

Table Supplement 2 List differentially expressed genes (DEGs) of 4 sets including TC:TD, CC:CD, TC:CC, and TD:CD

Abbreviation

TC: Control treatment of Tavee 60

CC: Control treatment of CaWDT-2

TD: Drought treatment of Tavee 60

CD: Drought treatment of CaWDT-2

TC; TD (Control treatment of Tavee 60; Drought treatment of Tavee 60)

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA01g00060	Pepper1.55ch01:132986-134420	TC	TD	OK	3.85721	10.3751	1.42749	2.42581	0.00105	0.0079626	yes
mRNA	CA01g00150	Pepper1.55ch01:246585-247836	TC	TD	OK	12.291	3.98925	-1.62342	-2.7864	0.0004	0.0038157	yes
mRNA	CA01g00170	Pepper1.55ch01:265706-270953	TC	TD	OK	7.41241	14.6981	0.98762	1.68109	0.00665	0.0314889	yes
mRNA	CA01g00180	Pepper1.55ch01:284567-288389	TC	TD	OK	123.135	312.254	1.34248	2.58564	5.00E-05	0.0007276	yes
mRNA	CA01g00260	Pepper1.55ch01:390410-392538	TC	TD	OK	2.19001	6.28754	1.52156	2.31676	0.001	0.0076526	yes
mRNA	CA01g00310	Pepper1.55ch01:510582-511276	TC	TD	OK	1383.97	762.379	-0.86024	-4.2261	0.0104	0.0433434	yes
mRNA	CA01g00340	Pepper1.55ch01:545233-545701	TC	TD	OK	11.6388	41.0676	1.81906	4.2477	0.0001	0.0012767	yes
mRNA	CA01g00360	Pepper1.55ch01:572280-573088	TC	TD	OK	139.204	406.923	1.54755	2.85314	0.0003	0.0030405	yes
mRNA	CA01g00430	Pepper1.55ch01:655623-660507	TC	TD	OK	12.0847	5.4876	-1.13893	-2.136	0.00205	0.0131645	yes
mRNA	CA01g00480	Pepper1.55ch01:713931-724220	TC	TD	OK	133.343	435.793	1.7085	5.16197	5.00E-05	0.0007276	yes
mRNA	CA01g00490	Pepper1.55ch01:726615-728294	TC	TD	OK	24.7228	52.165	1.07724	2.5767	0.0024	0.0148011	yes
mRNA	CA01g00540	Pepper1.55ch01:786581-792156	TC	TD	OK	2.92883	7.55622	1.36734	2.3702	0.00165	0.0111156	yes
mRNA	CA01g00560	Pepper1.55ch01:817843-827835	TC	TD	OK	7.44052	3.31726	-1.16541	-2.1215	0.00295	0.0171555	yes
mRNA	CA01g00570	Pepper1.55ch01:828969-833250	TC	TD	OK	281.795	49.8797	-2.49812	-3.9631	5.00E-05	0.0007276	yes
mRNA	CA01g00620	Pepper1.55ch01:877073-877502	TC	TD	OK	950.689	413.658	-1.20053	-2.982	0.00325	0.0184521	yes
mRNA	CA01g00750	Pepper1.55ch01:1291730-1296543	TC	TD	OK	31.1222	65.8286	1.08077	2.33947	0.00165	0.0111156	yes
mRNA	CA01g00800	Pepper1.55ch01:1337518-1337923	TC	TD	OK	26.7004	8.46695	-1.65695	-3.7306	0.00345	0.0193474	yes
mRNA	CA01g00880	Pepper1.55ch01:1513734-1514802	TC	TD	OK	17.9488	45.2166	1.33297	2.34723	0.0004	0.0038157	yes
mRNA	CA01g01100	Pepper1.55ch01:1764679-1769740	TC	TD	OK	10.7983	22.1714	1.0379	2.01035	0.0045	0.0236701	yes
mRNA	CA01g01140	Pepper1.55ch01:1835909-1838944	TC	TD	OK	10.2648	21.7206	1.08136	1.9594	0.0048	0.0248838	yes
mRNA	CA01g01150	Pepper1.55ch01:1840033-1846400	TC	TD	OK	23.4114	6.06657	-1.94826	-3.6229	5.00E-05	0.0007276	yes
mRNA	CA01g01170	Pepper1.55ch01:1901508-1902420	TC	TD	OK	34.9721	84.3954	1.27096	2.54933	0.00065	0.005483	yes
mRNA	CA01g01180	Pepper1.55ch01:1905059-1910830	TC	TD	OK	11.3502	4.75271	-1.25589	-2.2791	0.00175	0.0116752	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA01g01210	Pepper1.55ch01:1983360-1986823	TC	TD	OK	40.4428	87.2745	1.10968	2.76679	0.00195	0.0126842	yes
mRNA	CA01g01270	Pepper1.55ch01:2015591-2016152	TC	TD	OK	45.6442	4.36783	-3.38544	-6.3023	5.00E-05	0.0007276	yes
mRNA	CA01g01280	Pepper1.55ch01:2038373-2040069	TC	TD	OK	14.5446	107.866	2.89068	5.51581	5.00E-05	0.0007276	yes
mRNA	CA01g01290	Pepper1.55ch01:2061374-2061866	TC	TD	OK	134.126	327.838	1.28939	3.86942	0.00035	0.0034365	yes
mRNA	CA01g01300	Pepper1.55ch01:2108092-2114513	TC	TD	OK	9.89267	73.616	2.89559	6.0808	5.00E-05	0.0007276	yes
mRNA	CA01g01310	Pepper1.55ch01:2125287-2127471	TC	TD	OK	7.02598	2.46258	-1.51253	-2.3113	0.0017	0.0114072	yes
mRNA	CA01g01330	Pepper1.55ch01:2138105-2142330	TC	TD	OK	7.39441	22.1885	1.5853	2.91721	5.00E-05	0.0007276	yes
mRNA	CA01g01340	Pepper1.55ch01:2150558-2151506	TC	TD	OK	12.0427	44.67	1.89115	4.20028	5.00E-05	0.0007276	yes
mRNA	CA01g01370	Pepper1.55ch01:2189073-2194629	TC	TD	OK	10.5102	27.6843	1.39728	2.7897	0.0004	0.0038157	yes
mRNA	CA01g01390	Pepper1.55ch01:2212453-2213351	TC	TD	OK	3.04814	8.69734	1.51264	2.37134	0.0045	0.0236701	yes
mRNA	CA01g01440	Pepper1.55ch01:2265699-2266656	TC	TD	OK	15.272	7.59154	-1.00843	-1.7195	0.0099	0.0418842	yes
mRNA	CA01g01580	Pepper1.55ch01:2467647-2468980	TC	TD	OK	1.34481	11.8057	3.13401	4.03433	0.0071	0.0331107	yes
mRNA	CA01g01660	Pepper1.55ch01:2615101-2621100	TC	TD	OK	0.88081	3.325	1.91645	2.43806	0.0006	0.0051829	yes
mRNA	CA01g01850	Pepper1.55ch01:2864969-2866262	TC	TD	OK	5.81915	1.91382	-1.60435	-2.3083	0.0032	0.0182162	yes
mRNA	CA01g01920	Pepper1.55ch01:2934403-2936271	TC	TD	OK	45.3045	120.652	1.41312	2.93591	5.00E-05	0.0007276	yes
mRNA	CA01g02060	Pepper1.55ch01:3071901-3078968	TC	TD	OK	107.521	33.1264	-1.69857	-3.3025	5.00E-05	0.0007276	yes
mRNA	CA01g02090	Pepper1.55ch01:3104149-3107319	TC	TD	OK	5.39485	1.81328	-1.57298	-2.5273	0.0004	0.0038157	yes
mRNA	CA01g02110	Pepper1.55ch01:3123517-3125913	TC	TD	OK	15.6651	7.74639	-1.01595	-1.9241	0.0067	0.0316462	yes
mRNA	CA01g02180	Pepper1.55ch01:3235170-3235380	TC	TD	OK	50.7497	139.613	1.45996	10.4049	0.00435	0.0230579	yes
mRNA	CA01g02320	Pepper1.55ch01:3427280-3437372	TC	TD	OK	86.5163	239.717	1.47029	2.54157	0.00025	0.0026513	yes
mRNA	CA01g02360	Pepper1.55ch01:3499880-3507707	TC	TD	OK	9.6623	4.10657	-1.23443	-2.0574	0.00635	0.030499	yes
mRNA	CA01g02460	Pepper1.55ch01:3719072-3720791	TC	TD	OK	0.6945	3.95577	2.50991	2.99874	0.0006	0.0051829	yes
mRNA	CA01g02470	Pepper1.55ch01:3722458-3727294	TC	TD	OK	25.2977	10.7262	-1.23787	-2.5157	0.00145	0.0101871	yes
mRNA	CA01g02620	Pepper1.55ch01:3841365-3843045	TC	TD	OK	4.42544	1.59872	-1.4689	-2.0835	0.0073	0.033772	yes
mRNA	CA01g02690	Pepper1.55ch01:3892403-3894983	TC	TD	OK	3.20172	0.80892	-1.98478	-2.785	0.00075	0.0061114	yes
mRNA	CA01g02700	Pepper1.55ch01:3906010-3908179	TC	TD	OK	142.524	70.8688	-1.00798	-2.3212	0.0029	0.0169299	yes
mRNA	CA01g02710	Pepper1.55ch01:3915384-3916401	TC	TD	OK	5.22717	11.802	1.17493	2.04685	0.00835	0.037259	yes
mRNA	CA01g02770	Pepper1.55ch01:4035716-4036859	TC	TD	OK	25.6583	95.1392	1.89062	3.78971	5.00E-05	0.0007276	yes
mRNA	CA01g02900	Pepper1.55ch01:4662421-4662997	TC	TD	OK	2.04988	16.1494	2.97787	4.08267	0.00115	0.0085407	yes
mRNA	CA01g02910	Pepper1.55ch01:4664453-4664612	TC	TD	OK	176.3	643.725	1.86841	26.8635	0.00065	0.005483	yes
mRNA	CA01g02920	Pepper1.55ch01:4665373-4668343	TC	TD	OK	1063.33	6436.6	2.59771	4.0268	5.00E-05	0.0007276	yes

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mRNA	CA01g02930	Pepper1.55ch01:4678391-4684625	TC	TD	OK	3.19832	17.6578	2.46492	4.29476	5.00E-05	0.0007276	yes
mRNA	CA01g02950	Pepper1.55ch01:4728001-4729567	TC	TD	OK	7.63757	16.8834	1.14442	2.10694	0.00345	0.0193474	yes
mRNA	CA01g02960	Pepper1.55ch01:4732145-4734610	TC	TD	OK	91.1958	42.89	-1.08833	-2.8564	0.002	0.012937	yes
mRNA	CA01g02970	Pepper1.55ch01:4741623-4744831	TC	TD	OK	26.3482	48.6803	0.88563	2.07168	0.0103	0.0431291	yes
mRNA	CA01g02980	Pepper1.55ch01:4751811-4753168	TC	TD	OK	51.0231	96.6876	0.92218	2.36741	0.00685	0.0321935	yes
mRNA	CA01g03000	Pepper1.55ch01:4769727-4770444	TC	TD	OK	17.5434	58.5067	1.73767	3.85853	5.00E-05	0.0007276	yes
mRNA	CA01g03250	Pepper1.55ch01:5198257-5203278	TC	TD	OK	29.4777	54.0266	0.87405	1.67114	0.00975	0.0414121	yes
mRNA	CA01g03330	Pepper1.55ch01:5227905-5232057	TC	TD	OK	41.6151	19.0143	-1.13003	-2.3208	0.0012	0.008808	yes
mRNA	CA01g03340	Pepper1.55ch01:5250781-5253524	TC	TD	OK	53.2527	129.648	1.28367	2.64536	0.0002	0.0022357	yes
mRNA	CA01g03550	Pepper1.55ch01:5581681-5585805	TC	TD	OK	35.4706	13.9448	-1.3469	-2.7004	0.0001	0.0012767	yes
mRNA	CA01g03590	Pepper1.55ch01:5636667-5641777	TC	TD	OK	28.2605	60.567	1.09974	2.49622	0.00185	0.0121861	yes
mRNA	CA01g03620	Pepper1.55ch01:5761314-5762777	TC	TD	OK	27.7043	53.4866	0.94907	2.32307	0.00775	0.0352806	yes
mRNA	CA01g03650	Pepper1.55ch01:5800439-5802073	TC	TD	OK	21.0168	10.1939	-1.04383	-1.9533	0.01045	0.0435037	yes
mRNA	CA01g03750	Pepper1.55ch01:5924301-5926578	TC	TD	OK	8.39019	18.4362	1.13577	2.04361	0.00135	0.0096189	yes
mRNA	CA01g03760	Pepper1.55ch01:5928196-5930416	TC	TD	OK	5.89345	1.31361	-2.16558	-3.3221	5.00E-05	0.0007276	yes
mRNA	CA01g03850	Pepper1.55ch01:6127400-6129641	TC	TD	OK	5.21873	0.95467	-2.45063	-3.4935	5.00E-05	0.0007276	yes
mRNA	CA01g03910	Pepper1.55ch01:6155822-6156887	TC	TD	OK	30.1511	14.4942	-1.05673	-2.262	0.00485	0.024997	yes
mRNA	CA01g03940	Pepper1.55ch01:6170488-6177609	TC	TD	OK	3.90522	0.91843	-2.08817	-2.6244	0.0018	0.0119506	yes
mRNA	CA01g03980	Pepper1.55ch01:6343478-6344756	TC	TD	OK	23.485	10.436	-1.17016	-2.2978	0.0033	0.0186798	yes
mRNA	CA01g04020	Pepper1.55ch01:6568202-6585088	TC	TD	OK	6.90389	3.08322	-1.16297	-1.9124	0.0025	0.0152991	yes
mRNA	CA01g04040	Pepper1.55ch01:6602751-6603225	TC	TD	OK	571.647	1102.32	0.94734	2.23233	0.0084	0.0374047	yes
mRNA	CA01g04080	Pepper1.55ch01:6732257-6733992	TC	TD	OK	19.1423	38.018	0.98992	2.40913	0.0074	0.0340987	yes
mRNA	CA01g04090	Pepper1.55ch01:6740005-6744802	TC	TD	OK	66.5481	31.4919	-1.07942	-2.7092	0.00215	0.0136155	yes
mRNA	CA01g04120	Pepper1.55ch01:6825702-6827809	TC	TD	OK	85.4733	39.8017	-1.10264	-2.8984	0.00115	0.0085407	yes
mRNA	CA01g04160	Pepper1.55ch01:6908245-6909972	TC	TD	OK	82.7159	36.5039	-1.18011	-3.3357	0.0028	0.0165058	yes
mRNA	CA01g04170	Pepper1.55ch01:6910459-6911443	TC	TD	OK	17.9927	4.64234	-1.95449	-3.5128	5.00E-05	0.0007276	yes
mRNA	CA01g04180	Pepper1.55ch01:6918258-6918666	TC	TD	OK	35.9249	99.7377	1.47315	4.62505	0.0003	0.0030405	yes
mRNA	CA01g04290	Pepper1.55ch01:7118227-7129286	TC	TD	OK	56.1797	109.427	0.96185	1.82493	0.0067	0.0316462	yes
mRNA	CA01g04340	Pepper1.55ch01:7245778-7246917	TC	TD	OK	92.9527	346.521	1.89837	4.39991	5.00E-05	0.0007276	yes
mRNA	CA01g04380	Pepper1.55ch01:7313226-7318360	TC	TD	OK	37.3651	73.7878	0.98169	2.05685	0.00295	0.0171555	yes
mRNA	CA01g04420	Pepper1.55ch01:7355493-7356456	TC	TD	OK	1.75547	6.7265	1.938	2.56111	0.0024	0.0148011	yes

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mRNA	CA01g04620	Pepper1.55ch01:7631209-7636375	TC	TD	OK	9.17522	4.12689	-1.15269	-1.9945	0.0065	0.0310514	yes
mRNA	CA01g04650	Pepper1.55ch01:7768371-7769376	TC	TD	OK	181.197	86.878	-1.0605	-1.9747	0.00865	0.038113	yes
mRNA	CA01g04780	Pepper1.55ch01:8091875-8095533	TC	TD	OK	79.8614	32.0433	-1.31748	-2.621	5.00E-05	0.0007276	yes
mRNA	CA01g04870	Pepper1.55ch01:8374322-8380045	TC	TD	OK	22.0449	8.74464	-1.33397	-2.9458	0.0025	0.0152991	yes
mRNA	CA01g04930	Pepper1.55ch01:8562604-8563017	TC	TD	OK	2145.14	981.474	-1.12805	-4.0262	0.0028	0.0165058	yes
mRNA	CA01g04950	Pepper1.55ch01:8621900-8622296	TC	TD	OK	319.413	165.172	-0.95145	-3.3374	0.00765	0.0349625	yes
mRNA	CA01g05010	Pepper1.55ch01:8798907-8800368	TC	TD	OK	31.8908	73.7134	1.20879	2.32953	0.0004	0.0038157	yes
mRNA	CA01g05110	Pepper1.55ch01:9263978-9266681	TC	TD	OK	36.4754	104.83	1.52306	2.7881	5.00E-05	0.0007276	yes
mRNA	CA01g05210	Pepper1.55ch01:9357498-9360013	TC	TD	OK	8.5972	3.3945	-1.34067	-2.108	0.003	0.0173859	yes
mRNA	CA01g05220	Pepper1.55ch01:9360207-9361592	TC	TD	OK	20.3092	6.74416	-1.59042	-3.003	0.0005	0.0045156	yes
mRNA	CA01g05230	Pepper1.55ch01:9362788-9364762	TC	TD	OK	252.737	482.301	0.93229	2.07849	0.00855	0.037827	yes
mRNA	CA01g05240	Pepper1.55ch01:9364917-9367896	TC	TD	OK	116.812	251.232	1.10482	2.30843	0.00125	0.0090735	yes
mRNA	CA01g05360	Pepper1.55ch01:9684355-9687509	TC	TD	OK	25.4654	49.8654	0.9695	1.86132	0.0046	0.0241037	yes
mRNA	CA01g05470	Pepper1.55ch01:9936163-9937291	TC	TD	OK	1.19814	5.22109	2.12356	2.81492	0.00115	0.0085407	yes
mRNA	CA01g05550	Pepper1.55ch01:10056488-10059385	TC	TD	OK	17.1254	6.84752	-1.32248	-2.4257	0.00085	0.0067798	yes
mRNA	CA01g05600	Pepper1.55ch01:10093667-10096811	TC	TD	OK	181.697	79.757	-1.18785	-2.2726	0.0022	0.0138219	yes
mRNA	CA01g05810	Pepper1.55ch01:10663475-10667696	TC	TD	OK	8.11535	20.7091	1.35154	2.55493	0.0001	0.0012767	yes
mRNA	CA01g05820	Pepper1.55ch01:10671810-10673927	TC	TD	OK	3.08815	7.46037	1.2725	2.06274	0.00585	0.0286352	yes
mRNA	CA01g05840	Pepper1.55ch01:10787888-10789559	TC	TD	OK	54.0782	24.5449	-1.13963	-2.9231	0.0027	0.0160796	yes
mRNA	CA01g05960	Pepper1.55ch01:10971715-10976241	TC	TD	OK	2.61906	5.798	1.1465	1.89223	0.0043	0.0228571	yes
mRNA	CA01g05980	Pepper1.55ch01:10991692-10993931	TC	TD	OK	54.7809	120.132	1.13287	3.53111	0.0012	0.008808	yes
mRNA	CA01g06130	Pepper1.55ch01:11494042-11494711	TC	TD	OK	128.658	256.896	0.99764	2.22608	0.00275	0.016281	yes
mRNA	CA01g06270	Pepper1.55ch01:12316150-12321445	TC	TD	OK	35.0519	14.5038	-1.27306	-2.2433	0.0002	0.0022357	yes
mRNA	CA01g06280	Pepper1.55ch01:12323321-12323664	TC	TD	OK	262.182	93.0404	-1.49464	-9.9866	0.0003	0.0030405	yes
mRNA	CA01g06300	Pepper1.55ch01:12588436-12593225	TC	TD	OK	4.73269	0.58342	-3.02005	-3.3218	0.001	0.0076526	yes
mRNA	CA01g06330	Pepper1.55ch01:12757988-12760246	TC	TD	OK	142.648	5802.93	5.34625	8.13445	5.00E-05	0.0007276	yes
mRNA	CA01g06350	Pepper1.55ch01:12780440-12783076	TC	TD	OK	134.171	1127.39	3.07084	5.87903	5.00E-05	0.0007276	yes
mRNA	CA01g06390	Pepper1.55ch01:12808362-12809545	TC	TD	OK	7.09737	18.3199	1.36806	2.55327	0.0013	0.0093599	yes
mRNA	CA01g06460	Pepper1.55ch01:12966099-12968880	TC	TD	OK	18.1467	8.37007	-1.1164	-2.3949	0.0113	0.0460638	yes
mRNA	CA01g06470	Pepper1.55ch01:12969833-12970844	TC	TD	OK	38.7447	93.7441	1.27473	2.89911	0.0003	0.0030405	yes
mRNA	CA01g06510	Pepper1.55ch01:13100479-13100914	TC	TD	OK	56.2631	14.8244	-1.92421	-5.0813	0.00025	0.0026513	yes

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mRNA	CA01g06560	Pepper1.55ch01:13186411-13191172	TC	TD	OK	25.8462	71.2344	1.46262	3.3809	5.00E-05	0.0007276	yes
mRNA	CA01g06600	Pepper1.55ch01:13484285-13484576	TC	TD	OK	0	12.0956	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA01g06630	Pepper1.55ch01:13525902-13528959	TC	TD	OK	6.26534	1.67052	-1.9071	-3.289	5.00E-05	0.0007276	yes
mRNA	CA01g06740	Pepper1.55ch01:13903784-13904856	TC	TD	OK	34.3453	15.9405	-1.10742	-2.4299	0.0036	0.0200102	yes
mRNA	CA01g06930	Pepper1.55ch01:14483546-14485082	TC	TD	OK	29.865	77.5536	1.37674	2.61269	0.0002	0.0022357	yes
mRNA	CA01g06970	Pepper1.55ch01:14604094-14605866	TC	TD	OK	114.855	340.2	1.56657	4.71846	5.00E-05	0.0007276	yes
mRNA	CA01g07050	Pepper1.55ch01:14773869-14783388	TC	TD	OK	33.8975	18.0376	-0.91017	-1.974	0.01125	0.045922	yes
mRNA	CA01g07140	Pepper1.55ch01:15222534-15224607	TC	TD	OK	32.7837	80.4074	1.29435	2.31433	0.00015	0.0017852	yes
mRNA	CA01g07200	Pepper1.55ch01:15606397-15607327	TC	TD	OK	1.24433	7.65316	2.62069	3.47178	0.0012	0.008808	yes
mRNA	CA01g07210	Pepper1.55ch01:15705238-15706057	TC	TD	OK	13.2005	43.4342	1.71824	3.24316	5.00E-05	0.0007276	yes
mRNA	CA01g07220	Pepper1.55ch01:15808701-15810518	TC	TD	OK	175.169	475.503	1.44071	3.27092	0.0001	0.0012767	yes
mRNA	CA01g07230	Pepper1.55ch01:15881897-15884111	TC	TD	OK	8.35426	3.25177	-1.36129	-2.3098	0.011	0.0451581	yes
mRNA	CA01g07310	Pepper1.55ch01:16060403-16068332	TC	TD	OK	2.15304	6.50136	1.59437	2.27816	0.00725	0.0336025	yes
mRNA	CA01g07320	Pepper1.55ch01:16157227-16158375	TC	TD	OK	201.138	1086.86	2.43391	3.8562	5.00E-05	0.0007276	yes
mRNA	CA01g07440	Pepper1.55ch01:16609105-16611982	TC	TD	OK	22.2355	83.0383	1.90091	4.45823	5.00E-05	0.0007276	yes
mRNA	CA01g07610	Pepper1.55ch01:17661381-17667245	TC	TD	OK	157.183	509.431	1.69644	3.69308	5.00E-05	0.0007276	yes
mRNA	CA01g07680	Pepper1.55ch01:17771172-17771394	TC	TD	OK	21.6895	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA01g07890	Pepper1.55ch01:18729709-18735547	TC	TD	OK	128.16	52.152	-1.29715	-2.5402	0.0001	0.0012767	yes
mRNA	CA01g07910	Pepper1.55ch01:18852157-18853840	TC	TD	OK	2495.2	1116.78	-1.15981	-14.085	0.0006	0.0051829	yes
mRNA	CA01g07920	Pepper1.55ch01:18957963-18962166	TC	TD	OK	37.8555	104.629	1.4667	2.50288	0.0001	0.0012767	yes
mRNA	CA01g07940	Pepper1.55ch01:19031107-19033904	TC	TD	OK	7.38477	24.5577	1.73355	3.40718	5.00E-05	0.0007276	yes
mRNA	CA01g08000	Pepper1.55ch01:19256368-19258189	TC	TD	OK	2.54263	6.7418	1.40681	2.13928	0.002	0.012937	yes
mRNA	CA01g08070	Pepper1.55ch01:19662512-19666936	TC	TD	OK	85.1826	33.6289	-1.34086	-2.9193	0.00025	0.0026513	yes
mRNA	CA01g08110	Pepper1.55ch01:19812636-19816348	TC	TD	OK	11.0592	3.50809	-1.65649	-3.1115	0.0004	0.0038157	yes
mRNA	CA01g08120	Pepper1.55ch01:19837315-19840959	TC	TD	OK	16.1444	4.10979	-1.9739	-3.6599	5.00E-05	0.0007276	yes
mRNA	CA01g08160	Pepper1.55ch01:19951922-19954813	TC	TD	OK	0.93895	3.07028	1.70925	2.33807	0.0015	0.010446	yes
mRNA	CA01g08180	Pepper1.55ch01:20018199-20039351	TC	TD	OK	15.0313	7.84284	-0.93853	-1.7547	0.00665	0.0314889	yes
mRNA	CA01g08420	Pepper1.55ch01:20920540-20921434	TC	TD	OK	23.9882	12.1802	-0.97779	-2.056	0.0104	0.0433434	yes
mRNA	CA01g08440	Pepper1.55ch01:21103617-21106327	TC	TD	OK	9.28869	2.87074	-1.69405	-2.8741	5.00E-05	0.0007276	yes
mRNA	CA01g08660	Pepper1.55ch01:23522624-23523536	TC	TD	OK	0	11.0573	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA01g08740	Pepper1.55ch01:24750331-24750676	TC	TD	OK	11.0186	35.6842	1.69534	4.7298	0.00355	0.019776	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA01g08760	Pepper1.55ch01:24871750-24874708	TC	TD	OK	17.8701	9.05888	-0.98014	-1.7962	0.00525	0.0265153	yes
mRNA	CA01g09070	Pepper1.55ch01:26887310-26889642	TC	TD	OK	3.27115	27.4443	3.06863	4.88868	5.00E-05	0.0007276	yes
mRNA	CA01g09200	Pepper1.55ch01:27313588-27314185	TC	TD	OK	6.46641	17.3473	1.42367	2.77122	0.00415	0.0222637	yes
mRNA	CA01g09290	Pepper1.55ch01:29561234-29562948	TC	TD	OK	92.163	10.9112	-3.07838	-5.5671	5.00E-05	0.0007276	yes
mRNA	CA01g09330	Pepper1.55ch01:29727642-29728269	TC	TD	OK	13.7806	27.914	1.01835	2.53219	0.00945	0.0405027	yes
mRNA	CA01g09400	Pepper1.55ch01:30089020-30089242	TC	TD	OK	0	62.6176	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA01g09500	Pepper1.55ch01:30514986-30525701	TC	TD	OK	6.78631	19.5762	1.5284	2.93065	5.00E-05	0.0007276	yes
mRNA	CA01g09660	Pepper1.55ch01:31707408-31715569	TC	TD	OK	59.828	107.086	0.83988	1.70173	0.0123	0.0492228	yes
mRNA	CA01g09700	Pepper1.55ch01:31843479-31844810	TC	TD	OK	37.4286	19.5345	-0.93811	-1.9593	0.01085	0.0447248	yes
mRNA	CA01g09820	Pepper1.55ch01:33859528-33859684	TC	TD	OK	0	85.9375	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA01g09860	Pepper1.55ch01:34564260-34566967	TC	TD	OK	116.641	293.671	1.33212	3.175	0.0001	0.0012767	yes
mRNA	CA01g10050	Pepper1.55ch01:36169684-36170875	TC	TD	OK	7.7883	2.16475	-1.84711	-2.9537	0.00035	0.0034365	yes
mRNA	CA01g10230	Pepper1.55ch01:38042755-38046580	TC	TD	OK	23.0201	44.3086	0.94469	1.8787	0.0072	0.0334427	yes
mRNA	CA01g10380	Pepper1.55ch01:38640063-38641146	TC	TD	OK	9.41261	28.3612	1.59125	3.00415	5.00E-05	0.0007276	yes
mRNA	CA01g10390	Pepper1.55ch01:38653281-38657441	TC	TD	OK	27.1926	68.4481	1.3318	2.97664	0.00015	0.0017852	yes
mRNA	CA01g10490	Pepper1.55ch01:38884966-38886306	TC	TD	OK	23.2628	7.88733	-1.56042	-3.2854	0.00155	0.0107004	yes
mRNA	CA01g10570	Pepper1.55ch01:39387176-39390237	TC	TD	OK	7.93265	3.86064	-1.03896	-1.7237	0.0077	0.035106	yes
mRNA	CA01g10670	Pepper1.55ch01:40000228-40002317	TC	TD	OK	4.5366	1.26747	-1.83966	-2.7053	0.00045	0.0041816	yes
mRNA	CA01g10720	Pepper1.55ch01:40102896-40112454	TC	TD	OK	17.1182	7.23012	-1.24344	-2.451	0.00075	0.0061114	yes
mRNA	CA01g10730	Pepper1.55ch01:40180956-40199068	TC	TD	OK	1.60246	4.0394	1.33385	2.1211	0.0012	0.008808	yes
mRNA	CA01g10880	Pepper1.55ch01:40632454-40636638	TC	TD	OK	8.86814	24.3522	1.45735	2.84362	0.0001	0.0012767	yes
mRNA	CA01g10890	Pepper1.55ch01:40660285-40661065	TC	TD	OK	29.8494	8.89986	-1.74585	-3.7042	5.00E-05	0.0007276	yes
mRNA	CA01g10920	Pepper1.55ch01:40689610-40692832	TC	TD	OK	19.182	53.131	1.4698	2.85456	5.00E-05	0.0007276	yes
mRNA	CA01g10960	Pepper1.55ch01:40756088-40757311	TC	TD	OK	1021.96	390.493	-1.38797	-5.1031	5.00E-05	0.0007276	yes
mRNA	CA01g10970	Pepper1.55ch01:40775656-40778600	TC	TD	OK	6.48863	2.37987	-1.44703	-2.3773	0.0008	0.0064526	yes
mRNA	CA01g11040	Pepper1.55ch01:40854154-40856664	TC	TD	OK	11.4094	73.7459	2.69235	5.35952	5.00E-05	0.0007276	yes
mRNA	CA01g11120	Pepper1.55ch01:41001798-41002343	TC	TD	OK	38.5503	91.5237	1.2474	3.91054	0.0007	0.0057915	yes
mRNA	CA01g11470	Pepper1.55ch01:42651157-42658035	TC	TD	OK	2.85107	0.87977	-1.6963	-2.3488	0.0011	0.0082588	yes
mRNA	CA01g11560	Pepper1.55ch01:43378424-43381983	TC	TD	OK	27.4711	63.9963	1.22007	3.2264	0.00095	0.0073823	yes
mRNA	CA01g11580	Pepper1.55ch01:43432567-43433488	TC	TD	OK	15.1238	43.2351	1.51538	3.19573	5.00E-05	0.0007276	yes
mRNA	CA01g11750	Pepper1.55ch01:44288957-44289458	TC	TD	OK	22.2504	55.1097	1.30848	3.45117	0.0009	0.0070813	yes

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mRNA	CA01g11900	Pepper1.55ch01:47074794-47075748	TC	TD	OK	27.8714	241.04	3.11241	7.75428	5.00E-05	0.0007276	yes
mRNA	CA01g12080	Pepper1.55ch01:47862176-47863580	TC	TD	OK	24.0835	11.4494	-1.07278	-2.303	0.00255	0.0155107	yes
mRNA	CA01g12130	Pepper1.55ch01:48092018-48093152	TC	TD	OK	12.9687	1.12549	-3.52641	-4.8308	5.00E-05	0.0007276	yes
mRNA	CA01g12200	Pepper1.55ch01:48648558-48650947	TC	TD	OK	2.86031	11.3973	1.99445	3.16745	5.00E-05	0.0007276	yes
mRNA	CA01g12320	Pepper1.55ch01:50498823-50505133	TC	TD	OK	13.5529	3.50412	-1.95147	-3.3494	5.00E-05	0.0007276	yes
mRNA	CA01g12660	Pepper1.55ch01:54858933-54860619	TC	TD	OK	1.54455	4.95343	1.68124	2.39472	0.0068	0.0320183	yes
mRNA	CA01g13020	Pepper1.55ch01:59089110-59090205	TC	TD	OK	19.7251	79.2508	2.00639	3.79341	5.00E-05	0.0007276	yes
mRNA	CA01g13070	Pepper1.55ch01:59219065-59219389	TC	TD	OK	1892.6	835.021	-1.18048	-5.2838	0.0009	0.0070813	yes
mRNA	CA01g13160	Pepper1.55ch01:59394597-59396853	TC	TD	OK	3.10133	8.1924	1.4014	2.50751	0.0005	0.0045156	yes
mRNA	CA01g13270	Pepper1.55ch01:60778251-60779475	TC	TD	OK	204.362	419.864	1.0388	1.79517	0.0057	0.0281107	yes
mRNA	CA01g13310	Pepper1.55ch01:61128246-61129206	TC	TD	OK	37.0676	76.3992	1.0434	2.25599	0.00225	0.0140483	yes
mRNA	CA01g13370	Pepper1.55ch01:61438906-61440480	TC	TD	OK	33.2384	67.4955	1.02194	2.05941	0.00275	0.016281	yes
mRNA	CA01g13400	Pepper1.55ch01:62051659-62053497	TC	TD	OK	14.4643	3.01864	-2.26052	-3.9636	5.00E-05	0.0007276	yes
mRNA	CA01g13410	Pepper1.55ch01:62055104-62056435	TC	TD	OK	8.60093	2.99287	-1.52296	-2.4152	0.0012	0.008808	yes
mRNA	CA01g13520	Pepper1.55ch01:62939113-62941862	TC	TD	OK	620.67	272.146	-1.18944	-4.9776	0.00035	0.0034365	yes
mRNA	CA01g13570	Pepper1.55ch01:63772678-63774520	TC	TD	OK	35.4275	64.2721	0.85932	1.63137	0.01165	0.0471847	yes
mRNA	CA01g13590	Pepper1.55ch01:64233242-64237922	TC	TD	OK	10.0286	4.70269	-1.09256	-1.9588	0.00305	0.0176148	yes
mRNA	CA01g13640	Pepper1.55ch01:64589585-64598058	TC	TD	OK	7.47344	3.8787	-0.9462	-1.6555	0.0078	0.0354654	yes
mRNA	CA01g13660	Pepper1.55ch01:64871340-64872306	TC	TD	OK	14.4442	32.1808	1.15571	2.85612	0.00575	0.0283018	yes
mRNA	CA01g14120	Pepper1.55ch01:71073084-71083581	TC	TD	OK	44.2381	16.8516	-1.39241	-2.683	0.00025	0.0026513	yes
mRNA	CA01g14300	Pepper1.55ch01:74338575-74339589	TC	TD	OK	7.0543	2.51403	-1.4885	-2.4345	0.0057	0.0281107	yes
mRNA	CA01g14440	Pepper1.55ch01:75231435-75233776	TC	TD	OK	11.1834	29.5928	1.40388	2.93109	0.00015	0.0017852	yes
mRNA	CA01g14860	Pepper1.55ch01:76706749-76708294	TC	TD	OK	16.5873	34.0135	1.03603	2.31139	0.00895	0.0389796	yes
mRNA	CA01g14900	Pepper1.55ch01:77340221-77345830	TC	TD	OK	90.1423	43.1728	-1.06208	-2.2962	0.0016	0.0109355	yes
mRNA	CA01g15290	Pepper1.55ch01:78871036-78871752	TC	TD	OK	10.3657	2.45714	-2.07677	-2.6789	0.00895	0.0389796	yes
mRNA	CA01g15390	Pepper1.55ch01:78898328-78900314	TC	TD	OK	8.42118	0.65183	-3.69145	-3.6583	0.00405	0.0219063	yes
mRNA	CA01g15560	Pepper1.55ch01:82571108-82580479	TC	TD	OK	12.4247	24.9234	1.00429	1.79494	0.0032	0.0182162	yes
mRNA	CA01g15570	Pepper1.55ch01:83510236-83511150	TC	TD	OK	8.74307	2.02693	-2.10884	-3.2075	0.00415	0.0222637	yes
mRNA	CA01g15620	Pepper1.55ch01:83595953-83603091	TC	TD	OK	5.96407	14.357	1.26739	2.29119	0.00095	0.0073823	yes
mRNA	CA01g15950	Pepper1.55ch01:96256811-96259220	TC	TD	OK	297.824	615.4	1.04707	2.9835	0.00295	0.0171555	yes
mRNA	CA01g16060	Pepper1.55ch01:98902004-98907574	TC	TD	OK	19.2627	7.86317	-1.29263	-2.2224	0.00085	0.0067798	yes

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mRNA	CA01g16120	Pepper1.55ch01:100703981-100705294	TC	TD	OK	104.01	212.701	1.03211	2.26482	0.0026	0.0156946	yes
mRNA	CA01g16130	Pepper1.55ch01:101159922-101162759	TC	TD	OK	80.9864	167.923	1.05204	2.26712	0.00465	0.0242646	yes
mRNA	CA01g16220	Pepper1.55ch01:101708827-101709355	TC	TD	OK	88.2792	284.284	1.68719	4.89512	5.00E-05	0.0007276	yes
mRNA	CA01g16520	Pepper1.55ch01:113293551-113295289	TC	TD	OK	7.80266	17.9097	1.19871	2.35184	0.0027	0.0160796	yes
mRNA	CA01g16540	Pepper1.55ch01:115421909-115426815	TC	TD	OK	11.8435	27.4906	1.21484	2.53471	0.0009	0.0070813	yes
mRNA	CA01g16680	Pepper1.55ch01:120722995-120726033	TC	TD	OK	100.385	199.73	0.99251	1.71715	0.01035	0.0432664	yes
mRNA	CA01g16810	Pepper1.55ch01:121683879-121686257	TC	TD	OK	61.3898	260.191	2.0835	4.0191	5.00E-05	0.0007276	yes
mRNA	CA01g16890	Pepper1.55ch01:123253103-123254096	TC	TD	OK	141.976	309.99	1.12658	1.99799	0.0038	0.0209139	yes
mRNA	CA01g17070	Pepper1.55ch01:126294601-126295629	TC	TD	OK	11.1572	4.3862	-1.34693	-2.3534	0.01185	0.0477767	yes
mRNA	CA01g17080	Pepper1.55ch01:126424831-126430142	TC	TD	OK	35.4058	19.0142	-0.89691	-1.8306	0.0091	0.0394168	yes
mRNA	CA01g17440	Pepper1.55ch01:131268802-131269213	TC	TD	OK	406.691	76.9487	-2.40196	-7.4658	5.00E-05	0.0007276	yes
mRNA	CA01g18060	Pepper1.55ch01:148718147-148722188	TC	TD	OK	225.939	658.561	1.54339	2.32172	0.0004	0.0038157	yes
mRNA	CA01g18240	Pepper1.55ch01:151876793-151877682	TC	TD	OK	47.9721	21.557	-1.15404	-2.8181	0.0056	0.0277718	yes
mRNA	CA01g18310	Pepper1.55ch01:152356450-152356702	TC	TD	OK	994.327	482.732	-1.0425	-6.9417	0.00215	0.0136155	yes
mRNA	CA01g18350	Pepper1.55ch01:152794863-152795331	TC	TD	OK	0	4.48823	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA01g18450	Pepper1.55ch01:154856583-154857287	TC	TD	OK	42.02	107.092	1.3497	4.16882	0.0002	0.0022357	yes
mRNA	CA01g18480	Pepper1.55ch01:155706694-155707998	TC	TD	OK	3.92067	0.93532	-2.06756	-2.5444	0.0061	0.0296378	yes
mRNA	CA01g18560	Pepper1.55ch01:156231183-156240256	TC	TD	OK	94.2334	16.3916	-2.52328	-4.9745	5.00E-05	0.0007276	yes
mRNA	CA01g18600	Pepper1.55ch01:156363017-156367800	TC	TD	OK	14.203	3.28862	-2.11064	-3.8033	5.00E-05	0.0007276	yes
mRNA	CA01g18610	Pepper1.55ch01:156433049-156436475	TC	TD	OK	63.3662	196.205	1.63057	2.95371	5.00E-05	0.0007276	yes
mRNA	CA01g18630	Pepper1.55ch01:156454092-156456205	TC	TD	OK	3.46202	29.5645	3.09418	5.23553	0.0001	0.0012767	yes
mRNA	CA01g18790	Pepper1.55ch01:157529901-157530930	TC	TD	OK	47.9232	102.048	1.09045	2.14919	0.003	0.0173859	yes
mRNA	CA01g18800	Pepper1.55ch01:157540008-157550203	TC	TD	OK	9.54949	17.5505	0.87801	1.61859	0.00965	0.0411031	yes
mRNA	CA01g18870	Pepper1.55ch01:157658358-157659081	TC	TD	OK	34.6305	88.1083	1.34723	3.03059	0.0002	0.0022357	yes
mRNA	CA01g19050	Pepper1.55ch01:157888629-157892629	TC	TD	OK	54.7836	138.206	1.33501	2.55729	0.0002	0.0022357	yes
mRNA	CA01g19100	Pepper1.55ch01:158034325-158034547	TC	TD	OK	315.832	910.338	1.52724	9.76775	0.0017	0.0114072	yes
mRNA	CA01g19110	Pepper1.55ch01:158065253-158066045	TC	TD	OK	103.163	55.1633	-0.90315	-1.8375	0.0087	0.0382775	yes
mRNA	CA01g19140	Pepper1.55ch01:158220292-158221631	TC	TD	OK	8.9183	2.80603	-1.66824	-2.6571	0.0005	0.0045156	yes
mRNA	CA01g19190	Pepper1.55ch01:158275274-158279815	TC	TD	OK	7.38579	14.6861	0.99163	1.78154	0.00865	0.038113	yes
mRNA	CA01g19360	Pepper1.55ch01:158726276-158728280	TC	TD	OK	16.3307	32.1985	0.97941	1.98722	0.0044	0.0232494	yes
mRNA	CA01g19400	Pepper1.55ch01:158801988-158807242	TC	TD	OK	9.80136	4.47349	-1.13158	-2.0445	0.0039	0.0213552	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA01g19480	Pepper1.55ch01:158943831-158944647	TC	TD	OK	40.2846	90.1354	1.16187	3.59606	0.00295	0.0171555	yes
mRNA	CA01g19510	Pepper1.55ch01:159120657-159121184	TC	TD	OK	0	6.95446	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA01g19520	Pepper1.55ch01:159141030-159144932	TC	TD	OK	8.19896	3.61983	-1.17952	-2.0175	0.00615	0.0297658	yes
mRNA	CA01g19590	Pepper1.55ch01:159318378-159323750	TC	TD	OK	11.8368	5.63137	-1.07173	-1.8731	0.0041	0.0221054	yes
mRNA	CA01g19700	Pepper1.55ch01:159490831-159494661	TC	TD	OK	34.5815	77.0676	1.15613	2.50102	0.00075	0.0061114	yes
mRNA	CA01g19710	Pepper1.55ch01:159513712-159514700	TC	TD	OK	39.5387	93.593	1.24314	2.97611	0.0004	0.0038157	yes
mRNA	CA01g19720	Pepper1.55ch01:159514743-159515037	TC	TD	OK	108.717	343.873	1.6613	7.81144	5.00E-05	0.0007276	yes
mRNA	CA01g19750	Pepper1.55ch01:159543501-159548995	TC	TD	OK	18.2248	2.96395	-2.62031	-3.5783	5.00E-05	0.0007276	yes
mRNA	CA01g19770	Pepper1.55ch01:159555173-159557834	TC	TD	OK	24.3875	4.5544	-2.42081	-4.2734	5.00E-05	0.0007276	yes
mRNA	CA01g19840	Pepper1.55ch01:159693178-159699631	TC	TD	OK	9.32545	29.3112	1.65221	3.52543	5.00E-05	0.0007276	yes
mRNA	CA01g19850	Pepper1.55ch01:159711306-159712131	TC	TD	OK	6.87715	23.1939	1.75386	3.40626	0.0001	0.0012767	yes
mRNA	CA01g19890	Pepper1.55ch01:159818316-159820023	TC	TD	OK	32.1981	12.5635	-1.35773	-2.756	0.00035	0.0034365	yes
mRNA	CA01g19900	Pepper1.55ch01:159822775-159824337	TC	TD	OK	23.3762	4.69846	-2.31478	-4.0891	5.00E-05	0.0007276	yes
mRNA	CA01g19950	Pepper1.55ch01:160637656-160638169	TC	TD	OK	1211.29	2915.96	1.26742	3.04479	0.0024	0.0148011	yes
mRNA	CA01g20020	Pepper1.55ch01:160847937-160849026	TC	TD	OK	20.8323	6.48062	-1.68462	-2.8446	0.0001	0.0012767	yes
mRNA	CA01g20030	Pepper1.55ch01:160918881-160919193	TC	TD	OK	221.037	73.4943	-1.58859	-6.3229	5.00E-05	0.0007276	yes
mRNA	CA01g20120	Pepper1.55ch01:161154078-161154489	TC	TD	OK	441.89	65.6372	-2.7511	-8.9634	5.00E-05	0.0007276	yes
mRNA	CA01g20150	Pepper1.55ch01:161212362-161212704	TC	TD	OK	17.7592	41.1145	1.21108	3.83114	0.0115	0.0467025	yes
mRNA	CA01g20200	Pepper1.55ch01:161431935-161432592	TC	TD	OK	13.4248	4.82288	-1.47693	-2.3364	0.00555	0.0275691	yes
mRNA	CA01g20230	Pepper1.55ch01:161516200-161519537	TC	TD	OK	617.946	299.159	-1.04657	-2.679	0.0037	0.0204605	yes
mRNA	CA01g20240	Pepper1.55ch01:161537019-161538651	TC	TD	OK	0.40052	11.8253	4.88386	4.40566	0.0011	0.0082588	yes
mRNA	CA01g20370	Pepper1.55ch01:161835065-161835347	TC	TD	OK	0	18.2863	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA01g20410	Pepper1.55ch01:161847615-161849002	TC	TD	OK	3.8315	1.35141	-1.50345	-2.0768	0.00845	0.0375387	yes
mRNA	CA01g20420	Pepper1.55ch01:161849200-161849689	TC	TD	OK	15.8466	6.1252	-1.37134	-2.9189	0.0072	0.0334427	yes
mRNA	CA01g20480	Pepper1.55ch01:161857656-161860505	TC	TD	OK	3.55988	0.53663	-2.72983	-3.2024	0.0006	0.0051829	yes
mRNA	CA01g20530	Pepper1.55ch01:161875992-161878230	TC	TD	OK	0.98596	3.54885	1.84775	2.29721	0.00145	0.0101871	yes
mRNA	CA01g20590	Pepper1.55ch01:161895699-161897196	TC	TD	OK	6.49383	2.27986	-1.51012	-2.1177	0.00185	0.0121861	yes
mRNA	CA01g20700	Pepper1.55ch01:161926184-161929251	TC	TD	OK	2.80408	7.93815	1.50128	2.28415	0.00215	0.0136155	yes
mRNA	CA01g20830	Pepper1.55ch01:162183290-162190172	TC	TD	OK	8.16338	1.51583	-2.42906	-3.9367	5.00E-05	0.0007276	yes
mRNA	CA01g20890	Pepper1.55ch01:162385156-162387632	TC	TD	OK	56.8877	21.4228	-1.40897	-2.8377	5.00E-05	0.0007276	yes
mRNA	CA01g20900	Pepper1.55ch01:162390620-162392369	TC	TD	OK	22.0831	44.2414	1.00245	2.21597	0.0065	0.0310514	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA01g21100	Pepper1.55ch01:163783970-163785532	TC	TD	OK	3.76801	1.29233	-1.54383	-2.167	0.00595	0.0290118	yes
mRNA	CA01g21150	Pepper1.55ch01:164900600-164902009	TC	TD	OK	22.4724	49.6772	1.14443	2.57465	0.00115	0.0085407	yes
mRNA	CA01g21240	Pepper1.55ch01:165634386-165640234	TC	TD	OK	46.1877	12.1925	-1.92151	-4.3496	5.00E-05	0.0007276	yes
mRNA	CA01g21260	Pepper1.55ch01:165678249-165679110	TC	TD	OK	206.841	1256.69	2.60304	5.44543	5.00E-05	0.0007276	yes
mRNA	CA01g21390	Pepper1.55ch01:166346589-166349551	TC	TD	OK	24.9055	48.9138	0.97378	1.84588	0.00575	0.0283018	yes
mRNA	CA01g21500	Pepper1.55ch01:167133467-167136036	TC	TD	OK	0.6426	3.18744	2.3104	2.40893	0.0084	0.0374047	yes
mRNA	CA01g21630	Pepper1.55ch01:167626735-167627956	TC	TD	OK	5.4274	14.2673	1.39438	2.72308	0.00085	0.0067798	yes
mRNA	CA01g21680	Pepper1.55ch01:167744878-167749128	TC	TD	OK	13.4482	27.7612	1.04566	1.94654	0.0038	0.0209139	yes
mRNA	CA01g21810	Pepper1.55ch01:168765388-168765613	TC	TD	OK	46.6095	114.97	1.30256	7.79802	0.00765	0.0349625	yes
mRNA	CA01g21850	Pepper1.55ch01:168868742-168869219	TC	TD	OK	12.2007	25.946	1.08855	2.63722	0.0117	0.0472983	yes
mRNA	CA01g21870	Pepper1.55ch01:169009463-169016637	TC	TD	OK	2.2071	6.10264	1.46728	2.29702	0.00175	0.0116752	yes
mRNA	CA01g21950	Pepper1.55ch01:169508231-169508642	TC	TD	OK	324.981	99.3119	-1.71032	-5.3256	5.00E-05	0.0007276	yes
mRNA	CA01g22030	Pepper1.55ch01:169978840-169979939	TC	TD	OK	191.692	434.049	1.17907	3.05882	0.00075	0.0061114	yes
mRNA	CA01g22080	Pepper1.55ch01:170418079-170420771	TC	TD	OK	35.4114	66.6451	0.91228	1.97179	0.00635	0.030499	yes
mRNA	CA01g22120	Pepper1.55ch01:170754347-170755740	TC	TD	OK	6.7686	36.27	2.42185	4.25167	5.00E-05	0.0007276	yes
mRNA	CA01g22250	Pepper1.55ch01:171722643-171725610	TC	TD	OK	4.39391	15.9922	1.86379	3.23993	5.00E-05	0.0007276	yes
mRNA	CA01g22260	Pepper1.55ch01:171731831-171741192	TC	TD	OK	3.64772	9.15738	1.32794	2.39266	0.0003	0.0030405	yes
mRNA	CA01g22280	Pepper1.55ch01:171883416-171885840	TC	TD	OK	69.0803	138.46	1.00313	1.784	0.00415	0.0222637	yes
mRNA	CA01g22300	Pepper1.55ch01:172090311-172094503	TC	TD	OK	5.50388	1.57015	-1.80955	-2.9121	0.00285	0.0166768	yes
mRNA	CA01g22310	Pepper1.55ch01:172134111-172134522	TC	TD	OK	193.177	31.8371	-2.60114	-8.068	5.00E-05	0.0007276	yes
mRNA	CA01g22440	Pepper1.55ch01:173777197-173789032	TC	TD	OK	0.85061	30.1206	5.14611	7.41641	5.00E-05	0.0007276	yes
mRNA	CA01g22460	Pepper1.55ch01:173989227-173989649	TC	TD	OK	67.616	24.8479	-1.44424	-4.841	0.00105	0.0079626	yes
mRNA	CA01g22480	Pepper1.55ch01:174038960-174042875	TC	TD	OK	70.8145	168.235	1.24836	2.83613	0.00025	0.0026513	yes
mRNA	CA01g22510	Pepper1.55ch01:174312466-174313906	TC	TD	OK	3.42415	8.1902	1.25815	2.19751	0.0033	0.0186798	yes
mRNA	CA01g22650	Pepper1.55ch01:176257468-176259281	TC	TD	OK	19.3778	5.93495	-1.7071	-3.233	5.00E-05	0.0007276	yes
mRNA	CA01g22660	Pepper1.55ch01:176259299-176261023	TC	TD	OK	9.24572	2.84556	-1.70007	-2.7777	0.0013	0.0093599	yes
mRNA	CA01g22940	Pepper1.55ch01:177637543-177637708	TC	TD	OK	0	35.8485	inf	nan	0.001	0.0076526	yes
mRNA	CA01g23170	Pepper1.55ch01:178092189-178095094	TC	TD	OK	110.769	51.6599	-1.10044	-2.1627	0.00255	0.0155107	yes
mRNA	CA01g23180	Pepper1.55ch01:178117039-178121027	TC	TD	OK	6.93498	2.06935	-1.74472	-2.7179	0.00045	0.0041816	yes
mRNA	CA01g23280	Pepper1.55ch01:178433435-178436003	TC	TD	OK	23.791	77.3979	1.70188	3.23841	5.00E-05	0.0007276	yes
mRNA	CA01g23300	Pepper1.55ch01:178453984-178455279	TC	TD	OK	3.81412	18.413	2.2713	4.08508	0.0002	0.0022357	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA01g23310	Pepper1.55ch01:178487385-178488972	TC	TD	OK	15.0621	3.08196	-2.289	-3.8911	5.00E-05	0.0007276	yes
mRNA	CA01g23320	Pepper1.55ch01:178490413-178492333	TC	TD	OK	0.61236	4.3689	2.83481	3.44156	0.001	0.0076526	yes
mRNA	CA01g23340	Pepper1.55ch01:178499058-178499547	TC	TD	OK	1664.34	3909.9	1.23218	2.65884	0.0099	0.0418842	yes
mRNA	CA01g23520	Pepper1.55ch01:179900392-179906247	TC	TD	OK	16.2278	50.6634	1.64248	3.64845	5.00E-05	0.0007276	yes
mRNA	CA01g23530	Pepper1.55ch01:179958483-179958861	TC	TD	OK	76.5446	22.1717	-1.78758	-5.3956	5.00E-05	0.0007276	yes
mRNA	CA01g23610	Pepper1.55ch01:180220878-180222396	TC	TD	OK	83.231	30.6092	-1.44315	-4.2878	0.00035	0.0034365	yes
mRNA	CA01g23750	Pepper1.55ch01:181808963-181812376	TC	TD	OK	146.521	74.4696	-0.97638	-2.347	0.0032	0.0182162	yes
mRNA	CA01g23920	Pepper1.55ch01:185279971-185281175	TC	TD	OK	4.97631	14.5199	1.54489	3.23436	0.00445	0.0234725	yes
mRNA	CA01g23990	Pepper1.55ch01:186039246-186042017	TC	TD	OK	90.5927	1139.59	3.65297	5.7784	5.00E-05	0.0007276	yes
mRNA	CA01g24090	Pepper1.55ch01:187939748-187946490	TC	TD	OK	11.8618	5.34395	-1.15034	-1.9831	0.0029	0.0169299	yes
mRNA	CA01g24100	Pepper1.55ch01:187967713-187997000	TC	TD	OK	2.96605	6.55757	1.14462	2.01501	0.00095	0.0073823	yes
mRNA	CA01g24120	Pepper1.55ch01:188015951-188018819	TC	TD	OK	28.6797	73.9277	1.36608	3.28138	0.00025	0.0026513	yes
mRNA	CA01g24170	Pepper1.55ch01:188629025-188630768	TC	TD	OK	4.34983	0.48867	-3.15402	-2.1125	0.00525	0.0265153	yes
mRNA	CA01g24220	Pepper1.55ch01:190372099-190375294	TC	TD	OK	15.7693	31.5495	1.0005	2.27573	0.0055	0.0273839	yes
mRNA	CA01g24340	Pepper1.55ch01:192745486-192748914	TC	TD	OK	50.1192	13.7687	-1.86397	-3.4444	5.00E-05	0.0007276	yes
mRNA	CA01g24350	Pepper1.55ch01:192750020-192750888	TC	TD	OK	30.5029	11.329	-1.42892	-3.6826	0.00135	0.0096189	yes
mRNA	CA01g24450	Pepper1.55ch01:193263233-193263800	TC	TD	OK	52.7944	278.824	2.4009	5.67323	5.00E-05	0.0007276	yes
mRNA	CA01g24560	Pepper1.55ch01:194745580-194746642	TC	TD	OK	4.89757	14.2641	1.54225	3.10913	0.00045	0.0041816	yes
mRNA	CA01g24610	Pepper1.55ch01:195466707-195467757	TC	TD	OK	4.30173	23.4696	2.4478	4.6591	5.00E-05	0.0007276	yes
mRNA	CA01g24680	Pepper1.55ch01:198242356-198243133	TC	TD	OK	110.742	281.374	1.34528	3.06846	5.00E-05	0.0007276	yes
mRNA	CA01g24690	Pepper1.55ch01:198598932-198600255	TC	TD	OK	219.179	747.229	1.76944	3.28396	5.00E-05	0.0007276	yes
mRNA	CA01g24700	Pepper1.55ch01:198688961-198690323	TC	TD	OK	349.756	2100.49	2.58631	4.07303	5.00E-05	0.0007276	yes
mRNA	CA01g24870	Pepper1.55ch01:200620194-200621027	TC	TD	OK	35.8634	69.1396	0.947	2.40753	0.0064	0.0306708	yes
mRNA	CA01g24880	Pepper1.55ch01:200636744-200637191	TC	TD	OK	28.1629	67.1856	1.25436	3.80325	0.0014	0.009905	yes
mRNA	CA01g24930	Pepper1.55ch01:202067045-202070108	TC	TD	OK	3.25809	7.81578	1.26236	1.93082	0.0091	0.0394168	yes
mRNA	CA01g24990	Pepper1.55ch01:202901501-202901912	TC	TD	OK	253.365	70.3423	-1.84875	-5.7724	5.00E-05	0.0007276	yes
mRNA	CA01g25000	Pepper1.55ch01:203268724-203269629	TC	TD	OK	109.296	42.6555	-1.35743	-6.1862	0.0022	0.0138219	yes
mRNA	CA01g25010	Pepper1.55ch01:203320920-203324066	TC	TD	OK	18.9514	9.9256	-0.93308	-1.8111	0.00975	0.0414121	yes
mRNA	CA01g25190	Pepper1.55ch01:205151836-205157830	TC	TD	OK	30.8043	16.7138	-0.88209	-1.7261	0.00975	0.0414121	yes
mRNA	CA01g25250	Pepper1.55ch01:205327224-205327828	TC	TD	OK	246.168	96.5727	-1.34995	-3.2017	0.0055	0.0273839	yes
mRNA	CA01g25350	Pepper1.55ch01:206473938-206475274	TC	TD	OK	11.7115	3.35441	-1.80379	-3.0697	0.00075	0.0061114	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA01g25490	Pepper1.55ch01:207979644-207981337	TC	TD	OK	9.11356	32.5746	1.83766	4.35186	0.0002	0.0022357	yes
mRNA	CA01g25510	Pepper1.55ch01:208131854-208134016	TC	TD	OK	27.0102	84.5995	1.64715	3.80929	5.00E-05	0.0007276	yes
mRNA	CA01g25590	Pepper1.55ch01:209778656-209781581	TC	TD	OK	72.3776	289.194	1.99842	3.79372	5.00E-05	0.0007276	yes
mRNA	CA01g25640	Pepper1.55ch01:210342359-210344019	TC	TD	OK	43.6535	96.0711	1.13801	2.04295	0.0073	0.033772	yes
mRNA	CA01g25680	Pepper1.55ch01:210756281-210758315	TC	TD	OK	63.3577	139.414	1.13779	3.57127	0.0012	0.008808	yes
mRNA	CA01g26150	Pepper1.55ch01:214812078-214816921	TC	TD	OK	25.5893	63.9972	1.32247	3.10509	0.00035	0.0034365	yes
mRNA	CA01g26190	Pepper1.55ch01:215528097-215528562	TC	TD	OK	50.304	21.088	-1.25425	-3.1837	0.00225	0.0140483	yes
mRNA	CA01g26210	Pepper1.55ch01:215629572-215630864	TC	TD	OK	1121.99	511.929	-1.13205	-7.794	0.00135	0.0096189	yes
mRNA	CA01g26270	Pepper1.55ch01:217600102-217600885	TC	TD	OK	83.4759	23.5929	-1.823	-4.3015	5.00E-05	0.0007276	yes
mRNA	CA01g26280	Pepper1.55ch01:217603519-217604230	TC	TD	OK	102.172	48.4788	-1.07557	-2.5949	0.00425	0.0226232	yes
mRNA	CA01g26330	Pepper1.55ch01:217656289-217660102	TC	TD	OK	1.96588	7.50964	1.93357	2.99018	0.0006	0.0051829	yes
mRNA	CA01g26340	Pepper1.55ch01:217662121-217662898	TC	TD	OK	163.506	460.851	1.49495	3.4607	5.00E-05	0.0007276	yes
mRNA	CA01g26390	Pepper1.55ch01:217754516-217765863	TC	TD	OK	104.988	45.0655	-1.22013	-2.3514	0.00065	0.005483	yes
mRNA	CA01g26410	Pepper1.55ch01:217817571-217818069	TC	TD	OK	65.9744	24.8982	-1.40586	-3.5406	0.00055	0.0048567	yes
mRNA	CA01g26440	Pepper1.55ch01:217854934-217855357	TC	TD	OK	132.893	390.248	1.55413	4.5985	5.00E-05	0.0007276	yes
mRNA	CA01g26470	Pepper1.55ch01:218026442-218027768	TC	TD	OK	7.70308	1.40906	-2.4507	-3.6577	0.0001	0.0012767	yes
mRNA	CA01g26490	Pepper1.55ch01:218508236-218509382	TC	TD	OK	28.5423	92.9432	1.70325	3.6352	5.00E-05	0.0007276	yes
mRNA	CA01g26580	Pepper1.55ch01:219268082-219268478	TC	TD	OK	4.57112	28.5091	2.64081	5.37271	0.00085	0.0067798	yes
mRNA	CA01g26590	Pepper1.55ch01:219269077-219269452	TC	TD	OK	6.27773	68.7344	3.45272	8.16616	0.00015	0.0017852	yes
mRNA	CA01g26610	Pepper1.55ch01:219501244-219512990	TC	TD	OK	27.7518	14.966	-0.89089	-1.5335	0.0111	0.0454943	yes
mRNA	CA01g26720	Pepper1.55ch01:220077871-220078201	TC	TD	OK	133.937	262.832	0.97258	4.29134	0.0061	0.0296378	yes
mRNA	CA01g26820	Pepper1.55ch01:220280287-220283305	TC	TD	OK	68.4044	374.157	2.45148	5.36401	5.00E-05	0.0007276	yes
mRNA	CA01g26990	Pepper1.55ch01:220801552-220808469	TC	TD	OK	44.92	18.6497	-1.26821	-2.6993	0.0003	0.0030405	yes
mRNA	CA01g27100	Pepper1.55ch01:221528653-221529094	TC	TD	OK	163.067	305.161	0.90411	2.60698	0.0088	0.0385265	yes
mRNA	CA01g27220	Pepper1.55ch01:221795950-221800964	TC	TD	OK	355.282	173.898	-1.03072	-3.316	0.0027	0.0160796	yes
mRNA	CA01g27250	Pepper1.55ch01:221858685-221861500	TC	TD	OK	540.096	244.68	-1.14232	-4.2708	0.0009	0.0070813	yes
mRNA	CA01g27370	Pepper1.55ch01:222188569-222189529	TC	TD	OK	13.0972	30.1915	1.20488	2.37983	0.00165	0.011156	yes
mRNA	CA01g27380	Pepper1.55ch01:222193859-222197849	TC	TD	OK	29.6089	59.3938	1.00428	2.14222	0.00285	0.0166768	yes
mRNA	CA01g27390	Pepper1.55ch01:222217311-222217905	TC	TD	OK	11.0943	29.4636	1.40912	2.88541	0.001	0.0076526	yes
mRNA	CA01g27430	Pepper1.55ch01:222261434-222264995	TC	TD	OK	13.4479	2.70486	-2.31376	-3.6645	0.00065	0.005483	yes
mRNA	CA01g27480	Pepper1.55ch01:222350292-222351780	TC	TD	OK	25.5417	58.6361	1.19893	2.52086	0.00045	0.0041816	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA01g27530	Pepper1.55ch01:222693754-222702627	TC	TD	OK	21.5881	9.58358	-1.1716	-2.067	0.0007	0.0057915	yes
mRNA	CA01g27610	Pepper1.55ch01:223300381-223300804	TC	TD	OK	591.424	244.493	-1.2744	-3.2001	0.00285	0.0166768	yes
mRNA	CA01g27620	Pepper1.55ch01:223501158-223501932	TC	TD	OK	11.9445	1.46962	-3.02283	-3.8558	0.0031	0.0178014	yes
mRNA	CA01g27630	Pepper1.55ch01:223507381-223508415	TC	TD	OK	323.3	50.8288	-2.66915	-6.21	5.00E-05	0.0007276	yes
mRNA	CA01g27690	Pepper1.55ch01:223752221-223756023	TC	TD	OK	22.2184	9.19274	-1.27319	-2.5128	0.00055	0.0048567	yes
mRNA	CA01g27840	Pepper1.55ch01:224818850-224823526	TC	TD	OK	19.7672	44.6894	1.17683	2.37053	0.00055	0.0048567	yes
mRNA	CA01g27890	Pepper1.55ch01:224865570-224868055	TC	TD	OK	4.26551	16.0476	1.91157	3.24611	5.00E-05	0.0007276	yes
mRNA	CA01g28080	Pepper1.55ch01:225198062-225211869	TC	TD	OK	129.545	31.1362	-2.05679	-3.8472	5.00E-05	0.0007276	yes
mRNA	CA01g28120	Pepper1.55ch01:225260053-225260326	TC	TD	OK	69.4663	23.7053	-1.5511	-6.8764	0.00285	0.0166768	yes
mRNA	CA01g28210	Pepper1.55ch01:225446054-225447467	TC	TD	OK	18.6672	90.2963	2.27416	4.62585	5.00E-05	0.0007276	yes
mRNA	CA01g28270	Pepper1.55ch01:225923986-225925938	TC	TD	OK	146.739	318.124	1.11633	2.28161	0.00285	0.0166768	yes
mRNA	CA01g28430	Pepper1.55ch01:228605469-228607442	TC	TD	OK	31.9006	83.401	1.38648	2.77823	5.00E-05	0.0007276	yes
mRNA	CA01g28500	Pepper1.55ch01:230597160-230598588	TC	TD	OK	4.6615	117.873	4.6603	9.12412	5.00E-05	0.0007276	yes
mRNA	CA01g28520	Pepper1.55ch01:230790477-230790865	TC	TD	OK	93.2113	188.419	1.01537	5.7904	0.01055	0.0437751	yes
mRNA	CA01g28570	Pepper1.55ch01:231026684-231033968	TC	TD	OK	8.39769	3.75519	-1.16111	-1.9828	0.00515	0.0261679	yes
mRNA	CA01g28860	Pepper1.55ch01:236195893-236209348	TC	TD	OK	43.9931	17.3796	-1.33988	-2.6366	5.00E-05	0.0007276	yes
mRNA	CA01g29000	Pepper1.55ch01:238215352-238215922	TC	TD	OK	2.78649	9.64625	1.79152	2.84708	0.00645	0.0308908	yes
mRNA	CA01g29290	Pepper1.55ch01:242914070-242915540	TC	TD	OK	15.004	29.9694	0.99814	2.0828	0.0044	0.0232494	yes
mRNA	CA01g29300	Pepper1.55ch01:242917282-242923390	TC	TD	OK	3.79417	38.4096	3.33961	6.50321	5.00E-05	0.0007276	yes
mRNA	CA01g29370	Pepper1.55ch01:244032309-244036191	TC	TD	OK	6.0473	20.7723	1.7803	3.42274	5.00E-05	0.0007276	yes
mRNA	CA01g29540	Pepper1.55ch01:247522549-247528526	TC	TD	OK	6.84785	1.85571	-1.88368	-2.8324	0.00085	0.0067798	yes
mRNA	CA01g29590	Pepper1.55ch01:248375748-248413499	TC	TD	OK	29.7563	65.2103	1.1319	1.98664	0.00145	0.0101871	yes
mRNA	CA01g29650	Pepper1.55ch01:249828855-249831465	TC	TD	OK	30.7961	114.954	1.90024	3.92721	5.00E-05	0.0007276	yes
mRNA	CA01g29700	Pepper1.55ch01:250051080-250052735	TC	TD	OK	79.5953	227.626	1.51591	3.13111	5.00E-05	0.0007276	yes
mRNA	CA01g29710	Pepper1.55ch01:250305399-250309332	TC	TD	OK	12.4822	6.1757	-1.0152	-1.9334	0.0051	0.0260014	yes
mRNA	CA01g29960	Pepper1.55ch01:252654479-252655085	TC	TD	OK	264.107	73.3064	-1.84911	-4.5189	5.00E-05	0.0007276	yes
mRNA	CA01g30130	Pepper1.55ch01:253181471-253190066	TC	TD	OK	9.77898	2.50225	-1.96646	-3.2907	5.00E-05	0.0007276	yes
mRNA	CA01g30310	Pepper1.55ch01:253770915-253775687	TC	TD	OK	20.2104	9.33327	-1.11465	-1.8397	0.00615	0.0297658	yes
mRNA	CA01g30330	Pepper1.55ch01:253827621-253833713	TC	TD	OK	19.3521	38.4372	0.99001	2.09078	0.0059	0.0288332	yes
mRNA	CA01g30490	Pepper1.55ch01:254610421-254611432	TC	TD	OK	2.33838	6.94731	1.57094	2.34988	0.00165	0.011156	yes
mRNA	CA01g30540	Pepper1.55ch01:254697079-254701419	TC	TD	OK	52.0992	21.1932	-1.29766	-3.0104	0.00045	0.0041816	yes

