_31402_PI429010886	M1442	0.04146547	18	15	242020088	Hrp65 protein, putative [Pedicul			4.03E-89	94.53661	168.6123	129.2072	127.9102	118.2919	119.6201	163.782	164.5127	176.8026	166.8948	130.8473	142.7074	149.0864	104.5846	117.0698	228.0728	212.2192	178.7734	175.2065	105.1207	168.8433	130.2882	104.5741	103.1345	179.0567	100.9815	104.0463		
CUST_11403_PI429010886	N27754	0.04146841	21	3						113.6471	40.07582	39.71647	149.3939	96.10147	109.4907	77.03919	70.09765	86.39437	114.8511	272.901	69.92903	173.1388	78.23924	73.96504	56.32908	49.40203	59.99359	104.5338	94.64399	94.55136	112.3276	44.35011	149.2791	96.94761	171.6359	168.3995		
CUST_32245_PI429010886	M3619	0.041476648	24	15	13898841	CUB-serine protease [Panulirus	Protein metabolism	Proteolysis	7.54E-55	69.71083	35.93896	29.98295	4.470289		7.2899 NA		375.3353	104.8169	345.1067	83.31337	62.61945	6.656681	62.25886	150.1329 NA		326.5385	253.7263	422.8235	295.6886	39.00565	270.5362	366.0882 NA		368.7015	213.4123	41.6172	138.0005		
CUST_34491_PI429010886	M9826	0.041483351	24	18	537079664	zinc finger protein, partial [Crice			4.33E-45	43.55336	81.48573	66.77855	52.5945	50.0937	38.4508	60.30099	68.53151	53.62536	45.89596	59.69831	48.23305	51.261	54.67195	66.54171	63.26798	61.55774	86.52356	53.74092	85.42964	86.60076	59.25391	76.08583	93.92415	66.30335	58.2972	89.36499		
CUST_9848_PI429010886	N25296	0.041483351	24	18						7.503112	7.027807	7.381739	7.201851	3.562212	5.035991	7.147875	6.592192	7.068342	4.893177	4.96729	15.66009	7.947466	3.978207	10.4115	10.5335	9.88254	10.5103	14.80397	9.268739	7.660563	15.44846	3.224077	14.75816	7.648589	5.30659	13.47557		
CUST_56076_PI429010886	M112693	0.041494306	24	15						1528.323	2197.153	1669.427	1507.382	926.2026	1057.154	1976.903	1573.941	2038.719	2002.791	1132.05	1555.177	1732.526	1118.482	1235.811	2668.728	1955.527	2663.717	2166.525	1583.518	2485.974	1867.24	1684.207	2406.654	2245.768	1366.714	2634.199		
CUST_38901_PI429010886	M31794	0.041494306	24	3	121484191	cuticle protein CUT2 [Portunus p			7.99E-42	5921.175	109.762	5048.826	7290.969	4680.36	6533.018	332.6579	350.9469	374.0444	5350.891	12097.54	6885.506	6276.978	5068.287	8857.18	18.65093	15.46338	34.06673	253.0362	396.6952	423.2638	5336.579	3755.671	5884.771	598.4778	836.9003	1652.642		
CUST_46087_PI429010886	M71333	0.041494306	24	15	443696486	hypothetical protein CAPTEDRAI			2.55E-18	347.6702	54.67791	47.91548	44.95996	41.50445	35.23848	55.98105	49.22608	43.88946	66.22878	52.57814	61.28823	48.73108	49.67166	48.05348	82.86519	79.68621	97.91705	41.92428	33.11578	54.61235	53.54287	43.02903	63.2206	68.79187	42.30746	60.81352		
CUST_47585_PI429010886	M76734	0.041494306	24	21						1592.484	1043.092	1730.472	1021.128	1070.493	659.603	1361.235	1404.695	1787.383	840.0505	812.4851	654.5389	1434.548	786.1643	1004.646	1987.037	1017.712	2278.847	1688.167	1092.1	1131.397	1051.228	1914.352	2177.847	1439.002	1280.738	2050.749		
CUST_5060_PI429010886	N18208	0.041494306	24	15			Protein metabolism	Cellular protein modification process		1432.914	2063.235	1686.38	1323.872	1808.449	1253.748	1591.635	1836.765	2183.114	1809.494	1278.88	1573.941	1830.285	1544.613	1764.635	1949.314	2452.653	2702.508	1691.116	2536.537	2213.256	1593.454	1743.672	2104.842	1706.299	1704.258	2371.181		
CUST_6677_PI429010886	N20448	0.041494306	24	15	321469166	hypothetical protein DAPPUDRA	Protein metabolism	Regulation of translational initiation	5.1E-118	1788.478	2956.694	2125.115	1920.18	1665.146	1731.406	2611.542	2956.694	2744.675	2003.765	1715.071	1529.961	1952.351	1758.225	1718.114	2636.073	3672.992	3373.758	2437.73	2588.32	3222.8	1647.162	2214.163	2021.719	2487.704	1991.351	2249.486		
CUST_9523_PI429010886	N24778	0.041494306	24	21						38.46934	50.3744	50.84163	48.34401	38.11477	44.74977	41.69944	51.99386	46.44642	36.44264	38.02922	50.08183	47.29117	51.46661	68.81679	55.86654	56.8797	53.99104	52.12833	41.36333	49.55479	58.4567	56.08545	66.75504	54.26863	41.17309	76.35805		
CUST_220_PI429010886	N2810	0.041494306	24	3						21922.49	64.13419	19855.57	18522.28	13962.41	20913.02	154.9422	383.2384	150.9062	21334.13	19485.9	26567.15	16847.05	9444.83	19635.13	21.75932	5.050989	137.2208	210.4634	678.3225	240.3937	17982.7	4482.635	16913.15	870.8828	3200.557	3871.525		
CUST_14773_PI429010886	N33447	0.041494306	24	9	156548533	PREDICTED: transmembrane prc			6.07E-34	16.78653	17.55426	7.439076	18.67654	48.04838	44.37921	19.21808	18.69191	8.263401	18.36667	27.702	22.62431	16.2921	13.82436	16.58591	12.21582	14.79581	14.85278	11.32146	23.1348	9.974531	19.85896	10.71017	4.157114	6.084151	14.96193	6.848153		
CUST_21833_PI429010886	N45939	0.041494306	24	21						9.71776	34.38713	23.23151	28.75045	26.76519	27.47239	23.20404	36.30353	32.54957	7.928135	17.57039	20.62924	16.92315	24.40659	24.54621	29.35503	23.11514	29.74732	24.7491	27.6893	21.0164	27.18421	43.75295	32.58198	33.01146	29.67188	28.6788		
CUST_17730_PI429010886	N38491	0.041508329	21	0						24.20066	18.9132	19.06607	22.48894	16.82471	11.34354	18.43607	9.542112	10.69359	9.405457	22.95059	15.40374	12.03475	17.0629	17.96997	16.28066	16.82913	13.75275	8.085249	26.14707	21.0554	37.94299	26.38195	13.81559	23.18831	24.12361	16.5534		
CUST_47537_PI429010886	M76524	0.041526798	24	15						89.88767	65.38557	90.59636	55.61434	45.96012	54.76807	46.6272	63.10394	58.88834	87.29007	85.33414	96.29109	59.68511	68.11052	85.07992	122.6496	73.02048	98.83232	76.5633	75.81657	91.84111	96.07003	69.54417	100.9966	126.0374	78.518	113.6995		
CUST_37488_PI429010886	M19209	0.041557968	24	3						26678.14	91.50373	21710.8	29647.7	10532.72	26129.84	152.0064	181.4589	56.44652	296.8699	5166.879	7937.877	262.7025	18522.28	11763.32	118.1715	34.41229	188.4673	76.55656	130.6615	50.81159	1594.029	42.53392	1792.472	83.49206	109.4907	163.9175		
CUST_3156_PI429010886	N13913	0.041557968	24	18	2499379	RecName: Full=Compound eye c	Signal transduction	Other	5.71E-144	3717.963	2281.476	3397.779	1349.624	1167.815	1102.526	1894.407	3963.836	3272.412	2427.484	3565.017	2729.922	1974.35	3373.758	2308.81	6018.305	3182.56	5864.557	4998.113	3590.769	3617.55	2498.654	3190.966	1887.557	8698.04	3455.897	7032.355		
CUST_7325_PI429010886	N21380	0.041557968	24	21						100.6186	52.7448	102.3362	71.88037	60.31108	67.3285	48.54356	55.51071	49.30286	69.65321	75.44765	85.97811	77.28495	53.69322	88.30662	90.51162	50.92071	75.55461	100.1918	57.51884	71.7184	109.3921	75.56999	89.16759	124.8368	53.83595	119.0449		
CUST_11146_PI429010886	N27344	0.041557968	24	3	530723029	chitin synthase [Pandalopsis jap			1.73E-64	138.3312	95.97338	128.0247	150.0048	351.92	316.3525	100.2009	116.7048	70.8379	142.5991	283.4621	92.81596	134.4304	146.6123	286.6983	89.69131	71.70119	78.24597	78.03831	81.67118	62.338	227.2167	116.5476	198.6089	73.17158	137.8214	63.2086		
CUST_56390_PI429010886	M113659	0.041559942	24	15						26.99645	15.73415	20.06687	35.19853	8.513954	23.37452	30.1739	33.83079	23.24733	64.0447	29.7549	7.089983	42.065	29.79615	9.91168	64.78842	60.89212	52.39131	37.60724	68.30948	44.23722	35.03557	5.590518	25.24448	51.71141	21.60514	17.41612		
CUST_21391_PI429010886	N45135	0.041597002	15	6						5.264041	12.91333	8.822371	8.417136	23.5588	10.57505	10.03947	23.21635	25.60929 NA		12.89112	7.513141	10.10148	14.67792	12.682	4.335057	5.000935	6.569065	15.4862	16.52245	10.77956	8.589131	15.94333	17.70791	NA	8.669674	7.217315		
CUST_56292_PI429010886	M113404	0.041604612	24	0						54.19934	36.8949	45.98151	36.78126	36.92692	32.10997	29.24032	20.56044	29.37844	31.85963	31.77537	38.55172	38.35932	23.61884	35.54384	41.10401	25.80839	59.07967	29.54782	34.78378	41.38957	40.82537	37.90056	27.80868	54.75432	42.42432	52.33176		
CUST_35347_PI429010886	M12561	0.041613212	24	21						74.09844	47.31295	67.53158	68.70029	446.7799	295.1045	67.42662	78.14029	55.73395	62.74684	209.5586	312.008	55.45245	164.4418	194.7103	43.74684	209.5586	312.008	55.45245	164.4418	194.7103	43.74684	209.5586	312.008	55.45245	164.4418	194.7103	43.74684	
CUST_48722_PI429010886	M81851	0.041631212	21	15	262401367	putative ribosomal protein S23e	Protein metabolism	Ribosome biogenesis	3.95E-24	2026.561	3492.822	2627.758	2119.199	2045.264	2173.027	2668.728	2891.912	2824.276	2491.674	1810.6	2013.288	1891.416	2287.533	2034.424	3137.141	3568.199	4064.827	2637.871	2973.957	3060.056	2278.847	2646.596	2715.678	2763.96	2322.285	2862.188		
CUST_33002_PI429010886	M5684	0.041634479	24	18						57.60969	109.1228	81.53976	108.3275	83.62172	57.08138	80.66827	79.2021	100.5529	77.67929	85.47045	75.74761	77.66076	67.0724	89.3399	85.42964	107.1698	94.10473	110.7454	107.8755	98.70542	94.98744	86.60076	95.55779	97.63248	79.1181	97.65071		
CUST_33943_PI429010886	M8319	0.041634479	24	18	307175263	39S ribosomal protein L47, mito	Protein metabolism	Ribosome biogenesis	3.1E-51	168.2637	254.1863	207.9512	158.7144	202.9968	158.3928	176.1204	221.2277	207.6942	150.9231	183.5082	131.6028	202.5815	188.4169	169.5998	171.4564	228.163	268.7276	187.4404	224.1099	238.167	203.8839	200.2294	223.8255	203.2614	192.3671	214.4735		
CUST_10030_PI429010886	N25590	0.041637658	18	3						22.06613	27.13005	34.3049	46.17368	35.46629	18.74013	7.166484	14.21628	18.08853	27.7842	34.61745	24.64222	25.84968	18.87745	26.03031	20.01482	14.41191	12.09948	23.09515	16.54899	11.7546	32.49093	34.88562	37.26555	26.88183	18.28324	27.26773		
CUST_4950_PI429010886	N17877	0.041643878	18	15						18.19475	45.54712	21.27028	5.498962	24.71997	21.5031	17.49199	13.05606	17.38549	5.422628	32.74766	17.55561 NA		21.50871	21.1758	17.11227	37.02396	26.13038	25.8029	30.45492	13.70583	22.94786	20.91851	19.86678	8.58312	18.56908	9.748353		
CUST_5640_PI429010886	N18980	0.041646718	12	9	260787980	hypothetical protein BRAFLDRAF	Metabolic process	Lipid metabolic process	1.57E-77	NA	70.3428	76.31853	21.82274 NA		14.57201	121.6645	56.19985	71.64925	84.39985	47.85099	58.12065	52.16251	83.73063	81.28557	11.97474	32.86278	52.98141	58.90806	56.43411	62.3082	59.67529	73.47778	112.9762	31.34548	18.95876	49.68715		
CUST_9508_PI429010886	N24758	0.041652729	24	15	240972665	chloride channel, putative [Ixod	Transport	Ion transport	1.06E-51	53.96936	39.14498	47.36534	33.30353	33.34145	37.07514	28.77829	29.12719	44.15404	52.98141	37.84952	54.56309	49.50741	28.33501	51.38302	70.95708	47.55101	52.25815	59.09232	36.29464	32.19227	58.27052	46.54974	52.09068	42.23986	41.19213	46.47735		
CUST_18862_PI429010886	N40545	0.041654104	15	12	307199297	DnaJ-like protein subfamily C m	Metabolic process	Oxidation-reduction process	5.25E-32	8.036199	6.340508	5.425079	9.827764	5.037893	2.985328	3.367641	9.708019	9.012147	6.029956 NA		10.57021	12.03178 NA		14.58537	9.315034	11.67524	8.371114	7.365868	4.933387	6.049144	8.708353	10.54823	6.778794	6.842059	9.102869	5.47375		
CUST_10763_PI429010886	N26749	0.041660294	15	9	260824441	hypothetical protein BRAFLDRAF			2.82E-78	7.873998	6.872635	5.23417 NA		9.892309	7.838145	10.61964	12.95563	8.30504 NA		NA	17.03934	11.19796	11.76947	10.88207	20.82592	9.373767	10.06507	12.14919	8.585661	11.37254	12.92804	8.62544	21.55398	11.10715	12.97286	14.49179		
CUST_34167_PI429010886	M8933	0.041666195	24	21						350.791	600.8289	450.9209	415.8814	458.8651	353.0555	356.2511	398.088	416.6449	462.0354	487.1319	409.2932	399.5386	342.9247	403.9297	426.1948	476.6448	557.4698	430.4406	388.156	438.2874	519.1671	556.8156	535.4815	508.1759	495.5669	645.2626		
CUST_5087_PI429010886	N18242	0.041666195	24	21	242008642	conserved hypothetical protein			1.17E-52	125.7133	204.9134	203.36	127.7013	141.8724	124.9247	127.4555	181.3177	178.2425	146.4666	151.2854	132.4149	176.5842	195.0513	159.9313	153.2144	212.4024	183.2355	147.7301	186.762	161.9945	186.5368	235.0886	207.0168	177.362	193.7855	227.7726		
CUST_23125_PI429010886	N48298	0.041666195	24	21						23.05329	35.91186	31.77537	58.37071	23.31389	44.95536	31.41185	48.11395	29.46145	33.12802	26.206	24.80109	57.02244	33.87486	38.83274	42.35625	62.07591	46.66198	42.12383	33.1947	52.27137	69.264	48.11986	60.32929	43.91443	50.66742	32.33466		
CUST_602_PI429010886	N6293	0.041666195	24	18						3455.897	5336.579	3921.719	4048.748	2598.143	2765.552	4432.869	2365.258	2698.998	5402.577	2960.558	5514.378	5137.74	3098.696	4177.108	5705.148	1781.913	4928.217	7714.571	4439.592	6226.747	5864.557	3790.113	3717.963	8227.781	3064.959	5357.194		
CUST_55668_PI429010886	M111206	0.041673611	18	3						129.1403	114.8083	143.2259	164.9977	164.3644	117.7903	135.5781	100.1152	160.2766	171.7541	109.561	145.7916	85.87925	61.07789	43.96327	117.6781	120.749	106.2416	148.1737	97.04656	66.72007	166.4486	159.1067	75.06882	204.9422	80.36141	116.7899		
CUST_5801_PI429010886	N19216	0.041673611	24	21	260833022	hypothetical protein BRAFLDRAF	Nucleic acid metabolism	DNA replication	9.26E-148	84.14449	82.48416	98.31087	76.07226	61.72095	77.61728	71.20264	68.9382	92.32672	81.1118	103.3596	87.60092	70.61194	77.17497	70.86476	86.03629	72.76543	91.73279	102.326	72.00199	81.71011	114.7172	86.71039	105.8148	89.94466	72.46811	101.0154		
CUST_17424_PI429010886	N37938	0.041680074	24	3						24.13637	14.2562	25.15651	39.66978	49.12192	62.196	7.878601	6.284027	5.382425	26.17884	45.36684	43.25692	20.51536	30.6774	42.74261	6.476119	4.317606	6.242509 NA		8.452888	4.144296	27.15149	19.96477	25.30132 NA		17.37506	5.06766		
CUST_7409_PI429010886	N27472	0.041725474	24	3						18.12289	11.82582	17.00074	24.86103	18.46116 NA		9.96624	8.659305	11.60045	5.832188	11.86738	12.13039	10.85018	9.822779 NA		16.32165 NA		6.141714	5.154544	3.398209	10.5059	8.110775 NA		12.7792	4.500151 NA			
CUST_1473_PI429010886	N9737	0.041732455	21	3						46.21146	46.84848	44.57504	61.68952	47.24216	50.1877	42.29117	49.59683	43.42575	55.17588	43.08599	47.60538	56.72705	36.28429	38.89794	47.09024	44.61277	41.37426	46.32725	42.48778	34.58217	57.32544	49.60673	43.74801	47.96277	46.77922	47.16802		
CUST_37572_PI429010886	M19551	0.041735205	12	9	512818129	PREDICTED: DNA-directed RNA p			3.8E-10	61.68952	5.447639	58.15501	69.41702	42.32505	44.72843	23.85663	6.523317	25.69634	131.4002	53.22588	82.77125	138.2964	46.25621	103.9282	4.286809 NA		4.177987	43.37645	17.11031	36.54404	71.5317	66.459	74.91262	35.25348	47.58659	63.81233		
CUST_35208_PI429010886	M11904	0.041762472	15	12	328784017	PREDICTED: LOW QUALITY PROT	Signal transduction	Other	9.07E-66	26.61351	25.67187	36.69692	26.57765	41.43789	44.09481	26.18926	25.53189	23.50114	31.72143	34.02535	33.85231	28.19441	34.31749	39.43934	36.58388	27.36008	29.46646	24.57559	24.16822	21.54756	31.59758	20.62724	26.60979	29.63864	26.87469	27.99655		
CUST_7269_PI429010886	N21295	0.041773334	24	3	42794531	Macrobrachium rosenbergii hea				11.39973	19.0327	38.48559	13.1221	98.67888	44.54779 NA		13.4622	12.97286	13.64726	52.48031	37.02396	5.263423	32.86972	28.40206	7.3032	16.19958	5.209393 NA		10.20755	8.262222	10.17872	13.60934	13.49255 NA		13.79883	10.57851		
CUST_37636_PI429010886	M20050	0.041799319	21	18	77743875	Euphausia superba isolate DGGE				172120.5	120347.3	165533.3	128762.9	140049.6	117905.2	108703	120347.3	121965.4	133343.7	77887.6	100092.3	137201.5	134911.1	151266.3	129958.7	155821.7	122649.5	147778.7	136545.1	134002.5	119519.5	151981.2	134911.1	141244.3	129958.7	144817.8		
CUST_23625_PI429010886	N49160	0.041838232	18	12	242013728	polycomb complex protein bmi-			1.1E-17	97.93073	45.66597	66.28735	71.98615	36.90197	46.39912	47.95196	41.38164	37.9908	65.49056	78.99466	60.04487	134.3368	56.96365	107.2469	124.3244	171.5325	38	112.2221	48.26184	46.7009	55.70355	63.92981	52.90722	56.95761	51.22586	55.11106		
CUST_9578_PI429010886	N24867	0.041840807	24	21			Signal transduction	Other		18.98361	15.06825	25.6591	9.44382	11.76276	6.594004	8.893955	16.25004	5.546759	18.17381	11.4263	18.38358	12.60565	29.05473	16.78894	17.38916	10.5117	19.01967	14.33104	15.483	11.61625	26.32889	19.22058	20.97185	25.51207	13.93951	24.39353		
CUST_42994_PI429010886	M61809	0.041842509	24	3						23.15112 NA		16.29003	38.81388	27.89407	26.71617	12.34429	12.89253	4.899473	13.2072	10.45586	15.44997	20.66717	15.08699 NA		NA	NA	4.270591 NA		9.020218 NA		10.70872	15.33068	9.959247 NA		35.21621	10.44609		
CUST_13539_PI429010886	N31355	0.041853808	24	15						136.4616	157.2166	133.4406	134.3589	123.4349	131.0082	185.3397	177.6996	165.742	144.058	112.7999	118.9453	144.6203	142.1557	145.0185	193.0974	187.1657	156.6771	153.3624	147.9838	156.0931	90.41336	156.2107	129.4603	137.4424	146.2889	150.4308		
CUST_57249_PI429010886	E2934	0.041877983	24	15	3915094	RecName: Full=Tubulin alpha-3 c	Cellular component orga	Cytoskeleton organization	1.48E-34	3715.857	8098.961	3875.533	3712.526	2918.383	2998.296	6240.674	6249.252	3455.897	4637.293	2487.704	2538.621	4436.509	3120.055	3250.257	6439.853	7769.948	7597.158	5131.503	3963.836	5119.273	2342.087	4719.533	3373.758	3220.778	5184.879	3401.586		
CUST_651_PI429010886	N6572	0.041889736	15	0			Metabolic process	Carbohydrate metabolic process		184.4145	222.2997	31.09684	92.84934	119.9264	164.3905	25.54534	34.37539	40.47822	35.38735	39.08885	54.90137	64.2252	103.8862	88.52477	112.1712	99.7696	57.37441	37.03485	117.0413	37.72504	37.25229	32.61311	42.40452	30.91451	116.6925	22.31697		
CUST_26776_PI429010886	N54857	0.041920412	21	9						49.4079	49.69782	38.64876	41.48089	57.10009	49.014	62.27316	53.49898	49.48565	59.74362	63.32579	55.20546	55.40345	45.01993	49.08691	49.87572	38.42576	46.04576	53.52013	32.2766	46.46695	57.8261	33.77215	49.92591	62.3254	36.06722	48.88764		
CUST_37821_PI429010886	M21763	0.041922052	21	15			Protein metabolism	Proteolysis		111.2293	250.35	228.1062	205.2408	217.1534	335.3952	163.9723	300.3068	219.1089	167.8222	219.1

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_51146_PI429010886	M92367	0.042491542	12	0						12.08009	13.71972	11.19099	7.153945	12.65976	10.99972	7.124762	4.982765	8.624273	2.922263	9.665024	15.76766	8.951537	9.54303	12.12549	6.784619	3.921285	10.21029	5.038532	5.190574	5.452796	6.368122	NA	14.90046	10.25642	8.263401	15.68303	
CUST_57238_PI429010886	E2797	0.042494169	24	15	122082005	RecName: Full=60S ribosomal pr	Protein metabolism	Ribosome biogenesis	1.17E-15	6000.152	11323.45	7966.321	7585.802	6116.36	6298.27	9425.197	9500.977	9425.197	7653.847	3286.945	5921.175	8713.974	6461.658	6193.269	12317.37	12699.11	12236.09	8215.523	9759.347	9999.789	6854.464	8929.115	8362.147	8484.924	9804.488	8547.585	
CUST_41088_PI429010886	M56848	0.042494169	24	15	307204038	Zinc finger protein Xfin [Harpegr			0.00000017	65.51653	95.08226	76.49879	74.01825	67.07009	59.88723	84.6671	73.50942	82.20662	97.09091	62.06796	64.63944	100.0738	65.98466	62.09142	99.2507	99.66557	86.81904	83.03055	94.43966	87.96067	74.63073	91.12829	98.37995	75.06882	84.9077	
CUST_43919_PI429010886	M56423	0.042494169	24	9	291241774	PREDICTED: CG10098-like [Saccc	Protein metabolism	Proteolysis	7.42E-49	29.87934	32.58198	19.21808	24.42528	43.90368	39.29429	35.92906	34.22235	29.4638	33.35662	134.9672	39.94084	19.57119	22.82508	25.2729	43.83778	21.43294	22.46641	14.37978	20.83366	24.47377	21.41005	15.54937	28.2959	18.23229	23.72167	25.66849	
