

Table S4. Differentially expressed genes (DEGs) identified in pairwise comparison between preparation of winter diapause and non-diapause in *P. melete*.

geneID	log2(foldchange)	control_rpkm	treat_rpkm	noiseq_probility	Up/Down
Unigene19019	2.904400944	479.5932847	3590.74775	0.823286768	Up
Unigene22840	8.112783595	0.356704798	98.74160043	0.984925698	Up
Unigene778	7.778900751	0.03	6.588760392	0.864898495	Up
CL7184. Contigl	6.743214031	0.11847141	12.69180081	0.909194849	Up
CL2637. Contigl	3.950827081	1.35483564	20.95096694	0.806472209	Up
Unigene2195	3.695363579	6.836094408	88.55708938	0.834717223	Up
CL6618. Contigl	4.147684373	1.029682317	18.25074779	0.806902819	Up
Unigene19348	3.33453212	30.75104827	310.2088007	0.832798784	Up
Unigene21008	3.909281952	4.171182731	62.67153687	0.836181296	Up
Unigene16553	2.89665302	4159.547123	30976.01135	0.823577801	Up
Unigene21299	5.496584676	0.462551157	20.88318004	0.894762007	Up
Unigene956	4.812320893	0.623676919	17.52316739	0.843730326	Up
Unigene4720	4.981127563	2.592923577	81.89521461	0.902180369	Up
Unigene29570	7.244356267	0.03	4.548726138	0.815681313	Up
Unigene7785	5.46418851	1.248973998	55.13635352	0.922130953	Up
CL2244. Contig3	8.105532862	0.03	8.262848252	0.888445411	Up
Unigene33559	7.996103949	0.03	7.659287857	0.880816198	Up
Unigene34982	7.236571666	0.03	4.524247885	0.814710215	Up
Unigene31813	7.325270711	0.03	4.811134134	0.823447133	Up
Unigene15443	3.153523705	338.1744908	3009.165486	0.831524773	Up
CL10519. Contig2	4.367969031	2.423633565	50.04453483	0.84942625	Up
Unigene35548	7.12051492	0.03	4.174551568	0.801411805	Up
Unigene302	4.536671899	1.58006608	36.6732646	0.851706995	Up
CL1174. Contig2	7.776182019	0.03	6.576355686	0.864349097	Up
Unigene20510	3.261065238	3.32776004	31.90292162	0.802267085	Up
Unigene32295	4.524569194	0.70371498	16.19674857	0.818095696	Up
CL1874. Contig5	5.940503392	0.226503939	13.9105874	0.890654883	Up
Unigene7794	8.431190724	0.03	10.35529706	0.908413813	Up
Unigene11658	7.78023982	0.03	6.59487873	0.864898495	Up
CL9472. Contig2	4.604696029	1.847734275	44.95636002	0.86058646	Up
Unigene19936	5.220779371	2.048089539	76.3765665	0.921127187	Up
Unigene13093	4.294604335	2.944535524	57.78585222	0.848443272	Up
Unigene13805	5.845754665	0.722783766	41.56769004	0.930253139	Up
CL5873. Contig3	4.274790456	0.94805488	18.35158716	0.811945405	Up
Unigene34965	7.56322385	0.03	5.673858456	0.846290225	Up
Unigene35142	5.053616321	0.308058117	10.23111005	0.832819572	Up
Unigene33720	8.575895101	0.03	11.44782336	0.91588266	Up
Unigene8398	8.939470944	0.03	14.72889459	0.93289916	Up
CL1751. Contigl	3.747487144	7553.511321	101450.6708	0.848369029	Up
CL9322. Contig7	5.795959946	0.258080547	14.33880861	0.885918178	Up
CL1751. Contig2	3.395466773	5110.661964	53779.22063	0.838996591	Up
CL4581. Contigl	5.224773071	17.42182548	651.4889796	0.932958555	Up
Unigene6314	4.760846653	4.31912988	117.0991954	0.885814238	Up
Unigene13866	3.531486481	493.869605	5710.783006	0.842102919	Up
CL2003. Contig2	8.025549517	0.03	7.81722102	0.883257308	Up
Unigene2593	3.664617753	46.59031864	590.8204881	0.843504627	Up
CL323. Contigl	3.087267504	13.58935215	115.4938546	0.820219047	Up
Unigene36782	8.024774928	0.03	7.813025043	0.882871245	Up
Unigene33571	8.603304847	0.03	11.66739968	0.91726952	Up
Unigene36565	7.145284045	0.03	4.246841766	0.80486559	Up

Unigene1563	4. 675612334	1. 442101784	36. 85492018	0. 861319981	Up
Unigene2437	8. 529112012	0. 121111056	44. 74065564	0. 974029792	Up
Unigene21823	3. 679956057	9. 309966129	119. 3233004	0. 837057363	Up
Unigene17739	2. 866454369	8. 774073317	63. 98674309	0. 80572087	Up
Unigene24821	10. 42836698	0. 03	41. 34019504	0. 97415749	Up
Unigene22607	3. 076455889	12. 9025227	108. 8378952	0. 819446919	Up
Unigene34011	9. 483837248	0. 03	21. 48031967	0. 952240951	Up
Unigene7191	7. 838145179	0. 03	6. 864960837	0. 869385743	Up
CL903. Contig1	3. 260723017	11. 13237748	106. 6997397	0. 824566718	Up
CL10078. Contig1	3. 585461322	1. 962188257	23. 55440176	0. 800874286	Up
Unigene8652	2. 907353594	57. 42454676	430. 8223405	0. 820682323	Up
CL7027. Contig1	6. 909009603	1. 152169432	138. 4635556	0. 978133946	Up
Unigene19444	5. 214061875	4. 31047809	159. 9979675	0. 927431904	Up
Unigene2132	6. 715789534	0. 280598403	29. 49438121	0. 948837651	Up
Unigene35660	10. 90167954	0. 03	57. 39232251	0. 980842332	Up
Unigene34277	3. 14910851	4. 362187848	38. 69728401	0. 80486856	Up
Unigene35704	5. 692540713	0. 37524971	19. 40643988	0. 897835668	Up
CL10274. Contig1	6. 682247509	2. 469662047	253. 6264052	0. 977338061	Up
CL10476. Contig2	8. 641839612	0. 03	11. 98323829	0. 919110747	Up
Unigene11552	3. 108402149	6. 175593293	53. 25997673	0. 810519939	Up
CL5119. Contig1	5. 066723554	0. 210924788	7. 069088044	0. 80125738	Up
CL708. Contig2	4. 609845811	3. 333081821	81. 38565056	0. 870876543	Up
CL10547. Contig2	6. 51061066	0. 157432369	14. 35433676	0. 911050925	Up
Unigene29329	2. 91839296	9. 218785027	69. 69433971	0. 808741076	Up
Unigene35846	7. 442809159	0. 03	5. 219513963	0. 835320077	Up
Unigene34243	9. 838254042	0. 03	27. 46191548	0. 961901453	Up
CL5743. Contig1	2. 809579543	94. 54565266	662. 8408748	0. 818196667	Up
CL7027. Contig2	7. 425295101	0. 822826941	141. 4311442	0. 984506967	Up
Unigene34958	7. 543605244	0. 03	5. 59722427	0. 845019184	Up
CL10274. Contig2	5. 528363437	82. 24301534	3795. 790604	0. 942820997	Up
Unigene36386	7. 633458954	0. 03	5. 956914552	0. 852787974	Up
CL7769. Contig1	6. 170079646	0. 2333511	16. 80308028	0. 912200207	Up
Unigene13204	3. 042597807	348. 9249984	2875. 049258	0. 827952199	Up
CL3205. Contig2	6. 817463252	2. 701394649	304. 6835228	0. 980874999	Up
Unigene35277	2. 947744896	5. 423839934	41. 84720897	0. 800800043	Up
Unigene5290	7. 333218825	0. 03	4. 837712842	0. 824320231	Up
Unigene9674	8. 466345162	0. 03	10. 61072606	0. 91035601	Up
CL8818. Contig1	5. 31530087	0. 413113082	16. 4487896	0. 878505755	Up
CL2668. Contig3	7. 278317751	4. 026267044	625. 0208962	0. 989160519	Up
CL5730. Contig2	3. 431027971	2. 791711676	30. 11014855	0. 805245715	Up
CL6942. Contig1	3. 398432617	8. 028738101	84. 65984077	0. 82624461	Up
CL9052. Contig1	6. 539554556	0. 307208279	28. 57820812	0. 943159545	Up
Unigene33834	7. 177349024	0. 03	4. 342287759	0. 808206526	Up
CL1445. Contig1	4. 625902114	21. 87756115	540. 1746504	0. 882960336	Up
Unigene32934	7. 733597913	0. 03	6. 385077913	0. 861103192	Up
Unigene7710	4. 731890027	6. 191055338	164. 515007	0. 885849875	Up
CL10476. Contig4	8. 503985271	0. 03	10. 89120428	0. 912197237	Up
CL7346. Contig1	2. 518225777	499. 4587603	2861. 285075	0. 807835311	Up
CL1054. Contig1	8. 213515013	0. 722998157	214. 6108026	0. 990654289	Up
Unigene12284	5. 116665791	0. 296885803	10. 30052383	0. 839097561	Up
Unigene4612	4. 658769958	1. 126996656	28. 46768344	0. 852116817	Up

Unigene34006	7. 161468488	0. 03	4. 29475192	0. 805985175	Up
Unigene13811	7. 486584632	0. 03	5. 380316128	0. 839171804	Up
CL8816. Contig1	3. 432206993	3. 292885637	35. 54462231	0. 810460544	Up
CL10476. Contig3	4. 059630419	5. 923434121	98. 77432944	0. 846676289	Up
Unigene31779	4. 745463186	0. 799670047	21. 45050847	0. 848184907	Up
Unigene28854	2. 78407403	12. 49588044	86. 07096149	0. 806739484	Up
Unigene29433	5. 700080468	0. 355054285	18. 45822589	0. 895744984	Up
Unigene2106	3. 690971629	2. 428273243	31. 36105961	0. 813884632	Up
Unigene33708	5. 571471245	0. 277040746	13. 17418058	0. 872281221	Up
Unigene16984	3. 605531821	2. 241473438	27. 28392363	0. 807143366	Up
Unigene34490	5. 136394207	0. 252447341	8. 879316289	0. 828507537	Up
Unigene33997	7. 452758661	0. 03	5. 255634589	0. 836175356	Up
Unigene16656	5. 343222888	15. 08039153	612. 1854172	0. 935637243	Up
Unigene2354	3. 857426767	2. 351544717	34. 084302	0. 821412874	Up
Unigene5953	4. 339304911	11. 04773842	223. 6321923	0. 863119632	Up
Unigene30491	7. 24300434	0. 03	4. 544465595	0. 814710215	Up
Unigene14714	4. 117675319	7. 022336405	121. 9060933	0. 850533956	Up
Unigene35321	4. 980123383	0. 851940422	26. 88906776	0. 877807871	Up
Unigene12761	5. 209975295	1. 12291866	41. 56302413	0. 910094675	Up
CL2677. Contig2	10. 16965173	0. 03	34. 55345444	0. 96937921	Up
CL10518. Contig1	7. 25593471	1. 587565095	242. 6529278	0. 985979948	Up
Unigene35090	8. 085705785	0. 03	8. 150067999	0. 887296129	Up
CL10518. Contig2	2. 622250092	26. 98248258	166. 133739	0. 805088319	Up
Unigene12489	2. 944526498	8. 705151101	67. 01424249	0. 809174655	Up
Unigene13333	5. 026515179	0. 52471189	17. 1022302	0. 86378188	Up
Unigene19662	2. 790289825	10. 08726486	69. 78054519	0. 804411223	Up
Unigene14130	10. 99988178	0. 03	61. 43496542	0. 981896582	Up
Unigene4197	2. 498713753	86. 84937663	490. 856443	0. 804883409	Up
CL3219. Contig2	3. 772971283	13. 72508314	187. 6257808	0. 842533528	Up
Unigene31126	7. 812601042	0. 03	6. 744480643	0. 86750591	Up
Unigene2022	5. 858649149	101. 2722319	5876. 5104	0. 955329461	Up
Unigene11091	4. 475128552	5. 821751075	129. 4796631	0. 867315848	Up
Unigene19273	3. 087846659	8. 140570541	69. 21326081	0. 814428091	Up
Unigene13562	3. 156766088	8. 42064	75. 09765614	0. 817896725	Up
CL9496. Contig1	7. 403515754	0. 309623195	52. 42202625	0. 972642933	Up
CL7305. Contig2	7. 136468581	0. 03	4. 220970926	0. 803787582	Up
Unigene14298	4. 011853292	3. 253822562	52. 49066142	0. 836208023	Up
Unigene29705	7. 196178833	0. 230960105	33. 86902163	0. 960505684	Up
CL4435. Contig1	2. 758823687	189. 2204768	1280. 727736	0. 818021453	Up
Unigene17489	4. 659471105	18. 43545989	465. 9019654	0. 884804533	Up
CL6696. Contig3	3. 934299096	5. 02254576	76. 78315301	0. 839623202	Up
CL708. Contig1	4. 40492594	3. 051407258	64. 64203374	0. 855442904	Up
CL3950. Contig2	7. 589178791	0. 03	5. 776858278	0. 848930307	Up
Unigene1867	6. 599665869	0. 141405105	13. 71394731	0. 910596557	Up
Unigene30035	7. 216645088	0. 03	4. 462188313	0. 812753169	Up
Unigene29825	7. 544935095	0. 03	5. 602386073	0. 845019184	Up
Unigene35668	4. 780486048	2. 248730945	61. 80266324	0. 880171769	Up
Unigene17230	2. 45698098	279. 7410481	1535. 964476	0. 804628013	Up
CL6801. Contig1	7. 321535643	0. 03	4. 79869445	0. 823426345	Up
CL3205. Contig1	7. 252502595	0. 965208664	147. 1777083	0. 983212169	Up
CL1054. Contig2	7. 398493236	2. 754414349	464. 7267367	0. 989546583	Up