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mRNA	CA01g30600	Pepper1.55ch01:255072335-255072749	TC	TD	OK	214.256	449.963	1.07047	3.86401	0.0015	0.010446	yes
mRNA	CA01g30620	Pepper1.55ch01:255145465-255148834	TC	TD	OK	11.2627	21.5442	0.93575	1.85336	0.00995	0.042025	yes
mRNA	CA01g30780	Pepper1.55ch01:256060770-256074850	TC	TD	OK	5.02125	1.89818	-1.40343	-2.4766	0.005	0.0256475	yes
mRNA	CA01g30810	Pepper1.55ch01:256333475-256333820	TC	TD	OK	15.2465	1.90494	-3.00066	-3.6015	0.00525	0.0265153	yes
mRNA	CA01g30840	Pepper1.55ch01:256477595-256479108	TC	TD	OK	14.2896	6.5585	-1.12352	-2.2711	0.0055	0.0273839	yes
mRNA	CA01g30850	Pepper1.55ch01:256482640-256483117	TC	TD	OK	35.4442	9.91392	-1.83802	-4.4741	0.0002	0.0022357	yes
mRNA	CA01g30980	Pepper1.55ch01:256986302-256987916	TC	TD	OK	97.1128	333.485	1.77989	3.57215	5.00E-05	0.0007276	yes
mRNA	CA01g31060	Pepper1.55ch01:257242991-257243531	TC	TD	OK	1905.63	505.178	-1.9154	-3.9538	5.00E-05	0.0007276	yes
mRNA	CA01g31170	Pepper1.55ch01:257530715-257533550	TC	TD	OK	77.6967	39.4071	-0.9794	-2.2728	0.00465	0.0242646	yes
mRNA	CA01g31200	Pepper1.55ch01:257565033-257566574	TC	TD	OK	21.4094	60.1973	1.49146	3.30356	0.00015	0.0017852	yes
mRNA	CA01g31230	Pepper1.55ch01:257601827-257603120	TC	TD	OK	6.54762	28.3817	2.11592	3.50854	5.00E-05	0.0007276	yes
mRNA	CA01g31270	Pepper1.55ch01:257646885-257650230	TC	TD	OK	1.97106	9.30141	2.23848	3.37009	0.0003	0.0030405	yes
mRNA	CA01g31280	Pepper1.55ch01:257651333-257657788	TC	TD	OK	4.96366	2.20106	-1.17321	-1.9229	0.00525	0.0265153	yes
mRNA	CA01g31360	Pepper1.55ch01:257737621-257739103	TC	TD	OK	75.1755	229.244	1.60855	2.80057	0.0001	0.0012767	yes
mRNA	CA01g31460	Pepper1.55ch01:257969608-257973666	TC	TD	OK	67.1962	29.4869	-1.18831	-2.4483	0.00045	0.0041816	yes
mRNA	CA01g31480	Pepper1.55ch01:257987607-257990305	TC	TD	OK	28.2692	9.35787	-1.59498	-3.1656	0.0002	0.0022357	yes
mRNA	CA01g31490	Pepper1.55ch01:257999037-258000423	TC	TD	OK	13.5802	2.06049	-2.72044	-3.9586	0.0001	0.0012767	yes
mRNA	CA01g31500	Pepper1.55ch01:258007856-258010457	TC	TD	OK	124.236	51.615	-1.26722	-2.6252	0.00025	0.0026513	yes
mRNA	CA01g31520	Pepper1.55ch01:258032301-258035358	TC	TD	OK	6.59626	13.1996	1.00078	1.99451	0.003	0.0173859	yes
mRNA	CA01g31650	Pepper1.55ch01:258234407-258239325	TC	TD	OK	110.693	230.098	1.05568	2.2234	0.00485	0.024997	yes
mRNA	CA01g31670	Pepper1.55ch01:258262630-258265518	TC	TD	OK	1.4606	4.86715	1.73652	2.24686	0.00765	0.0349625	yes
mRNA	CA01g31680	Pepper1.55ch01:258280658-258286827	TC	TD	OK	3.77545	10.3014	1.44812	2.26656	0.0005	0.0045156	yes
mRNA	CA01g31690	Pepper1.55ch01:258354757-258356806	TC	TD	OK	8.78767	3.842	-1.19362	-2.0978	0.0058	0.0284366	yes
mRNA	CA01g31700	Pepper1.55ch01:258359372-258359815	TC	TD	OK	53.1159	125.408	1.23941	4.64474	0.00145	0.0101871	yes
mRNA	CA01g31810	Pepper1.55ch01:258987159-258994253	TC	TD	OK	44.8813	23.2929	-0.94623	-1.8152	0.0059	0.0288332	yes
mRNA	CA01g32040	Pepper1.55ch01:261547551-261548351	TC	TD	OK	59.1455	7.78971	-2.92463	-6.2171	5.00E-05	0.0007276	yes
mRNA	CA01g32050	Pepper1.55ch01:261576742-261577524	TC	TD	OK	65.1404	7.5424	-3.11046	-6.1999	5.00E-05	0.0007276	yes
mRNA	CA01g32090	Pepper1.55ch01:262126489-262128596	TC	TD	OK	3.35881	7.1053	1.08094	1.78717	0.0096	0.0410174	yes
mRNA	CA01g32150	Pepper1.55ch01:262772781-262775187	TC	TD	OK	30.8497	10.247	-1.59005	-3.0602	5.00E-05	0.0007276	yes
mRNA	CA01g32250	Pepper1.55ch01:263495061-263498838	TC	TD	OK	3.70482	0.84167	-2.13808	-2.7823	0.00065	0.005483	yes
mRNA	CA01g32430	Pepper1.55ch01:264523102-264525716	TC	TD	OK	0.81349	4.442	2.44902	2.65277	0.0045	0.0236701	yes

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mRNA	CA01g32440	Pepper1.55ch01:264657461-264660383	TC	TD	OK	20.0375	38.6907	0.94928	1.77961	0.00775	0.0352806	yes
mRNA	CA01g32470	Pepper1.55ch01:264837955-264839182	TC	TD	OK	64.1253	23.114	-1.47213	-2.7884	5.00E-05	0.0007276	yes
mRNA	CA01g32540	Pepper1.55ch01:265279052-265280909	TC	TD	OK	19.1326	35.1819	0.87881	1.81657	0.01175	0.0474242	yes
mRNA	CA01g33080	Pepper1.55ch01:268093471-268096965	TC	TD	OK	1.63299	4.33612	1.40889	1.90723	0.00965	0.0411031	yes
mRNA	CA01g33230	Pepper1.55ch01:269256924-269257542	TC	TD	OK	50.1714	22.4096	-1.16275	-2.8394	0.00235	0.0145463	yes
mRNA	CA01g33310	Pepper1.55ch01:269395981-269398222	TC	TD	OK	4.59024	0.77287	-2.57028	-3.4965	5.00E-05	0.0007276	yes
mRNA	CA01g33330	Pepper1.55ch01:269410430-269412605	TC	TD	OK	6.24054	1.17908	-2.40401	-3.6695	5.00E-05	0.0007276	yes
mRNA	CA01g33350	Pepper1.55ch01:269430802-269432437	TC	TD	OK	37.7799	9.91155	-1.93044	-3.5019	5.00E-05	0.0007276	yes
mRNA	CA01g33360	Pepper1.55ch01:269432496-269433075	TC	TD	OK	122.318	22.6856	-2.43078	-5.7784	5.00E-05	0.0007276	yes
mRNA	CA01g33370	Pepper1.55ch01:269436105-269438352	TC	TD	OK	4.13647	1.28679	-1.68463	-2.4748	0.00055	0.0048567	yes
mRNA	CA01g33430	Pepper1.55ch01:269483915-269487189	TC	TD	OK	18.0124	3.72866	-2.27226	-3.9532	5.00E-05	0.0007276	yes
mRNA	CA01g33460	Pepper1.55ch01:269519945-269520584	TC	TD	OK	15.0194	2.6138	-2.52261	-3.7167	0.0003	0.0030405	yes
mRNA	CA01g33480	Pepper1.55ch01:269527507-269528242	TC	TD	OK	7.00703	2.02094	-1.79377	-2.2619	0.00705	0.0329284	yes
mRNA	CA01g33490	Pepper1.55ch01:269530953-269531646	TC	TD	OK	13.3598	4.44196	-1.58863	-2.5337	0.0025	0.0152991	yes
mRNA	CA01g33510	Pepper1.55ch01:269545150-269546430	TC	TD	OK	67.3931	10.2234	-2.72073	-5.8356	5.00E-05	0.0007276	yes
mRNA	CA01g33570	Pepper1.55ch01:269668817-269672961	TC	TD	OK	26.5942	11.6886	-1.18601	-2.9405	0.0099	0.0418842	yes
mRNA	CA01g33590	Pepper1.55ch01:269717173-269723813	TC	TD	OK	14.4239	43.4668	1.59145	3.04789	5.00E-05	0.0007276	yes
mRNA	CA01g33630	Pepper1.55ch01:269799291-269802425	TC	TD	OK	3.6053	10.6397	1.56127	2.29754	0.0063	0.0303071	yes
mRNA	CA01g33660	Pepper1.55ch01:269841728-269842175	TC	TD	OK	4.13137	14.6825	1.82941	3.72296	0.00875	0.0383967	yes
mRNA	CA01g33680	Pepper1.55ch01:269845951-269850407	TC	TD	OK	58.7587	125.649	1.09653	2.58758	0.0028	0.0165058	yes
mRNA	CA01g33740	Pepper1.55ch01:270285030-270288624	TC	TD	OK	49.0869	18.6643	-1.39506	-2.8699	5.00E-05	0.0007276	yes
mRNA	CA01g33890	Pepper1.55ch01:270804111-270805953	TC	TD	OK	33.0413	14.255	-1.2128	-2.3251	0.0007	0.0057915	yes
mRNA	CA01g33990	Pepper1.55ch01:271097723-271106392	TC	TD	OK	37.5759	16.1756	-1.21599	-2.5263	0.0005	0.0045156	yes
mRNA	CA01g34000	Pepper1.55ch01:271148435-271154331	TC	TD	OK	70.4907	8.86554	-2.99115	-5.878	5.00E-05	0.0007276	yes
mRNA	CA01g34060	Pepper1.55ch01:271482231-271483094	TC	TD	OK	3.5275	18.4152	2.38418	3.81371	0.0004	0.0038157	yes
mRNA	CA01g34110	Pepper1.55ch01:271529981-271532943	TC	TD	OK	5.1743	29.1979	2.49643	4.98788	0.0001	0.0012767	yes
mRNA	CA01g34250	Pepper1.55ch01:271716848-271717559	TC	TD	OK	44.0744	98.8902	1.16589	2.32186	0.00215	0.0136155	yes
mRNA	CA01g34290	Pepper1.55ch01:271762169-271765889	TC	TD	OK	1344.61	3011.14	1.16312	3.23287	0.00415	0.0222637	yes
mRNA	CA01g34470	Pepper1.55ch01:272194276-272196019	TC	TD	OK	101.34	405.777	2.00149	3.0808	5.00E-05	0.0007276	yes
mRNA	CA01g34500	Pepper1.55ch01:272231519-272242291	TC	TD	OK	3.81703	1.46256	-1.38395	-2.0814	0.00325	0.0184521	yes
mRNA	CA01g34590	Pepper1.55ch01:272327501-272332209	TC	TD	OK	3.13075	11.5284	1.88061	3.34056	5.00E-05	0.0007276	yes

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mRNA	CA01g34630	Pepper1.55ch01:272358607-272360977	TC	TD	OK	15.6855	5.89166	-1.41268	-2.6072	0.0023	0.0143131	yes
mRNA	CA01g34780	Pepper1.55ch01:272602471-272603229	TC	TD	OK	351.742	153.176	-1.19933	-3.1292	0.0022	0.0138219	yes
mRNA	CA01g34870	Pepper1.55ch01:272668005-272668320	TC	TD	OK	9.69152	28.2207	1.54196	4.13286	0.009	0.0391184	yes
mRNA	CA02g00090	Pepper1.55ch02:766675-768103	TC	TD	OK	12.597	4.53767	-1.47306	-2.5947	0.0003	0.0030405	yes
mRNA	CA02g00170	Pepper1.55ch02:1375003-1375972	TC	TD	OK	59.5022	148.558	1.32001	2.73371	0.0002	0.0022357	yes
mRNA	CA02g00320	Pepper1.55ch02:2160561-2163436	TC	TD	OK	7.25772	1.8617	-1.9629	-3.0037	0.0005	0.0045156	yes
mRNA	CA02g00370	Pepper1.55ch02:2369674-2371442	TC	TD	OK	6.03557	17.9347	1.57119	2.62069	0.001	0.0076526	yes
mRNA	CA02g00380	Pepper1.55ch02:2466481-2468385	TC	TD	OK	66.1592	24.8708	-1.41149	-2.9635	0.0001	0.0012767	yes
mRNA	CA02g00390	Pepper1.55ch02:2559002-2560050	TC	TD	OK	26.8827	53.3522	0.98887	2.02625	0.005	0.0256475	yes
mRNA	CA02g00500	Pepper1.55ch02:3099019-3100645	TC	TD	OK	12.9567	1.77496	-2.86784	-4.5952	5.00E-05	0.0007276	yes
mRNA	CA02g00530	Pepper1.55ch02:3160126-3160965	TC	TD	OK	3.32579	13.2258	1.99158	3.38535	0.002	0.012937	yes
mRNA	CA02g00540	Pepper1.55ch02:3590805-3596063	TC	TD	OK	3.79274	1.81265	-1.06514	-1.6244	0.01105	0.0453386	yes
mRNA	CA02g00690	Pepper1.55ch02:4221187-4223642	TC	TD	OK	10.5144	23.4314	1.15608	2.15279	0.00165	0.011156	yes
mRNA	CA02g00780	Pepper1.55ch02:4507360-4509248	TC	TD	OK	77.2501	37.5873	-1.03929	-1.9823	0.00255	0.0155107	yes
mRNA	CA02g00800	Pepper1.55ch02:4526090-4531113	TC	TD	OK	11.8777	23.2984	0.97198	1.87153	0.00545	0.0272608	yes
mRNA	CA02g00890	Pepper1.55ch02:4956738-4957727	TC	TD	OK	14.3856	38.734	1.42898	4.41594	0.00575	0.0283018	yes
mRNA	CA02g00920	Pepper1.55ch02:5096289-5097762	TC	TD	OK	4.20693	0.5744	-2.87264	-3.2928	0.00255	0.0155107	yes
mRNA	CA02g00990	Pepper1.55ch02:5729540-5735397	TC	TD	OK	32.6336	9.77726	-1.73886	-3.4166	5.00E-05	0.0007276	yes
mRNA	CA02g01010	Pepper1.55ch02:5786660-5790198	TC	TD	OK	3.96096	0.56896	-2.79946	-2.7661	0.0017	0.0114072	yes
mRNA	CA02g01120	Pepper1.55ch02:6561904-6564581	TC	TD	OK	6.98191	96.6915	3.7917	7.01199	5.00E-05	0.0007276	yes
mRNA	CA02g01250	Pepper1.55ch02:8341287-8342256	TC	TD	OK	26.0487	12.7627	-1.02927	-2.2476	0.00655	0.031231	yes
mRNA	CA02g01340	Pepper1.55ch02:8471874-8473822	TC	TD	OK	17.2497	5.63238	-1.61475	-2.9584	0.001	0.0076526	yes
mRNA	CA02g01400	Pepper1.55ch02:8648920-8652311	TC	TD	OK	6.43656	1.4802	-2.1205	-2.6755	0.0005	0.0045156	yes
mRNA	CA02g01710	Pepper1.55ch02:12820211-12823758	TC	TD	OK	47.0844	13.7785	-1.77283	-3.7525	5.00E-05	0.0007276	yes
mRNA	CA02g01800	Pepper1.55ch02:14052834-14054439	TC	TD	OK	2.4393	7.25757	1.57302	2.55595	0.01165	0.0471847	yes
mRNA	CA02g01870	Pepper1.55ch02:15143487-15144825	TC	TD	OK	29.7442	7.01547	-2.084	-4.0984	5.00E-05	0.0007276	yes
mRNA	CA02g01880	Pepper1.55ch02:15790200-15794030	TC	TD	OK	16.1272	7.13083	-1.17735	-2.2789	0.00445	0.0234725	yes
mRNA	CA02g02040	Pepper1.55ch02:17384648-17389748	TC	TD	OK	7.75681	24.8635	1.68049	2.99082	5.00E-05	0.0007276	yes
mRNA	CA02g02380	Pepper1.55ch02:21987227-21988349	TC	TD	OK	11.3378	1.49126	-2.92654	-4.2729	0.00035	0.0034365	yes
mRNA	CA02g02520	Pepper1.55ch02:25641281-25642498	TC	TD	OK	44.7766	98.4557	1.13673	3.26749	0.00205	0.0131645	yes
mRNA	CA02g02570	Pepper1.55ch02:26375822-26378804	TC	TD	OK	38.1116	15.3178	-1.31502	-2.6919	0.00075	0.0061114	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA02g02740	Pepper1.55ch02:29087876-29090538	TC	TD	OK	38.4897	3.02142	-3.67118	-5.5996	5.00E-05	0.0007276	yes
mRNA	CA02g02790	Pepper1.55ch02:30317388-30318525	TC	TD	OK	14.6773	33.6552	1.19724	2.71087	0.00065	0.005483	yes
mRNA	CA02g02800	Pepper1.55ch02:30321473-30321866	TC	TD	OK	9.28601	31.3298	1.7544	4.47164	0.0006	0.0051829	yes
mRNA	CA02g02870	Pepper1.55ch02:32221869-32224357	TC	TD	OK	1.09183	14.6445	3.74555	5.03116	5.00E-05	0.0007276	yes
mRNA	CA02g02990	Pepper1.55ch02:35300053-35300647	TC	TD	OK	61.4357	29.6889	-1.04915	-2.6157	0.0031	0.0178014	yes
mRNA	CA02g03100	Pepper1.55ch02:38508550-38511605	TC	TD	OK	2.95897	7.86573	1.41048	2.44632	0.00025	0.0026513	yes
mRNA	CA02g03190	Pepper1.55ch02:42009397-42014638	TC	TD	OK	17.4523	5.13368	-1.76535	-3.232	5.00E-05	0.0007276	yes
mRNA	CA02g03210	Pepper1.55ch02:43051263-43052159	TC	TD	OK	23.9188	4.34381	-2.46111	-5.0148	0.0095	0.0406823	yes
mRNA	CA02g03330	Pepper1.55ch02:46107828-46122334	TC	TD	OK	7.29059	2.11845	-1.78303	-3.046	0.00045	0.0041816	yes
mRNA	CA02g03340	Pepper1.55ch02:46401317-46404099	TC	TD	OK	0.74972	4.65258	2.63362	2.96473	0.00165	0.011156	yes
mRNA	CA02g03450	Pepper1.55ch02:48635213-48644819	TC	TD	OK	6.40872	2.96706	-1.111	-1.8483	0.0083	0.0370797	yes
mRNA	CA02g03640	Pepper1.55ch02:52235976-52238309	TC	TD	OK	18.4507	6.40845	-1.52563	-3.1835	0.00165	0.011156	yes
mRNA	CA02g03690	Pepper1.55ch02:52690919-52694758	TC	TD	OK	10.5967	4.05329	-1.38645	-2.4699	0.0005	0.0045156	yes
mRNA	CA02g03890	Pepper1.55ch02:54599325-54604409	TC	TD	OK	6.27081	53.3899	3.08984	5.32433	5.00E-05	0.0007276	yes
mRNA	CA02g04110	Pepper1.55ch02:58582876-58586826	TC	TD	OK	51.2095	22.1575	-1.20861	-2.6347	0.00065	0.005483	yes
mRNA	CA02g04220	Pepper1.55ch02:60051387-60051798	TC	TD	OK	1707.02	341.153	-2.32299	-6.8352	5.00E-05	0.0007276	yes
mRNA	CA02g04230	Pepper1.55ch02:60076962-60078464	TC	TD	OK	124.346	52.5057	-1.24382	-6.9295	0.00425	0.0226232	yes
mRNA	CA02g04270	Pepper1.55ch02:60211394-60212779	TC	TD	OK	76.6644	9.03697	-3.08465	-6.0637	5.00E-05	0.0007276	yes
mRNA	CA02g04280	Pepper1.55ch02:60263271-60264622	TC	TD	OK	17.4168	5.71941	-1.60654	-2.764	0.0002	0.0022357	yes
mRNA	CA02g04360	Pepper1.55ch02:60559196-60559739	TC	TD	OK	89.6395	405.987	2.17923	5.22406	5.00E-05	0.0007276	yes
mRNA	CA02g04370	Pepper1.55ch02:60563379-60564129	TC	TD	OK	6.49179	49.3587	2.92662	5.44867	5.00E-05	0.0007276	yes
mRNA	CA02g04430	Pepper1.55ch02:60665240-60672195	TC	TD	OK	10.5521	3.19927	-1.72171	-3.0141	0.00015	0.0017852	yes
mRNA	CA02g04490	Pepper1.55ch02:60763680-60765557	TC	TD	OK	22.4559	9.55278	-1.2331	-2.5487	0.0048	0.0248838	yes
mRNA	CA02g04520	Pepper1.55ch02:60798712-60799072	TC	TD	OK	47.1834	8.16982	-2.5299	-6.4989	0.00035	0.0034365	yes
mRNA	CA02g04610	Pepper1.55ch02:61000624-61001812	TC	TD	OK	115.035	1518.99	3.72297	7.54041	5.00E-05	0.0007276	yes
mRNA	CA02g04650	Pepper1.55ch02:62205092-62206985	TC	TD	OK	120.992	31.8961	-1.92346	-3.5914	5.00E-05	0.0007276	yes
mRNA	CA02g04690	Pepper1.55ch02:63225037-63226009	TC	TD	OK	163.598	83.201	-0.97548	-2.6679	0.00385	0.0211351	yes
mRNA	CA02g04750	Pepper1.55ch02:63324113-63326422	TC	TD	OK	507.811	225.247	-1.17278	-2.2139	0.00135	0.0096189	yes
mRNA	CA02g04760	Pepper1.55ch02:63349187-63351950	TC	TD	OK	870.296	388.506	-1.16357	-2.366	0.00315	0.0180131	yes
mRNA	CA02g04840	Pepper1.55ch02:63505570-63506764	TC	TD	OK	41.722	123.14	1.56141	3.50677	5.00E-05	0.0007276	yes
mRNA	CA02g04860	Pepper1.55ch02:63570449-63574470	TC	TD	OK	4.22345	1.07573	-1.97311	-3.1485	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA02g04950	Pepper1.55ch02:63676774-63680245	TC	TD	OK	133.264	56.0193	-1.25029	-3.6376	0.0001	0.0012767	yes
mRNA	CA02g04980	Pepper1.55ch02:63789613-63791215	TC	TD	OK	21.9448	78.8793	1.84577	3.41792	5.00E-05	0.0007276	yes
mRNA	CA02g04990	Pepper1.55ch02:63813911-63819870	TC	TD	OK	45.5655	22.4122	-1.02365	-2.0974	0.0024	0.0148011	yes
mRNA	CA02g05000	Pepper1.55ch02:63822201-63823812	TC	TD	OK	13.7609	5.11343	-1.42821	-2.5692	0.0004	0.0038157	yes
mRNA	CA02g05070	Pepper1.55ch02:64822210-64822987	TC	TD	OK	14.3039	55.8493	1.96513	4.1184	5.00E-05	0.0007276	yes
mRNA	CA02g05250	Pepper1.55ch02:68468185-68474681	TC	TD	OK	19.3866	7.40945	-1.38762	-2.6152	0.00015	0.0017852	yes
mRNA	CA02g05320	Pepper1.55ch02:69687774-69688915	TC	TD	OK	33.9944	86.2567	1.34334	2.9963	0.0002	0.0022357	yes
mRNA	CA02g05350	Pepper1.55ch02:70357311-70364167	TC	TD	OK	36.7833	78.9128	1.10121	2.3796	0.00105	0.0079626	yes
mRNA	CA02g05510	Pepper1.55ch02:72334171-72334895	TC	TD	OK	257.351	68.0926	-1.91817	-4.5773	5.00E-05	0.0007276	yes
mRNA	CA02g05590	Pepper1.55ch02:73287429-73287699	TC	TD	OK	60.4965	126.276	1.06166	5.38278	0.00855	0.037827	yes
mRNA	CA02g05600	Pepper1.55ch02:73392609-73395582	TC	TD	OK	20.334	7.60731	-1.41844	-2.8759	0.00065	0.005483	yes
mRNA	CA02g05730	Pepper1.55ch02:76080214-76081526	TC	TD	OK	13.0669	3.11332	-2.06939	-3.51	0.0016	0.0109355	yes
mRNA	CA02g05780	Pepper1.55ch02:76543670-76544138	TC	TD	OK	51.9251	180.367	1.79643	5.00453	5.00E-05	0.0007276	yes
mRNA	CA02g05810	Pepper1.55ch02:77462073-77462798	TC	TD	OK	22.1813	43.6383	0.97625	2.44263	0.01	0.0421536	yes
mRNA	CA02g05860	Pepper1.55ch02:78661676-78665814	TC	TD	OK	22.7401	7.81168	-1.54153	-2.6571	0.00025	0.0026513	yes
mRNA	CA02g06010	Pepper1.55ch02:80973615-80974430	TC	TD	OK	4.63198	185.379	5.3227	11.5233	0.00015	0.0017852	yes
mRNA	CA02g06150	Pepper1.55ch02:84029328-84031797	TC	TD	OK	5.88402	19.3121	1.71463	3.14214	5.00E-05	0.0007276	yes
mRNA	CA02g06260	Pepper1.55ch02:86199834-86208862	TC	TD	OK	12.1781	4.18818	-1.53989	-2.7816	0.0001	0.0012767	yes
mRNA	CA02g06270	Pepper1.55ch02:87329141-87337402	TC	TD	OK	70.6156	175.346	1.31214	3.11274	0.00015	0.0017852	yes
mRNA	CA02g06380	Pepper1.55ch02:92268065-92269713	TC	TD	OK	27.9263	7.35498	-1.92483	-3.853	5.00E-05	0.0007276	yes
mRNA	CA02g06400	Pepper1.55ch02:92895150-92898606	TC	TD	OK	9.43377	25.1485	1.41457	3.119	0.0014	0.009905	yes
mRNA	CA02g06440	Pepper1.55ch02:93347398-93349214	TC	TD	OK	1.16735	15.2305	3.70565	5.38576	5.00E-05	0.0007276	yes
mRNA	CA02g06490	Pepper1.55ch02:95573059-95573425	TC	TD	OK	47.4017	20.3138	-1.22248	-3.8598	0.0053	0.0266964	yes
mRNA	CA02g06740	Pepper1.55ch02:100584603-100587882	TC	TD	OK	20.5192	39.1306	0.93133	2.14848	0.0125	0.0498119	yes
mRNA	CA02g07270	Pepper1.55ch02:105803364-105806264	TC	TD	OK	6.08988	65.1671	3.41966	6.74261	5.00E-05	0.0007276	yes
mRNA	CA02g07420	Pepper1.55ch02:108116548-108120738	TC	TD	OK	43.147	20.4632	-1.07623	-2.211	0.00275	0.016281	yes
mRNA	CA02g07430	Pepper1.55ch02:108228654-108229143	TC	TD	OK	1029.51	343.383	-1.58407	-3.9244	5.00E-05	0.0007276	yes
mRNA	CA02g07440	Pepper1.55ch02:108235971-108241039	TC	TD	OK	154.855	71.4051	-1.11682	-1.7719	0.00745	0.0342977	yes
mRNA	CA02g07650	Pepper1.55ch02:109924098-109924435	TC	TD	OK	0	11.6349	inf	nan	0.00145	0.0101871	yes
mRNA	CA02g07690	Pepper1.55ch02:110147858-110152348	TC	TD	OK	13.6624	4.36421	-1.64642	-3.0514	0.0003	0.0030405	yes
mRNA	CA02g07740	Pepper1.55ch02:111293831-111299688	TC	TD	OK	226.461	76.6087	-1.56368	-3.7912	5.00E-05	0.0007276	yes