CUST_34456_PI429010886	M9723	0.042494169	24	15						205.1648	391.5717	291.7534	237.2505	286.2998	269.2064	306.9062	346.9643	319.0038	269.7799	279.9809	285.4272	300.3068	296.1058	285.9469	371.9503	410.2255	368.7646	331.6434	325.1203	370.8194	253.8231	298.2569	296.3981	358.5218	315.7654	374.7006	
CUST_6907_PI429010886	N20763	0.042494169	24	15			Metabolic process	Carbohydrate metabolic process		93.54583	40.50707	41.71225	51.80751	14.50529	31.65828	56.82896	123.7768	108.2618	184.7058	80.43757	69.53147	96.84289	149.9518	37.62021	198.8083	68.83252	200.1541	134.0192	106.7181	158.1747	111.653	12.86215	81.97833	194.2319	47.65044	143.4692	
CUST_6944_PI429010886	N20813	0.042494169	24	15						366.6368	717.5574	541.3579	343.1184	412.604	341.0815	467.0581	636.557	567.0251	408.3889	423.2638	395.1137	399.0879	388.2211	478.7694	639.5264	789.6051	649.4957	513.7138	541.3579	678.3225	434.3661	569.1918	561.3058	555.5824	466.3373	613.7905	
CUST_55703_PI429010886	M111376	0.042517101	24	0						335.5615	384.0543	435.731	348.964	284.4024	301.3784	304.7866	297.3019	346.4474	392.3777	330.7777	354.1831	321.0799	305.7009	258.9723	400.7915	374.0444	415.5107	312.8082	348.11	307.7409	385.6874	364.9578	403.7519	479.6967	428.9483	574.9115	
CUST_41556_PI429010886	M58023	0.042517101	24	0						268.1907	422.5065	346.6392	355.2635	368.2385	315.6063	281.628	328.5727	345.3559	327.6087	384.6227	262.2441	306.0384	302.0161	289.1171	327.3954	389.4601	417.2642	422.6098	324.6065	295.6289	405.4699	396.7957	342.6036	490.2242	409.7628	451.0149	
CUST_51689_PI429010886	M94586	0.042517101	24	0						123.0596	92.0742	105.7248	80.16932	92.48145	70.42129	148.55	99.32904	101.588	83.03055	93.28654	82.26609	62.367	73.26943	73.31512	92.62501	108.2818	97.2956	95.50727	81.80549	79.67772	99.94989	82.70695	82.05798	102.1812	95.30674	98.63138	
CUST_38116_PI429010886	M23425	0.042520435	21	18						1228.382	994.081	1088.256	1309.131	738.2631	989.4983	1238.715	954.137	1150.36	1286.33	775.6832	948.407	1003.961	678.9908	665.1463	1715.071	1158.095	1245.954	2051.901	1195.903	1793.169	1900.457	1050.367	1708.051	1752.658	593.5138	1347.499	
CUST_16642_PI429010886	N36616	0.042520435	21	18	321466204	hypothetical protein DAPPUDRA	Signal transduction	Other	5.42E-42	90.29464	140.4625	117.8894	73.39156	58.6831	99.10109	104.1579	112.4213	143.7613	82.33668	107.0618	93.73127	73.05642	87.92365	83.4815	164.9616	125.3435	124.0944	149.0714	123.2485	141.0554	119.9092	119.3101	115.1151	140.7362	125.3559	132.8996	
CUST_16739_PI429010886	N36782	0.042528046	15	9	442628732	dynamin associated protein 160	Cellular Process	Cell differentiation	5.88E-15	27.10146	22.63447	26.90764	23.59507	23.36033	17.34867	21.62961	20.79352	22.12314	27.1592	23.55114	22.89097	22.11983	24.23948	24.69407	27.74551	27.90588	16.40975	19.10616	21.44313	21.26556	37.30482	28.42064	27.36657	36.20921	30.50653	35.52825	
CUST_18008_PI429010886	N38988	0.042528046	24	21						159.5479	108.9127	112.5544	118.2313	67.10107	70.89953	58.3569	67.36564	82.05798	93.52245	91.39547	113.622	91.7043	81.64232	129.0812	111.2462	95.84452	114.2304	112.8764	81.32217	72.97666	153.0208	108.9478	145.139	194.1489	104.1579	153.6425	
CUST_20656_PI429010886	N43829	0.042557078	24	18						60.09389	174.6626	210.5853	135.5555	83.89283	24.40659	88.6413	192.1306	307.9833	49.9905	141.3689	57.24189	133.3192	100.1152	42.22249	62.29516	67.0724	64.81491	285.2064	241.7973	214.117	194.635	274.4093	185.653	354.7453	173.1969	293.4022	
CUST_35195_PI429010886	M11860	0.042560497	15	9	345493243	PREDICTED: ELMO domain-conta	Transport	Vesicle-mediated transport	2.06E-73	37.6918	24.6188	29.61117	20.48185	40.91214	20.12057	17.00074	24.06305	36.51861	33.83378	30.57632	39.12428	18.77257	40.71656	27.84822	32.43638	29.66835	27.30031	27.11349	20.93451	21.05828	29.48451	24.82555	17.26651	52.79302	39.97068	39.50565	
CUST_43689_PI429010886	M63700	0.042560497	15	6						186.9781	418.3708	367.2975	221.596	166.838	136.8929	416.3476	456.4069	528.6354	359.6695	322.5903	249.4703	382.9427	269.5843	221.1582	371.2053	236.5827	248.1643	405.3815	241.0942	435.391	511.9251	383.9729	437.1787	426.8467	281.7476	438.1085	
CUST_25828_PI429010886	M53127	0.042560497	21	3						9.271842	33.95508	12.46576	18.43607	NA	10.76257	NA	14.14494	4.817104	NA	9.524903	16.52409	NA	7.894226	16.27462	6.869765	8.005861	7.619126	6.614583	4.909031	7.673574	13.6023	11.08188	11.10999	10.72911	19.69443	9.935802	
CUST_38053_PI429010886	M23102	0.042560341	24	3						6791.114	NA	6201.489	8073.399	NA	5929.402	10.86877	7.365868	5.327092	6676.906	7376.103	4841.865	6696.753	16.8613	5002.917	4.29944	8.43105	15.21169	19.34486	52.24236	39.70188	6727.299	1059.201	5394.696	116.2009	114.5807	253.3528	
CUST_56545_PI429010886	M114059	0.042624038	24	15						132.4791	262.525	224.1099	144.0984	122.9659	116.8939	208.2068	234.1352	237.6854	190.9992	140.6285	175.545	176.5278	147.7749	147.2139	203.2614	253.5695	286.6404	248.9453	201.86	279.5075	185.6848	158.9852	172.2883	230.5374	176.549	226.3355	
CUST_41873_PI429010886	M58761	0.042624038	24	15						44.79025	45.27834	67.17319	37.14951	46.40767	41.34776	47.15185	49.92214	53.34992	58.3384	36.6656	59.48241	64.61049	50.74506	60.53447	68.68508	46.3034	82.73518	76.78462	37.14598	68.22331	57.21256	53.60597	72.01042	71.09432	54.89094	69.17898	
CUST_44526_PI429010886	M66217	0.042652499	24	21	317419745	Diphthamide biosynthesis prote	Protein metabolism	Cellular protein modification process	4.23E-19	34.92175	43.49402	51.3517	24.55123	29.12055	26.01873	30.87462	33.48088	27.89978	40.88003	35.29764	31.41595	46.10158	31.05581	32.79916	14.91234	45.90992	43.95236	28.25136	36.25072	39.82654	46.43071	42.26958	45.47301	30.99758	35.23472	40.19911	
CUST_11909_PI429010886	N28608	0.042661479	24	15	321468138	hypothetical protein DAPPUDRA	Transport	Transmembrane transport	8.15E-31	16.60231	18.67988	17.7621	28.98015	8.435707	12.65976	43.74346	35.93244	8.586447	12.23558	87.74995	36.87147	40.9561	33.22428	17.86008	40.10788	43.73952	50.67391	29.30996	11.99886	45.22907	28.33805	15.8505	23.27075	36.47269	18.96527	20.37769	
CUST_56329_PI429010886	M113509	0.042665748	18	3						57.29886	81.00976	72.15825	73.84495	82.54419	76.76723	51.6582	68.64759	59.02352	54.66218	68.50963	65.56898	65.04883	65.47283	71.68028	66.84952	76.03311	72.74057	59.45185	75.45664	65.24075	76.14902	68.11779	79.96781	77.47208	69.89215	67.58103	
CUST_31145_PI429010886	M816	0.042665748	18	15	321459544	hypothetical protein DAPPUDRA			5.19E-60	547.0285	1785.094	712.6985	563.6439	157.5397	448.6833	1588.642	791.8334	1097.014	925.0688	448.0132	375.2193	894.3502	778.7232	325.1877	2056.189	1957.624	1836.765	1583.518	319.3967	1335.991	593.0437	387.249	503.3681	792.4227	498.3024	560.3033	
CUST_24050_PI429010886	N49941	0.042665748	18	9						19.19457	12.54285	19.09216	10.03737	13.2886	15.9018	21.68924	11.20772	15.4862	27.68187	19.59461	21.42365	18.44774	12.46202	22.59088	10.73336	14.04735	17.20063	19.9436	5.873013	18.54037	8.914356	9.113167	16.31049	27.00266	15.29719	24.41183	
CUST_39757_PI429010886	M44093	0.042669867	18	6	220172371	putative elastin a [Rimicaris exo			0.000000156	858.51	1292.915	1840.408	1316.811	595.1579	146.9806	1056.414	1409.395	2389.711	1063.435	1527.348	625.9001	1749.36	781.7261	552.2424	348.473	506.1561	549.3721	1914.352	2130.512	2684.097	1342.937	2654.193	2759.556	1685.048	2308.81	4000.901	
CUST_317_PI429010886	N3839	0.042677794	24	12	298162780	early cuticle protein 6 [Callinect			3.03E-14	3090.222	2048.35	785.0219	2904.283	20762.38	15900.37	2867.707	4685.458	1370.424	520.4605	19195.08	23379.75	1216.51	22092.06	21710.8	6255.734	1790.499	3543.046	2833.623	5172.899	2499.817	162.0684	2434.185	181.4867	484.3203	4315.085	81.70379	
CUST_51694_PI429010886	M94605	0.042680511	21	15	241243547	protein kinase, putative [Ixodes	Signal transduction	Other	7.64E-41	42.53768	32.69018	31.90012	41.20908	28.29802	19.92947	59.27468	31.33958	50.58395	32.59654	22.00011	30.6146	31.95741	38.85319	28.37326	53.14113	35.01298	47.78312	50.1322	32.81904	41.77489	32.85244	38.12534	28.1721	37.69822	26.4908	30.79372	
CUST_26541_PI429010886	N54420	0.042694047	24	9						5.668943	12.88293	7.487104	14.61522	13.1424	11.90033	6.862158	9.375499	6.89852	16.42634	10.64209	12.78545	3.869956	10.90567	17.65126	11.12477	9.814559	11.57188	4.976733	9.061533	4.191248	6.852265	9.2857	5.06766	5.532456	6.406844	7.714788	
CUST_34320_PI429010886	M9318	0.042711817	24	18	242017663	anaphase-promoting complex su	Protein metabolism	Proteolysis	3.5E-41	21.26556	31.64857	17.55561	27.64775	26.96277	19.407	22.76482	30.59991	25.72152	26.5557	26.38902	17.83143	27.26495	33.07741	19.39663	25.70782	40.16574	36.17758	24.17927	43.94355	38.73021	31.03564	47.00541	32.05523	36.96261	30.78094	42.96134	
CUST_13542_PI429010886	N31358	0.042711817	24	18						157.1785	206.6626	203.057	188.7958	128.4423	151.922	172.9739	151.0875	183.2834	208.9983	140.3156	191.8796	191.1727	136.7679	163.4271	192.7777	223.6033	218.3991	231.3331	187.286	215.4411	183.8046	195.6436	199.718	204.0335	198.334	228.3687	
CUST_31387_PI429010886	M1414	0.04273631	24	18						29.67188	40.11852	56.57137	36.71863	40.07582	23.49323	29.88935	42.88477	38.51685	35.98686	30.06574	21.57217	35.70122	38.7785	30.31074	35.00336	49.62618	37.47176	43.15014	55.70355	47.20253	36.30672	33.90314	40.75473	44.32847	37.8045	44.0823	
CUST_11671_PI429010886	N28213	0.042739239	24	0						332.944	548.2784	462.531	313.4133	399.0879	382.191	391.4124	400.4361	358.8543	414.226	360.2285	397.6869	383.67	399.7084	344.6427	480.2531	460.2218	485.5854	428.6927	440.2791	429.0423	439.9905	470.5066	449.2725	496.8458	487.5393	506.9058	
CUST_11921_PI429010886	N28631	0.042763554	21	3						240.5273	393.924	307.4677	203.0356	465.2004	341.5971	215.2938	373.4093	322.1601	217.3699	237.8915	259.2192	176.4771	303.1234	346.8977	240.0203	390.2585	285.3818	276.9413	330.9229	371.9503	325.4289	347.0445	385.4871	441.1218	485.7316	349.1843	
CUST_15589_PI429010886	N33633	0.042763554	24	0						203.7634	152.8709	211.0451	140.2946	173.7538	113.823	198.334	101.7075	142.1948	110.9897	117.354	123.3723	156.7242	86.81003	182.8221	89.35207	183.2927	111.0547	157.8268	90.26753	168.5664	155.9815	123.9057	115.2993	233.6384	127.4555	199.718	
CUST_1503_PI429010886	N9845	0.042763554	24	15			Metabolic process	Carbohydrate metabolic process		325.2782	143.0944	232.0442	463.6603	87.41282	362.9291	683.1382	1481.716	1149.936	1581.87	910.9934	257.5954	454.5758	520.0326	302.5618	3175.147	1012.36	2571.491	933.0577	1299.503	1908.561	1212.445	62.1017	874.6609	1393.298	290.5678	730.7886	
CUST_53211_PI429010886	M100739	0.042800846	21	9						19.49003	33.17225	29.81738	13.62301	22.81991	15.65515	40.98047	25.13144	37.90412	34.38713	15.9512	43.61117	20.65415	25.00404	20.53051	10.44922	47.59053	36.32694	33.10821	16.71688	35.0064	11.98023	19.01388	7.313381	9.685449	11.19367	15.61171	
CUST_40595_PI429010886	M55563	0.042801922	21	0						120.3588	456.1764	379.8743	81.81979	61.69489	27.95071	128.8978	191.3515	312.7556	79.51886	178.7203	134.6822	109.4096	84.03656	28.27682	99.67801	209.8556	155.1393	149.7452	96.89897	171.9553	191.1727	286.4183	320.9643	139.7737	133.335	223.3238	
CUST_43626_PI429010886	M63534	0.042801922	21	12						14.10098	14.42653	11.22739	12.45442	18.28904	25.123	14.13494	12.79576	20.16486	12.50022	17.45365	19.95043	92.31393	23.20911	21.88915	11.90136	18.33289	15.67594	13.71044	8.448438	35.4183	7.610237	11.1169	16.14673	15.67181	22.96931	13.89134	
CUST_25390_PI429010886	N52332	0.042836941	18	9						20.29057	10.32895	9.879786	19.64262	8.214848	7.773057	18.08853	18.38358	12.14425	23.79328	15.25766	21.73515	18.31793	3.550127	20.41052	11.04999	4.953316	8.577815	11.43085	6.662217	11.06478	15.01034	10.39189	7.494165	9.713824	22.57092	13.63037	
CUST_10297_PI429010886	N26022	0.042850327	18	15						219.1089	266.1986	222.4664	199.2487	156.9197	139.0478	293.3331	230.2055	252.6173	289.2307	163.1533	273.6157	245.7379	190.0624	268.6876	303.1963	256.4943	270.4772	222.0531	198.6494	150.8113	181.663	214.9341	220.5798	211.3776	177.673	331.5173	
CUST_12575_PI429010886	N29683	0.042890361	21	15						10.98328	19.96477	15.98963	4.296501	17.81281	12.40824	12.3285	22.8101	15.70264	13.8625	11.46971	9.711241	11.14899	14.4099	16.66622	23.79152	20.42573	33.5806	5.162816	26.10756	26.32889	NA	16.2172	15.01034	5.653997	12.56899	11.58452	
CUST_44695_PI429010886	M66700	0.042892215	12	9						72.16617	18.37247	92.00118	130.5163	103.5646	5.374147	45.0895	101.0477	159.9694	93.77335	196.4115	75.77051	473.4786	137.3715	249.1748	NA	6.205904	4.522179	131.8934	166.3221	258.2813	439.8767	527.1701	315.8899	285.4272	162.1178	488.0472	
CUST_14888_PI429010886	N33638	0.042925845	18	15						28.05593	47.2578	39.26844	30.8995	20.42573	12.50865	37.42766	30.15056	36.58388	31.28978	15.70264	7.616397	41.4895	42.07458	17.98946	39.74893	46.59528	42.89355	40.31371	28.54797	32.94464	20.34644	37.97588	26.19863	24.6188	41.26235	29.80661	
CUST_48186_PI429010886	M79269	0.042951835	21	18						29.06853	16.17629	24.06072	10.29065	8.404592	16.2952	12.16262	10.50648	20.34644	11.41494	NA	19.61789	17.90949	6.477013	5.905363	19.35085	13.84038	18.66636	24.43106	19.42183	26.19258	20.2236	19.73488	16.07009	28.80996	11.26399	22.20069	
CUST_2496_PI429010886	N12503	0.042957385	24	18						98.91443	166.838	193.8538	122.0045	134.8435	182.8221	100.2889	153.6889	239.2973	126.9272	143.4442	181.8872	130.9346	165.6814	188.3253	289.6843	149.8334	220.4205	297.8825	170.5061	273.3536	310.4859	166.8118	265.8681	304.6294	147.0201	224.6222	
CUST_49568_PI429010886	M86158	0.042988096	21	15						5.820025	9.464633	10.93377	4.843669	5.441289	NA	5.075705	NA	7.389162	5.933754	5.328528	6.408089	NA	9.361001	10.99438	12.80959	5.890677	13.59928	NA	4.745385	7.938175	13.54205	6.612027	9.249852	6.2741	5.14765	5.085926	
CUST_35575_PI429010886	M12925	0.04298887	12	0						91.33505	133.5862	107.1994	91.7922	97.50175	84.01764	85.11492	97.75803	104.9377	95.29319	121.7366	94.67757	132.8203	103.8712	98.37749	87.53029	147.7749	81.48573	77.43333	97.58001	92.42138	103.4897	138.0005	106.5634	131.3179	106.7719	130.9346	
CUST_39286_PI429010886	M37219	0.04298887	12	0						93147.81	8016.887	85264.67	69178.17	28120.27	44913.68	18579.76	30721.41	39713.59	56377.06	52815.17	56054.28	82051.33	47342.04	66134.01	15673.03	9096.626	15394.16	35607.66	45731.6	55277.47	65558.65	58747.16	73328.57	25978.53	51875.49	72257.2	
CUST_38040_PI429010886	M22993	0.042994101	24	21						192.4063	280.4189	235.338	202.6223	265.9313	209.1753	226.6524	275.5152	265.7303	210.4634	252.389	122.7895	239.9273	214.2039	236.8356	218.2535	266.5309	215.556	217.1197	84.50547	287.2425	269.3131	205.1728	284.6215	235.8371	249.3411	284.8608	
CUST_38979_PI429010886	M32933	0.042994101	24	3	82795527	arthrodial cuticle protein AMP16			1.02E-14	565.179	81.21161	474.8239	144.9995	275.4561	457.222	57.24189	79.26449	72.52843	300.0533	315.7654	418.6023	267.0346	330.8653	516.0491	24.92323	34.02535	14.37344	34.81337	84.02947	21.0268	374.3443	194.5781	274.6613	160.7374	111.371	88.80608	
CUST_41898_PI429010886	M58831	0.042994101	24	21						60.32347	77.50089	112.6234	68.51645	70.70842	74.5359	66.65338	82.00982	79.83656	70.29674	61.95078	55.04149	87.08887	69.62329	63.91561	77.95933	101.6124	87.31684	79.96781	60.57425	72.32818	107.6017	79.99233	96.23561	90.28649	64.32511	85.77379	
CUST_33229_PI429010886	M6339	0.042994101	24	3						40.38119	14.11853	59.02352	44.1972	159.3374	82.31732	11.94299	26.66965	12.92804	20.19023	64.30529	40.81486	25.54534	160.2439	159.7501	7.43445	14.55467	9.01805	9.684334	12.52949	20.80953	16.48948	14.19705	16.42269	12.64537	17.39468	15.5366	
CUST_47850_PI429010886	M77842	0.042994101	24	6						43.03288	69.15316	49.6421	47.69823	36.75099	39.35132	87.03898	86.85325	99.3998	72.79587	60.98236	24.50769	42.2509	64.72689	28.45078	31.24606	145.2258	15.55999	43.09131	35.31786	16.58358	46.66635	35.36937	18.53335	44.95536	48.46739	16.62267	
CUST_34527_PI429010886	M9919	0.042994101	24	15						675.6901	807.6213	824.4785	687.9587	555.8829	661.6594	855.0422	779.344	855.0422	900.3004	542.9066	275.9079	858.7677	652.3046	750.3368	1122.574	941.7984	997.2176	883.4797	744.7409	901.877	997.2176	749.8532	922.5025	1079.142	775.6832	993.1872	
CUST_1777_PI429010886	N10674	0.042994101	24	15	51011534	60S ribosomal protein L7A [Ixod	Protein metabolism	Ribosome biogenesis	2.33E-90	36724.45	46674.67	37632.98	35738.11	31967.8	33838.77	48252.93	48847.04	45257.85	43701.56	32639.19	32184.55	40915.77	38228.71	37427.64	53496.25	43701.56	53191.72	43280.43	46458.58	49895.87	36571.4	43090.8	36802.85	40757.76	45502.32	46458.58	
CUST_219_PI429010886	N2802	0.042994101	24	3						21758.66	65.72115	18026.32	19237.66	15798.02	23739.57	124.0306	412.1414	151.5648	25403.62	17623.06	30447.23	16151.95	9759.347	22598.48	13.67711	9.362392	132.6978	185.5629	733.2499	186.4449	19791.01	4628.184	16847.05	898.0277	2981.297	3336.354	
CUST_221_PI429010886	N2818	0.042994101	24	3						21834.29	68.24011	15900.37	19387.17	14922.71	24659.23	121.7958	429.6749	184.3858	22598.48	16954.37	34620.42	17167.45	9954.878	20968.09	17.85411	15.97824	125.3097	183.9085	766.3188	216.8711	19195.08	4427.539	16726.21	1008.859	2871.837	3654.032	
CUST_1011_PI429010886	N8213	0.042994101	24	3	260791876	hypothetical protein BRAFLDRAF			0.000000269	2090.105	17.53224	2079.426	2580.428	4358.067	3728.752	35.08331	107.5871	39.74479	575.2243	4027.931	4211.995	563.1838	4548.63	5357.194	10.99438	9.735966	16.96963	39.38869	205.9794	58.99377	1020.798	503.5534	1037.623	28.22301	282.3692	155.6009	
CUST_47242_PI429010886	M75323	0.04299469	21	0	321469983	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	5.75E-61	249.928	209.6366	269.8812	143.2259	108.5947	132.8402	168.0725	172.4491	170.3275	178.863	124.4149	255.7585	106.529	90.00835	106.0765	191.4096	187.5559	275.7417	201.983	111.9766	239.1584	156.5986	267.8251	317.2644	143.7425	157.2569	159.1592	
CUST_15993_PI429010886	N35473	0.043005804	24	0	546674966	hypothetical protein D910_0364			4.69E-25	150.9904	275.5152	165.1445	149.2467	158.9628	161.2169	157.0532	228.4093	162.7602	142.5367	151.3538	172.4755	142.7301	142.9419	115.6261	167.5398	244.8878	218.2926	160.5879	162.4812	147.4173	163.3155	177.7281	193.8172	197.796	199.2487	209.031	
CUST_39767_PI429010886	M44196	0.043037474	21	6	151419548	Hordeum vulgare subsp. vulgare	Protein metabolism	Ribosome biogenesis	6.6E-67	235.738	278.1702	217.7635	268.8247	254.714	238.3483	255.2315	244.7879	318.1938	325.1203	202.7113	195.8784	211.1406	188.2081	177.7281	279.6157	192.8085	194.7406	267.4596	145.5847	221.4635	290.6243	200.1232	231.7623	294.6196	239.6808	214.2511	
CUST_5870_PI429010886	N19316	0.043039254	24	0						27347.94	30965.56	25611.3	26740.38	19960.25	19052.86	18673.37	28306.31	22847.77	19738.31	20913.02	20434.9	23820.74	15585.38	22777.74	21177.49	32064.51	20913.02	21177.49	19341.82	18613.15	23820.74	19572.59	24426.06	26891.88	24341.41	34065.02	
CUST_15181_PI429010886	N34144	0.043064944	24	9						21.70341	7.651711	5.648752	21.80903	24.40118	19.38793	14.36388	21.96186	35.71025	22.96723	46.75132	NA	51.39588	14.53618	8.086218	14.36577	32.42666	5.075019	29.04786	6.170982	8.866716	21.30308	10.34053	7.496542	14.88508	12.20542	6.583562	
CUST_10988_PI429010886	N27095	0.043129347	21	9	530607984	PREDICTED: DNA polymerase ep			2.45E-21	5.13998	11.19641	6.