CL3440. Contig2	4. 507347722	0. 610544354	13. 88558192	0. 808577741	Up
CL10297. Contig2	4. 677087355	1. 143944394	29. 26499811	0. 854394593	Up
Unigene32942	8. 847916873	0. 03	13. 82323314	0. 928887067	Up
Unigene29955	4. 842147012	1. 09486998	31. 4046561	0. 869694594	Up
Unigene31872	5. 266771045	0. 232270416	8. 942314981	0. 835037953	Up
Unigene32172	7. 237675033	0. 03	4. 527709333	0. 814710215	Up
Unigene10098	5. 597656063	0. 344558234	16. 684954	0. 887218916	Up
Unigene3874	2. 49414528	32. 56039983	183. 4434765	0. 800440707	Up
CL9075. Contig1	5. 472504096	3. 08556312	137. 0005527	0. 932940736	Up
Unigene11219	5. 778559018	0. 456891737	25. 08030997	0. 912176449	Up
Unigene1928	2. 547040867	26817. 79748	156732. 4086	0. 809578537	Up
CL4947. Contig1	7. 794703028	0. 387380188	86. 01552088	0. 982196524	Up
Unigene34226	3. 891828592	49. 55213753	735. 5624275	0. 850575532	Up
Unigene30915	7. 192705552	0. 03	4. 38875539	0. 809409263	Up
Unigene33462	7. 449646558	0. 03	5. 24430964	0. 836175356	Up
Unigene6837	4. 267285942	2. 077334848	40. 00254065	0. 839997387	Up
CL3598. Contig1	3. 857196242	2. 640594186	38. 26779429	0. 824599385	Up
CL9527. Contig3	3. 250392151	5. 900662735	56. 15214197	0. 815803072	Up
CL4141. Contig1	4. 123885899	1. 075225869	18. 74619191	0. 807051305	Up
Unigene7602	5. 940991586	0. 271290714	16. 66677603	0. 901271634	Up
CL1557. Contig2	7. 365183455	3. 490654631	575. 5035737	0. 989831676	Up
Unigene15594	7. 234264047	0. 386821507	58. 24264463	0. 972925056	Up
Unigene20031	5. 071384955	0. 583720199	19. 62653859	0. 874900514	Up
Unigene6344	3. 81217966	362. 2593703	5088. 620398	0. 849758859	Up
Unigene29943	8. 141703276	0. 03	8. 47262835	0. 890758823	Up
CL10360. Contig2	3. 225147673	4. 543569948	42. 48771824	0. 809207322	Up
Unigene35681	4. 861054826	0. 37863304	11. 00377805	0. 818900491	Up
Unigene2581	5. 894554637	0. 166523227	9. 906325045	0. 864450067	Up
Unigene17962	4. 08463193	9. 079762853	154. 0533823	0. 850997232	Up
CL2840. Contig2	3. 456533919	8. 607368236	94. 49107148	0. 82890548	Up
Unigene3663	4. 010092619	2. 414283691	38. 89971902	0. 829630092	Up
Unigene12573	3. 697508388	16304. 80806	211532. 2675	0. 847011867	Up
CL9510. Contig2	7. 322467987	0. 03	4. 801796614	0. 823426345	Up
Unigene1611	3. 88200105	12. 93050233	190. 6400557	0. 84570519	Up
CL1557. Contig1	6. 020832298	4. 085883674	265. 2999197	0. 958640699	Up
Unigene1469	2. 939229838	140. 2361019	1075. 613333	0. 823898531	Up
Unigene2584	5. 401685455	3. 581349401	151. 3965722	0. 93172909	Up
Unigene31096	7. 579268174	0. 03	5. 737310049	0. 847629569	Up
CL2668. Contig2	6. 459415457	0. 635911299	55. 95956744	0. 95799924	Up
Unigene11461	2. 578183739	72. 35969024	432. 1229565	0. 807585855	Up
Unigene27244	7. 308495967	0. 03	4. 755517279	0. 822481974	Up
CL6544. Contig3	5. 996434361	0. 326150156	20. 82208431	0. 91482841	Up
Unigene14984	3. 022583485	6. 758904337	54. 92430788	0. 808372831	Up
CL6167. Contig2	7. 518569194	0. 03	5. 500929849	0. 84209104	Up
CL813. Contig1	5. 080623872	0. 327887721	11. 0954606	0. 841817825	Up
CL2840. Contig4	3. 561718013	3. 793061773	44. 7892586	0. 819954741	Up
CL4045. Contig1	3. 667395308	174. 9318839	2222. 618714	0. 845690341	Up
Unigene13836	4. 471613449	2. 65496378	58. 90448697	0. 857901833	Up
Unigene4282	4. 368182942	90. 11662982	1861. 054253	0. 869459986	Up
Unigene34412	6. 225833037	0. 190027547	14. 22260194	0. 904535357	Up
Unigene19597	2. 934679171	28. 13009561	215. 0788306	0. 818683701	Up

Unigene11824	5. 31703026	0. 506484513	20. 19071815	0. 888590927	Up
CL4269. Contig3	2. 767680569	9. 293201699	63. 28783407	0. 802172054	Up
Unigene11899	6. 582140834	0. 270209098	25. 8893886	0. 940807526	Up
Unigene32365	8. 513291966	0. 03	10. 96168955	0. 912639725	Up
CL6338. Contig1	3. 621063436	2. 317299345	28. 5122079	0. 808747015	Up
Unigene33189	3. 035490971	5. 944692145	48. 741984	0. 806703848	Up
CL912. Contig3	7. 244643081	0. 03	4. 549630535	0. 815681313	Up
CL9997. Contig1	2. 928719963	23. 83322705	181. 4744163	0. 817783876	Up
Unigene2095	2. 501265963	4874. 246128	27597. 10572	0. 807621491	Up
Unigene19658	4. 283277921	0. 826687803	16. 09669312	0. 805447656	Up
Unigene15674	5. 093954538	0. 630578888	21. 53637172	0. 880810259	Up
Unigene36976	7. 365870348	0. 03	4. 948449853	0. 827895775	Up
CL7351. Contig1	8. 139678064	0. 055488616	15. 64916407	0. 934657235	Up
CL9510. Contig1	7. 735271679	0. 03	6. 392489963	0. 861115071	Up
CL9945. Contig1	5. 885132755	0. 428693979	25. 33663129	0. 917331884	Up
CL10547. Contig1	8. 420717792	0. 03	10. 28039721	0. 9079149	Up
Unigene11817	9. 547937767	0. 03	22. 45623371	0. 954245513	Up
Unigene12990	4. 820971914	5. 502245514	155. 5238932	0. 892804961	Up
Unigene31845	9. 849578839	0. 03	27. 67833299	0. 962156849	Up
Unigene31921	8. 142081669	0. 03	8. 474850857	0. 890758823	Up
Unigene188	3. 584952124	2. 4483063	29. 37946429	0. 808660894	Up
CL685. Contig1	2. 560505377	38. 34169575	226. 1831453	0. 804375587	Up
Unigene5850	4. 218932301	1. 276603777	23. 77285259	0. 821219842	Up
Unigene31935	8. 169399002	0. 03	8. 636850472	0. 892724778	Up
Unigene12619	9. 296465849	0. 03	18. 86411038	0. 946420299	Up
CL6167. Contig1	9. 407807183	0. 03	20. 37761769	0. 949954266	Up
Unigene19135	4. 914313589	0. 408358375	12. 3139466	0. 831506955	Up
CL6909. Contig1	4. 372992027	9. 18667551	190. 3531848	0. 863767031	Up
Unigene33785	2. 763621238	12. 12781316	82. 35981964	0. 805738688	Up
Unigene31842	7. 838265114	0. 03	6. 865531562	0. 869385743	Up
Unigene16585	3. 295146868	533. 2996685	5234. 911708	0. 83570911	Up
CL6874. Contig3	4. 835109029	82. 77576173	2362. 740556	0. 901485454	Up
CL5497. Contig1	3. 549724144	2. 106053787	24. 66282959	0. 801566231	Up
Unigene711	2. 820688796	8. 402251517	59. 36187552	0. 80253139	Up
Unigene7200	3. 783074357	15. 85581841	218. 2767711	0. 84368578	Up
Unigene13514	4. 094407106	0. 980838766	16. 75471233	0. 800313009	Up
Unigene3139	7. 513639273	0. 03	5. 482164368	0. 842043524	Up
Unigene36275	7. 173937296	0. 03	4. 332031119	0. 807086942	Up
Unigene30772	8. 1785179	0. 03	8. 691614638	0. 893318722	Up
Unigene963	7. 364148361	0. 03	4. 942546954	0. 827851229	Up
Unigene33932	7. 146709367	0. 03	4. 251039539	0. 80486559	Up
CL10085. Contig1	4. 781352289	1. 363201501	37. 48784835	0. 869896535	Up
Unigene31749	4. 084760668	1. 714654729	29. 09458506	0. 823438224	Up
CL6074. Contig6	4. 954195507	0. 357536168	11. 08361505	0. 827975957	Up
Unigene5169	5. 264390599	0. 954334137	36. 68089623	0. 908511814	Up
Unigene35870	8. 020957806	0. 03	7. 792380452	0. 882871245	Up
Unigene17233	2. 912554261	41290. 05585	310893. 5178	0. 823815378	Up
CL7464. Contig2	8. 37926482	0. 03	9. 989213772	0. 905423304	Up
CL9472. Contig1	8. 484639921	0. 03	10. 74613701	0. 911134077	Up
CL73. Contig2	7. 154913876	0. 03	4. 275283787	0. 805848568	Up
CL7336. Contig1	3. 003120269	5. 589634517	44. 81389514	0. 803671763	Up

Unigene7440	7.849886253	0.03	6.921057852	0.870380599	Up
CL8954.Contig2	5.624224763	0.14337739	7.071980044	0.822464155	Up
Unigene13249	3.079692877	6.020740575	50.90141414	0.808782652	Up
Unigene36471	5.064254486	0.429287869	14.36286643	0.857257404	Up
Unigene5221	5.616053773	0.984358311	48.27850966	0.924530487	Up
Unigene13041	6.153555261	0.332105361	23.64180332	0.926983476	Up
CL1289.Contig2	3.324666558	3.843294851	38.50596959	0.809578537	Up
Unigene7377	8.827654516	0.03	13.63044565	0.927933787	Up
Unigene15363	2.999935308	17.16720428	137.331476	0.818900491	Up
Unigene1988	2.646265053	4849.371208	30359.21845	0.813311476	Up
Unigene35409	5.214851798	0.317178583	11.7796034	0.854840051	Up
CL4269.Contig2	7.244210264	0.03	4.548265823	0.815681313	Up
Unigene9639	7.151175538	0.190027547	27.01064186	0.952582469	Up
Unigene20268	4.71474831	1.619846647	42.53579604	0.86718221	Up
CL4679.Contig4	4.837585798	0.993828708	28.41645969	0.866323961	Up
Unigene16934	2.906547739	6.443855549	48.3174326	0.801741444	Up
CL9129.Contig2	6.057044581	6.400715854	426.1678192	0.962373638	Up
Unigene33098	7.924656611	0.03	7.289212308	0.875818158	Up
CL10285.Contig1	2.796113874	15.8125767	109.8289401	0.809914116	Up
Unigene30081	5.73015838	0.238374039	12.65343699	0.875167789	Up
Unigene8	3.26842346	10.24772454	98.74632527	0.823981683	Up
Unigene2819	6.758546007	1.474723524	159.6745434	0.976699571	Up
CL396.Contig1	-7.891997311	7.126055016	0.03	0.873676989	Down
Unigene9812	-4.268311288	32.73164055	1.698548862	0.834417281	Down
Unigene5439	-7.348733006	4.890016445	0.03	0.82614067	Down
Unigene29251	-7.782874031	6.606931293	0.03	0.864898495	Down
Unigene31806	-7.543711829	184.4965237	0.988791327	0.986983714	Down
CL831.Contig1	-3.000092624	104.2202947	13.02670047	0.816631624	Down
Unigene19140	-8.68773471	83.27734499	0.201956636	0.984391148	Down
CL2285.Contig1	-7.95074597	7.422227801	0.03	0.877576233	Down
Unigene24103	-4.868499556	11.37441544	0.389371972	0.822179062	Down
Unigene2633	-5.789991813	46.04665847	0.832217625	0.929953197	Down
Unigene11536	-6.105082944	13.45266929	0.195431864	0.896876448	Down
CL9563.Contig5	-4.68387614	32.72234441	1.273084403	0.857967167	Down
CL5701.Contig1	-6.960756777	66.87910343	0.536900564	0.971413468	Down
CL8392.Contig1	-7.119700051	4.172194345	0.03	0.801411805	Down
CL9981.Contig2	-9.655732473	24.19838372	0.03	0.957420144	Down
CL7841.Contig3	-3.990327167	43.21413806	2.719053077	0.831468349	Down
Unigene3792	-2.852214386	341.9620732	47.35609217	0.817795754	Down
Unigene14287	-7.484306447	5.371826682	0.03	0.839151016	Down
CL2141.Contig1	-6.75411993	5.553568369	0.051449295	0.833490729	Down
Unigene14108	-9.234286482	18.06834915	0.03	0.944201917	Down
Unigene4659	-5.97205255	24.90033541	0.396678118	0.920586698	Down
Unigene551	-3.743053206	85.03805072	6.350998441	0.835302258	Down
Unigene20203	-5.291385785	8.682238553	0.221700093	0.832917572	Down
Unigene32201	-7.897988592	7.155709914	0.03	0.874110569	Down
Unigene18080	-4.968987526	33.50459421	1.069769148	0.883970041	Down
Unigene18608	-3.632001521	64.85579994	5.231273405	0.828837176	Down
Unigene14986	-5.190974191	11.1706511	0.305801456	0.849966739	Down
Unigene30513	-5.364873289	12.97823553	0.314940033	0.865144982	Down
Unigene20963	-7.131725745	199.0790459	1.419587546	0.983553687	Down