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mRNA	CA02g07770	Pepper1.55ch02:111402820-111404918	TC	TD	OK	214.29	96.2471	-1.15475	-2.159	0.00215	0.0136155	yes
mRNA	CA02g07890	Pepper1.55ch02:112028700-112031594	TC	TD	OK	7.33529	2.01211	-1.86615	-3.1284	0.0001	0.0012767	yes
mRNA	CA02g08180	Pepper1.55ch02:114619130-114620453	TC	TD	OK	172.861	332.428	0.94343	3.76766	0.0081	0.0365323	yes
mRNA	CA02g08400	Pepper1.55ch02:116941304-116942648	TC	TD	OK	13.3228	42.7193	1.68099	3.43766	5.00E-05	0.0007276	yes
mRNA	CA02g08490	Pepper1.55ch02:117775100-117775508	TC	TD	OK	72.3927	152.953	1.07917	4.34351	0.0035	0.0195624	yes
mRNA	CA02g08510	Pepper1.55ch02:117821401-117825400	TC	TD	OK	256.54	741.709	1.53167	3.06329	0.00045	0.0041816	yes
mRNA	CA02g08530	Pepper1.55ch02:118218857-118220343	TC	TD	OK	26.8705	58.071	1.1118	2.53393	0.0026	0.0156946	yes
mRNA	CA02g08580	Pepper1.55ch02:118406958-118408581	TC	TD	OK	9.09602	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA02g08610	Pepper1.55ch02:118644014-118645090	TC	TD	OK	7.81995	17.2133	1.1383	2.09513	0.01005	0.0423171	yes
mRNA	CA02g08680	Pepper1.55ch02:119413449-119416387	TC	TD	OK	370.491	141.945	-1.3841	-2.99	5.00E-05	0.0007276	yes
mRNA	CA02g08700	Pepper1.55ch02:119458856-119460506	TC	TD	OK	29.7502	15.5247	-0.93834	-1.9346	0.01145	0.046537	yes
mRNA	CA02g08810	Pepper1.55ch02:119838137-119841319	TC	TD	OK	238.37	1475.42	2.62985	14.2059	5.00E-05	0.0007276	yes
mRNA	CA02g08910	Pepper1.55ch02:120433074-120433392	TC	TD	OK	11.0954	34.3061	1.62851	4.90241	0.0058	0.0284366	yes
mRNA	CA02g08940	Pepper1.55ch02:120517472-120519657	TC	TD	OK	145.063	385.556	1.41026	3.31849	5.00E-05	0.0007276	yes
mRNA	CA02g09010	Pepper1.55ch02:120837017-120837407	TC	TD	OK	63.7459	28.0945	-1.18204	-3.8641	0.00395	0.0215352	yes
mRNA	CA02g09120	Pepper1.55ch02:121172723-121177218	TC	TD	OK	5.0622	2.44185	-1.05179	-1.8391	0.0125	0.0498119	yes
mRNA	CA02g09270	Pepper1.55ch02:122066385-122067982	TC	TD	OK	10.0478	23.358	1.21704	2.71523	0.0075	0.0344543	yes
mRNA	CA02g09330	Pepper1.55ch02:122215766-122219583	TC	TD	OK	1.62135	6.34479	1.96837	3.159	0.0001	0.0012767	yes
mRNA	CA02g09360	Pepper1.55ch02:122273847-122276058	TC	TD	OK	24.6443	6.11223	-2.01148	-3.9024	5.00E-05	0.0007276	yes
mRNA	CA02g09620	Pepper1.55ch02:123304273-123307194	TC	TD	OK	20.923	51.818	1.30836	2.78865	0.00035	0.0034365	yes
mRNA	CA02g09630	Pepper1.55ch02:123308999-123310682	TC	TD	OK	35.437	17.6111	-1.00877	-2.3181	0.00525	0.0265153	yes
mRNA	CA02g09690	Pepper1.55ch02:123399346-123404453	TC	TD	OK	42.5473	94.0642	1.14458	2.32565	0.0005	0.0045156	yes
mRNA	CA02g09760	Pepper1.55ch02:124221751-124222378	TC	TD	OK	51.5069	304.424	2.56324	6.13517	5.00E-05	0.0007276	yes
mRNA	CA02g09800	Pepper1.55ch02:124373172-124380479	TC	TD	OK	38.4821	73.2897	0.92942	1.69124	0.0094	0.0403457	yes
mRNA	CA02g09830	Pepper1.55ch02:124790654-124792420	TC	TD	OK	21.8937	10.2993	-1.08797	-2.2279	0.00455	0.0238831	yes
mRNA	CA02g09950	Pepper1.55ch02:126873893-126882321	TC	TD	OK	83.9257	188.745	1.16925	2.25351	0.0007	0.0057915	yes
mRNA	CA02g10150	Pepper1.55ch02:128154456-128156977	TC	TD	OK	409.138	187.715	-1.12405	-3.5718	0.00085	0.0067798	yes
mRNA	CA02g10160	Pepper1.55ch02:128162666-128165942	TC	TD	OK	13.0106	25.282	0.95842	1.78864	0.01165	0.0471847	yes
mRNA	CA02g10180	Pepper1.55ch02:128202490-128210899	TC	TD	OK	28.7439	13.0748	-1.13647	-1.9983	0.001	0.0076526	yes
mRNA	CA02g10300	Pepper1.55ch02:128842402-128843509	TC	TD	OK	22.0498	46.6317	1.08055	2.27276	0.0028	0.0165058	yes
mRNA	CA02g10380	Pepper1.55ch02:129856126-129856522	TC	TD	OK	33.5905	0	#NAME?	nan	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA02g10490	Pepper1.55ch02:130083037-130089215	TC	TD	OK	58.6839	21.479	-1.45004	-3.0818	5.00E-05	0.0007276	yes
mRNA	CA02g10500	Pepper1.55ch02:130100935-130103153	TC	TD	OK	48.2315	19.8766	-1.27891	-3.6873	0.0027	0.0160796	yes
mRNA	CA02g10570	Pepper1.55ch02:130887355-130888843	TC	TD	OK	0.91324	4.67186	2.35493	2.9278	0.0007	0.0057915	yes
mRNA	CA02g10580	Pepper1.55ch02:130928867-130930619	TC	TD	OK	36.1397	8.61308	-2.06898	-3.7256	5.00E-05	0.0007276	yes
mRNA	CA02g10640	Pepper1.55ch02:131091287-131095459	TC	TD	OK	23.232	8.82402	-1.39661	-2.3828	0.00045	0.0041816	yes
mRNA	CA02g10710	Pepper1.55ch02:131241448-131243677	TC	TD	OK	885.932	320.632	-1.46628	-2.9319	0.0001	0.0012767	yes
mRNA	CA02g10740	Pepper1.55ch02:131260712-131269111	TC	TD	OK	13.8293	5.58471	-1.30817	-2.4239	0.0003	0.0030405	yes
mRNA	CA02g10820	Pepper1.55ch02:131710296-131711535	TC	TD	OK	233.919	78.1823	-1.58109	-4.5893	5.00E-05	0.0007276	yes
mRNA	CA02g10960	Pepper1.55ch02:132073453-132076946	TC	TD	OK	28.1256	6.58361	-2.09493	-3.8639	5.00E-05	0.0007276	yes
mRNA	CA02g11010	Pepper1.55ch02:132219005-132225683	TC	TD	OK	23.4694	44.4114	0.92015	1.70351	0.00595	0.0290118	yes
mRNA	CA02g11070	Pepper1.55ch02:132286215-132286926	TC	TD	OK	10.1225	2.39012	-2.08241	-2.707	0.00215	0.0136155	yes
mRNA	CA02g11090	Pepper1.55ch02:132885162-132886915	TC	TD	OK	43.9897	9.98139	-2.13985	-3.9371	5.00E-05	0.0007276	yes
mRNA	CA02g11170	Pepper1.55ch02:133343337-133344586	TC	TD	OK	12.8615	35.5616	1.46726	2.96538	5.00E-05	0.0007276	yes
mRNA	CA02g11460	Pepper1.55ch02:134420609-134420828	TC	TD	OK	0	15.0217	inf	nan	0.00145	0.0101871	yes
mRNA	CA02g11510	Pepper1.55ch02:134533378-134534896	TC	TD	OK	15.3381	37.4568	1.28811	2.29473	0.0005	0.0045156	yes
mRNA	CA02g11560	Pepper1.55ch02:135054655-135056225	TC	TD	OK	311.677	170.037	-0.8742	-2.3812	0.01115	0.0456373	yes
mRNA	CA02g11570	Pepper1.55ch02:135062641-135063307	TC	TD	OK	139.977	268.124	0.93771	5.4192	0.00815	0.0366701	yes
mRNA	CA02g11580	Pepper1.55ch02:135065261-135065615	TC	TD	OK	59.546	182.799	1.61818	5.86711	5.00E-05	0.0007276	yes
mRNA	CA02g11600	Pepper1.55ch02:135110550-135111795	TC	TD	OK	9.00183	3.70874	-1.27929	-2.0925	0.0041	0.0221054	yes
mRNA	CA02g11710	Pepper1.55ch02:135237038-135237311	TC	TD	OK	109.693	48.2493	-1.18489	-5.371	0.01035	0.0432664	yes
mRNA	CA02g11900	Pepper1.55ch02:135972868-135978933	TC	TD	OK	16.2184	3.60335	-2.17022	-3.765	5.00E-05	0.0007276	yes
mRNA	CA02g11910	Pepper1.55ch02:135986553-135990872	TC	TD	OK	62.4418	27.4925	-1.18347	-2.4746	0.0004	0.0038157	yes
mRNA	CA02g11930	Pepper1.55ch02:136033016-136038371	TC	TD	OK	6.70453	3.10596	-1.1101	-1.9726	0.00225	0.0140483	yes
mRNA	CA02g11950	Pepper1.55ch02:136169259-136171747	TC	TD	OK	55.7915	21.2708	-1.39117	-2.8689	0.00015	0.0017852	yes
mRNA	CA02g11960	Pepper1.55ch02:136230252-136234212	TC	TD	OK	25.9571	12.395	-1.06636	-2.2834	0.0044	0.0232494	yes
mRNA	CA02g12050	Pepper1.55ch02:136373491-136374289	TC	TD	OK	1060.84	390.668	-1.44119	-2.5329	0.00065	0.005483	yes
mRNA	CA02g12060	Pepper1.55ch02:136377856-136378711	TC	TD	OK	107.292	17.3148	-2.63146	-5.1242	5.00E-05	0.0007276	yes
mRNA	CA02g12070	Pepper1.55ch02:136381155-136382025	TC	TD	OK	101.752	37.8217	-1.42778	-2.5409	0.0005	0.0045156	yes
mRNA	CA02g12080	Pepper1.55ch02:136387969-136388767	TC	TD	OK	176.171	62.3609	-1.49826	-2.9011	5.00E-05	0.0007276	yes
mRNA	CA02g12190	Pepper1.55ch02:136888788-136896756	TC	TD	OK	4.75552	10.9624	1.2049	2.25288	0.00275	0.016281	yes
mRNA	CA02g12200	Pepper1.55ch02:136912879-136913995	TC	TD	OK	27.0007	12.4301	-1.11916	-2.3887	0.0022	0.0138219	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA02g12300	Pepper1.55ch02:137082582-137083228	TC	TD	OK	42.5796	110.447	1.37512	3.33985	0.00055	0.0048567	yes
mRNA	CA02g12330	Pepper1.55ch02:137149532-137153012	TC	TD	OK	30.886	94.1276	1.60767	3.42683	5.00E-05	0.0007276	yes
mRNA	CA02g12350	Pepper1.55ch02:137196217-137205270	TC	TD	OK	11.5335	21.1495	0.87479	1.65154	0.01085	0.0447248	yes
mRNA	CA02g12400	Pepper1.55ch02:137249755-137250753	TC	TD	OK	39.4081	11.3805	-1.79192	-4.7009	5.00E-05	0.0007276	yes
mRNA	CA02g12640	Pepper1.55ch02:138041790-138043879	TC	TD	OK	8.22655	2.37181	-1.7943	-3.0218	0.00015	0.0017852	yes
mRNA	CA02g12690	Pepper1.55ch02:138137339-138140549	TC	TD	OK	21.3689	102.593	2.26335	4.28236	5.00E-05	0.0007276	yes
mRNA	CA02g12710	Pepper1.55ch02:138153703-138159704	TC	TD	OK	3.78468	1.37686	-1.45879	-2.0277	0.00545	0.0272608	yes
mRNA	CA02g12830	Pepper1.55ch02:138623240-138639055	TC	TD	OK	16.4106	4.29591	-1.93359	-3.5522	5.00E-05	0.0007276	yes
mRNA	CA02g12850	Pepper1.55ch02:138656260-138656848	TC	TD	OK	9.28731	2.96329	-1.64806	-2.6161	0.011	0.0451581	yes
mRNA	CA02g12910	Pepper1.55ch02:138860773-138863980	TC	TD	OK	0.92776	7.14246	2.94459	4.35353	0.00035	0.0034365	yes
mRNA	CA02g12930	Pepper1.55ch02:138907253-138910151	TC	TD	OK	8.21558	2.11471	-1.9579	-3.1461	0.0003	0.0030405	yes
mRNA	CA02g12940	Pepper1.55ch02:138951276-138954373	TC	TD	OK	16.9099	1.53546	-3.46112	-5.2854	5.00E-05	0.0007276	yes
mRNA	CA02g13170	Pepper1.55ch02:139432395-139443004	TC	TD	OK	6.75274	56.843	3.07344	5.29338	5.00E-05	0.0007276	yes
mRNA	CA02g13180	Pepper1.55ch02:139448477-139460823	TC	TD	OK	4.0283	9.81496	1.28481	2.11393	0.0011	0.0082588	yes
mRNA	CA02g13240	Pepper1.55ch02:139529103-139530033	TC	TD	OK	6.64022	0.40169	-4.04709	-2.7586	0.00265	0.0158947	yes
mRNA	CA02g13260	Pepper1.55ch02:139553714-139559082	TC	TD	OK	17.1715	45.9182	1.41905	2.65391	0.00015	0.0017852	yes
mRNA	CA02g13280	Pepper1.55ch02:139574131-139575443	TC	TD	OK	54.5779	28.5951	-0.93255	-1.8793	0.0119	0.0479015	yes
mRNA	CA02g13310	Pepper1.55ch02:139612030-139613832	TC	TD	OK	3.68989	1.31242	-1.49135	-2.0677	0.00485	0.024997	yes
mRNA	CA02g13350	Pepper1.55ch02:139660949-139663130	TC	TD	OK	59.5473	131.563	1.14364	2.05981	0.0019	0.0124233	yes
mRNA	CA02g13430	Pepper1.55ch02:139830795-139831086	TC	TD	OK	67.0718	282.807	2.07604	9.9168	5.00E-05	0.0007276	yes
mRNA	CA02g13490	Pepper1.55ch02:139931748-139938829	TC	TD	OK	65.1995	27.931	-1.223	-2.6747	0.0015	0.010446	yes
mRNA	CA02g13510	Pepper1.55ch02:140007713-140008466	TC	TD	OK	44.2822	123.623	1.48115	3.42123	5.00E-05	0.0007276	yes
mRNA	CA02g13520	Pepper1.55ch02:140012916-140013597	TC	TD	OK	47.6197	135.315	1.5067	3.73504	5.00E-05	0.0007276	yes
mRNA	CA02g13560	Pepper1.55ch02:140081039-140083903	TC	TD	OK	73.3226	29.2688	-1.32489	-2.9233	0.00045	0.0041816	yes
mRNA	CA02g13770	Pepper1.55ch02:140959629-140963785	TC	TD	OK	12.4584	3.48363	-1.83846	-3.3737	0.0001	0.0012767	yes
mRNA	CA02g13800	Pepper1.55ch02:140989331-140992893	TC	TD	OK	16.9682	65.1598	1.94115	3.61179	5.00E-05	0.0007276	yes
mRNA	CA02g14090	Pepper1.55ch02:141695904-141696522	TC	TD	OK	145.658	537.405	1.88342	5.11782	5.00E-05	0.0007276	yes
mRNA	CA02g14120	Pepper1.55ch02:141792765-141793326	TC	TD	OK	65.4322	453.761	2.79386	7.41197	5.00E-05	0.0007276	yes
mRNA	CA02g14150	Pepper1.55ch02:141861456-141862767	TC	TD	OK	13.5259	747.273	5.78784	8.381	5.00E-05	0.0007276	yes
mRNA	CA02g14270	Pepper1.55ch02:142038989-142041384	TC	TD	OK	215.666	489.451	1.18237	2.74675	0.00105	0.0079626	yes
mRNA	CA02g14330	Pepper1.55ch02:142332658-142332988	TC	TD	OK	27.7006	9.80201	-1.49877	-4.3839	0.01125	0.045922	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA02g14350	Pepper1.55ch02:142364995-142366087	TC	TD	OK	7.78768	19.33	1.31157	2.35833	0.001	0.0076526	yes
mRNA	CA02g14420	Pepper1.55ch02:142447335-142453837	TC	TD	OK	8.12562	4.15908	-0.96621	-1.6424	0.01115	0.0456373	yes
mRNA	CA02g14450	Pepper1.55ch02:142833561-142834606	TC	TD	OK	457.97	154.734	-1.56546	-3.6888	5.00E-05	0.0007276	yes
mRNA	CA02g14530	Pepper1.55ch02:142951267-142956521	TC	TD	OK	12.2018	6.12151	-0.99514	-1.8033	0.00445	0.0234725	yes
mRNA	CA02g14640	Pepper1.55ch02:143086746-143088220	TC	TD	OK	53.6701	243.86	2.18386	4.80943	5.00E-05	0.0007276	yes
mRNA	CA02g14650	Pepper1.55ch02:143101828-143104396	TC	TD	OK	3.30338	9.10866	1.4633	2.32308	0.00205	0.0131645	yes
mRNA	CA02g14740	Pepper1.55ch02:143243486-143250204	TC	TD	OK	7.79322	1.44812	-2.42804	-3.6299	5.00E-05	0.0007276	yes
mRNA	CA02g14750	Pepper1.55ch02:143254550-143255271	TC	TD	OK	14.5771	5.29004	-1.46236	-2.7589	0.0039	0.0213552	yes
mRNA	CA02g14760	Pepper1.55ch02:143257008-143258652	TC	TD	OK	103.711	372.131	1.84324	3.07428	0.0001	0.0012767	yes
mRNA	CA02g14780	Pepper1.55ch02:143311098-143312481	TC	TD	OK	52.4622	22.5327	-1.21926	-2.8163	0.00185	0.0121861	yes
mRNA	CA02g14810	Pepper1.55ch02:143316876-143319972	TC	TD	OK	18.3357	5.44055	-1.75283	-3.1285	0.00025	0.0026513	yes
mRNA	CA02g14830	Pepper1.55ch02:143414617-143414872	TC	TD	OK	0	27.6944	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA02g14840	Pepper1.55ch02:143427329-143428400	TC	TD	OK	170.883	460.191	1.42923	2.75599	0.0001	0.0012767	yes
mRNA	CA02g14890	Pepper1.55ch02:143515500-143516685	TC	TD	OK	190.553	352.904	0.88908	2.5177	0.0074	0.0340987	yes
mRNA	CA02g14900	Pepper1.55ch02:143519049-143523300	TC	TD	OK	2.12032	7.65352	1.85184	3.24547	5.00E-05	0.0007276	yes
mRNA	CA02g15000	Pepper1.55ch02:143690522-143692115	TC	TD	OK	1092.17	156.506	-2.80291	-6.4223	5.00E-05	0.0007276	yes
mRNA	CA02g15060	Pepper1.55ch02:143795617-143796806	TC	TD	OK	221.923	49.3902	-2.16776	-4.7229	5.00E-05	0.0007276	yes
mRNA	CA02g15110	Pepper1.55ch02:143868377-143869840	TC	TD	OK	7.48772	16.5286	1.14236	1.9695	0.0019	0.0124233	yes
mRNA	CA02g15170	Pepper1.55ch02:143998975-143999758	TC	TD	OK	11.4588	0.91227	-3.65085	-3.018	0.00275	0.016281	yes
mRNA	CA02g15210	Pepper1.55ch02:144149441-144150629	TC	TD	OK	6.07004	2.66353	-1.18837	-1.8316	0.00875	0.0383967	yes
mRNA	CA02g15240	Pepper1.55ch02:144196037-144196422	TC	TD	OK	4407.36	15642.4	1.82748	11.4838	5.00E-05	0.0007276	yes
mRNA	CA02g15360	Pepper1.55ch02:144560343-144560733	TC	TD	OK	37.507	187.975	2.32531	9.85462	0.0001	0.0012767	yes
mRNA	CA02g15640	Pepper1.55ch02:145556543-145556898	TC	TD	OK	33.5184	122.612	1.87107	8.73487	0.0002	0.0022357	yes
mRNA	CA02g15650	Pepper1.55ch02:145558107-145564645	TC	TD	OK	10.632	39.2226	1.88327	3.43097	5.00E-05	0.0007276	yes
mRNA	CA02g15740	Pepper1.55ch02:145688167-145694727	TC	TD	OK	53.8879	103.768	0.94533	1.83645	0.00455	0.0238831	yes
mRNA	CA02g15880	Pepper1.55ch02:145949929-145955298	TC	TD	OK	47.3366	195.289	2.04458	4.49597	5.00E-05	0.0007276	yes
mRNA	CA02g15930	Pepper1.55ch02:146030225-146036189	TC	TD	OK	49.4642	114.502	1.21091	2.37422	0.0004	0.0038157	yes
mRNA	CA02g15960	Pepper1.55ch02:146065557-146067181	TC	TD	OK	430.083	1182.43	1.45906	3.0405	0.0007	0.0057915	yes
mRNA	CA02g16000	Pepper1.55ch02:146126248-146128606	TC	TD	OK	37.8234	510.238	3.75382	8.83707	5.00E-05	0.0007276	yes
mRNA	CA02g16070	Pepper1.55ch02:146174488-146182896	TC	TD	OK	18.5245	40.8678	1.14153	2.00777	0.00085	0.0067798	yes
mRNA	CA02g16080	Pepper1.55ch02:146191709-146192524	TC	TD	OK	10.4419	32.493	1.63774	3.4658	0.00135	0.0096189	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA02g16140	Pepper1.55ch02:146278677-146280727	TC	TD	OK	21.5463	6.74818	-1.67487	-3.4104	0.0003	0.0030405	yes
mRNA	CA02g16190	Pepper1.55ch02:146402713-146405415	TC	TD	OK	89.9458	298.463	1.73043	3.119	0.00015	0.0017852	yes
mRNA	CA02g16200	Pepper1.55ch02:146410446-146411653	TC	TD	OK	176.701	837.157	2.24419	3.36963	0.0002	0.0022357	yes
mRNA	CA02g16210	Pepper1.55ch02:146436254-146438471	TC	TD	OK	5.2241	14.9556	1.51743	2.6435	0.00015	0.0017852	yes
mRNA	CA02g16220	Pepper1.55ch02:146439386-146440360	TC	TD	OK	5.095	11.7284	1.20285	2.28459	0.011	0.0451581	yes
mRNA	CA02g16300	Pepper1.55ch02:146665763-146668958	TC	TD	OK	32.3259	11.7917	-1.45492	-3.0572	5.00E-05	0.0007276	yes
mRNA	CA02g16510	Pepper1.55ch02:147011273-147011699	TC	TD	OK	51.1759	20.3245	-1.33225	-3.0864	0.00285	0.0166768	yes
mRNA	CA02g16520	Pepper1.55ch02:147024061-147035432	TC	TD	OK	5.23568	14.5973	1.47926	2.79851	5.00E-05	0.0007276	yes
mRNA	CA02g16800	Pepper1.55ch02:147628192-147628917	TC	TD	OK	224.083	485.954	1.11678	2.94315	0.00395	0.0215352	yes
mRNA	CA02g16810	Pepper1.55ch02:147633859-147638437	TC	TD	OK	11.6551	36.1413	1.63269	3.28229	5.00E-05	0.0007276	yes
mRNA	CA02g16850	Pepper1.55ch02:147683514-147687380	TC	TD	OK	42.9133	89.6082	1.0622	2.06451	0.0025	0.0152991	yes
mRNA	CA02g16900	Pepper1.55ch02:147745997-147749610	TC	TD	OK	105.047	333.933	1.66852	3.07127	5.00E-05	0.0007276	yes
mRNA	CA02g16930	Pepper1.55ch02:147781437-147781689	TC	TD	OK	37.3468	178.589	2.25758	11.0477	5.00E-05	0.0007276	yes
mRNA	CA02g16970	Pepper1.55ch02:147875263-147876658	TC	TD	OK	2.60685	42.3636	4.02244	6.2205	5.00E-05	0.0007276	yes
mRNA	CA02g16990	Pepper1.55ch02:147953287-147955437	TC	TD	OK	58.824	21.9712	-1.42079	-2.8703	0.00025	0.0026513	yes
mRNA	CA02g17090	Pepper1.55ch02:148124938-148126204	TC	TD	OK	123.216	52.495	-1.23094	-2.2656	0.00105	0.0079626	yes
mRNA	CA02g17100	Pepper1.55ch02:148148106-148148766	TC	TD	OK	12.4592	5.25467	-1.24555	-2.5559	0.00935	0.0401997	yes
mRNA	CA02g17200	Pepper1.55ch02:148621966-148622899	TC	TD	OK	28.0627	14.419	-0.96069	-2.0033	0.00865	0.038113	yes
mRNA	CA02g17240	Pepper1.55ch02:148704726-148707292	TC	TD	OK	30.6502	62.393	1.02549	2.12807	0.0032	0.0182162	yes
mRNA	CA02g17260	Pepper1.55ch02:148770197-148774093	TC	TD	OK	9.05877	20.7799	1.1978	2.25329	0.0007	0.0057915	yes
mRNA	CA02g17270	Pepper1.55ch02:148779737-148782782	TC	TD	OK	7.40629	21.4104	1.53149	2.89118	5.00E-05	0.0007276	yes
mRNA	CA02g17410	Pepper1.55ch02:149006825-149010282	TC	TD	OK	1.39685	3.1706	1.18258	1.81612	0.0063	0.0303071	yes
mRNA	CA02g17480	Pepper1.55ch02:149150473-149151932	TC	TD	OK	61.797	114.068	0.88429	2.79055	0.0105	0.0436276	yes
mRNA	CA02g17580	Pepper1.55ch02:149275536-149280070	TC	TD	OK	41.381	127.154	1.61953	2.91875	5.00E-05	0.0007276	yes
mRNA	CA02g17590	Pepper1.55ch02:149311403-149313247	TC	TD	OK	1.20929	7.12797	2.55933	3.12169	0.00365	0.0202508	yes
mRNA	CA02g17690	Pepper1.55ch02:149460756-149462367	TC	TD	OK	545.086	215.66	-1.33772	-3.0302	0.00055	0.0048567	yes
mRNA	CA02g17710	Pepper1.55ch02:149876433-149880591	TC	TD	OK	1157.78	2664.47	1.20249	3.77331	0.0028	0.0165058	yes
mRNA	CA02g17960	Pepper1.55ch02:150457399-150458065	TC	TD	OK	46.5467	6.27111	-2.89189	-7.0949	0.00015	0.0017852	yes
mRNA	CA02g17970	Pepper1.55ch02:150458457-150460534	TC	TD	OK	63.4127	29.9832	-1.08062	-2.1516	0.00185	0.0121861	yes
mRNA	CA02g18060	Pepper1.55ch02:150598828-150602754	TC	TD	OK	22.5766	10.9091	-1.04929	-2.0455	0.00275	0.016281	yes
mRNA	CA02g18110	Pepper1.55ch02:150657480-150657735	TC	TD	OK	0	12.874	inf	nan	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA02g18140	Pepper1.55ch02:150683569-150687553	TC	TD	OK	125.638	56.388	-1.15582	-3.0332	0.0003	0.0030405	yes
mRNA	CA02g18150	Pepper1.55ch02:150738537-150752663	TC	TD	OK	3.56372	1.46598	-1.28152	-2.1472	0.00085	0.0067798	yes
mRNA	CA02g18190	Pepper1.55ch02:150849551-150857906	TC	TD	OK	8.30589	4.09618	-1.01985	-1.7454	0.0064	0.0306708	yes
mRNA	CA02g18210	Pepper1.55ch02:150895389-150902157	TC	TD	OK	7.43716	44.7602	2.58939	4.87883	5.00E-05	0.0007276	yes
mRNA	CA02g18230	Pepper1.55ch02:151024209-151024683	TC	TD	OK	22.0564	57.3428	1.37841	3.15791	0.00185	0.0121861	yes
mRNA	CA02g18240	Pepper1.55ch02:151041173-151043390	TC	TD	OK	1.84919	5.46024	1.56207	2.48896	0.0008	0.0064526	yes
mRNA	CA02g18270	Pepper1.55ch02:151069291-151069585	TC	TD	OK	80.159	27.2168	-1.55837	-6.4449	0.0011	0.0082588	yes
mRNA	CA02g18290	Pepper1.55ch02:151111400-151111901	TC	TD	OK	4.1597	13.7468	1.72454	3.34664	0.00615	0.0297658	yes
mRNA	CA02g18350	Pepper1.55ch02:151239615-151246632	TC	TD	OK	28.2572	8.30927	-1.76582	-3.5076	5.00E-05	0.0007276	yes
mRNA	CA02g18390	Pepper1.55ch02:151380849-151384255	TC	TD	OK	36.1836	16.0186	-1.17559	-2.398	0.0009	0.0070813	yes
mRNA	CA02g18400	Pepper1.55ch02:151395851-151399962	TC	TD	OK	41.9806	8.03192	-2.3859	-4.4822	5.00E-05	0.0007276	yes
mRNA	CA02g18410	Pepper1.55ch02:151402051-151404965	TC	TD	OK	9.90456	2.35049	-2.07513	-3.2297	0.0006	0.0051829	yes
mRNA	CA02g18480	Pepper1.55ch02:151529924-151531178	TC	TD	OK	10.4735	24.2248	1.20974	2.1575	0.00205	0.0131645	yes
mRNA	CA02g18490	Pepper1.55ch02:151536191-151537460	TC	TD	OK	0.77388	6.5072	3.07185	3.34724	0.00135	0.0096189	yes
mRNA	CA02g18530	Pepper1.55ch02:151605558-151609655	TC	TD	OK	6.44775	16.0868	1.31901	2.44917	0.00075	0.0061114	yes
mRNA	CA02g18540	Pepper1.55ch02:151618854-151621384	TC	TD	OK	30.8879	86.4501	1.48483	2.99252	5.00E-05	0.0007276	yes
mRNA	CA02g18550	Pepper1.55ch02:151677092-151678487	TC	TD	OK	8.87254	3.8185	-1.21634	-2.2038	0.00615	0.0297658	yes
mRNA	CA02g18560	Pepper1.55ch02:151679179-151684362	TC	TD	OK	8.91363	1.79138	-2.31494	-3.3881	0.00015	0.0017852	yes
mRNA	CA02g18810	Pepper1.55ch02:152112266-152114173	TC	TD	OK	8.62543	22.3741	1.37516	2.56437	0.0005	0.0045156	yes
mRNA	CA02g18820	Pepper1.55ch02:152149493-152149892	TC	TD	OK	34.8389	4.91406	-2.82571	-6.3786	0.00055	0.0048567	yes
mRNA	CA02g18860	Pepper1.55ch02:152197094-152201529	TC	TD	OK	22.6822	40.873	0.84959	1.60958	0.01035	0.0432664	yes
mRNA	CA02g18880	Pepper1.55ch02:152221391-152223036	TC	TD	OK	1851.48	891.284	-1.05472	-3.0446	0.00355	0.019776	yes
mRNA	CA02g18890	Pepper1.55ch02:152225317-152227818	TC	TD	OK	6.11936	2.47683	-1.30489	-1.9748	0.0018	0.0119506	yes
mRNA	CA02g19010	Pepper1.55ch02:152274630-152278821	TC	TD	OK	98.6417	367.079	1.89582	2.42859	0.00065	0.005483	yes
mRNA	CA02g19080	Pepper1.55ch02:152352996-152353898	TC	TD	OK	16.1923	39.2212	1.27633	2.73894	0.00065	0.005483	yes
mRNA	CA02g19240	Pepper1.55ch02:152583753-152589100	TC	TD	OK	29.4943	10.369	-1.50815	-3.0048	0.0001	0.0012767	yes
mRNA	CA02g19320	Pepper1.55ch02:152660619-152662444	TC	TD	OK	60.7157	7.14689	-3.08668	-4.7626	5.00E-05	0.0007276	yes
mRNA	CA02g19340	Pepper1.55ch02:152671107-152675958	TC	TD	OK	19.721	9.94596	-0.98755	-1.9766	0.0077	0.035106	yes
mRNA	CA02g19400	Pepper1.55ch02:152825976-152827643	TC	TD	OK	8.67631	33.5246	1.95007	3.86425	5.00E-05	0.0007276	yes
mRNA	CA02g19500	Pepper1.55ch02:152951384-152953666	TC	TD	OK	15.7635	1.16269	-3.76105	-5.4667	5.00E-05	0.0007276	yes
mRNA	CA02g19530	Pepper1.55ch02:152977561-152979820	TC	TD	OK	14.8321	36.7938	1.31074	2.56692	0.0001	0.0012767	yes

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mRNA	CA02g19540	Pepper1.55ch02:152980440-152982290	TC	TD	OK	124.88	55.6732	-1.16548	-4.4222	0.0019	0.0124233	yes
mRNA	CA02g19620	Pepper1.55ch02:153084755-153086665	TC	TD	OK	51.2112	12.3191	-2.05557	-4.4698	5.00E-05	0.0007276	yes
mRNA	CA02g19650	Pepper1.55ch02:153129207-153131168	TC	TD	OK	11.6288	2.50014	-2.21762	-3.5126	5.00E-05	0.0007276	yes
mRNA	CA02g19670	Pepper1.55ch02:153140363-153144611	TC	TD	OK	35.8346	17.045	-1.072	-2.5089	0.00535	0.0268407	yes
mRNA	CA02g19700	Pepper1.55ch02:153164438-153165524	TC	TD	OK	5.38319	1.58842	-1.76087	-2.4006	0.0042	0.0224124	yes
mRNA	CA02g19730	Pepper1.55ch02:153212263-153217637	TC	TD	OK	15.321	8.00431	-0.93667	-1.6644	0.0082	0.0367964	yes
mRNA	CA02g19740	Pepper1.55ch02:153221720-153226686	TC	TD	OK	43.1735	20.4494	-1.07809	-2.0376	0.00125	0.0090735	yes
mRNA	CA02g19810	Pepper1.55ch02:153331641-153332055	TC	TD	OK	153.612	329.05	1.09902	3.55963	0.0012	0.008808	yes
mRNA	CA02g19950	Pepper1.55ch02:153563512-153567923	TC	TD	OK	10.1192	5.22773	-0.95284	-1.6337	0.009	0.0391184	yes
mRNA	CA02g20060	Pepper1.55ch02:153672511-153675577	TC	TD	OK	3.95238	9.71802	1.29794	2.22949	0.0027	0.0160796	yes
mRNA	CA02g20150	Pepper1.55ch02:153868264-153873168	TC	TD	OK	4.04232	1.23451	-1.71125	-2.4193	0.00185	0.0121861	yes
mRNA	CA02g20240	Pepper1.55ch02:154112639-154113710	TC	TD	OK	5.57648	1.96506	-1.50478	-2.1992	0.00925	0.0399062	yes
mRNA	CA02g20290	Pepper1.55ch02:154176670-154180966	TC	TD	OK	12.3526	28.5974	1.21107	2.44214	0.00045	0.0041816	yes
mRNA	CA02g20320	Pepper1.55ch02:154198759-154204257	TC	TD	OK	9.72694	4.20158	-1.21106	-2.1919	0.001	0.0076526	yes
mRNA	CA02g20390	Pepper1.55ch02:154347084-154351322	TC	TD	OK	28.0908	96.2501	1.77669	3.62139	5.00E-05	0.0007276	yes
mRNA	CA02g20440	Pepper1.55ch02:154432339-154435175	TC	TD	OK	6.12499	2.63735	-1.21562	-1.92	0.0071	0.0331107	yes
mRNA	CA02g20480	Pepper1.55ch02:154465437-154466970	TC	TD	OK	15.7754	50.0262	1.66501	3.02172	5.00E-05	0.0007276	yes
mRNA	CA02g20530	Pepper1.55ch02:154482114-154482895	TC	TD	OK	313.663	744.724	1.24749	2.78646	0.00105	0.0079626	yes
mRNA	CA02g20570	Pepper1.55ch02:154554548-154556238	TC	TD	OK	105.454	237.367	1.1705	2.98753	0.00265	0.0158947	yes
mRNA	CA02g20680	Pepper1.55ch02:154775079-154776468	TC	TD	OK	252.223	493.291	0.96774	2.40685	0.00915	0.0395993	yes
mRNA	CA02g20690	Pepper1.55ch02:154779773-154782839	TC	TD	OK	105.428	254.751	1.27283	2.81296	0.00025	0.0026513	yes
mRNA	CA02g20850	Pepper1.55ch02:154902716-154904200	TC	TD	OK	22.9645	7.11366	-1.69074	-3.3045	5.00E-05	0.0007276	yes
mRNA	CA02g20860	Pepper1.55ch02:154919925-154920873	TC	TD	OK	21.1754	5.79786	-1.8688	-3.5841	5.00E-05	0.0007276	yes
mRNA	CA02g20870	Pepper1.55ch02:154943110-154944553	TC	TD	OK	5.73932	2.18209	-1.39517	-2.0245	0.0021	0.0134057	yes
mRNA	CA02g20890	Pepper1.55ch02:154952561-154953365	TC	TD	OK	33.7083	4.6984	-2.84286	-5.403	5.00E-05	0.0007276	yes
mRNA	CA02g20920	Pepper1.55ch02:155053902-155054697	TC	TD	OK	23.8266	9.79489	-1.28247	-2.6374	0.0017	0.0114072	yes
mRNA	CA02g20930	Pepper1.55ch02:155060837-155061653	TC	TD	OK	26.0894	10.3421	-1.33493	-2.6879	0.00305	0.0176148	yes
mRNA	CA02g20950	Pepper1.55ch02:155076910-155077768	TC	TD	OK	2.47712	13.5888	2.45568	4.02319	0.0001	0.0012767	yes
mRNA	CA02g21000	Pepper1.55ch02:155107391-155108267	TC	TD	OK	5.27188	0.70265	-2.90744	-3.0846	0.0106	0.0439342	yes
mRNA	CA02g21030	Pepper1.55ch02:155148552-155150482	TC	TD	OK	20.3661	50.8796	1.32092	2.70921	0.00015	0.0017852	yes
mRNA	CA02g21050	Pepper1.55ch02:155157700-155158866	TC	TD	OK	19.0863	38.0951	0.99707	2.14119	0.0076	0.0347972	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA02g21070	Pepper1.55ch02:155277010-155283265	TC	TD	OK	30.6152	76.6022	1.32314	2.75779	0.00015	0.0017852	yes
mRNA	CA02g21090	Pepper1.55ch02:155301350-155313393	TC	TD	OK	20.0523	5.87287	-1.77163	-3.1645	5.00E-05	0.0007276	yes
mRNA	CA02g21110	Pepper1.55ch02:155320910-155323370	TC	TD	OK	5.60192	1.14984	-2.28448	-3.2913	0.0001	0.0012767	yes
mRNA	CA02g21160	Pepper1.55ch02:155368895-155372202	TC	TD	OK	7.62116	2.06865	-1.88132	-2.8946	0.0003	0.0030405	yes
mRNA	CA02g21200	Pepper1.55ch02:155429312-155429594	TC	TD	OK	64.0204	186.778	1.54472	7.15938	5.00E-05	0.0007276	yes
mRNA	CA02g21350	Pepper1.55ch02:155681627-155684080	TC	TD	OK	11.3488	5.0419	-1.1705	-2.135	0.0065	0.0310514	yes
mRNA	CA02g21360	Pepper1.55ch02:155685494-155687365	TC	TD	OK	8.99053	1.97932	-2.1834	-3.1866	0.00015	0.0017852	yes
mRNA	CA02g21410	Pepper1.55ch02:155805457-155806493	TC	TD	OK	168.996	4058.41	4.58585	12.554	5.00E-05	0.0007276	yes
mRNA	CA02g21460	Pepper1.55ch02:155901688-155902464	TC	TD	OK	18.0966	6.36687	-1.50706	-2.845	0.00045	0.0041816	yes
mRNA	CA02g21470	Pepper1.55ch02:155903664-155906511	TC	TD	OK	97.4259	201.224	1.04642	2.19761	0.00315	0.0180131	yes
mRNA	CA02g21480	Pepper1.55ch02:155909950-155911927	TC	TD	OK	27.5529	67.4183	1.29093	2.5097	0.0002	0.0022357	yes
mRNA	CA02g21560	Pepper1.55ch02:156051766-156052129	TC	TD	OK	369.376	107.939	-1.77488	-11.496	5.00E-05	0.0007276	yes
mRNA	CA02g21600	Pepper1.55ch02:156101172-156103402	TC	TD	OK	115.102	56.5876	-1.02436	-3.2004	0.00555	0.0275691	yes
mRNA	CA02g21610	Pepper1.55ch02:156108762-156109080	TC	TD	OK	13.6136	2.15101	-2.66196	-3.323	0.00935	0.0401997	yes
mRNA	CA02g21620	Pepper1.55ch02:156119833-156123250	TC	TD	OK	13.6883	49.2986	1.84861	4.05231	5.00E-05	0.0007276	yes
mRNA	CA02g21630	Pepper1.55ch02:156125205-156128105	TC	TD	OK	39.4134	17.3499	-1.18376	-2.4438	0.0013	0.0093599	yes
mRNA	CA02g21740	Pepper1.55ch02:156294125-156295502	TC	TD	OK	25.0868	3.32244	-2.91661	-4.6104	5.00E-05	0.0007276	yes
mRNA	CA02g21750	Pepper1.55ch02:156334679-156335213	TC	TD	OK	248.33	98.1616	-1.33903	-5.9096	0.0006	0.0051829	yes
mRNA	CA02g21800	Pepper1.55ch02:156397847-156404694	TC	TD	OK	5.39023	11.2961	1.06741	1.96473	0.00425	0.0226232	yes
mRNA	CA02g21840	Pepper1.55ch02:156454052-156455265	TC	TD	OK	9.77228	35.6042	1.86528	3.60528	5.00E-05	0.0007276	yes
mRNA	CA02g21860	Pepper1.55ch02:156542334-156543597	TC	TD	OK	13.5719	31.1268	1.19753	2.39993	0.0007	0.0057915	yes
mRNA	CA02g21910	Pepper1.55ch02:156612767-156613244	TC	TD	OK	240.877	587.923	1.28733	3.41547	0.0002	0.0022357	yes
mRNA	CA02g21980	Pepper1.55ch02:156799623-156805377	TC	TD	OK	22.4057	12.0223	-0.89815	-1.7316	0.00795	0.0359417	yes
mRNA	CA02g22120	Pepper1.55ch02:157009332-157011388	TC	TD	OK	4.02719	16.1454	2.00327	3.59855	5.00E-05	0.0007276	yes
mRNA	CA02g22140	Pepper1.55ch02:157026476-157029965	TC	TD	OK	11.5796	4.91733	-1.23564	-2.164	0.00145	0.0101871	yes
mRNA	CA02g22180	Pepper1.55ch02:157108156-157110315	TC	TD	OK	10.6966	24.0252	1.16739	2.55274	0.0044	0.0232494	yes
mRNA	CA02g22200	Pepper1.55ch02:157150716-157151930	TC	TD	OK	228.725	112.441	-1.02445	-1.9116	0.00885	0.0387005	yes
mRNA	CA02g22240	Pepper1.55ch02:157227386-157227764	TC	TD	OK	128.548	272.099	1.08182	3.41675	0.0075	0.0344543	yes
mRNA	CA02g22260	Pepper1.55ch02:157246311-157246704	TC	TD	OK	14.1718	49.4724	1.8036	3.97304	0.0003	0.0030405	yes
mRNA	CA02g22280	Pepper1.55ch02:157250594-157257926	TC	TD	OK	3.57731	1.59635	-1.1641	-1.8441	0.00265	0.0158947	yes
mRNA	CA02g22380	Pepper1.55ch02:157302343-157306099	TC	TD	OK	79.1017	164.322	1.05474	2.38517	0.00235	0.0145463	yes

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mRNA	CA02g22390	Pepper1.55ch02:157307186-157309332	TC	TD	OK	19.1622	3.83808	-2.3198	-4.2931	5.00E-05	0.0007276	yes
mRNA	CA02g22490	Pepper1.55ch02:157581807-157582381	TC	TD	OK	19.046	42.8787	1.17077	2.98163	0.00535	0.0268407	yes
mRNA	CA02g22650	Pepper1.55ch02:157863979-157864288	TC	TD	OK	130.152	55.5673	-1.22789	-4.8853	0.00245	0.015048	yes
mRNA	CA02g22670	Pepper1.55ch02:157871968-157873623	TC	TD	OK	3.88224	38.183	3.29797	5.39147	5.00E-05	0.0007276	yes
mRNA	CA02g22700	Pepper1.55ch02:157938060-157945633	TC	TD	OK	82.3726	32.8312	-1.32709	-2.4105	0.0002	0.0022357	yes
mRNA	CA02g22740	Pepper1.55ch02:158016215-158023589	TC	TD	OK	12.7233	3.2754	-1.95773	-3.3582	5.00E-05	0.0007276	yes
mRNA	CA02g22800	Pepper1.55ch02:158071105-158074435	TC	TD	OK	14.4144	29.0123	1.00916	2.02496	0.00355	0.019776	yes
mRNA	CA02g22850	Pepper1.55ch02:158118924-158122131	TC	TD	OK	13.1144	4.062	-1.69089	-3.0105	5.00E-05	0.0007276	yes
mRNA	CA02g22970	Pepper1.55ch02:158271087-158273122	TC	TD	OK	36.8666	129.842	1.81637	4.093	5.00E-05	0.0007276	yes
mRNA	CA02g22980	Pepper1.55ch02:158281566-158288200	TC	TD	OK	6.71712	2.55766	-1.39302	-2.2907	0.0008	0.0064526	yes
mRNA	CA02g23120	Pepper1.55ch02:158509560-158510493	TC	TD	OK	5.66723	19.5274	1.78479	3.50513	5.00E-05	0.0007276	yes
mRNA	CA02g23270	Pepper1.55ch02:158831934-158840312	TC	TD	OK	96.3095	52.0691	-0.88725	-1.7921	0.00825	0.0369329	yes
mRNA	CA02g23300	Pepper1.55ch02:158881032-158888569	TC	TD	OK	6.27929	2.90946	-1.10985	-1.848	0.01035	0.0432664	yes
mRNA	CA02g23310	Pepper1.55ch02:158896709-158905396	TC	TD	OK	12.9497	3.78297	-1.77533	-3.2324	5.00E-05	0.0007276	yes
mRNA	CA02g23370	Pepper1.55ch02:158941988-158943808	TC	TD	OK	1.85749	4.99197	1.42626	1.93888	0.0086	0.0379814	yes
mRNA	CA02g23400	Pepper1.55ch02:159043346-159047319	TC	TD	OK	41.3333	76.2047	0.88258	2.28787	0.0093	0.0400875	yes
mRNA	CA02g23460	Pepper1.55ch02:159344066-159346199	TC	TD	OK	7.31981	2.29195	-1.67523	-2.6899	0.0084	0.0374047	yes
mRNA	CA02g23500	Pepper1.55ch02:159392672-159395830	TC	TD	OK	5.61393	1.94033	-1.53271	-2.2543	0.0114	0.0463588	yes
mRNA	CA02g23530	Pepper1.55ch02:159416982-159417780	TC	TD	OK	10.8017	1.11671	-3.27392	-3.5904	0.0064	0.0306708	yes
mRNA	CA02g23550	Pepper1.55ch02:159440439-159441924	TC	TD	OK	173.156	71.6288	-1.27346	-4.4781	0.0004	0.0038157	yes
mRNA	CA02g23580	Pepper1.55ch02:159511134-159516183	TC	TD	OK	2.83022	5.89968	1.05972	1.74639	0.0082	0.0367964	yes
mRNA	CA02g23630	Pepper1.55ch02:159553841-159557876	TC	TD	OK	365.909	187.854	-0.96187	-2.5466	0.00515	0.0261679	yes
mRNA	CA02g23700	Pepper1.55ch02:159599919-159601533	TC	TD	OK	215.999	94.0106	-1.20013	-2.0813	0.00215	0.0136155	yes
mRNA	CA02g23790	Pepper1.55ch02:159831025-159833451	TC	TD	OK	26.2777	155.93	2.56899	5.00971	5.00E-05	0.0007276	yes
mRNA	CA02g23950	Pepper1.55ch02:160062780-160063308	TC	TD	OK	162.619	501.377	1.6244	3.82447	0.00035	0.0034365	yes
mRNA	CA02g23960	Pepper1.55ch02:160081973-160082654	TC	TD	OK	191.881	513.525	1.42022	4.37967	0.00035	0.0034365	yes
mRNA	CA02g23970	Pepper1.55ch02:160110548-160111898	TC	TD	OK	57.259	109.152	0.93077	1.82938	0.0052	0.0263598	yes
mRNA	CA02g24040	Pepper1.55ch02:160181429-160183109	TC	TD	OK	47.2839	23.0143	-1.03882	-2.508	0.0047	0.0244747	yes
mRNA	CA02g24110	Pepper1.55ch02:160261735-160268319	TC	TD	OK	19.592	8.84167	-1.14787	-2.2657	0.00255	0.0155107	yes
mRNA	CA02g24180	Pepper1.55ch02:160318889-160319427	TC	TD	OK	12.4279	30.132	1.27772	3.20282	0.00475	0.0246925	yes
mRNA	CA02g24200	Pepper1.55ch02:160334883-160337969	TC	TD	OK	19.1346	42.484	1.15073	2.12941	0.0096	0.0410174	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA02g24210	Pepper1.55ch02:160373453-160375185	TC	TD	OK	8.28304	1.23655	-2.74384	-3.4818	0.00165	0.011156	yes
mRNA	CA02g24240	Pepper1.55ch02:160418702-160424717	TC	TD	OK	21.1522	9.13977	-1.21058	-2.4481	0.00125	0.0090735	yes
mRNA	CA02g24300	Pepper1.55ch02:160477994-160492243	TC	TD	OK	41.6667	11.5921	-1.84575	-4.6886	0.0002	0.0022357	yes
mRNA	CA02g24340	Pepper1.55ch02:160540026-160545508	TC	TD	OK	131.856	53.2912	-1.307	-2.5527	0.00015	0.0017852	yes
mRNA	CA02g24430	Pepper1.55ch02:160782951-160783986	TC	TD	OK	137.908	483.907	1.81102	5.6253	5.00E-05	0.0007276	yes
mRNA	CA02g24440	Pepper1.55ch02:160805897-160810300	TC	TD	OK	9.19336	0.80507	-3.5134	-4.184	5.00E-05	0.0007276	yes
mRNA	CA02g24570	Pepper1.55ch02:161035456-161039082	TC	TD	OK	32.8858	14.6045	-1.17105	-2.1228	0.0013	0.0093599	yes
mRNA	CA02g24650	Pepper1.55ch02:161207516-161208805	TC	TD	OK	108.605	310.835	1.51706	3.09906	0.00015	0.0017852	yes
mRNA	CA02g24700	Pepper1.55ch02:161390440-161391830	TC	TD	OK	5.78019	18.6325	1.68863	3.10156	5.00E-05	0.0007276	yes
mRNA	CA02g24710	Pepper1.55ch02:161405649-161407436	TC	TD	OK	2.04823	21.8706	3.41654	5.69472	5.00E-05	0.0007276	yes
mRNA	CA02g24730	Pepper1.55ch02:161423980-161428865	TC	TD	OK	11.0043	23.2722	1.08055	2.06935	0.0014	0.009905	yes
mRNA	CA02g24790	Pepper1.55ch02:161527955-161528768	TC	TD	OK	68.1932	152.342	1.15961	2.82505	0.0006	0.0051829	yes
mRNA	CA02g24820	Pepper1.55ch02:161581961-161585672	TC	TD	OK	15.0974	4.11707	-1.87461	-3.437	5.00E-05	0.0007276	yes
mRNA	CA02g24960	Pepper1.55ch02:161861011-161864113	TC	TD	OK	33.163	76.8752	1.21294	2.27333	0.0009	0.0070813	yes
mRNA	CA02g25040	Pepper1.55ch02:161932559-161934121	TC	TD	OK	31.0746	80.0591	1.36533	5.04853	0.00225	0.0140483	yes
mRNA	CA02g25070	Pepper1.55ch02:161962152-161962922	TC	TD	OK	80.1479	155.479	0.95598	2.37485	0.00435	0.0230579	yes
mRNA	CA02g25120	Pepper1.55ch02:162082645-162086531	TC	TD	OK	3.50798	0.79291	-2.14541	-2.4491	0.00315	0.0180131	yes
mRNA	CA02g25220	Pepper1.55ch02:162302289-162302730	TC	TD	OK	706.559	326.753	-1.11261	-2.7548	0.0013	0.0093599	yes
mRNA	CA02g25340	Pepper1.55ch02:162455922-162457026	TC	TD	OK	7.4694	1.27071	-2.55536	-3.7379	0.0006	0.0051829	yes
mRNA	CA02g25370	Pepper1.55ch02:162524572-162525106	TC	TD	OK	36.9202	108.694	1.55779	4.75568	5.00E-05	0.0007276	yes
mRNA	CA02g25400	Pepper1.55ch02:162559309-162560641	TC	TD	OK	5.25155	1.51298	-1.79535	-2.4716	0.00165	0.011156	yes
mRNA	CA02g25470	Pepper1.55ch02:162663165-162666633	TC	TD	OK	46.4605	91.4654	0.97722	1.79753	0.00555	0.0275691	yes
mRNA	CA02g25510	Pepper1.55ch02:162720356-162721359	TC	TD	OK	18.5435	4.34054	-2.09497	-3.8695	0.0009	0.0070813	yes
mRNA	CA02g25570	Pepper1.55ch02:162788217-162795479	TC	TD	OK	17.1298	6.16252	-1.47492	-2.7471	0.0004	0.0038157	yes
mRNA	CA02g25600	Pepper1.55ch02:162810466-162812675	TC	TD	OK	4.90412	15.3429	1.6455	2.94265	0.0002	0.0022357	yes
mRNA	CA02g25720	Pepper1.55ch02:163039465-163041296	TC	TD	OK	70.3355	30.7798	-1.19227	-2.2262	0.00185	0.0121861	yes
mRNA	CA02g25780	Pepper1.55ch02:163095409-163098335	TC	TD	OK	21.8204	57.5569	1.39931	2.93366	0.00015	0.0017852	yes
mRNA	CA02g25910	Pepper1.55ch02:163343466-163344330	TC	TD	OK	22.6241	6.80177	-1.73388	-3.0268	0.00025	0.0026513	yes
mRNA	CA02g25930	Pepper1.55ch02:163378473-163380696	TC	TD	OK	106.352	54.9693	-0.95214	-1.8826	0.00535	0.0268407	yes
mRNA	CA02g25970	Pepper1.55ch02:163418677-163421790	TC	TD	OK	13.7782	5.66718	-1.28168	-2.3956	0.0018	0.0119506	yes
mRNA	CA02g25990	Pepper1.55ch02:163449443-163451016	TC	TD	OK	8.74407	29.2431	1.74172	3.09687	5.00E-05	0.0007276	yes

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mRNA	CA02g26000	Pepper1.55ch02:163464794-163469108	TC	TD	OK	11.2801	2.9767	-1.922	-3.1618	5.00E-05	0.0007276	yes
mRNA	CA02g26070	Pepper1.55ch02:163565260-163565533	TC	TD	OK	1110.33	4004.45	1.85061	8.98065	5.00E-05	0.0007276	yes
mRNA	CA02g26170	Pepper1.55ch02:163661861-163662452	TC	TD	OK	21.1722	7.81729	-1.43743	-2.751	0.00345	0.0193474	yes
mRNA	CA02g26190	Pepper1.55ch02:163695592-163703912	TC	TD	OK	8.80463	28.6909	1.70426	3.08575	5.00E-05	0.0007276	yes
mRNA	CA02g26260	Pepper1.55ch02:163782804-163784745	TC	TD	OK	91.8106	190.226	1.05098	1.97149	0.00565	0.0279371	yes
mRNA	CA02g26290	Pepper1.55ch02:163806425-163807331	TC	TD	OK	9.55423	1.26102	-2.92154	-3.8604	0.0008	0.0064526	yes
mRNA	CA02g26300	Pepper1.55ch02:163819935-163822851	TC	TD	OK	9.5406	2.13905	-2.15711	-3.4795	0.0001	0.0012767	yes
mRNA	CA02g26430	Pepper1.55ch02:164068988-164071097	TC	TD	OK	45.7004	16.757	-1.44744	-2.9049	0.0001	0.0012767	yes
mRNA	CA02g26450	Pepper1.55ch02:164086604-164088562	TC	TD	OK	15.2243	5.92117	-1.36242	-2.4152	0.00065	0.005483	yes
mRNA	CA02g26470	Pepper1.55ch02:164104447-164104933	TC	TD	OK	18.8398	2.2879	-3.04169	-4.5806	0.00215	0.0136155	yes
mRNA	CA02g26570	Pepper1.55ch02:164207437-164209630	TC	TD	OK	36.4458	6.99697	-2.38095	-4.0999	5.00E-05	0.0007276	yes
mRNA	CA02g26580	Pepper1.55ch02:164212117-164214027	TC	TD	OK	140.374	13.6069	-3.36687	-6.0302	5.00E-05	0.0007276	yes
mRNA	CA02g26590	Pepper1.55ch02:164235629-164238492	TC	TD	OK	44.794	0.46234	-6.5982	-6.378	0.0001	0.0012767	yes
mRNA	CA02g26600	Pepper1.55ch02:164260650-164260900	TC	TD	OK	1668.29	5266.03	1.65834	34.901	5.00E-05	0.0007276	yes
mRNA	CA02g26620	Pepper1.55ch02:164263833-164267030	TC	TD	OK	9.87401	4.06916	-1.2789	-2.2044	0.004	0.0216981	yes
mRNA	CA02g26650	Pepper1.55ch02:164379059-164382083	TC	TD	OK	33.8226	13.3058	-1.34593	-2.7296	5.00E-05	0.0007276	yes
mRNA	CA02g26720	Pepper1.55ch02:164509381-164509711	TC	TD	OK	49.2636	141.293	1.5201	6.24718	0.00015	0.0017852	yes
mRNA	CA02g26770	Pepper1.55ch02:164584185-164586042	TC	TD	OK	3.82839	1.17577	-1.70314	-2.3448	0.00115	0.0085407	yes
mRNA	CA02g26800	Pepper1.55ch02:164630865-164635161	TC	TD	OK	41.6379	179.433	2.10748	4.45217	5.00E-05	0.0007276	yes
mRNA	CA02g26830	Pepper1.55ch02:164686210-164697527	TC	TD	OK	1.42592	3.12516	1.13204	1.70889	0.0062	0.0299405	yes
mRNA	CA02g26940	Pepper1.55ch02:165133614-165134370	TC	TD	OK	9.78548	4.1292	-1.24478	-2.0404	0.011	0.0451581	yes
mRNA	CA02g26960	Pepper1.55ch02:165189463-165190464	TC	TD	OK	12.4518	26.9757	1.1153	2.56141	0.00465	0.0242646	yes
mRNA	CA02g26970	Pepper1.55ch02:165204529-165205437	TC	TD	OK	68.1501	189.729	1.47715	3.98643	5.00E-05	0.0007276	yes
mRNA	CA02g26980	Pepper1.55ch02:165224599-165226436	TC	TD	OK	51.4263	21.8189	-1.23693	-2.871	0.00095	0.0073823	yes
mRNA	CA02g26990	Pepper1.55ch02:165227817-165233204	TC	TD	OK	25.9164	11.2025	-1.21005	-2.3911	0.0003	0.0030405	yes
mRNA	CA02g27060	Pepper1.55ch02:165293802-165294153	TC	TD	OK	56.6792	26.1156	-1.11791	-3.7064	0.0105	0.0436276	yes
mRNA	CA02g27110	Pepper1.55ch02:165377754-165380338	TC	TD	OK	0.69993	8.26474	3.56169	3.51688	0.00485	0.024997	yes
mRNA	CA02g27120	Pepper1.55ch02:165384723-165385228	TC	TD	OK	501.011	6603.32	3.72028	18.6853	5.00E-05	0.0007276	yes
mRNA	CA02g27140	Pepper1.55ch02:165421993-165422997	TC	TD	OK	69.4206	136.893	0.97962	2.61889	0.00515	0.0261679	yes
mRNA	CA02g27150	Pepper1.55ch02:165423062-165423943	TC	TD	OK	34.2725	94.086	1.45693	3.49831	5.00E-05	0.0007276	yes
mRNA	CA02g27230	Pepper1.55ch02:165488195-165488546	TC	TD	OK	52.559	11.4952	-2.19291	-6.3038	0.0003	0.0030405	yes