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_48658_PI429010886	M81499	0.043516913	15	6						30.89406	29.29782	32.73039	37.77999	34.22563	32.89225	34.20583	36.71405	44.04068	36.8117	26.36289	32.58867	41.62236	35.5871	30.9114	33.18448	23.76317	45.26784	39.36134	35.0318	39.66978	45.28285	42.71301	40.19489	39.20049	39.44209	41.84717
CUST_33992_PI429010886	M8448	0.043529751	24	0						54.66763	63.85058	39.05992	33.96811	45.3971	62.66376	36.30672	40.11539	28.95229	22.68453	24.26872	26.21426	12.60992	39.5247	13.63196	48.82419	98.43645	62.338	29.60455	78.4622	31.85591	40.26043	31.41902	29.71228	71.28516	141.2321	15.64744
CUST_50703_PI429010886	M91027	0.043538976	24	0						4.174325	11.54238	7.359305	8.469765	NA	12.50022	12.94612	12.11179	3.68582	10.44258	7.359305	8.469765	NA		0.164016	9.106580	10.98749	12.39327	3.181294	4.293487	8.613517	8.855421	10.85699	12.52789	7.2605	14.99981	
CUST_29676_PI429010886	N60331	0.043559603	24	3						118.2919	4.875232	94.51495	165.2118	139.4307	207.5719	NA	6.060179	7.891867	88.83368	78.94493	101.0612	37.27454	105.4292	101.6655	NA		4.272815	5.434281	14.65575	4.864276	71.81502	26.72462	29.6222	NA	9.89934	9.854974	
CUST_46042_PI429010886	M71163	0.043581882	21	0						49.25099	51.10469	67.02911	49.89252	32.44579	47.83813	42.44693	42.5482	30.21523	53.52013	32.91482	55.98105	50.8307	37.40246	56.99251	43.34823	54.43474	34.54667	63.91561	39.54727	44.65936	64.39267	52.63501	61.03917	64.61049	45.80468	30.56155
CUST_6389_PI429010886	N20038	0.043581882	24	15	321464750	hypothetical protein DAPPUDRA			0.000000696	263.9286	342.0443	345.4356	254.9746	211.9713	207.2425	346.3619	290.3235	368.5924	309.132	280.4572	289.2307	388.2211	243.1406	260.557	338.5986	400.7915	434.5642	323.2204	318.6428	450.1126	291.3655	327.3954	401.9784	319.3342	267.6739	475.2146	
CUST_14672_PI429010886	N33268	0.043612863	21	0						99.03286	36.87147	72.06126	51.52222	46.99801	47.18014	32.23579	42.96134	27.02687	33.09951	29.04471	41.73602	46.9602	28.05953	31.99902	24.66829	4.83359	29.65224	19.6697	69.23652	48.18114	63.92344	42.37791	62.45522	20.13304	15.18833	21.33758
CUST_1229_PI429010886	N8937	0.043619888	18	0						137.7644	123.8331	118.606	130.1528	66.19633	59.67994	123.0482	70.01129	34.44933	73.06306	55.57314	90.05411	102.608	101.0257	74.97441	60.57425	20.44736	126.2717	164.4418	115.3572	121.718	155.4749	63.01324	112.5774	97.97101	108.1711	138.8888	
CUST_16123_PI429010886	N35699	0.043621634	24	3						28.8864	9.275544	50.31996	57.72502	46.54974	71.06688	10.78069	13.94762	17.37771	26.71617	53.33381	35.56743	34.30109	13.74572	17.82084	7.323301	NA		11.51199	12.45014	26.33135	5.642491	26.17	12.49542	18.36173	5.536298	18.95217	11.24042	
CUST_2711_PI429010886	N12959	0.043670796	24	15	321454517	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	3.21E-126	511.9251	827.8854	183.3606	170.3943	8.681841	159.5479	163.6628	105.851	169.8611	313.0953	73.12505	163.8654	262.8953	786.6307	96.16362	870.6321	1209.897	716.1458	472.502	254.9324	409.7628	259.9408	261.6417	263.3579	521.3103	677.9076	88.24057	
CUST_12674_PI429010886	N29851	0.043670796	21	12						27.62537	35.54077	39.38571	23.49112	32.98496	28.87134	30.84327	55.60957	37.98691	44.49549	25.9662	39.45708	28.47997	54.87487	49.0091	42.88477	45.79664	50.99975	23.27322	43.38217	33.26038	27.38152	48.39798	42.60412	23.1348	33.59475	40.92146	
CUST_2050_PI429010886	N11420	0.043693838	18	15	71067609	lymphoid organ expressed yello	Protein metabolism	Ribosome biogenesis	1.96E-22	1789.218	1953.31	1589.718	1439.002	1214.037	1311.742	1768.674	1633.469	1348.794	1770.862	1282.861	1297.493	1686.38	1397.328	1250.489	1640.994	2290.485	1951.028	1637.38	1401.718	1582.625	1269.337	1554.179	1333.943	1505.065	1348.794	1534.389	
CUST_8180_PI429010886	N22659	0.043693838	18	9	325303180	TPA_inf: BTB/POZ and Kelch dor			4.49E-32	11.21915	17.29812	9.847206	7.304174	6.73927	13.5943	18.24319	18.94246	12.30813	21.82795	52.90159	11.859	11.75933	14.32943	13.78304	20.2799	16.64745	12.71903	17.00862	18.25109	10.5335	13.89931	12.18717	10.51573	16.542	17.85189	17.17004	
CUST_32348_PI429010886	M3899	0.043707521	24	18	528501428	PREDICTED: transcriptional adap			4.79E-58	51.74535	61.83411	74.5359	44.52224	41.48089	38.50846	43.79783	48.34001	60.74813	50.57112	45.34982	46.43858	44.95536	45.90556	52.05686	37.1975	58.40039	45.69147	189.9176	61.31201	66.83189	46.04292	70.52075	61.92068	81.05496	51.2209	73.60907	
CUST_56931_PI429010886	M114928	0.043712772	24	18						2225.697	3135.16	2826.773	2472.65	1857.76	2028.877	2532.427	2477.377	3159.077	2887.827	1996.997	2512.997	2283.014	1978.294	2297.179	4663.073	3258.199	3924.629	4270.698	2631.802	3660.946	3423.157	2883.204	3492.822	4353.655	2842.045	4072.42	
CUST_37400_PI429010886	M18904	0.043712772	21	15	321477768	hypothetical protein DAPPUDRA	Metabolic process	Generation of precursor metabolites ar	7.54E-17	1293.42	1988.355	1335.991	1200.042	1093.204	1006.38	1127.686	1648.551	1345.742	1495.315	1179.914	1135.893	784.1859	1208.723	847.4628	1680.655	2002.791	2216.187	1299.503	1499.429	1653.487	785.8536	1485.843	1302.008	1092.583	1600.243	1027.321	
CUST_42076_PI429010886	M59327	0.043712772	21	0						340.3327	186.13	329.015	264.8027	280.0406	202.3368	221.2277	194.0105	205.536	238.2083	152.9638	157.5397	219.923	163.3644	189.7707	146.7658	160.7833	156.8658	177.9078	146.129	196.1132	294.8466	182.0698	226.7781	133.1475	136.1215	278.3094	
CUST_3573_PI429010886	N14791	0.043712772	24	18						73.97753	118.1164	91.22586	76.07226	58.21997	67.9004	106.6696	103.1963	79.83656	90.11127	93.93436	103.8305	84.46858	88.4112	75.95345	120.4803	132.1609	91.08467	110.3412	109.9768	78.48989	108.2394	113.1524	107.1994	78.32421	112.1133	
CUST_35280_PI429010886	M12123	0.043718812	21	15	512913325	PREDICTED: anaphase-promotin	Cellular Process	Cell cycle	0.000000798	35.35463	44.04067	52.0138	34.38418	23.27971	21.65776	45.01222	38.61107	41.54672	40.51232	18.55713	28.90914	39.57166	28.50564	40.00526	22.20311	65.7688	58.90806	37.03185	53.01786	54.40508	28.76456	31.06592	37.17924	32.62382	28.89254	27.20363	
CUST_14289_PI429010886	N32643	0.043728765	24	0						240.0325	222.3734	266.4734	182.4721	193.6334	201.8019	155.5483	209.295	226.5403	244.9453	207.8099	125.3559	213.9775	181.4063	220.7089	302.2977	291.2871	273.134	264.5418	193.6334	232.1007	319.1658	209.9842	292.7159	328.9434	247.9707	364.7211	
CUST_22689_PI429010886	N47462	0.043728765	24	18						34.84867	18.90503	24.82867	40.78485	24.47696	26.09025	25.56181	29.58249	30.88358	37.37642	26.78779	38.66676	27.16164	29.62518	23.90534	55.14747	28.91544	35.1142	69.41702	41.57926	40.59088	50.3146	34.46463	51.02849	41.98487	32.20894	43.07828	
CUST_3066_PI429010886	N13725	0.043735365	24	18						252.989	115.0343	326.4068	356.7674	306.1538	23.4616	241.3201	368.7646	627.1961	174.7665	289.2307	164.5342	1010.854	482.7166	162.3594	60.13944	38.15601	45.52154	1305.464	803.738	1124.051	529.7211	824.4785	693.9081	525.9937	369.4099	913.5277	
CUST_7407_PI429010886	N21495	0.043735365	24	15						53.92132	53.612	58.49962	52.45299	33.76876	41.64305	50.95848	33.25164	44.16317	56.38972	38.52366	58.75296	56.01078	46.17368	47.69479	73.46044	64.57877	56.52239	71.56025	38.34449	55.76605	59.62625	49.06918	44.37921	64.57877	53.52013	59.93426	
CUST_26323_PI429010886	N54053	0.043735365	24	21						157.0354	253.8231	264.1326	134.3827	219.2811	170.8146	135.5555	234.2807	227.9494	161.6064	180.3409	210.3322	132.304	167.9694	138.7083	216.1326	327.7409	264.0732	227.3555	220.5798	205.453	205.7616	292.4122	258.2414	196.581	236.6326	274.9461	
CUST_22020_PI429010886	N46279	0.043753841	24	15						436.5051	391.4746	482.0377	384.7267	401.6396	404.6157	429.5829	276.7645	381.849	501.9234	315.4675	527.1701	468.2939	356.871	498.3024	636.3867	511.9251	664.9053	440.1863	248.6058	480.4617	468.6225	352.0796	526.8439	432.5544	307.6702	564.2041	
CUST_34477_PI429010886	M9785	0.043778793	21	15	225718830	PDZ domain-containing protein			5.81E-112	174.7074	348.473	203.1024	105.9997	171.2911	239.7136	192.3094	273.6644	262.2441	158.5985	159.203	98.38918	195.8784	255.3385	182.8511	358.5953	325.2782	306.5038	284.4024	209.7386	235.738	238.8236	230.7682	198.8083	299.8024	236.2759	216.9998	
CUST_7241_PI429010886	N21249	0.043781659	24	0	321475173	hypothetical protein DAPPUDRA	Metabolic process	Other	4.89E-58	53.79961	41.38631	57.64367	50.05302	34.81137	53.39865	39.0193	55.78947	45.98151	40.88497	34.99565	38.60191	51.72314	43.05092	38.13279	54.29543	39.45301	53.37496	51.83708	48.73108	56.04246	48.0397	35.35794	58.01467	50.70213	54.93024	68.64219	
CUST_30193_PI429010886	N61357	0.043782475	24	18	395512599	PREDICTED: long-chain fatty acic	Response to stress	Other	2.66E-20	222.1018	13.09923	13.82436	6.647624	NA	13.48307	18.76106	12.05097	16.83166	9.203065	6.440377	16.01239	45.5523	NA	9.689688	18.81696	21.40258	22.42351	27.02687	23.38956	37.82506	23.91812	13.68729	16.19041	28.81419	21.37846	28.05953	
CUST_2455_PI429010886	N12397	0.043789854	12	9						10764.25	11339.63	8189.692	8061.991	6219.297	5514.378	7497.741	8846.332	6584.064	12836.63	6818.249	8474.042	8669.063	5979.853	7130.037	5671.62	7439.177	6310.155	6744.57	6249.252	8051.463	9179.508	7327.614	9629.338	7643.683	7681.431	9980.233	
CUST_50545_PI429010886	M90219	0.043792998	24	3						6.477013	8.49758	11.65231	14.47877	12.21743	13.79706	31.13895	11.84537	10.13898	12.5832	9.259524	8.5322	11.19238	12.62841	20.32943	5.482539	11.40119	9.542112	9.025697	8.095073	4.325219	10.48651	11.94958	9.239178	6.12072	8.206817	NA	
CUST_45282_PI429010886	M68573	0.043799665	15	12	242008861	phosrestin I, putative [Pediculus	Signal transduction	Other	8.81E-17	33.7853	25.31848	36.37398	21.58672	24.6865	16.98223	13.5348	29.27204	31.67008	29.11747	26.79132	31.4617	43.61505	30.40311	47.22812	44.55836	22.09706	30.89131	24.96813	27.78158	23.6825	46.10518	39.79966	47.19838	31.02035	24.9867	38.09775	
CUST_53181_PI429010886	M100594	0.043800283	24	15						11.66711	9.164016	NA	8.633729	5.841296	NA	26.85225	9.068193	21.22876	47.99749	22.09536	5.594771	4.013646	8.918542	NA	52.11425	21.56157	40.28522	10.85423	16.58793	21.53884	16.91351	NA		10.2893	22.63957	5.37508	7.647383	
CUST_54543_PI429010886	M106458	0.043818658	18	15						5939.375	4482.635	3588.155	5462.129	1765.847	2785.011	8439.929	11643.13	7872.926	8451.427	2461.211	2294.993	6326.89	6240.674	2264.823	15767.9	7821.557	14743.32	12548.11	9819.956	14161.49	5587.034	1113.622	3575.021	9712.243	2283.014	4971.086	
CUST_46465_PI429010886	M72731	0.043821015	24	21						30.53594	30.31994	28.40206	21.01206	25.70122	23.0873	13.6796	25.11323	18.61143	30.91451	23.23737	38.02922	30.31994	20.80428	25.29614	37.12565	28.46788	31.12503	35.57524	24.85437	29.23556	36.32296	28.79058	35.48599	34.86224	16.64948	40.46925	
CUST_4051_PI429010886	N15286	0.043825767	24	15						1152.623	1458.832	1394.635	1188.558	931.8674	1071.049	1245.448	1114.745	1390.116	1545.477	1028.452	716.9976	1326.216	1059.777	1108.146	1321.473	1482.511	1649.985	1683.12	1329.495	1497.856	1392.832	1211.537	1498.607	1728.138	1271.126	1647.856	
CUST_43475_PI429010886	M14164	0.043837694	24	21						50.07055	51.81269	60.18172	77.99973	54.50978	53.98617	45.87769	42.00294	57.22003	61.99865	41.62236	42.72425	53.25197	39.1588	38.37685	68.62585	49.09591	60.12159	93.75176	46.26072	66.6173	73.45313	53.24219	79.82778	97.2956	50.59319	82.52242	
CUST_33493_PI429010886	M7047	0.043858776	24	9	321463241	hypothetical protein DAPPUDRA	Metabolic process	Cellular amino acid metabolic process	4.97E-33	44.05907	44.70872	38.04561	48.46739	56.17586	42.27337	28.84569	52.57814	54.30068	43.24154	108.8194	61.30321	52.49766	48.30191	45.9767	45.94141	62.49633	49.5263	44.20516	39.25729	57.9144	41.20033	42.17431	41.70713	32.12055	35.71025	56.54714	
CUST_52756_PI429010886	M98803	0.043875792	12	6						6.688662	42.53768	21.89409	63.90528	54.30068	NA	803.738	64.42288	687.6817	83.49206	15.66801	34.72341	17.32917	NA	12.43497	26.46184	122.247	75.23071	149.786	47.69014	77.98875	62.74684	61.50475	31.30301	92.35614	NA	81.4582	
CUST_44379_PI429010886	M65757	0.043897456	18	3						NA	17.49602	8.278081	NA	40.09078	13.25797	NA	14.30044	11.16741	7.693398	9.528739	NA	8.375216	19.53383	12.97492	3.224877	11.78821	4.803876	8.953032	6.869765	13.88603	11.61188	22.58797	19.90569	7.000055	NA	9.366695	
CUST_22469_PI429010886	N47086	0.04392922	24	9						146.0664	21.59674	14.33765	165.8977	27.15652	33.24527	123.3207	31.43412	4.405976	181.0435	23.92527	45.90992	131.0883	30.77878	24.6865	32.10443	9.929168	70.86476	NA	15.7745	13.25197	11.81163	4.561895	6.536266	4.36726	37.64058	6.540338	
CUST_27951_PI429010886	N56999	0.043944178	12	0						692.3061	582.3778	540.7576	355.841	380.0182	288.2433	309.5645	431.1432	513.9521	664.2531	424.0822	484.7365	595.447	474.8239	656.9404	459.0911	409.6823	431.346	670.4033	582.785	385.9551	680.5705	333.7805	576.6349	729.1294	396.3607	665.1463	
CUST_26247_PI429010886	N53912	0.043978883	21	0						30.16221	28.2373	38.29909	29.43649	23.68606	19.08041	26.35385	14.99367	30.29264	24.68337	27.15149	17.23806	41.71225	23.49891	18.97317	24.04323	27.56258	28.97725	31.99902	26.30298	24.50546	41.31086	28.45348	37.82047	22.71218	22.18677	30.6656	
CUST_18261_PI429010886	N39454	0.04397912	15	0						305.863	386.9815	10.43122	269.1635	13.01144	301.2002	300.3594	339.1735	128.4629	50.70889	27.7842	29.57648	195.082	694.7413	161.4729	1052.264	713.1241	379.9317	201.4995	158.8243	175.7896	21.06045	344.3047	36.4809	66.02974	198.3111	17.13499	
CUST_34686_PI429010886	M10340	0.043993964	24	15		Metabolic process	Carbohydrate metabolic process			198.2176	128.9542	183.8614	380.1903	52.43098	267.4596	581.1787	1034.581	853.7719	1389.498	745.8583	153.7672	423.936	403.9297	267.7311	2487.704	905.9928	2237.142	598.0964	1031.076	1014.152	912.8746	68.9382	645.7283	1412.941	334.4355	782.9344	
CUST_54340_PI429010886	M105642	0.043993964	24	15	262401444	ribosomal protein rps13 [Scylla p	Protein metabolism	Ribosome biogenesis	1.3E-30	41419.19	50560.8	47342.04	32798.44	37427.64	35305.99	48051.75	52815.17	49649.01	41419.19	34173.92	35305.99	34877.59	38996.88	37213.84	52429.1	54598.59	53773.55	43090.8	49649.01	48847.04	36967.46	44722.61	39540.76	41865.42	46674.67	43955.79	
CUST_54571_PI429010886	M106600	0.043993964	24	15	307214674	Bromodomain and WD repeat-c			2.01E-19	68.07757	69.55765	63.51585	82.31732	38.61632	50.78807	86.45703	50.76484	75.43954	115.8648	53.34499	75.32925	77.51144	59.53613	65.54266	98.8941	83.4747	93.26197	95.05524	68.24011	77.10772	84.24007	55.59367	77.99973	82.7532	67.23484	69.54417	
CUST_37147_PI429010886	M18000	0.043993964	24	15	195424855	dicer-1 [Litopenaeus vannamei]			6.73E-32	29.37306	38.1445	37.96148	23.36545	12.53109	22.54559	47.53117	23.66239	24.7708	41.14942	22.74199	31.24275	42.98408	26.66658	41.33036	43.04131	37.30482	56.69444	40.83466	20.12782	42.86161	48.91741	23.19056	43.43371	37.06217	31.65179	57.60444	
CUST_37527_PI429010886	M19376	0.043993964	24	15	371591197	Euphausia superba voucher 8411	Transport	Ion transport		3528.773	6470.198	3577.841	3558.043	2684.097	2755.522	5048.826	5807.4	4315.085	2454.398	3706.021	2928.861	3580.711	3654.032	3132.033	5921.175	5258.496	5048.826	4207.659	4715.833	5202.819	3277.985	4767.094	3875.533	4554.072	4150.213	4398.359	
CUST_37781_PI429010886	M21548	0.043993964	24	15		Metabolic process	Generation of precursor metabolites ar			701.5555	1069.345	708.7213	669.1662	706.2599	588.164	939.4725	1148.933	905.9928	739.0418	767.6438	411.0555	820.0431	684.1238	698.2425	791.0912	1335.991	1061.537	834.7743	950.0092	948.7571	728.0598	899.2992	772.0259	725.6388	928.898	773.0893	
CUST_38076_PI429010886	M23224	0.043993964	24	21						90.60669	123.7474	125.7133	96.71855	130.3816	119.0143	102.5315	143.3867	119.807	100.6186	128.7173	116.6092	124.2633	119.0771	137.2392	107.8795	145.9253	125.6969	117.9968	143.2785	149.3159	133.2218	163.7578	157.7159	145.4106	145.1769	164.1609	
CUST_46471_PI429010886	M72744	0.043993964	24	15	307205445	Forkhead box protein K2 [Harpe			2.93E-43	11.35345	20.19023	12.48615	11.51457	9.540789	4.00314	12.48035	12.60227	9.546386	13.84198	13.54908	10.70762	12.45442	8.080815	9.935802	20.66717	20.63115	21.66483	9.050429	9.321244	16.58512	13.91758	10.93144	13.7873	16.98898	10.03828	17.53175	
CUST_1803_PI429010886	M11243	0.043993964	24	15	283854611	DEAD(Asp-Glu-Ala-Asp) box poly				1212.08	2663.717	1786.238	1193.156	1253.031	1185.011	1954.479	2061.689	1915.575	1783.882	1460.186	1153.859	1444.129	1221.044	1155.365	2094.993	2998.296	2960.558	2085.139	1575.523	2088.583	1365.442	1491.134	1859.832	1854.805	1437.184	1777.355	
CUST_3594_PI429010886	N14843	0.043993964	24	3	169931080	cuticular protein [Artemia franci	Metabolic process	Carbohydrate metabolic process	5.08E-28	1335.991	219.3222	1179.476	1448.453	2472.65	2348.232	322.0602	515.109	189.5124	991.5499	1533.458	1881.294	1094.513	1329.124	1683.28	269.6374	236.0521	226.4976	252.3	456.2678	259.5151	1284.327	603.191	1177.962	245.4129	725.1557	386.1445	
CUST_4113_PI429010886	N16046	0.043993964	24	15						1711.883	3503.626	2736.432	1843.608	1208.723	1180.485	3327.482	2427.484	3000.392	3132.033	1654.651	1604.901	1996.997	1534.389	1854.805	4159.327	3728.752	4229.758	3397.779	2480.784	3480.931	2475.896	2203.327	2668.728	3895.544	2480.784	3968.622	