CL6409. Contig1	-3. 786131687	32. 82824128	2. 379624389	0. 81827091	Down
CL1552. Contig2	-4. 797174156	13. 87148251	0. 498918449	0. 829594455	Down
CL7268. Contig4	-5. 948750447	5. 19337482	0. 084080899	0. 800728769	Down
Unigene34573	-5. 885647606	27. 77518567	0. 469786462	0. 920533243	Down
CL10312. Contig1	-6. 55811664	91. 08648384	0. 966638556	0. 967089555	Down
Unigene23932	-7. 230509485	4. 505276953	0. 03	0. 813768813	Down
Unigene10669	-6. 080287452	12. 48584994	0. 184530945	0. 890761793	Down
CL10405. Contig1	-9. 46605191	1819. 553023	2. 572759262	0. 998108288	Down
Unigene18230	-4. 493074393	23. 35286514	1. 037026863	0. 833668912	Down
Unigene9227	-4. 337676902	79. 93829589	3. 953520788	0. 855214236	Down
Unigene19405	-3. 99650459	51. 93567267	3. 253853546	0. 835664564	Down
Unigene14390	-6. 099106964	190. 4008987	2. 77750501	0. 960879869	Down
CL5912. Contig2	-3. 144689731	71. 74991564	8. 11288759	0. 816518775	Down
Unigene2090	-6. 78554106	69. 00046551	0. 625461562	0. 96926339	Down
Unigene29156	-7. 320727247	4. 796006313	0. 03	0. 823426345	Down
CL6651. Contig1	-6. 047718659	219. 1298908	3. 31250773	0. 959344523	Down
Unigene14862	-4. 542138927	13. 50337204	0. 579591719	0. 808672772	Down
Unigene32830	-9. 227625882	17. 9851239	0. 03	0. 943985128	Down
CL5158. Contig2	-9. 725883854	25. 40411261	0. 03	0. 959127734	Down
Unigene33707	-8. 820553678	13. 56352244	0. 03	0. 927618997	Down
Unigene12464	-2. 852763124	344. 2539031	47. 65534327	0. 817831391	Down
Unigene19023	-7. 057056474	1305. 772321	9. 80577172	0. 987871661	Down
CL6686. Contig2	-7. 151465443	4. 2650769	0. 03	0. 80486559	Down
Unigene10373	-6. 392646385	356. 1859202	4. 239341813	0. 971345165	Down
CL9300. Contig1	-3. 234241154	233. 7969165	24. 84478132	0. 828540204	Down
Unigene30342	-8. 126393483	8. 38319271	0. 03	0. 889823361	Down
Unigene14605	-2. 67462292	326. 5756273	51. 14957666	0. 810736728	Down
Unigene25146	-3. 534586935	39. 4361371	3. 403123249	0. 816064407	Down
CL9004. Contig1	-4. 36292632	34. 57380775	1. 680256258	0. 840252783	Down
CL1050. Contig2	-4. 361104924	55. 20329281	2. 686220055	0. 850988323	Down
Unigene1050	-8. 395257539	10. 10056331	0. 03	0. 906433009	Down
Unigene13431	-3. 273847248	167. 5263441	17. 32035895	0. 828124443	Down
Unigene9854	-5. 93930603	11. 00217424	0. 179295442	0. 874882696	Down
Unigene31811	-5. 23216624	10. 3679594	0. 275838135	0. 84634665	Down
Unigene2601	-10. 14399165	615. 2339444	0. 54374406	0. 996819429	Down
CL8340. Contig1	-8. 598500425	242. 149105	0. 624706928	0. 992153998	Down
Unigene38328	-7. 286294612	4. 682895755	0. 03	0. 819675588	Down
Unigene3851	-4. 333467189	47. 20254029	2. 341325324	0. 846284285	Down
CL5294. Contig1	-2. 901347766	84. 57636634	11. 3202578	0. 81071891	Down
Unigene13528	-3. 85212832	38. 79024899	2. 686064245	0. 824703325	Down
CL4293. Contig1	-4. 235842071	59. 28637227	3. 146584192	0. 846717865	Down
Unigene19311	-6. 849812698	459. 3207957	3. 98214456	0. 98266871	Down
CL8937. Contig1	-7. 938893164	22. 24559096	0. 090656505	0. 950759061	Down
Unigene17410	-7. 179775483	10. 44254497	0. 072024221	0. 902305097	Down
Unigene2329	-4. 614527687	238. 3531819	9. 729929743	0. 878871031	Down
Unigene11902	-2. 723932908	75. 89417273	11. 48743111	0. 80295903	Down
Unigene10785	-3. 966210933	54. 88477093	3. 511586704	0. 835893233	Down
Unigene15868	-4. 672460972	96. 56685486	3. 786841961	0. 877029804	Down
Unigene32122	-4. 150460958	18. 41798993	1. 037119947	0. 807321549	Down
Unigene8554	-2. 761718873	257. 6753051	37. 99378656	0. 81412518	Down
CL6816. Contig1	-4. 716478931	567. 9673054	21. 60337998	0. 889713481	Down

CL4321. Contig1	-9. 03740122	35. 4312354	0. 067430665	0. 969180238	Down
Unigene30227	-7. 280219944	4. 663219226	0. 03	0. 81869261	Down
Unigene10784	-6. 273045698	88. 0537543	1. 138604663	0. 960179015	Down
Unigene1673	-7. 019129067	19. 03070934	0. 146719076	0. 936599432	Down
CL3759. Contig1	-10. 11882846	153. 9688552	0. 138472009	0. 991251203	Down
CL9260. Contig1	-7. 125160127	4. 188014502	0. 03	0. 80263236	Down
Unigene16518	-4. 615290193	12. 42305222	0. 506859422	0. 808259981	Down
Unigene27309	-7. 514740179	5. 486349347	0. 03	0. 842043524	Down
CL3753. Contig2	-5. 67788726	32. 2791163	0. 630532184	0. 916702303	Down
Unigene10256	-9. 612462982	894. 0139693	1. 142101271	0. 997270827	Down
Unigene8080	-3. 941504135	20. 62910189	1. 342670194	0. 805423898	Down
Unigene21210	-6. 290674838	23. 37805007	0. 298625208	0. 930294715	Down
CL7151. Contig2	-6. 415910873	5. 299821873	0. 062069701	0. 820043833	Down
Unigene7704	-7. 142125655	4. 237554624	0. 03	0. 803787582	Down
CL7992. Contig1	-7. 394421967	5. 047357509	0. 03	0. 830479432	Down
CL7856. Contig2	-6. 136870594	44. 37228832	0. 630564763	0. 94566302	Down
Unigene6439	-8. 41390564	152. 6619564	0. 447602852	0. 989326824	Down
Unigene8515	-5. 111841378	19. 89393387	0. 575311536	0. 878698787	Down
CL2776. Contig1	-5. 305302725	11. 15260949	0. 282046841	0. 853408645	Down
Unigene13487	-3. 604306484	397. 5368103	32. 68684349	0. 840986304	Down
Unigene22514	-5. 087670739	7. 814543648	0. 229806401	0. 813017474	Down
CL3078. Contig1	-10. 04632184	31. 72235883	0. 03	0. 966804462	Down
Unigene13147	-7. 459360043	85. 45858773	0. 485584248	0. 980132568	Down
Unigene33433	-9. 295738827	18. 85460652	0. 03	0. 946328237	Down
Unigene35785	-6. 2224464	36. 20816358	0. 484912619	0. 943382274	Down
CL9920. Contig2	-2. 804281414	76. 79401987	10. 99397082	0. 805919841	Down
Unigene22595	-7. 196287721	4. 39966608	0. 03	0. 810591212	Down
Unigene19282	-4. 858749944	932. 3072513	32. 13139548	0. 90237934	Down
Unigene18741	-5. 363402931	249. 1041613	6. 051120778	0. 933306012	Down
Unigene38411	-7. 605369697	5. 842055274	0. 03	0. 850234014	Down
Unigene31754	-7. 31300203	4. 770393716	0. 03	0. 822481974	Down
Unigene2093	-3. 377946174	142. 1943671	13. 67789516	0. 830247793	Down
Unigene14980	-2. 636716697	174. 6127614	28. 07664201	0. 806412815	Down
Unigene30679	-7. 471941347	5. 325982387	0. 03	0. 838316525	Down
Unigene33295	-10. 30749134	38. 01765529	0. 03	0. 972054928	Down
CL5408. Contig3	-5. 394178586	214. 1093978	5. 09127052	0. 933279284	Down
CL8356. Contig3	-3. 261590087	47. 43865788	4. 946476429	0. 81284226	Down
Unigene5077	-7. 605137481	5. 841115014	0. 03	0. 850234014	Down
CL10083. Contig2	-8. 080260198	8. 119362794	0. 03	0. 886933823	Down
CL4607. Contig3	-4. 414173576	4184. 633944	196. 2722138	0. 871915945	Down
Unigene30578	-2. 938230773	47. 8260381	6. 239773258	0. 802979818	Down
Unigene18845	-5. 051677146	490. 1467902	14. 77814126	0. 920319423	Down
CL5957. Contig1	-5. 064443872	15. 74223296	0. 470453624	0. 862703871	Down
Unigene3249	-7. 433013606	5. 184194754	0. 03	0. 83454201	Down
Unigene34908	-7. 240730143	4. 537307556	0. 03	0. 814710215	Down
Unigene34739	-7. 412099854	5. 109585156	0. 03	0. 832130596	Down
CL4968. Contig1	-10. 41357285	40. 91843785	0. 03	0. 973857548	Down
CL3818. Contig3	-5. 059247678	11. 46983068	0. 344010501	0. 842379103	Down
Unigene27757	-7. 489376983	5. 390739869	0. 03	0. 839875628	Down
Unigene10262	-2. 635906543	287. 3296258	46. 22676182	0. 80870247	Down
Unigene12649	-3. 578268062	137. 4986207	11. 51151072	0. 835373531	Down

Unigene19142	-6.178836933	39.32649841	0.542837728	0.944273191	Down
Unigene5220	-5.513519	21.50080596	0.470673925	0.896234988	Down
Unigene5845	-2.851225259	230.4145654	31.93049137	0.816260409	Down
CL1050. Contigl	-4.311824567	49.44281174	2.489514326	0.846349619	Down
Unigene32533	-7.415636053	5.122124656	0.03	0.832965088	Down
Unigene9479	-8.668867487	12.20985192	0.03	0.920589668	Down
Unigene5598	-7.472919553	5.329594847	0.03	0.838316525	Down
Unigene3980	-5.76041272	14.52506059	0.267954427	0.885068838	Down
CL8355. Contig2	-8.391963691	10.07752881	0.03	0.90621028	Down
CL1970. Contig2	-3.824347963	23.43960876	1.654652912	0.807134457	Down
Unigene3747	-4.020676328	120.8346081	7.444699292	0.847044534	Down
CL7792. Contigl	-4.037661758	42.50254778	2.587960615	0.832813632	Down
Unigene4876	-7.081728682	46.50380236	0.343301507	0.966768825	Down
Unigene21454	-9.004528624	15.40829084	0.03	0.935583788	Down
CL3759. Contig4	-8.941372945	63.64748428	0.129467208	0.981186819	Down
CL9729. Contigl	-6.257578743	50.59948513	0.661343662	0.951976646	Down
Unigene17836	-3.822763125	21.85539164	1.544515341	0.804259767	Down
Unigene4572	-4.769778603	23.82700347	0.873419725	0.854272834	Down
Unigene16608	-2.99388261	135.1853194	16.96996953	0.818541154	Down
Unigene14487	-3.821192961	994.5632495	70.36208607	0.848853094	Down
Unigene32303	-8.484311754	10.74369289	0.03	0.911134077	Down
Unigene26504	-3.732367906	36.35597988	2.735401998	0.819494435	Down
CL5515. Contigl	-10.15680074	34.24703188	0.03	0.969153511	Down
Unigene7094	-7.409233601	62.13329036	0.365529804	0.975505743	Down
CL4873. Contig2	-6.422910563	16.22970538	0.189156773	0.916158844	Down
Unigene4522	-2.929188708	146.3572114	19.21500324	0.81646532	Down
Unigene9716	-4.284765846	23.60465809	1.211029354	0.823444163	Down
Unigene2472	-2.892866229	103.0618535	13.87581305	0.812607652	Down
Unigene36756	-8.443249417	10.44221402	0.03	0.909099818	Down
Unigene25777	-8.612130719	11.73899528	0.03	0.917688251	Down
CL5515. Contig2	-7.517516531	140.9963206	0.769502103	0.985207821	Down
Unigene22062	-4.480478492	16.98738575	0.760971037	0.818558973	Down
Unigene4289	-4.224825476	145.1555078	7.763084702	0.855600299	Down
Unigene32908	-7.237690662	4.527758384	0.03	0.814710215	Down
CL9707. Contigl	-2.809037074	91.90960189	13.11464281	0.80827186	Down
CL7145. Contig2	-5.364399818	14.25200272	0.345963787	0.871149757	Down
Unigene570	-6.685022305	51.4430952	0.499959535	0.962581519	Down
Unigene35039	-7.981169284	103.7242737	0.410496112	0.98490491	Down
Unigene1077	-7.729537385	6.367132097	0.03	0.860610218	Down
CL396. Contig2	-7.464816275	5.299743679	0.03	0.837562216	Down
Unigene11503	-2.596435198	173.7936917	28.73618641	0.804856681	Down
Unigene17496	-2.476580144	224.1259004	40.26865622	0.801245501	Down
Unigene10206	-3.829892167	253.3607959	17.81668872	0.845684402	Down
Unigene2618	-7.202840479	375.5227169	2.548972653	0.987037169	Down
Unigene2751	-8.634119574	747.4572319	1.881297032	0.995693905	Down
Unigene1191	-4.766826403	24.64128019	0.905118696	0.855609209	Down
Unigene33364	-4.989935172	15.97312228	0.502654591	0.855710179	Down
CL8852. Contigl	-2.937254045	47.64607811	6.220504176	0.802914484	Down
Unigene14981	-6.41731714	407.0466255	4.762546268	0.97245881	Down
Unigene12562	-4.180868964	73.62914752	4.05959591	0.847579084	Down
CL1644. Contigl	-8.787258383	13.25408061	0.03	0.926232137	Down