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mRNA	CA02g27280	Pepper1.55ch02:165586536-165589904	TC	TD	OK	6.15244	2.75106	-1.16117	-1.9031	0.00195	0.0126842	yes
mRNA	CA02g27300	Pepper1.55ch02:165621171-165621552	TC	TD	OK	314.052	134.028	-1.22847	-4.185	0.00035	0.0034365	yes
mRNA	CA02g27340	Pepper1.55ch02:165650802-165656671	TC	TD	OK	17.2368	7.01857	-1.29625	-2.8031	0.00115	0.0085407	yes
mRNA	CA02g27370	Pepper1.55ch02:165683978-165685200	TC	TD	OK	48.6807	9.43336	-2.36751	-5.6995	5.00E-05	0.0007276	yes
mRNA	CA02g27410	Pepper1.55ch02:165774550-165776263	TC	TD	OK	2.7846	7.47582	1.42476	2.32217	0.00125	0.0090735	yes
mRNA	CA02g27670	Pepper1.55ch02:166172160-166176825	TC	TD	OK	53.8058	27.5805	-0.96411	-1.9523	0.00675	0.0318127	yes
mRNA	CA02g27690	Pepper1.55ch02:166187230-166193991	TC	TD	OK	133.417	55.3519	-1.26924	-1.7287	0.0069	0.032368	yes
mRNA	CA02g27710	Pepper1.55ch02:166216195-166216429	TC	TD	OK	128.781	267.027	1.05206	7.47449	0.0058	0.0284366	yes
mRNA	CA02g27750	Pepper1.55ch02:166339111-166343073	TC	TD	OK	7.42304	3.19874	-1.21451	-1.9663	0.0037	0.0204605	yes
mRNA	CA02g27790	Pepper1.55ch02:166403453-166404818	TC	TD	OK	2.32904	7.6891	1.72308	2.87464	0.0006	0.0051829	yes
mRNA	CA02g27800	Pepper1.55ch02:166405531-166407123	TC	TD	OK	8.58551	36.303	2.08011	3.73177	5.00E-05	0.0007276	yes
mRNA	CA02g27810	Pepper1.55ch02:166411092-166412400	TC	TD	OK	13.5387	6.12071	-1.14532	-2.0366	0.00565	0.0279371	yes
mRNA	CA02g27820	Pepper1.55ch02:166415432-166418558	TC	TD	OK	28.5152	69.0786	1.27651	2.5609	0.0001	0.0012767	yes
mRNA	CA02g27870	Pepper1.55ch02:166487074-166489486	TC	TD	OK	455.941	167.624	-1.44362	-3.6001	5.00E-05	0.0007276	yes
mRNA	CA02g27970	Pepper1.55ch02:166575313-166576511	TC	TD	OK	25.8049	54.9482	1.09043	2.75274	0.004	0.0216981	yes
mRNA	CA02g28050	Pepper1.55ch02:166715241-166717437	TC	TD	OK	50.975	116.335	1.19042	3.28018	0.0009	0.0070813	yes
mRNA	CA02g28100	Pepper1.55ch02:166835152-166836088	TC	TD	OK	8.32499	140.152	4.0734	8.66034	5.00E-05	0.0007276	yes
mRNA	CA02g28200	Pepper1.55ch02:166979147-166984787	TC	TD	OK	4.41109	1.20812	-1.86837	-2.7698	0.0004	0.0038157	yes
mRNA	CA02g28220	Pepper1.55ch02:166992639-166993321	TC	TD	OK	45.3959	6.6628	-2.76836	-6.364	0.0001	0.0012767	yes
mRNA	CA02g28230	Pepper1.55ch02:166993803-167002559	TC	TD	OK	8.41438	2.87463	-1.54948	-2.6318	5.00E-05	0.0007276	yes
mRNA	CA02g28250	Pepper1.55ch02:167057404-167058817	TC	TD	OK	5.07745	12.1995	1.26465	2.35188	0.00365	0.0202508	yes
mRNA	CA02g28330	Pepper1.55ch02:167140662-167143802	TC	TD	OK	12.7553	35.9136	1.49343	2.78445	5.00E-05	0.0007276	yes
mRNA	CA02g28340	Pepper1.55ch02:167150032-167151859	TC	TD	OK	71.7205	7.46547	-3.26408	-5.8259	5.00E-05	0.0007276	yes
mRNA	CA02g28350	Pepper1.55ch02:167165510-167172777	TC	TD	OK	18.2091	8.91626	-1.03015	-1.8485	0.003	0.0173859	yes
mRNA	CA02g28370	Pepper1.55ch02:167234507-167235761	TC	TD	OK	52.3334	113.419	1.11586	2.09099	0.002	0.012937	yes
mRNA	CA02g28390	Pepper1.55ch02:167280328-167281768	TC	TD	OK	34.8107	17.9663	-0.95424	-1.9675	0.0115	0.0467025	yes
mRNA	CA02g28410	Pepper1.55ch02:167360619-167362577	TC	TD	OK	121.561	53.5065	-1.1839	-2.4874	0.00075	0.0061114	yes
mRNA	CA02g28420	Pepper1.55ch02:167363814-167368719	TC	TD	OK	142.983	64.5807	-1.14667	-2.3823	0.00095	0.0073823	yes
mRNA	CA02g28430	Pepper1.55ch02:167369937-167371420	TC	TD	OK	26.4475	4.04294	-2.70966	-5.083	5.00E-05	0.0007276	yes
mRNA	CA02g28440	Pepper1.55ch02:167372570-167374849	TC	TD	OK	35.4761	18.9158	-0.90726	-1.9057	0.00945	0.0405027	yes
mRNA	CA02g28450	Pepper1.55ch02:167376141-167378141	TC	TD	OK	6.84129	2.65661	-1.36468	-2.2147	0.00465	0.0242646	yes

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mRNA	CA02g28530	Pepper1.55ch02:167469149-167471344	TC	TD	OK	108.308	22.7473	-2.25138	-3.8304	5.00E-05	0.0007276	yes
mRNA	CA02g28810	Pepper1.55ch02:167750180-167751087	TC	TD	OK	5.08603	13.6439	1.42365	2.1804	0.00865	0.038113	yes
mRNA	CA02g28820	Pepper1.55ch02:167751218-167751755	TC	TD	OK	1.92329	11.0706	2.52509	3.27346	0.01195	0.0480644	yes
mRNA	CA02g28850	Pepper1.55ch02:167771018-167772753	TC	TD	OK	101.048	45.7412	-1.14348	-2.0156	0.0021	0.0134057	yes
mRNA	CA02g28890	Pepper1.55ch02:167776247-167777854	TC	TD	OK	18.2198	9.09941	-1.00167	-1.9487	0.01135	0.0461928	yes
mRNA	CA02g28900	Pepper1.55ch02:167794587-167796745	TC	TD	OK	3.69401	0.60357	-2.61359	-2.808	0.00115	0.0085407	yes
mRNA	CA02g29000	Pepper1.55ch02:167932809-167939077	TC	TD	OK	35.5781	82.1294	1.20691	2.04399	0.0009	0.0070813	yes
mRNA	CA02g29090	Pepper1.55ch02:168032305-168042153	TC	TD	OK	7.33571	14.5229	0.98532	1.75052	0.0039	0.0213552	yes
mRNA	CA02g29100	Pepper1.55ch02:168045444-168046533	TC	TD	OK	33.3617	190.948	2.51691	4.59313	5.00E-05	0.0007276	yes
mRNA	CA02g29150	Pepper1.55ch02:168126970-168127699	TC	TD	OK	24.3982	4.77976	-2.35177	-4.195	5.00E-05	0.0007276	yes
mRNA	CA02g29200	Pepper1.55ch02:168165364-168168187	TC	TD	OK	83.1336	234.344	1.49512	3.57541	5.00E-05	0.0007276	yes
mRNA	CA02g29210	Pepper1.55ch02:168213616-168215077	TC	TD	OK	147.445	79.2288	-0.89608	-1.728	0.0077	0.035106	yes
mRNA	CA02g29230	Pepper1.55ch02:168271589-168273017	TC	TD	OK	16.2039	5.91372	-1.45421	-2.6748	0.00045	0.0041816	yes
mRNA	CA02g29260	Pepper1.55ch02:168292682-168301242	TC	TD	OK	6.23878	2.82088	-1.14512	-2.0569	0.0031	0.0178014	yes
mRNA	CA02g29300	Pepper1.55ch02:168323363-168324661	TC	TD	OK	12.2624	4.15706	-1.5606	-2.6181	0.00075	0.0061114	yes
mRNA	CA02g29330	Pepper1.55ch02:168343077-168348629	TC	TD	OK	0.38688	3.43629	3.1509	2.85929	0.0092	0.0397928	yes
mRNA	CA02g29360	Pepper1.55ch02:168450219-168453021	TC	TD	OK	12.2998	5.61593	-1.13104	-2.2287	0.00685	0.0321935	yes
mRNA	CA02g29370	Pepper1.55ch02:168467934-168469086	TC	TD	OK	11.766	23.3374	0.98803	2.01328	0.00855	0.037827	yes
mRNA	CA02g29510	Pepper1.55ch02:168586561-168591479	TC	TD	OK	4.71933	1.14128	-2.04793	-2.6748	0.0027	0.0160796	yes
mRNA	CA02g29530	Pepper1.55ch02:168603245-168606139	TC	TD	OK	118.337	360.437	1.60684	3.09789	5.00E-05	0.0007276	yes
mRNA	CA02g29580	Pepper1.55ch02:168693043-168695401	TC	TD	OK	9.05137	3.80883	-1.24879	-2.0617	0.0017	0.0114072	yes
mRNA	CA02g29600	Pepper1.55ch02:168704178-168707406	TC	TD	OK	12.8951	0.93985	-3.77825	-4.3254	0.00315	0.0180131	yes
mRNA	CA02g29610	Pepper1.55ch02:168743600-168744266	TC	TD	OK	6.62833	47.395	2.83802	5.46343	5.00E-05	0.0007276	yes
mRNA	CA02g29750	Pepper1.55ch02:168937929-168941144	TC	TD	OK	12.0329	28.115	1.22435	2.54695	0.00135	0.0096189	yes
mRNA	CA02g29760	Pepper1.55ch02:168964489-168968982	TC	TD	OK	85.0783	209.93	1.30305	2.73765	5.00E-05	0.0007276	yes
mRNA	CA02g29870	Pepper1.55ch02:169078190-169082221	TC	TD	OK	27.9537	51.2343	0.87407	1.71423	0.01025	0.0429794	yes
mRNA	CA02g29940	Pepper1.55ch02:169169061-169182735	TC	TD	OK	6.37793	3.15573	-1.01511	-1.8721	0.00515	0.0261679	yes
mRNA	CA02g29990	Pepper1.55ch02:169217031-169218444	TC	TD	OK	39.306	20.5912	-0.93272	-1.9658	0.00695	0.0325722	yes
mRNA	CA02g30020	Pepper1.55ch02:169304963-169306349	TC	TD	OK	18.7588	64.6404	1.78487	3.98003	5.00E-05	0.0007276	yes
mRNA	CA02g30090	Pepper1.55ch02:169363969-169367261	TC	TD	OK	4.85004	1.93699	-1.32418	-1.9782	0.0099	0.0418842	yes
mRNA	CA02g30100	Pepper1.55ch02:169369222-169370936	TC	TD	OK	39.3439	82.0597	1.06053	2.28472	0.0021	0.0134057	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA02g30130	Pepper1.55ch02:169421495-169423943	TC	TD	OK	27.4579	13.1293	-1.06443	-2.1757	0.0033	0.0186798	yes
mRNA	CA02g30170	Pepper1.55ch02:169476858-169483395	TC	TD	OK	21.0984	8.21359	-1.36105	-2.6329	0.0006	0.0051829	yes
mRNA	CA02g30300	Pepper1.55ch02:169587516-169589542	TC	TD	OK	6.23416	2.46646	-1.33775	-1.868	0.00625	0.0301434	yes
mRNA	CA02g30330	Pepper1.55ch02:169636820-169638020	TC	TD	OK	37.6293	12.8459	-1.55054	-3.7063	0.00065	0.005483	yes
mRNA	CA02g30340	Pepper1.55ch02:169662668-169664897	TC	TD	OK	2.17122	8.80377	2.01961	3.17529	5.00E-05	0.0007276	yes
mRNA	CA02g30450	Pepper1.55ch02:169745882-169746978	TC	TD	OK	44.684	22.461	-0.99234	-2.2098	0.00725	0.0336025	yes
mRNA	CA02g30460	Pepper1.55ch02:169755133-169757018	TC	TD	OK	5.87219	20.6368	1.81325	3.35005	5.00E-05	0.0007276	yes
mRNA	CA02g30470	Pepper1.55ch02:169757985-169759708	TC	TD	OK	4.45177	0.55567	-3.00208	-2.8622	0.00505	0.025825	yes
mRNA	CA02g30570	Pepper1.55ch02:170011085-170015543	TC	TD	OK	23.0555	51.3455	1.15513	2.17763	0.00055	0.0048567	yes
mRNA	CA02g30650	Pepper1.55ch02:170142074-170144634	TC	TD	OK	35.5774	10.9103	-1.70527	-3.2634	5.00E-05	0.0007276	yes
mRNA	CA02g30720	Pepper1.55ch02:170219622-170220719	TC	TD	OK	53.3831	26.1622	-1.0289	-2.5329	0.00905	0.0392453	yes
mRNA	CA02g30800	Pepper1.55ch02:170287111-170289761	TC	TD	OK	413.43	894.763	1.11386	2.28937	0.00485	0.024997	yes
mRNA	CA02g30830	Pepper1.55ch02:170319107-170320097	TC	TD	OK	70.5006	29.5459	-1.25468	-2.6607	0.00025	0.0026513	yes
mRNA	CA02g30870	Pepper1.55ch02:170332936-170335669	TC	TD	OK	40.3477	15.872	-1.34601	-2.7063	5.00E-05	0.0007276	yes
mRNA	CA02g30960	Pepper1.55ch02:170442257-170443707	TC	TD	OK	4.23094	14.1743	1.74423	3.33823	0.00845	0.0375387	yes
mRNA	CA02g31000	Pepper1.55ch02:170497872-170498667	TC	TD	OK	9.94559	45.1371	2.18219	3.91444	5.00E-05	0.0007276	yes
mRNA	CA02g31020	Pepper1.55ch02:170506962-170508983	TC	TD	OK	1.88064	5.11827	1.44443	2.33727	0.0014	0.009905	yes
mRNA	CA02g31130	Pepper1.55ch02:170626221-170626935	TC	TD	OK	1.76871	5.61219	1.66587	2.36098	0.00905	0.0392453	yes
mRNA	CA02g31220	Pepper1.55ch02:170789263-170794034	TC	TD	OK	560.89	227.108	-1.30434	-3.3462	0.00015	0.0017852	yes
mRNA	CA02g31330	Pepper1.55ch02:170884839-170885545	TC	TD	OK	7.40701	24.5185	1.72691	3.47802	0.0008	0.0064526	yes
mRNA	CA02g31340	Pepper1.55ch02:170889832-170895948	TC	TD	OK	13.3474	25.324	0.92395	1.73634	0.0062	0.0299405	yes
mRNA	CA02g31360	Pepper1.55ch02:170909774-170916608	TC	TD	OK	22.2903	77.3214	1.79445	3.84401	5.00E-05	0.0007276	yes
mRNA	CA02g31380	Pepper1.55ch02:170955494-170957790	TC	TD	OK	7.89732	2.59005	-1.60838	-2.6807	0.0016	0.0109355	yes
mRNA	CA03g00260	Pepper1.55ch03:304391-311421	TC	TD	OK	6.13794	14.6277	1.25288	2.33206	0.00015	0.0017852	yes
mRNA	CA03g00460	Pepper1.55ch03:961763-966657	TC	TD	OK	22.7862	9.66889	-1.23674	-2.8424	0.00235	0.0145463	yes
mRNA	CA03g00500	Pepper1.55ch03:1008033-1012556	TC	TD	OK	3.50436	1.47992	-1.24364	-1.9128	0.00445	0.0234725	yes
mRNA	CA03g00540	Pepper1.55ch03:1059357-1060770	TC	TD	OK	16.971	52.5844	1.63156	3.15458	5.00E-05	0.0007276	yes
mRNA	CA03g00550	Pepper1.55ch03:1079482-1080862	TC	TD	OK	12.1878	30.0618	1.30249	2.77444	0.00035	0.0034365	yes
mRNA	CA03g00570	Pepper1.55ch03:1086571-1087972	TC	TD	OK	0.72878	3.09778	2.08768	2.45045	0.00405	0.0219063	yes
mRNA	CA03g00640	Pepper1.55ch03:1219386-1227021	TC	TD	OK	24.4476	13.3982	-0.86765	-1.7034	0.01105	0.0453386	yes
mRNA	CA03g00900	Pepper1.55ch03:1660844-1663196	TC	TD	OK	417.487	207.439	-1.00904	-1.7149	0.00825	0.0369329	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA03g01070	Pepper1.55ch03:2030143-2032894	TC	TD	OK	15.384	38.2556	1.31424	2.3594	0.00065	0.005483	yes
mRNA	CA03g01120	Pepper1.55ch03:2110073-2117165	TC	TD	OK	5.74077	11.3435	0.98254	1.74528	0.0051	0.0260014	yes
mRNA	CA03g01140	Pepper1.55ch03:2126106-2130492	TC	TD	OK	17.9942	82.8856	2.20359	4.13772	5.00E-05	0.0007276	yes
mRNA	CA03g01180	Pepper1.55ch03:2179815-2181498	TC	TD	OK	2.00719	5.21918	1.37865	2.0788	0.0053	0.0266964	yes
mRNA	CA03g01210	Pepper1.55ch03:2231558-2237786	TC	TD	OK	9.40505	24.5179	1.38233	3.05959	0.00125	0.0090735	yes
mRNA	CA03g01450	Pepper1.55ch03:2828263-2831297	TC	TD	OK	17.5723	36.1731	1.04161	2.43953	0.0111	0.0454943	yes
mRNA	CA03g01800	Pepper1.55ch03:3739766-3747715	TC	TD	OK	41.7087	20.1715	-1.04803	-1.7735	0.00345	0.0193474	yes
mRNA	CA03g02070	Pepper1.55ch03:4220663-4221790	TC	TD	OK	50.3326	14.4799	-1.79744	-5.4146	0.00025	0.0026513	yes
mRNA	CA03g02260	Pepper1.55ch03:4517755-4521133	TC	TD	OK	30.3354	13.5183	-1.16609	-2.3777	0.0008	0.0064526	yes
mRNA	CA03g02380	Pepper1.55ch03:4820208-4829041	TC	TD	OK	19.1995	9.70641	-0.98406	-1.9588	0.00965	0.0411031	yes
mRNA	CA03g02400	Pepper1.55ch03:4831973-4836422	TC	TD	OK	8.10697	3.47127	-1.2237	-2.0958	0.0066	0.0313308	yes
mRNA	CA03g02420	Pepper1.55ch03:4868123-4874383	TC	TD	OK	148.723	62.3633	-1.25386	-2.1472	0.00065	0.005483	yes
mRNA	CA03g02430	Pepper1.55ch03:4907016-4907562	TC	TD	OK	81.1697	437.35	2.42977	7.88373	5.00E-05	0.0007276	yes
mRNA	CA03g02440	Pepper1.55ch03:4912128-4913268	TC	TD	OK	28.4413	305.941	3.4272	6.18341	5.00E-05	0.0007276	yes
mRNA	CA03g02650	Pepper1.55ch03:5476463-5478551	TC	TD	OK	6.98368	13.5847	0.95993	1.63655	0.00965	0.0411031	yes
mRNA	CA03g02670	Pepper1.55ch03:5562332-5563726	TC	TD	OK	1.48763	53.1119	5.15795	6.96813	5.00E-05	0.0007276	yes
mRNA	CA03g02730	Pepper1.55ch03:5654574-5655297	TC	TD	OK	19.1066	59.2207	1.63203	3.5841	5.00E-05	0.0007276	yes
mRNA	CA03g02770	Pepper1.55ch03:5797461-5800932	TC	TD	OK	112.083	272.883	1.28372	1.98885	0.00075	0.0061114	yes
mRNA	CA03g02810	Pepper1.55ch03:5856233-5857912	TC	TD	OK	14.7019	32.1319	1.128	2.29225	0.00185	0.0121861	yes
mRNA	CA03g02820	Pepper1.55ch03:5859797-5862094	TC	TD	OK	46.2592	90.3574	0.9659	2.68713	0.0073	0.033772	yes
mRNA	CA03g02910	Pepper1.55ch03:6113644-6114913	TC	TD	OK	33.1863	109.962	1.72834	4.37054	5.00E-05	0.0007276	yes
mRNA	CA03g02940	Pepper1.55ch03:6154973-6156170	TC	TD	OK	2.65629	13.6142	2.35763	3.55474	0.00065	0.005483	yes
mRNA	CA03g03530	Pepper1.55ch03:7413800-7421254	TC	TD	OK	55.0424	105.379	0.93697	1.83376	0.0062	0.0299405	yes
mRNA	CA03g03600	Pepper1.55ch03:7513035-7516839	TC	TD	OK	9.04502	3.31315	-1.44892	-2.5531	0.001	0.0076526	yes
mRNA	CA03g03740	Pepper1.55ch03:8293590-8297526	TC	TD	OK	1.38943	19.2244	3.79037	4.48635	0.00035	0.0034365	yes
mRNA	CA03g04050	Pepper1.55ch03:8680000-8682563	TC	TD	OK	2.69742	6.56305	1.28278	2.06656	0.0058	0.0284366	yes
mRNA	CA03g04210	Pepper1.55ch03:9703682-9705245	TC	TD	OK	52.7005	134.747	1.35437	2.55804	5.00E-05	0.0007276	yes
mRNA	CA03g04410	Pepper1.55ch03:10867016-10871429	TC	TD	OK	134.041	275.402	1.03886	1.90826	0.004	0.0216981	yes
mRNA	CA03g04420	Pepper1.55ch03:10878222-10880540	TC	TD	OK	5.022	1.10863	-2.17948	-2.7233	0.0067	0.0316462	yes
mRNA	CA03g04430	Pepper1.55ch03:10883222-10883462	TC	TD	OK	72.7346	202.394	1.47645	8.97407	0.00185	0.0121861	yes
mRNA	CA03g04490	Pepper1.55ch03:10931699-10934971	TC	TD	OK	213.312	474.313	1.15287	3.27591	0.0004	0.0038157	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA03g04510	Pepper1.55ch03:10954541-10956422	TC	TD	OK	15.6337	8.17035	-0.93619	-1.7038	0.01145	0.046537	yes
mRNA	CA03g04640	Pepper1.55ch03:11305140-11305980	TC	TD	OK	11.122	3.81609	-1.54325	-2.7582	0.00225	0.0140483	yes
mRNA	CA03g04650	Pepper1.55ch03:11333554-11337565	TC	TD	OK	1.35491	3.13163	1.20871	1.74683	0.0056	0.0277718	yes
mRNA	CA03g04810	Pepper1.55ch03:12075402-12081661	TC	TD	OK	10.3357	4.7978	-1.1072	-2.0603	0.00675	0.0318127	yes
mRNA	CA03g04830	Pepper1.55ch03:12127542-12132311	TC	TD	OK	15.9632	37.7606	1.24213	2.44038	0.0005	0.0045156	yes
mRNA	CA03g04860	Pepper1.55ch03:12233250-12237419	TC	TD	OK	3.95424	1.95679	-1.01491	-1.6084	0.0099	0.0418842	yes
mRNA	CA03g05070	Pepper1.55ch03:13160847-13162489	TC	TD	OK	26.1753	5.87646	-2.15519	-4.7951	0.00045	0.0041816	yes
mRNA	CA03g05130	Pepper1.55ch03:13324865-13325384	TC	TD	OK	10.8475	3.68018	-1.55952	-2.6628	0.01015	0.0426074	yes
mRNA	CA03g05190	Pepper1.55ch03:14099944-14100574	TC	TD	OK	6.32757	14.3151	1.17781	2.29161	0.00935	0.0401997	yes
mRNA	CA03g05260	Pepper1.55ch03:14230773-14236622	TC	TD	OK	35.5943	64.5675	0.85916	1.76052	0.01095	0.0450263	yes
mRNA	CA03g05310	Pepper1.55ch03:14508535-14509362	TC	TD	OK	17.6739	63.4835	1.84476	3.94863	5.00E-05	0.0007276	yes
mRNA	CA03g05350	Pepper1.55ch03:14581616-14581982	TC	TD	OK	118.801	261.377	1.13759	3.70489	0.0015	0.010446	yes
mRNA	CA03g05360	Pepper1.55ch03:14597637-14601593	TC	TD	OK	14.6366	31.7096	1.11534	2.38953	0.00275	0.016281	yes
mRNA	CA03g05370	Pepper1.55ch03:14613124-14613789	TC	TD	OK	12.6105	57.7349	2.19482	8.04736	0.00265	0.0158947	yes
mRNA	CA03g05450	Pepper1.55ch03:14717549-14718928	TC	TD	OK	7.89124	16.9083	1.09941	2.1189	0.0034	0.0191524	yes
mRNA	CA03g05590	Pepper1.55ch03:15029468-15032273	TC	TD	OK	71.4107	130.675	0.87177	2.29098	0.0085	0.0376942	yes
mRNA	CA03g05610	Pepper1.55ch03:15066160-15067225	TC	TD	OK	5.53532	0.7553	-2.87355	-3.2678	0.00305	0.0176148	yes
mRNA	CA03g05750	Pepper1.55ch03:15580234-15580838	TC	TD	OK	8.08572	1.20635	-2.74473	-2.6005	0.01135	0.0461928	yes
mRNA	CA03g05770	Pepper1.55ch03:15589571-15590940	TC	TD	OK	143.505	56.4132	-1.347	-3.4307	0.0001	0.0012767	yes
mRNA	CA03g05790	Pepper1.55ch03:15634170-15638694	TC	TD	OK	12.8538	27.6266	1.10386	2.29855	0.00255	0.0155107	yes
mRNA	CA03g05830	Pepper1.55ch03:15700764-15702384	TC	TD	OK	33.0478	70.769	1.09856	1.86802	0.00795	0.0359417	yes
mRNA	CA03g05850	Pepper1.55ch03:15735109-15736339	TC	TD	OK	107.118	580.281	2.43754	5.78614	5.00E-05	0.0007276	yes
mRNA	CA03g05890	Pepper1.55ch03:15965230-15968175	TC	TD	OK	165.772	56.7743	-1.5459	-3.8957	5.00E-05	0.0007276	yes
mRNA	CA03g05920	Pepper1.55ch03:16019643-16023059	TC	TD	OK	27.8341	63.0245	1.17906	2.60013	0.0007	0.0057915	yes
mRNA	CA03g05970	Pepper1.55ch03:16226344-16230886	TC	TD	OK	12.9425	25.8897	1.00026	2.00808	0.0035	0.0195624	yes
mRNA	CA03g06060	Pepper1.55ch03:17377109-17384381	TC	TD	OK	8.22601	19.4227	1.23948	1.92262	0.0042	0.0224124	yes
mRNA	CA03g06120	Pepper1.55ch03:17614586-17625972	TC	TD	OK	11.4271	29.251	1.35602	2.4786	5.00E-05	0.0007276	yes
mRNA	CA03g06140	Pepper1.55ch03:17701138-17706721	TC	TD	OK	9.4356	26.1716	1.47182	2.659	5.00E-05	0.0007276	yes
mRNA	CA03g06170	Pepper1.55ch03:17751975-17754303	TC	TD	OK	119.723	64.2361	-0.89825	-1.7015	0.0098	0.0416011	yes
mRNA	CA03g06190	Pepper1.55ch03:17794397-17798301	TC	TD	OK	26.8973	52.5204	0.96542	1.75822	0.0059	0.0288332	yes
mRNA	CA03g06200	Pepper1.55ch03:17804835-17805977	TC	TD	OK	108.694	49.7472	-1.12759	-2.8265	0.00075	0.0061114	yes

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mRNA	CA03g06220	Pepper1.55ch03:17813209-17814130	TC	TD	OK	19.7321	7.32592	-1.42946	-2.9361	0.00805	0.0363503	yes
mRNA	CA03g06260	Pepper1.55ch03:17904807-17916428	TC	TD	OK	18.9271	47.1811	1.31775	2.79253	0.0003	0.0030405	yes
mRNA	CA03g06380	Pepper1.55ch03:18454800-18456123	TC	TD	OK	75.5592	143.634	0.92672	1.66822	0.00925	0.0399062	yes
mRNA	CA03g06390	Pepper1.55ch03:18495696-18499513	TC	TD	OK	51.9938	27.4753	-0.92021	-1.8703	0.0051	0.0260014	yes
mRNA	CA03g06410	Pepper1.55ch03:18553132-18555644	TC	TD	OK	7.41696	31.4624	2.08473	3.9455	5.00E-05	0.0007276	yes
mRNA	CA03g06430	Pepper1.55ch03:18919582-18920089	TC	TD	OK	14.824	45.9112	1.63091	3.92191	0.0001	0.0012767	yes
mRNA	CA03g06440	Pepper1.55ch03:18952433-18956497	TC	TD	OK	9.96515	3.11449	-1.6779	-2.9282	0.0011	0.0082588	yes
mRNA	CA03g06500	Pepper1.55ch03:19020576-19023114	TC	TD	OK	9.0541	21.904	1.27455	2.5634	0.001	0.0076526	yes
mRNA	CA03g06570	Pepper1.55ch03:19250740-19251766	TC	TD	OK	54.6517	99.6499	0.8666	1.69973	0.00995	0.042025	yes
mRNA	CA03g06650	Pepper1.55ch03:19496989-19499665	TC	TD	OK	5.22937	1.53897	-1.76467	-2.6614	0.0003	0.0030405	yes
mRNA	CA03g06690	Pepper1.55ch03:19601629-19605417	TC	TD	OK	349.638	132.027	-1.40503	-2.7506	0.0001	0.0012767	yes
mRNA	CA03g06820	Pepper1.55ch03:20176076-20178330	TC	TD	OK	157.723	64.0489	-1.30015	-2.718	0.00165	0.011156	yes
mRNA	CA03g06850	Pepper1.55ch03:20281044-20282966	TC	TD	OK	4.39274	11.1164	1.3395	2.30257	0.0018	0.0119506	yes
mRNA	CA03g06860	Pepper1.55ch03:20312192-20319702	TC	TD	OK	27.6775	71.3686	1.36658	2.82731	0.0001	0.0012767	yes
mRNA	CA03g06920	Pepper1.55ch03:20416664-20417758	TC	TD	OK	983.757	493.976	-0.99386	-2.8127	0.0046	0.0241037	yes
mRNA	CA03g06950	Pepper1.55ch03:20627324-20629945	TC	TD	OK	637.47	1703.34	1.41793	2.2984	0.0017	0.0114072	yes
mRNA	CA03g06970	Pepper1.55ch03:20670354-20672028	TC	TD	OK	39.9966	135.743	1.76293	3.55679	5.00E-05	0.0007276	yes
mRNA	CA03g07030	Pepper1.55ch03:20853137-20854019	TC	TD	OK	6.23148	1.62246	-1.94139	-2.5266	0.0012	0.008808	yes
mRNA	CA03g07050	Pepper1.55ch03:20941543-20941903	TC	TD	OK	110.726	207.227	0.90422	3.34409	0.0092	0.0397928	yes
mRNA	CA03g07080	Pepper1.55ch03:20953172-20956976	TC	TD	OK	6.38503	19.0221	1.57491	2.99705	5.00E-05	0.0007276	yes
mRNA	CA03g07170	Pepper1.55ch03:21213604-21215461	TC	TD	OK	41.6021	13.7211	-1.60026	-3.1798	5.00E-05	0.0007276	yes
mRNA	CA03g07190	Pepper1.55ch03:21365600-21369540	TC	TD	OK	6.27809	12.302	0.97049	1.74645	0.01115	0.0456373	yes
mRNA	CA03g07230	Pepper1.55ch03:21501276-21502780	TC	TD	OK	19.2256	90.2594	2.23105	5.40811	5.00E-05	0.0007276	yes
mRNA	CA03g07240	Pepper1.55ch03:21507941-21509437	TC	TD	OK	3.70841	20.2033	2.44571	4.35952	0.0007	0.0057915	yes
mRNA	CA03g07270	Pepper1.55ch03:21687685-21688708	TC	TD	OK	69.3492	375.495	2.43684	5.96947	5.00E-05	0.0007276	yes
mRNA	CA03g07600	Pepper1.55ch03:22957315-22961142	TC	TD	OK	3.28407	7.12123	1.11664	1.90392	0.01	0.0421536	yes
mRNA	CA03g07670	Pepper1.55ch03:23228407-23231664	TC	TD	OK	20.0926	5.76044	-1.80242	-3.4518	5.00E-05	0.0007276	yes
mRNA	CA03g07690	Pepper1.55ch03:23324375-23327154	TC	TD	OK	288.095	636.491	1.1436	2.29346	0.007	0.0327557	yes
mRNA	CA03g07750	Pepper1.55ch03:23540098-23547674	TC	TD	OK	17.4536	239.535	3.77863	6.09727	5.00E-05	0.0007276	yes
mRNA	CA03g07780	Pepper1.55ch03:23681084-23689572	TC	TD	OK	2.24002	14.5325	2.6977	4.53413	5.00E-05	0.0007276	yes
mRNA	CA03g07790	Pepper1.55ch03:23710971-23712400	TC	TD	OK	20.0522	44.7238	1.15728	2.55957	0.00115	0.0085407	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA03g07860	Pepper1.55ch03:23823438-23823765	TC	TD	OK	77.178	26.9482	-1.518	-5.0967	0.0014	0.009905	yes
mRNA	CA03g08100	Pepper1.55ch03:24507587-24508538	TC	TD	OK	91.5734	208.558	1.18745	2.53621	0.0006	0.0051829	yes
mRNA	CA03g08250	Pepper1.55ch03:25224403-25225063	TC	TD	OK	0	5.94083	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA03g08390	Pepper1.55ch03:25948173-25948779	TC	TD	OK	1.74121	121.359	6.12305	9.00687	0.00245	0.015048	yes
mRNA	CA03g08490	Pepper1.55ch03:26549994-26558064	TC	TD	OK	10.6317	19.2612	0.85732	1.64605	0.0104	0.0433434	yes
mRNA	CA03g08510	Pepper1.55ch03:26660769-26663537	TC	TD	OK	26.9627	60.7041	1.17083	2.76667	0.0013	0.0093599	yes
mRNA	CA03g08690	Pepper1.55ch03:28164961-28169799	TC	TD	OK	8.33083	2.38137	-1.80667	-2.8109	0.0002	0.0022357	yes
mRNA	CA03g08730	Pepper1.55ch03:28341343-28342355	TC	TD	OK	57.935	133.841	1.20801	2.65988	0.0008	0.0064526	yes
mRNA	CA03g08770	Pepper1.55ch03:28813090-28817862	TC	TD	OK	11.4977	40.7674	1.82607	3.35084	5.00E-05	0.0007276	yes
mRNA	CA03g08850	Pepper1.55ch03:29429366-29431274	TC	TD	OK	2.52282	10.6469	2.07733	3.34425	5.00E-05	0.0007276	yes
mRNA	CA03g08930	Pepper1.55ch03:30105778-30109823	TC	TD	OK	27.4409	96.0705	1.80776	3.45562	5.00E-05	0.0007276	yes
mRNA	CA03g08960	Pepper1.55ch03:30266292-30268669	TC	TD	OK	5.69807	1.87342	-1.6048	-2.238	0.0085	0.0376942	yes
mRNA	CA03g09030	Pepper1.55ch03:30655495-30657930	TC	TD	OK	40.1541	10.8729	-1.88481	-3.7322	5.00E-05	0.0007276	yes
mRNA	CA03g09190	Pepper1.55ch03:31526603-31527185	TC	TD	OK	216.73	42.2763	-2.35798	-6.6751	5.00E-05	0.0007276	yes
mRNA	CA03g09320	Pepper1.55ch03:32402080-32402503	TC	TD	OK	15.3303	5.28482	-1.53646	-3.0699	0.01075	0.0444218	yes
mRNA	CA03g09640	Pepper1.55ch03:35388030-35388186	TC	TD	OK	0	54.8211	inf	nan	0.00015	0.0017852	yes
mRNA	CA03g09680	Pepper1.55ch03:35602748-35605824	TC	TD	OK	96.4637	35.6287	-1.43695	-3.0994	5.00E-05	0.0007276	yes
mRNA	CA03g09720	Pepper1.55ch03:37178069-37197325	TC	TD	OK	13.2124	25.9904	0.97609	1.93616	0.0065	0.0310514	yes
mRNA	CA03g10290	Pepper1.55ch03:46373471-46385851	TC	TD	OK	4.78752	2.19997	-1.1218	-1.7781	0.00695	0.0325722	yes
mRNA	CA03g10400	Pepper1.55ch03:48323611-48324040	TC	TD	OK	339.102	78.4194	-2.11244	-6.4769	5.00E-05	0.0007276	yes
mRNA	CA03g10530	Pepper1.55ch03:51929116-51930483	TC	TD	OK	2.4549	13.5983	2.46969	3.78969	5.00E-05	0.0007276	yes
mRNA	CA03g10750	Pepper1.55ch03:55362981-55366256	TC	TD	OK	5.04935	2.16793	-1.21978	-1.9666	0.00375	0.0206688	yes
mRNA	CA03g10880	Pepper1.55ch03:58538161-58539136	TC	TD	OK	4.33245	9.73001	1.16726	2.01571	0.0067	0.0316462	yes
mRNA	CA03g11300	Pepper1.55ch03:69926628-69929949	TC	TD	OK	16.4223	8.56693	-0.93881	-1.821	0.01225	0.0490357	yes
mRNA	CA03g11330	Pepper1.55ch03:70077804-70081136	TC	TD	OK	7.56255	22.7618	1.58967	3.01224	0.0001	0.0012767	yes
mRNA	CA03g11360	Pepper1.55ch03:70274604-70274898	TC	TD	OK	10.6372	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA03g11550	Pepper1.55ch03:73189608-73192496	TC	TD	OK	315.52	150.383	-1.06909	-3.6444	0.00125	0.0090735	yes
mRNA	CA03g11640	Pepper1.55ch03:76015070-76017662	TC	TD	OK	8.28768	2.4584	-1.75325	-2.6821	0.00035	0.0034365	yes
mRNA	CA03g11650	Pepper1.55ch03:77152489-77153988	TC	TD	OK	407.837	106.839	-1.93255	-3.2629	5.00E-05	0.0007276	yes
mRNA	CA03g11730	Pepper1.55ch03:77906952-77912010	TC	TD	OK	2.99884	0.94026	-1.67328	-2.0874	0.00665	0.0314889	yes
mRNA	CA03g11760	Pepper1.55ch03:77999945-78002698	TC	TD	OK	4.62211	1.53394	-1.5913	-2.2431	0.00435	0.0230579	yes

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mRNA	CA03g11790	Pepper1.55ch03:78239328-78246974	TC	TD	OK	17.0041	32.3087	0.92604	1.61112	0.00635	0.030499	yes
mRNA	CA03g11810	Pepper1.55ch03:78652125-78652536	TC	TD	OK	104.94	690.673	2.71844	8.15369	5.00E-05	0.0007276	yes
mRNA	CA03g11830	Pepper1.55ch03:78742208-78743736	TC	TD	OK	4.55094	1.49687	-1.60422	-2.1596	0.0105	0.0436276	yes
mRNA	CA03g11840	Pepper1.55ch03:79451066-79462567	TC	TD	OK	12.0281	44.3887	1.88379	3.46033	5.00E-05	0.0007276	yes
mRNA	CA03g11950	Pepper1.55ch03:80347449-80348913	TC	TD	OK	6.50793	13.4313	1.04532	1.82779	0.00735	0.0339617	yes
mRNA	CA03g12060	Pepper1.55ch03:83537810-83542537	TC	TD	OK	2.14983	7.07874	1.71927	3.01939	5.00E-05	0.0007276	yes
mRNA	CA03g12100	Pepper1.55ch03:86011279-86014444	TC	TD	OK	36.8626	16.0491	-1.19967	-2.8356	0.0017	0.0114072	yes
mRNA	CA03g12190	Pepper1.55ch03:91730810-91732190	TC	TD	OK	17.4932	6.06557	-1.52808	-2.8914	0.0027	0.0160796	yes
mRNA	CA03g12380	Pepper1.55ch03:96189420-96191781	TC	TD	OK	8.75147	17.0559	0.96267	1.77841	0.00405	0.0219063	yes
mRNA	CA03g12390	Pepper1.55ch03:96428075-96430457	TC	TD	OK	7.06222	18.5458	1.3929	2.45661	0.00025	0.0026513	yes
mRNA	CA03g12540	Pepper1.55ch03:97778316-97780186	TC	TD	OK	10.0938	22.6225	1.16429	2.21887	0.0019	0.0124233	yes
mRNA	CA03g12610	Pepper1.55ch03:99301955-99303598	TC	TD	OK	22.8334	42.9867	0.91274	2.09063	0.00855	0.037827	yes
mRNA	CA03g12810	Pepper1.55ch03:108044653-108045203	TC	TD	OK	1608.3	786.366	-1.03226	-3.5641	0.0045	0.0236701	yes
mRNA	CA03g12920	Pepper1.55ch03:110203408-110203897	TC	TD	OK	43.7116	14.1179	-1.63049	-3.9896	0.0003	0.0030405	yes
mRNA	CA03g12960	Pepper1.55ch03:110573214-110573574	TC	TD	OK	108.608	221.433	1.02773	3.65284	0.00295	0.0171555	yes
mRNA	CA03g12990	Pepper1.55ch03:112025741-112027156	TC	TD	OK	69.6911	13.6716	-2.34979	-4.8267	5.00E-05	0.0007276	yes
mRNA	CA03g13040	Pepper1.55ch03:113110155-113110458	TC	TD	OK	12.3513	36.2057	1.55155	5.02525	0.00745	0.0342977	yes
mRNA	CA03g13170	Pepper1.55ch03:117404031-117407827	TC	TD	OK	4.24195	0.35113	-3.59466	-2.3825	0.00425	0.0226232	yes
mRNA	CA03g13340	Pepper1.55ch03:119923651-119926550	TC	TD	OK	52.2504	141.463	1.43691	2.87023	5.00E-05	0.0007276	yes
mRNA	CA03g13360	Pepper1.55ch03:120606352-120608680	TC	TD	OK	4.78467	11.8839	1.31252	2.1524	0.0018	0.0119506	yes
mRNA	CA03g13390	Pepper1.55ch03:121063785-121067795	TC	TD	OK	158.301	83.0098	-0.93132	-2.0225	0.00565	0.0279371	yes
mRNA	CA03g13430	Pepper1.55ch03:121711286-121717837	TC	TD	OK	3.03647	1.26385	-1.26456	-1.9128	0.00385	0.0211351	yes
mRNA	CA03g13530	Pepper1.55ch03:123871516-123872335	TC	TD	OK	64.0125	197.502	1.62544	2.88542	5.00E-05	0.0007276	yes
mRNA	CA03g13650	Pepper1.55ch03:126715714-126722555	TC	TD	OK	16.8411	35.4349	1.07319	2.08241	0.00225	0.0140483	yes
mRNA	CA03g13660	Pepper1.55ch03:127354569-127356462	TC	TD	OK	6.38276	2.44877	-1.38213	-2.2788	0.00095	0.0073823	yes
mRNA	CA03g13770	Pepper1.55ch03:133058757-133060143	TC	TD	OK	2.62482	26.9341	3.35914	5.09501	5.00E-05	0.0007276	yes
mRNA	CA03g13930	Pepper1.55ch03:137187210-137196336	TC	TD	OK	29.6719	63.5511	1.09882	2.07374	0.00135	0.0096189	yes
mRNA	CA03g14000	Pepper1.55ch03:139945589-139947812	TC	TD	OK	0.72951	3.84151	2.39668	2.22532	0.0108	0.0445795	yes
mRNA	CA03g14020	Pepper1.55ch03:140465686-140469463	TC	TD	OK	47.7557	19.2927	-1.30762	-2.3424	0.00065	0.005483	yes
mRNA	CA03g14100	Pepper1.55ch03:142055324-142067317	TC	TD	OK	12.6891	6.09398	-1.05813	-1.991	0.00195	0.0126842	yes
mRNA	CA03g14460	Pepper1.55ch03:154948123-154950902	TC	TD	OK	4.5588	1.42379	-1.67892	-2.4016	0.00485	0.024997	yes

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mRNA	CA03g14800	Pepper1.55ch03:162498863-162501336	TC	TD	OK	5.60235	0.35676	-3.97301	-3.4332	0.00265	0.0158947	yes
mRNA	CA03g14920	Pepper1.55ch03:166806982-166807450	TC	TD	OK	17.7427	3.52984	-2.32956	-4.4202	0.00335	0.0189202	yes
mRNA	CA03g14930	Pepper1.55ch03:166808360-166808992	TC	TD	OK	56.9785	22.6578	-1.33041	-2.6238	0.0073	0.033772	yes
mRNA	CA03g15480	Pepper1.55ch03:173770453-173777744	TC	TD	OK	63.9809	158.802	1.31151	2.21992	0.0006	0.0051829	yes
mRNA	CA03g15600	Pepper1.55ch03:175373107-175374781	TC	TD	OK	95.6493	300.307	1.65061	3.06655	5.00E-05	0.0007276	yes
mRNA	CA03g15610	Pepper1.55ch03:176126448-176127099	TC	TD	OK	78.5534	204.669	1.38155	2.28864	0.0002	0.0022357	yes
mRNA	CA03g15730	Pepper1.55ch03:177960026-177963336	TC	TD	OK	4.194	1.4668	-1.51566	-2.1008	0.0048	0.0248838	yes
mRNA	CA03g15850	Pepper1.55ch03:179470842-179471460	TC	TD	OK	52.8329	16.3814	-1.68938	-3.7106	0.0001	0.0012767	yes
mRNA	CA03g15890	Pepper1.55ch03:180158143-180158749	TC	TD	OK	36.6114	11.7489	-1.63977	-3.4489	0.00025	0.0026513	yes
mRNA	CA03g15920	Pepper1.55ch03:181046971-181047607	TC	TD	OK	106.207	49.1042	-1.11297	-2.7055	0.00135	0.0096189	yes
mRNA	CA03g15940	Pepper1.55ch03:181544840-181546044	TC	TD	OK	17.5245	7.61052	-1.20331	-2.4247	0.0051	0.0260014	yes
mRNA	CA03g16010	Pepper1.55ch03:182510732-182512831	TC	TD	OK	253.243	131.015	-0.95079	-2.9402	0.0042	0.0224124	yes
mRNA	CA03g16110	Pepper1.55ch03:183757057-183772304	TC	TD	OK	13.2058	6.17271	-1.09719	-2.0803	0.00235	0.0145463	yes
mRNA	CA03g16160	Pepper1.55ch03:184924359-184924935	TC	TD	OK	3.21657	10.5265	1.71043	2.71473	0.00745	0.0342977	yes
mRNA	CA03g16300	Pepper1.55ch03:186793443-186794502	TC	TD	OK	107.288	385.198	1.8441	3.17892	5.00E-05	0.0007276	yes
mRNA	CA03g16480	Pepper1.55ch03:188576512-188580188	TC	TD	OK	15.6504	39.8151	1.34712	2.58466	0.00015	0.0017852	yes
mRNA	CA03g16520	Pepper1.55ch03:188913949-188914420	TC	TD	OK	109.2	229.202	1.06964	2.88793	0.0065	0.0310514	yes
mRNA	CA03g16530	Pepper1.55ch03:188976408-188976879	TC	TD	OK	29.1978	159.647	2.45095	5.87298	5.00E-05	0.0007276	yes
mRNA	CA03g16540	Pepper1.55ch03:188982421-188982898	TC	TD	OK	0	5.1282	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA03g16890	Pepper1.55ch03:193561309-193562069	TC	TD	OK	14.4276	3.23699	-2.15611	-3.4978	0.00075	0.0061114	yes
mRNA	CA03g16920	Pepper1.55ch03:193721099-193723388	TC	TD	OK	4.20978	14.5594	1.79014	3.13006	5.00E-05	0.0007276	yes
mRNA	CA03g17060	Pepper1.55ch03:196626724-196628152	TC	TD	OK	5.19961	0.75318	-2.78734	-3.2399	0.00115	0.0085407	yes
mRNA	CA03g17200	Pepper1.55ch03:197621156-197621552	TC	TD	OK	3.97782	38.6139	3.27907	6.19106	0.0001	0.0012767	yes
mRNA	CA03g17290	Pepper1.55ch03:198166222-198168931	TC	TD	OK	18.4011	51.9989	1.49869	3.27029	5.00E-05	0.0007276	yes
mRNA	CA03g17360	Pepper1.55ch03:198531940-198535706	TC	TD	OK	3.65093	1.20487	-1.59938	-2.3793	0.0013	0.0093599	yes
mRNA	CA03g17580	Pepper1.55ch03:200337257-200337953	TC	TD	OK	7.01117	19.2731	1.45886	3.17339	0.0016	0.0109355	yes
mRNA	CA03g17720	Pepper1.55ch03:201004142-201006381	TC	TD	OK	107.05	277.941	1.3765	3.28294	5.00E-05	0.0007276	yes
mRNA	CA03g17730	Pepper1.55ch03:201055290-201057993	TC	TD	OK	114.755	321.785	1.48754	3.78403	5.00E-05	0.0007276	yes
mRNA	CA03g17780	Pepper1.55ch03:201238597-201241905	TC	TD	OK	0.39717	10.1091	4.66975	4.70876	5.00E-05	0.0007276	yes
mRNA	CA03g18030	Pepper1.55ch03:202851637-202854748	TC	TD	OK	2.29677	9.79317	2.09217	3.42843	0.0002	0.0022357	yes
mRNA	CA03g18130	Pepper1.55ch03:203764808-203765348	TC	TD	OK	9.00022	32.8182	1.86646	5.11363	0.0064	0.0306708	yes

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mRNA	CA03g18150	Pepper1.55ch03:203793457-203795672	TC	TD	OK	7.93037	20.2986	1.35592	2.57341	0.00225	0.0140483	yes
mRNA	CA03g18160	Pepper1.55ch03:204064287-204067938	TC	TD	OK	221.576	112.17	-0.98212	-1.6745	0.00815	0.0366701	yes
mRNA	CA03g18170	Pepper1.55ch03:204069356-204072500	TC	TD	OK	52.3919	27.9955	-0.90415	-1.8709	0.00685	0.0321935	yes
mRNA	CA03g18190	Pepper1.55ch03:204208070-204210407	TC	TD	OK	31.9609	71.0483	1.15249	2.47683	0.00095	0.0073823	yes
mRNA	CA03g18240	Pepper1.55ch03:204550763-204552334	TC	TD	OK	2134.24	1137.43	-0.90795	-3.7403	0.0117	0.0472983	yes
mRNA	CA03g18270	Pepper1.55ch03:204608703-204610422	TC	TD	OK	7.20956	2.69868	-1.41766	-2.2392	0.00655	0.031231	yes
mRNA	CA03g18310	Pepper1.55ch03:204677935-204683740	TC	TD	OK	6.37318	1.15062	-2.4696	-3.6215	5.00E-05	0.0007276	yes
mRNA	CA03g18350	Pepper1.55ch03:204933576-204934281	TC	TD	OK	6.71393	19.4174	1.53212	3.31716	0.00065	0.005483	yes
mRNA	CA03g18380	Pepper1.55ch03:205131275-205132355	TC	TD	OK	33.2811	77.1287	1.21257	2.70217	0.0004	0.0038157	yes
mRNA	CA03g18410	Pepper1.55ch03:205305227-205308724	TC	TD	OK	21.7183	8.26897	-1.39313	-2.7597	0.0003	0.0030405	yes
mRNA	CA03g18420	Pepper1.55ch03:205337129-205338488	TC	TD	OK	6.17834	1.86959	-1.7245	-2.5742	0.00115	0.0085407	yes
mRNA	CA03g18650	Pepper1.55ch03:207032403-207035826	TC	TD	OK	28.2646	12.9005	-1.13157	-2.2873	0.00185	0.0121861	yes
mRNA	CA03g18680	Pepper1.55ch03:207320288-207321439	TC	TD	OK	11.2519	2.2335	-2.33279	-3.6791	0.0001	0.0012767	yes
mRNA	CA03g18730	Pepper1.55ch03:208434516-208435531	TC	TD	OK	25.3074	60.9071	1.26705	3.998	0.0084	0.0374047	yes
mRNA	CA03g18740	Pepper1.55ch03:208593864-208597438	TC	TD	OK	21.4091	45.9844	1.10292	2.75704	0.0042	0.0224124	yes
mRNA	CA03g18750	Pepper1.55ch03:208601498-208603041	TC	TD	OK	27.028	69.3442	1.35932	3.0455	0.00025	0.0026513	yes
mRNA	CA03g18850	Pepper1.55ch03:209568330-209571875	TC	TD	OK	10.179	27.0411	1.40957	2.88201	0.0001	0.0012767	yes
mRNA	CA03g19030	Pepper1.55ch03:210477498-210481187	TC	TD	OK	11.9179	3.68364	-1.69393	-2.8181	0.0002	0.0022357	yes
mRNA	CA03g19080	Pepper1.55ch03:210908391-210914636	TC	TD	OK	139.557	273.361	0.96995	2.22966	0.00345	0.0193474	yes
mRNA	CA03g19100	Pepper1.55ch03:210952716-210955055	TC	TD	OK	30.548	71.4008	1.22486	2.10824	0.0025	0.0152991	yes
mRNA	CA03g19110	Pepper1.55ch03:210992779-210996188	TC	TD	OK	78.8674	242.726	1.62183	3.97354	5.00E-05	0.0007276	yes
mRNA	CA03g19150	Pepper1.55ch03:211497512-211498124	TC	TD	OK	35.0203	17.684	-0.98575	-2.4237	0.00935	0.0401997	yes
mRNA	CA03g19160	Pepper1.55ch03:211504593-211504920	TC	TD	OK	48.1955	21.2942	-1.17844	-3.8887	0.0101	0.0424566	yes
mRNA	CA03g19220	Pepper1.55ch03:211827626-211828897	TC	TD	OK	3.59134	12.5102	1.80051	2.97721	0.0001	0.0012767	yes
mRNA	CA03g19240	Pepper1.55ch03:211932527-211936944	TC	TD	OK	18.299	55.1169	1.59073	3.19393	5.00E-05	0.0007276	yes
mRNA	CA03g19280	Pepper1.55ch03:212554992-212558474	TC	TD	OK	22.8196	10.7926	-1.08024	-2.3668	0.0096	0.0410174	yes
mRNA	CA03g19390	Pepper1.55ch03:212963816-212968972	TC	TD	OK	150.971	496.251	1.71679	3.31204	5.00E-05	0.0007276	yes
mRNA	CA03g19440	Pepper1.55ch03:213848331-213854422	TC	TD	OK	177.141	82.0008	-1.11118	-2.4806	0.00125	0.0090735	yes
mRNA	CA03g19450	Pepper1.55ch03:213856380-213859472	TC	TD	OK	1.41362	7.85982	2.47511	3.25222	5.00E-05	0.0007276	yes
mRNA	CA03g19540	Pepper1.55ch03:214424156-214425362	TC	TD	OK	62.5192	168.615	1.43136	2.57506	0.00055	0.0048567	yes
mRNA	CA03g19580	Pepper1.55ch03:214452889-214464322	TC	TD	OK	103.836	303.188	1.5459	1.80527	0.00255	0.0155107	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA03g19620	Pepper1.55ch03:214641041-214646620	TC	TD	OK	23.6177	51.9699	1.13781	2.26959	0.0011	0.0082588	yes
mRNA	CA03g19630	Pepper1.55ch03:214663410-214671644	TC	TD	OK	10.5275	42.6623	2.0188	3.66663	5.00E-05	0.0007276	yes
mRNA	CA03g19680	Pepper1.55ch03:214917976-214919253	TC	TD	OK	16.4067	4.02914	-2.02574	-3.7295	0.0009	0.0070813	yes
mRNA	CA03g19780	Pepper1.55ch03:215613006-215616565	TC	TD	OK	23.7624	8.8671	-1.42215	-2.7865	0.0017	0.0114072	yes
mRNA	CA03g19870	Pepper1.55ch03:215872090-215887206	TC	TD	OK	6.35239	14.5602	1.19666	2.10419	0.0012	0.008808	yes
mRNA	CA03g20030	Pepper1.55ch03:216377606-216380108	TC	TD	OK	19.929	48.5471	1.28451	2.68333	0.00025	0.0026513	yes
mRNA	CA03g20120	Pepper1.55ch03:216569829-216573181	TC	TD	OK	583.254	246.33	-1.24353	-1.7743	0.00345	0.0193474	yes
mRNA	CA03g20130	Pepper1.55ch03:216574857-216580419	TC	TD	OK	24.6496	45.2727	0.87708	1.82865	0.01075	0.0444218	yes
mRNA	CA03g20180	Pepper1.55ch03:216713600-216716381	TC	TD	OK	3.76459	1.14581	-1.71612	-2.1571	0.00895	0.0389796	yes
mRNA	CA03g20250	Pepper1.55ch03:217251759-217255951	TC	TD	OK	38.3108	83.3892	1.12211	2.47714	0.0008	0.0064526	yes
mRNA	CA03g20300	Pepper1.55ch03:217383207-217387539	TC	TD	OK	16.6235	8.73666	-0.92807	-1.7617	0.0059	0.0288332	yes
mRNA	CA03g20530	Pepper1.55ch03:217968152-217968560	TC	TD	OK	28.4203	156.787	2.46381	6.34415	5.00E-05	0.0007276	yes
mRNA	CA03g20570	Pepper1.55ch03:218091821-218092181	TC	TD	OK	36.8243	15.6148	-1.23774	-3.6219	0.00885	0.0387005	yes
mRNA	CA03g20610	Pepper1.55ch03:218277029-218278574	TC	TD	OK	6.1722	24.293	1.97669	3.11842	5.00E-05	0.0007276	yes
mRNA	CA03g20710	Pepper1.55ch03:218499165-218501553	TC	TD	OK	5.87118	1.37981	-2.08918	-2.919	0.00055	0.0048567	yes
mRNA	CA03g20730	Pepper1.55ch03:218531636-218534538	TC	TD	OK	37.9764	13.3573	-1.50747	-3.1465	0.00025	0.0026513	yes
mRNA	CA03g20810	Pepper1.55ch03:218723435-218735689	TC	TD	OK	17.097	41.3465	1.27403	2.64687	0.00015	0.0017852	yes
mRNA	CA03g20820	Pepper1.55ch03:218757446-218757794	TC	TD	OK	507.221	79.5156	-2.67331	-9.3687	5.00E-05	0.0007276	yes
mRNA	CA03g20890	Pepper1.55ch03:218869517-218870751	TC	TD	OK	24.3494	9.60286	-1.34235	-2.0559	0.0061	0.0296378	yes
mRNA	CA03g20950	Pepper1.55ch03:219144750-219146763	TC	TD	OK	5.57245	19.8181	1.83044	3.29753	5.00E-05	0.0007276	yes
mRNA	CA03g20990	Pepper1.55ch03:219384019-219387567	TC	TD	OK	51.281	142.524	1.47471	2.63257	0.0003	0.0030405	yes
mRNA	CA03g21030	Pepper1.55ch03:219555491-219555668	TC	TD	OK	271.136	955.758	1.81763	24.2266	5.00E-05	0.0007276	yes
mRNA	CA03g21040	Pepper1.55ch03:219591187-219596415	TC	TD	OK	24.7358	56.3264	1.18721	2.14302	0.0006	0.0051829	yes
mRNA	CA03g21230	Pepper1.55ch03:220072305-220076845	TC	TD	OK	13.7831	52.3566	1.92548	3.31742	5.00E-05	0.0007276	yes
mRNA	CA03g21240	Pepper1.55ch03:220112625-220116102	TC	TD	OK	10.3053	2.87623	-1.84114	-3.1481	5.00E-05	0.0007276	yes
mRNA	CA03g21290	Pepper1.55ch03:220261807-220262677	TC	TD	OK	9.46617	21.6259	1.19191	2.21249	0.0023	0.0143131	yes
mRNA	CA03g21330	Pepper1.55ch03:220359196-220359511	TC	TD	OK	53.1649	166.333	1.64553	5.71941	0.0003	0.0030405	yes
mRNA	CA03g21340	Pepper1.55ch03:220424450-220424753	TC	TD	OK	11.4745	159.881	3.8005	12.2214	5.00E-05	0.0007276	yes
mRNA	CA03g21380	Pepper1.55ch03:220607474-220614220	TC	TD	OK	36.1706	71.3816	0.98074	2.03096	0.003	0.0173859	yes
mRNA	CA03g21410	Pepper1.55ch03:220628987-220629155	TC	TD	OK	559.134	194.825	-1.52102	-17.074	0.00345	0.0193474	yes
mRNA	CA03g21490	Pepper1.55ch03:220858975-220860526	TC	TD	OK	3.33471	1.20101	-1.47332	-2.0265	0.0055	0.0273839	yes