CUST_5917_PI429010886	N19375	0.043993964	24	15	156386573	Nematostella vectensis predicte	Nucleic acid metabolism	RNA metabolic process	1.11E-126	335.9787	376.6399	407.9106	308.2886	270.9698	293.2244	495.9709	331.4329	526.1263	466.7106	335.6252	449.0619	431.4309	320.6536	379.0965	573.2384	450.3327	619.843	526.6092	296.2664	477.5471	394.6878	298.3249	461.7785	466.9715	308.0511	543.8441	
CUST_16367_PI429010886	N36116	0.043993964	24	15						14.69279	6.806327	10.9779	7.989246	7.831289	3.668815	14.19525	9.586868	9.492246	17.16838	15.7218	8.834386	11.70064	9.506985	7.910866	17.27059	13.232	19.44404	7.720346	15.57359	19.01144	10.30655	11.54107	16.65157	14.1735	6.935134	19.79661	
CUST_21448_PI429010886	N45241	0.043995682	24	0						114.4277	115.5725	127.9686	93.00549	117.0413	72.12484	106.5519	95.53167	95.06795	93.27554	87.70118	92.18916	140.038	72.24298	73.98792	117.7627	106.2528	98.13418	116.6229	89.35207	116.0445	132.0536	74.12141	104.6784	143.9614	108.5389	169.7003	
CUST_54285_PI429010886	M105425	0.044012442	18	6						5.384644	NA	8.368746	5.458067	21.22392	6.866061	NA	9.609273	25.2621	8.070622	12.42007	5.84695	15.65279	5.390022	14.0591	NA	9.721747	6.96624	4.899473	6.090071	8.581038	12.21582	10.3455	9.207701	12.51522	NA	12.91646	
CUST_50799_PI429010886	M91040	0.044041459	12	3						11.62724	17.5656	NA	22.77027	NA	31.5845	23.64075	16.86908	8.075735	19.87929	7.676016	NA	11.02607	41.6878	20.58397	68.14816	28.6464	25.38551	39.65854	3.923292	42.72823	NA	12.59391	4.342023	9.89482	13.30299	NA	
CUST_24788_PI429010886	N51252	0.04404913	18	0						150.2258	NA	106.4901	54.00791	88.57697	37.93177	11.82584	15.54734	3.479588	4.505044	76.38149	61.95862	40.35645	78.79009	125.04224	23.65067	NA	20.47681	NA	8.875287	281.628	115.0343	14.23208	138.5532	NA	16.58591	24.10212	
CUST_24985_PI429010886	N51588	0.04405011	21	3						17.40265	7.542058	17.33156	28.76456	17.85411	17.88341	17.05701	13.32969	14.96774	18.65471	6.525596	10.60534	5.949518	7.373784	11.91165	15.47323	NA	19.14658	21.29142	11.01879	10.74067	13.63522	20.04802	7.103758	17.41782	15.33433	23.56315	
CUST_55010_PI429010886	M108401	0.044060803	24	15	291232794	PREDICTED: predicted protein-lil			1.21E-10	589.5468	1314.736	929.9574	795.9001	922.5025	733.4921	1239.555	983.3131	1018.186	971.9693	1029.68	823.7754	1179.914	1076.368	814.3635	988.5868	1575.523	1352.068	1265.639	1022.285	1348.208	981.1472	1273.044	1198.216	1286.883	1221.044	1303.295	
CUST_33780_PI429010886	M7873	0.044072857	21	15						377.6097	1293.42	142.0601	539.4622	77.05387	481.7121	1019.654	805.8552	376.2092	536.9014	392.4757	144.1303	647.2976	660.9643	452.5351	1871.7	1532.345	1520.832	590.8215	147.8425	523.1285	220.7429	802.4687	180.8452	507.231	505.369	66.68058	
CUST_27148_PI429010886	N55525	0.04407606	24	0	488520803	PREDICTED: zinc finger protein 7			4.02E-40	99.80727	114.2182	117.6349	109.4578	100.4112	85.80718	121.6025	104.9226	96.10147	88.91387	86.48763	65.24075	124.7912	108.8657	77.61728	109.2822	60.49503	116.3062	135.0936	115.4302	108.6739	143.8832	109.5188	105.7387	146.1482	120.6137	130.1383	
CUST_44269_PI429010886	M65455	0.044099976	24	6						99.46029	124.8855	18.23229	54.76807	62.88893	87.08887	199.6163	150.2498	95.54211	150.8908	85.82929	70.5683	90.69879	61.51056	77.53014	157.9625	194.5781	126.9105	70.3428	54.83219	56.11745	61.70126	42.3598	48.4991	119.1111	111.1891	16.25246	
CUST_38089_PI429010886	M23283	0.044142579	18	6						186.5755	360.6967	233.7126	215.9178	184.9936	55.65872	405.1953	397

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_17902|PI429010886	N38799	0.044645816	21	3						21.45343	22.32375	20.13887	31.05581	24.64222	16.23741	33.73205	10.53608	20.07037	24.94507	11.33713	21.9708	17.96997	16.5389	18.4638	16.65836	15.29246	16.98717	21.21056	19.34106	21.53519	29.90099	19.43327	24.62618	33.37664	20.39286	19.90276
CUST_4431_PI429010886	N16740	0.044667086	12	6	310693525	truncated cathepsin A [Eriocheir	Protein metabolism	Proteolysis	9.57E-10	11.2206	NA	NA	14.41667	NA	12.86873	356.6056	NA	268.3647	44.17172	24.4665	NA	13.82118	41.56856	15.88592	33.03103	NA	31.41902	431.7294	622.5028	1425.394	72.06126	NA	56.97991	158.2614	23.86617	171.1268
CUST_3895_PI429010886	N43783	0.044691453	24	6						33.82382	33.1609	40.2126	51.44117	32.40814	37.62384	72.4004	101.0339	61.80424	45.76721	27.09821	34.13078	30.42951	60.0126	30.86801	34.99549	153.0882	20.82181	31.85591	31.79774	8.575367	52.67255	22.71469	35.95603	21.89139	53.92132	18.35988
CUST_53734_PI429010886	M102977	0.044714259	15	12						24.06897	141.1345	22.38325	74.76519	6.677561	77.76407	163.1533	124.1767	24.38824	293.0253	129.5473	113.4137	312.4862	27.33153	352.3291	277.4142	351.2785	354.2621	52.82485	12.36294	59.57649	108.0539	29.03961	97.91705	481.1533	357.4621	22.23218
CUST_26284|PI429010886	N53981	0.044718855	18	3						257.956	8.74922	291.3655	338.8265	417.6111	433.4692	19.82326	48.19549	114.9073	312.0575	715.2101	424.3124	464.5257	357.7827	462.0354	8.282821	3.123332	5.67819	62.3254	97.20086	117.2201	364.3837	447.0887	595.6417	157.3439	234.5996	321.4419
CUST_47754|PI429010886	M77475	0.044721929	18	15	291228352	PREDICTED: CDC42 binding prot	Signal transduction	Intracellular signal transduction	3.2E-21	16.65157	27.20363	31.14331	10.31356	8.880632	13.00372	18.51954	13.08993	16.33412	19.86967	11.79955	26.805	19.56944	17.03783	11.58271	15.63819	30.19163	33.10297	17.5198	16.00795	34.74447	9.359931	8.822371	21.56676	13.46872	13.61444	31.15138
CUST_50568|PI429010886	M90299	0.044721929	18	3						233.4998	121.1643	289.0575	309.5645	168.3685	297.6356	104.7454	128.5824	126.8958	199.3483	186.792	156.4112	192.8532	118.4277	198.3111	103.3596	158.518	135.3782	140.8769	129.9419	156.394	342.9247	222.7682	350.7074	128.5165	158.9424	196.526
CUST_9821_PI429010886	N25254	0.044752872	24	3	196004883	hypothetical protein TRIADDRAF	Metabolic process	Other	3.43E-72	95.26274	112.5405	72.19272	99.88608	214.5942	176.8903	86.54102	125.8242	91.50373	74.93498	148.4641	104.0048	90.66543	141.1475	137.7481	93.3967	139.1998	84.93839	77.50089	71.23242	66.21459	55.50618	100.315	46.01666	67.54737	119.7806	56.65739
CUST_38404|PI429010886	M26287	0.044753553	24	18						1918.312	5080.07	4467.089	2883.204	1823.25	641.9649	5284.133	5317.598	8160.518	4130.841	1829.191	2216.187	4027.931	2335.81	1275.515	5162.169	8736.825	7912.634	7111.995	5415.358	9500.977	2753.439	3675.29	3660.946	5769.472	3368.791	7021.693
CUST_47133|PI429010886	M74910	0.044753553	24	18						10727.23	18117.06	10987.48	10795.65	7497.741	8547.585	17088.5	13591.98	15900.37	13761.91	8984.262	10374.24	14703.33	8786.531	10053.8	19052.86	16348.66	16070.74	19791.01	14071.14	16553.17	15170.38	12921.27	14224.28	20059.08	13716.26	16035.79
CUST_52282|PI429010886	M96949	0.044753553	18	15	42765749	Armigeres subalbatus ASAP ID: 4	Cellular Process	Cell death	2.91E-66	9980.233	13559.72	9759.347	8945.499	6276.978	7531.236	13685.2	11206.93	11264.76	10532.72	5814.883	1870.445	9578.799	7966.321	6116.36	13962.41	13098.74	13988.25	10394.61	12141.91	11719.99	8644.801	9516.402	9129.704	11552.67	9578.799	9550.071
CUST_6527|PI429010886	N20217	0.044753553	18	15						1934.597	9516.402	71.47305	2012.206	89.76139	1678.527	9067.463	6233.119	448.6833	7232.62	3297.935	1247.935	7886.969	2345.461	5292.711	12605.8	14670.24	12807.83	4190.519	229.7888	3472.797	2045.264	1840.408	1978.294	17453.24	12921.27	38.30668
CUST_27118|PI429010886	N55473	0.044753553	24	12						65.08782	75.46497	81.51736	76.79923	74.01825	73.11579	79.38788	89.65818	77.24207	88.09968	71.3958	80.76921	112.8764	87.16322	131.1039	114.952	86.68025	107.2724	83.62172	65.92209	81.4132	101.2925	88.10909	116.8623	95.54211	56.11275	101.3206
CUST_6764|PI429010886	N20569	0.044765611	24	18	46849491	glycinamide ribonucleotide synt	Metabolic process	Nucleobase-containing compound meta	6.98E-112	95.09356	171.5864	161.7701	119.6201	172.9496	59.81752	94.06019	138.4144	164.1132	82.80797	144.7386	67.90691	243.543	182.6769	145.9501	105.1035	91.08467	101.4611	195.9604	234.8735	173.1737	137.6772	328.1119	268.4876	138.6089	115.2656	188.1589
CUST_14457|PI429010886	N32922	0.044780925	24	0						21.85249	27.31739	24.80368	18.61475	20.70448	31.12088	26.67431	23.14891	17.68077	37.94596	14.70794	23.81043	20.97397	9.787245	14.57035	22.59279	24.83681	21.43051	24.23762	18.60577	9.858804	39.24334	21.70341	30.02336	41.31439	23.64075	29.15439
CUST_41544|PI429010886	M57994	0.044782187	24	21						54.74825	48.75822	NA	22.67247	NA	21.47115	84.09371	152.6181	91.6593	6.013724	12.5072	4.609537	14.03518	93.31746	4.647584	49.24543	21.21056	21.08718	42.58958	85.45046	46.30799	NA	216.4739	NA	6.347447	64.56632	NA
CUST_45366|PI429010886	M68858	0.044811857	15	0						23.52214	20.7271	117.7903	9.408973	17.31771	30.23961	14.48048	16.35396	11.26538	24.10826	18.01822	25.30627	23.24733	13.79213	29.85892	27.7211	22.43976	28.08905	23.68893	17.34867	24.35366	18.86717	13.30035	14.71235	31.78112	24.67313	28.0761
CUST_444|PI429010886	N5213	0.044811857	15	9			Protein metabolism	Ribosome biogenesis		216.0939	175.2065	182.3885	128.3075	112.3846	151.5648	215.0091	218.6001	229.2492	181.7506	217.4779	151.8995	232.64	216.7269	200.181	202.3368	155.3198	169.0549	196.526	178.863	174.6338	228.3687	169.0749	227.0582	240.2645	192.2397	277.8871
CUST_3025_PI429010886	N13726	0.044817344	24	18						132.1609	90.15984	140.4803	252.989	209.9538	7.18431	165.1857	127.3156	298.8084	118.4961	56.59026	132.2346	439.1006	225.0517	85.59262	47.69014	10.62276	36.16824	606.1742	297.7548	611.3316	504.902	457.222	242.1801	251.2413	268.9316	484.8494
CUST_48286|PI429010886	M79669	0.044823262	15	12						1934.597	9516.402	71.47305	2012.206	89.76139	1678.527	9067.463	6233.119	448.6833	7232.62	3297.935	1247.935	7886.969	2345.461	5292.711	12605.8	14670.24	12807.83	4190.519	229.7888	3472.797	2045.264	1840.408	1978.294	17453.24	12921.27	38.30668
CUST_20340|PI429010886	N43268	0.044821544	24	18						5.521695	22.89867	30.57991	NA	NA	5.999572	20.62243	26.70669	36.52621	10.35301	NA	7.359305	7.462458	7.367001	12.55197	9.42062	NA	12.20921	51.81869	72.57836	52.44267	43.12031	9.537706	30.33321	39.93436	15.23659	45.97159
CUST_53024|PI429010886	M99796	0.04482408	24	0						34.49684	26.57765	32.86579	28.7956	18.93459	14.83032	34.70595	16.44507	25.87711	9.745235	7.832139	22.86698	12.46897	15.6875	26.71901	18.02618	32.75387	22.87315	16.38688	12.11428	11.15163	19.35718	37.27103	26.09836	27.83932	19.64801	26.94025
CUST_1753|PI429010886	N10610	0.04482408	24	0	321477153	hypothetical protein DAPPUDRA	Metabolic process	Other	9.73E-29	35.40841	31.02469	31.88585	32.44868	35.28538	28.37038	43.92043	13.29205	26.31789	29.27528	28.73586	24.2121	25.82769	28.99304	21.27028	4.873307	36.85195	16.30712	34.28997	31.04885	19.11201	29.45413	28.19779	20.44056	37.8045	34.40862	29.73756
CUST_51382|PI429010886	M93331	0.044832657	18	15						13.65032	11.84234	13.96585	16.27655	3.445979	10.33158	17.65737	11.60345	14.9267	11.18434	6.19314	9.622741	14.27815	13.57805	16.11868	19.43327	19.5898	21.81393	11.24535	8.685434	13.30299	15.94507	7.789818	8.196534	10.60676	13.39103	10.62571
CUST_32301|PI429010886	M3741	0.044840109	24	15	345494512	PREDICTED: hypothetical protein			1.97E-64	19.28668	32.3516	29.51262	19.51852	25.50686	24.20903	18.55929	19.62692	33.95212	34.08118	27.49895	23.52214	21.64956	26.09525	27.1479	43.97459	32.82562	35.88985	39.16223	27.30898	30.27748	27.25852	36.38725	29.65224	33.12802	30.14473	43.02903
CUST_31078|PI429010886	M649	0.044843366	24	15	321473292	hypothetical protein DAPPUDRA	Metabolic process	Carbohydrate metabolic process	1.41E-57	149.1772	314.7154	178.6979	155.5241	137.0769	162.2564	247.3301	233.7667	211.588	201.6588	160.389	190.0624	171.6359	175.9101	145.6152	290.8608	332.0817	326.0295	223.8638	202.6489	204.4319	148.6649	195.4747	175.4084	210.2979	203.0356	189.8339
CUST_2084|PI429010886	N11532	0.044843366	24	15	242013853	GMP synthase, putative [Pediculu	Metabolic process	Other		85.63473	221.8149	159.3992	132.9149	125.7133	127.3506	156.4627	197.0196	197.4942	156.493	170.8146	125.9947	170.2707	145.7532	138.6089	174.7345	205.95	202.7719	156.9414	173.9585	189.9176	149.8871	134.6107	166.838	167.7963	152.4015	180.7742
CUST_8122|PI429010886	N22564	0.044858065	18	6						228.8663	503.3681	333.5586	581.8311	307.6081	149.1509	404.7001	559.4339	641.7824	744.9105	267.1988	376.9694	724.186	449.2725	231.097	230.9748	649.314	331.4329	324.6618	203.3258	213.0483	307.2712	556.6392	476.9732	560.4998	445.8569	827.5626
CUST_7819|PI429010886	N22127	0.044862224	12	9						51.80267	8.613517	17.80998	202.5815	34.59167	51.56856	18.82499	55.08315	24.21718	307.4677	273.9926	268.0924	123.6404	110.7454	14.0177	NA	NA	4.738854	38.44506	63.65381	19.98797	187.3112	167.4144	328.7563	7.777922	421.7429	42.26354
CUST_205_PI429010886	N2481	0.044865708	18	15	270010491	hypothetical protein TcasGA2_T	Metabolic process	Carbohydrate metabolic process	6.87E-15	3324.822	5847.84	3936.583	2584.904	1406.008	733.0037	3145.521	2445.736	3792.758	2889.672	913.1879	1638.477	3379.597	1514.569	1666.041	3688.899	6109.222	5420.715	4445.119	3371.075	3182.56	2738.485	922.1615	1673.566	5073.866	1230.895	4305.784
CUST_34897|PI429010886	M11019	0.044884012	21	18						8.692858	10.8869	15.98012	8.293234	2.98891	4.753931	NA	0.363307	NA	12.08661	7.429163	NA	7.972458	11.68791	9.17267	5.519067	12.01165	11.13904	10.07008	11.09925	10.86595	9.796996	11.05843	12.32049	6.563887	4.134971	NA
CUST_52374|PI429010886	M97230	0.044901979	18	6	328793097	PREDICTED: GTP-binding protein			6.45E-14	5.70609	NA	7.794152	NA	9.772857	10.02234	13.3556	8.126376	11.91866	9.157379	NA	9.155794	12.876	12.82717	14.23378	8.212284	12.38261	5.903147	10.441	8.741642	7.954685	17.28228	12.96601	8.746049	11.65887	13.17346	18.39792
CUST_535_PI429010886	N5879	0.044914884	21	12						863.266	3062.683	NA		1632.718	152.1662	1170.327	11076.77	6688.584	2506.266	3168.826	1013.822	1416.053	14218.13	3895.544	8175.098	1671.759	6696.753	1698.955	4690.093	209.3429	3022.554	778.2044	12963.97	1047.139	1211.071	1387.245	1157.025
CUST_40249|PI429010886	M52111	0.04495255	21	3						5.179428	11.03537	6.993373	30.31506	NA	14.61885	15.10343	6.083044	NA	8.009934	11.16309	3.773992	6.897646	NA	9.633908	7.359305	NA	4.331335	10.83233	8.865478	3.446858	7.773983	NA	11.0388	NA	10.83965	
CUST_44863|PI429010886	M67246	0.044954528	24	18						4.556207	14.2685	7.556774	6.397769	4.021723	28.4851	10.92971	5.516194	NA	NA	8.660447	3.752509	7.264645	6.230088	7.69611	14.40825	11.65405	15.43437	10.21326	11.61875	13.84416	9.044852	8.104424	10.04676	6.606839	NA	
CUST_42426|PI429010886	M60250	0.044963613	24	0						362.4397	417.8265	373.2381	361.8298	292.95	305.3804	401.9784	352.3291	358.1637	398.4892	227.4234	345.7435	318.3284	277.5468	289.0575	410.4537	361.0483	384.6227	316.4278	319.7298	395.5893	357.4621	358.5218	335.8993	410.3258	343.7299	449.3664
CUST_53536|PI429010886	M102154	0.044993826	24	15						1241.315	2512.997	1306.13	1588.642	1089.56	1293.784	2201.915	1759.396	1760.199	1982.92	1540.275	703.1577	1936.909	1307.951	1486.662	2618.303	2965.89	2551.022	1561.658	1416.762	2076.904	1320.156	1559.979	1674.551	1969.061	1470.868	1649.981
CUST_31537|PI429010886	M1775	0.044993826	24	15	321463210	hypothetical protein DAPPUDRA	Metabolic process	Other	3.24E-92	778.454	1202.808	847.4628	829.1725	686.8238	695.8214	981.9828	1005.944	1004.862	996.3906	789.8715	700.359	905.3835	733.7832	726.2724	1033.621	1125.978	1122.961	866.8631	833.2103	1037.623	787.2783	922.8654	946.5528	820.3087	839.3829	1025.772
CUST_31707|PI429010886	M2213	0.044993826	24	6						44.97817	84.83411	60.43767	56.50326	73.57016	28.482	50.52783	100.5377	85.77379	47.91548	31.20454	55.61954	42.27337	97.72445	45.9872	31.4617	38.93222	29.9505	41.72041	24.79	14.56607	66.76294	53.07683	64.2561	26.9815	29.68598	14.1735
CUST_38909|PI429010886	M31896	0.044993826	24	15						769.8174	1558.626	1162.935	898.3377	796.2861	744.5255	1170.841	1617.033	1398.059	956.4678	1177.475	891.7043	786.9042	916.1745	1046.212	1292.915	1993.835	1534.389	1071.939	1171.488	1460.387	997.9064	1671.759	1154.406	1012.891	1145.735	1153.203
CUST_39850|PI429010886	M45683	0.044993826	24	15			Protein metabolism	Ribosome biogenesis		9313.798	10127.21	8474.042	8474.042	6051.213	6688.584	13935.1	9999.789	9999.789	10193.49	6285.074	8378.475	8786.531	7111.995	7673.313	12991.27	10999.91	13837.12	10017.83	9211.498	10764.25	8605.765	7861.824	9142.021	10232.82	7983.519	10408.52
CUST_40771|PI429010886	M56049	0.044993826	24	3	321456662	hypothetical protein DAPPUDRA	Protein metabolism	Proteolysis	3.11E-73	198.7781	15.31282	158.8716	99.37198	718.4732	598.2839	24.84254	24.41801	30.56946	8.252165	635.4957	949.2292	7.747958	567.3781	442.7601	6.285156	12.59509	7.676016	20.1119	35.02468	17.48425	32.8145	37.48234	4.829023	9.504797	25.19867	6.68051
CUST_1615_PI429010886	N10241	0.044993826	24	15	321479460	hypothetical protein DAPPUDRA				444.9419	985.0577	768.539	435.731	471.601	408.3889	712.4529	839.7101	960.1156	710.4288	589.5468	635.4957	653.3386	548.75	565.9653	811.6064	1197.753	1017.256	738.0615	692.3061	831.3637	652.1093	700.359	739.0418	710.1661	632.6818	830.4195