Unigene15578	-6.75310477	12.61471058	0.116947298	0.909016666	Down
Unigene14389	-4.699898291	278.7130428	10.72375616	0.886087452	Down
Unigene5140	-8.639637119	11.96495802	0.03	0.919110747	Down
Unigene3247	-2.595506019	123.7963877	20.4824926	0.802451207	Down
CL10083. Contig1	-7.157312127	4.282396676	0.03	0.805985175	Down
Unigene5760	-2.62101387	4659.688065	757.4483963	0.81188898	Down
Unigene19421	-6.005200709	5.939399093	0.092469171	0.820388321	Down
Unigene8043	-8.811375306	1284.299867	2.858763099	0.996944157	Down
CL9696. Contig2	-2.63853874	127.4428014	20.46614298	0.804194434	Down
Unigene1038	-4.964773324	18.05585221	0.578192294	0.859057054	Down
Unigene19937	-6.68206932	117.7084858	1.146316317	0.972723115	Down
CL623. Contig1	-4.048641172	92.35110983	5.580584447	0.845565613	Down
Unigene4153	-3.502611506	57.60058704	5.082013133	0.823390708	Down
Unigene12552	-5.755639601	1229.201395	22.7511252	0.950197783	Down
Unigene35680	-4.533807913	48.64063396	2.09984409	0.85761674	Down
CL5314. Contig1	-5.452716845	11.47614779	0.262038319	0.859039236	Down
Unigene33041	-7.763893025	49.10395542	0.225918499	0.97362591	Down
Unigene15602	-6.790457169	15.32697839	0.138460295	0.921822102	Down
Unigene29002	-8.132882275	8.420982614	0.03	0.890444033	Down
Unigene20789	-2.91258457	85.92630632	11.41171253	0.811060428	Down
Unigene2356	-3.104950675	107.3136083	12.47301686	0.81976171	Down
Unigene21938	-3.585880004	23.66082927	1.970482217	0.80104653	Down
CL8275. Contig1	-7.156305781	4.279410548	0.03	0.805985175	Down
Unigene38292	-7.18104242	4.353418549	0.03	0.808206526	Down
CL7602. Contig1	-2.984031622	106.1019959	13.41036281	0.816334652	Down
Unigene10664	-4.112502936	104.3208221	6.030929615	0.849031277	Down
Unigene2178	-2.727980926	74.2524515	11.20744743	0.803348063	Down
Unigene1938	-7.791998504	527.5812657	2.380477547	0.992367818	Down
Unigene6087	-4.481835864	26.87884243	1.202938793	0.838396707	Down
Unigene4099	-3.156313629	59.85773361	6.713904989	0.814463728	Down
CL2997. Contig5	-5.758963538	161.7290919	2.986533422	0.943872278	Down
Unigene34217	-3.957056267	19.90151134	1.281425693	0.8045508	Down
Unigene16805	-6.788982207	302.9673364	2.73973479	0.980370146	Down
Unigene36436	-9.532251152	22.21338673	0.03	0.953699084	Down
Unigene26345	-5.091360765	7.14986217	0.209722662	0.803956856	Down
Unigene2081	-4.073367109	33.2555049	1.975412796	0.827334497	Down
CL7962. Contig2	-5.856810687	418.1593324	7.215494467	0.952237982	Down
Unigene31281	-6.569201904	27.23355884	0.286798963	0.942378509	Down
Unigene379	-2.967111332	87.34431002	11.16979254	0.813893541	Down
Unigene3766	-6.805690238	222.2366562	1.986546756	0.979384199	Down
CL8347. Contig1	-7.291265314	4.699058163	0.03	0.820590262	Down
Unigene33284	-8.095816376	8.207385325	0.03	0.888062317	Down
Unigene16579	-5.082412726	1423.257406	42.00730031	0.925157098	Down
Unigene13329	-3.749858087	225.3684021	16.75225448	0.842842379	Down
Unigene4284	-2.646738188	18231.26242	2911.180656	0.81327287	Down
Unigene24921	-7.949732742	7.417016884	0.03	0.877576233	Down
Unigene14288	-3.379116411	42.17231788	4.053331024	0.813644085	Down
CL2303. Contig3	-5.371174681	121.4026534	2.933212234	0.929293919	Down
Unigene11548	-7.5178544	5.498205046	0.03	0.84209104	Down
Unigene33563	-7.837189018	33.49751331	0.146481774	0.964743476	Down
Unigene20949	-5.691835836	57.00353897	1.102779037	0.930259078	Down

Unigene36461	-7.624499086	5.920033737	0.03	0.851564449	Down
Unigene7950	-3.225997359	42.92874343	4.588029541	0.809486476	Down
CL9981.Contigl	-6.801358754	33.80011622	0.303043656	0.954747396	Down
CL5223.Contig2	-8.12497421	8.374949672	0.03	0.889820391	Down
CL10262.Contigl	-3.036822868	58.1770036	7.088862858	0.810175451	Down
Unigene424	-4.588077477	14.33520664	0.596012015	0.815624889	Down
CL8537.Contigl	-4.335996359	19.0082721	0.941190803	0.816747443	Down
CL546.Contig3	-4.086810635	82.42749206	4.850868465	0.845711129	Down
Unigene21285	-4.943954137	64.71452409	2.102438348	0.895159949	Down
Unigene13496	-3.623579858	44.51939695	3.61196093	0.821501966	Down
Unigene10269	-7.224348054	1230.199756	8.226785487	0.989825737	Down
Unigene21158	-2.71544525	325.8731252	49.61558014	0.813358992	Down
Unigene5279	-8.001923807	7.690247968	0.03	0.88122008	Down
Unigene18784	-4.901478515	272.3829478	9.113555855	0.902726798	Down
Unigene16444	-7.964297028	7.492272325	0.03	0.878737394	Down
CL6026.Contig2	-4.034407855	52.72713743	3.217780496	0.83698312	Down
CL8757.Contigl	-7.927846907	7.305349105	0.03	0.876245798	Down
Unigene4573	-4.360083773	260.0245824	12.66188627	0.864889586	Down
CL4876.Contig2	-5.322448344	4627.566017	115.6474394	0.937252771	Down
Unigene36234	-8.191428418	8.769743998	0.03	0.893924545	Down
Unigene23418	-10.63587234	47.73510239	0.03	0.977290546	Down
CL1949.Contigl	-4.818295816	12.1919261	0.432136304	0.82252058	Down
Unigene30743	-5.350232263	9.855217691	0.241593823	0.844894456	Down
Unigene16691	-5.411957429	76.49170598	1.796605917	0.92566492	Down
Unigene19675	-5.330136782	43.5871899	1.083497262	0.914169132	Down
Unigene29646	-4.020461533	73.52033285	4.530310268	0.841954433	Down
CL7828.Contig2	-3.170087375	37.17426485	4.130009019	0.804286495	Down
CL3104.Contig2	-7.441896969	54.53686197	0.313657685	0.973596213	Down
Unigene10196	-2.533135138	142.651074	24.64480499	0.800814891	Down
Unigene9918	-7.783916641	112.3333519	0.509701985	0.984800969	Down
Unigene5977	-2.741559998	144.4392406	21.59699869	0.810193269	Down
CL981.Contig2	-5.907270092	121.0473124	2.016924591	0.948502073	Down
Unigene2919	-3.632556456	77.53624372	6.251673716	0.83135253	Down
Unigene37014	-7.131161561	4.205472414	0.03	0.80263236	Down
Unigene5128	-5.219040618	9.431455235	0.253215877	0.838411556	Down
CL5829.Contig3	-5.322383251	83.1040701	2.076946394	0.924482972	Down
Unigene10276	-9.457172928	17588.48754	25.02279224	0.998853688	Down
Unigene32776	-5.103928764	7.856000688	0.22843669	0.814142998	Down
Unigene27894	-7.435567622	5.193380508	0.03	0.834571707	Down
Unigene37130	-7.367708991	4.954760427	0.03	0.827895775	Down
CL7849.Contigl	-5.452721339	81.14628697	1.852831696	0.927414086	Down
Unigene37198	-8.10629631	8.267221959	0.03	0.888822565	Down
CL6845.Contigl	-7.308863781	4.756729849	0.03	0.822481974	Down
CL4579.Contig2	-10.81264963	53.95766218	0.03	0.979698989	Down
Unigene21481	-2.860700799	97.93602261	13.48297451	0.8109357	Down
Unigene32148	-8.025912915	7.819190331	0.03	0.883257308	Down
CL6388.Contig2	-4.234697933	19.56641475	1.039298151	0.813507478	Down
Unigene19408	-3.27536904	167.6798763	17.31795541	0.828326384	Down
Unigene1233	-6.254819164	17.5949282	0.230408933	0.916746849	Down
Unigene14327	-7.610962823	5.864748061	0.03	0.850234014	Down
CL6626.Contigl	-4.601339526	36.65341738	1.509987162	0.855573572	Down

Unigene11559	-2.745407542	115.5011467	17.22408958	0.809005381	Down
Unigene20071	-9.77195855	26.22852661	0.03	0.960238409	Down
Unigene488	-5.881895959	8.266349505	0.140180191	0.848398727	Down
Unigene3617	-4.486494151	289.7577685	12.92604828	0.872150553	Down
Unigene19439	-8.062486282	102.465067	0.383288349	0.985077153	Down
CL6937. Contigl	-5.434851792	6.789591666	0.156960453	0.812337408	Down
CL4148. Contigl	-7.961905837	7.479864562	0.03	0.878404785	Down
CL8719. Contigl	-4.424589398	26.69526837	1.243083105	0.834830073	Down
Unigene26203	-8.121618851	8.355494205	0.03	0.889820391	Down
Unigene24268	-7.751284836	6.463838473	0.03	0.862237625	Down
Unigene1440	-5.058375766	37564.01391	1127.325051	0.924260243	Down
CL7455. Contig2	-4.210989049	25.82603305	1.394516596	0.824038107	Down
Unigene12661	-7.671675376	498.832947	2.446531011	0.991580842	Down
Unigene17868	-3.410118726	74.50944378	7.009116783	0.824884478	Down
Unigene17873	-3.587454081	33.66082424	2.800228423	0.813308506	Down
Unigene4069	-7.413319047	5.113904992	0.03	0.832130596	Down
Unigene505	-7.749006825	404.1315057	1.878621196	0.991417507	Down
Unigene34738	-5.422788261	70.69426878	1.648019249	0.924975945	Down
Unigene4866	-7.468148386	3221.650002	18.19456517	0.992816246	Down
CL10274. Contig3	-7.516545531	5.493219124	0.03	0.84209104	Down
Unigene2647	-2.699097784	80.70250106	12.42732339	0.801881021	Down
Unigene3623	-5.626291901	194.1613535	3.930792914	0.939987884	Down
Unigene6609	-2.591654052	482.9550606	80.12003184	0.808176829	Down
Unigene9979	-3.008690455	91.24927683	11.33765811	0.815431857	Down
Unigene16771	-5.59512031	19.43451444	0.402044988	0.8947234	Down
CL5713. Contigl	-7.254308779	4.580214264	0.03	0.816759322	Down
Unigene15502	-3.62557528	95.83359831	7.764453338	0.833725336	Down
Unigene8857	-4.351172483	47.0720214	2.306372307	0.847175202	Down
CL10534. Contig2	-2.760581785	84.52786335	12.47331725	0.806056448	Down
Unigene6643	-3.136569323	92.95317841	10.56970326	0.819628072	Down
CL6702. Contigl	-9.044383735	210.4646758	0.39861021	0.992145089	Down
Unigene33814	-10.37761651	39.91122951	0.03	0.973281423	Down
Unigene20880	-5.133456665	11.38127594	0.324239944	0.847391991	Down
CL3964. Contigl	-2.7253437	65.9380903	9.970711788	0.801637504	Down
Unigene4857	-7.202234557	157.785069	1.071463217	0.983063683	Down
Unigene18973	-4.994641205	257.8942944	8.089187719	0.911463716	Down
Unigene13899	-4.96356286	9.421835609	0.301963337	0.816284167	Down
CL7217. Contig2	-8.782568958	13.21106867	0.03	0.925914377	Down
CL3155. Contigl	-3.843515197	29.57795477	2.060415353	0.816224772	Down
Unigene35544	-4.80824131	123.2309995	4.398403929	0.890396517	Down
CL543. Contigl	-3.156314807	93.20911886	10.45473358	0.820358623	Down
Unigene30784	-8.556211098	11.29269099	0.03	0.914709621	Down
Unigene18655	-6.773960647	28.30723889	0.258661723	0.948519891	Down
Unigene12858	-2.855587227	356.4434958	49.24626341	0.818564912	Down
Unigene13596	-7.214597095	4.45585846	0.03	0.812670017	Down
Unigene15269	-3.7045132	27.44626792	2.10529862	0.809715144	Down
Unigene6975	-8.12060738	8.349638234	0.03	0.889493722	Down
Unigene14942	-9.793661749	1088.936469	1.226920969	0.99776677	Down
Unigene3785	-2.654628388	358.2858138	56.89928913	0.809679508	Down
Unigene10553	-7.052367738	40.16802665	0.302626021	0.963089341	Down
Unigene11197	-7.955377592	676.7875557	2.726748499	0.993644798	Down