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mRNA	CA03g21660	Pepper1.55ch03:221267955-221270986	TC	TD	OK	11.3115	26.3798	1.22164	2.36219	0.00045	0.0041816	yes
mRNA	CA03g21830	Pepper1.55ch03:221600922-221606781	TC	TD	OK	4.27011	8.47093	0.98825	1.5903	0.01215	0.048713	yes
mRNA	CA03g21930	Pepper1.55ch03:221799502-221801579	TC	TD	OK	8.7609	96.3462	3.45908	5.39846	5.00E-05	0.0007276	yes
mRNA	CA03g21960	Pepper1.55ch03:221915084-221921629	TC	TD	OK	5.1389	1.94503	-1.40167	-2.314	0.002	0.012937	yes
mRNA	CA03g22040	Pepper1.55ch03:222637033-222638111	TC	TD	OK	46.9529	15.4994	-1.599	-3.3823	5.00E-05	0.0007276	yes
mRNA	CA03g22070	Pepper1.55ch03:222663264-222665759	TC	TD	OK	1.16128	3.62443	1.64204	1.97329	0.0116	0.0470453	yes
mRNA	CA03g22080	Pepper1.55ch03:222697455-222699222	TC	TD	OK	15.9315	109.747	2.78422	5.6641	5.00E-05	0.0007276	yes
mRNA	CA03g22260	Pepper1.55ch03:223160545-223161825	TC	TD	OK	37.1919	17.6218	-1.07762	-2.4557	0.00405	0.0219063	yes
mRNA	CA03g22330	Pepper1.55ch03:223271182-223274069	TC	TD	OK	176.089	460.713	1.38756	2.36224	0.0005	0.0045156	yes
mRNA	CA03g22380	Pepper1.55ch03:223420675-223425696	TC	TD	OK	7.68008	1.79579	-2.0965	-3.2663	5.00E-05	0.0007276	yes
mRNA	CA03g22470	Pepper1.55ch03:224266722-224267697	TC	TD	OK	8.2475	1.37953	-2.57978	-3.4478	0.002	0.012937	yes
mRNA	CA03g22810	Pepper1.55ch03:225006555-225008944	TC	TD	OK	2.53531	5.98451	1.23907	2.12287	0.0114	0.0463588	yes
mRNA	CA03g22860	Pepper1.55ch03:225086963-225088564	TC	TD	OK	17.626	38.3707	1.1223	3.22517	0.0114	0.0463588	yes
mRNA	CA03g22870	Pepper1.55ch03:225114709-225115576	TC	TD	OK	147.41	306.627	1.05665	2.31591	0.0022	0.0138219	yes
mRNA	CA03g22880	Pepper1.55ch03:225117122-225118987	TC	TD	OK	9.90659	26.2507	1.40589	2.82124	0.00035	0.0034365	yes
mRNA	CA03g22890	Pepper1.55ch03:225122506-225129846	TC	TD	OK	9.70411	22.9609	1.24251	2.18583	0.00175	0.0116752	yes
mRNA	CA03g22960	Pepper1.55ch03:225306433-225308777	TC	TD	OK	12.4745	6.31843	-0.98135	-1.7658	0.012	0.0482269	yes
mRNA	CA03g23060	Pepper1.55ch03:225455003-225467216	TC	TD	OK	2.42512	5.44393	1.16659	1.79257	0.00635	0.030499	yes
mRNA	CA03g23180	Pepper1.55ch03:225703680-225707463	TC	TD	OK	3.65688	11.9808	1.71204	2.92105	5.00E-05	0.0007276	yes
mRNA	CA03g23230	Pepper1.55ch03:225751127-225754631	TC	TD	OK	4.34065	1.29795	-1.74168	-2.5507	0.0004	0.0038157	yes
mRNA	CA03g23310	Pepper1.55ch03:226354752-226364655	TC	TD	OK	18.1715	57.7831	1.66897	3.80889	5.00E-05	0.0007276	yes
mRNA	CA03g23320	Pepper1.55ch03:226371342-226371678	TC	TD	OK	15.5005	41.5986	1.42422	4.42793	0.0036	0.0200102	yes
mRNA	CA03g23440	Pepper1.55ch03:226565071-226566236	TC	TD	OK	18.9233	52.6978	1.47758	3.01262	5.00E-05	0.0007276	yes
mRNA	CA03g23540	Pepper1.55ch03:226828363-226829502	TC	TD	OK	291.947	108.552	-1.42731	-3.4637	5.00E-05	0.0007276	yes
mRNA	CA03g23560	Pepper1.55ch03:226856709-226857315	TC	TD	OK	8.0229	49.4697	2.62435	5.33426	5.00E-05	0.0007276	yes
mRNA	CA03g23600	Pepper1.55ch03:226895419-226895818	TC	TD	OK	55.6662	15.4125	-1.85271	-4.4063	0.00025	0.0026513	yes
mRNA	CA03g23630	Pepper1.55ch03:226912676-226913762	TC	TD	OK	97.2787	279.606	1.5232	3.01594	5.00E-05	0.0007276	yes
mRNA	CA03g23670	Pepper1.55ch03:227212096-227212726	TC	TD	OK	9.56137	9593.46	9.97062	13.3624	5.00E-05	0.0007276	yes
mRNA	CA03g23780	Pepper1.55ch03:227321790-227322579	TC	TD	OK	1.61455	13.0883	3.01907	4.42252	0.00015	0.0017852	yes
mRNA	CA03g23810	Pepper1.55ch03:227398698-227398947	TC	TD	OK	108.855	13.2732	-3.03583	-11.835	0.00075	0.0061114	yes
mRNA	CA03g23840	Pepper1.55ch03:227495542-227496547	TC	TD	OK	10.8411	4.44448	-1.28643	-2.4942	0.0125	0.0498119	yes

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mRNA	CA03g23890	Pepper1.55ch03:227525975-227527101	TC	TD	OK	1.71969	41.1852	4.5819	6.25502	5.00E-05	0.0007276	yes
mRNA	CA03g23970	Pepper1.55ch03:227616300-227619168	TC	TD	OK	387.643	144.219	-1.42647	-3.0105	5.00E-05	0.0007276	yes
mRNA	CA03g24020	Pepper1.55ch03:227691846-227698130	TC	TD	OK	26.2433	10.3377	-1.34404	-2.8155	0.0004	0.0038157	yes
mRNA	CA03g24170	Pepper1.55ch03:229300984-229301680	TC	TD	OK	77.8347	173.047	1.15268	2.68353	0.00035	0.0034365	yes
mRNA	CA03g24280	Pepper1.55ch03:229558474-229561634	TC	TD	OK	28.5151	11.5706	-1.30126	-2.7877	0.00115	0.0085407	yes
mRNA	CA03g24310	Pepper1.55ch03:229586404-229593984	TC	TD	OK	191.85	757.65	1.98155	3.3488	5.00E-05	0.0007276	yes
mRNA	CA03g24380	Pepper1.55ch03:229679131-229680118	TC	TD	OK	1.13256	9.05419	2.999	3.39478	0.00015	0.0017852	yes
mRNA	CA03g24390	Pepper1.55ch03:229709623-229712128	TC	TD	OK	1.30947	6.15684	2.23321	2.77584	5.00E-05	0.0007276	yes
mRNA	CA03g24400	Pepper1.55ch03:229713604-229717631	TC	TD	OK	11.5426	3.2825	-1.8141	-3.2658	5.00E-05	0.0007276	yes
mRNA	CA03g24450	Pepper1.55ch03:229789226-229790210	TC	TD	OK	2.26765	5.49317	1.27644	1.74576	0.01135	0.0461928	yes
mRNA	CA03g24520	Pepper1.55ch03:230104973-230106918	TC	TD	OK	6.83374	15.7938	1.20861	2.25168	0.00095	0.0073823	yes
mRNA	CA03g24540	Pepper1.55ch03:230125587-230126441	TC	TD	OK	97.903	213.526	1.12499	5.25442	0.0019	0.0124233	yes
mRNA	CA03g24610	Pepper1.55ch03:230319778-230324212	TC	TD	OK	149.542	397.207	1.40934	2.72946	0.00015	0.0017852	yes
mRNA	CA03g24620	Pepper1.55ch03:230341762-230343734	TC	TD	OK	33.4437	156.999	2.23095	4.11332	5.00E-05	0.0007276	yes
mRNA	CA03g24640	Pepper1.55ch03:230367238-230372904	TC	TD	OK	29.225	12.8507	-1.18535	-2.307	0.0009	0.0070813	yes
mRNA	CA03g24650	Pepper1.55ch03:230373793-230377550	TC	TD	OK	12.8679	4.92796	-1.38471	-2.6553	0.00345	0.0193474	yes
mRNA	CA03g24790	Pepper1.55ch03:230770466-230773075	TC	TD	OK	257.019	101.844	-1.33551	-4.7969	0.0001	0.0012767	yes
mRNA	CA03g24850	Pepper1.55ch03:231056027-231057673	TC	TD	OK	886.246	3026.49	1.77187	7.86661	5.00E-05	0.0007276	yes
mRNA	CA03g24900	Pepper1.55ch03:231308629-231310820	TC	TD	OK	611.007	273.139	-1.16155	-2.6715	0.00155	0.0107004	yes
mRNA	CA03g24920	Pepper1.55ch03:231381797-231385055	TC	TD	OK	66.0013	32.3826	-1.02728	-2.2957	0.0022	0.0138219	yes
mRNA	CA03g24940	Pepper1.55ch03:231392167-231394368	TC	TD	OK	84.3164	381.486	2.17774	3.76067	5.00E-05	0.0007276	yes
mRNA	CA03g24980	Pepper1.55ch03:231596641-231602312	TC	TD	OK	4.57167	1.06229	-2.10554	-3.1151	0.00045	0.0041816	yes
mRNA	CA03g25000	Pepper1.55ch03:231649741-231650976	TC	TD	OK	6.69818	1.54397	-2.11712	-2.8078	0.0026	0.0156946	yes
mRNA	CA03g25020	Pepper1.55ch03:231696802-231705417	TC	TD	OK	82.2738	646.053	2.97315	4.60314	5.00E-05	0.0007276	yes
mRNA	CA03g25150	Pepper1.55ch03:231973583-231974373	TC	TD	OK	4.5059	13.5314	1.58642	3.01811	0.00375	0.0206688	yes
mRNA	CA03g25250	Pepper1.55ch03:232143594-232148055	TC	TD	OK	19.8978	8.27839	-1.26519	-2.426	0.00115	0.0085407	yes
mRNA	CA03g25270	Pepper1.55ch03:232173404-232179222	TC	TD	OK	27.9053	135.328	2.27785	4.2006	5.00E-05	0.0007276	yes
mRNA	CA03g25290	Pepper1.55ch03:232192034-232193252	TC	TD	OK	1.94939	5.26137	1.43242	2.11748	0.00595	0.0290118	yes
mRNA	CA03g25330	Pepper1.55ch03:232294305-232296273	TC	TD	OK	13.9149	3.66471	-1.92486	-2.9069	0.0002	0.0022357	yes
mRNA	CA03g25380	Pepper1.55ch03:232390649-232391651	TC	TD	OK	8.54041	21.9165	1.35964	2.66531	0.0006	0.0051829	yes
mRNA	CA03g25410	Pepper1.55ch03:232446487-232447108	TC	TD	OK	7.68386	36.1386	2.23364	4.81966	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA03g25420	Pepper1.55ch03:232447152-232448683	TC	TD	OK	13.9875	4.59838	-1.60494	-3.0171	0.00145	0.0101871	yes
mRNA	CA03g25550	Pepper1.55ch03:233731296-233731932	TC	TD	OK	270.653	839.044	1.63231	3.72898	5.00E-05	0.0007276	yes
mRNA	CA03g25560	Pepper1.55ch03:233732117-233732273	TC	TD	OK	859.817	2428.94	1.49822	28.882	5.00E-05	0.0007276	yes
mRNA	CA03g25630	Pepper1.55ch03:234650757-234654167	TC	TD	OK	44.1588	15.9291	-1.47104	-2.9875	0.0001	0.0012767	yes
mRNA	CA03g25700	Pepper1.55ch03:234872784-234877232	TC	TD	OK	35.0696	17.2918	-1.02013	-2.4656	0.0104	0.0433434	yes
mRNA	CA03g25730	Pepper1.55ch03:235015102-235016147	TC	TD	OK	275.319	1152.73	2.06588	5.19443	5.00E-05	0.0007276	yes
mRNA	CA03g25750	Pepper1.55ch03:235072530-235075892	TC	TD	OK	56.9195	126.521	1.15239	2.24896	0.0016	0.0109355	yes
mRNA	CA03g25810	Pepper1.55ch03:235385351-235400313	TC	TD	OK	12.1396	6.13281	-0.9851	-1.8285	0.0071	0.0331107	yes
mRNA	CA03g25900	Pepper1.55ch03:235715569-235716046	TC	TD	OK	6.08899	18.3765	1.59359	3.21619	0.00245	0.015048	yes
mRNA	CA03g26050	Pepper1.55ch03:236143900-236144912	TC	TD	OK	0.42516	3.37806	2.99011	1.98984	0.00675	0.0318127	yes
mRNA	CA03g26130	Pepper1.55ch03:236378000-236379711	TC	TD	OK	1.68534	3.86076	1.19584	1.82465	0.0106	0.0439342	yes
mRNA	CA03g26220	Pepper1.55ch03:236480658-236486956	TC	TD	OK	94.5215	207.811	1.13655	2.35978	0.001	0.0076526	yes
mRNA	CA03g26330	Pepper1.55ch03:236770677-236773922	TC	TD	OK	44.9675	10.8076	-2.05683	-3.8393	5.00E-05	0.0007276	yes
mRNA	CA03g26360	Pepper1.55ch03:236818257-236825286	TC	TD	OK	7.36183	22.4517	1.60869	2.935	5.00E-05	0.0007276	yes
mRNA	CA03g26400	Pepper1.55ch03:236850430-236851273	TC	TD	OK	5.7236	1.80336	-1.66624	-2.2532	0.0066	0.0313308	yes
mRNA	CA03g26530	Pepper1.55ch03:236986498-236987506	TC	TD	OK	130.615	294.509	1.17299	2.24567	0.00175	0.0116752	yes
mRNA	CA03g26670	Pepper1.55ch03:237333753-237337475	TC	TD	OK	47.0203	21.688	-1.11639	-2.296	0.00215	0.0136155	yes
mRNA	CA03g26690	Pepper1.55ch03:237354414-237356895	TC	TD	OK	18.4455	8.81042	-1.06598	-2.0932	0.0046	0.0241037	yes
mRNA	CA03g26720	Pepper1.55ch03:237492498-237496642	TC	TD	OK	7.74959	34.4508	2.15235	3.64754	5.00E-05	0.0007276	yes
mRNA	CA03g26790	Pepper1.55ch03:237702027-237707824	TC	TD	OK	144.151	76.7491	-0.90936	-2.3808	0.0082	0.0367964	yes
mRNA	CA03g26830	Pepper1.55ch03:237782500-237783826	TC	TD	OK	34.1575	182.898	2.42076	4.75288	5.00E-05	0.0007276	yes
mRNA	CA03g27020	Pepper1.55ch03:238140737-238144234	TC	TD	OK	89.4252	41.6798	-1.10133	-2.664	0.00105	0.0079626	yes
mRNA	CA03g27100	Pepper1.55ch03:238196295-238198497	TC	TD	OK	6.20564	0.75358	-3.04174	-3.1418	0.0083	0.0370797	yes
mRNA	CA03g27140	Pepper1.55ch03:238332604-238333183	TC	TD	OK	210.259	985.495	2.22868	3.54646	0.0007	0.0057915	yes
mRNA	CA03g27150	Pepper1.55ch03:238341417-238344350	TC	TD	OK	9.37716	21.8424	1.21991	2.12911	0.00245	0.015048	yes
mRNA	CA03g27160	Pepper1.55ch03:238406711-238408315	TC	TD	OK	21.1339	6.36059	-1.73233	-3.7998	0.0022	0.0138219	yes
mRNA	CA03g27200	Pepper1.55ch03:238440801-238442430	TC	TD	OK	6.40504	17.6177	1.45975	2.45046	0.0002	0.0022357	yes
mRNA	CA03g27290	Pepper1.55ch03:238643973-238646638	TC	TD	OK	11.5339	4.3175	-1.41761	-2.4349	0.0013	0.0093599	yes
mRNA	CA03g27400	Pepper1.55ch03:238750583-238752569	TC	TD	OK	0.52878	3.17139	2.58437	2.71575	0.0021	0.0134057	yes
mRNA	CA03g27480	Pepper1.55ch03:238839863-238841366	TC	TD	OK	1.73929	5.25209	1.5944	2.28771	0.00125	0.0090735	yes
mRNA	CA03g27490	Pepper1.55ch03:238868322-238869476	TC	TD	OK	148.582	380.448	1.35644	2.77077	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA03g27640	Pepper1.55ch03:239490272-239494474	TC	TD	OK	60.2087	110.192	0.87197	2.10334	0.00895	0.0389796	yes
mRNA	CA03g27670	Pepper1.55ch03:239509628-239513182	TC	TD	OK	34.7673	18.2887	-0.92678	-1.9459	0.01	0.0421536	yes
mRNA	CA03g27680	Pepper1.55ch03:239541632-239542603	TC	TD	OK	10.8842	53.4723	2.29656	4.75862	5.00E-05	0.0007276	yes
mRNA	CA03g27750	Pepper1.55ch03:239640237-239641343	TC	TD	OK	7.2697	1.82905	-1.9908	-2.6804	0.0044	0.0232494	yes
mRNA	CA03g27760	Pepper1.55ch03:239641860-239645129	TC	TD	OK	4.5166	1.52668	-1.56484	-2.354	0.00345	0.0193474	yes
mRNA	CA03g27810	Pepper1.55ch03:239728426-239735243	TC	TD	OK	29.3085	55.191	0.91311	1.66906	0.00855	0.037827	yes
mRNA	CA03g27870	Pepper1.55ch03:239871418-239880618	TC	TD	OK	9.71088	43.4291	2.16099	4.28043	5.00E-05	0.0007276	yes
mRNA	CA03g27980	Pepper1.55ch03:240150555-240151353	TC	TD	OK	50.6183	15.7337	-1.6858	-3.4641	5.00E-05	0.0007276	yes
mRNA	CA03g28000	Pepper1.55ch03:240215154-240215790	TC	TD	OK	74.6701	26.085	-1.51731	-3.8091	0.0001	0.0012767	yes
mRNA	CA03g28010	Pepper1.55ch03:240232060-240233769	TC	TD	OK	92.186	400.428	2.11892	4.13173	5.00E-05	0.0007276	yes
mRNA	CA03g28120	Pepper1.55ch03:240644177-240652218	TC	TD	OK	3.57376	0.85674	-2.06051	-2.7588	0.0003	0.0030405	yes
mRNA	CA03g28170	Pepper1.55ch03:240800388-240800820	TC	TD	OK	9.03378	22.0859	1.28972	2.87822	0.0066	0.0313308	yes
mRNA	CA03g28200	Pepper1.55ch03:240854298-240856347	TC	TD	OK	6.63416	15.2398	1.19986	2.05655	0.0021	0.0134057	yes
mRNA	CA03g28310	Pepper1.55ch03:240946883-240952110	TC	TD	OK	14.6512	34.1511	1.22091	2.47905	0.00055	0.0048567	yes
mRNA	CA03g28340	Pepper1.55ch03:241180127-241182268	TC	TD	OK	11.8522	2.02843	-2.54671	-3.6632	5.00E-05	0.0007276	yes
mRNA	CA03g28380	Pepper1.55ch03:241208416-241212833	TC	TD	OK	7.9394	17.7108	1.15753	2.37537	0.00515	0.0261679	yes
mRNA	CA03g28460	Pepper1.55ch03:241343413-241344139	TC	TD	OK	27.0768	179.32	2.72741	6.36612	5.00E-05	0.0007276	yes
mRNA	CA03g28490	Pepper1.55ch03:241374239-241375770	TC	TD	OK	171.933	759.756	2.14369	3.63358	5.00E-05	0.0007276	yes
mRNA	CA03g28500	Pepper1.55ch03:241378832-241385155	TC	TD	OK	45.5356	103.159	1.1798	2.26528	0.0006	0.0051829	yes
mRNA	CA03g28510	Pepper1.55ch03:241389157-241394252	TC	TD	OK	3.18975	0.81093	-1.97579	-2.5743	0.0007	0.0057915	yes
mRNA	CA03g28670	Pepper1.55ch03:241780699-241786115	TC	TD	OK	19.9371	41.9883	1.07454	2.18816	0.00165	0.011156	yes
mRNA	CA03g28680	Pepper1.55ch03:241807059-241812372	TC	TD	OK	6.11262	2.79417	-1.12937	-1.8556	0.0084	0.0374047	yes
mRNA	CA03g28700	Pepper1.55ch03:241835993-241837080	TC	TD	OK	158.376	70.2929	-1.1719	-4.5752	0.0021	0.0134057	yes
mRNA	CA03g28790	Pepper1.55ch03:241960433-241962562	TC	TD	OK	17.8555	4.40423	-2.0194	-3.7043	5.00E-05	0.0007276	yes
mRNA	CA03g29050	Pepper1.55ch03:242626751-242630572	TC	TD	OK	55.317	106.906	0.95055	2.09007	0.0042	0.0224124	yes
mRNA	CA03g29160	Pepper1.55ch03:242781166-242782981	TC	TD	OK	121.982	225.346	0.88547	2.97976	0.00885	0.0387005	yes
mRNA	CA03g29530	Pepper1.55ch03:244678738-244679005	TC	TD	OK	224.352	507.069	1.17642	5.68925	0.00035	0.0034365	yes
mRNA	CA03g29610	Pepper1.55ch03:244772402-244775542	TC	TD	OK	7.44177	17.692	1.24938	2.40602	0.001	0.0076526	yes
mRNA	CA03g29650	Pepper1.55ch03:244908514-244912087	TC	TD	OK	9.72413	28.1861	1.53534	2.77464	5.00E-05	0.0007276	yes
mRNA	CA03g29840	Pepper1.55ch03:245123013-245128175	TC	TD	OK	3.97874	1.41198	-1.49459	-2.1568	0.00545	0.0272608	yes
mRNA	CA03g29950	Pepper1.55ch03:245266546-245267699	TC	TD	OK	196.969	87.1878	-1.17577	-2.8369	0.00045	0.0041816	yes

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mRNA	CA03g29960	Pepper1.55ch03:245275771-245276786	TC	TD	OK	14.5671	38.3417	1.3962	2.99676	0.0004	0.0038157	yes
mRNA	CA03g29980	Pepper1.55ch03:245332360-245334483	TC	TD	OK	2.18067	6.16498	1.49933	2.33411	0.0031	0.0178014	yes
mRNA	CA03g30020	Pepper1.55ch03:245356443-245358390	TC	TD	OK	1193.09	494.29	-1.27127	-2.2246	0.004	0.0216981	yes
mRNA	CA03g30060	Pepper1.55ch03:245399288-245401977	TC	TD	OK	15.5805	31.4877	1.01505	2.03301	0.0037	0.0204605	yes
mRNA	CA03g30070	Pepper1.55ch03:245410706-245413663	TC	TD	OK	186.087	52.7962	-1.81747	-4.2089	5.00E-05	0.0007276	yes
mRNA	CA03g30080	Pepper1.55ch03:245439417-245439714	TC	TD	OK	104.301	30.9467	-1.75289	-7.1834	0.00025	0.0026513	yes
mRNA	CA03g30160	Pepper1.55ch03:245646542-245649660	TC	TD	OK	56.5536	20.2013	-1.48517	-3.3205	0.0001	0.0012767	yes
mRNA	CA03g30230	Pepper1.55ch03:246389179-246389467	TC	TD	OK	60.1204	192.695	1.6804	7.42072	0.0002	0.0022357	yes
mRNA	CA03g30420	Pepper1.55ch03:246653637-246656259	TC	TD	OK	36.5999	18.3739	-0.99418	-2.1739	0.004	0.0216981	yes
mRNA	CA03g30450	Pepper1.55ch03:246738444-246742438	TC	TD	OK	1.02407	2.9545	1.5286	2.04744	0.0067	0.0316462	yes
mRNA	CA03g30630	Pepper1.55ch03:247020152-247028049	TC	TD	OK	20.3168	44.3568	1.12648	2.02606	0.001	0.0076526	yes
mRNA	CA03g30740	Pepper1.55ch03:247210555-247211591	TC	TD	OK	214.149	451.249	1.07531	2.68187	0.00795	0.0359417	yes
mRNA	CA03g30770	Pepper1.55ch03:247247673-247251799	TC	TD	OK	6.65005	2.8714	-1.21161	-1.7967	0.0091	0.0394168	yes
mRNA	CA03g30840	Pepper1.55ch03:247436834-247439394	TC	TD	OK	176.051	487.687	1.46996	3.71224	0.00025	0.0026513	yes
mRNA	CA03g30900	Pepper1.55ch03:247466268-247469813	TC	TD	OK	7.07416	1.76212	-2.00525	-2.9227	0.0019	0.0124233	yes
mRNA	CA03g30950	Pepper1.55ch03:247546096-247554745	TC	TD	OK	12.1864	25.5181	1.06625	2.02948	0.00195	0.0126842	yes
mRNA	CA03g31080	Pepper1.55ch03:247716823-247722611	TC	TD	OK	3.94743	1.1254	-1.81047	-2.6967	0.0006	0.0051829	yes
mRNA	CA03g31090	Pepper1.55ch03:247734188-247735519	TC	TD	OK	98.8567	259.4	1.39177	2.78557	0.0001	0.0012767	yes
mRNA	CA03g31230	Pepper1.55ch03:247964930-247970058	TC	TD	OK	9.23219	22.5149	1.28613	2.34839	0.0004	0.0038157	yes
mRNA	CA03g31300	Pepper1.55ch03:248110430-248116985	TC	TD	OK	4.23627	0.98555	-2.10379	-2.8781	0.0003	0.0030405	yes
mRNA	CA03g31320	Pepper1.55ch03:248132375-248133947	TC	TD	OK	21.4637	55.274	1.3647	2.80194	0.0006	0.0051829	yes
mRNA	CA03g31530	Pepper1.55ch03:248938213-248940940	TC	TD	OK	46.7808	90.1732	0.94678	2.3814	0.00805	0.0363503	yes
mRNA	CA03g31540	Pepper1.55ch03:248943536-248946373	TC	TD	OK	107.771	215.13	0.99724	2.9072	0.0027	0.0160796	yes
mRNA	CA03g31560	Pepper1.55ch03:248964020-248968596	TC	TD	OK	63.9444	31.4159	-1.02532	-2.0639	0.0055	0.0273839	yes
mRNA	CA03g31680	Pepper1.55ch03:249130672-249132020	TC	TD	OK	122.637	326.09	1.41088	3.77787	5.00E-05	0.0007276	yes
mRNA	CA03g31740	Pepper1.55ch03:249174795-249176222	TC	TD	OK	50.1949	98.3527	0.97043	2.49692	0.0041	0.0221054	yes
mRNA	CA03g31820	Pepper1.55ch03:249287580-249289872	TC	TD	OK	45.3365	107.429	1.24464	2.08678	0.00015	0.0017852	yes
mRNA	CA03g31860	Pepper1.55ch03:249303602-249304329	TC	TD	OK	112.577	55.5917	-1.01798	-2.48	0.0022	0.0138219	yes
mRNA	CA03g31920	Pepper1.55ch03:249396083-249400674	TC	TD	OK	40.9062	100.696	1.29961	2.84732	5.00E-05	0.0007276	yes
mRNA	CA03g31940	Pepper1.55ch03:249434889-249440383	TC	TD	OK	33.7514	64.2187	0.92805	2.33044	0.00785	0.0356391	yes
mRNA	CA03g32050	Pepper1.55ch03:249645040-249645757	TC	TD	OK	16.8156	54.2258	1.68918	3.56605	5.00E-05	0.0007276	yes

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mRNA	CA03g32060	Pepper1.55ch03:249649084-249652125	TC	TD	OK	29.6994	77.8285	1.38987	3.30582	5.00E-05	0.0007276	yes
mRNA	CA03g32070	Pepper1.55ch03:249653890-249655716	TC	TD	OK	259.16	601.404	1.21449	2.28602	0.00315	0.0180131	yes
mRNA	CA03g32090	Pepper1.55ch03:249739755-249742519	TC	TD	OK	24.2345	8.81729	-1.45865	-2.7409	0.00015	0.0017852	yes
mRNA	CA03g32250	Pepper1.55ch03:250024245-250026303	TC	TD	OK	8.69297	3.46575	-1.32668	-2.2885	0.01085	0.0447248	yes
mRNA	CA03g32410	Pepper1.55ch03:250262701-250266639	TC	TD	OK	67.1486	235.377	1.80954	3.45267	5.00E-05	0.0007276	yes
mRNA	CA03g32420	Pepper1.55ch03:250272096-250272447	TC	TD	OK	13.3732	150.317	3.49059	10.3854	5.00E-05	0.0007276	yes
mRNA	CA03g32430	Pepper1.55ch03:250297137-250297734	TC	TD	OK	55.0329	249.884	2.18289	5.10155	5.00E-05	0.0007276	yes
mRNA	CA03g32440	Pepper1.55ch03:250301062-250305372	TC	TD	OK	4.61427	14.9547	1.69643	3.38128	0.0001	0.0012767	yes
mRNA	CA03g32510	Pepper1.55ch03:250430514-250441161	TC	TD	OK	77.523	319.836	2.04463	3.78536	5.00E-05	0.0007276	yes
mRNA	CA03g32590	Pepper1.55ch03:250551086-250556608	TC	TD	OK	55.3298	18.0407	-1.6168	-3.0749	5.00E-05	0.0007276	yes
mRNA	CA03g32670	Pepper1.55ch03:250658826-250659466	TC	TD	OK	75.1902	34.4009	-1.1281	-2.6723	0.00235	0.0145463	yes
mRNA	CA03g32710	Pepper1.55ch03:250796000-250801133	TC	TD	OK	78.0776	21.1921	-1.88138	-3.7415	5.00E-05	0.0007276	yes
mRNA	CA03g32740	Pepper1.55ch03:250827183-250828811	TC	TD	OK	76.1502	38.408	-0.98744	-2.0733	0.00795	0.0359417	yes
mRNA	CA03g32780	Pepper1.55ch03:250898059-250900010	TC	TD	OK	10.9999	33.7054	1.61549	3.62732	0.00015	0.0017852	yes
mRNA	CA03g32800	Pepper1.55ch03:250920086-250923870	TC	TD	OK	5.36303	11.7167	1.12745	1.92301	0.0055	0.0273839	yes
mRNA	CA03g32850	Pepper1.55ch03:250948631-250952162	TC	TD	OK	9.87869	4.21149	-1.22999	-2.1626	0.00415	0.0222637	yes
mRNA	CA03g32860	Pepper1.55ch03:250955297-250956158	TC	TD	OK	13.9813	5.17228	-1.43462	-2.7202	0.0018	0.0119506	yes
mRNA	CA03g32880	Pepper1.55ch03:250985265-250989860	TC	TD	OK	30.3242	55.7378	0.87819	1.82742	0.00985	0.0417898	yes
mRNA	CA03g32900	Pepper1.55ch03:251004055-251005573	TC	TD	OK	78.4254	33.3361	-1.23424	-2.4621	0.00025	0.0026513	yes
mRNA	CA03g32990	Pepper1.55ch03:251071957-251081160	TC	TD	OK	0.84338	15.1108	4.16325	5.34848	5.00E-05	0.0007276	yes
mRNA	CA03g33020	Pepper1.55ch03:251134117-251137195	TC	TD	OK	130.69	330.319	1.33771	3.02314	5.00E-05	0.0007276	yes
mRNA	CA03g33060	Pepper1.55ch03:251253790-251255206	TC	TD	OK	4.21788	16.4575	1.96415	3.49063	5.00E-05	0.0007276	yes
mRNA	CA03g33070	Pepper1.55ch03:251262732-251266621	TC	TD	OK	6.82009	13.4288	0.97747	1.72439	0.00705	0.0329284	yes
mRNA	CA03g33110	Pepper1.55ch03:251288723-251294237	TC	TD	OK	17.3295	43.0526	1.31287	2.51396	5.00E-05	0.0007276	yes
mRNA	CA03g33130	Pepper1.55ch03:251300638-251303038	TC	TD	OK	6.44629	14.9123	1.20996	2.24344	0.00305	0.0176148	yes
mRNA	CA03g33230	Pepper1.55ch03:251427518-251427743	TC	TD	OK	131.884	28.2964	-2.22057	-12.672	0.00055	0.0048567	yes
mRNA	CA03g33250	Pepper1.55ch03:251461932-251462214	TC	TD	OK	271.691	99.6802	-1.44659	-7.6104	5.00E-05	0.0007276	yes
mRNA	CA03g33260	Pepper1.55ch03:251462947-251467695	TC	TD	OK	3.05144	1.06947	-1.5126	-2.244	0.00075	0.0061114	yes
mRNA	CA03g33290	Pepper1.55ch03:251492687-251493899	TC	TD	OK	19.401	36.8407	0.92517	2.05904	0.01005	0.0423171	yes
mRNA	CA03g33300	Pepper1.55ch03:251496698-251500714	TC	TD	OK	32.3501	72.8756	1.17166	2.33149	0.00075	0.0061114	yes
mRNA	CA03g33410	Pepper1.55ch03:251643742-251654515	TC	TD	OK	4.35607	15.4495	1.82646	3.32862	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA03g33440	Pepper1.55ch03:251731409-251734829	TC	TD	OK	24.3662	53.1665	1.12564	2.2653	0.0013	0.0093599	yes
mRNA	CA03g33460	Pepper1.55ch03:251779100-251780354	TC	TD	OK	4.11684	1.47047	-1.48526	-2.2169	0.00615	0.0297658	yes
mRNA	CA03g33590	Pepper1.55ch03:251989409-251989781	TC	TD	OK	19.3973	192.996	3.31464	9.53824	5.00E-05	0.0007276	yes
mRNA	CA03g33720	Pepper1.55ch03:252166539-252167268	TC	TD	OK	94.866	170.738	0.84782	1.9292	0.0117	0.0472983	yes
mRNA	CA03g33750	Pepper1.55ch03:252187341-252193898	TC	TD	OK	8.98116	2.67988	-1.74473	-2.7747	0.0004	0.0038157	yes
mRNA	CA03g33780	Pepper1.55ch03:252244630-252246043	TC	TD	OK	71.2113	180.642	1.34295	2.21977	0.0008	0.0064526	yes
mRNA	CA03g33820	Pepper1.55ch03:252342619-252350866	TC	TD	OK	9.03968	21.4226	1.24479	2.54489	0.0026	0.0156946	yes
mRNA	CA03g33860	Pepper1.55ch03:252430388-252439132	TC	TD	OK	31.1328	75.6917	1.2817	2.47798	0.0003	0.0030405	yes
mRNA	CA03g33920	Pepper1.55ch03:252591747-252597273	TC	TD	OK	25.2604	68.8752	1.44711	2.67669	0.0001	0.0012767	yes
mRNA	CA03g33970	Pepper1.55ch03:252723255-252725262	TC	TD	OK	5.62823	23.9217	2.08757	4.54223	0.00015	0.0017852	yes
mRNA	CA03g34040	Pepper1.55ch03:252860594-252863756	TC	TD	OK	5.648	2.07293	-1.44607	-2.4753	0.00035	0.0034365	yes
mRNA	CA03g34060	Pepper1.55ch03:252880947-252884341	TC	TD	OK	3.52318	1.18041	-1.57759	-2.285	0.001	0.0076526	yes
mRNA	CA03g34100	Pepper1.55ch03:252907926-252911551	TC	TD	OK	103.919	46.3206	-1.16573	-2.4692	0.00055	0.0048567	yes
mRNA	CA03g34150	Pepper1.55ch03:252998107-253001137	TC	TD	OK	4.75226	9.29085	0.9672	1.72955	0.00935	0.0401997	yes
mRNA	CA03g34190	Pepper1.55ch03:253060489-253062325	TC	TD	OK	33.3145	8.98584	-1.89043	-3.6423	5.00E-05	0.0007276	yes
mRNA	CA03g34240	Pepper1.55ch03:253118671-253119589	TC	TD	OK	1091.84	330.281	-1.725	-2.7341	5.00E-05	0.0007276	yes
mRNA	CA03g34310	Pepper1.55ch03:253166576-253167188	TC	TD	OK	15.4183	30.0142	0.961	2.09927	0.0121	0.0485512	yes
mRNA	CA03g34340	Pepper1.55ch03:253178319-253178655	TC	TD	OK	29.5132	96.627	1.71107	5.39688	0.0001	0.0012767	yes
mRNA	CA03g34450	Pepper1.55ch03:253426795-253428163	TC	TD	OK	41.144	95.6772	1.21749	2.41773	0.0004	0.0038157	yes
mRNA	CA03g34480	Pepper1.55ch03:253469875-253470943	TC	TD	OK	100.107	332.073	1.72995	2.64191	0.0001	0.0012767	yes
mRNA	CA03g34490	Pepper1.55ch03:253476618-253477701	TC	TD	OK	20.9309	95.2165	2.18558	3.77339	5.00E-05	0.0007276	yes
mRNA	CA03g34530	Pepper1.55ch03:253578856-253580858	TC	TD	OK	9.37662	2.22419	-2.07579	-3.0169	0.0086	0.0379814	yes
mRNA	CA03g34540	Pepper1.55ch03:253590719-253591704	TC	TD	OK	26.2177	578.655	4.46409	10.0402	5.00E-05	0.0007276	yes
mRNA	CA03g34620	Pepper1.55ch03:253662744-253668506	TC	TD	OK	7.90198	15.7504	0.9951	1.82091	0.00535	0.0268407	yes
mRNA	CA03g34630	Pepper1.55ch03:253670423-253671957	TC	TD	OK	3528.82	1491.07	-1.24283	-2.2766	0.01	0.0421536	yes
mRNA	CA03g34670	Pepper1.55ch03:253728150-253728831	TC	TD	OK	11.1453	39.157	1.81283	3.86051	5.00E-05	0.0007276	yes
mRNA	CA03g34730	Pepper1.55ch03:253803107-253803629	TC	TD	OK	75.1014	18.7395	-2.00276	-5.8109	5.00E-05	0.0007276	yes
mRNA	CA03g34870	Pepper1.55ch03:253924596-253927836	TC	TD	OK	10.7924	29.4976	1.45058	2.98855	0.0001	0.0012767	yes
mRNA	CA03g34900	Pepper1.55ch03:253942488-253943789	TC	TD	OK	30.4888	78.983	1.37326	4.39968	0.0006	0.0051829	yes
mRNA	CA03g34910	Pepper1.55ch03:253953741-253958554	TC	TD	OK	12.9114	27.5256	1.09213	2.12978	0.00215	0.0136155	yes
mRNA	CA03g34980	Pepper1.55ch03:254044696-254045497	TC	TD	OK	45.3345	356.106	2.97363	5.97262	5.00E-05	0.0007276	yes

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mRNA	CA03g35010	Pepper1.55ch03:254068854-254070603	TC	TD	OK	52.0197	198.057	1.92878	5.30523	5.00E-05	0.0007276	yes
mRNA	CA03g35050	Pepper1.55ch03:254098065-254098971	TC	TD	OK	12.2919	5.60256	-1.13355	-2.1014	0.00775	0.0352806	yes
mRNA	CA03g35060	Pepper1.55ch03:254111929-254119566	TC	TD	OK	14.4117	5.5097	-1.38719	-2.5344	0.00015	0.0017852	yes
mRNA	CA03g35080	Pepper1.55ch03:254135329-254135947	TC	TD	OK	17.0393	36.1091	1.0835	2.45694	0.00495	0.0254516	yes
mRNA	CA03g35100	Pepper1.55ch03:254214924-254216305	TC	TD	OK	38.8639	5.45066	-2.83393	-5.5431	5.00E-05	0.0007276	yes
mRNA	CA03g35110	Pepper1.55ch03:254241675-254242730	TC	TD	OK	685.603	1892.33	1.46472	2.34184	0.0017	0.0114072	yes
mRNA	CA03g35150	Pepper1.55ch03:254405242-254407819	TC	TD	OK	53.0665	133.336	1.3292	2.51591	0.0003	0.0030405	yes
mRNA	CA03g35160	Pepper1.55ch03:254447657-254454154	TC	TD	OK	9.79592	4.24094	-1.2078	-2.1952	0.0005	0.0045156	yes
mRNA	CA03g35180	Pepper1.55ch03:254486468-254490810	TC	TD	OK	49.3703	124.634	1.33598	2.29497	0.0004	0.0038157	yes
mRNA	CA03g35210	Pepper1.55ch03:254507945-254509133	TC	TD	OK	14.0722	26.1838	0.89583	1.74219	0.01235	0.0493706	yes
mRNA	CA03g35220	Pepper1.55ch03:254534119-254534494	TC	TD	OK	14.6007	32.3214	1.14645	3.01406	0.00995	0.042025	yes
mRNA	CA03g35240	Pepper1.55ch03:254542643-254544965	TC	TD	OK	29.7295	12.1952	-1.28558	-2.4176	0.00015	0.0017852	yes
mRNA	CA03g35310	Pepper1.55ch03:254638754-254640593	TC	TD	OK	9.2477	19.0446	1.04221	1.94757	0.00255	0.0155107	yes
mRNA	CA03g35350	Pepper1.55ch03:254795400-254799105	TC	TD	OK	17.964	34.9894	0.96181	1.95578	0.0046	0.0241037	yes
mRNA	CA03g35410	Pepper1.55ch03:254849370-254850849	TC	TD	OK	14.1332	34.5004	1.28752	2.47514	0.00025	0.0026513	yes
mRNA	CA03g35440	Pepper1.55ch03:254957612-254963128	TC	TD	OK	14.3761	34.3285	1.25573	2.3441	0.00025	0.0026513	yes
mRNA	CA03g35490	Pepper1.55ch03:255047191-255055514	TC	TD	OK	30.1994	76.7568	1.34578	2.48014	0.00035	0.0034365	yes
mRNA	CA03g35500	Pepper1.55ch03:255064504-255072466	TC	TD	OK	4.12861	11.6003	1.49044	2.56111	0.00075	0.0061114	yes
mRNA	CA03g35520	Pepper1.55ch03:255087133-255089238	TC	TD	OK	24.2107	53.1331	1.13397	2.23011	0.0006	0.0051829	yes
mRNA	CA03g35530	Pepper1.55ch03:255094199-255094520	TC	TD	OK	351.758	924.124	1.3935	5.59158	0.00025	0.0026513	yes
mRNA	CA03g35540	Pepper1.55ch03:255096937-255098650	TC	TD	OK	17.8185	50.9259	1.51502	2.76388	0.00025	0.0026513	yes
mRNA	CA03g35550	Pepper1.55ch03:255102502-255106233	TC	TD	OK	41.4968	128.168	1.62696	3.08869	5.00E-05	0.0007276	yes
mRNA	CA03g35570	Pepper1.55ch03:255117263-255117824	TC	TD	OK	246.738	485.693	0.97707	2.28886	0.0042	0.0224124	yes
mRNA	CA03g35660	Pepper1.55ch03:255226815-255229596	TC	TD	OK	1.4973	7.83304	2.38721	3.13621	0.00185	0.0121861	yes
mRNA	CA03g35760	Pepper1.55ch03:255420396-255421173	TC	TD	OK	35.2068	3.72579	-3.24023	-5.8263	0.00085	0.0067798	yes
mRNA	CA03g35910	Pepper1.55ch03:255766756-255767449	TC	TD	OK	299.798	814.618	1.44213	3.74018	0.0003	0.0030405	yes
mRNA	CA03g35920	Pepper1.55ch03:255774681-255775741	TC	TD	OK	52.4619	7.21754	-2.86169	-5.4707	5.00E-05	0.0007276	yes
mRNA	CA03g36040	Pepper1.55ch03:255948132-255948596	TC	TD	OK	3919.45	9995.44	1.35062	10.5586	0.0026	0.0156946	yes
mRNA	CA03g36070	Pepper1.55ch03:255966211-255981545	TC	TD	OK	4.51661	1.77774	-1.34519	-2.3083	0.0005	0.0045156	yes
mRNA	CA03g36160	Pepper1.55ch03:256175864-256179351	TC	TD	OK	3.24532	6.65637	1.03637	1.79112	0.0071	0.0331107	yes
mRNA	CA03g36180	Pepper1.55ch03:256191671-256192211	TC	TD	OK	146.497	299.309	1.03077	2.89457	0.0025	0.0152991	yes

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mRNA	CA03g36350	Pepper1.55ch03:256442046-256445955	TC	TD	OK	38.1978	5.21561	-2.87258	-5.0537	5.00E-05	0.0007276	yes
mRNA	CA03g36530	Pepper1.55ch03:256851957-256855133	TC	TD	OK	25.02	12.0037	-1.05961	-2.0311	0.0042	0.0224124	yes
mRNA	CA03g36560	Pepper1.55ch03:256910636-256916527	TC	TD	OK	40.1487	77.0677	0.94077	2.12834	0.0055	0.0273839	yes
mRNA	CA03g36690	Pepper1.55ch03:257174400-257178149	TC	TD	OK	4.36426	1.56708	-1.47766	-2.3599	0.00055	0.0048567	yes
mRNA	CA03g36790	Pepper1.55ch03:257310298-257313228	TC	TD	OK	29.1038	10.1148	-1.52473	-2.7941	5.00E-05	0.0007276	yes
mRNA	CA03g36900	Pepper1.55ch03:257487768-257491185	TC	TD	OK	68.232	29.976	-1.18664	-2.4512	0.00065	0.005483	yes
mRNA	CA03g36930	Pepper1.55ch03:257522599-257523394	TC	TD	OK	7.82494	59.2631	2.92098	5.34835	5.00E-05	0.0007276	yes
mRNA	CA03g37000	Pepper1.55ch03:257601943-257608886	TC	TD	OK	114.841	473.269	2.04303	3.61063	5.00E-05	0.0007276	yes
mRNA	CA03g37070	Pepper1.55ch03:257713114-257713896	TC	TD	OK	1056.74	345.114	-1.61448	-3.9257	5.00E-05	0.0007276	yes
mRNA	CA03g37130	Pepper1.55ch03:257803444-257805816	TC	TD	OK	9.20453	3.65716	-1.33162	-2.2334	0.0005	0.0045156	yes
mRNA	CA04g00110	Pepper1.55ch04:57119-59222	TC	TD	OK	7.93085	3.78812	-1.06599	-1.8141	0.00575	0.0283018	yes
mRNA	CA04g00130	Pepper1.55ch04:63423-67585	TC	TD	OK	5.4936	1.78067	-1.62533	-2.6108	0.0012	0.008808	yes
mRNA	CA04g00210	Pepper1.55ch04:124333-124681	TC	TD	OK	13.7111	59.4084	2.11532	6.2875	0.00035	0.0034365	yes
mRNA	CA04g00240	Pepper1.55ch04:152232-158119	TC	TD	OK	36.1107	13.0908	-1.46387	-2.8532	0.0001	0.0012767	yes
mRNA	CA04g00310	Pepper1.55ch04:238092-239748	TC	TD	OK	5.02043	16.7257	1.73619	3.04366	5.00E-05	0.0007276	yes
mRNA	CA04g00360	Pepper1.55ch04:293237-305712	TC	TD	OK	15.2015	27.677	0.86447	1.70388	0.00945	0.0405027	yes
mRNA	CA04g00400	Pepper1.55ch04:478279-492010	TC	TD	OK	55.1009	139.073	1.33569	3.00161	0.00025	0.0026513	yes
mRNA	CA04g00420	Pepper1.55ch04:519352-531202	TC	TD	OK	12.2859	34.8287	1.50327	2.72722	5.00E-05	0.0007276	yes
mRNA	CA04g00440	Pepper1.55ch04:553788-561971	TC	TD	OK	1.60346	10.3482	2.69012	4.38646	5.00E-05	0.0007276	yes
mRNA	CA04g00730	Pepper1.55ch04:986834-995603	TC	TD	OK	109.413	49.0974	-1.15606	-2.2772	0.00125	0.0090735	yes
mRNA	CA04g00870	Pepper1.55ch04:1199464-1202189	TC	TD	OK	11.1953	3.99431	-1.48687	-2.9346	0.00875	0.0383967	yes
mRNA	CA04g02450	Pepper1.55ch04:7900689-7905832	TC	TD	OK	11.1945	38.093	1.76674	3.30012	5.00E-05	0.0007276	yes
mRNA	CA04g02460	Pepper1.55ch04:7922497-7922965	TC	TD	OK	12.3212	130.063	3.39999	9.3203	5.00E-05	0.0007276	yes
mRNA	CA04g02660	Pepper1.55ch04:8413677-8420125	TC	TD	OK	2.31553	20.3709	3.1371	5.12166	5.00E-05	0.0007276	yes
mRNA	CA04g02690	Pepper1.55ch04:8476613-8481619	TC	TD	OK	3.59393	7.71332	1.10179	1.85967	0.00825	0.0369329	yes
mRNA	CA04g02720	Pepper1.55ch04:8553041-8556271	TC	TD	OK	1.14729	7.20527	2.65083	3.5647	5.00E-05	0.0007276	yes
mRNA	CA04g02730	Pepper1.55ch04:8562347-8565723	TC	TD	OK	49.6838	134.221	1.43376	2.98833	0.0001	0.0012767	yes
mRNA	CA04g02940	Pepper1.55ch04:8835424-8838288	TC	TD	OK	5.45568	18.503	1.76193	3.49698	0.00055	0.0048567	yes
mRNA	CA04g03380	Pepper1.55ch04:10260511-10263279	TC	TD	OK	2.81199	6.50985	1.21103	1.92295	0.0018	0.0119506	yes
mRNA	CA04g03400	Pepper1.55ch04:10284843-10285488	TC	TD	OK	8.49347	3797.9	8.80463	16.6695	5.00E-05	0.0007276	yes
mRNA	CA04g03410	Pepper1.55ch04:10293628-10297440	TC	TD	OK	4.96221	23.6948	2.25551	3.63131	5.00E-05	0.0007276	yes