CUST_2479|PI429010886	N12471	0.044993826	24	3						56.39944	62.25184	61.78991	55.93542	73.39156	76.82742	57.3802	83.09656	34.98836	33.53007	42.86666	75.2384	61.68952	30.11519	47.66075	42.26148	36.09484	22.54343	36.44966	77.31152	53.48046	50.53473	49.4765	36.09076	46.38013	59.45185	42.24367
CUST_4626|PI429010886	N17159	0.044993826	24	15						956.0225	2249.486	1118.139	958.1681	663.1483	670.1687	1572.421	1303.86	1310.327	1209.443	819.0741	947.376	1228.382	906.4938	865.141	1613.784	2206.592	1926.392	1279.64	1322.312	1376.514	960.1156	1123.543	1088.703	1519.636	1172.651	1447.815
CUST_4919|PI429010886	N17787	0.044993826	24	15			Protein metabolism	Proteolysis		27.31402	41.50445	40.65182	21.6346	14.61224	19.24962	35.83737	55.47729	28.85937	29.76995	40.57567	20.57275	35.65021	23.7799	27.49895	37.9964	41.86801	41.69222	34.70197	30.93842	43.06564	22.855	42.74631	46.98969	33.34145	21.39999	36.1335
CUST_5949|PI429010886	N19416	0.044993826	24	15						302.1401	548.1274	393.4684	339.3438	294.5533	280.9343	381.3569	455.6054	401.2544	397.4943	309.9865	418.2862	377.8683	321.2836	312.8082	418.2862	710.1661	594.0785	391.7638	407.5835	437.6531	363.5741	391.5717	409.3888	413.3986	380.1903	441.7626
CUST_8802|PI429010886	N23615	0.044993826	24	15	260781495	hypothetical protein BRAFLDRAF	Nucleic acid metabolism	RNA metabolic process	1.2E-41	114.6133	302.9977	167.6755	106.7562	102.1483	93.80651	166.4755	201.8882	158.6448	168.2866	134.8108	125.6969	140.9588	138.2078	118.8951	171.5864	265.6845	271.5356	145.8855	164.6589	197.9185	136.9442	139.3917	156.2876	177.7913	148.5291	175.0235
CUST_9001|PI429010886	N23915	0.044993826	24	15	157167925	2-deoxyglucose-6-phosphate ph			6.22E-64	131.0082	253.6231	169.9145	110.6819	121.9822	109.8814	221.1981	206.1814	186.658	146.3771	166.5285	134.9856	117.6781	197.0196	125.8966	195.4372	234.9137	255.7585	165.0428	191.6575	209.1018	122.8381	186.3368	151.6954	199.2156	178.1189	166.8948
CUST_9261|PI429010886	N24331	0.044993826	24	15	321459202	hypothetical protein DAPPUDRA	Transport	Ion transport	3.25E-38	187.3503	174.172	144.3651	140.387	100.9815	127.9862	269.6374	175.9965	186.9529	246.8683	132.2008	199.6163	220.2176	107.1994	149.2467	283.4149	188.9036	259.675	212.6443	138.6868	213.1202	209.2118	135.6132	190.3933	224.8574	153.0228	202.6223
CUST_15317|PI429010886	N34390	0.044993826	24	15	240849637	translocase of outer mitochondri	Transport	Protein transport	1.02E-11	737.8151	1475.969	841.994	702.7679	680.5705	554.8747	1355.196	1268.665	1091.098	1103.344	642.7419	743.3385	805.2136	720.5302	833.5137	909.4866	1585.44	1408.778	932.1979	1029.68	1157.507	765.7762	673.8771	923.4428	883.4797	854.7576	976.531
CUST_18379	PI429010886	N39078	0.044993826	24	15	321475128	hypothetical protein DAPPUDRA	Metabolic process	Nucleobase-containing compound meta	6.76E-32	210.2979	296.5728	187.2195	151.7575	181.3717	187.0484	264.3178	267.3212	266.3762	217.5757	181.7766	187.6435	182.5355	218.3669	191.5454	238.6788	380.9979	427.1681	240.9827	245.9429	247.1142	210.2969	229.7005	207.0822	265.6961	
CUST_1089|PI429010886	N8455	0.044993826	24	15	242022615	dendritic cell protein, putative [I			3.82E-108	607.3706	1390.116	815.4763	693.9081	830.1589	648.2686	847.8182	1044.931	889.3882	766.3188	733.0037	869.3099	809.8174	790.1557	946.5528	1179.476	1566.672	1677.845	823.5364	801.3203	933.0577	687.2962	832.894	907.1782	818.3565	753.6723	950.7112
CUST_1212|PI429010886	N8859	0.044993826	24	15						2244.174	4134.923	2722.979	2335.81	1676.387	2027.732	3117.642	3235.804	2561.777	2690.376	2045.264	2558.16	2767.762	1994.973	2362.508	3956.525	4211.995	4319.299	2702.508	3039.361	3145.521	2412.569	2775.294	2532.427	3360.114	3062.683	3350.998
CUST_50558|PI429010886	M90272	0.045013923	15	0						115.1501	105.5272	15.93269	31.96971	3.871332	43.5104	69.09764	37.19414	91.22685	18.16767	13.62144	20.32943	21.96936	27.93535	23.76471	96.48781	54.16069	46.95061	58.06369	26.24091	26.70103	13.36241	51.80267	17.66478	18.94465	19.87183	18.1699
CUST_49089|PI429010886	M84026	0.045018301	18	12						97.3611	80.9995	91.6593	101.9985	92.02415	83.54731	91.50373	65.72695	102.9729	138.8001	96.94761	112.1712	141.1162	92.26014	116.4561	126.859	97.59576	98.19279	96.48781	59.53613	86.12428	83.56745	88.12342	107.0618	107.4395	77.5538	100.1424
CUST_24095|PI429010886	N50017	0.04502338	21	6						5.6288	NA	14.16203	4.586777	7.510065	7.768671	8.707003	NA	10.25273	NA	7.768671	5.252307	NA	6.64183	0.044259	4.629057	5.677488	7.427327	3.785653	6.24358	4.60841	NA	7.585969	5.251169	NA	8.586447	9.6069
CUST_9776|PI429010886	N25189	0.045029696	24	3						3629.795	295.4303	3289.37	2940.045	2524.402	2867.707	269.9763	277.2002	123.4012	282.2255	1871.7	2516.066	470.3803	2389.711	3614.192	231.7623	136.9442	186.5169	129.29	199.6837	156.5604	1331.886	121.9201	1251.245	178.0606	320.9643	350.0691
CUST_21655|PI429010886	N45600	0.045043236	15	6						20.3622	7.168799	6.38354	13.88386	11.46799	5.621434	9.165105	31.16363	10.56444	6.364152	9.890547	19.06607	9.280922	7.724427	9.334572	5.332835	NA	9.821487	16.84596	14.04576	12.65302	20.17508	47.64318	17.46154	9.493458	12.92662	9.006528
CUST_37345|PI429010886	M18729	0.045078356	21	15	395853542	PREDICTED: Otolemur garnettii s	Metabolic process	Generation of precursor metabolites ar	7.91E-53	543.3224	942.2704	654.5389	538.3095	696.5086	687.6817	668.297	902.1594	784.4035	574.7506	553.7643	523.0011	671.5725	707.937	539.2249	850.8759	1089.56	1070.493	808.8122	832.328	753.1726	651.9522	780.7545	622.9027	751.2377	772.0259	690.5452	
CUST_39491|PI429010886	M40302	0.045078356	18	3						24590.28	215.3959	22154.05	18235.97	12836.63	21758.66	651.2334	1099.075	551.8317	13685.2	11264.76	16183.31	20501.42	7950.355	14764.65	52.92831	61.78991	148.7099	1048.592	1370.424	1183.911	28492.44	8818.425	22777.74	1542.881	3808.458	4680.36
CUST_3631|PI429010886	N14927	0.045096828	21	15						NA	472.9954	10.209	509.5667	10.71849	411.5622	713.8123	592.5764	26.47878	210.7737	154.9154	NA	1346.991	90.29464	956.8208	553.2936	937.5478	824.4785	158.6925	5.316215	113.5376	NA	13.71572	5.737124	380.4577	280.1957	NA
CUST_52208|PI429010886	M96725	0.045109358	12	6						18.3904	29.5773	29.19296	26.99645	50.66742	33.43626	33.12372	42.74631	46.11055	24.71432	40.39391	31.84882	15.18659	33.56909	25.32432	32.50656	47.13	35.5206	29.15439	37.84952	43.32608	30.56155	48.02557	39.47955	28.02603	36.36523	24.36005
CUST_448_PI429010886	N5321	0.045133764	12	9	7008007	DD9B [Marsupenaeus japonicus]			1.63E-09	250.2264	162.7602	329.4879	295.3036	536.1823	193.4888	38.69008	81.1468	51.53986	122.622	719.258	630.9023	235.6895	540.0952	660.9643	11.6258	57.40298	23.18509	106.3228	66.27041	100.2009	385.0272	659.603	994.565	121.5342	255.0769	416.6449	
CUST_11405|PI429010886	N27756	0.045154938	12	9						163.7578	9.079938	380.4577	610.6881	135.6132	241.4743	62.20434	46.1196	83.91189	858.7677	590.6124	347.8293	151.1207	148.4065	202.9968	NA	5.605713	NA	178.5273	90.42094	107.9605	736.0921	782.6486	397.9972	241.5804	327.6087	433.2807	
CUST_47908	PI429010886	M78121	0.045160821	24	21	270007545	hypothetical protein TcasGA2_T	Metabolic process	Nucleobase-containing compound meta	1.87E-21	18.20871	NA	17.17977	55.09974	29.6948	9.979978	10.5335	14.12309	22.89867	21.87979

Probe ID	ID	p-value	Period	Phase	EBI ID	Annotation	GO category	Go term	E-value	0	0	0	3	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_43633_PI429010886	M63546	0.045836859	15	6						12.34559	36.96261	26.89679	9.890547	18.35318	13.19225	21.21056	40.17351	39.95456	30.7666	11.66013	40.0019	15.70678	12.63962	13.61765	17.83951	13.07815	17.83143	16.03181	17.11834	30.68226	26.22059	25.91577	35.87747	19.99086	15.28234	18.14784	
CUST_21128_PI429010886	N44680	0.045836859	15	12						22.81991	22.24082	30.23961	31.87047	30.48738	28.79058	19.86079	14.16203	14.21299	7.471944	21.67269	22.29988	19.49414	29.23756	40.86304	17.68949	16.96814	23.85395	12.35025	27.68667	20.6563	6.964525	11.58143	16.00437	17.73565	18.85869	18.45165	
CUST_3799_PI429010886	N15294	0.045836859	15	6						101.7726	103.7969	163.1761	180.3948	142.0207	20.68785	206.4541	232.4149	482.3026	70.1726	104.0803	52.68847	301.0722	172.4229	83.10688	31.82049	47.93427	50.0937	281.9365	351.5907	367.876	101.6403	335.2209	354.0991	115.6261	260.2442	469.784	
CUST_16987_PI429010886	N37190	0.045851437	12	0						120.3757	144.1758	156.4627	99.18844	126.9105	109.0861	106.7424	97.65071	101.361	110.822	124.0832	115.908	137.6386	108.1208	88.67629	113.0417	149.9716	133.7779	82.91071	119.9436	103.1504	119.4045	150.4929	144.2213	121.236	141.9148	179.4936	
CUST_43254_PI429010886	M62545	0.045854055	12	0						26.88183	13.46381	17.67979	9.276918 NA		9.565216	3.849491 NA		7.96838	11.73655 NA			11.72346	6.119695 NA		11.45478	12.79947	12.51608	4.798364	4.947042 NA		7.215408	12.42007	8.767695	15.5828	16.0253	5.315529	19.24274	
CUST_13656_PI429010886	N31536	0.045859202	24	21						35.92598	51.05459	45.62734	47.41217	55.57869	32.33214	58.23791	49.25099	71.52252	50.0937	10.63037	26.57189	75.83149	59.51724	39.53461	51.29815	57.53971	53.46841	69.24371	86.46711	59.95532	82.53131	69.95424	67.07909	93.53318	47.36163	74.13678	
CUST_37434_PI429010886	M19015	0.0458665	24	0						9643.272	16035.79	11164.38	10352.54	9923.978	7279.608	8348.895	10664.62	11030.98	8362.147	8204.372	7794.971	9727.143	9313.798	7704.294	11356.17	12836.63	11738.35	7610.57	10485.81	8238.918	9629.338	14548.28	11455.94	10408.52	13616.29	14338.96	
CUST_29257_PI429010886	N59488	0.045900888	24	21						41.11802	51.66717	32.74766	52.05076	35.00336	43.54271	46.67221	39.71647	35.30558	65.45785	32.22003	40.50202	34.22563	42.97495	19.41383	41.93463	7.19184	45.35771	34.03869	44.30249	33.5727	86.24643	52.70059	55.14747	54.0322	47.54634	45.91529	
CUST_47062_PI429010886	M74691	0.045927301	21	15						114.0896	132.4508	124.9247	114.8223	128.5824	129.2412	146.8681	142.2138	147.89	103.9866	170.3073	127.4388	138.9534	135.9752	144.8971	174.6876	171.2731	175.2922	136.4616	123.4547	175.317	135.7428	133.3824	119.2573	174.4941	149.9716	140.5949	
CUST_859_PI429010886	N7593	0.045930191	18	0						877.7497	933.0577 NA			761.8025 NA		645.1212	2014.653	2532.427	1193.156	80.76921	56.32436	6.644311	86.01043	2416.236	62.92982	1426.211	837.7142	475.0917	1411.448	1887.557	1000.348 NA			551.71 NA		129.007	121.2999 NA	
CUST_6033_PI429010886	N19536	0.045941255	24	21						59.58718	40.72568	87.15453	60.35053	27.27615	34.9059	40.991	36.60452	73.41723	63.91561	36.381	58.87393	59.41831	34.18125	40.97117	38.7383	22.29626	47.07501	74.01825	58.30569	74.89382	104.4886	72.0781	92.00118	94.16687	41.54368	97.83763	
CUST_24204_PI429010886	N50225	0.045970515	18	9						10.42463	8.459548	6.844388	8.950493	32.32436	20.53404	11.26818	9.389205	17.97706	18.02618	30.86801	49.05504	9.213352	32.4397	28.20414 NA		24.64222	22.66786	11.84929	6.770096	15.88853	20.94045	22.09002	23.26132	13.64348	12.4383	28.12273	
CUST_36204_PI429010886	M15000	0.045993689	24	15						55.53662	73.84495	64.40257	44.93169	41.57926	49.51848	60.89951	68.48192	71.18104	66.56707	67.41761	57.44712	67.89364	52.86649	55.47226	68.53151	87.72633	87.92365	47.87448	66.49647	59.88723	65.5613	71.75645	68.94498	62.10736	59.94044	71.67272	
CUST_38088_PI429010886	M23282	0.045993689	24	3						1968.185	143.3502	1559.979	1528.323	2047.134	2185.802	70.1867	167.5116	67.33902	509.1116	973.9492	1272.378	509.8873	1362.378	1636.385	127.7453	65.10135	43.22401	95.85439	291.6767	66.31026	816.8898	267.6236	705.8467	36.63348	523.631	96.14621	
CUST_40610_PI429010886	M55626	0.045993689	24	15	242008559	conserved hypothetical protein |	Nucleic acid metabolism	Regulation of gene expression	1.82E-48	10.59156	15.63254	13.02177	8.586447	8.992091	11.25405	17.6101	14.66204	15.28234	11.06998	11.88722	24.69162	15.1083	10.34053	13.26584	26.44115	16.60566	20.74858	20.11384	7.811501	20.84466	16.76557	14.32943	19.34106	20.80025	15.69763	18.99331	
CUST_47597_PI429010886	M76807	0.045993689	24	3						1255.327	1068.26	1326.216	1511.222	1510.508	1319.617	762.8618	1003.255	1009.468	845.2107	1404.695	1373.854	863.266	1263.923	1462.785	825.4048	780.7545	885.5204	1128.705	1043.605	989.4983	1080.903	910.2628	1234.088	886.3549	788.3617	1023.762	
CUST_48769_PI429010886	M82108	0.045993689	24	3						1388.047	1049.887	1311.001	1711.883	1400.583	1549.756	914.5652	1042.247	1066.707	1010.854	1239.086	1368.116	1077.231	1428.28	1457.293	902.4975	949.2292	902.8628	948.7571	1033.621	1067.709	1146.806	1007.214	1248.523	825.0827	882.793	1063.832	
CUST_49686_PI429010886	M86704	0.045993689	24	3						74.39469	8.589131	53.20126	63.51585	105.0258	81.47133	21.39542	32.77297	10.73646	26.97533	41.63464	51.08158	33.2866	60.20446	61.19974	9.841307	12.33142	9.860254	24.79273	20.32291	11.88574	28.88374	29.79027	20.58996	9.791478	58.76838	10.43122	
CUST_8349_PI429010886	N22913	0.045993689	24	15	307190553	Sorting nexin-12 [Camponotus fl	Signal transduction	Cell communication	1.92E-80	343.906	455.6054	357.7047	317.9491	309.6955	322.5903	408.3007	402.436	399.349	403.8629	376.6399	379.3272	364.1244	282.0632	334.719	543.9588	460.1149	547.3976	363.3984	358.6508	381.9172	393.5689	390.6122	427.9123	372.3645	374.7006	445.9579	
CUST_11995_PI429010886	N28748	0.045993689	24	15						1155.115	1198.216	1359.653	1145.735	864.3189	881.8202	1902.67	1327.159	1638.477	1531.626	927.7273	1292.456	1527.348	886.3549	1162.325	1390.68	2335.81	1744.803	1738.077	1038.339	1270.268	1371.161	1647.856	1817.687	1158.005	1021.91	1657.457	
CUST_13642_PI429010886	N31519	0.045993689	24	15	518733169	aankyrin [Allobaculum stercoricic	Metabolic process	Oxidation-reduction process	1.25E-12	60.71646	47.38682	45.40234	40.57567	46.29157	55.74024	97.85715	69.17898	48.23892	73.52981	48.08963	66.40286	60.88384	50.70492	61.4292	108.623	98.03098	84.00818	70.70842	37.51134	73.37425	55.95026	84.50226	54.45775	79.27327	69.31429	76.77599	
CUST_14558_PI429010886	N33074	0.045993689	24	15	380027040	PREDICTED: LOW QUALITY PROT	Signal transduction	Other	2.17E-15	2715.678	3847.793	2793.635	2715.678	1956.496	2057.214	3052.051	2990.827	3264.887	3384.461	2276.393	2761.678	2862.188	2391.051	2408.139	3890.917	3670.22	4295.699	3744.093	3014.898	3048.498	2839.956	3130.289	3558.043	3918.531	2629.319	4097.003	
CUST_26476_PI429010886	N54309	0.045993689	24	15						512.1954	859.7804	587.8441	573.9026	595.0044	516.2255	730.7886	774.7662	662.0947	657.5452	668.9797	759.3274	655.1561	573.9026	671.0624	873.5747	886.3549	1013.387	682.5361	569.6083	857.4356	573.9026	767.6438	720.0128	706.0661	680.2076	756.356	
CUST_56359_PI429010886	M113589	0.046021677	24	15						1008.859	1064.673	584.7373	876.6144	551.8317	650.2714	989.9825	682.1048	729.6122	982.8111	609.0112	733.4921	746.4733	599.3024	400.0672	3921.719	2434.185	983.3131	965.4976	1263.923	821.5501	952.9844	769.8174	963.404	954.137	766.0458	854.1319	
CUST_37923_PI429010886	M22260	0.046028715	21	0						3284.996	3890.917	3033.527	2564.444	1614.735	2072.212	2420.859	2137.853	2345.461	3535.101	2950.533	2424.1	3029.351	2221.308	1785.094	2577.27	4105	3014.898	3267.789	1955.527	2522.496	3786.16	2965.89	4153.924	2835.943	2017.363	3373.758	
CUST_9122_PI429010886	N24096	0.046028715	21	18						108.8657	171.7821	124.8368	87.33081	69.60024	92.01146	132.6978	185.6848	126.4338	88.6413	88.20477	111.1891	96.62834	95.16242	84.63533	152.6181	113.8465	109.1228	127.9102	129.9776	145.843	94.7296	94.52718	103.7909	101.7482	81.85533	98.91443	
CUST_41580_PI429010886	M58078	0.046048725	15	0						23.47009	30.58395	19.58386	22.54848	14.24832	31.96971	33.13955	24.63328	25.55323	9.026741	24.38607	11.12477	15.8318	29.95843	23.28183	34.52717	30.43314	22.82508	30.56946	12.89468	22.75207	20.95138	22.36152	11.4759	20.92431	12.67619	7.504118	
CUST_5740_PI429010886	N19130	0.046060669	24	9	291239181	PREDICTED: acyl-Coenzyme A de	Metabolic process	Oxidation-reduction process	2.66E-159	13.0149	37.88233	19.54174	25.53977	44.05427	28.67152	18.39978	34.78378	33.43972	29.4873	42.01939	24.09442	32.56414	21.7829	38.27077	12.49835	31.66341	19.28269	17.93755	28.40206	20.57977	19.93149	11.22943	19.65508	14.76338	31.97696	21.51378	
CUST_41831_PI429010886	M58652	0.046074263	24	3						121.236	18.64717	98.12003	185.3999	428.2506	357.6352	14.22159	72.36965	25.56932	32.84255	227.0272	260.9827	42.24367	205.0181	234.4388	4.690007	8.11338 NA		NA	62.54833 NA		99.19887	63.42796	66.28735 NA			78.96469	16.87383	
CUST_3994_PI429010886	N15743	0.046117813	21	3						28.03594	20.38307	14.96491	24.36443	24.55123	23.19392	17.08471	22.45014	12.19654	18.79083	36.79887	35.22718	16.81757	29.15166	22.53368	28.4851	13.43624	11.80717	13.79355	15.88592	13.97433	20.62243	20.02186	20.11563	22.05134	29.6976	27.66435	
CUST_47889_PI429010886	M78038	0.046157712	12	0						31.11011	36.24394	32.77639	31.18313	26.91606	34.78378	27.56835	25.59875	25.5482	46.84134	31.43843	22.97146	39.24909	28.88967	26.67431	30.13664	27.89978	20.42168	29.91279	24.00632	22.04447	30.45754	23.74587	29.6976	43.38217	35.11008	29.34349	
CUST_37158_PI429010886	M18035	0.046177828	24	18	380011708	PREDICTED: Apis florea heterog	Developmental process	Multicellular organismal development	1.97E-78	1312.243	2132.096	1851.473	1327.159	1178.539	1005.944	1788.478	1808.449	2440.627	1677.845	1217.388	1177.962	1750.013	1253.748	1288.693	2054.56	2326.394	2416.236	2104.842	1772.069	2627.758	1775.368	1837.894	2147.917	2049.491	1680.655	2631.802	