Unigene2407	-2.742654047	109.3079197	16.33166614	0.807963009	Down
Unigene12188	-9.857531897	27.831335	0.03	0.96235582	Down
Unigene9048	-5.288040068	55.1358249	1.411156556	0.918023829	Down
Unigene28434	-4.46106441	14.34894413	0.651486986	0.807752159	Down
Unigene5834	-8.5478933	1064.272879	2.843679925	0.996225485	Down
Unigene5961	-3.146070598	577.38485	65.2234498	0.829481606	Down
Unigene10705	-9.136898954	3208.377956	5.699081547	0.998117197	Down
CL4182.Contig2	-5.448141099	10.69907017	0.245071125	0.853984771	Down
Unigene31334	-8.917381569	14.50509541	0.03	0.931987456	Down
Unigene34553	-7.687418234	6.183932385	0.03	0.857195039	Down
Unigene10410	-8.170844013	45.08544824	0.156447005	0.973272513	Down
Unigene32422	-3.885166395	21.78420715	1.474314494	0.806383118	Down
CL3646.Contig1	-2.503808204	244.8898348	43.17669397	0.802590784	Down
Unigene5650	-10.92680334	58.40053401	0.03	0.981121485	Down
CL9300.Contig2	-3.245731724	289.2643172	30.49525414	0.83018246	Down
Unigene15356	-6.74174515	76.81471763	0.717756154	0.969637575	Down
Unigene20356	-3.892606067	39.12625851	2.634372186	0.826191155	Down
CL7856.Contig1	-7.04987889	79.81278738	0.602347992	0.97501277	Down
CL9632.Contig1	-3.215370711	57.40595166	6.180646283	0.8151824	Down
CL1511.Contig1	-6.048103912	68.6375956	1.037292809	0.949606809	Down
CL5094.Contig1	-7.874960476	7.042398115	0.03	0.872358433	Down
Unigene6954	-2.812005731	64.56026342	9.193210847	0.803624247	Down
Unigene16301	-9.943132883	29.53265577	0.03	0.964461352	Down
Unigene8002	-5.032889844	1173.285586	35.83875608	0.919615599	Down
Unigene12585	-3.24968729	122.557424	12.8850549	0.825359633	Down
Unigene13706	-3.976210322	36.09124705	2.293207284	0.826598007	Down
Unigene1091	-8.249847859	9.132147552	0.03	0.897710939	Down
Unigene13086	-8.97018468	1200.959993	2.394604998	0.997074825	Down
Unigene19565	-3.342619895	48.78749087	4.809275215	0.815696162	Down
Unigene12782	-11.91632413	115.9557408	0.03	0.989407006	Down
Unigene16758	-3.067295012	221.7668021	26.45749543	0.823619377	Down
Unigene5732	-2.871807138	58.39531833	7.977704396	0.804218191	Down
CL10486.Contig2	-6.526174585	12.06670355	0.130922514	0.900454961	Down
CL1427.Contig4	-8.901929818	319.9636463	0.668886981	0.993799223	Down
CL7714.Contig2	-5.064802482	194.3404143	5.806382675	0.917970374	Down
CL7714.Contig1	-2.882802405	946.95742	128.3868241	0.821219842	Down
Unigene13232	-3.924556048	32.97437868	2.171538487	0.822158274	Down
CL5829.Contig2	-3.945181747	24.21838571	1.572270071	0.812462136	Down
Unigene28820	-3.886606086	21.17152697	1.43142029	0.80518929	Down
Unigene1746	-7.930951509	511.614524	2.096469587	0.992848912	Down
CL6400.Contig3	-4.436528041	33.86758207	1.56406996	0.843739235	Down
Unigene16863	-4.053569082	86.2738676	5.1955722	0.844864759	Down
CL3161.Contig1	-9.742448835	25.69748287	0.03	0.959507858	Down
Unigene1190	-7.146828715	4.251391226	0.03	0.80486559	Down
Unigene2854	-5.987047838	10.42576952	0.164371733	0.873377048	Down
Unigene8177	-7.030513795	37.89273227	0.289841377	0.961355024	Down
Unigene10724	-5.985745075	293.1182999	4.625451368	0.95735481	Down
CL9585.Contig2	-7.391152593	114.2802858	0.680789243	0.982419253	Down
Unigene8019	-2.484039994	382.672512	68.40009716	0.803309457	Down
Unigene5509	-6.149778831	30.59314862	0.430879946	0.936159914	Down
Unigene35611	-5.280050396	9.110417406	0.23446862	0.836926695	Down

CL3259. Contig2	-4. 695663099	14. 37855074	0. 554855214	0. 823729257	Down
Unigene20215	-7. 532257342	5. 55337051	0. 03	0. 843656083	Down
Unigene11236	-6. 535928451	1118. 660437	12. 05557046	0. 977474668	Down
Unigene32930	-9. 728095676	25. 44308999	0. 03	0. 959172279	Down
Unigene10219	-6. 227588062	3572. 612936	47. 6754893	0. 971532257	Down
CL7849. Contig2	-5. 362831665	13. 20117223	0. 320803652	0. 866288324	Down
Unigene14149	-5. 381369981	18. 37527384	0. 44083903	0. 88547866	Down
Unigene29134	-9. 26538731	18. 46208544	0. 03	0. 945271017	Down
Unigene3518	-8. 497071776	10. 83913773	0. 03	0. 911745839	Down
Unigene18834	-4. 076151295	24. 18083529	1. 433598349	0. 816747443	Down
Unigene2620	-5. 89030079	24. 24274875	0. 408718823	0. 915683689	Down
CL5352. Contig1	-5. 177139808	11. 4699577	0. 31702057	0. 851211052	Down
CL4150. Contig2	-6. 405209385	30. 7986604	0. 363388914	0. 942666572	Down
Unigene37908	-7. 543302808	5. 596051033	0. 03	0. 845019184	Down
Unigene6447	-9. 118616349	5154. 969961	9. 273615793	0. 998268653	Down
CL2388. Contig1	-3. 803026592	23. 99087885	1. 718783117	0. 807538339	Down
Unigene4202	-8. 727607849	832. 1410949	1. 963022227	0. 996071059	Down
Unigene9254	-2. 88767092	407. 2617227	55. 02981204	0. 820082439	Down
Unigene15348	-7. 690339354	633. 9567033	3. 069281883	0. 992260908	Down
CL20. Contig1	-8. 512169547	10. 95316466	0. 03	0. 912639725	Down
CL7455. Contig1	-4. 062230038	19. 1969712	1. 149157677	0. 806172268	Down
Unigene19108	-4. 398431624	372. 0235257	17. 64048623	0. 868165188	Down
Unigene6336	-4. 520361611	20. 12744611	0. 877049765	0. 829056935	Down
Unigene3740	-4. 068476168	70833. 14859	4221. 85374	0. 858186926	Down
Unigene32125	-8. 420544742	10. 27916416	0. 03	0. 9079149	Down
Unigene17576	-7. 299817917	392. 5531448	2. 491347481	0. 988124087	Down
CL4976. Contig2	-8. 652836125	93. 53798041	0. 232393923	0. 985632491	Down
Unigene10221	-3. 470351254	288. 2952421	26. 01103611	0. 836389176	Down
Unigene10349	-2. 582585906	458. 9041607	76. 61012506	0. 807752159	Down
Unigene2277	-3. 09032118	154. 92799	18. 19074622	0. 822437428	Down
Unigene2419	-5. 417607801	39. 76219076	0. 930267507	0. 914255253	Down
Unigene6836	-8. 374647469	307. 4331812	0. 926255176	0. 992715275	Down
Unigene21491	-5. 217668629	8. 672610468	0. 233063935	0. 830948648	Down
CL837. Contig3	-4. 861657515	12. 70455295	0. 436973044	0. 828950026	Down
Unigene4537	-2. 926139406	207. 7452212	27. 3322453	0. 818469881	Down
CL8831. Contig1	-4. 340460204	19. 45558742	0. 960363468	0. 81795315	Down
Unigene32876	-7. 56874708	5. 695621955	0. 03	0. 847038594	Down
CL1934. Contig7	-6. 046793455	256. 1112304	3. 874024965	0. 96001271	Down
Unigene14479	-5. 216449571	794. 6253378	21. 37246513	0. 93332977	Down
Unigene12729	-3. 875308143	37. 03074822	2. 523355813	0. 824237079	Down
Unigene34730	-7. 165057671	4. 305449845	0. 03	0. 807086942	Down
CL1673. Contig2	-5. 821146064	5. 737481245	0. 101480291	0. 806950334	Down
CL3265. Contig1	-9. 18578497	17. 4710121	0. 03	0. 942417115	Down
Unigene5829	-8. 978767251	1107. 017223	2. 194199497	0. 996967915	Down
Unigene13450	-3. 475034073	27. 48368661	2. 471641598	0. 803731157	Down
Unigene16415	-4. 803134282	15. 44963114	0. 553389129	0. 836127841	Down
Unigene21378	-4. 234150244	27. 48929222	1. 460687553	0. 827031586	Down
Unigene4799	-4. 324102434	47. 30577152	2. 361726447	0. 845880403	Down
CL4625. Contig2	-10. 62307763	47. 31362992	0. 03	0. 977091574	Down
CL9603. Contig1	-7. 901782411	7. 174551867	0. 03	0. 874110569	Down
CL10434. Contig2	-6. 156154423	14. 0548898	0. 19707898	0. 901577516	Down

Unigene4360	-7.984581018	42.11019085	0.1662604	0.971223406	Down
Unigene9286	-5.648542308	8.368580594	0.166828842	0.839869689	Down
Unigene31663	-8.317969713	9.573696188	0.03	0.901832912	Down
Unigene11471	-3.89161447	46.62250047	3.141252701	0.830232945	Down
CL7115. Contig2	-7.876333693	163.1139866	0.694190242	0.987975601	Down
Unigene10253	-7.716238946	50.51353872	0.240208526	0.973970398	Down
CL5596. Contig1	-4.447532083	43.3720313	1.987784038	0.850792321	Down
CL7338. Contig1	-9.497878247	21.69039707	0.03	0.9526775	Down
Unigene150	-3.158874465	135.3435943	15.15380656	0.823717378	Down
Unigene13193	-6.022935478	77.3344605	1.189292881	0.949550384	Down
Unigene16033	-4.812013179	25.05938064	0.892092784	0.859621301	Down
Unigene15941	-2.838877761	100.0053337	13.97770284	0.810163572	Down
Unigene32886	-7.756305222	6.486370953	0.03	0.862730599	Down
Unigene12335	-3.218570774	31.67528514	3.402782471	0.800553556	Down
Unigene11676	-5.334221546	13.32161068	0.330214431	0.866166566	Down
Unigene13375	-7.613232167	5.873980507	0.03	0.850863595	Down
CL7702. Contig2	-5.273235095	10.64594863	0.275284924	0.84953019	Down
CL2825. Contig3	-5.959983641	31.84256291	0.511533601	0.928373306	Down
Unigene32499	-7.302004732	4.734168459	0.03	0.821543542	Down
Unigene6268	-8.379785655	1014.014829	3.044230037	0.995765178	Down
Unigene8430	-4.475864542	14.1732456	0.636941915	0.808013494	Down
Unigene3819	-2.468278137	903.0493965	163.1870719	0.804963591	Down
Unigene6948	-5.124057468	58.7510262	1.684691791	0.911267714	Down
CL6764. Contig1	-5.87146085	33.59941504	0.573912762	0.925724315	Down
Unigene9194	-3.023662566	88.59240058	10.89389891	0.81539325	Down
Unigene11579	-4.987746216	11.96151097	0.376985652	0.83740482	Down
Unigene1385	-4.040652238	42.26965159	2.568450158	0.832668116	Down
Unigene12317	-4.560479927	68.24982725	2.892412994	0.865427105	Down
CL5492. Contig1	-4.121254635	43.21041448	2.482945388	0.835905111	Down
CL7261. Contig1	-3.73287994	129.4418078	9.735667604	0.839079743	Down
CL390. Contig1	-3.246722487	61.15872825	6.443140324	0.817252296	Down
Unigene16839	-5.587654094	52.06794879	1.082727036	0.925281826	Down
Unigene23364	-7.863409298	6.986237116	0.03	0.871342789	Down
Unigene14014	-8.203349149	8.842507022	0.03	0.894860007	Down
Unigene35658	-9.136655537	1539.476202	2.735052096	0.997603435	Down
CL2881. Contig1	-2.752925783	77.73965437	11.53265682	0.804740862	Down
Unigene30789	-7.698831652	6.233048607	0.03	0.858284927	Down
Unigene24845	-8.863720099	13.97548466	0.03	0.929596831	Down
Unigene20720	-3.964882253	125.8866717	8.061785969	0.845547795	Down
Unigene14530	-3.857564243	913.6944919	63.03161858	0.850020194	Down
Unigene31759	-6.823393528	67.95199183	0.600006655	0.969554423	Down
Unigene5397	-8.710673592	12.56884263	0.03	0.922564532	Down
Unigene5976	-7.858532978	103.1896951	0.444613025	0.984408966	Down
CL2544. Contig1	-4.983664722	54.02664412	1.707557836	0.8962142	Down
CL3818. Contig2	-5.425781093	7.654147296	0.178063111	0.824444959	Down
Unigene3595	-8.53423654	435.7275357	1.175313751	0.994191226	Down
Unigene14519	-9.611817925	8499.515688	10.86297229	0.998874476	Down
Unigene9390	-8.907894585	14.41002463	0.03	0.931485573	Down
Unigene8142	-2.768599453	509.1747016	74.71973729	0.816527684	Down
CL136. Contig2	-7.562687	47.17034984	0.249501673	0.971636197	Down
CL8966. Contig1	-5.321628306	10.45188253	0.261351366	0.849037217	Down