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mRNA	CA04g03420	Pepper1.55ch04:10297534-10297957	TC	TD	OK	10.8384	55.729	2.36227	6.07497	5.00E-05	0.0007276	yes
mRNA	CA04g03440	Pepper1.55ch04:10313124-10313631	TC	TD	OK	15.5066	38.9786	1.3298	3.25383	0.0033	0.0186798	yes
mRNA	CA04g03700	Pepper1.55ch04:11086424-11086718	TC	TD	OK	0	94.0312	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA04g04000	Pepper1.55ch04:12139183-12139753	TC	TD	OK	88.42	31.1304	-1.50605	-3.8286	5.00E-05	0.0007276	yes
mRNA	CA04g04010	Pepper1.55ch04:12164301-12166437	TC	TD	OK	47.4638	9.74124	-2.28465	-5.2607	5.00E-05	0.0007276	yes
mRNA	CA04g04050	Pepper1.55ch04:12325354-12325978	TC	TD	OK	6.63532	21.7426	1.71228	3.43894	0.00095	0.0073823	yes
mRNA	CA04g04090	Pepper1.55ch04:12388146-12392901	TC	TD	OK	10.0821	30.2702	1.5861	2.89617	0.0001	0.0012767	yes
mRNA	CA04g04140	Pepper1.55ch04:12583952-12588842	TC	TD	OK	3.27979	1.23621	-1.40769	-1.9925	0.00225	0.0140483	yes
mRNA	CA04g04510	Pepper1.55ch04:13731307-13735717	TC	TD	OK	18.5107	3.71175	-2.31819	-4.0431	5.00E-05	0.0007276	yes
mRNA	CA04g04810	Pepper1.55ch04:15039885-15054438	TC	TD	OK	3.8832	1.05234	-1.88364	-2.5517	0.00125	0.0090735	yes
mRNA	CA04g05160	Pepper1.55ch04:16128795-16130073	TC	TD	OK	47.8866	120.629	1.33288	2.87389	0.0001	0.0012767	yes
mRNA	CA04g05180	Pepper1.55ch04:16140134-16145317	TC	TD	OK	1.19486	2.78916	1.22299	1.74956	0.0067	0.0316462	yes
mRNA	CA04g05230	Pepper1.55ch04:16273229-16274009	TC	TD	OK	9.47839	19.1307	1.01318	1.87516	0.0113	0.0460638	yes
mRNA	CA04g05280	Pepper1.55ch04:16396809-16399735	TC	TD	OK	7.60936	1.72013	-2.14525	-3.1588	0.0001	0.0012767	yes
mRNA	CA04g05320	Pepper1.55ch04:16731065-16731785	TC	TD	OK	5.31679	14.2628	1.42363	2.77637	0.00295	0.0171555	yes
mRNA	CA04g05350	Pepper1.55ch04:16784753-16785764	TC	TD	OK	6.04912	2.07333	-1.54478	-2.2125	0.00555	0.0275691	yes
mRNA	CA04g05470	Pepper1.55ch04:17446240-17446459	TC	TD	OK	96.9698	339.48	1.80772	13.4644	5.00E-05	0.0007276	yes
mRNA	CA04g05480	Pepper1.55ch04:17454613-17455932	TC	TD	OK	19.0776	5.99855	-1.6692	-3.3385	0.00025	0.0026513	yes
mRNA	CA04g05570	Pepper1.55ch04:17601407-17603407	TC	TD	OK	8.83604	3.71258	-1.25098	-2.1516	0.00715	0.0332821	yes
mRNA	CA04g05580	Pepper1.55ch04:17664374-17674313	TC	TD	OK	7.95155	3.6383	-1.12797	-1.9189	0.01095	0.0450263	yes
mRNA	CA04g05680	Pepper1.55ch04:18242635-18245595	TC	TD	OK	41.8999	204.088	2.28418	5.02892	5.00E-05	0.0007276	yes
mRNA	CA04g05740	Pepper1.55ch04:18437908-18438499	TC	TD	OK	23.2551	47.4536	1.02897	2.64751	0.00625	0.0301434	yes
mRNA	CA04g05750	Pepper1.55ch04:18448950-18451641	TC	TD	OK	7.96093	1.93215	-2.04273	-2.6732	0.00735	0.0339617	yes
mRNA	CA04g06740	Pepper1.55ch04:37312061-37312538	TC	TD	OK	20.8806	50.2833	1.26792	3.17603	0.001	0.0076526	yes
mRNA	CA04g06830	Pepper1.55ch04:38509428-38509632	TC	TD	OK	0	23.3642	inf	nan	0.00015	0.0017852	yes
mRNA	CA04g06840	Pepper1.55ch04:38509982-38511539	TC	TD	OK	10.5939	25.9132	1.29045	2.86843	0.00175	0.0116752	yes
mRNA	CA04g06860	Pepper1.55ch04:39044099-39048814	TC	TD	OK	16.1081	6.17214	-1.38395	-2.7646	0.0013	0.0093599	yes
mRNA	CA04g07090	Pepper1.55ch04:41954988-41961052	TC	TD	OK	14.6534	7.32543	-1.00025	-1.9341	0.0118	0.0476006	yes
mRNA	CA04g07300	Pepper1.55ch04:45070884-45076141	TC	TD	OK	1.38435	4.81964	1.79972	2.78389	0.00125	0.0090735	yes
mRNA	CA04g07350	Pepper1.55ch04:45970776-45971520	TC	TD	OK	6.52987	23.3871	1.84059	3.57566	0.00025	0.0026513	yes
mRNA	CA04g07510	Pepper1.55ch04:47506831-47508276	TC	TD	OK	28.2827	86.4242	1.61152	3.79144	0.00025	0.0026513	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA04g07630	Pepper1.55ch04:49233740-49240602	TC	TD	OK	66.2623	140.318	1.08244	1.90669	0.00255	0.0155107	yes
mRNA	CA04g07730	Pepper1.55ch04:52034077-52038180	TC	TD	OK	4.81347	1.94133	-1.31003	-2.0867	0.0027	0.0160796	yes
mRNA	CA04g08120	Pepper1.55ch04:58923613-58927429	TC	TD	OK	42.3049	120.869	1.51455	2.79183	5.00E-05	0.0007276	yes
mRNA	CA04g08130	Pepper1.55ch04:59368906-59376917	TC	TD	OK	17.7857	32.9028	0.88749	1.69866	0.00915	0.0395993	yes
mRNA	CA04g08210	Pepper1.55ch04:61433637-61434987	TC	TD	OK	48.6855	113.832	1.22534	2.41726	0.00015	0.0017852	yes
mRNA	CA04g08230	Pepper1.55ch04:62013722-62022179	TC	TD	OK	121.637	311.429	1.35632	2.8031	5.00E-05	0.0007276	yes
mRNA	CA04g08380	Pepper1.55ch04:66496294-66497173	TC	TD	OK	20.4756	102.23	2.31984	5.38418	5.00E-05	0.0007276	yes
mRNA	CA04g08690	Pepper1.55ch04:77167798-77168723	TC	TD	OK	7.67168	1.91761	-2.00024	-2.9623	0.00245	0.015048	yes
mRNA	CA04g08700	Pepper1.55ch04:77315393-77319599	TC	TD	OK	10.0994	4.73916	-1.09156	-1.9802	0.00735	0.0339617	yes
mRNA	CA04g08890	Pepper1.55ch04:85300141-85302486	TC	TD	OK	4.26984	11.1296	1.38214	2.0765	0.00165	0.011156	yes
mRNA	CA04g08950	Pepper1.55ch04:86472422-86472791	TC	TD	OK	87.4221	42.7595	-1.03175	-3.4238	0.00665	0.0314889	yes
mRNA	CA04g09010	Pepper1.55ch04:86752417-86757473	TC	TD	OK	6.73599	13.9804	1.05344	1.9487	0.00725	0.0336025	yes
mRNA	CA04g09040	Pepper1.55ch04:86766638-86769753	TC	TD	OK	3.12792	8.58838	1.45718	2.28256	0.0044	0.0232494	yes
mRNA	CA04g09100	Pepper1.55ch04:87829660-87831190	TC	TD	OK	2.28005	5.49159	1.26816	2.04248	0.01245	0.0496651	yes
mRNA	CA04g09390	Pepper1.55ch04:96724234-96735045	TC	TD	OK	16.4428	32.065	0.96355	1.92448	0.007	0.0327557	yes
mRNA	CA04g09820	Pepper1.55ch04:105726414-105732846	TC	TD	OK	9.03389	4.04498	-1.15922	-2.1086	0.005	0.0256475	yes
mRNA	CA04g09840	Pepper1.55ch04:107335311-107336406	TC	TD	OK	23.2988	9.15509	-1.34761	-2.7293	0.00155	0.0107004	yes
mRNA	CA04g10210	Pepper1.55ch04:118275697-118278917	TC	TD	OK	31.9307	8.92964	-1.83827	-3.8244	5.00E-05	0.0007276	yes
mRNA	CA04g10470	Pepper1.55ch04:128749070-128751671	TC	TD	OK	6.39878	2.5628	-1.32007	-2.1521	0.0022	0.0138219	yes
mRNA	CA04g10490	Pepper1.55ch04:129539001-129541223	TC	TD	OK	30.0752	184.665	2.61827	5.0937	5.00E-05	0.0007276	yes
mRNA	CA04g10760	Pepper1.55ch04:133234002-133238439	TC	TD	OK	7.98706	3.8411	-1.05615	-1.8946	0.00565	0.0279371	yes
mRNA	CA04g10890	Pepper1.55ch04:137895207-137902971	TC	TD	OK	20.518	10.5496	-0.9597	-1.8071	0.0045	0.0236701	yes
mRNA	CA04g10950	Pepper1.55ch04:140230233-140235120	TC	TD	OK	27.3975	11.6395	-1.23501	-2.6198	0.0005	0.0045156	yes
mRNA	CA04g11150	Pepper1.55ch04:144283011-144288269	TC	TD	OK	75.7367	29.79	-1.34616	-2.645	0.0002	0.0022357	yes
mRNA	CA04g11250	Pepper1.55ch04:145241405-145242956	TC	TD	OK	31.1197	65.1578	1.06611	2.21533	0.00145	0.0101871	yes
mRNA	CA04g11350	Pepper1.55ch04:146399664-146431425	TC	TD	OK	6.65524	2.07424	-1.68191	-2.5209	0.0063	0.0303071	yes
mRNA	CA04g11400	Pepper1.55ch04:147353371-147357224	TC	TD	OK	4.85258	2.16257	-1.166	-1.8525	0.0082	0.0367964	yes
mRNA	CA04g11520	Pepper1.55ch04:153688361-153689648	TC	TD	OK	5.78966	12.1475	1.06911	1.94915	0.0063	0.0303071	yes
mRNA	CA04g11550	Pepper1.55ch04:153833949-153838181	TC	TD	OK	4.78914	10.8516	1.18007	2.12418	0.0107	0.0442636	yes
mRNA	CA04g11620	Pepper1.55ch04:154837965-154843564	TC	TD	OK	46.1364	21.3281	-1.11315	-2.241	0.0013	0.0093599	yes
mRNA	CA04g11780	Pepper1.55ch04:165221453-165221942	TC	TD	OK	9.8826	1.87549	-2.39762	-3.1492	0.00235	0.0145463	yes

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mRNA	CA04g12110	Pepper1.55ch04:170198760-170200722	TC	TD	OK	198.741	432.245	1.12096	1.74344	0.0048	0.0248838	yes
mRNA	CA04g12130	Pepper1.55ch04:170373483-170376561	TC	TD	OK	54.6725	121.367	1.15049	2.47569	0.0008	0.0064526	yes
mRNA	CA04g12160	Pepper1.55ch04:170396881-170398114	TC	TD	OK	65.0849	226.802	1.80104	3.58838	5.00E-05	0.0007276	yes
mRNA	CA04g12190	Pepper1.55ch04:171878074-171881305	TC	TD	OK	2.05485	10.6483	2.37353	3.61314	0.00075	0.0061114	yes
mRNA	CA04g12260	Pepper1.55ch04:172112167-172112839	TC	TD	OK	4.35337	10.2618	1.23707	2.15604	0.00845	0.0375387	yes
mRNA	CA04g12330	Pepper1.55ch04:172596606-172597290	TC	TD	OK	1.94289	6.67406	1.78036	2.63272	0.01085	0.0447248	yes
mRNA	CA04g12370	Pepper1.55ch04:173792310-173797562	TC	TD	OK	18.3136	5.39353	-1.76362	-3.0158	0.0006	0.0051829	yes
mRNA	CA04g12510	Pepper1.55ch04:175323073-175323349	TC	TD	OK	76.2102	29.6717	-1.3609	-5.556	0.00415	0.0222637	yes
mRNA	CA04g12600	Pepper1.55ch04:176157232-176178501	TC	TD	OK	37.1831	15.6953	-1.24431	-2.3205	0.00035	0.0034365	yes
mRNA	CA04g12640	Pepper1.55ch04:176361991-176363032	TC	TD	OK	21.73	121.087	2.47828	4.53777	5.00E-05	0.0007276	yes
mRNA	CA04g12660	Pepper1.55ch04:177150324-177159045	TC	TD	OK	16.2236	31.1515	0.94121	1.71743	0.0055	0.0273839	yes
mRNA	CA04g12690	Pepper1.55ch04:177576254-177576500	TC	TD	OK	0	56.0814	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA04g12800	Pepper1.55ch04:178612351-178621521	TC	TD	OK	12.6695	26.2326	1.05001	1.92865	0.0026	0.0156946	yes
mRNA	CA04g12810	Pepper1.55ch04:178794592-178797645	TC	TD	OK	13.5291	26.7705	0.98457	1.98993	0.0059	0.0288332	yes
mRNA	CA04g12890	Pepper1.55ch04:179383522-179384560	TC	TD	OK	10.7733	33.0694	1.61804	3.39664	5.00E-05	0.0007276	yes
mRNA	CA04g13070	Pepper1.55ch04:181114921-181116218	TC	TD	OK	310.136	713.358	1.20172	2.67712	0.0016	0.0109355	yes
mRNA	CA04g13110	Pepper1.55ch04:181430240-181433863	TC	TD	OK	210.7	1408.37	2.74076	4.63733	5.00E-05	0.0007276	yes
mRNA	CA04g13160	Pepper1.55ch04:181732317-181733466	TC	TD	OK	26.7596	70.0758	1.38886	2.90819	5.00E-05	0.0007276	yes
mRNA	CA04g13200	Pepper1.55ch04:181871101-181873451	TC	TD	OK	0.92522	10.0882	3.44673	4.18522	5.00E-05	0.0007276	yes
mRNA	CA04g13210	Pepper1.55ch04:181878357-181884025	TC	TD	OK	30.7726	99.4105	1.69175	3.28135	5.00E-05	0.0007276	yes
mRNA	CA04g13540	Pepper1.55ch04:186807284-186810142	TC	TD	OK	8.78522	17.5057	0.99467	1.7017	0.0088	0.0385265	yes
mRNA	CA04g13600	Pepper1.55ch04:187342265-187344487	TC	TD	OK	8.70162	176.155	4.33941	6.89934	5.00E-05	0.0007276	yes
mRNA	CA04g13630	Pepper1.55ch04:187569839-187573091	TC	TD	OK	37.0895	71.0575	0.93798	1.81406	0.00975	0.0414121	yes
mRNA	CA04g13850	Pepper1.55ch04:189636455-189636989	TC	TD	OK	12.0331	137.292	3.51217	6.67462	5.00E-05	0.0007276	yes
mRNA	CA04g13860	Pepper1.55ch04:189637326-189638160	TC	TD	OK	21.0389	163.375	2.95706	5.56209	5.00E-05	0.0007276	yes
mRNA	CA04g13920	Pepper1.55ch04:190671065-190672778	TC	TD	OK	1.33508	5.57815	2.06286	2.58752	0.00815	0.0366701	yes
mRNA	CA04g14030	Pepper1.55ch04:191426577-191429400	TC	TD	OK	164.45	633.255	1.94513	3.94688	5.00E-05	0.0007276	yes
mRNA	CA04g14070	Pepper1.55ch04:192553511-192554309	TC	TD	OK	13.4156	4.86207	-1.46427	-2.5827	0.0021	0.0134057	yes
mRNA	CA04g14160	Pepper1.55ch04:192983416-192984392	TC	TD	OK	626.02	1330.08	1.08724	1.96967	0.0093	0.0400875	yes
mRNA	CA04g14220	Pepper1.55ch04:193240772-193241249	TC	TD	OK	29.6087	10.0799	-1.55454	-3.7697	0.0012	0.008808	yes
mRNA	CA04g14250	Pepper1.55ch04:193579676-193580096	TC	TD	OK	53.9015	174.72	1.69665	5.3782	0.0001	0.0012767	yes

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mRNA	CA04g14270	Pepper1.55ch04:193758825-193766263	TC	TD	OK	21.4973	40.8736	0.92702	1.81168	0.0055	0.0273839	yes
mRNA	CA04g14430	Pepper1.55ch04:193817459-193819707	TC	TD	OK	24.0041	6.63648	-1.85479	-3.1717	5.00E-05	0.0007276	yes
mRNA	CA04g14740	Pepper1.55ch04:195634859-195637829	TC	TD	OK	66.4849	140.103	1.07538	1.97258	0.00185	0.0121861	yes
mRNA	CA04g14840	Pepper1.55ch04:195993683-195997050	TC	TD	OK	0.84162	6.09395	2.85614	3.53067	0.0001	0.0012767	yes
mRNA	CA04g14850	Pepper1.55ch04:196146490-196148950	TC	TD	OK	0.65702	5.78049	3.13719	3.56176	0.00025	0.0026513	yes
mRNA	CA04g14930	Pepper1.55ch04:196666911-196672059	TC	TD	OK	9.41863	19.8239	1.07365	1.93509	0.00485	0.024997	yes
mRNA	CA04g15010	Pepper1.55ch04:196905277-196913954	TC	TD	OK	13.0606	5.31068	-1.29825	-2.3192	0.0003	0.0030405	yes
mRNA	CA04g15040	Pepper1.55ch04:197013559-197015849	TC	TD	OK	12.312	5.17117	-1.25151	-2.2938	0.00255	0.0155107	yes
mRNA	CA04g15050	Pepper1.55ch04:197053394-197054773	TC	TD	OK	8.4079	2.60672	-1.68951	-3.0324	0.00065	0.005483	yes
mRNA	CA04g15170	Pepper1.55ch04:197566906-197579041	TC	TD	OK	5.37194	0.84932	-2.66106	-4.0661	0.00015	0.0017852	yes
mRNA	CA04g15230	Pepper1.55ch04:198357292-198365670	TC	TD	OK	6.52862	14.4265	1.14387	2.15286	0.00285	0.0166768	yes
mRNA	CA04g15370	Pepper1.55ch04:199359477-199359798	TC	TD	OK	810.325	145.935	-2.47318	-17.522	5.00E-05	0.0007276	yes
mRNA	CA04g15570	Pepper1.55ch04:201528770-201530700	TC	TD	OK	310.329	737.991	1.2498	2.72264	0.0006	0.0051829	yes
mRNA	CA04g15690	Pepper1.55ch04:202637569-202638061	TC	TD	OK	104.804	396.948	1.92125	5.03367	5.00E-05	0.0007276	yes
mRNA	CA04g15720	Pepper1.55ch04:202741067-202741925	TC	TD	OK	41.8629	13.3015	-1.65409	-3.5567	0.00045	0.0041816	yes
mRNA	CA04g15840	Pepper1.55ch04:203208199-203209709	TC	TD	OK	22.0016	42.7524	0.9584	2.10315	0.0058	0.0284366	yes
mRNA	CA04g15860	Pepper1.55ch04:203227238-203228652	TC	TD	OK	268.211	136.271	-0.97689	-3.3535	0.004	0.0216981	yes
mRNA	CA04g15890	Pepper1.55ch04:203309407-203314510	TC	TD	OK	7.5424	2.31156	-1.70616	-2.4683	0.0027	0.0160796	yes
mRNA	CA04g15920	Pepper1.55ch04:203422729-203423931	TC	TD	OK	132.616	58.9427	-1.16987	-3.2116	0.0016	0.0109355	yes
mRNA	CA04g15930	Pepper1.55ch04:203468238-203469622	TC	TD	OK	13.5984	2.67699	-2.34475	-3.4895	0.0076	0.0347972	yes
mRNA	CA04g15970	Pepper1.55ch04:203761009-203763579	TC	TD	OK	151.15	67.6326	-1.16019	-2.6703	0.0022	0.0138219	yes
mRNA	CA04g16070	Pepper1.55ch04:204162142-204163846	TC	TD	OK	61.7268	20.3986	-1.59743	-3.0878	5.00E-05	0.0007276	yes
mRNA	CA04g16080	Pepper1.55ch04:204179056-204179275	TC	TD	OK	136.476	668.007	2.29122	19.6818	5.00E-05	0.0007276	yes
mRNA	CA04g16090	Pepper1.55ch04:204197777-204206241	TC	TD	OK	18.377	45.1282	1.29613	2.17527	0.0003	0.0030405	yes
mRNA	CA04g16190	Pepper1.55ch04:205227036-205237254	TC	TD	OK	3.82273	0.8323	-2.19944	-3.3015	5.00E-05	0.0007276	yes
mRNA	CA04g16200	Pepper1.55ch04:205237821-205239112	TC	TD	OK	18.0681	6.41532	-1.49385	-2.856	0.00075	0.0061114	yes
mRNA	CA04g16240	Pepper1.55ch04:205375000-205375378	TC	TD	OK	9.44036	50.9963	2.43348	6.3631	5.00E-05	0.0007276	yes
mRNA	CA04g16490	Pepper1.55ch04:205979973-205981901	TC	TD	OK	88.877	36.2453	-1.29402	-2.9409	0.00035	0.0034365	yes
mRNA	CA04g16560	Pepper1.55ch04:206609090-206610741	TC	TD	OK	38.472	96.0722	1.32031	2.30447	0.0003	0.0030405	yes
mRNA	CA04g16590	Pepper1.55ch04:206686348-206692646	TC	TD	OK	56.2824	20.4669	-1.45939	-2.7726	0.0001	0.0012767	yes
mRNA	CA04g16600	Pepper1.55ch04:206720866-206731216	TC	TD	OK	12.4037	5.90667	-1.07035	-1.9809	0.00195	0.0126842	yes

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mRNA	CA04g16620	Pepper1.55ch04:206828543-206830274	TC	TD	OK	24.4305	91.2036	1.90041	4.69313	5.00E-05	0.0007276	yes
mRNA	CA04g16660	Pepper1.55ch04:206956403-206979641	TC	TD	OK	27.2385	121.758	2.16029	3.57386	5.00E-05	0.0007276	yes
mRNA	CA04g16680	Pepper1.55ch04:207032977-207034506	TC	TD	OK	10.8745	21.4575	0.98053	2.07071	0.00905	0.0392453	yes
mRNA	CA04g16810	Pepper1.55ch04:208129127-208132182	TC	TD	OK	0.52919	16.0736	4.92477	5.81687	5.00E-05	0.0007276	yes
mRNA	CA04g16850	Pepper1.55ch04:208186656-208190912	TC	TD	OK	9.61669	3.94598	-1.28516	-2.2853	0.0066	0.0313308	yes
mRNA	CA04g16870	Pepper1.55ch04:208226903-208230675	TC	TD	OK	62.1831	135.82	1.1271	2.10439	0.0022	0.0138219	yes
mRNA	CA04g16890	Pepper1.55ch04:208264045-208270663	TC	TD	OK	7.05176	14.3841	1.02842	2.01473	0.00585	0.0286352	yes
mRNA	CA04g16900	Pepper1.55ch04:208286902-208289627	TC	TD	OK	16.5289	29.8805	0.85422	1.72974	0.0097	0.0412694	yes
mRNA	CA04g17030	Pepper1.55ch04:208565180-208565901	TC	TD	OK	13.1672	146.818	3.47901	9.42285	5.00E-05	0.0007276	yes
mRNA	CA04g17070	Pepper1.55ch04:208796310-208796544	TC	TD	OK	86.6731	856.156	3.30422	20.524	5.00E-05	0.0007276	yes
mRNA	CA04g17120	Pepper1.55ch04:208905413-208911041	TC	TD	OK	34.9104	17.2507	-1.017	-1.9963	0.00285	0.0166768	yes
mRNA	CA04g17160	Pepper1.55ch04:209066011-209066632	TC	TD	OK	81.7852	232.724	1.50871	3.66088	5.00E-05	0.0007276	yes
mRNA	CA04g17180	Pepper1.55ch04:209109887-209111527	TC	TD	OK	149.296	411.452	1.46255	2.55485	0.0019	0.0124233	yes
mRNA	CA04g17260	Pepper1.55ch04:209506723-209508921	TC	TD	OK	1.80828	4.48818	1.31151	1.91758	0.01	0.0421536	yes
mRNA	CA04g17270	Pepper1.55ch04:209520240-209526770	TC	TD	OK	14.5705	45.4002	1.63965	3.31715	5.00E-05	0.0007276	yes
mRNA	CA04g17320	Pepper1.55ch04:209879049-209879520	TC	TD	OK	299.816	1212.44	2.01577	5.49169	5.00E-05	0.0007276	yes
mRNA	CA04g17340	Pepper1.55ch04:209938851-209939448	TC	TD	OK	20.2261	44.385	1.13385	2.52424	0.00245	0.015048	yes
mRNA	CA04g17500	Pepper1.55ch04:210140944-210147767	TC	TD	OK	2.95531	0.89336	-1.726	-2.4519	0.00065	0.005483	yes
mRNA	CA04g17530	Pepper1.55ch04:210267344-210270525	TC	TD	OK	12.8994	5.61714	-1.1994	-2.0984	0.0018	0.0119506	yes
mRNA	CA04g17710	Pepper1.55ch04:210890983-210895365	TC	TD	OK	34.8963	66.5035	0.93035	2.20877	0.0074	0.0340987	yes
mRNA	CA04g17720	Pepper1.55ch04:210908098-210908857	TC	TD	OK	29.958	84.5893	1.49753	3.23327	5.00E-05	0.0007276	yes
mRNA	CA04g17890	Pepper1.55ch04:211277273-211286662	TC	TD	OK	5.47809	15.1117	1.46392	2.61058	0.0003	0.0030405	yes
mRNA	CA04g17900	Pepper1.55ch04:211309121-211310677	TC	TD	OK	6.37735	2.49824	-1.35205	-2.1235	0.0057	0.0281107	yes
mRNA	CA04g17920	Pepper1.55ch04:211377960-211378449	TC	TD	OK	286.736	1241.24	2.11399	4.89969	5.00E-05	0.0007276	yes
mRNA	CA04g18050	Pepper1.55ch04:211847837-211848173	TC	TD	OK	35.683	106.346	1.57545	5.33474	0.0002	0.0022357	yes
mRNA	CA04g18080	Pepper1.55ch04:211947802-211950109	TC	TD	OK	45.1542	8.81759	-2.3564	-4.4951	5.00E-05	0.0007276	yes
mRNA	CA04g18120	Pepper1.55ch04:212009741-212011385	TC	TD	OK	24.5187	46.7593	0.93137	2.03253	0.0076	0.0347972	yes
mRNA	CA04g18150	Pepper1.55ch04:212034050-212036265	TC	TD	OK	3.83741	10.4841	1.45	2.54272	0.00065	0.005483	yes
mRNA	CA04g18160	Pepper1.55ch04:212162367-212165463	TC	TD	OK	108.337	58.7868	-0.88197	-1.9134	0.0099	0.0418842	yes
mRNA	CA04g18180	Pepper1.55ch04:212316647-212317633	TC	TD	OK	42.5411	97.0475	1.18984	6.19085	0.00875	0.0383967	yes
mRNA	CA04g18220	Pepper1.55ch04:212386843-212389092	TC	TD	OK	30.4673	58.6262	0.94428	1.74981	0.0087	0.0382775	yes

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mRNA	CA04g18290	Pepper1.55ch04:212656849-212658762	TC	TD	OK	2.53042	9.33014	1.88252	3.18749	5.00E-05	0.0007276	yes
mRNA	CA04g18310	Pepper1.55ch04:212731606-212732764	TC	TD	OK	11.071	47.1797	2.09139	4.27893	5.00E-05	0.0007276	yes
mRNA	CA04g18330	Pepper1.55ch04:212770420-212776470	TC	TD	OK	2.97376	0.75842	-1.97122	-2.5033	0.00215	0.0136155	yes
mRNA	CA04g18370	Pepper1.55ch04:212831275-212834201	TC	TD	OK	13.4574	38.1297	1.50251	3.33315	5.00E-05	0.0007276	yes
mRNA	CA04g18380	Pepper1.55ch04:212892403-212892853	TC	TD	OK	199.284	740.746	1.89416	5.51495	5.00E-05	0.0007276	yes
mRNA	CA04g18420	Pepper1.55ch04:212970804-212972858	TC	TD	OK	16.8253	6.0146	-1.48409	-2.6178	0.00205	0.0131645	yes
mRNA	CA04g18440	Pepper1.55ch04:213048130-213049519	TC	TD	OK	58.8714	10.2112	-2.52741	-5.5244	5.00E-05	0.0007276	yes
mRNA	CA04g18450	Pepper1.55ch04:213069381-213073480	TC	TD	OK	33.2993	67.0156	1.009	1.92142	0.00265	0.0158947	yes
mRNA	CA04g18520	Pepper1.55ch04:213150775-213152646	TC	TD	OK	153.709	476.093	1.63105	3.16726	5.00E-05	0.0007276	yes
mRNA	CA04g18530	Pepper1.55ch04:213155725-213160587	TC	TD	OK	49.7226	97.7294	0.97489	2.0846	0.00335	0.0189202	yes
mRNA	CA04g18620	Pepper1.55ch04:213370712-213373853	TC	TD	OK	23.6916	65.7338	1.47226	2.85172	0.0001	0.0012767	yes
mRNA	CA04g18630	Pepper1.55ch04:213401664-213402054	TC	TD	OK	8.64247	24.0149	1.47441	3.44854	0.00965	0.0411031	yes
mRNA	CA04g18770	Pepper1.55ch04:213651595-213653483	TC	TD	OK	1.21897	4.38177	1.84586	2.51327	0.00285	0.0166768	yes
mRNA	CA04g18780	Pepper1.55ch04:213668481-213671600	TC	TD	OK	6.84284	1.7954	-1.93029	-2.9146	5.00E-05	0.0007276	yes
mRNA	CA04g18790	Pepper1.55ch04:213672393-213675683	TC	TD	OK	6.05552	16.9027	1.48094	2.6235	5.00E-05	0.0007276	yes
mRNA	CA04g18820	Pepper1.55ch04:213693490-213697537	TC	TD	OK	12.148	6.01113	-1.01501	-1.8116	0.00665	0.0314889	yes
mRNA	CA04g18850	Pepper1.55ch04:213727812-213728709	TC	TD	OK	21.1034	65.7492	1.6395	3.61475	5.00E-05	0.0007276	yes
mRNA	CA04g18860	Pepper1.55ch04:213728971-213729514	TC	TD	OK	17.6916	65.3241	1.88455	4.86526	5.00E-05	0.0007276	yes
mRNA	CA04g18910	Pepper1.55ch04:213906566-213906836	TC	TD	OK	12.4852	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA04g19000	Pepper1.55ch04:214115519-214118366	TC	TD	OK	8.16403	1.61009	-2.34214	-3.2921	0.00105	0.0079626	yes
mRNA	CA04g19090	Pepper1.55ch04:214192622-214206951	TC	TD	OK	2.41761	15.0148	2.63474	4.52082	5.00E-05	0.0007276	yes
mRNA	CA04g19110	Pepper1.55ch04:214224085-214231407	TC	TD	OK	22.5721	12.2202	-0.88527	-1.75	0.00935	0.0401997	yes
mRNA	CA04g19190	Pepper1.55ch04:214398331-214401783	TC	TD	OK	9.48922	3.02348	-1.65008	-2.7335	0.00035	0.0034365	yes
mRNA	CA04g19310	Pepper1.55ch04:214556985-214560817	TC	TD	OK	6.98363	29.5443	2.08083	4.05026	5.00E-05	0.0007276	yes
mRNA	CA04g19350	Pepper1.55ch04:214637954-214638281	TC	TD	OK	76.1519	36.8611	-1.04678	-3.994	0.01205	0.0484021	yes
mRNA	CA04g19470	Pepper1.55ch04:214771737-214774249	TC	TD	OK	31.2946	15.213	-1.04061	-2.0991	0.00285	0.0166768	yes
mRNA	CA04g19520	Pepper1.55ch04:214825478-214830992	TC	TD	OK	17.9422	5.64429	-1.66849	-3.333	5.00E-05	0.0007276	yes
mRNA	CA04g19710	Pepper1.55ch04:215353677-215355927	TC	TD	OK	12.2432	175.393	3.84054	7.39833	5.00E-05	0.0007276	yes
mRNA	CA04g19770	Pepper1.55ch04:215442674-215444234	TC	TD	OK	28.2463	8.61398	-1.71331	-3.1954	5.00E-05	0.0007276	yes
mRNA	CA04g19880	Pepper1.55ch04:215636866-215644164	TC	TD	OK	9.25168	17.8356	0.94697	1.74496	0.0081	0.0365323	yes
mRNA	CA04g19940	Pepper1.55ch04:215853797-215855523	TC	TD	OK	8.52188	3.79554	-1.16687	-2.0234	0.01015	0.0426074	yes

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mRNA	CA04g20100	Pepper1.55ch04:216284166-216285450	TC	TD	OK	0.66444	8.02117	3.59361	3.37505	0.0032	0.0182162	yes
mRNA	CA04g20120	Pepper1.55ch04:216299966-216300938	TC	TD	OK	6.5788	2.44554	-1.42767	-2.103	0.00325	0.0184521	yes
mRNA	CA04g20140	Pepper1.55ch04:216380766-216381332	TC	TD	OK	1038.31	2163.14	1.05889	3.65202	0.00485	0.024997	yes
mRNA	CA04g20170	Pepper1.55ch04:216397155-216397890	TC	TD	OK	11.1406	22.9502	1.04268	2.08727	0.00895	0.0389796	yes
mRNA	CA04g20190	Pepper1.55ch04:216414048-216420586	TC	TD	OK	24.1527	53.2427	1.1404	2.29604	0.00115	0.0085407	yes
mRNA	CA04g20200	Pepper1.55ch04:216422081-216424600	TC	TD	OK	16.6335	6.96094	-1.25674	-2.5278	0.0028	0.0165058	yes
mRNA	CA04g20290	Pepper1.55ch04:216551075-216555221	TC	TD	OK	15.4682	6.35141	-1.28416	-2.4458	0.0008	0.0064526	yes
mRNA	CA04g20320	Pepper1.55ch04:216582379-216585698	TC	TD	OK	3.71344	7.73924	1.05944	1.83768	0.00995	0.042025	yes
mRNA	CA04g20330	Pepper1.55ch04:216647240-216655826	TC	TD	OK	23.1793	10.8482	-1.09539	-2.2682	0.00165	0.011156	yes
mRNA	CA04g20360	Pepper1.55ch04:216686040-216687615	TC	TD	OK	19.1346	7.59054	-1.33391	-2.8072	0.00565	0.0279371	yes
mRNA	CA04g20440	Pepper1.55ch04:216749557-216755889	TC	TD	OK	9.79205	20.1353	1.04004	1.85904	0.00185	0.0121861	yes
mRNA	CA04g20570	Pepper1.55ch04:216942563-216945103	TC	TD	OK	73.8582	163.189	1.14372	2.52802	0.0006	0.0051829	yes
mRNA	CA04g20580	Pepper1.55ch04:216967908-216968226	TC	TD	OK	59.9726	163.048	1.44292	6.11481	0.00015	0.0017852	yes
mRNA	CA04g20640	Pepper1.55ch04:217014379-217016173	TC	TD	OK	12.3725	5.025	-1.29994	-2.366	0.00215	0.0136155	yes
mRNA	CA04g20680	Pepper1.55ch04:217049257-217052529	TC	TD	OK	7.65135	2.7484	-1.47712	-2.3311	0.0032	0.0182162	yes
mRNA	CA04g20720	Pepper1.55ch04:217092855-217093872	TC	TD	OK	83.0992	183.687	1.14434	2.49161	0.00085	0.0067798	yes
mRNA	CA04g20730	Pepper1.55ch04:217096881-217103550	TC	TD	OK	34.7479	65.0549	0.90473	1.90619	0.0057	0.0281107	yes
mRNA	CA04g20810	Pepper1.55ch04:217225980-217228038	TC	TD	OK	6.28284	2.69379	-1.22178	-2.0234	0.0031	0.0178014	yes
mRNA	CA04g20820	Pepper1.55ch04:217232961-217234975	TC	TD	OK	2.45435	11.0382	2.16909	3.50183	0.0002	0.0022357	yes
mRNA	CA04g20830	Pepper1.55ch04:217237600-217239059	TC	TD	OK	1197.96	5264.78	2.13579	4.94036	5.00E-05	0.0007276	yes
mRNA	CA04g20840	Pepper1.55ch04:217249099-217251075	TC	TD	OK	46.5293	11.0139	-2.07881	-4.2885	5.00E-05	0.0007276	yes
mRNA	CA04g20850	Pepper1.55ch04:217258048-217260045	TC	TD	OK	6.61605	1.91424	-1.7892	-2.7011	0.00375	0.0206688	yes
mRNA	CA04g20930	Pepper1.55ch04:217337300-217339185	TC	TD	OK	19.7317	9.79776	-1.00999	-1.9985	0.007	0.0327557	yes
mRNA	CA04g20970	Pepper1.55ch04:217398734-217399433	TC	TD	OK	22.8124	10.4108	-1.13174	-2.3063	0.00495	0.0254516	yes
mRNA	CA04g21250	Pepper1.55ch04:218113136-218116448	TC	TD	OK	70.7768	14.589	-2.27839	-4.6662	5.00E-05	0.0007276	yes
mRNA	CA04g21290	Pepper1.55ch04:218274365-218276344	TC	TD	OK	9.97418	34.0703	1.77225	3.61202	5.00E-05	0.0007276	yes
mRNA	CA04g21300	Pepper1.55ch04:218282501-218284474	TC	TD	OK	22.0484	50.6521	1.19995	2.70975	0.0007	0.0057915	yes
mRNA	CA04g21330	Pepper1.55ch04:218327257-218327803	TC	TD	OK	17.5657	70.172	1.99814	4.52258	5.00E-05	0.0007276	yes
mRNA	CA04g21480	Pepper1.55ch04:218582906-218583398	TC	TD	OK	163.125	88.7906	-0.8775	-2.621	0.0087	0.0382775	yes
mRNA	CA04g21540	Pepper1.55ch04:219004763-219009842	TC	TD	OK	16.07	5.2102	-1.62496	-2.3422	0.00055	0.0048567	yes
mRNA	CA04g21560	Pepper1.55ch04:219021504-219025848	TC	TD	OK	19.2336	38.9271	1.01715	2.09272	0.00355	0.019776	yes

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mRNA	CA04g21580	Pepper1.55ch04:219094447-219095226	TC	TD	OK	34.9361	7.4669	-2.22614	-5.2623	0.00045	0.0041816	yes
mRNA	CA04g21610	Pepper1.55ch04:219261889-219266467	TC	TD	OK	18.72	6.88616	-1.44281	-2.5772	0.00025	0.0026513	yes
mRNA	CA04g21630	Pepper1.55ch04:219289883-219292330	TC	TD	OK	17.5828	5.15971	-1.7688	-3.7085	0.00555	0.0275691	yes
mRNA	CA04g21920	Pepper1.55ch04:219753475-219758580	TC	TD	OK	562.498	178.207	-1.65829	-2.3734	0.00035	0.0034365	yes
mRNA	CA04g21950	Pepper1.55ch04:219804590-219808746	TC	TD	OK	12.1037	5.33487	-1.18193	-2.1223	0.00155	0.0107004	yes
mRNA	CA04g22020	Pepper1.55ch04:219964393-219968898	TC	TD	OK	0.91913	14.0907	3.93833	4.63389	0.0028	0.0165058	yes
mRNA	CA04g22060	Pepper1.55ch04:220043590-220047710	TC	TD	OK	48.1029	117.666	1.2905	2.29876	0.00055	0.0048567	yes
mRNA	CA04g22110	Pepper1.55ch04:220123848-220126767	TC	TD	OK	180.833	47.8716	-1.91741	-4.4225	5.00E-05	0.0007276	yes
mRNA	CA04g22140	Pepper1.55ch04:220165497-220165860	TC	TD	OK	17.8051	53.1098	1.57669	4.70596	0.00045	0.0041816	yes
mRNA	CA04g22160	Pepper1.55ch04:220195185-220198732	TC	TD	OK	1.00202	6.06415	2.5974	3.4877	0.0002	0.0022357	yes
mRNA	CA04g22240	Pepper1.55ch04:220248779-220249253	TC	TD	OK	18.288	37.9332	1.05256	2.63384	0.009	0.0391184	yes
mRNA	CA04g22270	Pepper1.55ch04:220283172-220283916	TC	TD	OK	34.1998	120.036	1.81141	4.26149	5.00E-05	0.0007276	yes
mRNA	CA04g22380	Pepper1.55ch04:220462870-220464382	TC	TD	OK	7.64555	43.3877	2.50459	4.97253	5.00E-05	0.0007276	yes
mRNA	CA04g22510	Pepper1.55ch04:220609721-220613139	TC	TD	OK	1.84	8.98844	2.28836	3.60947	0.00015	0.0017852	yes
mRNA	CA04g22570	Pepper1.55ch04:220764803-220764971	TC	TD	OK	1523.09	674.276	-1.17559	-17.446	0.002	0.012937	yes
mRNA	CA04g22610	Pepper1.55ch04:220817391-220818939	TC	TD	OK	9.47823	4.21505	-1.16907	-2.2014	0.0119	0.0479015	yes
mRNA	CA04g22630	Pepper1.55ch04:220858529-220864450	TC	TD	OK	69.5652	210.472	1.59719	2.39434	0.0007	0.0057915	yes
mRNA	CA04g22640	Pepper1.55ch04:220868188-220875066	TC	TD	OK	15.9767	38.7093	1.27671	2.5684	0.0005	0.0045156	yes
mRNA	CA04g22730	Pepper1.55ch04:220962574-220968517	TC	TD	OK	22.2785	43.3402	0.96005	1.67273	0.0121	0.0485512	yes
mRNA	CA04g22740	Pepper1.55ch04:220970754-220973190	TC	TD	OK	7.21404	1.60895	-2.16468	-3.4174	0.0001	0.0012767	yes
mRNA	CA04g22790	Pepper1.55ch04:221035758-221039351	TC	TD	OK	7.18327	14.4678	1.01013	1.76928	0.00575	0.0283018	yes
mRNA	CA04g22850	Pepper1.55ch04:221090592-221095464	TC	TD	OK	14.2781	34.4696	1.27153	2.31762	0.00015	0.0017852	yes
mRNA	CA04g22860	Pepper1.55ch04:221103130-221104638	TC	TD	OK	1.80675	29.0721	4.00817	5.75456	5.00E-05	0.0007276	yes
mRNA	CA04g22890	Pepper1.55ch04:221146880-221148680	TC	TD	OK	6.3884	13.3657	1.06501	2.04958	0.0047	0.0244747	yes
mRNA	CA04g22920	Pepper1.55ch04:221199165-221203842	TC	TD	OK	84.0353	21.1858	-1.9879	-4.8639	5.00E-05	0.0007276	yes
mRNA	CA04g23300	Pepper1.55ch04:222018008-222022772	TC	TD	OK	34.0093	18.5102	-0.87761	-1.7772	0.0101	0.0424566	yes
mRNA	CA04g23310	Pepper1.55ch04:222023782-222028334	TC	TD	OK	147.526	513.611	1.79971	5.21727	5.00E-05	0.0007276	yes
mRNA	CA04g23420	Pepper1.55ch04:222115726-222120416	TC	TD	OK	181.161	473.239	1.3853	2.83693	0.0001	0.0012767	yes
mRNA	CA04g23490	Pepper1.55ch04:222179416-222181094	TC	TD	OK	38.1962	7.14537	-2.41835	-4.5818	5.00E-05	0.0007276	yes
mRNA	CA04g23530	Pepper1.55ch04:222200507-222206257	TC	TD	OK	171.425	584.726	1.77019	2.75203	0.0001	0.0012767	yes
mRNA	CA04g23600	Pepper1.55ch04:222244594-222245809	TC	TD	OK	7.56938	42.3316	2.48349	5.10071	5.00E-05	0.0007276	yes