CUST_14912_PI429010886	N33677	0.046208377	12	9						293.934	125.5101	286.8043	408.4889	127.0936	292.4745	165.9265	135.8226	211.1406	309.4164	664.2531	347.9647	458.147	261.4074	329.8464	192.6977	171.7821	172.5296	269.9763	161.2169	194.5138	322.75	452.142	375.2193	267.3602	306.0384	355.841	
CUST_56384_PI429010886	M113646	0.046264064	18	15	209489446	hypothetical protein Csp3_JD04.			0.000000278	42.19985	47.84693	33.2866	36.828	28.3093	28.45606	52.35798	40.72145	33.85619	45.32861	26.47281	38.40373	41.23205	55.02813	34.36788	43.0146	52.45299	39.13627	36.95845	40.72568	38.43	24.1706	29.31887	38.09775	40.32229	44.06379	25.89088	
CUST_31103_PI429010886	M709	0.046264064	18	15	157104619	heat shock protein 70 (hsp70)-in	Response to stress	Other	4.9E-103	88.06844	79.66914	98.50388	85.5962	58.91249	48.4154	99.93518	78.3726	91.16754	135.0936	60.57425	75.98892	93.83228	58.82275	92.60339	133.3487	106.8262	121.1493	115.3116	56.57489	97.72445	75.36645	76.7599	89.01871	59.82583	120.2238	
CUST_19303_PI429010886	N41347	0.046275814	18	15						13.06268	10.16018	7.909773	14.18163	9.607864	10.18329	11.0085	5.463559	7.026862	9.665024	6.848153	13.60934	18.75881	12.48421	11.28257	14.98899	14.8883	15.14706 NA		5.061979	15.50088	11.0155	5.917822	15.62926	7.903245	6.704581	9.735966	
CUST_11576_PI429010886	N28059	0.046306863	15	0						136.9113	264.9858	230.859	191.7974	88.76092	73.41723	92.27655	74.56881	88.33336	37.73322	198.5315	55.01648	168.6714	110.1325	151.2383	188.0574	243.7665	282.2255	51.02011	273.7566	276.2644	80.03641	97.99445	53.10853	283.2866	103.9519	244.266	
CUST_4394_PI429010886	N16661	0.046314723	24	3						88.27501	7.253451	101.4001	161.6606	351.2785	299.4747	5.910876	31.59503	4.661967	77.10772	185.2774	89.5211	172.1367	74.35557	208.404	12.33142	14.41307	4.568162	6.520876	10.23302	4.961187	189.476	86.23628	127.0936	16.24785	54.344	35.17993	
CUST_6129_PI429010886	N19665	0.046314723	24	15	478253769	hypothetical protein YQE_09353	Protein metabolism	Proteolysis	1.28E-97	251.7468	467.9385	331.9294	378.627	332.3383	358.5953	463.7632	347.1137	392.5562	316.6599	363.4898	380.9979	447.4189	414.6538	413.2217	517.3443	602.5729	509.8873	309.878	314.9328	460.3468	345.5951	425.0628	428.1289	394.0157	368.4918	351.5196	
CUST_49608_PI429010886	M86381	0.046319046	15	9						13.32644	19.08041 NA		10.64699	120.0493	100.0635	20.85338	35.69673	19.8627 NA		38.13647	83.44953	5.508782	21.31707	26.75097	18.57121	12.74848	8.513954 NA		22.42351	6.623584 NA		25.84066 NA		NA	42.3598 NA		
CUST_44344_PI429010886	M65674	0.046338661	24	15						132.5156	103.2053	161.7147	134.1808	113.636	106.9674	135.2901	104.2957	74.70021	164.7136	107.1233	111.1784	166.108	91.76448	136.9113	186.848	170.1715	179.9258	136.1664	103.4638	140.7771	189.8002	128.7298	157.1984	180.8125	122.2305	167.1713	
CUST_38694_PI429010886	M29140	0.046346158	15	12						25.60678	26.51577	36.381	12.31866	9.177369	3.951728	65.71584	21.45593	67.03577	29.77371	51.91074	9.482594	72.72426	40.73959	37.70788	46.33211	28.28634	25.02902	22.5248	8.81061	18.21898	63.55637	35.2239	59.12156	27.5238	3.31859	31.84882	
CUST_34283_PI429010886	M9238	0.046346158	15	12						494.7611	643.8008	524.0943	579.318	433.8311	476.0531	489.4418	538.9124	557.3127	470.1035	584.6183	538.8011	668.1223	531.3775	774.2411	693.1498	570.7447	612.0937	515.109	515.3493	458.5926	738.0615	670.9198	534.1168	629.6411	571.275	657.9421	
CUST_4000_PI429010886	N15757	0.046346158	15	12						110.571	117.9281	108.3364	100.1289	117.3396	80.78521	110.0233	91.95645	126.0081	89.48954	105.6512	134.2942	118.2645	123.8198	129.6027	122.9044	95.33452	149.9518	80.1827	99.52529	94.18113	96.44195	111.6865	140.4625	110.9878	129.6173	144.1943	
CUST_27235_PI429010886	N55686	0.046346158	15	12						31.96971	31.20114	28.03915	21.30308	28.58081	29.71228	40.28522	26.10539	27.69246	33.40515	27.45637	34.14439	32.7919	35.36937	38.23951	50.0131	22.44233	37.34538	27.71183	23.38184	27.17795	46.5095	22.02084	31.81746	43.70979	30.22686	34.98417	
CUST_48817_PI429010886	M82320	0.046351252	24	21						18.42453	14.0733	11.28749	11.27508	26.99645	10.31893	13.92807	12.90521	9.05635	18.7867	4.650562	21.96708	8.748029	11.0285	7.964923	11.54107	18.11022	32.89225	24.66829	15.23659	22.81449	20.93117	23.76684	17.18732	22.4289	16.32398	20.26911	
CUST_45604_PI429010886	M69644	0.046358966	21	6						29.32605	15.66801	6.552316	46.83625	13.764	14.31582	37.00025	27.00709	10.40975	40.90642	15.72542	23.1348	33.6303	12.65578	19.21128	21.8116	8.757129	11.56722	11.9307	10.84134	8.505122	17.17227	11.88722	23.66496	20.39956	11.97294	41.4856	
CUST_15643_PI429010886	N34910	0.046369296	21	0						238.7217	215.5226	247.374	235.1283	229.5682	231.134	252.7366	154.2758	212.9394	231.0435	206.1397	229.1648	231.2123	199.8063	257.7877	207.5176	204.2969	186.2473	169.1953	181.9587	230.4127	305.3135	238.3045	274.6135	265.1693	205.1648	267.3212	
CUST_49521_PI429010886	M85967	0.046391161	21	3						379.7764	344.1561 NA		37.78857	474.9425	626.641	195.8396	1257.92	153.4511 NA		27.25852	25.17677 NA		286.1136	6.881395	48.93341	22.57092	19.37652	15.16581	2451.472	8.012359 NA		458.022 NA		NA	2835.943 NA		
CUST_50263_PI429010886	M89225	0.046448695	21	0						86.28411	81.71011	74.04749	56.98746	79.70599	51.31552	47.60538	100.2539	91.56473	26.88893	72.0781	47.51371	46.38013	67.63278	32.08211	40.78485	73.0471	46.1196	71.65566	117.4793	51.1596	62.16088	131.2558	70.68343	46.44259	117.2637	70.88457	
CUST_35666_PI429010886	M131991	0.046460209	24	21						84.43872	113.222	107.2833	62.94938	80.44707	73.59425	91.53685	91.19639	102.5417	86.51281	75.0097	81.60481	64.6674	70.45711	75.17439	84.04962	127.0106	106.0382	63.61161	78.11382	110.2217	96.49913	81.70111	118.2092	98.24098	96.37995	124.9557	
CUST_51152_PI429010886	M92422	0.046461122	24	18						117.3631	261.0275	398.5909	180.4963	177.4189	175.4398	269.8306	251.7959	280.0406	331.2753	187.5258	280.1957	259.3611	187.6435	230.649	282.0354	325.4289	260.6256	320.4829	333.0262	320.6252	282.4669	256.3549	323.7883	301.4268	254.5455	269.4056	
CUST_38836_PI429010886	M31066	0.046477445	24	18						35607.66	36406.05	53773.55	46458.58	30141.56	9923.978	45257.85	40217.51	60302.68	33838.77	42224.23	28210.59	53496.25	33963.44	34173.92	24909.79	19903.59	29037.53	63683.37	66456.69	80425.69	47123.31	64638.29	72257.2	56938.34	47826.44	85913.71	
CUST_43675_PI429010886	M63651	0.046511592	24	21						142.3635	175.6041	199.116	151.0262	148.0504	96.39493	118.7327	172.3438	199.6163	131.6939	127.7013	173.3624	157.0354	123.7307	131.375	174.8799	188.0574	201.0489	195.082	154.2758	203.36	156.4627	200.6093	221.8495	160.4236	183.1326	205.4207	
CUST_3386_PI429010886	N14043	0.046551131	24	21						7.573217 NA		12.5848	7.436551	3.565038	11.49825 NA		4.083237	3.306465	3.222985 NA		10.80074	4.083896	5.63706	9.225171	10.02094	5.856967	11.17863	5.471154	4.137074	5.029898	20.24751	6.599501	14.32943	9.436321	11.63269	11.80717	
CUST_32675_PI429010886	M4773	0.046566127	15	0						32.26704	30.29561	25.74471	29.91504	27.5238	20.23015	32.38938	21.69939	23.10033	12.39952	13.04021	22.98354	20.62924	19.25145	18.94604	25.50246	20.96118	19.06607	13.09363	24.73949	25.45483	22.4617	22.25011	12.92087	18.57337	17.59796	20.46288	
CUST_40442_PI429010886	N55110	0.046571105	24	21						371.2053	352.7205	500.7179	355.7553	272.0128	476.3939	284.8134	228.9535	341.177	500.7179	262.7505	457.7423	434.1663	335.2209	331.9974	412.8294	404.0425	524.4136	475.0917	289.56	380.9979	616.0609	391.9617	705.4218	352.8279	305.7009	322.1601	
CUST_6391_PI429010886	N20041	0.046583788	18	9	242022878	conserved hypothetical protein |	Nucleic acid metabolism	Regulation of gene expression	2.36E-27	12.30532	8.213544	15.51127	11.60345	10.43678	10.74202	16.04505 NA		11.66418	20.15802	11.30326	18.99331	17.54443	9.92008	15.74279	13.90922	4.514985	17.79195	9.430606	10.53196	9.169725	12.96341	4.84025	15.79305	12.36822	10.77882	16.6131	
CUST_51478_PI429010886	M93673	0.046639222	21	6						58.52453	56.92501	59.11715	52.76213	53.41659	52.84948	77.6897	62.35954	70.42723	57.10693	68.43368	32.64017	60.43161	39.74479	71.62515	50.32489	67.01094	41.77489	49.97848	46.69101	46.46187	52.6471	39.50565	41.11802	101.2137	53.51539	86.85325	
CUST_25583_PI429010886	N52688	0.046655155	24	3						9.726899	4.886621	6.429065	15.31063	17.30739	16.76557	6.189073	7.147875 NA		NA	NA	9.086184 NA		22.42126	12.19342	4.577389	11.4759	4.800498	7.553305	4.547631	4.866986	10.18923 NA			4.49226	9.89934	8.58312 NA	
CUST_13683_PI429010886	N31585	0.046700744	12	0	345306014	PREDICTED: checkpoint protein |	Response to stress	DNA repair	3.4E-15	36.14198	39.43097	22.02956	73.27988	37.06569	28.35837	16.9559	15.93087	7.849927	38.0933	9.63137	30.16221	17.16032	55.8141	33.71712	10.56095	15.94507	41.59688	11.34631	10.83697	20.46701	54.8814	20.9266	18.7288	35.05094	40.67888	36.5095	
CUST_26970_PI429010886	N55201	0.046727564	21	15						24.50546	22.10257	25.50686	16.40108	15.3457	15.92281	26.51854	24.53712	17.85189	20.15147	11.64005	20.30258	26.54949	12.68701	20.62243	24.27393	26.15886	32.0326	18.69379	24.004	15.96647	23.9895	20.67357	12.77277	20.64644	18.06134	17.5656	
CUST_30345_PI429010886	N61677	0.046762287	18	3						92.91315	63.54017	82.1081	68.63358	69.80795	113.6067	29.80233	52.7243	57.76704	63.24067	75.37573	119.807	121.9689	43.40869	133.8226	22.56644	4.997977	25.25638	22.77868	50.17642	49.97848	136.6363	86.36335	100.0635	63.81233	71.52252	99.74451	
CUST_57216_PI429010886	E2530	0.046778109	18	15	195028402	GH21709 [Drosophila grimshawi	Protein metabolism	Ribosome biogenesis	1.08E-13	21224.39	31289.71	23820.74	20320.15	16801.9	16288.46	31206.9	30065.36	27577.78	21113.92	19287.83	22598.48	23324.95	19052.86	20563.31	30065.36	30447.23	33076.81	26299.14	24659.23	23231.4	19738.31	21010.2	21710.8	23162.84	25343.01	26891.88	
CUST_38609_PI429010886	M28513	0.046778109	18	15	270009231	boule [Tribolium castaneum]			4.76E-26	65.45785	97.32812	71.24846	72.70716	52.56738	57.97707	91.10731	95.09356	87.85108	100.0827	45.60384	55.63371	67.68769	71.20823	60.34528	112.0451	100.1918	115.4959	91.87246	66.65338	85.14751	61.34753	70.83005	64.30529	77.00089	84.00818	69.77207	
CUST_13183_PI429010886	N30735	0.046778109	18	15	498965968	PREDICTED: peptidyl-prolyl cis-t	Protein metabolism	Protein folding	2.13E-61	122.4755	238.9099	176.5278	128.2695	105.074	137.2059	209.295	188.7447	180.8125	162.1178	233.6818	105.6058	174.0478	144.2213	145.7157	198.6494	253.1207	242.7012	136.296	166.2093	201.7307	111.1646	169.0985	163.2608	158.2397	170.9048	177.1325	
CUST_39950_PI429010886	M4822002	0.046822002	24	21	121484216	cuticle protein CB6 [Portunus pe			2.69E-12	287.7668	62.74684	253.5698	122.604	3082.237

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_1779_PI429010886	N10682	0.047627974	24	21						240.7581	309.9338	323.8865	286.1798	219.702	291.6767	322.5153	268.9804	261.8228	431.1432	242.4734	318.4002	336.5251	234.7388	236.013	465.024	236.8696	353.6905	387.4512	317.1978	349.8278	529.0583	464.7851	425.4449	349.9023	263.251	385.9551
CUST_3322_PI429010886	N14262	0.047627974	24	21						27.0245	29.9433	39.55139	40.21667	22.87315	29.6741	24.46775	16.67353	24.42377	31.8633	23.775	23.43945	49.24543	15.55124	29.3005	42.9937	25.7879	32.75774	49.51361	24.12669	31.16363	46.02219	34.87919	34.04257	47.55101	26.45917	39.02642
CUST_3330_PI429010886	N14281	0.047627974	24	21						277.6692	287.6196	336.7218	203.4662	239.8775	213.3048	123.0024	197.2974	251.1902	297.8825	281.1928	241.364	333.4754	223.7206	413.6069	351.5196	293.7564	313.6093	316.6599	238.6215	251.6934	414.0319	239.7552	244.9419	399.8777	250.1769	455.7266
CUST_23097_PI429010886	N48249	0.047627974	24	3						33.84921	13.97125	17.3901	24.4237	21.3436	22.4068	14.23813	29.15694	17.44594	28.2205	15.91592	15.95963	18.33509	13.77769	9.036413	12.18717	16.62653	17.72698	12.83829	10.93877	13.65957	26.46408	14.15899	18.29498	15.93995	16.57282	11.13644
CUST_35898_PI429010886	M13846	0.047656341	12	0						763.2886	902.1594	638.3206	713.6664	530.8049	437.0635	434.9251	630.9023	479.6967	576.0861	597.1413	606.3479	646.8706	517.7643	606.7201	503.9395	626.641	494.8296	528.1103	746.9967	373.0445	756.8703	514.9905	700.8468	756.356	581.654	794.6489
CUST_53550_PI429010886	M102212	0.047683577	12	6						4.106595	22.09002	33.95966	4.682893	NA	8.273433	26.24865	40.59456	28.74405	38.293	22.7226	6.476119	6.614583	NA	NA	4.944352	7.804205	7.897797	NA	16.96814	23.37452	NA	11.3602	12.37796	5.856234	NA	NA
CUST_14629_PI429010886	N33199	0.047687327	21	15	345494495	PREDICTED: protein FAM49B-like			2.08E-42	20.86102	33.93799	25.97804	23.76317	16.03696	32.41885	15.9512	14.93713	21.82274	12.4535	10.57851	27.02687	20.79105	25.65567	31.0164	40.73438	25.11323	27.10146	29.00584	13.9779	29.18122	26.61853	27.00266	25.81706	23.97222	20.19611	27.24634
CUST_50158_PI429010886	M88872	0.047735136	15	3						NA	8.416104	NA	7.630778	7.728021	NA	NA	13.40595	NA	5.156846	4.165894	4.886621	6.727557	NA	7.828751	14.00531	6.85944	4.976733	8.564235	5.203747	8.488981	7.294395	10.50491	5.924815	6.578516	4.825812	3.576872
CUST_29622_PI429010886	N60234	0.047803311	18	6	291236607	PREDICTED: zinc finger protein 1			2.81E-22	8.685434	15.99496	14.84915	4.228913	16.29003	NA	14.15703	12.43346	25.09267	14.37116	15.8055	18.30441	4.773427	9.432312	6.68462	10.72798	17.59422	8.41487	11.42048	13.65032	15.2772	NA	20.61917	17.32449	17.12908	14.80209	21.46595
CUST_8111_PI429010886	N22550	0.047820298	12	3						36.87514	39.81401	38.35367	40.4062	47.51371	48.05999	39.61156	38.36376	31.15433	36.54404	43.92787	47.48311	35.35085	46.89534	35.11008	55.69808	44.7597	45.09415	40.1235	38.22258	25.15875	31.69335	21.0238	36.828	35.5871	24.5682	39.42679
CUST_8399_PI429010886	N22983	0.047820298	12	3						77.61728	115.7246	57.25934	72.67801	119.2089	122.0363	101.0612	136.3718	77.03004	68.20088	105.4902	92.56838	75.84873	105.9997	91.20065	134.3368	145.8669	114.1614	87.71525	109.6621	92.11335	54.71691	99.18844	55.88006	70.54441	102.4924	56.61327
CUST_20528_PI429010886	N43613	0.047820298	12	3						9.078909	11.88037	15.14996	13.86535	13.59227	12.78321	9.255882	12.1414	13.31624	7.230351	5.896106	10.31236	16.4194	18.14187	12.06381	15.35298	17.95932	10.74202	20.52286	13.69119	6.783059	7.903245	12.69158	9.01805	14.47219	10.63779	14.4625
CUST_41864_PI429010886	M58736	0.047827036	21	15						82.94083	96.7742	92.83981	84.95059	73.59425	77.808	103.7054	99.46029	97.30769	113.8967	56.90618	80.04562	115.5416	65.57565	93.89302	101.2008	95.16242	101.98	98.94639	75.27273	93.54583	89.99586	86.88214	87.73981	83.89283	79.46471	88.02817
CUST_25034_PI429010886	N51669	0.04784607	18	9						14.60762	5.509501	8.534644	11.41494	8.846413	19.38387	11.67372	17.33539	40.5192	21.12553	22.52125	NA	10.48071	10.4451	5.216636	20.81559	24.7753	11.02607	15.49584	4.187337	9.63872	9.17267	16.76557	10.14816	11.60747	16.63618	11.708
CUST_37257_PI429010886	M18382	0.047848915	24	3						99.66557	81.62587	8.30152	15.30631	811.9435	515.109	63.73076	580.4723	47.99749	NA	149.047	142.749	NA	108.7083	27.85041	9.979978	4.578833	6.601408	NA	224.8574	3.913935	NA	80.61166	NA	NA	487.4115	15.7393
CUST_14849_PI429010886	N33573	0.047872764	24	18						892.7134	390.0801	752.85	NA	22.25011	NA	215.1868	364.5679	NA	37.14266	NA	NA	70.06067	855.0422	NA	1885.037	9.791478	1675.406	2067.912	1408.778	2600.653	517.6361	NA	408.6556	2419.664	113.2938	2100.692
CUST_34541_PI429010886	M9960	0.047875894	24	18						215.3959	357.296	349.0153	275.9079	290.1517	208.1054	294.481	336.8186	362.6643	311.7361	339.2657	284.5232	311.8576	233.0433	281.3108	373.5014	429.5829	411.3393	394.7866	321.03	448.5869	324.0369	324.8189	368.3282	385.6874	336.8186	445.8569
CUST_14419_PI429010886	N32856	0.047889924	24	3						110.5126	12.73565	18.40737	28.1721	46.15443	24.14234	17.86679	14.92455	12.87353	20.31598	28.24507	33.33002	16.77585	20.89443	24.45965	10.81013	14.54879	13.37051	22.89097	9.179179	12.79947	10.86595	18.92052	24.47696	20.86861	18.87134	16.73229
CUST_21760_PI429010886	N45800	0.047917724	12	0						NA	13.1424	15.02762	7.194555	10.99972	10.77297	13.55938	21.00124	8.998007	NA	6.148545	28.78071	NA	4.053331	9.838142	12.20162	8.737286	3.840905	NA	15.21169	14.49618	7.132043	29.11195	17.07639	7.295483	14.38486	17.12239
CUST_32322_PI429010886	M3801	0.047951341	24	0	321468166	hypothetical protein DAPPUDRAFT	Metabolic process	Cellular amino acid metabolic process	1.73E-107	115.8648	235.4574	231.134	134.7613	179.9258	159.7252	189.1524	215.3674	200.0776	157.2569	163.6628	151.5648	174.6338	197.0569	164.0224	186.762	253.0838	191.5119	194.0105	212.1849	204.1061	187.5751	199.8339	177.6012	213.7796	210.8765	214.7361
CUST_18771_PI429010886	N40379	0.047961058	24	21						21.07179	32.38002	27.67304	28.88374	25.07913	26.97869	19.56944	29.51805	29.15805	24.29655	20.60366	29.46646	22.52975	17.90949	31.6335	27.00456	22.13988	26.90034	28.95229	31.53769	25.95165	35.5206	28.78434	40.02841	31.08617	29.51262	35.48951
CUST_6223_PI429010886	N19798	0.047982086	18	0	321477834	hypothetical protein DAPPUDRAFT	Protein metabolism	Proteolysis	6.48E-35	143.92	153.5452	185.5629	74.03602	139.3908	73.39823	96.58233	138.7318	86.68025	81.71011	139.698	82.25472	84.69767	123.0482	105.4902	90.18372	168.8433	114.0755	142.7777	136.7438	77.25059	111.894	153.318	116.7758	108.8896	62.23304	66.91624