Unigene17795	-7.209389001	20.12301172	0.135972362	0.941689534	Down
Unigene17389	-3.654992425	25.58074122	2.030723388	0.805872326	Down
Unigene38144	-7.447447873	5.236323335	0.03	0.836175356	Down
CL5210.Contigl	-3.050768061	64.69696935	7.807486483	0.81209686	Down
Unigene19183	-8.326644023	309.7379016	0.964772104	0.992626183	Down
CL6991.Contigl	-4.836178613	9.785269906	0.342561051	0.808028343	Down
Unigene12285	-6.994957709	42.95863349	0.336789365	0.963721892	Down
CL9613.Contigl	-7.027471334	39.00469066	0.298976582	0.962091515	Down
Unigene974	-5.013746027	12.25981233	0.379486104	0.841363458	Down
CL1900.Contigl	-5.562420155	325.9694389	6.897974264	0.940094793	Down
Unigene428	-2.999142477	1677.891883	209.8611875	0.826502976	Down
CL7284.Contigl	-9.270923016	18.53306163	0.03	0.945547201	Down
Unigene15048	-5.703715626	46.56642972	0.893477152	0.926621171	Down
Unigene13695	-3.556047379	40.31130152	3.42728242	0.817489873	Down
Unigene34855	-8.284464955	9.353921139	0.03	0.899994655	Down
CL10391.Contigl	-3.231562089	61.48441381	6.545878125	0.816625685	Down
Unigene10987	-7.78602558	12.74088064	0.057726098	0.920833185	Down
CL2521.Contig2	-5.610250142	21.43899015	0.438885011	0.899359134	Down
CL7841.Contigl	-4.083106292	54.43564999	3.211781139	0.839459867	Down
Unigene10012	-7.40283369	5.076872403	0.03	0.831334711	Down
Unigene35183	-11.66241612	97.2429957	0.03	0.987871661	Down
Unigene3857	-9.331337589	536.1015143	0.832213047	0.9958513	Down
Unigene1436	-3.997430038	35.47074743	2.220874375	0.826770251	Down
Unigene31490	-8.302324066	9.470432921	0.03	0.901063754	Down
Unigene33083	-6.749933065	33.45606897	0.310844072	0.953488234	Down
CL2953.Contig2	-6.644043662	45.68877331	0.456828366	0.958667427	Down
Unigene13481	-4.206265673	15.44607266	0.836769682	0.800185311	Down
Unigene1789	-9.053043282	15.93524829	0.03	0.937508167	Down
Unigene24841	-3.846584666	33.65620489	2.339525469	0.820688262	Down
Unigene6962	-6.272367039	55.09243841	0.712723982	0.953669387	Down
CL4549.Contigl	-9.03603195	625.328875	1.191219583	0.995931483	Down
Unigene24271	-7.207242263	4.433200382	0.03	0.811713766	Down
Unigene32929	-10.67485271	49.04244564	0.03	0.977872611	Down
Unigene36770	-7.740581677	6.416061577	0.03	0.861673378	Down
CL4259.Contigl	-8.020142939	7.78798038	0.03	0.882871245	Down
CL7602.Contig2	-3.469509302	102.9638171	9.295189846	0.830146823	Down
Unigene5893	-6.130895002	714.920695	10.20174756	0.96650452	Down
Unigene17754	-6.757131355	31.01120782	0.286694564	0.951385672	Down
CL3531.Contigl	-3.106072532	74.30964088	8.630265603	0.815978285	Down
Unigene30727	-6.932066999	25.98234135	0.212773817	0.947991281	Down
Unigene32038	-9.516810441	21.97691156	0.03	0.953271444	Down
Unigene5989	-6.95668329	242.8325851	1.954954358	0.98203319	Down
Unigene16951	-5.414470681	18.27017095	0.428375402	0.886051816	Down
Unigene19891	-5.914650169	64.94551591	1.076619041	0.94161529	Down
Unigene12942	-7.960945767	56.78368492	0.227897784	0.977147999	Down
Unigene6913	-6.926915992	240.4865954	1.976429752	0.981519428	Down
Unigene3013	-4.187309848	17.98822798	0.987375889	0.807660098	Down
Unigene8473	-3.419422635	47.84869514	4.472201035	0.817578965	Down
CL136.Contigl	-8.511259931	177.4956845	0.486455657	0.990375135	Down
Unigene14437	-2.559042934	1198.282648	203.3342729	0.808675742	Down
CL9200.Contig2	-2.712647805	77.53519762	11.8279789	0.802177993	Down

Unigene19009	-2.582433716	263.1513266	43.93549799	0.805872326	Down
CL3884.Contigl	-7.726745664	11.87788745	0.056073413	0.915615386	Down
Unigene6430	-4.056863977	125.9432852	7.567235885	0.848778851	Down
Unigene18890	-7.445219004	2155.986807	12.37120075	0.992459879	Down
Unigene13857	-6.326022905	13.44336615	0.167565798	0.90312474	Down
CL1934.Contig6	-5.036873051	121.9875994	3.715915352	0.912604089	Down
Unigene1428	-4.62928207	150.509759	6.081516632	0.877867265	Down
CL571.Contigl	-6.086284774	13.49760446	0.198656335	0.896273594	Down
Unigene34327	-6.64808742	38.50408911	0.383913273	0.955068125	Down
CL190.Contigl	-2.776135843	82.63214392	12.06282035	0.806228692	Down
CL3104.Contig3	-5.770347363	179.1758476	3.282704769	0.944840407	Down
Unigene12634	-7.593344448	130.2349163	0.674377371	0.985029638	Down
Unigene19381	-3.786103336	98.26678525	7.123215408	0.838456102	Down
Unigene12025	-6.069866746	136.3362706	2.029548573	0.957610206	Down
Unigene31516	-7.378605161	4.99232367	0.03	0.828697599	Down
Unigene5145	-4.70979882	15.22057047	0.581621178	0.82783638	Down
CL8902.Contig2	-4.135743116	18.52961533	1.054104509	0.807223549	Down
Unigene4873	-3.595638726	112.3441217	9.292985156	0.834461827	Down
Unigene9736	-6.312281759	8.662310413	0.109005294	0.869664897	Down
Unigene6803	-9.181847338	1001.87024	1.725043345	0.99702434	Down
Unigene11213	-3.365378772	28.08894532	2.725558296	0.801007923	Down
Unigene8166	-2.833559061	68.52524019	9.613118474	0.805230866	Down
Unigene21031	-2.429774995	2449.140473	454.5467313	0.801355381	Down
Unigene31187	-7.660775882	6.070781264	0.03	0.854733141	Down
Unigene11870	-7.912626416	7.228682508	0.03	0.87494209	Down
Unigene352	-7.593385499	5.793727415	0.03	0.848930307	Down
Unigene3946	-2.911503465	60.7319959	8.071749556	0.806184146	Down
Unigene3947	-8.684699147	12.34457667	0.03	0.921237067	Down
CL256.Contig2	-10.19186177	35.08951439	0.03	0.969842486	Down
Unigene29939	-8.548018845	11.22874787	0.03	0.914362163	Down
CL10327.Contigl	-8.804866321	224.626246	0.502263512	0.992142119	Down
Unigene9051	-3.172372173	42.82519634	4.750290632	0.807963009	Down
Unigene3609	-2.459321761	1203.757899	218.8817392	0.804304313	Down
Unigene657	-7.558747752	5.656282056	0.03	0.846290225	Down
CL2885.Contig2	-5.186981915	12.51032934	0.343424757	0.858029531	Down
CL9964.Contigl	-4.407396589	28.10079362	1.324219593	0.836112992	Down
Unigene27969	-4.881972474	18.87828773	0.640239476	0.853649193	Down
Unigene4019	-2.63626346	181.0709955	29.12423398	0.806599907	Down
Unigene1943	-4.156817044	21.72556639	1.217992154	0.815304159	Down
Unigene779	-9.07810619	16.21449853	0.03	0.93843175	Down
Unigene18055	-5.509693899	25.60628127	0.562035025	0.903282135	Down
Unigene7272	-6.370005821	8.954360163	0.108260925	0.873804687	Down
Unigene14609	-4.824018464	491.6831379	17.35845458	0.897506029	Down
CL9439.Contigl	-4.458176267	17.44615707	0.79369747	0.818841096	Down
Unigene25415	-7.839106439	6.869536446	0.03	0.869385743	Down
CL9929.Contigl	-7.415137925	5.120356415	0.03	0.832965088	Down
Unigene18222	-7.430458236	5.17502039	0.03	0.83454201	Down
Unigene31855	-6.340563335	20.58694503	0.254034178	0.925961893	Down
Unigene12965	-2.87751179	98.98731843	13.46983258	0.811520735	Down
CL9156.Contigl	-7.51369505	5.482376322	0.03	0.842043524	Down
CL13.Contigl	-8.233921298	37.42356654	0.124304795	0.969195087	Down

Unigene11702	-8.013561001	7.752530584	0.03	0.882048632	Down
Unigene9919	-7.334483018	4.841953852	0.03	0.824320231	Down
Unigene3858	-3.031422254	230.8540205	28.23504047	0.8227344	Down
Unigene35977	-9.868880896	28.05113434	0.03	0.962661701	Down
CL4496.Contig2	-7.932463428	7.328763142	0.03	0.876245798	Down
CL7973.Contig1	-8.14758767	8.507256662	0.03	0.891409192	Down
CL1092.Contig2	-3.179170079	175.736215	19.40151811	0.825965456	Down
Unigene21075	-2.459022079	739.0555673	134.4118897	0.803538125	Down
CL6393.Contig1	-7.904217415	90.69904279	0.378613565	0.983229987	Down
CL5223.Contig1	-7.215276759	4.45795814	0.03	0.812753169	Down
Unigene9278	-4.487144452	401.167619	17.88795921	0.873299835	Down
Unigene9960	-7.726463969	32.7860291	0.154807289	0.963585284	Down
Unigene12796	-5.444185802	91.30409292	2.09713804	0.928498034	Down
Unigene14659	-5.609343002	2220.835003	45.49208	0.945175986	Down
Unigene17416	-6.501428706	167.9170218	1.853402172	0.970445339	Down
Unigene19247	-5.321867651	197.1079459	4.927905104	0.931298481	Down
CL6445.Contig3	-5.777643611	6.447659069	0.117532516	0.818882672	Down
Unigene416	-3.116647373	247.9872689	28.59071658	0.825594241	Down
Unigene30093	-7.415139639	33.69077816	0.197392928	0.962394426	Down
Unigene8291	-2.593233871	137.9730394	22.86404419	0.8026383	Down
Unigene10558	-11.58092463	91.90241995	0.03	0.987218322	Down
Unigene35684	-4.809019524	36.55976111	1.304200081	0.871598185	Down
Unigene8129	-8.687614318	2253.246942	5.464825388	0.997258948	Down
Unigene33744	-6.09009209	42.13785515	0.61854604	0.942538874	Down
Unigene6131	-9.600697176	23.29265982	0.03	0.955736313	Down
CL4976.Contig1	-8.781910753	1052.460101	2.391041339	0.996584821	Down
CL8937.Contig2	-9.397201162	164.7039649	0.244266905	0.991132414	Down
Unigene27957	-8.05923567	8.001896568	0.03	0.885407386	Down
Unigene906	-6.469822606	15.88252008	0.179187926	0.916069753	Down
Unigene3513	-5.155376109	22.50539695	0.63148615	0.887533706	Down
Unigene29320	-8.131249265	8.41145616	0.03	0.890167849	Down
Unigene31677	-7.491018337	5.396876406	0.03	0.839875628	Down
CL8755.Contig1	-5.255737627	56.73758363	1.485033192	0.917946616	Down
CL3155.Contig2	-3.70432616	23.24911668	1.783582363	0.803404488	Down
Unigene25694	-7.213092372	4.451213445	0.03	0.811713766	Down
CL10486.Contig1	-5.663617998	31.93595987	0.630029772	0.915597567	Down
CL370.Contig1	-9.634997847	23.85308824	0.03	0.956814321	Down
Unigene15410	-5.385853612	7.764873725	0.185708126	0.824848841	Down
CL6180.Contig1	-6.982162877	18.50308337	0.146353679	0.934633477	Down
Unigene14948	-9.555367368	853.6256763	1.134528141	0.997107492	Down
Unigene4067	-6.719094295	16.00515062	0.151918561	0.922837746	Down
Unigene25715	-7.649139222	6.02201179	0.03	0.854174833	Down
Unigene33442	-8.342584615	9.738441625	0.03	0.903436561	Down
Unigene19337	-4.875777422	1255.408568	42.75922567	0.904671965	Down
CL1427.Contig7	-7.261633541	4.603527777	0.03	0.816839504	Down
Unigene5902	-4.994649889	48.76472022	1.529559242	0.895198556	Down
CL8427.Contig1	-6.045725098	2532.812119	38.34055327	0.964597959	Down
Unigene26283	-8.628646442	11.87415341	0.03	0.918490075	Down
Unigene10475	-5.945464679	175.8669056	2.853782796	0.952956654	Down
Unigene9004	-7.303180106	4.738026989	0.03	0.821543542	Down
Unigene16328	-7.367022299	4.952402629	0.03	0.827895775	Down