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mRNA	CA04g23610	Pepper1.55ch04:222250927-222251557	TC	TD	OK	103.305	388.549	1.91119	4.57023	5.00E-05	0.0007276	yes
mRNA	CA04g23620	Pepper1.55ch04:222256836-222260533	TC	TD	OK	7.96428	3.45869	-1.20332	-2.0094	0.0077	0.035106	yes
mRNA	CA04g23690	Pepper1.55ch04:222316152-222322970	TC	TD	OK	6.81766	21.4335	1.65252	2.96982	5.00E-05	0.0007276	yes
mRNA	CA05g00130	Pepper1.55ch05:111893-112415	TC	TD	OK	84.4915	35.082	-1.26807	-2.6385	0.0012	0.008808	yes
mRNA	CA05g00200	Pepper1.55ch05:229561-234914	TC	TD	OK	7.92091	2.19568	-1.851	-3.0936	5.00E-05	0.0007276	yes
mRNA	CA05g00210	Pepper1.55ch05:240320-247046	TC	TD	OK	42.4165	98.747	1.21911	2.3645	0.0004	0.0038157	yes
mRNA	CA05g00290	Pepper1.55ch05:395878-396634	TC	TD	OK	92.1992	45.9892	-1.00346	-2.531	0.0038	0.0209139	yes
mRNA	CA05g00300	Pepper1.55ch05:403145-404552	TC	TD	OK	6.07361	1.68204	-1.85234	-2.9478	0.00125	0.0090735	yes
mRNA	CA05g00390	Pepper1.55ch05:490805-491809	TC	TD	OK	13.3542	76.5922	2.51991	6.92329	5.00E-05	0.0007276	yes
mRNA	CA05g00450	Pepper1.55ch05:540883-542049	TC	TD	OK	23.7997	6.80577	-1.80611	-4.0209	0.00155	0.0107004	yes
mRNA	CA05g00460	Pepper1.55ch05:548032-551467	TC	TD	OK	15.517	34.3119	1.14486	2.19716	0.0005	0.0045156	yes
mRNA	CA05g00540	Pepper1.55ch05:969557-972602	TC	TD	OK	7.71211	21.4192	1.47371	2.45283	0.00025	0.0026513	yes
mRNA	CA05g00570	Pepper1.55ch05:992738-999360	TC	TD	OK	17.4066	7.21881	-1.2698	-2.3987	0.0002	0.0022357	yes
mRNA	CA05g00580	Pepper1.55ch05:1009456-1012603	TC	TD	OK	10.8589	28.6338	1.39884	3.40719	0.00165	0.011156	yes
mRNA	CA05g00610	Pepper1.55ch05:1025601-1026375	TC	TD	OK	3.48933	8.74534	1.32556	2.19713	0.0066	0.0313308	yes
mRNA	CA05g00690	Pepper1.55ch05:1056370-1057876	TC	TD	OK	1.70257	4.42801	1.37895	1.96845	0.0073	0.033772	yes
mRNA	CA05g00720	Pepper1.55ch05:1094369-1097410	TC	TD	OK	4.62621	1.49674	-1.628	-2.3719	0.00115	0.0085407	yes
mRNA	CA05g00850	Pepper1.55ch05:1600900-1604051	TC	TD	OK	5.07462	1.39809	-1.85984	-2.6684	0.0004	0.0038157	yes
mRNA	CA05g00860	Pepper1.55ch05:1605768-1628125	TC	TD	OK	10.0222	3.99856	-1.32564	-2.2882	0.0003	0.0030405	yes
mRNA	CA05g01030	Pepper1.55ch05:1849979-1861511	TC	TD	OK	22.5347	9.90896	-1.18534	-2.1163	0.00195	0.0126842	yes
mRNA	CA05g01050	Pepper1.55ch05:1874338-1881441	TC	TD	OK	9.75661	3.97959	-1.29376	-2.3218	0.0011	0.0082588	yes
mRNA	CA05g01060	Pepper1.55ch05:1883651-1888666	TC	TD	OK	6.24657	1.25371	-2.31686	-2.8066	0.00265	0.0158947	yes
mRNA	CA05g01070	Pepper1.55ch05:1911710-1915157	TC	TD	OK	25.7662	83.0289	1.68813	3.8545	5.00E-05	0.0007276	yes
mRNA	CA05g01160	Pepper1.55ch05:2026029-2028713	TC	TD	OK	66.205	15.5867	-2.08662	-4.0279	5.00E-05	0.0007276	yes
mRNA	CA05g01250	Pepper1.55ch05:2106867-2112502	TC	TD	OK	22.6836	11.3855	-0.99444	-1.75	0.0039	0.0213552	yes
mRNA	CA05g01360	Pepper1.55ch05:2316028-2319862	TC	TD	OK	35.9786	68.6432	0.93198	1.79588	0.0066	0.0313308	yes
mRNA	CA05g01470	Pepper1.55ch05:2754359-2758640	TC	TD	OK	10.1849	4.30671	-1.24177	-2.2196	0.00965	0.0411031	yes
mRNA	CA05g01570	Pepper1.55ch05:2844358-2849194	TC	TD	OK	18.5946	41.6365	1.16297	2.19626	0.0009	0.0070813	yes
mRNA	CA05g01580	Pepper1.55ch05:2863667-2867397	TC	TD	OK	28.8846	13.0435	-1.14697	-2.3885	0.00375	0.0206688	yes
mRNA	CA05g01660	Pepper1.55ch05:2917474-2919551	TC	TD	OK	13.2581	30.5878	1.20608	2.22553	0.00125	0.0090735	yes
mRNA	CA05g01670	Pepper1.55ch05:2926556-2928164	TC	TD	OK	1.52422	3.71695	1.28605	1.80755	0.01045	0.0435037	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA05g01710	Pepper1.55ch05:2984617-2988763	TC	TD	OK	4.0281	1.64395	-1.29293	-1.8258	0.00805	0.0363503	yes
mRNA	CA05g01740	Pepper1.55ch05:3029765-3032140	TC	TD	OK	21.093	5.88847	-1.8408	-4.0111	0.0047	0.0244747	yes
mRNA	CA05g01800	Pepper1.55ch05:3600492-3603751	TC	TD	OK	262.66	700.253	1.41468	4.17872	0.00015	0.0017852	yes
mRNA	CA05g01820	Pepper1.55ch05:3618864-3622703	TC	TD	OK	19.1859	50.9557	1.4092	2.56049	0.0001	0.0012767	yes
mRNA	CA05g01860	Pepper1.55ch05:3710080-3717229	TC	TD	OK	6.21786	16.4266	1.40154	2.43208	0.00015	0.0017852	yes
mRNA	CA05g02110	Pepper1.55ch05:4097815-4098145	TC	TD	OK	7.76842	50.8073	2.70934	6.76014	0.00035	0.0034365	yes
mRNA	CA05g02120	Pepper1.55ch05:4103579-4103909	TC	TD	OK	37.7088	191.989	2.34805	7.37634	5.00E-05	0.0007276	yes
mRNA	CA05g02160	Pepper1.55ch05:4148143-4148890	TC	TD	OK	10.0003	4.42066	-1.1777	-2.0125	0.0104	0.0433434	yes
mRNA	CA05g02600	Pepper1.55ch05:5636237-5642431	TC	TD	OK	19.3703	5.56756	-1.79873	-3.2369	5.00E-05	0.0007276	yes
mRNA	CA05g02620	Pepper1.55ch05:5703426-5704486	TC	TD	OK	92.4829	36.8026	-1.32938	-2.754	0.0004	0.0038157	yes
mRNA	CA05g02660	Pepper1.55ch05:6046381-6047122	TC	TD	OK	56.8793	23.5064	-1.27485	-2.9476	0.00075	0.0061114	yes
mRNA	CA05g02720	Pepper1.55ch05:6170025-6172123	TC	TD	OK	292.963	115.823	-1.3388	-3.8424	5.00E-05	0.0007276	yes
mRNA	CA05g02730	Pepper1.55ch05:6177700-6187184	TC	TD	OK	10.1476	3.93724	-1.36588	-1.9389	0.00205	0.0131645	yes
mRNA	CA05g02740	Pepper1.55ch05:6191634-6195184	TC	TD	OK	7.13544	2.19101	-1.7034	-2.6082	0.00015	0.0017852	yes
mRNA	CA05g03160	Pepper1.55ch05:7930846-7933875	TC	TD	OK	6.86654	20.6069	1.58547	2.73354	5.00E-05	0.0007276	yes
mRNA	CA05g03200	Pepper1.55ch05:8187650-8193940	TC	TD	OK	8.25101	3.44645	-1.25946	-2.0786	0.0011	0.0082588	yes
mRNA	CA05g03390	Pepper1.55ch05:8552591-8558112	TC	TD	OK	904.816	1906.27	1.07506	2.9834	0.00525	0.0265153	yes
mRNA	CA05g03420	Pepper1.55ch05:8599883-8600195	TC	TD	OK	507.766	89.9621	-2.49678	-10.076	5.00E-05	0.0007276	yes
mRNA	CA05g03480	Pepper1.55ch05:8719431-8724636	TC	TD	OK	12.4145	124.144	3.32191	7.20424	5.00E-05	0.0007276	yes
mRNA	CA05g03520	Pepper1.55ch05:9224148-9225828	TC	TD	OK	83.1147	221.457	1.41385	3.65578	5.00E-05	0.0007276	yes
mRNA	CA05g03660	Pepper1.55ch05:9857081-9857990	TC	TD	OK	15.9268	3.73355	-2.09283	-3.5406	0.0001	0.0012767	yes
mRNA	CA05g03710	Pepper1.55ch05:9917487-9919752	TC	TD	OK	38.2686	224.587	2.55304	6.39701	5.00E-05	0.0007276	yes
mRNA	CA05g03800	Pepper1.55ch05:10145841-10146474	TC	TD	OK	6.89788	38.4898	2.48025	5.04307	5.00E-05	0.0007276	yes
mRNA	CA05g03810	Pepper1.55ch05:10146513-10147053	TC	TD	OK	4.53392	28.6405	2.65923	5.48053	0.0011	0.0082588	yes
mRNA	CA05g03900	Pepper1.55ch05:10403423-10409310	TC	TD	OK	8.83378	3.81285	-1.21216	-2.1363	0.0009	0.0070813	yes
mRNA	CA05g03920	Pepper1.55ch05:10568095-10568956	TC	TD	OK	24.3141	47.613	0.96957	2.25777	0.0066	0.0313308	yes
mRNA	CA05g04040	Pepper1.55ch05:11284578-11284761	TC	TD	OK	935.251	106.647	-3.13251	-29.049	5.00E-05	0.0007276	yes
mRNA	CA05g04060	Pepper1.55ch05:11339469-11349361	TC	TD	OK	12.8451	5.00416	-1.36002	-2.3535	0.0007	0.0057915	yes
mRNA	CA05g04080	Pepper1.55ch05:11361213-11362836	TC	TD	OK	58.3386	29.31	-0.99306	-2.4972	0.00565	0.0279371	yes
mRNA	CA05g04210	Pepper1.55ch05:12647102-12653556	TC	TD	OK	6.2829	19.4288	1.62869	3.02955	0.0001	0.0012767	yes
mRNA	CA05g04310	Pepper1.55ch05:12946085-12947823	TC	TD	OK	8.90245	3.07956	-1.53148	-2.4142	0.00095	0.0073823	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA05g04440	Pepper1.55ch05:14474735-14478070	TC	TD	OK	63.8347	118.325	0.89034	1.98281	0.01155	0.0468803	yes
mRNA	CA05g04540	Pepper1.55ch05:14710471-14716576	TC	TD	OK	11.9504	3.80761	-1.65011	-2.8154	5.00E-05	0.0007276	yes
mRNA	CA05g04600	Pepper1.55ch05:14887963-14891794	TC	TD	OK	20.8783	48.3568	1.21172	2.35741	0.00065	0.005483	yes
mRNA	CA05g04650	Pepper1.55ch05:14999326-15001944	TC	TD	OK	4.121	15.3284	1.89514	3.37811	0.00015	0.0017852	yes
mRNA	CA05g04690	Pepper1.55ch05:15566475-15571334	TC	TD	OK	16.4741	31.0438	0.91411	1.84282	0.00595	0.0290118	yes
mRNA	CA05g04920	Pepper1.55ch05:16307653-16309379	TC	TD	OK	3.16061	13.806	2.12701	3.38678	5.00E-05	0.0007276	yes
mRNA	CA05g05200	Pepper1.55ch05:19515955-19517358	TC	TD	OK	7.71473	31.7337	2.04033	3.99609	5.00E-05	0.0007276	yes
mRNA	CA05g05210	Pepper1.55ch05:19577550-19578841	TC	TD	OK	17.6358	46.9233	1.41179	3.07904	5.00E-05	0.0007276	yes
mRNA	CA05g05470	Pepper1.55ch05:20499612-20501844	TC	TD	OK	6.37603	17.8704	1.48684	2.65767	0.00095	0.0073823	yes
mRNA	CA05g05650	Pepper1.55ch05:21511905-21512478	TC	TD	OK	64.9331	171.154	1.39827	3.55721	5.00E-05	0.0007276	yes
mRNA	CA05g05790	Pepper1.55ch05:22551041-22553455	TC	TD	OK	3.06866	0.77147	-1.99193	-2.5682	0.00115	0.0085407	yes
mRNA	CA05g05840	Pepper1.55ch05:22965773-22966151	TC	TD	OK	40.021	265.315	2.72888	17.1156	0.00025	0.0026513	yes
mRNA	CA05g06180	Pepper1.55ch05:26825899-26826802	TC	TD	OK	5.56543	1.33594	-2.05863	-2.7282	0.0032	0.0182162	yes
mRNA	CA05g06210	Pepper1.55ch05:27035992-27038935	TC	TD	OK	265.88	1420.09	2.41713	3.53681	5.00E-05	0.0007276	yes
mRNA	CA05g06480	Pepper1.55ch05:29029415-29032745	TC	TD	OK	60.9697	126.984	1.05849	2.27961	0.0016	0.0109355	yes
mRNA	CA05g06630	Pepper1.55ch05:30718117-30720049	TC	TD	OK	2.54151	6.8455	1.42947	2.45769	0.0011	0.0082588	yes
mRNA	CA05g06640	Pepper1.55ch05:30836286-30840493	TC	TD	OK	38.1861	137.711	1.85053	3.2792	5.00E-05	0.0007276	yes
mRNA	CA05g06720	Pepper1.55ch05:31453452-31453608	TC	TD	OK	6296.3	14964.6	1.24897	21.0305	0.0016	0.0109355	yes
mRNA	CA05g06790	Pepper1.55ch05:32277269-32279600	TC	TD	OK	5.12058	11.3212	1.14465	2.08719	0.0021	0.0134057	yes
mRNA	CA05g06960	Pepper1.55ch05:32887827-32889456	TC	TD	OK	66.9372	5.22552	-3.67916	-5.6439	5.00E-05	0.0007276	yes
mRNA	CA05g07180	Pepper1.55ch05:34649459-34652246	TC	TD	OK	75.8495	41.4376	-0.8722	-1.8697	0.00865	0.038113	yes
mRNA	CA05g07270	Pepper1.55ch05:36234780-36239554	TC	TD	OK	31.2053	80.8555	1.37356	2.42841	0.00055	0.0048567	yes
mRNA	CA05g07380	Pepper1.55ch05:37035764-37039272	TC	TD	OK	13.5419	42.9066	1.66377	3.50373	5.00E-05	0.0007276	yes
mRNA	CA05g07430	Pepper1.55ch05:37597746-37605935	TC	TD	OK	11.2669	4.18433	-1.42902	-2.5558	0.0002	0.0022357	yes
mRNA	CA05g07450	Pepper1.55ch05:37661212-37662547	TC	TD	OK	36.4124	424.049	3.54173	5.74242	5.00E-05	0.0007276	yes
mRNA	CA05g07470	Pepper1.55ch05:37671854-37672781	TC	TD	OK	7.84122	45.6795	2.5424	4.35362	5.00E-05	0.0007276	yes
mRNA	CA05g07540	Pepper1.55ch05:38126773-38129639	TC	TD	OK	15.3475	4.85694	-1.65988	-2.9551	0.00095	0.0073823	yes
mRNA	CA05g07800	Pepper1.55ch05:40760002-40762680	TC	TD	OK	24.7395	55.8333	1.17431	2.13412	0.00055	0.0048567	yes
mRNA	CA05g07820	Pepper1.55ch05:41068248-41069798	TC	TD	OK	226.784	90.037	-1.33273	-3.3941	0.0001	0.0012767	yes
mRNA	CA05g08140	Pepper1.55ch05:49011545-49012097	TC	TD	OK	60.1122	8.62859	-2.80046	-6.4942	5.00E-05	0.0007276	yes
mRNA	CA05g08150	Pepper1.55ch05:49049361-49054313	TC	TD	OK	26.3	56.987	1.11557	2.25305	0.00195	0.0126842	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA05g08190	Pepper1.55ch05:50601639-50602965	TC	TD	OK	1.52454	7.55959	2.30994	3.53976	0.00015	0.0017852	yes
mRNA	CA05g08320	Pepper1.55ch05:55149779-55152082	TC	TD	OK	17.6874	43.6735	1.30404	2.54527	0.0001	0.0012767	yes
mRNA	CA05g08330	Pepper1.55ch05:56505852-56508306	TC	TD	OK	3.39961	1.56852	-1.11597	-1.6706	0.0095	0.0406823	yes
mRNA	CA05g08380	Pepper1.55ch05:57655559-57663658	TC	TD	OK	20.8056	53.189	1.35415	2.59462	5.00E-05	0.0007276	yes
mRNA	CA05g08400	Pepper1.55ch05:59082092-59082779	TC	TD	OK	8.33098	18.1724	1.12519	2.45765	0.00825	0.0369329	yes
mRNA	CA05g08470	Pepper1.55ch05:60339878-60341145	TC	TD	OK	7.14024	20.7636	1.54001	3.1623	0.00055	0.0048567	yes
mRNA	CA05g08480	Pepper1.55ch05:60345427-60345991	TC	TD	OK	3.18692	12.462	1.9673	3.51362	0.0033	0.0186798	yes
mRNA	CA05g08530	Pepper1.55ch05:64162290-64168146	TC	TD	OK	0.66501	18.3878	4.78922	4.49272	0.0026	0.0156946	yes
mRNA	CA05g08630	Pepper1.55ch05:67468807-67475261	TC	TD	OK	35.2512	15.1956	-1.21402	-2.5286	0.00035	0.0034365	yes
mRNA	CA05g08720	Pepper1.55ch05:69812675-69814508	TC	TD	OK	4.91986	1.48523	-1.72793	-2.3365	0.0087	0.0382775	yes
mRNA	CA05g08770	Pepper1.55ch05:71359553-71359763	TC	TD	OK	138.566	291.245	1.07166	9.17728	0.0083	0.0370797	yes
mRNA	CA05g08780	Pepper1.55ch05:71380325-71389177	TC	TD	OK	8.4129	18.5195	1.13837	2.02761	0.0024	0.0148011	yes
mRNA	CA05g08950	Pepper1.55ch05:74306971-74307463	TC	TD	OK	41.8847	92.1384	1.13738	3.06981	0.0025	0.0152991	yes
mRNA	CA05g08960	Pepper1.55ch05:74307488-74311272	TC	TD	OK	17.7528	36.8709	1.05444	2.03813	0.0041	0.0221054	yes
mRNA	CA05g08980	Pepper1.55ch05:74696543-74697162	TC	TD	OK	32.441	86.9522	1.42241	3.67201	5.00E-05	0.0007276	yes
mRNA	CA05g09160	Pepper1.55ch05:81803218-81804031	TC	TD	OK	12.3672	63.8667	2.36854	4.78339	5.00E-05	0.0007276	yes
mRNA	CA05g09260	Pepper1.55ch05:84936281-84937231	TC	TD	OK	8.31232	19.0604	1.19726	2.42821	0.00435	0.0230579	yes
mRNA	CA05g09270	Pepper1.55ch05:85949618-85950577	TC	TD	OK	8.03959	19.4949	1.2779	2.46809	0.00295	0.0171555	yes
mRNA	CA05g09470	Pepper1.55ch05:92452958-92455799	TC	TD	OK	4.95079	16.6957	1.75375	3.10982	5.00E-05	0.0007276	yes
mRNA	CA05g09480	Pepper1.55ch05:93565096-93567007	TC	TD	OK	30.8667	80.8602	1.38938	2.74582	5.00E-05	0.0007276	yes
mRNA	CA05g09580	Pepper1.55ch05:98195420-98196406	TC	TD	OK	101.711	49.2154	-1.04729	-3.07	0.0031	0.0178014	yes
mRNA	CA05g09670	Pepper1.55ch05:101207498-101209154	TC	TD	OK	4.92821	1.62774	-1.59819	-2.5158	0.0011	0.0082588	yes
mRNA	CA05g09720	Pepper1.55ch05:102010034-102010463	TC	TD	OK	75.8943	151.291	0.99526	2.99514	0.004	0.0216981	yes
mRNA	CA05g09870	Pepper1.55ch05:105793033-105794777	TC	TD	OK	30.6689	66.6601	1.12005	2.38943	0.001	0.0076526	yes
mRNA	CA05g09880	Pepper1.55ch05:105806641-105809417	TC	TD	OK	48.2424	94.9107	0.97627	2.18698	0.0033	0.0186798	yes
mRNA	CA05g10430	Pepper1.55ch05:123746141-123746753	TC	TD	OK	35.5868	105.58	1.56892	3.70304	5.00E-05	0.0007276	yes
mRNA	CA05g10440	Pepper1.55ch05:123762718-123763255	TC	TD	OK	37.4816	103.982	1.47208	3.98885	0.0001	0.0012767	yes
mRNA	CA05g10740	Pepper1.55ch05:131453486-131454476	TC	TD	OK	89.0301	172.109	0.95096	4.10687	0.0103	0.0431291	yes
mRNA	CA05g10750	Pepper1.55ch05:131458084-131458810	TC	TD	OK	27.919	14.1632	-0.97911	-2.2726	0.01175	0.0474242	yes
mRNA	CA05g10790	Pepper1.55ch05:131951453-131955243	TC	TD	OK	12.1042	45.9746	1.92533	3.71465	5.00E-05	0.0007276	yes
mRNA	CA05g10840	Pepper1.55ch05:133751484-133752999	TC	TD	OK	9.35637	3.46817	-1.43177	-2.5925	0.0012	0.008808	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA05g10990	Pepper1.55ch05:136569270-136570659	TC	TD	OK	11.1652	5.27808	-1.08093	-2.0694	0.00655	0.031231	yes
mRNA	CA05g11020	Pepper1.55ch05:136903509-136907433	TC	TD	OK	20.303	8.65057	-1.23082	-2.3631	0.00465	0.0242646	yes
mRNA	CA05g11060	Pepper1.55ch05:137404605-137405316	TC	TD	OK	231.565	112.605	-1.04015	-2.084	0.01175	0.0474242	yes
mRNA	CA05g11250	Pepper1.55ch05:141193231-141193795	TC	TD	OK	9.13821	2.20267	-2.05266	-2.9272	0.0044	0.0232494	yes
mRNA	CA05g11330	Pepper1.55ch05:143590950-143592399	TC	TD	OK	6.76278	14.611	1.11136	2.167	0.0117	0.0472983	yes
mRNA	CA05g11420	Pepper1.55ch05:145062079-145062445	TC	TD	OK	35.4767	7.67052	-2.20947	-5.632	0.0015	0.010446	yes
mRNA	CA05g11650	Pepper1.55ch05:150651973-150654054	TC	TD	OK	1.90009	13.7782	2.85825	3.86053	0.0019	0.0124233	yes
mRNA	CA05g11900	Pepper1.55ch05:162199627-162202193	TC	TD	OK	219.239	95.3552	-1.20112	-2.5164	0.002	0.012937	yes
mRNA	CA05g12050	Pepper1.55ch05:165924882-165925699	TC	TD	OK	11.9739	29.2246	1.28729	2.9844	0.00225	0.0140483	yes
mRNA	CA05g12060	Pepper1.55ch05:165939883-165941099	TC	TD	OK	27.0775	62.1167	1.19789	2.96054	0.00095	0.0073823	yes
mRNA	CA05g12470	Pepper1.55ch05:176819255-176823550	TC	TD	OK	217.468	73.3778	-1.56739	-2.8827	5.00E-05	0.0007276	yes
mRNA	CA05g12480	Pepper1.55ch05:176839710-176840079	TC	TD	OK	0	9.88803	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA05g12670	Pepper1.55ch05:182550858-182555294	TC	TD	OK	26.1266	12.0561	-1.11576	-2.2749	0.00405	0.0219063	yes
mRNA	CA05g12940	Pepper1.55ch05:187465619-187472546	TC	TD	OK	11.7625	3.85055	-1.61106	-2.7099	0.0005	0.0045156	yes
mRNA	CA05g13020	Pepper1.55ch05:188323659-188332400	TC	TD	OK	2.49098	7.46408	1.58325	2.51772	0.00025	0.0026513	yes
mRNA	CA05g13200	Pepper1.55ch05:190694795-190697457	TC	TD	OK	13.5138	43.2345	1.67775	3.40944	5.00E-05	0.0007276	yes
mRNA	CA05g13250	Pepper1.55ch05:191536497-191548604	TC	TD	OK	4.57926	11.4262	1.31916	2.31495	0.002	0.012937	yes
mRNA	CA05g13310	Pepper1.55ch05:192157316-192157562	TC	TD	OK	212.616	438.112	1.04305	7.25372	0.004	0.0216981	yes
mRNA	CA05g13530	Pepper1.55ch05:195662182-195666140	TC	TD	OK	20.6185	45.8335	1.15246	2.12707	0.00165	0.011156	yes
mRNA	CA05g13870	Pepper1.55ch05:199270944-199276034	TC	TD	OK	101.068	22.035	-2.19746	-4.3022	5.00E-05	0.0007276	yes
mRNA	CA05g13900	Pepper1.55ch05:199648386-199649785	TC	TD	OK	20.0813	3.58636	-2.48526	-4.4599	0.00165	0.011156	yes
mRNA	CA05g14100	Pepper1.55ch05:203639334-203640327	TC	TD	OK	351.993	108.347	-1.69989	-3.2214	0.0001	0.0012767	yes
mRNA	CA05g14220	Pepper1.55ch05:204625596-204626427	TC	TD	OK	111.815	283.592	1.34271	2.58235	0.0007	0.0057915	yes
mRNA	CA05g14280	Pepper1.55ch05:206004536-206013104	TC	TD	OK	9.40145	112.696	3.58341	8.35975	5.00E-05	0.0007276	yes
mRNA	CA05g14370	Pepper1.55ch05:208921015-208923427	TC	TD	OK	19.1127	35.4219	0.89011	1.62103	0.00685	0.0321935	yes
mRNA	CA05g14500	Pepper1.55ch05:210928560-210929955	TC	TD	OK	3.09297	0.48428	-2.67508	-2.4058	0.00765	0.0349625	yes
mRNA	CA05g14640	Pepper1.55ch05:211267794-211269192	TC	TD	OK	9.11913	2.75535	-1.72666	-2.6217	0.00045	0.0041816	yes
mRNA	CA05g14710	Pepper1.55ch05:211721075-211722882	TC	TD	OK	0.94419	4.24372	2.16819	2.82182	0.00875	0.0383967	yes
mRNA	CA05g14820	Pepper1.55ch05:211968841-211971283	TC	TD	OK	6.8505	1.7433	-1.97439	-2.9683	0.00095	0.0073823	yes
mRNA	CA05g14880	Pepper1.55ch05:212801359-212803592	TC	TD	OK	166.815	309.524	0.8918	2.28942	0.0083	0.0370797	yes
mRNA	CA05g14930	Pepper1.55ch05:213233642-213235518	TC	TD	OK	0	10.8728	inf	nan	5.00E-05	0.0007276	yes

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mRNA	CA05g14990	Pepper1.55ch05:213698505-213700976	TC	TD	OK	2126.92	929.08	-1.19489	-2.1493	0.00535	0.0268407	yes
mRNA	CA05g15130	Pepper1.55ch05:213982881-213984839	TC	TD	OK	22.2019	70.5791	1.66856	3.2143	5.00E-05	0.0007276	yes
mRNA	CA05g15160	Pepper1.55ch05:214063077-214067012	TC	TD	OK	9.45297	20.7082	1.13136	2.27383	0.0013	0.0093599	yes
mRNA	CA05g15410	Pepper1.55ch05:214993706-214995510	TC	TD	OK	14.9674	87.1559	2.54178	4.2441	5.00E-05	0.0007276	yes
mRNA	CA05g15700	Pepper1.55ch05:217268138-217277179	TC	TD	OK	73.7367	171.797	1.22025	2.61381	0.0006	0.0051829	yes
mRNA	CA05g15720	Pepper1.55ch05:217363939-217366580	TC	TD	OK	21.6798	11.2023	-0.95256	-2.0517	0.00955	0.0408617	yes
mRNA	CA05g15830	Pepper1.55ch05:217904482-217905130	TC	TD	OK	28.7187	10.0227	-1.51872	-3.6503	0.0003	0.0030405	yes
mRNA	CA05g15880	Pepper1.55ch05:218151294-218153187	TC	TD	OK	150.757	295.553	0.97119	2.66145	0.0053	0.0266964	yes
mRNA	CA05g15910	Pepper1.55ch05:218208176-218208851	TC	TD	OK	5.11099	57.7232	3.49747	5.52346	5.00E-05	0.0007276	yes
mRNA	CA05g15940	Pepper1.55ch05:218501652-218504823	TC	TD	OK	21.7472	48.3368	1.15229	2.4225	0.0005	0.0045156	yes
mRNA	CA05g15970	Pepper1.55ch05:218912611-218923808	TC	TD	OK	347.276	183.528	-0.92008	-2.0908	0.0072	0.0334427	yes
mRNA	CA05g15980	Pepper1.55ch05:218925367-218928890	TC	TD	OK	5.01438	0.65815	-2.92959	-2.764	0.00705	0.0329284	yes
mRNA	CA05g16030	Pepper1.55ch05:219887997-219891858	TC	TD	OK	12.6122	24.9867	0.98634	1.88809	0.0064	0.0306708	yes
mRNA	CA05g16130	Pepper1.55ch05:220467206-220469770	TC	TD	OK	8.03538	19.5626	1.28366	2.42124	0.00125	0.0090735	yes
mRNA	CA05g16200	Pepper1.55ch05:221080872-221086758	TC	TD	OK	1.59885	4.9201	1.62165	2.63249	5.00E-05	0.0007276	yes
mRNA	CA05g16290	Pepper1.55ch05:221469728-221478246	TC	TD	OK	22.7059	42.9377	0.91918	1.92496	0.0074	0.0340987	yes
mRNA	CA05g16320	Pepper1.55ch05:221595737-221597255	TC	TD	OK	95.0746	234.813	1.30438	2.5875	0.0001	0.0012767	yes
mRNA	CA05g16360	Pepper1.55ch05:221669413-221671486	TC	TD	OK	7.70386	3.1287	-1.30002	-2.2537	0.00205	0.0131645	yes
mRNA	CA05g16530	Pepper1.55ch05:223104276-223106823	TC	TD	OK	12.9888	69.6706	2.42328	4.83283	5.00E-05	0.0007276	yes
mRNA	CA05g16570	Pepper1.55ch05:223177839-223181324	TC	TD	OK	57.8342	181.612	1.65087	3.37056	5.00E-05	0.0007276	yes
mRNA	CA05g16620	Pepper1.55ch05:223378837-223382699	TC	TD	OK	17.9896	34.273	0.92991	1.7608	0.0074	0.0340987	yes
mRNA	CA05g16780	Pepper1.55ch05:223630146-223631579	TC	TD	OK	8.60648	74.0277	3.10457	6.02776	5.00E-05	0.0007276	yes
mRNA	CA05g16900	Pepper1.55ch05:224045040-224050976	TC	TD	OK	295.449	109.619	-1.43041	-2.2625	0.00055	0.0048567	yes
mRNA	CA05g16930	Pepper1.55ch05:224289803-224297478	TC	TD	OK	45.8851	9.84118	-2.22112	-3.9845	5.00E-05	0.0007276	yes
mRNA	CA05g17120	Pepper1.55ch05:224803425-224803842	TC	TD	OK	20.7717	79.172	1.93037	4.57489	0.00025	0.0026513	yes
mRNA	CA05g17410	Pepper1.55ch05:225551524-225554999	TC	TD	OK	226.097	93.4584	-1.27455	-2.2572	0.0004	0.0038157	yes
mRNA	CA05g17550	Pepper1.55ch05:226053999-226057687	TC	TD	OK	45.4903	115.055	1.33869	3.0883	0.0002	0.0022357	yes
mRNA	CA05g17620	Pepper1.55ch05:226334675-226336199	TC	TD	OK	7.081	22.1708	1.64663	3.09023	0.0002	0.0022357	yes
mRNA	CA05g17690	Pepper1.55ch05:226559324-226562196	TC	TD	OK	7.65559	1.7709	-2.11203	-2.9606	0.00055	0.0048567	yes
mRNA	CA05g17820	Pepper1.55ch05:227065062-227071396	TC	TD	OK	41.8134	968.05	4.53305	7.90265	5.00E-05	0.0007276	yes
mRNA	CA05g17900	Pepper1.55ch05:227253913-227255536	TC	TD	OK	28.8629	55.4775	0.94269	1.84766	0.0057	0.0281107	yes

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mRNA	CA05g18240	Pepper1.55ch05:228111637-228112432	TC	TD	OK	19.5069	8.71883	-1.16177	-2.3767	0.00595	0.0290118	yes
mRNA	CA05g18250	Pepper1.55ch05:228118307-228121123	TC	TD	OK	72.2029	130.404	0.85286	1.87285	0.0099	0.0418842	yes
mRNA	CA05g18380	Pepper1.55ch05:228822173-228827887	TC	TD	OK	27.1881	50.195	0.88457	1.62765	0.00825	0.0369329	yes
mRNA	CA05g18470	Pepper1.55ch05:228984169-228986560	TC	TD	OK	17.6912	6.58449	-1.42589	-2.9224	0.00265	0.0158947	yes
mRNA	CA05g18520	Pepper1.55ch05:229365546-229367640	TC	TD	OK	37.3188	8.35248	-2.15963	-4.0714	5.00E-05	0.0007276	yes
mRNA	CA05g18730	Pepper1.55ch05:229623456-229628616	TC	TD	OK	43.7985	80.6503	0.8808	1.87067	0.00735	0.0339617	yes
mRNA	CA05g19000	Pepper1.55ch05:230212627-230214584	TC	TD	OK	5.85058	13.4084	1.19649	2.2081	0.0015	0.010446	yes
mRNA	CA05g19160	Pepper1.55ch05:230973321-230973591	TC	TD	OK	13.5137	185.981	3.78266	14.2728	5.00E-05	0.0007276	yes
mRNA	CA05g19230	Pepper1.55ch05:231059008-231063786	TC	TD	OK	5.28742	11.9961	1.18193	2.16967	0.01195	0.0480644	yes
mRNA	CA05g19300	Pepper1.55ch05:231131607-231137270	TC	TD	OK	15.8049	6.23559	-1.34177	-2.4837	0.0015	0.010446	yes
mRNA	CA05g19630	Pepper1.55ch05:231888423-231897637	TC	TD	OK	36.9838	11.0394	-1.74423	-3.7502	5.00E-05	0.0007276	yes
mRNA	CA05g19680	Pepper1.55ch05:231956824-231962956	TC	TD	OK	2.80824	7.65367	1.44649	2.22427	0.0005	0.0045156	yes
mRNA	CA05g19690	Pepper1.55ch05:231962956-231963833	TC	TD	OK	4.70573	14.3926	1.61284	2.82373	0.0066	0.0313308	yes
mRNA	CA05g19940	Pepper1.55ch05:232181061-232181895	TC	TD	OK	29.3714	79.4667	1.43594	3.40533	5.00E-05	0.0007276	yes
mRNA	CA05g20080	Pepper1.55ch05:232438806-232441462	TC	TD	OK	127.931	53.9401	-1.24593	-2.9925	0.0002	0.0022357	yes
mRNA	CA05g20110	Pepper1.55ch05:232473990-232481461	TC	TD	OK	30.0876	8.42861	-1.8358	-3.5199	5.00E-05	0.0007276	yes
mRNA	CA05g20130	Pepper1.55ch05:232488246-232488819	TC	TD	OK	16.7839	4.69672	-1.83735	-3.1433	0.0022	0.0138219	yes
mRNA	CA05g20350	Pepper1.55ch05:232808546-232810128	TC	TD	OK	24.6529	11.6582	-1.08041	-2.3883	0.01125	0.045922	yes
mRNA	CA05g20410	Pepper1.55ch05:232890634-232891090	TC	TD	OK	29.8735	8.90234	-1.74661	-4.0336	0.00105	0.0079626	yes
mRNA	CA05g20640	Pepper1.55ch05:233067891-233070229	TC	TD	OK	31.0473	56.4085	0.86144	1.71665	0.00925	0.0399062	yes
mRNA	CA05g20700	Pepper1.55ch05:233146123-233147971	TC	TD	OK	76.3498	25.2379	-1.59703	-3.5571	5.00E-05	0.0007276	yes
mRNA	CA05g20710	Pepper1.55ch05:233148623-233150039	TC	TD	OK	49.1439	24.9083	-0.98038	-1.9334	0.0079	0.0358122	yes
mRNA	CA05g20800	Pepper1.55ch05:233286646-233288046	TC	TD	OK	1.28867	7.20507	2.48313	3.15782	0.0005	0.0045156	yes
mRNA	CA05g20820	Pepper1.55ch05:233298679-233305239	TC	TD	OK	10.4613	26.1051	1.31927	2.27846	0.0002	0.0022357	yes
mRNA	CA06g00090	Pepper1.55ch06:80707-83439	TC	TD	OK	6.82946	24.1635	1.82299	3.24864	5.00E-05	0.0007276	yes
mRNA	CA06g00240	Pepper1.55ch06:174714-175098	TC	TD	OK	441.383	879.348	0.9944	3.24401	0.0062	0.0299405	yes
mRNA	CA06g00330	Pepper1.55ch06:381221-387261	TC	TD	OK	142.295	62.8818	-1.17817	-2.3898	0.00075	0.0061114	yes
mRNA	CA06g00370	Pepper1.55ch06:424824-432055	TC	TD	OK	5.72378	1.93964	-1.56118	-2.4628	0.00025	0.0026513	yes
mRNA	CA06g00420	Pepper1.55ch06:550428-558280	TC	TD	OK	7.08449	1.67261	-2.08257	-3.2108	0.0001	0.0012767	yes
mRNA	CA06g00970	Pepper1.55ch06:2079471-2079792	TC	TD	OK	36.5522	10.9082	-1.74454	-5.4251	0.0034	0.0191524	yes
mRNA	CA06g01340	Pepper1.55ch06:2818005-2819997	TC	TD	OK	4.68613	14.3687	1.61646	2.69031	5.00E-05	0.0007276	yes

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mRNA	CA06g01470	Pepper1.55ch06:3061472-3067898	TC	TD	OK	17.836	9.21206	-0.9532	-1.8981	0.0094	0.0403457	yes
mRNA	CA06g01480	Pepper1.55ch06:3070847-3071885	TC	TD	OK	5.33743	11.6686	1.12842	2.01768	0.00715	0.0332821	yes
mRNA	CA06g01520	Pepper1.55ch06:3303183-3304764	TC	TD	OK	51.4343	15.4102	-1.73885	-2.9995	5.00E-05	0.0007276	yes
mRNA	CA06g01800	Pepper1.55ch06:3786127-3789145	TC	TD	OK	576.243	189.999	-1.60068	-4.3407	5.00E-05	0.0007276	yes
mRNA	CA06g02240	Pepper1.55ch06:5147404-5147677	TC	TD	OK	0	9.44436	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA06g02340	Pepper1.55ch06:6359474-6359855	TC	TD	OK	28.3917	10.2327	-1.47229	-3.7257	0.00755	0.0346208	yes
mRNA	CA06g02380	Pepper1.55ch06:7118317-7122444	TC	TD	OK	21.5933	7.15348	-1.59387	-3.303	0.0006	0.0051829	yes
mRNA	CA06g02870	Pepper1.55ch06:8591632-8593403	TC	TD	OK	16.1696	80.9379	2.32353	5.28377	5.00E-05	0.0007276	yes
mRNA	CA06g03040	Pepper1.55ch06:10390078-10393857	TC	TD	OK	1014.67	2599.09	1.357	3.79434	0.0009	0.0070813	yes
mRNA	CA06g03070	Pepper1.55ch06:10443067-10446318	TC	TD	OK	7.92517	2.90619	-1.44731	-2.3428	0.00275	0.016281	yes
mRNA	CA06g03100	Pepper1.55ch06:10574059-10577641	TC	TD	OK	119.979	50.5549	-1.24686	-2.8986	0.00045	0.0041816	yes
mRNA	CA06g03130	Pepper1.55ch06:10622728-10623496	TC	TD	OK	46.943	157.406	1.74551	3.02424	0.0001	0.0012767	yes
mRNA	CA06g03160	Pepper1.55ch06:10758778-10759336	TC	TD	OK	62.3223	127.319	1.03062	2.96709	0.00305	0.0176148	yes
mRNA	CA06g03200	Pepper1.55ch06:10817760-10819398	TC	TD	OK	9.83431	45.9678	2.22473	4.3206	5.00E-05	0.0007276	yes
mRNA	CA06g03320	Pepper1.55ch06:11006976-11007437	TC	TD	OK	165.292	382.155	1.20914	5.08384	0.0005	0.0045156	yes
mRNA	CA06g03690	Pepper1.55ch06:13189947-13192649	TC	TD	OK	1.30669	4.46075	1.77137	2.43146	0.0017	0.0114072	yes
mRNA	CA06g03890	Pepper1.55ch06:14633289-14635224	TC	TD	OK	1.75358	10.9233	2.63903	3.92564	5.00E-05	0.0007276	yes
mRNA	CA06g04100	Pepper1.55ch06:17329033-17332194	TC	TD	OK	28.7012	187.757	2.70968	5.6579	5.00E-05	0.0007276	yes
mRNA	CA06g04120	Pepper1.55ch06:17597642-17598287	TC	TD	OK	376.943	168.345	-1.16293	-2.7098	0.0011	0.0082588	yes
mRNA	CA06g04260	Pepper1.55ch06:19171418-19171730	TC	TD	OK	671.264	206.676	-1.69951	-7.4173	5.00E-05	0.0007276	yes
mRNA	CA06g04270	Pepper1.55ch06:19174845-19175157	TC	TD	OK	1411.32	325.953	-2.11431	-8.992	5.00E-05	0.0007276	yes
mRNA	CA06g04300	Pepper1.55ch06:19433123-19435676	TC	TD	OK	16.3439	3.66223	-2.15796	-3.6154	5.00E-05	0.0007276	yes
mRNA	CA06g04370	Pepper1.55ch06:21133545-21137840	TC	TD	OK	160.169	83.1277	-0.9462	-3.0427	0.00525	0.0265153	yes
mRNA	CA06g04600	Pepper1.55ch06:24919984-24921133	TC	TD	OK	25.8987	107.549	2.05404	3.8811	5.00E-05	0.0007276	yes
mRNA	CA06g04640	Pepper1.55ch06:25243416-25244331	TC	TD	OK	3.04921	6.95202	1.18899	1.71412	0.0122	0.0488745	yes
mRNA	CA06g04680	Pepper1.55ch06:25400360-25404930	TC	TD	OK	7.91043	1.29388	-2.61206	-3.7679	5.00E-05	0.0007276	yes
mRNA	CA06g04960	Pepper1.55ch06:32470871-32476331	TC	TD	OK	226.241	117.758	-0.94204	-2.0694	0.00615	0.0297658	yes
mRNA	CA06g05300	Pepper1.55ch06:35132223-35133363	TC	TD	OK	12.961	2.79274	-2.21443	-3.4805	5.00E-05	0.0007276	yes
mRNA	CA06g05330	Pepper1.55ch06:35194319-35201854	TC	TD	OK	40.0598	19.7462	-1.02058	-2.0122	0.00285	0.0166768	yes
mRNA	CA06g05630	Pepper1.55ch06:40545220-40548937	TC	TD	OK	31.2088	63.3393	1.02115	2.32473	0.0031	0.0178014	yes
mRNA	CA06g05740	Pepper1.55ch06:41727975-41728649	TC	TD	OK	22.1526	60.8755	1.45838	3.44386	0.00025	0.0026513	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA06g05780	Pepper1.55ch06:42096503-42099400	TC	TD	OK	6.66993	13.6451	1.03264	1.99357	0.0089	0.0388403	yes
mRNA	CA06g05810	Pepper1.55ch06:42338877-42339873	TC	TD	OK	19.2246	40.6622	1.08073	2.31509	0.00205	0.0131645	yes
mRNA	CA06g05820	Pepper1.55ch06:42340616-42346498	TC	TD	OK	5.08867	10.8239	1.08886	1.96323	0.0058	0.0284366	yes
mRNA	CA06g05830	Pepper1.55ch06:42754646-42758801	TC	TD	OK	159.891	301.331	0.91426	1.85447	0.00865	0.038113	yes
mRNA	CA06g06100	Pepper1.55ch06:51898124-51898948	TC	TD	OK	327.502	149.229	-1.13398	-2.9096	0.0013	0.0093599	yes
mRNA	CA06g06180	Pepper1.55ch06:57174275-57182048	TC	TD	OK	11.1857	26.4549	1.24189	2.36551	0.00035	0.0034365	yes
mRNA	CA06g06330	Pepper1.55ch06:62521852-62523168	TC	TD	OK	14.3137	1.86808	-2.93777	-4.5495	5.00E-05	0.0007276	yes
mRNA	CA06g06360	Pepper1.55ch06:62989115-62991511	TC	TD	OK	41.6195	89.423	1.10339	2.72943	0.0014	0.009905	yes
mRNA	CA06g06580	Pepper1.55ch06:70486212-70486839	TC	TD	OK	141.848	51.7243	-1.45544	-3.4187	0.0001	0.0012767	yes
mRNA	CA06g06660	Pepper1.55ch06:72069979-72070796	TC	TD	OK	20.3194	5.37147	-1.91947	-4.0988	0.00505	0.025825	yes
mRNA	CA06g06730	Pepper1.55ch06:73771870-73773673	TC	TD	OK	28.443	15.5306	-0.87296	-1.7685	0.00965	0.0411031	yes
mRNA	CA06g06740	Pepper1.55ch06:74195434-74199961	TC	TD	OK	9.36943	4.6708	-1.00429	-1.7446	0.0055	0.0273839	yes
mRNA	CA06g06790	Pepper1.55ch06:75708951-75710664	TC	TD	OK	22.2433	3.64227	-2.61046	-4.1232	5.00E-05	0.0007276	yes
mRNA	CA06g06900	Pepper1.55ch06:80157109-80159372	TC	TD	OK	7.89417	2.06571	-1.93415	-3.0014	5.00E-05	0.0007276	yes
mRNA	CA06g07000	Pepper1.55ch06:85221422-85221956	TC	TD	OK	18.8024	4.96396	-1.92135	-3.7135	0.00115	0.0085407	yes
mRNA	CA06g07080	Pepper1.55ch06:88222324-88224199	TC	TD	OK	22.445	56.2408	1.32522	2.6099	0.0007	0.0057915	yes
mRNA	CA06g07190	Pepper1.55ch06:93720612-93731634	TC	TD	OK	34.3446	62.2482	0.85795	1.65549	0.00955	0.0408617	yes
mRNA	CA06g07250	Pepper1.55ch06:95386827-95394184	TC	TD	OK	6.15308	69.4695	3.497	8.01611	5.00E-05	0.0007276	yes
mRNA	CA06g07300	Pepper1.55ch06:98488540-98490085	TC	TD	OK	1.52604	8.10713	2.40939	3.0357	0.00465	0.0242646	yes
mRNA	CA06g07310	Pepper1.55ch06:98581413-98582076	TC	TD	OK	46.2055	174.96	1.92089	4.16841	5.00E-05	0.0007276	yes
mRNA	CA06g07430	Pepper1.55ch06:104687330-104688707	TC	TD	OK	700.936	358.657	-0.96668	-4.3517	0.00415	0.0222637	yes
mRNA	CA06g07460	Pepper1.55ch06:104853287-104857442	TC	TD	OK	6.39455	13.9838	1.12884	2.13884	0.0039	0.0213552	yes
mRNA	CA06g07570	Pepper1.55ch06:106499235-106501612	TC	TD	OK	3.04553	10.6723	1.8091	3.17839	0.0001	0.0012767	yes
mRNA	CA06g07610	Pepper1.55ch06:107734059-107735543	TC	TD	OK	10.5435	36.713	1.79993	3.80941	5.00E-05	0.0007276	yes
mRNA	CA06g07730	Pepper1.55ch06:109351097-109351983	TC	TD	OK	2.40253	6.70161	1.47995	2.25242	0.0115	0.0467025	yes
mRNA	CA06g07790	Pepper1.55ch06:112573876-112574101	TC	TD	OK	58.7117	136.552	1.21772	7.86008	0.0066	0.0313308	yes
mRNA	CA06g07830	Pepper1.55ch06:112806469-112808680	TC	TD	OK	4.75016	0.41792	-3.50667	-3.063	0.0003	0.0030405	yes
mRNA	CA06g07890	Pepper1.55ch06:114934151-114935483	TC	TD	OK	98.45	20.1021	-2.29205	-4.0477	5.00E-05	0.0007276	yes
mRNA	CA06g07940	Pepper1.55ch06:116310729-116316171	TC	TD	OK	27.8902	59.5369	1.09403	2.34104	0.0012	0.008808	yes
mRNA	CA06g08130	Pepper1.55ch06:121554237-121559365	TC	TD	OK	78.4584	148.294	0.91846	1.70572	0.0085	0.0376942	yes
mRNA	CA06g08150	Pepper1.55ch06:121985330-121986484	TC	TD	OK	149.282	511.155	1.77572	3.10396	5.00E-05	0.0007276	yes

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mRNA	CA06g08170	Pepper1.55ch06:122154498-122155341	TC	TD	OK	5.64344	13.8262	1.29276	2.18253	0.00905	0.0392453	yes
mRNA	CA06g08300	Pepper1.55ch06:124989905-124992136	TC	TD	OK	4.44661	13.9786	1.65244	2.45901	0.0003	0.0030405	yes
mRNA	CA06g08470	Pepper1.55ch06:129398445-129399969	TC	TD	OK	13.1393	29.3943	1.16164	2.25237	0.00095	0.0073823	yes
mRNA	CA06g08710	Pepper1.55ch06:133229232-133231308	TC	TD	OK	59.0004	113.05	0.93817	2.06546	0.00525	0.0265153	yes
mRNA	CA06g08750	Pepper1.55ch06:133844283-133844709	TC	TD	OK	5.50802	106.977	4.27963	7.63369	5.00E-05	0.0007276	yes
mRNA	CA06g08810	Pepper1.55ch06:134314431-134317452	TC	TD	OK	2.34253	6.37557	1.44449	2.3683	0.0051	0.0260014	yes
mRNA	CA06g08970	Pepper1.55ch06:138660146-138665549	TC	TD	OK	8.30681	19.809	1.25379	2.3404	0.00015	0.0017852	yes
mRNA	CA06g09010	Pepper1.55ch06:139883326-139884147	TC	TD	OK	6.33742	22.271	1.8132	3.70103	0.00045	0.0041816	yes
mRNA	CA06g09090	Pepper1.55ch06:141677407-141682959	TC	TD	OK	14.5985	6.26383	-1.2207	-2.5212	0.00545	0.0272608	yes
mRNA	CA06g09120	Pepper1.55ch06:142521123-142535764	TC	TD	OK	14.7967	6.716	-1.1396	-2.09	0.0022	0.0138219	yes
mRNA	CA06g09210	Pepper1.55ch06:145076216-145077667	TC	TD	OK	19.7723	39.2041	0.98752	2.01444	0.00785	0.0356391	yes
mRNA	CA06g09390	Pepper1.55ch06:148751350-148755958	TC	TD	OK	16.9518	6.92106	-1.29237	-2.3958	0.00075	0.0061114	yes
mRNA	CA06g09510	Pepper1.55ch06:153555628-153558647	TC	TD	OK	233.064	111.753	-1.06041	-2.6053	0.0015	0.010446	yes
mRNA	CA06g09720	Pepper1.55ch06:157140053-157142806	TC	TD	OK	9.12465	19.4669	1.09318	2.18687	0.0113	0.0460638	yes
mRNA	CA06g09740	Pepper1.55ch06:158272459-158273549	TC	TD	OK	88.9269	21.1392	-2.0727	-9.1387	0.00025	0.0026513	yes
mRNA	CA06g10060	Pepper1.55ch06:162947630-162952635	TC	TD	OK	84.0143	47.4081	-0.8255	-1.7514	0.01245	0.0496651	yes
mRNA	CA06g10130	Pepper1.55ch06:163946596-163948666	TC	TD	OK	54.9235	101.151	0.88102	1.65563	0.0082	0.0367964	yes
mRNA	CA06g10200	Pepper1.55ch06:165675714-165676104	TC	TD	OK	19.7444	76.3175	1.95057	5.39127	0.0001	0.0012767	yes
mRNA	CA06g10210	Pepper1.55ch06:166017455-166025731	TC	TD	OK	121.089	46.4378	-1.38269	-2.5853	0.0002	0.0022357	yes
mRNA	CA06g10410	Pepper1.55ch06:168234692-168236782	TC	TD	OK	24.728	57.5077	1.21761	2.71345	0.0006	0.0051829	yes
mRNA	CA06g10430	Pepper1.55ch06:168629714-168630434	TC	TD	OK	89.376	220.38	1.30203	2.76124	0.0002	0.0022357	yes
mRNA	CA06g10520	Pepper1.55ch06:170201972-170214503	TC	TD	OK	15.6904	5.00637	-1.64804	-2.9478	0.00045	0.0041816	yes
mRNA	CA06g10630	Pepper1.55ch06:171327865-171328893	TC	TD	OK	22.205	10.292	-1.10935	-2.3931	0.01135	0.0461928	yes
mRNA	CA06g10800	Pepper1.55ch06:174615809-174638940	TC	TD	OK	13.3832	27.0852	1.01708	1.88124	0.0052	0.0263598	yes
mRNA	CA06g10940	Pepper1.55ch06:176127954-176128668	TC	TD	OK	4.58101	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA06g10970	Pepper1.55ch06:177013291-177023918	TC	TD	OK	10.8584	22.7609	1.06774	1.94794	0.00215	0.0136155	yes
mRNA	CA06g10980	Pepper1.55ch06:177235731-177235947	TC	TD	OK	5989.02	45113.4	2.91317	20.5633	5.00E-05	0.0007276	yes
mRNA	CA06g10990	Pepper1.55ch06:177235972-177237916	TC	TD	OK	1155.82	8557.25	2.88824	3.36607	0.0003	0.0030405	yes
mRNA	CA06g11070	Pepper1.55ch06:178929728-178940765	TC	TD	OK	42.247	75.1973	0.83183	1.98128	0.0106	0.0439342	yes
mRNA	CA06g11080	Pepper1.55ch06:178945092-178954946	TC	TD	OK	57.5357	130.236	1.1786	2.56071	0.00065	0.005483	yes
mRNA	CA06g11110	Pepper1.55ch06:179308873-179309185	TC	TD	OK	40.612	6.80953	-2.57628	-6.4618	0.00305	0.0176148	yes

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mRNA	CA06g11310	Pepper1.55ch06:181351601-181352736	TC	TD	OK	109.026	322.458	1.56444	3.38041	5.00E-05	0.0007276	yes
mRNA	CA06g11360	Pepper1.55ch06:181730247-181740828	TC	TD	OK	70.6205	35.9371	-0.97461	-2.0407	0.004	0.0216981	yes
mRNA	CA06g11490	Pepper1.55ch06:182775060-182782598	TC	TD	OK	17.4136	55.7037	1.67756	3.77579	5.00E-05	0.0007276	yes
mRNA	CA06g11500	Pepper1.55ch06:182784413-182788104	TC	TD	OK	8.06181	24.9299	1.6287	2.8782	0.00015	0.0017852	yes
mRNA	CA06g11810	Pepper1.55ch06:184600147-184601327	TC	TD	OK	21.3216	10.391	-1.03698	-2.3267	0.009	0.0391184	yes
mRNA	CA06g11880	Pepper1.55ch06:184842047-184856518	TC	TD	OK	6.5949	13.7068	1.05547	1.97286	0.00405	0.0219063	yes
mRNA	CA06g11890	Pepper1.55ch06:184954420-184959073	TC	TD	OK	3.97456	1.52372	-1.3832	-2.1132	0.0028	0.0165058	yes
mRNA	CA06g11950	Pepper1.55ch06:185460217-185462321	TC	TD	OK	78.0965	32.9993	-1.24282	-2.7503	0.0016	0.0109355	yes
mRNA	CA06g12240	Pepper1.55ch06:188185050-188186891	TC	TD	OK	1.83444	9.00113	2.29477	2.78064	0.0067	0.0316462	yes
mRNA	CA06g12340	Pepper1.55ch06:189283453-189284161	TC	TD	OK	14.6244	29.6872	1.02147	2.1881	0.0107	0.0442636	yes
mRNA	CA06g12360	Pepper1.55ch06:189696321-189702334	TC	TD	OK	27.2187	78.5213	1.52849	3.13461	5.00E-05	0.0007276	yes
mRNA	CA06g12470	Pepper1.55ch06:190876292-190878254	TC	TD	OK	425.966	157.937	-1.43139	-3.2353	0.00055	0.0048567	yes
mRNA	CA06g12530	Pepper1.55ch06:190959192-190960271	TC	TD	OK	3.68736	10.2452	1.47429	2.51145	0.0022	0.0138219	yes
mRNA	CA06g12640	Pepper1.55ch06:192322627-192324229	TC	TD	OK	0.51783	3.2008	2.62787	2.5371	0.0026	0.0156946	yes
mRNA	CA06g12690	Pepper1.55ch06:192539893-192540337	TC	TD	OK	3.33665	13.8421	2.05259	3.52795	0.0056	0.0277718	yes
mRNA	CA06g12740	Pepper1.55ch06:192687471-192700981	TC	TD	OK	8.47324	16.397	0.95244	1.75852	0.00935	0.0401997	yes
mRNA	CA06g12830	Pepper1.55ch06:194014820-194015093	TC	TD	OK	145.505	388.114	1.41541	7.84409	0.0002	0.0022357	yes
mRNA	CA06g12840	Pepper1.55ch06:194019638-194025706	TC	TD	OK	113.405	227.949	1.00723	2.37279	0.0029	0.0169299	yes
mRNA	CA06g12870	Pepper1.55ch06:194437776-194438927	TC	TD	OK	89.383	374.822	2.06814	4.49868	5.00E-05	0.0007276	yes
mRNA	CA06g12890	Pepper1.55ch06:194590015-194591424	TC	TD	OK	28.9635	52.7794	0.86574	1.8306	0.00975	0.0414121	yes
mRNA	CA06g12910	Pepper1.55ch06:194662810-194665895	TC	TD	OK	74.1331	37.4878	-0.9837	-1.9834	0.0032	0.0182162	yes
mRNA	CA06g13090	Pepper1.55ch06:195608342-195609582	TC	TD	OK	50.2695	19.5496	-1.36254	-3.6716	0.00215	0.0136155	yes
mRNA	CA06g13110	Pepper1.55ch06:195674574-195676474	TC	TD	OK	4.84178	1.30324	-1.89343	-2.5676	0.00415	0.0222637	yes
mRNA	CA06g13160	Pepper1.55ch06:196098553-196100199	TC	TD	OK	8.00099	1.52063	-2.39551	-2.7139	0.00285	0.0166768	yes
mRNA	CA06g13190	Pepper1.55ch06:196161389-196163134	TC	TD	OK	18.9026	69.7067	1.88271	4.00683	5.00E-05	0.0007276	yes
mRNA	CA06g13200	Pepper1.55ch06:196191519-196192185	TC	TD	OK	22.7242	77.751	1.77463	3.88167	5.00E-05	0.0007276	yes
mRNA	CA06g13230	Pepper1.55ch06:196266721-196267393	TC	TD	OK	11.8774	26.2073	1.14175	2.39046	0.0078	0.0354654	yes
mRNA	CA06g13240	Pepper1.55ch06:196267428-196267857	TC	TD	OK	7.49744	20.0604	1.41988	3.09929	0.00715	0.0332821	yes
mRNA	CA06g13310	Pepper1.55ch06:196836019-196836319	TC	TD	OK	1508	4830.57	1.67955	7.0509	5.00E-05	0.0007276	yes
mRNA	CA06g13500	Pepper1.55ch06:199244922-199246341	TC	TD	OK	43.0184	118.065	1.45656	3.01813	5.00E-05	0.0007276	yes
mRNA	CA06g13570	Pepper1.55ch06:199512065-199513412	TC	TD	OK	2.63429	6.32276	1.26314	1.81612	0.0082	0.0367964	yes