CUST_54173_PI429010886	M104908	0.047986919	21	0						515.4837	21.48961	652.1093	565.6114	237.8029	323.747	34.96815	33.50165	56.8039	256.1905	204.8124	208.0709	418.2862	126.0374	231.4946	NA	NA	9.015243	141.3689	181.4867	106.3076	709.9527	426.1948	619.2009	132.6306	175.317	290.7989
CUST_30934_PI429010886	M260	0.048002275	21	18						158.7682	214.693	196.581	136.9653	210.6226	156.7437	139.2427	152.4151	135.4532	101.7856	145.5634	147.4493	131.9825	166.4486	106.1766	124.0944	233.412	224.1479	168.0725	203.2614	200.6419	123.4547	245.4129	202.0727	124.8855	209.3429	200.5807
CUST_31168_PI429010886	M870	0.048020166	24	15						974.36	1118.139	1114.294	934.3693	793.898	725.3859	794.9446	822.3417	822.3417	980.6718	883.4797	908.3858	1074.104	778.2044	1060.229	1136.704	1195.903	1176.428	898.0277	935.4596	835.7807	1115.579	908.3858	1086.78	1293.42	853.7719	1406.008
CUST_28457_PI429010886	N57985	0.048020166	18	6						17.93358	18.46116	17.79422	20.62924	27.79096	16.225	26.45629	20.30258	22.47797	16.23526	8.837166	10.53476	28.21177	16.77811	12.81384	16.64224	8.460507	14.90623	16.6041	18.92414	14.39849	21.1933	8.090541	21.46399	24.58293	18.52811	17.75016
CUST_56671_PI429010886	M114388	0.048043542	24	6						374.7006	319.2736	433.7137	402.2649	357.6352	323.9561	537.5716	570.0085	584.1152	522.0602	252.1994	247.0114	336.212	234.2807	229.4919	356.0032	409.8716	268.9316	218.7135	323.865	285.3818	367.6429	280.9343	368.1539	382.8	259.2692	280.7963
CUST_11761_PI429010886	N28356	0.048044568	24	21						83.91692	108.8028	107.7528	80.35316	88.82328	78.41566	63.23529	80.3791	84.16808	92.36671	93.70997	88.45765	80.83391	95.36659	93.19639	79.23144	102.9161	86.01043	66.12834	105.9717	90.45329	87.82302	126.0731	126.5609	103.3894	112.1553	126.9826
CUST_56001_PI429010886	M112493	0.048061275	24	6						NA	8.109042	9.203065	8.960965	9.981463	6.335605	8.317068	13.00979	11.68418	8.974877	10.61353	8.300487	10.84565	11.10613	NA	NA	9.005083	4.538494	NA	6.956141	4.525657	3.062482	6.419453	NA	6.714878	13.81559	NA
CUST_43466_PI429010886	M63129	0.048087896	15	9						199.2156	157.5397	224.4732	125.3097	153.2663	137.2967	157.7362	214.8056	222.6813	127.8904	231.2123	210.2639	175.0698	132.0014	169.0985	127.4555	175.2922	144.7386	131.2891	153.9744	65.78378	178.4173	155.1663	167.9984	274.7035	191.0167	152.8947
CUST_36569_PI429010886	M16254	0.048121125	21	15						46.90198	72.99439	49.98481	42.56107	53.96355	46.10518	42.0865	69.63156	51.59074	55.86654	65.09533	17.07639	49.94405	55.42689	67.29151	61.69489	68.50963	64.38614	47.55964	66.73428	58.40039	52.6814	47.32106	55.8366	43.8213	56.2716	41.77121
CUST_39912_PI429010886	M46733	0.048133992	24	15	238683727	ribosomal protein rps21 [Palaemo	Protein metabolism	Ribosome biogenesis	3.72E-34	18579.76	21645.19	17524.49	15258.82	13790.46	14743.32	20099.82	20708.31	18802.8	18117.06	13716.26	16801.9	16323.5	14256.4	15435.13	26129.84	21270.53	25611.3	19341.82	21590.74	22401.51	15102.78	17315.8	17771.79	21459.8	18758.28	20822.29
CUST_21169_PI429010886	N44757	0.048133992	24	18						162.9942	127.1435	191.7176	164.8928	118.2645	120.2404	148.2557	122.5897	138.8001	165.8549	109.4907	132.8996	209.295	116.3062	161.2169	165.8977	164.5342	154.1589	209.031	126.5797	206.2187	200.48	164.188	181.2583	178.9277	129.3077	188.0944
CUST_15016_PI429010886	N33867	0.048140404	24	21						11.2795	4.690007	NA	4.901556	8.689291	20.69694	11.41494	5.455303	5.449648	5.725273	5.44689	7.331157	6.545559	11.57491	8.222054	5.073594	7.371989	16.69734	8.525673	7.523467	7.530036	16.57282	18.24319	14.5933	15.59668	8.04506	12.70744
CUST_41535_PI429010886	N47923	0.048179984	24	6						12.96341	15.75056	10.73769	14.54128	27.32212	15.45147	11.32146	17.39682	9.6637	3.512559	17.80604	14.0239	7.685875	12.60227	14.51258	3.302783	8.204835	14.74345	NA	12.34178	8.702496	6.024088	7.224793	4.882539	9.398999	8.657007	8.746049
CUST_33836_PI429010886	M7985	0.048185525	24	15						65.41928	61.15056	15.43474	24.004	1743.671	589.5468	46.10518	44.54327	35.5246	5.080196	1581.87	1909.699	11.40248	1446.549	1570.104	19.80181	18.55731	10.95746	NA	12.01976	4.091216	4.027743	10.17486	NA	3.990064	47.08587	4.834347
CUST_7340_PI429010886	N21400	0.048196829	24	3						42.68735	9.457347	57.33715	95.71962	93.41761	104.5338	7.760758	17.49602	14.61522	29.28939	68.70749	54.36935	22.88864	68.91312	68.60832	15.31282	17.54652	29.1953	19.80567	9.348176	7.488137	64.30529	24.96379	26.09025	NA	14.97844	NA
CUST_31465_PI429010886	N1592	0.04820361	21	3						431.0524	579.065	555.7599	506.9058	680.4062	566.3117	647.9305	524.517	650.2714	467.8312	475.7174	468.1951	520.6055	467.3293	558.8184	421.8557	561.1654	470.9814	731.069	588.9309	573.6451	576.4765	522.1886	519.7601	621.1139	588.3344	687.2962
CUST_4253_PI429010886	N16329	0.048215974	24	3						63.46562	45.53057	60.50917	115.5105	214.0769	204.9422	132.1477	159.0574	106.8499	60.84718	59.55202	77.82741	109.7081	74.73696	104.6122	77.21485	69.326	86.37483	56.96365	104.8028	57.29886	99.42287	78.03831	104.2696	71.3958	177.4828	59.07254
CUST_6744_PI429010886	N20547	0.048215974	24	6	270004517	hypothetical protein TcasGA2_TC	Metabolic process	Carbohydrate metabolic process	9.17E-64	117.6349	76.12107	28.14985	44.89831	97.90232	93.47058	140.387	88.08839	78.90154	63.05696	82.39127	87.28041	45.17758	69.6885	95.32122	124.7322	88.1883	73.66383	82.7985	52.56738	47.43208	15.14706	48.2662	29.53381	40.07582	74.63974	9.718797
CUST_50561_PI429010886	M90285	0.048236537	21	15						23.56315	56.4057	11.24422	57.11305	NA	50.4892	89.05929	74.3865	37.69532	25.17677	24.79879	16.80584	38.04859	26.49621	48.38982	125.4154	184.1477	160.4433	75.0185	23.81043	73.10715	59.71475	124.2797	58.41936	39.47125	56.06577	NA
CUST_13846_PI429010886	N31876	0.048274018	21	0						43.31704	33.89756	39.71151	17.83951	47.57381	38.84447	17.91362	33.48738	21.12553	37.64933	27.96022	38.27962	24.46439	34.48922	19.19318	32.62446	34.88249	36.11092	28.56322	29.23276	35.40128	41.61011	37.93535	37.88233	23.56505	27.55104	26.57459
CUST_6923_PI429010886	N20783	0.048329839	12	0						37.8045	72.26194	89.19083	41.20033	63.27624	47.69014	33.09195	48.64263	42.64535	54.37948	77.12608	46.35836	71.12883	62.85008	80.93024	60.31817	62.01214	64.68944	47.29117	61.87143	28.52973	148.728	70.10106	134.6107	98.15697	52.62861	85.10841
CUST_18612_PI429010886	N40095	0.048329839	12	0						108.9753	80.12221	99.01871	92.2128	99.05353	84.45954	85.01861	76.66571	63.59914	98.76623	74.87652	146.5888	225.4711	64.34403	136.314	59.6688	87.44315	82.20662	90.79873	63.91561	57.40907	113.7707	65.7688	95.77149	104.7861	90.36229	120.7183
CUST_22920_PI429010886	N47923	0.048329839	12	0						20.04802	32.04295	21.8116	18.03136	11.97145	33.20989	17.20512	13.24592	16.04653	32.74766	22.51326	22.9795	21.54756	18.79971	23.92952	22.4807	17.18912	17.69816	15.62048	11.44176	10.13728	18.72559	10.92283	26.91606	23.28842	13.34622	26.97869
CUST_46039_PI429010886	M71154	0.048342828	24	3						9.093643	3.981755	NA	9.683226	10.54284	NA	8.591323	9.042493	9.667776	9.226214	2.938046	4.675385	3.718399	8.634832	7.540172	4.280652	4.667487	5.725273	7.76734	5.408203	7.652903	5.310968	NA	5.624205	NA	NA	6.95828
CUST_9962_PI429010886	N25475	0.048351889	21	15	345483683	PREDICTED: hypothetical protein			1.05E-18	42.19221	65.08113	60.23194	48.07163	61.38551	60.95576	56.16991	50.95848	67.7294	51.11212	51.60135	44.72435	47.75574	46.24985	52.73695	87.39589	97.06787	86.16832	48.95729	63.11334	71.02716	73.42732	62.98884	67.04107	72.30895	67.68103	61.41445
CUST_36058_PI429010886	M14480	0.048357604	12	3	291240530	PREDICTED: Saccoglossus kowalei	Metabolic process	Nucleobase-containing compound meta	5.04E-54	161.8178	293.7564	178.619	192.7777	186.5755	193.3912	196.1778	256.9518	266.3181	151.7139	163.9175	142.4683	125.9947	229.9746	114.7628	240.5209	305.3804	254.459	233.6384	191.6218	249.1748	135.4989	172.259	143.2259	209.3429	210.039	162.0684
CUST_12984_PI429010886	N30389	0.048357604	12	9						386.9815	230.8967	564.2041	679.5306	334.795	437.1787	257.7877	364.1244	450.3327	746.9967	297.9948	616.7748	864.3189	379.2367	594.0785	266.6798	260.3413	229.6141	543.8441	402.6495	485.8608	882.2277	551.429	870.8828	418.6884	447.4189	700.5788
CUST_14848_PI429010886	N33569	0.048357604	12	9						51.37499	82.45499	89.98471	64.86228	64.92793	47.20253	63.94264	79.87529	92.49079	66.63152	86.01043	64.44071	84.42785	65.53387	82.9019	65.29504	64.6585	83.33191	82.41127	76.45795	101.8004	114.2673	129.1152	140.1401	73.73506	75.03704	122.3191
CUST_56415_PI429010886	M113724	0.048363441	24	15						3808.448	3792.758	3763.397	3240.436	1852.945	2511.558	3264.887	2345.461	3310.069	3627.136	2285.617	2785.011	3415.242	2522.496	2511.558	4606.27	4069.14	4349.13	2495.699	2962.84	3397.779	3944.006	3193.902	3472.797	4069.687	3255.97	3948.157
CUST_15154_PI429010886	M104874	0.048367772	24	21						29.00584	28.6464	34.81754	38.90574	19.95709	25.89608	29.9255	13.31624	13.24563	25.24448	21.42599	25.32953	30.02298	25.8625	32.51285	34.36788	27.07251	25.09267	28.7468	17.64602	21.6158	51.5932	27.64935	15.64361	34.36935	41.14942	20.04339	59.83196
CUST_12886_PI429010886	N30208	0.048450604	24	6						52.7448	47.83813	74.84749	22.05134	29.21241	8.637402	45.10508	33.77513	52.7448	9.015243	28.76131	14.9184	NA	17.70791	15.3089	NA	23.72167	31.55396	5.385232	7.854749	5.161139	14.24832	26.20109	33.02712	NA	17.60727	17.8915
CUST_51227_PI429010886	M92687	0.048452817	24	9	443725765	hypothetical protein CAPTEDRAFT			2.95E-14	5.443763	9.355486	3.217148	NA	4.749341	9.950651	10.14167	3.899835	4.477878	9.570901	13.6951	9.723255	9.609273	9.542112	6.455238	30.37407	9.162592	12.36822	5.220446	7.475842	4.232065	NA	4.456139	5.765353	4.242916	6.671924
CUST_6731_PI429010886	N20529	0.048454204	24	15	242001834	gem-associated protein, putative	Metabolic process	Other	3.21E-24	12.23088	6.618689	13.18497	6.941367	NA	4.436424	7.37464	7.346947	14.43891	NA	7.935999	23.10033	13.40932	11.28749	4.994211	27.67583	24.65812	8.550634	13.63853	10.28025	9.081076	18.82499	13.42476	15.89063	6.158657	6.355028	14.89846
CUST_53547_PI429010886	M102205	0.048491235	18	9	260808985	hypothetical protein BRAFLDRAFT			2.04E-12	NA	6.173086	3.601162	NA	7.359305	3.565038	NA	7.847769	11.18684	16.18532	10.11056	7.009565	8.826303	5.281003	13.93951	3.801759	4.654851	6.505387	NA	6.62957	8.188858	7.873998	7.050764	6.910182	5.068316	9.108156	6.800335
CUST_37458_PI429010886	M19104	0.048491395	18	15				Metabolic process		59.22932	68.64759	67.50363	49.01904	74.16214	43.02401	122.6389	82.04507	78.12052	80.77747	116.6925	64.00415	67.54737	63.67982	87.9342	99.34395	133.171	72.34444	58.18757	83.69522	66.25687	40.85968	76.07871	63.4939	81.73809	54.11401	71.84187
CUST_22030_PI429010886	N46299	0.048491395	24	12						25.7544	30.85244	283.4149	36.32916	39.01005	30.44744	49.4765	30.9114	58.83501	35.14363	37.31661	37.23075	42.28696	44.92669	30.22406	45.64916	33.37375	50.73868	22.09313	47.85099	37.78857	14.5147	26.70669	23.33593	31.41902	21.07179	30.26428
CUST_36808_PI429010886	M16913	0.048516278	24	21						89.2783	120.6989	106.9674	85.06849	100.3493	83.64481	67.0724	100.658	102.5834	70.55138	111.9372	104.437	88.6659	103.3596	78.43006	75.64874	97.48939	96.68673	90.01966	108.5581	93.19639	104.0463	133.4766	122.3466	122.5288	119.4473	140.612
CUST_55444_PI429010886	M110147	0.048525948	24	3	242247233	cuticular protein 43 precursor [A			1.36E-08	539.0498	418.2862	88.57697	109.6887	67856.09	49113.82	399.8074	3319.225	296.5339	36.94243	30352.12	26803.66	41.47761	27273.84	25611.3	17.00528	12.4383	127.5138	8.088527	5947.47	19.5898	32.47733	333.9851	35.36937	NA	7364.792	9.973024
CUST_39021_PI429010886	M33430	0.048554815	24	3	306847582	crustacean hematopoietic factor	Developmental process	Embryo development	5.64E-10	99.116	80.11297	13.15346	12.56491	797.7145	635.3318	48.24507	477.058	39.16842	NA	397.9279	470.9814	NA	182.5021	185.3999	3.861697	8.654198	6.975804	NA	341.0171	5.458879	9.96829	98.94639	10.04386	4.80327	383.5875	NA
CUST_24240_PI429010886	N50283	0.048582756	24	15						9.247073	18.63053	18.52406	13.50622	16.29695	10.19704	12.9375	15.81757	10.60676	5.666246	11.24422	21.1277	9.934505	15.25766	16.62059	15.73759	29.9505	22.21765	20.10354	16.88956	19.69443	22.12571	13.08993	13.01831	16.01725	18.86919	14.27815
CUST_19087_PI429010886	N40959	0.048592124	24	15	242013381	JmjC domain-containing histone			1.49E-18	152.5572	140.1401	161.6064	111.2714	104.1064	129.8635	135.9468	130.6255	138.0571	167.4695	98.70542	125.7244	131.5172	90.30614	144.1758	164.8928	177.1325	181.2834	160.0414	140.3412	160.5413	160.4236	144.389	180.7102	178.2736	122.709	182.1852
CUST_36983_PI429010886	M17428	0.048597646	24	18	309380138	cathepsin A [Eriocheir sinensis]	Protein metabolism	Proteolysis	1.17E-27	15.71789	3.109383	7.524476	6.910182	NA	3.512111	NA	10.07424	6.914242	12.17385	NA	19.39937	4.9492	NA	10.76826	16.20857	NA	9.269929	19.70882	11.58143	24.08979	9.346935	NA	13.45766	17.52622	NA	10.16942	
CUST_15886_PI429010886	N35298	0.048626757	21	18	158299596	AGAP008939-PA [Anopheles gam	Response to stress	DNA repair	1.01E-11	28.098	32.81904	23.00444	27.62537	23.56774	11.11796	27.5238	34.3049	31.83762	22.09313	13.92326	23.50843	18.62596	20.56418	18.14415	26.58505	24.41183	52.7448	35.18384	32.2735	48.33387	23.28183	21.57217	29.46145	31.12503	22.99952	31.56676
CUST_55419_PI429010886	M110013	0.04865201	18	6	270009780	hypothetical protein TcasGA2_TC			5.59E-10	1337.377	1316.174	1187.586	1289.52	1377.009	934.7113	1666.955	1073.581	1723.472	1153.203	1652.642	1288.168	1592.484	1224.714	915.7404	847.0248	895.4864	1042.247	1006.869	1118.482	1455.905	1388.826	1315.424	1274.879	1352.876	1010.854	1715.071
CUST_1685_PI429010886	N1043	0.048678461	24	3	242016965	Aminopeptidase N precursor, pt	Protein metabolism	Proteolysis	1.08E-172	415.2303	195.4956	358.1567	485.7316	1380.116	967.7143	395.9506	484.1868	542.9066	454.1788	780.1728	909.9142	397.3902	713.4537	881.258	559.1602	280.7963	1083	477.006	460.1248	445.3549	521.206	1083.382	359.3488	1012.1	388.382	359.3488
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_47584_PI429010886	M76730	0.049277462	15	6						136.6363	168.7398	150.0907	160.9745	105.5804	116.5601	150.2981	178.2736	154.6439	167.0102	106.8262	110.571	137.5851	108.7869	125.123	123.7307	123.9728	130.0053	154.177	150.9666	165.8065	186.0781	174.1934	147.482	172.3438	139.7162	150.9062
CUST_14391_PI429010886	N32805	0.049286091	15	12						35.07134	40.70597	49.85348	26.69299	36.28088	34.03486	21.36854	46.57555	20.97815	31.70434	36.04692	28.47101	46.40366	47.41757	41.06053	40.56201	56.30846	46.40366	24.22486	45.43179	35.44329	38.97889	37.33345	28.5989	43.73952	45.29434	41.85499
CUST_19220_PI429010886	N41219	0.049288337	21	18						16.80772	11.52408	21.08201	14.17513	13.31268	3.736826	11.33397	15.63254	21.04316	5.039424	9.573755	15.0561	13.44807	15.44997	5.856234	12.31255	17.22544	19.20962	14.07152	25.6877	22.48894	9.01805	21.1337	17.42012	11.46447	9.398999	11.93346
CUST_41400_PI429010886	M57648	0.049293278	12	3						10.15678	5.692618	14.23051	16.66622	10.5599	17.0552	10.3429	NA	21.00252	8.04855	5.651239	10.07137	8.571918	6.517364	14.53618	11.7024	12.09079	17.69677	12.59391	6.247573	8.817048	13.2031	5.740467	5.868192	14.43423	15.2772	17.28788
CUST_6467_PI429010886	N20137	0.049339381	21	15						677.2359	1621.358	910.719	817.4569	977.9831	889.8299	1034.581	1198.216	1239.086	767.3697	924.3063	826.1267	788.7271	1261.275	926.2026	1418.598	1489.353	1403.011	958.1681	923.1653	1191.479	558.8184	1069.345	883.7364	797.7145	912.5849	756.8703
CUST_33395_PI429010886	M6775	0.049391973	24	18						114.4623	237.7581	193.1768	118.6698	138.0571	109.4424	194.6568	176.7421	253.6231	170.9358	128.2402	155.2093	135.9631	155.5805	134.7975	191.9733	233.5329	210.2979	187.4109	248.439	233.5329	161.1455	175.6627	216.7919	158.8387	165.7838	228.6197
CUST_16338_PI429010886	N36066	0.049391973	24	3						292.6099	230.649	256.9518	408.9306	848.0782	783.939	176.076	287.632	137.6616	297.9395	599.3024	618.7694	328.1119	409.2932	590.9592	144.5431	169.2749	165.0194	139.8095	268.3647	98.81307	367.9854	290.7575	364.7211	114.9233	365.0376	152.1194
CUST_18352_PI429010886	N39634	0.049391973	24	18						273.0279	195.1305	310.9804	298.5479	310.4343	254.7629	340.3327	332.8862	423.3824	609.0112	399.8777	447.5258	425.8369	386.3361	439.5135	490.4622	277.3623	503.9395	474.0818	422.6098	500.8894	393.0106	444.3539	494.3291	494.606	411.5622	609.2645
CUST_50880_PI429010886	M91322	0.04941319	24	0						18.61955	17.40595	NA	8.922458	15.00133	10.13898	11.92894	11.59544	7.372894	7.209009	6.420652	11.62724	8.197876	15.16953	17.67403	11.72699	4.569037	4.51184	6.090071	8.815762	8.787188	11.58566	14.57803	12.04162	14.54879	16.82245	8.568381
CUST_42263_PI429010886	M59829	0.049415903	12	0						55.38305	48.61045	87.20964	44.91446	73.20517	43.45889	32.51568	37.84156	55.56014	47.21493	74.56212	57.69269	56.15422	48.4991	74.82596	45.67933	72.09362	59.8713	39.40243	52.75604	43.89532	78.22197	47.39716	60.24608	68.27308	54.39234	84.34054