Unigene4287	-5.674362539	362.578898	7.09985034	0.944097977	Down
CL8966.Contig2	-6.117191193	34.30835831	0.494244561	0.938387204	Down
Unigene9220	-5.367386462	158.6045268	3.842122921	0.931191571	Down
Unigene9987	-4.33181056	22.47465968	1.116061714	0.82369362	Down
CL650.Contig2	-7.150980806	15.46158614	0.108791339	0.927651664	Down
CL3936.Contigl	-3.854234174	72.87686958	5.039060965	0.836680209	Down
Unigene258	-5.718378241	18.01111784	0.342087567	0.895296556	Down
Unigene31748	-8.398644173	10.12430159	0.03	0.906433009	Down
CL7057.Contig2	-7.109625041	4.143159473	0.03	0.800238766	Down
Unigene23048	-8.068892561	8.0556381	0.03	0.886155756	Down
Unigene8414	-8.671102812	355.9706251	0.873277195	0.99383486	Down
CL7057.Contigl	-8.084314387	8.142211504	0.03	0.886933823	Down
CL4579.Contigl	-9.62581945	91.99604954	0.116441768	0.986609529	Down
Unigene6618	-8.972967795	2013.867756	4.007730338	0.997585617	Down
Unigene15051	-8.1009091	1329.382862	4.842096546	0.99531675	Down
Unigene19092	-2.455438148	5004.010845	912.3420818	0.805204139	Down
Unigene22922	-3.096114671	69.81263177	8.1641434	0.814692396	Down
Unigene12973	-4.236364643	141.8160904	7.524067416	0.856304123	Down
Unigene29922	-6.493547175	21.12229322	0.234416722	0.930401625	Down
Unigene20164	-5.310537493	48.34404934	1.218181349	0.915820296	Down
Unigene389	-5.574707268	576.7534429	12.10141322	0.942036991	Down
Unigene11584	-6.303661475	13.77626733	0.174397548	0.903893898	Down
CL3104.Contigl	-6.732436158	51.15402521	0.481076991	0.963214069	Down
Unigene1477	-3.559256384	98.03965417	8.316849385	0.832014777	Down
CL3293.Contigl	-7.123856072	17.55480802	0.125864056	0.934051412	Down
Unigene5184	-7.371234657	4.966883707	0.03	0.828676811	Down
Unigene14289	-7.342071797	45.95312464	0.283224753	0.969352482	Down
Unigene29781	-5.476300237	10.52742496	0.236478422	0.853664041	Down
Unigene21234	-2.894836506	181.0809731	24.34670529	0.816753383	Down
Unigene17866	-7.429071367	163.012797	0.945906866	0.985356307	Down
CL10279.Contigl	-7.124163987	4.185123794	0.03	0.802537329	Down
CL5458.Contigl	-7.910510272	7.218087256	0.03	0.87494209	Down
Unigene703	-9.65902536	24.25367853	0.03	0.957470629	Down
Unigene12342	-3.141334232	33.58993415	3.806916244	0.800339736	Down
Unigene5836	-3.427932444	915.969847	85.10805952	0.83804628	Down
CL8868.Contigl	-3.027153903	66.25483984	8.127434577	0.811960253	Down
Unigene873	-8.508304332	3066.822464	8.422360367	0.997074825	Down
Unigene16367	-8.165069684	8.61097139	0.03	0.892418897	Down
Unigene37649	-7.859209915	6.965931208	0.03	0.870808239	Down
CL4549.Contig2	-8.681165346	532.1875736	1.296503111	0.994990081	Down
Unigene1877	-3.151892198	137.0329479	15.41739169	0.82358968	Down
Unigene30686	-8.59363706	11.5894755	0.03	0.916699334	Down
Unigene31799	-9.00139486	60.74222615	0.118522512	0.980589905	Down
Unigene8012	-6.682067176	26.54455197	0.258507261	0.94438604	Down
CL6180.Contig2	-6.796200742	5.186722614	0.046669456	0.826158488	Down
Unigene36398	-8.624072762	11.83656919	0.03	0.918344559	Down
Unigene35082	-7.849690277	6.920117755	0.03	0.870380599	Down
Unigene21303	-5.685178584	35.78252567	0.695443267	0.920072936	Down
Unigene24169	-8.906582941	14.39692953	0.03	0.931485573	Down
Unigene19807	-4.728443379	224.7678611	8.478732289	0.88749807	Down
Unigene33768	-7.587043136	5.768312989	0.03	0.848312605	Down

Unigene2797	-7.104906239	4.129630065	0.03	0.80009028	Down
Unigene25315	-8.343285147	9.743171485	0.03	0.903436561	Down
Unigene11907	-9.204593749	17.70027734	0.03	0.943144697	Down
Unigene8205	-3.418556773	114.0711419	10.66811426	0.829656819	Down
Unigene18804	-4.036673134	4440.798259	270.5835237	0.856817885	Down
CL9585. Contig1	-8.220938755	208.0679292	0.69735832	0.9905355	Down
Unigene17401	-3.83652498	96.78618665	6.774921713	0.839608353	Down
Unigene33072	-9.950362977	29.68103073	0.03	0.964639535	Down
Unigene12451	-4.287720086	815.2724709	41.74172753	0.864758918	Down
Unigene27182	-7.284574613	4.677316074	0.03	0.819628072	Down
Unigene1543	-8.317347623	263.7796034	0.82693256	0.991907511	Down
Unigene20834	-4.190234493	25.4716124	1.395308263	0.822790825	Down
Unigene5795	-3.004968531	199.6331453	24.86835082	0.821181236	Down
Unigene34008	-8.696261397	12.44390782	0.03	0.921893375	Down
Unigene12890	-9.265720659	1996.921457	3.244151546	0.997962772	Down
Unigene30069	-7.80256653	6.697732888	0.03	0.866522932	Down
CL6673. Contig2	-6.158327259	18.00590961	0.252100576	0.91535999	Down
Unigene1528	-3.221499451	136.7879349	14.66492435	0.825154722	Down
Unigene8079	-2.991443955	273.7400157	34.42103517	0.822357246	Down
Unigene35038	-8.710655852	81.33406541	0.194134976	0.984168419	Down
Unigene24510	-7.872166592	7.028773195	0.03	0.871856551	Down
Unigene365	-4.099243602	128.6526323	7.506256363	0.85027856	Down
Unigene34463	-9.992887534	30.56892355	0.03	0.965622513	Down
Unigene19999	-7.302516029	72.93312089	0.462006865	0.97681539	Down
Unigene4772	-3.84452831	120.3067165	8.374743864	0.841529763	Down
Unigene16874	-6.107961268	179.3595119	2.600428155	0.96086502	Down
Unigene12778	-9.210174953	17.76888517	0.03	0.943334759	Down
Unigene1401	-4.550360125	184.8667403	7.889761858	0.873647292	Down
Unigene18140	-9.265108205	18.45851409	0.03	0.945271017	Down
CL2885. Contig3	-4.713563124	14.28418035	0.544416699	0.823925258	Down
Unigene2822	-9.585714892	23.0520189	0.03	0.955323521	Down
Unigene11322	-3.798160462	30.2324177	2.173264829	0.815809011	Down
CL7222. Contig1	-10.01826081	31.11130748	0.03	0.966160032	Down
Unigene6198	-9.342392865	453.9296946	0.699275174	0.995441479	Down
CL3759. Contig2	-9.276062132	235.9100867	0.380516564	0.992970671	Down
CL256. Contig1	-5.902605525	7.941778812	0.132756707	0.845479491	Down
Unigene4397	-3.423512628	29.04032098	2.706583443	0.803793521	Down
CL4307. Contig1	-6.892106268	312.8870585	2.634249343	0.982012402	Down
CL7145. Contig1	-7.001799165	63.77703118	0.497637073	0.971211527	Down
Unigene17229	-3.255591916	90.41901479	9.467361279	0.822850219	Down
Unigene19759	-5.380103614	64.91273615	1.558681382	0.922573441	Down
CL9459. Contig1	-3.650704378	43.14979654	3.435636668	0.821629664	Down
CL10044. Contig1	-3.162116503	39.18092803	4.377063036	0.805391231	Down
CL1970. Contig1	-4.53540048	64.19267909	2.768177373	0.863199815	Down
CL5223. Contig3	-6.187699463	18.65199027	0.255883356	0.918068375	Down
CL6290. Contig1	-4.081592528	62.55750344	3.694856938	0.841704976	Down
CL7677. Contig1	-2.670016171	96.9721612	15.23674216	0.803220365	Down
Unigene17120	-9.864673586	27.9694484	0.03	0.962528064	Down
Unigene16727	-5.225174504	1620.547053	43.3238843	0.934847297	Down
CL4440. Contig2	-4.819667674	120.574802	4.269647471	0.890880582	Down
CL7962. Contig1	-6.34374636	10.08889676	0.124218345	0.882942518	Down

Unigene9584	-8.923483643	117.3064979	0.241593823	0.988127057	Down
Unigene19778	-6.998464128	62.3195021	0.487389702	0.970837342	Down
Unigene4390	-4.691971311	14.7381918	0.570190662	0.824251927	Down
Unigene14857	-4.624369942	83.40853231	3.381710419	0.87185952	Down
CL650. Contig1	-7.863152157	53.37435339	0.229238716	0.975683927	Down
Unigene29256	-2.622456542	112.7992761	18.31758566	0.802175023	Down
CL3223. Contig2	-8.040057027	7.896226303	0.03	0.884044284	Down
CL3169. Contig2	-6.050046583	306.3210311	4.623079039	0.960769989	Down
Unigene8100	-2.610871489	609.7201248	99.81134247	0.809575568	Down
Unigene12399	-4.846513573	1741.94693	60.5464884	0.902183339	Down
Unigene19599	-4.086690636	23.33227224	1.373221424	0.815592222	Down
Unigene4002	-5.10042462	16.82879627	0.490537543	0.869902474	Down
Unigene13278	-7.194964554	147.2633772	1.00506606	0.982546951	Down
Unigene2944	-3.256466194	147.5570055	15.4406589	0.82709989	Down
Unigene3935	-9.254334665	758.2260427	1.241556171	0.996546215	Down
Unigene10966	-2.970455313	120.2530884	15.34263979	0.817091931	Down
CL6651. Contig2	-7.320159057	435.8410333	2.727348693	0.98861706	Down
Unigene8102	-3.214317889	274.5769527	29.58407403	0.828774812	Down
Unigene20034	-8.576097391	11.44942865	0.03	0.91588266	Down
Unigene11754	-7.682150726	6.161395037	0.03	0.856574368	Down
Unigene8409	-5.503041646	21.82655304	0.481287467	0.896600264	Down
Unigene17688	-6.255650326	7.556999481	0.09890335	0.856007151	Down
CL4815. Contig4	-3.30445646	56.33522454	5.702161531	0.817276053	Down
CL8868. Contig2	-4.207372232	101.0641629	5.470813855	0.85229203	Down
Unigene6109	-5.441604714	8.921269481	0.205277058	0.839073803	Down
CL6626. Contig2	-5.455638595	17.12866443	0.39031266	0.884103679	Down
Unigene1984	-7.347483976	281.7885279	1.730255502	0.987435112	Down
Unigene18869	-8.240703031	5600.174237	18.51410581	0.996641246	Down
Unigene25976	-4.738804593	10.83914383	0.4059501	0.807936282	Down
CL10393. Contig1	-4.035395265	36.4991347	2.225909738	0.828938147	Down
Unigene601	-5.626781449	51.59362938	1.044157674	0.92619947	Down
Unigene34737	-5.190575677	21.70551945	0.594362239	0.887857406	Down
CL2056. Contig2	-8.381249281	10.00296362	0.03	0.905423304	Down
Unigene31798	-8.656591493	51.12946187	0.126700265	0.977195515	Down
Unigene21453	-3.980363121	31.69693521	2.008207474	0.822793794	Down
Unigene1268	-8.289600227	9.387275746	0.03	0.900339142	Down
CL4182. Contig1	-4.588500497	17.05382294	0.708835508	0.825665514	Down
Unigene20752	-8.344963408	9.754512135	0.03	0.903436561	Down
CL8565. Contig3	-4.315840268	24.83795649	1.247149407	0.827289952	Down
Unigene19953	-5.94246127	83.26445276	1.3539435	0.946363874	Down
CL7164. Contig1	-5.890286064	45.1820176	0.761750648	0.934003896	Down
CL6764. Contig2	-7.242625909	15.10886414	0.09976637	0.927360631	Down
Unigene11312	-6.430853063	32.05225357	0.371517179	0.944317736	Down
Unigene3395	-8.033856536	7.862362309	0.03	0.883622584	Down
Unigene10434	-4.060022024	22.04995836	1.321963187	0.812325529	Down
CL5414. Contig1	-3.966115118	18.89434722	1.208960956	0.802329449	Down
CL1453. Contig2	-3.574343121	39.37081247	3.305140174	0.817166174	Down
Unigene12943	-8.031415748	200.6019778	0.76672242	0.989730706	Down
Unigene16300	-10.04945973	31.7914307	0.03	0.966920281	Down
CL10549. Contig1	-3.248626907	46.58900016	4.901728431	0.81209983	Down
CL7973. Contig2	-7.921321957	29.41354697	0.121336618	0.960915506	Down

CL352. Contigl	-6. 112657297	37. 87319389	0. 54731674	0. 940694677	Down
Unigene27484	-8. 42250861	10. 2931662	0. 03	0. 9079149	Down
Unigene2004	-9. 594371299	1976. 554931	2. 556909389	0. 998283501	Down
CL981. Contigl	-5. 90908578	105. 5983958	1. 757297349	0. 947337942	Down
Unigene35019	-5. 601544975	25. 97664843	0. 534995411	0. 906649799	Down
Unigene21262	-2. 830747956	214. 5148307	30. 15208009	0. 815277431	Down
CL5000. Contigl	-5. 007971223	10. 01119855	0. 311126153	0. 826428733	Down
CL2521. Contigl	-4. 216874975	27. 74369834	1. 49196453	0. 826817766	Down
Unigene35299	-3. 178754829	138. 7430585	15. 32183255	0. 824465747	Down
CL5829. Contigl	-5. 847128115	56. 56039703	0. 982542847	0. 93651925	Down
CL4845. Contigl	-4. 537580436	14. 7006113	0. 632976484	0. 813854935	Down
Unigene20054	-9. 444658816	20. 90484044	0. 03	0. 951091669	Down
Unigene2285	-4. 013441107	36. 75414329	2. 275831713	0. 828062079	Down
Unigene15692	-5. 231318065	14. 30594446	0. 380831515	0. 868494827	Down
Unigene19790	-6. 58514828	47. 9788169	0. 499714989	0. 958409061	Down
Unigene7417	-5. 170908779	12. 08274771	0. 335403091	0. 854302531	Down
Unigene3214	-7. 439971444	5. 209257506	0. 03	0. 835320077	Down
Unigene4293	-5. 367376191	374. 8557926	9. 080776669	0. 935078935	Down
CL2854. Contig2	-4. 527797305	368. 7598038	15. 98603547	0. 875292517	Down
Unigene13726	-3. 029172314	85. 87559097	10. 51957054	0. 815390281	Down
Unigene5643	-6. 620464373	79. 74310971	0. 810466011	0. 967181616	Down
Unigene6619	-7. 475230464	66. 33055471	0. 372773503	0. 977094544	Down
Unigene26587	-3. 093640629	285. 2993119	33. 4212046	0. 82539824	Down
Unigene20431	-6. 283215776	29. 38587693	0. 377313407	0. 938315931	Down
Unigene6592	-2. 883218964	55. 58320667	7. 533697984	0. 803481701	Down
CL4625. Contigl	-8. 275897526	84. 11977427	0. 271396787	0. 983660597	Down
Unigene15478	-2. 504942773	155. 9086065	27. 46674389	0. 800167492	Down
Unigene878	-7. 86094714	6. 974324303	0. 03	0. 870808239	Down
CL6107. Contigl	-9. 738844853	25. 63336836	0. 03	0. 959395008	Down
CL2569. Contigl	-7. 337353133	54. 8719862	0. 339302687	0. 972874571	Down
Unigene20018	-6. 354766362	20. 55191858	0. 251117559	0. 926104439	Down
Unigene11195	-3. 348622385	177. 7813812	17. 45221257	0. 830687312	Down
Unigene14921	-4. 772547638	12. 82299917	0. 46914773	0. 821971182	Down
Unigene36600	-7. 857712979	6. 958707128	0. 03	0. 870808239	Down
Unigene35627	-5. 047290833	9. 479935808	0. 286694564	0. 826571279	Down
Unigene8188	-3. 7340388	150. 3879034	11. 30199786	0. 840166661	Down
Unigene17925	-4. 903683084	13. 57333505	0. 45345153	0. 836917786	Down
Unigene4810	-9. 561262985	174. 1107935	0. 230461689	0. 991622418	Down
CL7222. Contig2	-6. 742513547	91. 02128785	0. 850049374	0. 971636197	Down
CL8355. Contigl	-7. 992189612	7. 638534755	0. 03	0. 88079838	Down
Unigene30127	-7. 203355447	4. 421272814	0. 03	0. 810591212	Down
Unigene4089	-5. 270974486	11. 33446786	0. 293548394	0. 853904589	Down
Unigene26432	-4. 693996261	16. 77561705	0. 64810419	0. 831753442	Down
Unigene15797	-9. 287660346	18. 74932375	0. 03	0. 94608769	Down
Unigene13271	-7. 385530629	18. 92099977	0. 113156063	0. 940584797	Down
Unigene10696	-5. 278741083	259. 8324294	6. 693202253	0. 931749878	Down
Unigene16590	-6. 115916639	43. 15579675	0. 62224982	0. 944264281	Down
Unigene6424	-3. 182968055	41. 76775724	4. 599094108	0. 807680886	Down
CL2282. Contigl	-3. 509440537	27. 14728556	2. 383853386	0. 803986553	Down
Unigene6693	-4. 345669887	126. 7708238	6. 235084235	0. 8602687	Down
CL6056. Contigl	-4. 693993268	502. 2274216	19. 40294481	0. 8870734	Down

Unigene21274	-4.29250824	969.0906339	49.45277416	0.865079648	Down
Unigene33908	-7.801644154	6.693452111	0.03	0.866522932	Down
Unigene14904	-8.00449368	4333.200961	16.87392572	0.99574142	Down
Unigene21370	-2.650304648	149.6613817	23.83902853	0.805569414	Down
CL4281.Contig2	-4.983151177	14.6345602	0.462702343	0.849497523	Down
Unigene8478	-5.505645572	14.63576869	0.322144762	0.876741741	Down
Unigene3590	-5.00257933	339.627961	10.59441556	0.913569248	Down
CL9715.Contig2	-7.519284122	5.503656511	0.03	0.84209104	Down
Unigene37123	-8.610773997	11.72796101	0.03	0.917688251	Down
CL5284.Contig3	-6.605733729	14.84860362	0.152462002	0.915829205	Down
CL7115.Contigl	-6.455632476	5.910637917	0.067343447	0.83390055	Down
Unigene35157	-5.163661793	11.24899078	0.313831457	0.848743214	Down
CL8744.Contigl	-7.707565053	6.270895003	0.03	0.858872932	Down
CL8544.Contigl	-9.011928216	2435.073178	4.716841743	0.997772709	Down
Unigene1992	-8.3585111	1600.351306	4.875877303	0.996317546	Down
Unigene4205	-5.951119322	289.9526096	4.686640035	0.955270066	Down
Unigene34621	-7.59542374	5.801918585	0.03	0.848939216	Down
Unigene8334	-3.678941298	21.95395466	1.714119438	0.800574344	Down
Unigene4877	-5.58207693	19.30218581	0.402933984	0.893865151	Down
CL4307.Contig2	-7.765174838	187.9336802	0.863881295	0.988379483	Down
CL3049.Contigl	-6.832283602	532.0911987	4.669428958	0.982710286	Down
CL3169.Contigl	-5.608452194	18.09508963	0.370892797	0.891628951	Down
Unigene13191	-6.22194295	8.257400715	0.110624648	0.863633394	Down
CL2908.Contig2	-2.967150838	112.0152729	14.32438012	0.816521744	Down
CL8087.Contigl	-5.211142556	31.04373539	0.838038078	0.902233824	Down
Unigene33486	-7.640010155	65.8168057	0.329962494	0.97798546	Down
CL5599.Contig2	-3.497532814	25.38330032	2.247428068	0.801230652	Down
Unigene25488	-7.300054722	4.727773869	0.03	0.821543542	Down
Unigene14898	-4.059883606	42.73021365	2.562054241	0.833600608	Down
Unigene16609	-2.99077581	69.66400329	8.763855309	0.811583099	Down
Unigene34625	-5.117275717	19.65242109	0.566190495	0.878844303	Down
Unigene28961	-4.865099389	8.895433135	0.305229322	0.802519511	Down
Unigene32503	-8.835889808	13.70847439	0.03	0.928346578	Down
Unigene8925	-5.04957446	97.83075174	2.953942335	0.911885416	Down
Unigene1548	-2.573575439	245.4980989	41.24057673	0.805412019	Down
Unigene17025	-7.575622958	24.2989167	0.127378804	0.95267453	Down
Unigene27587	-7.329710963	4.825964401	0.03	0.824320231	Down
Unigene10167	-4.959941383	1043.876671	33.53961391	0.912024993	Down
CL5250.Contigl	-5.642957569	10.41437846	0.208417347	0.857895893	Down
Unigene26745	-7.27739293	4.654090425	0.03	0.81869261	Down
Unigene28317	-7.301959733	4.734020797	0.03	0.821543542	Down
Unigene10813	-3.815767611	48.45447241	3.440910383	0.828730266	Down
CL3818.Contigl	-6.223781475	24.51395088	0.327995889	0.930817386	Down
Unigene4629	-8.276929481	223.9687716	0.722076851	0.991093808	Down
CL6024.Contigl	-6.61429216	42.05691151	0.429276423	0.956048133	Down
Unigene7996	-2.567984429	441.7569454	74.49773086	0.807470036	Down
Unigene18079	-4.61616638	24.32285004	0.991767601	0.843558082	Down
Unigene4171	-3.016712788	500.5787682	61.85166398	0.824997327	Down
Unigene3516	-7.169660435	48.60805042	0.337617814	0.968859508	Down
Unigene3776	-2.859001681	58.68980619	8.089420507	0.804007341	Down
Unigene33332	-9.308934579	19.02785314	0.03	0.946758847	Down

CL9288. Contigl	-5. 893853379	81. 34769598	1. 368102384	0. 943587185	Down
Unigene33965	-8. 824647329	13. 60206362	0. 03	0. 927776392	Down
Unigene7762	-7. 35531458	4. 912375661	0. 03	0. 827034556	Down
CL3457. Contigl	-9. 470721207	386. 437782	0. 544638599	0. 995076203	Down
Unigene14548	-8. 186788333	465. 8249513	1. 598651836	0. 99351116	Down
Unigene16734	-5. 990193351	263. 0224567	4. 137756708	0. 956956868	Down
CL4188. Contigl	-3. 030397213	75. 83237221	9. 28141479	0. 81391136	Down
Unigene17054	-4. 043094176	716. 3540672	43. 45453519	0. 855116235	Down
Unigene339	-3. 08701929	43. 25886365	5. 090842998	0. 80561099	Down
Unigene9416	-10. 74264404	51. 40192023	0. 03	0. 978894195	Down
Unigene17959	-9. 680054785	24. 60980115	0. 03	0. 95799627	Down
Unigene8261	-4. 301692407	26. 45836353	1. 341604581	0. 828697599	Down
Unigene9638	-7. 669532772	6. 107741836	0. 03	0. 855953696	Down
CL4321. Contig2	-7. 467293078	5. 308850036	0. 03	0. 837606761	Down
Unigene34272	-5. 084953948	7. 88853458	0. 232419557	0. 812928382	Down
CL2920. Contigl	-4. 285683649	18. 08270448	0. 927137302	0. 812087951	Down
Unigene7646	-3. 687370155	23. 89208178	1. 854577432	0. 804238979	Down
Unigene11004	-3. 517242128	24. 43049901	2. 133717678	0. 800244705	Down
Unigene1532	-8. 802685163	503. 8537288	1. 128319777	0. 995052445	Down
Unigene30341	-9. 095562922	16. 41188713	0. 03	0. 939197938	Down
Unigene14662	-8. 348133024	594. 8830267	1. 825547466	0. 994618866	Down
Unigene210	-7. 410139332	121. 8799442	0. 716569032	0. 983182472	Down
Unigene5541	-7. 296816523	4. 717174052	0. 03	0. 820637777	Down
Unigene15344	-6. 981735736	47. 9764573	0. 379591341	0. 965931364	Down
Unigene5775	-4. 223481965	32. 36596133	1. 73258182	0. 831961322	Down
Unigene10295	-9. 042515743	784. 0534315	1. 486884332	0. 996409608	Down
CL6456. Contigl	-3. 484632793	79. 81411294	7. 130183333	0. 827655227	Down
Unigene21215	-5. 517504589	11. 02686719	0. 240723097	0. 858273048	Down
CL1280. Contigl	-8. 945451355	14. 79007708	0. 03	0. 933151586	Down
CL10405. Contig2	-9. 430905727	163. 0876135	0. 236284628	0. 991081929	Down
CL5883. Contig3	-9. 427011119	20. 65068067	0. 03	0. 950566029	Down