CUST_45580_PI429010886	M69570	0.049415903	12	0						71.14732	65.53387	101.2279	76.90215	61.68316	66.60981	56.55991	59.59396	63.24693	73.24973	59.99359	64.07605	106.3228	45.64468	97.30769	75.75538	80.79724	65.11364	69.28931	69.15316	62.07591	91.52744	58.42497	71.9236	86.41587	99.20976	75.06882
CUST_21663_PI429010886	N45615	0.049415903	12	0						39.63818	19.71996	56.75829	31.40066	18.78876	31.12503	24.88406	23.53743	22.95059	35.78012	33.68871	34.45309	27.67843	34.04952	30.68789	40.58521	29.24902	32.03079	27.97412	16.78653	26.52431	35.95938	30.67349	37.12565	33.19846	38.23951	36.44629
CUST_25521_PI429010886	N52565	0.049415903	12	0						32.56414	38.4508	30.05953	20.37081	16.8338	21.77765	16.67597	25.1445	28.99912	23.352	21.67775	14.92455	26.70669	23.13174	34.50654	22.62003	37.8081	20.92153	12.63147	18.66636	12.24902	20.99538	33.4748	35.60356	23.78991	19.94147	37.31263
CUST_53963_PI429010886	M103895	0.049432218	12	9						8.281737	28.43382	22.31213	3.357895	13.91274	13.71712	17.88948	29.03394	31.81746	20.64919	27.76408	24.73091	20.52618	28.25337	23.24141	14.47877	23.90216	22.86904	21.5284	27.30294	23.91003	26.52431	46.74583	27.50428	21.9708	21.54205	17.95343
CUST_56185_PI429010886	M113049	0.049432218	12	3						87.20964	111.653	58.29201	101.0722	87.46732	94.21867	99.12783	98.27861	75.29284	63.33433	78.73755	51.94695	67.58778	73.45313	59.46532	104.5021	122.51	95.20029	69.79983	93.75176	74.18037	62.00499	101.9483	71.71217	87.11871	107.7528	67.3848
CUST_37542_PI429010886	M19423	0.049432218	12	3	340842895	Litopenaeus vannamei adenine	Transport	Transmembrane transport	3.02E-74	2846.594	3767.349	3452.681	2602.477	2992.811	2526.145	3480.931	3575.021	3633.442	2416.236	2194.43	1652.642	2027.732	3082.237	2157.924	2851.067	4475.935	3709.96	2494.519	3286.945	2685.938	1978.294	2763.96	1876.444	2521.203	4031.99	2244.174
CUST_46055_PI429010886	M71206	0.049432218	12	9						88.97825	73.64351	95.74045	77.3983	63.87749	81.72936	83.21526	67.90691	63.49903	100.1424	89.19083	80.02644	98.61391	75.32925	78.77099	80.3791	58.27052	75.63986	83.0128	63.96849	72.90397	95.70549	91.6474	90.03155	92.92674	82.87384	74.48675
CUST_4513_PI429010886	N16940	0.049432218	12	3						151.7575	171.912	132.5156	168.9237	289.3393	205.2408	168.4808	126.6423	189.7707	117.9281	169.3049	188.767	91.46995	197.796	121.718	279.305	201.3401	159.2709	239.4831	122.4018	187.5751	82.04507	147.5789	119.3879	219.187	133.3669	208.3055
CUST_7378_PI429010886	N21451	0.049432218	12	3	402888768	PREDICTED: oxysterol-binding pr	Transport	Lipid transport	2.66E-35	195.9604	250.8664	224.2026	219.4299	292.1626	288.6545	221.3966	241.2245	213.7108	262.04	179.1302	218.1432	234.5996	199.0877	218.7135	333.7805	273.7185	314.7154	259.4124	224.2516	243.6749	254.533	221.6228	189.3839	295.1733	243.5905	275.9873
CUST_9163_PI429010886	N24163	0.049432218	12	3	241647552	translocon-associated protein, g	Transport	Protein transport	4.36E-46	541.2118	693.9081	256.3164	467.3293	769.305	784.4035	606.7201	987.5397	564.6439	465.2004	535.748	440.7516	363.2101	717.9895	500.8894	824.0838	860.5197	633.2997	504.4324	593.0437	480.6993	248.7719	690.5452	247.7035	418.5156	827.5626	255.0769
CUST_35407_PI429010886	M12509	0.049441821	24	21						75.0185	155.8206	122.1097	90.65467	108.1041	101.6228	87.83185	136.5677	124.3455	95.03516	123.7628	73.39156	96.37995	98.86808	103.914	118.8436	149.2467	143.7425	101.4235	138.4144	143.144	146.7486	134.2508	152.7137	120.0673	123.6152	155.885
CUST_8909_PI429010886	N23780	0.049443285	18	0	307169530	Echinoderm microtubule-associa			1.37E-88	13.42476	24.08402	11.67212	NA	8.934291	14.42283	5.475538	NA	NA	6.69057	6.051391	5.660534	4.809507	NA	NA	5.343997	9.34334	11.08375	144.1758	5.852694	NA	23.39604	10.55727	5.123782	6.270949	10.64938	3.685024
CUST_56710_PI429010886	M114493	0.049545274	24	18						355.6308	287.8854	347.6198	294.9654	193.0974	257.3491	311.2489	296.1058	129.007	382.1124	144.474	343.8057	338.3895	284.7236	364.8648	325.3527	385.121	323.3549	418.0505	288.4809	364.1244	371.4802	324.4202	324.4202	405.2976	259.3203	150.2498
CUST_36791_PI429010886	M16871	0.049592181	12	3						305.3135	333.2833	284.4662	403.2127	376.5416	337.294	357.7827	316.1661	348.5318	337.5198	240.802	389.3624	354.9347	254.4159	248.4962	376.8731	356.0032	461.906	387.8304	301.6158	348.964	365.7068	402.1648	422.7276	324.3641	268.4249	287.5406
CUST_1285_PI429010886	N9132	0.049598693	21	6	321470071	hypothetical protein DAPPUDRA			1.31E-09	68.03257	47.61903	6.74823	12.90067	122.7895	105.1748	62.05756	129.9419	48.3568	NA	25.56181	22.14763	3.589662	18.5866	20.57512	NA	NA	NA	8.739672	95.20029	3.98946	NA	63.73076	NA	11.29793	184.5623	NA
CUST_17210_PI429010886	N37580	0.049625914	12	3						8.057556	8.026216	9.373767	12.60763	6.456174	15.75335	8.988284	7.95024	11.59098	12.30413	5.677488	5.627759	11.61625	9.260771	NA	16.33412	13.50832	18.02378	9.180205	10.2893	11.56464	11.30046	9.988283	5.245922	12.76907	7.737208	11.32969
CUST_31586_PI429010886	M1907	0.049697037	24	15	383864803	PREDICTED: RNA-binding protein			2.26E-34	1061.955	1289.967	1243.512	1113.954	883.4797	796.9187	1302.487	1058.187	1252.458	1430.525	949.2292	1002.076	1265.098	852.2653	1016.248	1459.585	1393.878	1563.253	1469.262	1093.904	1404.695	1413.759	1298.045	1407.95	1448.453	1033.621	1532.345
CUST_1941_PI429010886	N11130	0.049697037	24	0	291240019	PREDICTED: obscurin, cytoskelet			3.73E-21	77.12608	57.68508	92.31393	80.59242	56.73963	62.338	44.73914	60.71646	50.20946	98.36388	64.54817	87.99932	70.79864	32.50967	62.05756	75.06278	75.10319	62.84262	75.04432	39.80553	78.90154	88.10909	76.17615	95.2367	92.83981	91.16754	104.7593
CUST_25237_PI429010886	N52040	0.049723224	21	15						615.1114	1188.024	284.5232	826.4146	192.3394	757.5703	1920.18	1144.272	831.0254	970.2746	516.6055	343.906	860.5197	1068.554	679.224	2244.174	1780.678	1532.345	894.0902	567.7111	833.5137	313.2852	1807.527	387.7178	499.6833	934.3693	258.5192
CUST_46772_PI429010886	M73686	0.049732761	18	3						33.04298	36.97106	50.55672	46.57025	58.86906	54.1566	27.39273	47.57931	37.3089	28.66131	35.06662	44.77796	25.94024	50.70889	29.52349	51.42014	59.93426	60.15379	30.2752	32.56737	43.45889	58.31899	56.28495	53.4446	41.72041	35.68286	39.58266
CUST_34258_PI429010886	M9183	0.049744613	15	12						254.1458	239.7853	241.1815	254.533	324.3008	301.0722	203.7634	200.2792	177.3292	222.9426	306.565	219.4592	229.8267	264.3686	357.3731	258.6669	218.1432	226.4631	182.5355	181.8118	239.2973	211.6596	222.1744	222.2997	192.0736	212.5696	220.5798
CUST_22886_PI429010886	N47854	0.049749782	24	18						NA	7.554005	10.9364	6.370812	7.796517	9.072909	7.027807	7.163337	5.366961	7.231758	11.48486	7.21871	4.04038	NA	28.15267	13.99004	4.869797	5.161898	9.509852	14.25102	24.11115	16.33604	8.611312	14.19023	14.4297	10.85858	19.73213
CUST_17997_PI429010886	N38970	0.049782477	18	3	470249931	RING zinc finger-containing prot	Cellular Process	Other	1.61E-09	NA	7.944417	NA	4.455259	27.03986	NA	8.681841	10.7267	12.33142	NA	4.832856	3.889937	6.68956	6.494807	NA	7.940901	NA	10.89488	6.857298	10.60676	5.474648	15.33433	10.43378	18.36834	9.621436	6.495734	7.99047
CUST_44765_PI429010886	M66915	0.049785637	21	15	126323154	PREDICTED: ATP-dependent RNA	Nucleic acid metabolism	RNA metabolic process	4.26E-47	23.83774	27.31402	25.79528	41.30748	21.9708	33.17225	27.08528	29.27764	32.03079	39.29873	40.61255	30.47714	34.15266	27.40728	32.2704	41.86279	44.43625	23.30722	31.14654	27.7842	35.90062	28.78071	23.00444	25.1	32.45769	29.59501	20.62588
CUST_9473_PI429010886	N24687	0.049785637	24	21						20.10354	28.00193	20.2776	18.37247	26.17	17.43071	24.06897	20.1078	22.47011	13.03156	11.79624	19.23397	21.28456	26.71901	14.82383	15.16581	18.14584	27.93918	26.30647	25.49661	11.81163	32.57817	24.0298	32.1177	15.87884	18.54962	31.47581
CUST_8574_PI429010886	N23242	0.049797049	15	12	91094029	PREDICTED: similar to inner mer	Protein metabolism	Macromolecular complex assembly	1.86E-71	33.22138	48.88152	39.29429	33.19846	26.05349	28.14461	35.38035	37.2113	27.36008	41.99235	33.87201	31.55396	45.80468	34.58559	34.72341	26.88508	51.04378	44.47768	25.57119	25.8664	33.27509	35.53811	44.69425	49.66595	46.59051	40.1541	48.11395
CUST_46358_PI429010886	M72356	0.049823728	15	12			Protein metabolism	Proteolysis		10.04481	NA	12.75883	10.09209	8.92176	8.890942	NA	12.73904	8.417136	NA	14.25928	10.17583	17.21886	15.05878	15.83716	7.095312	NA	4.205319	7.030628	6.461841	5.913114	6.006861	13.40748	13.03303	NA	12.59794	5.780077
CUST_11186_PI429010886	N27405	0.049826268	21	12	156544105	PREDICTED: uracil phosphoribos			3.88E-52	68.30294	53.25197	35.98686	42.32912	38.69332	55.19052	80.16082	57.57578	62.55614	36.00722	37.41195	59.72208	66.32665	70.43485	85.00598	73.94525	65.86788	62.62916	49.50343	30.2752	40.11852	42.84582	43.64463	56.72705	40.85968	47.34933	36.76966
CUST_57050_PI429010886	E195	0.049854258	24	15	291225972	PREDICTED: lysophospholipase-l			6.42E-30	489.0279	1370.424	948.7571	684.5912	528.4781	1066.707	514.8454	944.508	726.5143	578.5106	931.5266	966.0248	375.4894	903.1163	316.8051	1676.984	1077.231	2228.732	1107.545	849.9671	1392.216	1464.031	808.5577	1535.771	1235.266	986.164	1335.17
CUST_54899_PI429010886	M108125	0.049854258	24	18						1644.807	1968.185	1965.01	1537.641	1078.02	1044.931	1707.189	1513.832	2006.118	1777.355	1216.51	1664.278	1517.515	1198.216	1416.053	2345.461	1863.699	2139.451	3060.056	1616.307	2130.512	2729.922	1694.196	2164.77	3336.354	1593.454	2308.81
CUST_45615_PI429010886	M69669	0.049854258	24	18						16.63419	11.55732	10.86432	14.71976	18.00685	17.9285	6.297823	13.0253	17.6322	15.97495	11.86483	21.93249	16.76557	14.38642	9.933103	22.56387	28.43101	25.01801	36.81564	22.69623	33.60676	13.84795	14.60252	15.64425	23.48051	13.89788	20.31267
CUST_1064_PI429010886	N8384	0.049854258	24	9						276.8158	36.49885	24.13409	339.8451	59.39503	82.3809	295.8529	54.73135	10.09623	349.6396	80.15283	96.10147	253.1631	65.67573	73.11579	72.75695	47.60538	169.34	14.64829	65.97782	11.81288	26.73097	36.05612	56.80856	5.148525	94.20496	43.76293
CUST_19569_PI429010886	N41794	0.049859664	24	3						296.2664	134.7853	227.4234	520.0326	355.1717	303.7619	172.6192	160.0414	102.6488	284.5232	425.8369	353.4279	283.1093	402.436	225.4359	109.3497	70.30569	75.53689	136.2532	154.4778	71.03566	341.0815	386.1445	177.388	60.86727	304.0274	158.6925
CUST_3193_PI429010886	N13993	0.04986125	24	21	345485226	PREDICTED: TBC1 domain family			2.79E-25	24.03743	30.03498	26.56409	30.75945	23.86617	25.05787	16.56573	24.485	15.80426	29.08789	16.89173	24.36566	19.19457	28.24828	24.38607	23.43505	16.34777	18.01822	36.1964	31.03777	23.63019	30.22686	27.96533	30.68789	28.51774	22.60966	27.57725
CUST_39663_PI429010886	M42411	0.049868929	15	6	493789484	hypothetical protein, partial [La			6.55E-09	1197.753	2242.146	1956.496	2350.317	2340.704	1842.758	2522.496	2711.745	3319.225	2146.15	2661.468	1944.792	3179.907	2835.943	2725.344	909.1828	1529.136	1016.824	1947.583	2430.729	2041.036	1734.409	2698.998	2956.694	1529.136	1961.653	3043.672
CUST_5756_PI429010886	N19155	0.049868929	15	9						42.82832	19.71264	19.46587	14.92455	12.40062	18.03992	21.44037	15.82642	15.58431	34.66846	25.0378	34.99565	24.4152	14.18007	21.87306	41.70283	23.63569	22.94786	20.22133	21.64956	19.38793	28.2426	18.11402	23.84171	30.99993	23.18254	20.04202
CUST_24738_PI429010886	N51170	0.049894561	12	0	321458928	hypothetical protein DAPPUDRA	Cellular Process	Cell cycle	0.000000031	21.86932	22.58052	24.5939	38.67341	21.79222	15.70448	14.47659	22.37256	19.93149	18.14187	15.07053	21.91441	36.04017	25.24448	24.91228	19.89427	16.0427	18.6455	17.58836	21.13979	21.22876	44.11572	28.63092	22.5581	21.74943	27.53743	30.71104
CUST_53044_PI429010886	M99887	0.049915699	24	6						74.5042	89.14903	59.55202	87.53029	76.55656	69.08095	122.5897	75.43954	92.15089	111.007	58.9258	70.17999	91.10731	65.1084	78.90154	72.08616	53.23808	63.48698	61.51933	65.30254	65.71042	113.7563	57.02244	82.73518	75.84873	64.05318	83.73063
CUST_56045_PI429010886	M112614	0.049916733	21	12						11.57188	20.97815	9.534814	18.8606	11.68418	22.49316	12.3345	25.53705	24.40844	12.46202	15.97033	16.93597	16.64399	22.29988	23.65067	16.43359	21.36854	18.85649	15.86706	10.6362	25.44962	14.75102	7.07223	12.08533	11.31144	15.4677	19.71392
CUST_50250_PI429010886	M89164	0.049923994	18	15						27.26144	46.81937	11.69612	17.61125	20.01679	26.29331	22.37507	50.79258	22.80251	32.23579	22.01591	36.79887	29.41053	29.83399	20.16722	38.17039	53.99735	44.26795	33.92477	21.70341	38.49334	19.75896	47.05022	19.01772	29.17859	26.24865	20.32943
CUST_10548_PI429010886	N26408	0.049941835	24	21						5.112206	31.22074	44.94128	10.75951	18.34559	23.54776	16.24785	29.54223	30.5922	12.44465	21.2594	8.567205	12.11997	16.62267	27.48515	28.7956	12.69158	28.14985	15.97275	39.56727	37.14598	33.53007	24.40118	31.66341	27.94793	18.60754	19.45602
CUST_14920_PI429010886	N33691	0.04995275	15	12						41.56334	119.713	29.85271	40.67888	NA	57.40907	83.52767	33.51137	48.07833	118.6245	93.20756	7.656774	154.1096	127.1435	111.5065	121.4044	241.364	243.494	24.8962	24.62932	33.01146	61.41445	40.23682	54.03718	201.6125	163.8102	18.8606
CUST_25270_PI429010886	N52095	0.04995456	24	6						32.08859	35.61115	NA	12.24986	69.08897	54.69951	52.97639	45.16295	62.71091	10.26423	24.94507	31.77263	19.36009	18.45414	27.1944	44.00493	27.49895	15.1083	9.34077	35.32719	7.219437	5.721366	36.15638	8.185146	8.924839	75.80869	NA
CUST_56821_PI429010886	M114712	0.049958935	12	0						60.86727	48.42501	57.08761	50.87686	50.88852	44.96721	46.47735	39.88527	11.84537	51.2209	52.89528	40.93762	62.88893	47.33022	37.38294	46.45729	37.28898	53.13079	33.05472	50.20946	39.67832	58.65468	47.67532	47.5648	56.67374	43.47993	65.7688
CUST_56893_PI429010886	M114850	0.049958935	12	0						103.9866	82.44777	85.63473	101.522	60.43161	70.49708	77.73937	55.85351	61.3418	99.1481	62.19095	75.37573	105.87	57.70575	89.26114	102.8149	103.5395	101.2701	84.4188	66.296	49.51848	102.4622	84.17542	87.55235	107.4885	86.60823	106.6432
CUST_18053_PI429010886	N39062	0.049958935	12	0						82.56422	42.02831	77.36861	50.58009	54.02066	64.42288	48.45428	41.70713	43.22401	60.77638	59.58718	95.61224	60.94991	64.1593	65.75115	97.28384	48.75822	70.45711	78.90154	44.98293	43.20078	79.07026	55.92368	60.11411	105.2156	72.22265	75.48453
CUST_27633_PI429010886	N56408	0.049958935	12	0						51.02509	54.39234	69.19342	28.2092	57.28678	55.82058	22.81991	54.69276	21.8966	33.87813	52.11425	35.82991	25.16449	66.2384	60.03374	24.69162	50.28629	43.51485	19.20962	39.38283	29.27528	33.69133	52.83064	40.84629	19.11039	85.87925	57.42169
CUST_27766_PI429010886	N56659	0.049958935	12	0						41.93907	23.98666	41.13217	41.68317	40.7495	34.77078	22.06175	18.52406	33.47807	18.87895	33.52669	49.5489	41.94644	26.9677	51.14197	38.2274	25.35952	38.23951	37.1561	25.1506	19.07677	39.59705	29.90099	39.16223	44.86788	20.18794	54.95988
CUST_607_PI429010886	N6305	0.049958935	12	6	155966352	putative cuticle protein [Lepeop			1.83E-18	3815.958	5751.95	14.41491	2521.203	3763.397	5435.742	10626.1	14137.09	6818.249	1607.994	1685.048	1073.164	1042.748	3339.651	1062.767	12963.97	5712.375	5402.577	7643.683	13591.98	6025.479	162.5329	8439.929	144.474	1688.167	17453.24	9.349393
CUST_35580_PI429010886	M12941	0.049979973	24	18						292.8189	63.47256	341.5157	6.461841	9.392936	12.12549	175.151	203.1887	162.5822	34.22235	18.61345	30.30413	59.38272	25.61174	81.70379	6.880102	298.8084	198.1201	367.5711	488.5919	562.7989	33.60972	68.83252	28.37038	933.0577	47.9867	890.2317
CUST_32729_PI429010886	M4944	0.049979973	24	18	307184811	Protein LTV1-like protein [Camp			7.02E-35	206.1048	208.0191	216.1326	171.664	179.8716	164.4678	266.4734	203.1619	221.8856	239.5431	162.1178	202.1125	245.8278	188.4898	171.7821	235.6105	213.9341	272.3474	280.2395	215.7105	246.8683	260.696	208.5809	272.6276	251.4577	170.7496	294.2691
CUST_3368_PI429010886	N14373	0.049979973	24	21	24642263	lethal (1) G0136, isoform A [Dro	Protein metabolism	Macromolecular complex assembly	4.18E-46	113.1748	128.1046	100.6186	96.33044	157.0354	100.3986	80.61166	121.3126	93.66451	90.92644	112.096	122.5392	98.14527	120.9	112.2514	91.28627	100.658	124.1767	102.8306	112.8135	105.2562	138.1387	135.0731	135.0024	115.4766	120.2974	120.8275
CUST_4155_PI429010886	N16123	0.049979973	24	18	390362924	PREDICTED: zinc finger protein 8			3.5E-15	218.9572	382.6455	359.4486	261.3674	211.803	214.3618	263.251	335.5615	356.1688	230.8967	279.1333	263.0994	284.4662	261.7118	231.8895	314.3155	333.9088	376.8731	324.5457	345.8925	400.0672	230.0694	306.2147	361.5772	309.4164	299.9228	531.9945
CUST_5726_PI429010886	N19106	0.049979973	24	3	343129710	chitin synthase A [Nilaparvata lu				34.28012	23.61884	37.85657	55.76605	78.50931	76.28125	21.17165	37.27454	15.17465	47.46533	68.50135	74.07385	36.67874	45.94658	71.29445	24.12109	21.72565	19.64801	27.87953	20.61709	14.24384	53.25197	22.50019	46.74583	17.76942	39.72002	16.82065
CUST_6012_PI429010886	N19506	0.049979973	24	18	321464824	hypothetical protein DAPPUDRA			7.04E-70	217.9731	447.759	286.1798	257.6419	232.4149	196.1489	276.3303	338.8265	327.5322	270.3715	255.571	278.0108	289.1171	265.6845	214.3972	283.1538	432.2687	424.6765	310.1796	354.7453	353.6905	282.2716	323.2809	306.6661	316.2911	280.9977	379.6985