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mRNA	CA06g13580	Pepper1.55ch06:199697358-199699877	TC	TD	OK	230.661	532.893	1.20807	1.96763	0.00315	0.0180131	yes
mRNA	CA06g13600	Pepper1.55ch06:199858739-199863029	TC	TD	OK	12.1528	79.6238	2.71191	4.94019	5.00E-05	0.0007276	yes
mRNA	CA06g13610	Pepper1.55ch06:200029051-200032546	TC	TD	OK	47.6668	108.391	1.18519	2.1344	0.00055	0.0048567	yes
mRNA	CA06g13630	Pepper1.55ch06:200046932-200052536	TC	TD	OK	11.7179	31.855	1.4428	3.06811	0.00095	0.0073823	yes
mRNA	CA06g13690	Pepper1.55ch06:200318404-200322255	TC	TD	OK	19.7246	7.88247	-1.32328	-2.4808	0.0002	0.0022357	yes
mRNA	CA06g13790	Pepper1.55ch06:200796109-200797048	TC	TD	OK	662.575	252.595	-1.39126	-11.747	0.0002	0.0022357	yes
mRNA	CA06g13830	Pepper1.55ch06:200855394-200862287	TC	TD	OK	185.425	360.405	0.95878	1.78709	0.00855	0.037827	yes
mRNA	CA06g13970	Pepper1.55ch06:201478240-201478945	TC	TD	OK	25.1498	8.47678	-1.56896	-3.5742	0.0004	0.0038157	yes
mRNA	CA06g14000	Pepper1.55ch06:201610455-201612343	TC	TD	OK	445.94	963.664	1.11168	4.67201	0.0016	0.0109355	yes
mRNA	CA06g14130	Pepper1.55ch06:201891051-201894705	TC	TD	OK	54.451	228.718	2.07054	4.93078	5.00E-05	0.0007276	yes
mRNA	CA06g14160	Pepper1.55ch06:201943282-201945338	TC	TD	OK	13.0559	6.0214	-1.11654	-2.0099	0.0055	0.0273839	yes
mRNA	CA06g14250	Pepper1.55ch06:202600706-202603082	TC	TD	OK	381.94	211.386	-0.85347	-2.3029	0.01095	0.0450263	yes
mRNA	CA06g14280	Pepper1.55ch06:202614767-202619150	TC	TD	OK	175.15	652.129	1.89657	5.3698	5.00E-05	0.0007276	yes
mRNA	CA06g14320	Pepper1.55ch06:202766582-202768840	TC	TD	OK	6.0594	14.1192	1.22042	2.20184	0.0011	0.0082588	yes
mRNA	CA06g14470	Pepper1.55ch06:203599275-203602266	TC	TD	OK	14.9911	4.06861	-1.8815	-3.2902	0.0002	0.0022357	yes
mRNA	CA06g14500	Pepper1.55ch06:203743818-203746074	TC	TD	OK	10.6544	27.6813	1.37746	2.77123	0.00085	0.0067798	yes
mRNA	CA06g14680	Pepper1.55ch06:204351338-204353141	TC	TD	OK	6.4744	19.4169	1.58449	2.89817	5.00E-05	0.0007276	yes
mRNA	CA06g15210	Pepper1.55ch06:206273383-206276071	TC	TD	OK	10.953	22.3814	1.03097	2.20779	0.01215	0.048713	yes
mRNA	CA06g15250	Pepper1.55ch06:206342129-206344829	TC	TD	OK	108.167	253.33	1.22775	2.582	0.00055	0.0048567	yes
mRNA	CA06g15260	Pepper1.55ch06:206346284-206349843	TC	TD	OK	10.9975	31.5467	1.52031	3.20144	5.00E-05	0.0007276	yes
mRNA	CA06g15420	Pepper1.55ch06:207171485-207175569	TC	TD	OK	3.35947	8.79994	1.38926	2.46679	0.00335	0.0189202	yes
mRNA	CA06g15510	Pepper1.55ch06:207371085-207372871	TC	TD	OK	111.89	274.69	1.29572	3.75856	0.00025	0.0026513	yes
mRNA	CA06g15520	Pepper1.55ch06:207376099-207378080	TC	TD	OK	10.7361	3.24774	-1.72497	-3.0121	0.00275	0.016281	yes
mRNA	CA06g15580	Pepper1.55ch06:207484443-207485187	TC	TD	OK	1.68716	12.7326	2.91586	4.19502	0.0005	0.0045156	yes
mRNA	CA06g15840	Pepper1.55ch06:208145520-208147296	TC	TD	OK	90.3123	225.351	1.31918	2.29619	0.00035	0.0034365	yes
mRNA	CA06g15940	Pepper1.55ch06:208462197-208465736	TC	TD	OK	1.38393	4.02125	1.53887	2.18919	0.0017	0.0114072	yes
mRNA	CA06g16000	Pepper1.55ch06:208502426-208503143	TC	TD	OK	91.5348	191.941	1.06827	4.8599	0.00325	0.0184521	yes
mRNA	CA06g16160	Pepper1.55ch06:208907916-208911515	TC	TD	OK	6.22609	35.2556	2.50145	4.83553	5.00E-05	0.0007276	yes
mRNA	CA06g16240	Pepper1.55ch06:209329672-209336555	TC	TD	OK	9.73955	4.20033	-1.21335	-2.1454	0.00145	0.0101871	yes
mRNA	CA06g16330	Pepper1.55ch06:209776835-209778048	TC	TD	OK	7.64701	21.2291	1.47308	2.52802	0.0016	0.0109355	yes
mRNA	CA06g16450	Pepper1.55ch06:210140193-210142649	TC	TD	OK	192.813	87.5947	-1.13829	-3.7165	0.00105	0.0079626	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA06g16500	Pepper1.55ch06:210247372-210249364	TC	TD	OK	0.49032	5.2017	3.40719	3.653	0.00085	0.0067798	yes
mRNA	CA06g16510	Pepper1.55ch06:210295131-210297080	TC	TD	OK	18.1364	1.71348	-3.40389	-5.1334	5.00E-05	0.0007276	yes
mRNA	CA06g16520	Pepper1.55ch06:210304894-210306549	TC	TD	OK	4.58208	0.90084	-2.34666	-2.7085	0.00575	0.0283018	yes
mRNA	CA06g16570	Pepper1.55ch06:210603927-210605442	TC	TD	OK	14.4614	33.3981	1.20756	2.31569	0.0009	0.0070813	yes
mRNA	CA06g16590	Pepper1.55ch06:210716579-210717727	TC	TD	OK	5.54784	1.38599	-2.00101	-2.553	0.00475	0.0246925	yes
mRNA	CA06g16720	Pepper1.55ch06:212170882-212181106	TC	TD	OK	20.0087	8.79579	-1.18574	-2.1994	0.001	0.0076526	yes
mRNA	CA06g16770	Pepper1.55ch06:212364672-212365020	TC	TD	OK	82.3115	571.434	2.79542	10.8789	5.00E-05	0.0007276	yes
mRNA	CA06g16880	Pepper1.55ch06:212683546-212692640	TC	TD	OK	1.49518	5.23979	1.80919	2.43815	0.00535	0.0268407	yes
mRNA	CA06g16890	Pepper1.55ch06:212704789-212705455	TC	TD	OK	17.7305	6.299	-1.49304	-3.0321	0.0027	0.0160796	yes
mRNA	CA06g16950	Pepper1.55ch06:212784726-212787852	TC	TD	OK	94.0533	45.1498	-1.05876	-1.9724	0.00215	0.0136155	yes
mRNA	CA06g17010	Pepper1.55ch06:212866279-212867098	TC	TD	OK	50.5485	104.919	1.05354	2.29984	0.0019	0.0124233	yes
mRNA	CA06g17100	Pepper1.55ch06:213032049-213035762	TC	TD	OK	84.0441	40.3521	-1.0585	-1.8275	0.0033	0.0186798	yes
mRNA	CA06g17190	Pepper1.55ch06:213108924-213111438	TC	TD	OK	42.2345	96.5606	1.19301	2.24428	0.00035	0.0034365	yes
mRNA	CA06g17210	Pepper1.55ch06:213115729-213118635	TC	TD	OK	1.87439	8.9954	2.26277	3.31245	5.00E-05	0.0007276	yes
mRNA	CA06g17420	Pepper1.55ch06:213759529-213767573	TC	TD	OK	9.73258	23.7201	1.28522	2.41255	0.0004	0.0038157	yes
mRNA	CA06g17470	Pepper1.55ch06:213864537-213866203	TC	TD	OK	27.808	12.3134	-1.17528	-2.3578	0.0015	0.010446	yes
mRNA	CA06g17500	Pepper1.55ch06:213911850-213913090	TC	TD	OK	56.0446	109.862	0.97105	3.34301	0.00775	0.0352806	yes
mRNA	CA06g17560	Pepper1.55ch06:214315058-214325601	TC	TD	OK	35.3872	18.9316	-0.90243	-1.7067	0.0078	0.0354654	yes
mRNA	CA06g17570	Pepper1.55ch06:214327152-214330607	TC	TD	OK	4.09204	1.04246	-1.97283	-2.6207	0.00085	0.0067798	yes
mRNA	CA06g17620	Pepper1.55ch06:214452137-214455204	TC	TD	OK	3.10365	1.248	-1.31435	-1.8416	0.00845	0.0375387	yes
mRNA	CA06g17690	Pepper1.55ch06:215705754-215711551	TC	TD	OK	96.6658	41.7939	-1.20971	-3.5209	0.00055	0.0048567	yes
mRNA	CA06g17740	Pepper1.55ch06:215946823-215950288	TC	TD	OK	8.07622	2.33242	-1.79186	-2.9345	0.001	0.0076526	yes
mRNA	CA06g17750	Pepper1.55ch06:215951045-215962158	TC	TD	OK	12.4368	5.35504	-1.21565	-2.1414	0.0007	0.0057915	yes
mRNA	CA06g17760	Pepper1.55ch06:216070085-216075975	TC	TD	OK	8.60498	1.96642	-2.1296	-3.2305	5.00E-05	0.0007276	yes
mRNA	CA06g17830	Pepper1.55ch06:216208764-216209049	TC	TD	OK	107.884	33.2415	-1.69842	-7.3636	0.0003	0.0030405	yes
mRNA	CA06g17900	Pepper1.55ch06:216265142-216266634	TC	TD	OK	285.71	786.582	1.46104	4.00872	5.00E-05	0.0007276	yes
mRNA	CA06g18060	Pepper1.55ch06:216732866-216733329	TC	TD	OK	0	16.6487	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA06g18130	Pepper1.55ch06:216785151-216785638	TC	TD	OK	25.5216	52.3899	1.03757	2.74808	0.00855	0.037827	yes
mRNA	CA06g18200	Pepper1.55ch06:216893294-216893702	TC	TD	OK	7.7508	20.1732	1.38002	3.07665	0.0068	0.0320183	yes
mRNA	CA06g18300	Pepper1.55ch06:217009504-217010075	TC	TD	OK	1063.72	415.064	-1.35772	-6.3543	0.0003	0.0030405	yes
mRNA	CA06g18330	Pepper1.55ch06:217025696-217031640	TC	TD	OK	8.35213	97.7645	3.5491	7.33895	5.00E-05	0.0007276	yes

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mRNA	CA06g18350	Pepper1.55ch06:217087165-217088105	TC	TD	OK	9.90065	23.1299	1.22416	2.66421	0.00355	0.019776	yes
mRNA	CA06g18470	Pepper1.55ch06:217334960-217337728	TC	TD	OK	42.6417	13.8478	-1.6226	-3.4463	5.00E-05	0.0007276	yes
mRNA	CA06g18630	Pepper1.55ch06:217698291-217698887	TC	TD	OK	17.6863	5.94478	-1.57293	-3.2359	0.00795	0.0359417	yes
mRNA	CA06g18720	Pepper1.55ch06:217830411-217831545	TC	TD	OK	21.3575	43.4995	1.02625	2.13095	0.00285	0.0166768	yes
mRNA	CA06g18730	Pepper1.55ch06:217874305-217876498	TC	TD	OK	20.2051	7.79101	-1.37484	-2.6351	5.00E-05	0.0007276	yes
mRNA	CA06g18800	Pepper1.55ch06:218096995-218098038	TC	TD	OK	12.0249	3.6473	-1.72112	-2.9824	0.00305	0.0176148	yes
mRNA	CA06g18840	Pepper1.55ch06:218136916-218139188	TC	TD	OK	14.639	40.4953	1.46794	2.79372	5.00E-05	0.0007276	yes
mRNA	CA06g19040	Pepper1.55ch06:218605845-218610178	TC	TD	OK	95.0883	46.4279	-1.03428	-2.6113	0.0023	0.0143131	yes
mRNA	CA06g19080	Pepper1.55ch06:218692704-218693804	TC	TD	OK	224.19	16.0645	-3.80278	-15.11	5.00E-05	0.0007276	yes
mRNA	CA06g19160	Pepper1.55ch06:218741025-218747699	TC	TD	OK	1458.43	3281.22	1.16981	3.04116	0.00465	0.0242646	yes
mRNA	CA06g19180	Pepper1.55ch06:218785077-218791596	TC	TD	OK	99.6053	49.1087	-1.02024	-2.1097	0.0031	0.0178014	yes
mRNA	CA06g19220	Pepper1.55ch06:218823816-218830247	TC	TD	OK	7.00805	20.7903	1.56883	2.76493	5.00E-05	0.0007276	yes
mRNA	CA06g19500	Pepper1.55ch06:219261055-219266136	TC	TD	OK	47.7856	22.5939	-1.08064	-2.2364	0.0015	0.010446	yes
mRNA	CA06g19530	Pepper1.55ch06:219384421-219385351	TC	TD	OK	21.4247	7.66916	-1.48213	-3.4157	0.00235	0.0145463	yes
mRNA	CA06g19540	Pepper1.55ch06:219388771-219395547	TC	TD	OK	20.2481	8.24117	-1.29687	-2.6588	0.00045	0.0041816	yes
mRNA	CA06g19550	Pepper1.55ch06:219419109-219426170	TC	TD	OK	7.93812	18.2585	1.2017	2.08567	0.0009	0.0070813	yes
mRNA	CA06g19560	Pepper1.55ch06:219429080-219429554	TC	TD	OK	19.2703	48.9778	1.34575	3.37753	0.0009	0.0070813	yes
mRNA	CA06g19580	Pepper1.55ch06:219477978-219481953	TC	TD	OK	6.81172	22.6437	1.73302	3.19488	5.00E-05	0.0007276	yes
mRNA	CA06g19590	Pepper1.55ch06:219487414-219491074	TC	TD	OK	17.3479	43.3097	1.31993	2.79224	0.00025	0.0026513	yes
mRNA	CA06g19600	Pepper1.55ch06:219493203-219493560	TC	TD	OK	11.5759	31.1662	1.42886	3.62082	0.0089	0.0388403	yes
mRNA	CA06g19610	Pepper1.55ch06:219498768-219503338	TC	TD	OK	17.7213	38.5462	1.1211	2.29876	0.00085	0.0067798	yes
mRNA	CA06g19650	Pepper1.55ch06:219539409-219545971	TC	TD	OK	96.7631	294.411	1.6053	3.00063	5.00E-05	0.0007276	yes
mRNA	CA06g19670	Pepper1.55ch06:219567609-219569033	TC	TD	OK	7.63027	1.44943	-2.39625	-3.1028	0.0017	0.0114072	yes
mRNA	CA06g19860	Pepper1.55ch06:220356565-220359721	TC	TD	OK	8.95209	1.75196	-2.35325	-3.186	0.00055	0.0048567	yes
mRNA	CA06g19870	Pepper1.55ch06:220364250-220367919	TC	TD	OK	8.73689	25.0837	1.52156	2.73414	0.0001	0.0012767	yes
mRNA	CA06g19880	Pepper1.55ch06:220380421-220382366	TC	TD	OK	105.8	316.683	1.5817	2.76478	0.00015	0.0017852	yes
mRNA	CA06g19960	Pepper1.55ch06:220487006-220487456	TC	TD	OK	1360.43	3230.54	1.24771	2.70001	0.0049	0.0252289	yes
mRNA	CA06g20030	Pepper1.55ch06:220598158-220601504	TC	TD	OK	8.5316	0.71307	-3.58071	-3.6002	0.00515	0.0261679	yes
mRNA	CA06g20120	Pepper1.55ch06:220643581-220644202	TC	TD	OK	50.2688	25.4793	-0.98034	-2.2456	0.0077	0.035106	yes
mRNA	CA06g20430	Pepper1.55ch06:222999500-222999805	TC	TD	OK	2053.08	919.583	-1.15874	-11.448	0.0008	0.0064526	yes
mRNA	CA06g20690	Pepper1.55ch06:223877786-223878274	TC	TD	OK	0	38.8872	inf	nan	5.00E-05	0.0007276	yes

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mRNA	CA06g20700	Pepper1.55ch06:223879724-223880432	TC	TD	OK	10.3225	1723.2	7.38315	13.4839	5.00E-05	0.0007276	yes
mRNA	CA06g20710	Pepper1.55ch06:223881786-223882464	TC	TD	OK	2.84666	3860.08	10.4051	14.4036	5.00E-05	0.0007276	yes
mRNA	CA06g20720	Pepper1.55ch06:223886561-223887200	TC	TD	OK	55.2517	29.6852	-0.89628	-2.0485	0.01045	0.0435037	yes
mRNA	CA06g20840	Pepper1.55ch06:224103687-224105156	TC	TD	OK	9.20506	21.1004	1.19677	2.61219	0.0108	0.0445795	yes
mRNA	CA06g20880	Pepper1.55ch06:224205748-224208949	TC	TD	OK	9.20462	2.2735	-2.01744	-3.0945	0.00045	0.0041816	yes
mRNA	CA06g20910	Pepper1.55ch06:224227942-224228980	TC	TD	OK	506.638	90.4619	-2.48557	-3.4234	5.00E-05	0.0007276	yes
mRNA	CA06g20960	Pepper1.55ch06:224333453-224336236	TC	TD	OK	395.259	200.676	-0.97793	-2.0847	0.0061	0.0296378	yes
mRNA	CA06g21000	Pepper1.55ch06:224356730-224357186	TC	TD	OK	6.30085	1.00741	-2.64489	-2.2024	0.00925	0.0399062	yes
mRNA	CA06g21130	Pepper1.55ch06:224594461-224596199	TC	TD	OK	2.15713	7.10637	1.72	2.78084	0.0047	0.0244747	yes
mRNA	CA06g21160	Pepper1.55ch06:224714060-224714825	TC	TD	OK	13.9733	5.45389	-1.35732	-2.063	0.00265	0.0158947	yes
mRNA	CA06g21170	Pepper1.55ch06:224741677-224742837	TC	TD	OK	8.57325	24.3277	1.50469	3.8661	0.0112	0.0458047	yes
mRNA	CA06g21330	Pepper1.55ch06:224895545-224899764	TC	TD	OK	3.63905	0.72381	-2.32988	-3.1695	5.00E-05	0.0007276	yes
mRNA	CA06g21380	Pepper1.55ch06:224949746-224950506	TC	TD	OK	12.1497	160.818	3.72644	9.83751	5.00E-05	0.0007276	yes
mRNA	CA06g21400	Pepper1.55ch06:225010860-225012360	TC	TD	OK	4.37194	1.53698	-1.50818	-2.0992	0.00545	0.0272608	yes
mRNA	CA06g21410	Pepper1.55ch06:225028323-225029823	TC	TD	OK	5.59958	28.6102	2.35314	4.14035	5.00E-05	0.0007276	yes
mRNA	CA06g21420	Pepper1.55ch06:225030921-225032407	TC	TD	OK	4.31337	12.5057	1.5357	2.64048	0.0004	0.0038157	yes
mRNA	CA06g21540	Pepper1.55ch06:225204567-225205584	TC	TD	OK	10.4448	41.0816	1.97571	3.59855	5.00E-05	0.0007276	yes
mRNA	CA06g21560	Pepper1.55ch06:225210430-225212527	TC	TD	OK	1.6346	5.15157	1.65608	2.25955	0.00155	0.0107004	yes
mRNA	CA06g21570	Pepper1.55ch06:225214896-225217182	TC	TD	OK	5.8519	12.8165	1.13102	2.01256	0.00475	0.0246925	yes
mRNA	CA06g21630	Pepper1.55ch06:225350319-225352194	TC	TD	OK	17.6027	7.72661	-1.18789	-2.3347	0.00535	0.0268407	yes
mRNA	CA06g21690	Pepper1.55ch06:225421391-225427570	TC	TD	OK	20.8055	8.48414	-1.29413	-2.5813	0.0012	0.008808	yes
mRNA	CA06g21820	Pepper1.55ch06:225613245-225618955	TC	TD	OK	7.27899	17.011	1.22466	2.33026	0.0042	0.0224124	yes
mRNA	CA06g21840	Pepper1.55ch06:225625270-225625723	TC	TD	OK	173.762	77.6516	-1.16202	-2.9338	0.0017	0.0114072	yes
mRNA	CA06g21850	Pepper1.55ch06:225631957-225635408	TC	TD	OK	27.7394	9.02425	-1.62006	-3.1336	0.00015	0.0017852	yes
mRNA	CA06g21870	Pepper1.55ch06:225646203-225652880	TC	TD	OK	61.5235	30.2769	-1.02292	-2.1581	0.00285	0.0166768	yes
mRNA	CA06g21880	Pepper1.55ch06:225662393-225662801	TC	TD	OK	254.539	122.881	-1.05063	-3.4537	0.00195	0.0126842	yes
mRNA	CA06g21940	Pepper1.55ch06:225792838-225796663	TC	TD	OK	4.07737	1.1587	-1.81513	-2.4229	0.00275	0.016281	yes
mRNA	CA06g21980	Pepper1.55ch06:225899871-225905916	TC	TD	OK	24.606	11.2073	-1.13457	-2.4091	0.00235	0.0145463	yes
mRNA	CA06g21990	Pepper1.55ch06:225907037-225915187	TC	TD	OK	17.0305	8.21842	-1.05119	-2.0753	0.00615	0.0297658	yes
mRNA	CA06g22040	Pepper1.55ch06:226002182-226003436	TC	TD	OK	90.2751	169.426	0.90826	2.33111	0.007	0.0327557	yes
mRNA	CA06g22050	Pepper1.55ch06:226005923-226009151	TC	TD	OK	269.13	592.853	1.13937	3.30483	0.0012	0.008808	yes

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mRNA	CA06g22120	Pepper1.55ch06:226102873-226107883	TC	TD	OK	32.7471	17.6326	-0.89312	-1.8716	0.0094	0.0403457	yes
mRNA	CA06g22130	Pepper1.55ch06:226111590-226114475	TC	TD	OK	23.0342	63.0692	1.45316	3.19362	0.00015	0.0017852	yes
mRNA	CA06g22170	Pepper1.55ch06:226318067-226319111	TC	TD	OK	2.55905	6.59426	1.36561	1.98063	0.004	0.0216981	yes
mRNA	CA06g22500	Pepper1.55ch06:227100502-227108862	TC	TD	OK	32.808	68.5245	1.06257	2.06759	0.00155	0.0107004	yes
mRNA	CA06g22550	Pepper1.55ch06:227132323-227132587	TC	TD	OK	49.5485	200.995	2.02025	17.8974	0.00155	0.0107004	yes
mRNA	CA06g22570	Pepper1.55ch06:227142423-227147080	TC	TD	OK	4.5344	1.85235	-1.29156	-1.8119	0.01055	0.0437751	yes
mRNA	CA06g22620	Pepper1.55ch06:227275436-227278563	TC	TD	OK	25.0998	56.8536	1.17957	3.05889	0.0023	0.0143131	yes
mRNA	CA06g22670	Pepper1.55ch06:227372421-227373810	TC	TD	OK	8.75642	3.62673	-1.27167	-2.263	0.00415	0.0222637	yes
mRNA	CA06g22700	Pepper1.55ch06:227423209-227423997	TC	TD	OK	149.574	640.278	2.09784	3.77074	5.00E-05	0.0007276	yes
mRNA	CA06g22720	Pepper1.55ch06:227521065-227524395	TC	TD	OK	5.01229	10.3158	1.04132	1.71722	0.0101	0.0424566	yes
mRNA	CA06g22830	Pepper1.55ch06:227644541-227646722	TC	TD	OK	362.691	103.563	-1.80823	-5.957	5.00E-05	0.0007276	yes
mRNA	CA06g22850	Pepper1.55ch06:227692588-227693779	TC	TD	OK	49.5578	25.5533	-0.9556	-2.5053	0.00995	0.042025	yes
mRNA	CA06g22870	Pepper1.55ch06:227713572-227717920	TC	TD	OK	37.1468	92.459	1.31558	3.31727	5.00E-05	0.0007276	yes
mRNA	CA06g22920	Pepper1.55ch06:227737790-227738246	TC	TD	OK	54.2276	115.623	1.09233	3.19701	0.00235	0.0145463	yes
mRNA	CA06g22930	Pepper1.55ch06:227741505-227743846	TC	TD	OK	519.747	254.578	-1.0297	-2.4747	0.003	0.0173859	yes
mRNA	CA06g22970	Pepper1.55ch06:227817448-227819705	TC	TD	OK	78.8857	233.655	1.56654	3.28205	5.00E-05	0.0007276	yes
mRNA	CA06g23060	Pepper1.55ch06:227985509-227990735	TC	TD	OK	1.28037	9.15657	2.83825	3.81361	0.00025	0.0026513	yes
mRNA	CA06g23070	Pepper1.55ch06:227990737-227991857	TC	TD	OK	2.37873	10.2499	2.10735	3.31074	0.00565	0.0279371	yes
mRNA	CA06g23130	Pepper1.55ch06:228148745-228150705	TC	TD	OK	275.544	117.43	-1.23048	-3.344	0.00055	0.0048567	yes
mRNA	CA06g23210	Pepper1.55ch06:228314799-228315666	TC	TD	OK	7.34648	17.3804	1.24233	2.26404	0.00255	0.0155107	yes
mRNA	CA06g23320	Pepper1.55ch06:228607270-228608614	TC	TD	OK	109.564	34.7597	-1.65628	-3.1967	5.00E-05	0.0007276	yes
mRNA	CA06g23330	Pepper1.55ch06:228643300-228647088	TC	TD	OK	169.64	327.404	0.94859	1.99648	0.0065	0.0310514	yes
mRNA	CA06g23370	Pepper1.55ch06:228704864-228705218	TC	TD	OK	10.105	72.2098	2.83713	7.69181	5.00E-05	0.0007276	yes
mRNA	CA06g23430	Pepper1.55ch06:228766936-228770757	TC	TD	OK	23.5184	12.7163	-0.88711	-1.7692	0.01075	0.0444218	yes
mRNA	CA06g23480	Pepper1.55ch06:228933665-228934100	TC	TD	OK	848.686	256.414	-1.72675	-5.255	5.00E-05	0.0007276	yes
mRNA	CA06g23490	Pepper1.55ch06:228940935-228941370	TC	TD	OK	974.696	359.843	-1.43758	-4.4188	5.00E-05	0.0007276	yes
mRNA	CA06g23620	Pepper1.55ch06:229227655-229228366	TC	TD	OK	3.57565	22.6043	2.66032	4.59525	5.00E-05	0.0007276	yes
mRNA	CA06g23640	Pepper1.55ch06:229253282-229257884	TC	TD	OK	13.313	5.82652	-1.19213	-2.156	0.0006	0.0051829	yes
mRNA	CA06g23700	Pepper1.55ch06:229400493-229401201	TC	TD	OK	5.19904	13.3354	1.35894	2.65412	0.00395	0.0215352	yes
mRNA	CA06g23710	Pepper1.55ch06:229401228-229401743	TC	TD	OK	2.83598	22.1493	2.96534	4.40543	0.01125	0.045922	yes
mRNA	CA06g23720	Pepper1.55ch06:229414069-229416021	TC	TD	OK	15.2761	39.2348	1.36086	2.62817	0.0001	0.0012767	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA06g23730	Pepper1.55ch06:229421386-229422136	TC	TD	OK	10.6491	3.52586	-1.59468	-2.7361	0.0019	0.0124233	yes
mRNA	CA06g23810	Pepper1.55ch06:229528094-229528586	TC	TD	OK	15.7513	3.15969	-2.31762	-4.1139	0.0021	0.0134057	yes
mRNA	CA06g24010	Pepper1.55ch06:229818211-229818670	TC	TD	OK	91.1948	292.688	1.68234	4.32703	5.00E-05	0.0007276	yes
mRNA	CA06g24020	Pepper1.55ch06:229861446-229878987	TC	TD	OK	7.22525	19.384	1.42375	2.69812	5.00E-05	0.0007276	yes
mRNA	CA06g24140	Pepper1.55ch06:230084136-230084361	TC	TD	OK	37.8614	333.857	3.14043	19.9035	5.00E-05	0.0007276	yes
mRNA	CA06g24160	Pepper1.55ch06:230102427-230103073	TC	TD	OK	83.1198	311.921	1.90792	5.39222	5.00E-05	0.0007276	yes
mRNA	CA06g24170	Pepper1.55ch06:230103151-230105351	TC	TD	OK	88.1677	291.299	1.72418	4.03257	5.00E-05	0.0007276	yes
mRNA	CA06g24200	Pepper1.55ch06:230143991-230148644	TC	TD	OK	24.6536	6.72338	-1.87454	-3.558	5.00E-05	0.0007276	yes
mRNA	CA06g24280	Pepper1.55ch06:230280243-230280597	TC	TD	OK	253.602	126.517	-1.00324	-3.5609	0.0075	0.0344543	yes
mRNA	CA06g24300	Pepper1.55ch06:230299059-230302341	TC	TD	OK	5.18597	1.18409	-2.13083	-2.8818	0.0005	0.0045156	yes
mRNA	CA06g24390	Pepper1.55ch06:230467583-230468081	TC	TD	OK	28.243	63.0653	1.15895	2.55516	0.00515	0.0261679	yes
mRNA	CA06g24420	Pepper1.55ch06:230488755-230490486	TC	TD	OK	954.296	495.162	-0.94654	-4.8066	0.00465	0.0242646	yes
mRNA	CA06g24430	Pepper1.55ch06:230500825-230501137	TC	TD	OK	1710.8	464.44	-1.8811	-7.8233	5.00E-05	0.0007276	yes
mRNA	CA06g24450	Pepper1.55ch06:230513629-230513941	TC	TD	OK	1541.47	414.315	-1.89551	-8.3175	5.00E-05	0.0007276	yes
mRNA	CA06g24590	Pepper1.55ch06:230843058-230846115	TC	TD	OK	40.8554	81.1863	0.99071	1.75266	0.00535	0.0268407	yes
mRNA	CA06g24620	Pepper1.55ch06:230886787-230890743	TC	TD	OK	8.34436	4.03328	-1.04885	-1.8187	0.00405	0.0219063	yes
mRNA	CA06g24660	Pepper1.55ch06:231052056-231054198	TC	TD	OK	18.4454	8.23457	-1.16349	-2.1605	0.00825	0.0369329	yes
mRNA	CA06g24670	Pepper1.55ch06:231076379-231081992	TC	TD	OK	19.3765	60.6013	1.64504	3.68345	5.00E-05	0.0007276	yes
mRNA	CA06g24750	Pepper1.55ch06:231165488-231168701	TC	TD	OK	10.669	4.06365	-1.39258	-2.5435	0.0005	0.0045156	yes
mRNA	CA06g24770	Pepper1.55ch06:231272774-231273656	TC	TD	OK	10.7698	36.1801	1.7482	3.286	5.00E-05	0.0007276	yes
mRNA	CA06g24830	Pepper1.55ch06:231320138-231322157	TC	TD	OK	9.42097	86.5813	3.20011	5.87345	5.00E-05	0.0007276	yes
mRNA	CA06g24840	Pepper1.55ch06:231324049-231327255	TC	TD	OK	75.9279	322.852	2.08817	4.83365	5.00E-05	0.0007276	yes
mRNA	CA06g24890	Pepper1.55ch06:231384365-231386271	TC	TD	OK	45.1506	11.4162	-1.98366	-4.5476	5.00E-05	0.0007276	yes
mRNA	CA06g24920	Pepper1.55ch06:231532582-231536687	TC	TD	OK	26.6577	12.9547	-1.04108	-2.1458	0.00665	0.0314889	yes
mRNA	CA06g25000	Pepper1.55ch06:231653331-231656026	TC	TD	OK	103.996	32.1791	-1.69233	-3.4763	5.00E-05	0.0007276	yes
mRNA	CA06g25030	Pepper1.55ch06:231676611-231678194	TC	TD	OK	88.8974	17.5764	-2.33851	-4.8534	5.00E-05	0.0007276	yes
mRNA	CA06g25140	Pepper1.55ch06:231829441-231831249	TC	TD	OK	1.068	11.0371	3.36938	4.32791	5.00E-05	0.0007276	yes
mRNA	CA06g25220	Pepper1.55ch06:232004070-232007239	TC	TD	OK	32.7109	239.79	2.87393	6.69605	5.00E-05	0.0007276	yes
mRNA	CA06g25230	Pepper1.55ch06:232010048-232010471	TC	TD	OK	207.169	481.321	1.21619	3.57994	0.00065	0.005483	yes
mRNA	CA06g25250	Pepper1.55ch06:232017511-232021268	TC	TD	OK	2.92262	1.36837	-1.09481	-1.7117	0.01065	0.0441173	yes
mRNA	CA06g25260	Pepper1.55ch06:232037212-232040240	TC	TD	OK	10.4901	1.51486	-2.79177	-3.8721	0.0003	0.0030405	yes

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mRNA	CA06g25370	Pepper1.55ch06:232209256-232211320	TC	TD	OK	129.356	617.352	2.25475	3.57335	5.00E-05	0.0007276	yes
mRNA	CA06g25410	Pepper1.55ch06:232300646-232302685	TC	TD	OK	26.8396	131.451	2.29209	3.74702	5.00E-05	0.0007276	yes
mRNA	CA06g25450	Pepper1.55ch06:232381451-232384466	TC	TD	OK	3.83867	8.25229	1.10419	1.79929	0.0035	0.0195624	yes
mRNA	CA06g25570	Pepper1.55ch06:232446941-232448204	TC	TD	OK	73.3873	148.484	1.0167	2.67597	0.002	0.012937	yes
mRNA	CA06g25600	Pepper1.55ch06:232670564-232671314	TC	TD	OK	15.2934	35.795	1.22685	2.36907	0.0019	0.0124233	yes
mRNA	CA06g25680	Pepper1.55ch06:232817643-232821771	TC	TD	OK	2.63962	6.21794	1.23611	1.84928	0.00775	0.0352806	yes
mRNA	CA06g25790	Pepper1.55ch06:233069186-233070750	TC	TD	OK	38.2216	112.107	1.55241	3.85496	5.00E-05	0.0007276	yes
mRNA	CA06g25800	Pepper1.55ch06:233074968-233076219	TC	TD	OK	157.666	396.309	1.32975	2.17563	0.00065	0.005483	yes
mRNA	CA06g25810	Pepper1.55ch06:233082133-233083105	TC	TD	OK	10.861	2.18321	-2.31464	-3.5028	0.0052	0.0263598	yes
mRNA	CA06g26000	Pepper1.55ch06:233321920-233324418	TC	TD	OK	9.83976	3.85301	-1.35264	-2.394	0.0006	0.0051829	yes
mRNA	CA06g26090	Pepper1.55ch06:233387389-233389179	TC	TD	OK	31.9637	14.9832	-1.09309	-2.3437	0.0051	0.0260014	yes
mRNA	CA06g26130	Pepper1.55ch06:233420170-233426343	TC	TD	OK	11.6799	5.73638	-1.02581	-1.8595	0.0116	0.0470453	yes
mRNA	CA06g26270	Pepper1.55ch06:233691360-233692927	TC	TD	OK	351.083	179.342	-0.9691	-2.3566	0.00635	0.030499	yes
mRNA	CA06g26280	Pepper1.55ch06:233697063-233699150	TC	TD	OK	199.275	63.9262	-1.64028	-3.9766	5.00E-05	0.0007276	yes
mRNA	CA06g26310	Pepper1.55ch06:233757591-233757807	TC	TD	OK	84.3088	509.251	2.59462	18.1671	5.00E-05	0.0007276	yes
mRNA	CA06g26350	Pepper1.55ch06:233812636-233820495	TC	TD	OK	10.7885	3.92929	-1.45715	-2.6339	0.00055	0.0048567	yes
mRNA	CA06g26370	Pepper1.55ch06:233895507-233903091	TC	TD	OK	20.5852	6.99589	-1.55702	-2.9431	5.00E-05	0.0007276	yes
mRNA	CA06g26460	Pepper1.55ch06:234032862-234035138	TC	TD	OK	91.4017	42.1725	-1.11592	-2.5089	0.0014	0.009905	yes
mRNA	CA06g26630	Pepper1.55ch06:234239709-234243973	TC	TD	OK	4.01134	0.79713	-2.33121	-2.8551	0.00105	0.0079626	yes
mRNA	CA06g26660	Pepper1.55ch06:234291640-234292167	TC	TD	OK	150.704	34.1703	-2.1409	-6.2947	5.00E-05	0.0007276	yes
mRNA	CA06g26680	Pepper1.55ch06:234317263-234318487	TC	TD	OK	3.86152	1.46013	-1.40307	-1.9164	0.00905	0.0392453	yes
mRNA	CA06g26740	Pepper1.55ch06:234350265-234352687	TC	TD	OK	16.3063	4.35096	-1.90602	-3.3917	0.00105	0.0079626	yes
mRNA	CA06g26750	Pepper1.55ch06:234353787-234356861	TC	TD	OK	6.57926	2.47362	-1.4113	-2.1354	0.00165	0.011156	yes
mRNA	CA06g26790	Pepper1.55ch06:234456316-234457207	TC	TD	OK	2.03423	17.877	3.13555	4.2237	5.00E-05	0.0007276	yes
mRNA	CA06g26860	Pepper1.55ch06:234534602-234535494	TC	TD	OK	1.88341	8.51181	2.17612	3.22558	0.00065	0.005483	yes
mRNA	CA06g26920	Pepper1.55ch06:234578516-234581499	TC	TD	OK	21.3141	9.24038	-1.20579	-2.6303	0.0088	0.0385265	yes
mRNA	CA06g26990	Pepper1.55ch06:234658056-234659356	TC	TD	OK	16.5124	62.9275	1.93014	4.17435	5.00E-05	0.0007276	yes
mRNA	CA06g27110	Pepper1.55ch06:234848558-234849026	TC	TD	OK	26.2452	102.341	1.96326	5.39848	5.00E-05	0.0007276	yes
mRNA	CA06g27120	Pepper1.55ch06:234852439-234853632	TC	TD	OK	9.8303	30.1898	1.61875	3.64628	0.0007	0.0057915	yes
mRNA	CA06g27450	Pepper1.55ch06:235400198-235413224	TC	TD	OK	14.3174	26.1535	0.86923	1.61238	0.009	0.0391184	yes
mRNA	CA06g27460	Pepper1.55ch06:235416585-235417281	TC	TD	OK	5.17082	14.368	1.47439	2.95761	0.00935	0.0401997	yes

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mRNA	CA06g27470	Pepper1.55ch06:235433692-235439811	TC	TD	OK	63.6467	192.092	1.59364	2.88923	5.00E-05	0.0007276	yes
mRNA	CA06g27570	Pepper1.55ch06:235541669-235546778	TC	TD	OK	6.70816	2.16785	-1.62965	-2.5702	0.0008	0.0064526	yes
mRNA	CA06g27610	Pepper1.55ch06:235568012-235571326	TC	TD	OK	74.3346	145.179	0.96573	2.07609	0.0039	0.0213552	yes
mRNA	CA06g27630	Pepper1.55ch06:235639678-235646989	TC	TD	OK	30.4877	12.9619	-1.23395	-2.3658	0.00085	0.0067798	yes
mRNA	CA06g27710	Pepper1.55ch06:235746139-235746376	TC	TD	OK	115.351	21.6326	-2.41475	-11.589	0.0008	0.0064526	yes
mRNA	CA06g27740	Pepper1.55ch06:235773942-235774631	TC	TD	OK	136.314	342.448	1.32895	3.74249	0.00045	0.0041816	yes
mRNA	CA06g27750	Pepper1.55ch06:235782293-235786904	TC	TD	OK	27.7758	55.8293	1.00719	2.0179	0.00225	0.0140483	yes
mRNA	CA06g27890	Pepper1.55ch06:236120449-236123226	TC	TD	OK	8.09491	1.88945	-2.09905	-2.9376	0.00475	0.0246925	yes
mRNA	CA06g27910	Pepper1.55ch06:236168577-236169178	TC	TD	OK	9.76953	1.1074	-3.14112	-2.8914	0.00525	0.0265153	yes
mRNA	CA06g27990	Pepper1.55ch06:236242199-236245083	TC	TD	OK	711.498	325.373	-1.12877	-3.5067	0.0015	0.010446	yes
mRNA	CA06g28010	Pepper1.55ch06:236258691-236263876	TC	TD	OK	173.222	84.2747	-1.03945	-2.2248	0.0023	0.0143131	yes
mRNA	CA06g28020	Pepper1.55ch06:236267230-236269079	TC	TD	OK	961.951	451.557	-1.09106	-3.1305	0.00165	0.0111156	yes
mRNA	CA06g28060	Pepper1.55ch06:236293095-236295270	TC	TD	OK	6.56512	3.36098	-0.96594	-1.6574	0.01195	0.0480644	yes
mRNA	CA06g28140	Pepper1.55ch06:236447011-236449306	TC	TD	OK	366.358	179.984	-1.02539	-4.1704	0.0035	0.0195624	yes
mRNA	CA06g28300	Pepper1.55ch06:236621920-236625045	TC	TD	OK	589.235	1319.78	1.16338	2.49238	0.0026	0.0156946	yes
mRNA	CA06g28370	Pepper1.55ch06:236741939-236744315	TC	TD	OK	5.26623	10.8999	1.04948	1.94466	0.01215	0.048713	yes
mRNA	CA06g28420	Pepper1.55ch06:236825047-236828279	TC	TD	OK	135.914	52.8549	-1.36259	-4.1263	0.00065	0.005483	yes
mRNA	CA07g00160	Pepper1.55ch07:789949-794284	TC	TD	OK	15.6108	6.80912	-1.19701	-2.2033	0.0009	0.0070813	yes
mRNA	CA07g00400	Pepper1.55ch07:1473017-1480134	TC	TD	OK	3.46438	7.02696	1.0203	1.75452	0.0053	0.0266964	yes
mRNA	CA07g00490	Pepper1.55ch07:1580653-1589000	TC	TD	OK	27.8468	49.9831	0.84393	1.64581	0.01175	0.0474242	yes
mRNA	CA07g00600	Pepper1.55ch07:1774867-1777626	TC	TD	OK	9.97999	3.35117	-1.57437	-2.5399	0.0008	0.0064526	yes
mRNA	CA07g01140	Pepper1.55ch07:3253328-3257593	TC	TD	OK	28.3655	11.6187	-1.28769	-3.1248	0.00135	0.0096189	yes
mRNA	CA07g01380	Pepper1.55ch07:3774195-3775509	TC	TD	OK	10.9091	52.3398	2.26237	4.29367	5.00E-05	0.0007276	yes
mRNA	CA07g01410	Pepper1.55ch07:3802793-3808191	TC	TD	OK	6.43954	2.89999	-1.15091	-1.906	0.00655	0.031231	yes
mRNA	CA07g01470	Pepper1.55ch07:3935717-3942686	TC	TD	OK	8.90037	3.44094	-1.37106	-2.5087	0.00135	0.0096189	yes
mRNA	CA07g01570	Pepper1.55ch07:4407902-4411762	TC	TD	OK	8.69671	1.63133	-2.41442	-2.9645	0.00235	0.0145463	yes
mRNA	CA07g01620	Pepper1.55ch07:4524018-4534963	TC	TD	OK	11.4021	21.0347	0.88347	1.60655	0.0098	0.0416011	yes
mRNA	CA07g01680	Pepper1.55ch07:4761598-4767296	TC	TD	OK	8.51529	4.31601	-0.98036	-1.6415	0.00865	0.038113	yes
mRNA	CA07g01850	Pepper1.55ch07:7367964-7370593	TC	TD	OK	29.7668	81.803	1.45845	3.17841	5.00E-05	0.0007276	yes
mRNA	CA07g01900	Pepper1.55ch07:7470344-7471412	TC	TD	OK	25.831	3.4226	-2.91594	-5.085	5.00E-05	0.0007276	yes
mRNA	CA07g02110	Pepper1.55ch07:8196922-8197927	TC	TD	OK	3.40794	0.38158	-3.15884	-2.1163	0.0119	0.0479015	yes

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mRNA	CA07g02140	Pepper1.55ch07:8296208-8297477	TC	TD	OK	68.821	137.042	0.99369	1.80435	0.00645	0.0308908	yes
mRNA	CA07g02150	Pepper1.55ch07:8312639-8312819	TC	TD	OK	23.5056	0	#NAME?	nan	0.00065	0.005483	yes
mRNA	CA07g02210	Pepper1.55ch07:8574844-8575246	TC	TD	OK	290.615	916.221	1.65659	5.35579	5.00E-05	0.0007276	yes
mRNA	CA07g02490	Pepper1.55ch07:9915186-9918861	TC	TD	OK	56.3728	120.189	1.09223	2.91451	0.00105	0.0079626	yes
mRNA	CA07g02530	Pepper1.55ch07:10097162-10102773	TC	TD	OK	9.05273	3.90786	-1.21197	-1.9099	0.0036	0.0200102	yes
mRNA	CA07g02670	Pepper1.55ch07:10664331-10667675	TC	TD	OK	5.90345	2.51285	-1.23223	-2.0956	0.0017	0.0114072	yes
mRNA	CA07g02710	Pepper1.55ch07:10733831-10734812	TC	TD	OK	20.3336	38.7271	0.92948	1.89227	0.00815	0.0366701	yes
mRNA	CA07g02820	Pepper1.55ch07:11950332-11950803	TC	TD	OK	290.341	605.276	1.05984	2.87106	0.0074	0.0340987	yes
mRNA	CA07g02860	Pepper1.55ch07:12140879-12144300	TC	TD	OK	4.55279	0.84388	-2.43165	-2.9735	0.00065	0.005483	yes
mRNA	CA07g02870	Pepper1.55ch07:12147774-12152674	TC	TD	OK	8.61604	19.1739	1.15405	2.17625	0.0023	0.0143131	yes
mRNA	CA07g03090	Pepper1.55ch07:14919812-14921114	TC	TD	OK	62.8407	148.805	1.24365	3.19124	0.00025	0.0026513	yes
mRNA	CA07g03120	Pepper1.55ch07:15233500-15234223	TC	TD	OK	160.42	521.157	1.69987	3.82353	5.00E-05	0.0007276	yes
mRNA	CA07g03200	Pepper1.55ch07:15769806-15777585	TC	TD	OK	32.787	83.8085	1.35397	2.75786	0.00015	0.0017852	yes
mRNA	CA07g03430	Pepper1.55ch07:18455332-18460292	TC	TD	OK	12.9837	4.51508	-1.52387	-2.8369	0.0002	0.0022357	yes
mRNA	CA07g03510	Pepper1.55ch07:19410967-19415999	TC	TD	OK	137.268	473.036	1.78496	2.76349	0.00015	0.0017852	yes
mRNA	CA07g03530	Pepper1.55ch07:19598130-19601269	TC	TD	OK	7.64426	2.91407	-1.39134	-2.2271	0.00185	0.0121861	yes
mRNA	CA07g03630	Pepper1.55ch07:20380384-20381827	TC	TD	OK	12.89	31.4487	1.28675	2.56442	0.00025	0.0026513	yes
mRNA	CA07g03710	Pepper1.55ch07:21298602-21306154	TC	TD	OK	52.02	27.8489	-0.90145	-1.9371	0.00615	0.0297658	yes
mRNA	CA07g03730	Pepper1.55ch07:21484878-21485040	TC	TD	OK	3817	11180.5	1.55048	26.0584	5.00E-05	0.0007276	yes
mRNA	CA07g03740	Pepper1.55ch07:21563729-21564585	TC	TD	OK	56.656	17.6419	-1.68322	-7.846	0.0124	0.0495049	yes
mRNA	CA07g03860	Pepper1.55ch07:24027586-24030498	TC	TD	OK	8.5651	3.50637	-1.28849	-2.2006	0.00785	0.0356391	yes
mRNA	CA07g04030	Pepper1.55ch07:25435930-25436338	TC	TD	OK	135.806	297.465	1.13117	3.67177	0.0016	0.0109355	yes
mRNA	CA07g04220	Pepper1.55ch07:29427163-29428876	TC	TD	OK	4.97105	1.49481	-1.73359	-2.2569	0.0076	0.0347972	yes
mRNA	CA07g04290	Pepper1.55ch07:31435592-31436559	TC	TD	OK	3.50577	10.1456	1.53305	2.76504	0.00815	0.0366701	yes
mRNA	CA07g04300	Pepper1.55ch07:31437226-31438758	TC	TD	OK	6.00896	15.607	1.37701	2.55932	0.01165	0.0471847	yes
mRNA	CA07g04380	Pepper1.55ch07:31846024-31848113	TC	TD	OK	12.6343	33.2524	1.39612	2.73892	5.00E-05	0.0007276	yes
mRNA	CA07g04410	Pepper1.55ch07:33222416-33224526	TC	TD	OK	1222.23	5195.59	2.08778	4.89756	5.00E-05	0.0007276	yes
mRNA	CA07g04480	Pepper1.55ch07:36851204-36851855	TC	TD	OK	4.06741	12.0959	1.57234	2.68883	0.00415	0.0222637	yes
mRNA	CA07g04650	Pepper1.55ch07:38949996-38951313	TC	TD	OK	17.4956	77.7436	2.15173	6.25186	5.00E-05	0.0007276	yes
mRNA	CA07g04700	Pepper1.55ch07:39402777-39404676	TC	TD	OK	38.7617	91.5359	1.23971	1.7843	0.0089	0.0388403	yes
mRNA	CA07g04820	Pepper1.55ch07:39991958-39994397	TC	TD	OK	3.95738	14.1855	1.8418	2.90439	0.00015	0.0017852	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA07g04890	Pepper1.55ch07:40360399-40360912	TC	TD	OK	147.547	272.632	0.88578	2.39778	0.0079	0.0358122	yes
mRNA	CA07g04900	Pepper1.55ch07:40377932-40379060	TC	TD	OK	57.492	132.018	1.1993	2.57862	0.00065	0.005483	yes
mRNA	CA07g04920	Pepper1.55ch07:40480390-40484837	TC	TD	OK	84.7364	39.3797	-1.10553	-1.968	0.00195	0.0126842	yes
mRNA	CA07g04990	Pepper1.55ch07:40823646-40825691	TC	TD	OK	19.2046	39.4336	1.03798	2.42618	0.0066	0.0313308	yes
mRNA	CA07g05790	Pepper1.55ch07:54072160-54075360	TC	TD	OK	124.561	361.505	1.53716	2.94875	5.00E-05	0.0007276	yes
mRNA	CA07g05800	Pepper1.55ch07:54078357-54078699	TC	TD	OK	129.73	387.228	1.57767	6.3008	5.00E-05	0.0007276	yes
mRNA	CA07g06120	Pepper1.55ch07:62948882-62949986	TC	TD	OK	22.381	4.50282	-2.31338	-4.0309	5.00E-05	0.0007276	yes
mRNA	CA07g06340	Pepper1.55ch07:68610783-68615945	TC	TD	OK	7.15796	19.8369	1.47057	2.7439	5.00E-05	0.0007276	yes
mRNA	CA07g06380	Pepper1.55ch07:69365422-69365998	TC	TD	OK	49.0605	14.9413	-1.71526	-3.9177	5.00E-05	0.0007276	yes
mRNA	CA07g06390	Pepper1.55ch07:69366245-69367346	TC	TD	OK	20.48	9.6802	-1.08111	-2.0478	0.0042	0.0224124	yes
mRNA	CA07g06530	Pepper1.55ch07:75327064-75329229	TC	TD	OK	62.2231	141.076	1.18094	2.3896	0.00095	0.0073823	yes
mRNA	CA07g06540	Pepper1.55ch07:76521189-76536374	TC	TD	OK	31.1049	89.0818	1.51799	2.99878	5.00E-05	0.0007276	yes
mRNA	CA07g06620	Pepper1.55ch07:77751079-77754806	TC	TD	OK	39.422	82.2096	1.0603	2.19863	0.00175	0.0116752	yes
mRNA	CA07g06760	Pepper1.55ch07:84157545-84158145	TC	TD	OK	14.8769	4.35656	-1.77182	-3.1855	0.00135	0.0096189	yes
mRNA	CA07g06880	Pepper1.55ch07:89148655-89152487	TC	TD	OK	9.3155	18.168	0.9637	1.8908	0.01185	0.0477767	yes
mRNA	CA07g06990	Pepper1.55ch07:90374284-90375886	TC	TD	OK	30.3963	88.0881	1.53505	2.99239	5.00E-05	0.0007276	yes
mRNA	CA07g07070	Pepper1.55ch07:93703363-93706747	TC	TD	OK	781.247	211.413	-1.88571	-3.4168	5.00E-05	0.0007276	yes
mRNA	CA07g07080	Pepper1.55ch07:93761190-93762597	TC	TD	OK	44.3994	18.5716	-1.25744	-2.5882	0.0004	0.0038157	yes
mRNA	CA07g07090	Pepper1.55ch07:94002465-94005398	TC	TD	OK	85.4907	29.3924	-1.54033	-3.0773	5.00E-05	0.0007276	yes
mRNA	CA07g07110	Pepper1.55ch07:95286303-95287671	TC	TD	OK	107.199	39.8408	-1.42797	-3.0615	0.00015	0.0017852	yes
mRNA	CA07g07220	Pepper1.55ch07:97703984-97717447	TC	TD	OK	41.3424	77.1197	0.89948	2.35322	0.00925	0.0399062	yes
mRNA	CA07g07330	Pepper1.55ch07:100447156-100449496	TC	TD	OK	55.5063	112.815	1.02323	1.96838	0.0036	0.0200102	yes
mRNA	CA07g07390	Pepper1.55ch07:103713676-103720656	TC	TD	OK	16.8355	6.43203	-1.38816	-2.6427	0.00065	0.005483	yes
mRNA	CA07g07640	Pepper1.55ch07:106455043-106469502	TC	TD	OK	37.6401	67.5855	0.84444	1.73209	0.0105	0.0436276	yes
mRNA	CA07g07670	Pepper1.55ch07:107800124-107800703	TC	TD	OK	97.7356	256.461	1.39179	3.80564	5.00E-05	0.0007276	yes
mRNA	CA07g07750	Pepper1.55ch07:110686286-110687662	TC	TD	OK	68.3666	34.8657	-0.97148	-2.2978	0.00515	0.0261679	yes
mRNA	CA07g07850	Pepper1.55ch07:114111908-114117892	TC	TD	OK	5.05399	11.2471	1.15406	2.18683	0.0029	0.0169299	yes
mRNA	CA07g07930	Pepper1.55ch07:115435520-115437847	TC	TD	OK	290.733	153.38	-0.92259	-1.9537	0.0111	0.0454943	yes
mRNA	CA07g08100	Pepper1.55ch07:117840556-117848986	TC	TD	OK	36.2419	66.7298	0.88067	1.69159	0.01005	0.0423171	yes
mRNA	CA07g08280	Pepper1.55ch07:120106124-120107390	TC	TD	OK	3.67681	1.0936	-1.74936	-2.13	0.0085	0.0376942	yes
mRNA	CA07g08350	Pepper1.55ch07:121396637-121405857	TC	TD	OK	10.3993	36.8025	1.82331	3.70517	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA07g08530	Pepper1.55ch07:123120059-123129370	TC	TD	OK	86.3408	34.6241	-1.31826	-2.3832	0.00025	0.0026513	yes
mRNA	CA07g08560	Pepper1.55ch07:124080010-124081330	TC	TD	OK	4.39951	10.5327	1.25946	2.07603	0.00285	0.0166768	yes
mRNA	CA07g08620	Pepper1.55ch07:125251977-125252532	TC	TD	OK	60.8495	134.984	1.14947	2.97008	0.00135	0.0096189	yes
mRNA	CA07g08630	Pepper1.55ch07:125443064-125445807	TC	TD	OK	17.0976	37.7358	1.14214	2.45824	0.00165	0.011156	yes
mRNA	CA07g08710	Pepper1.55ch07:127140878-127141073	TC	TD	OK	75.8963	191.298	1.33372	11.444	0.0096	0.0410174	yes
mRNA	CA07g08820	Pepper1.55ch07:129439361-129439994	TC	TD	OK	41.2618	19.5529	-1.07742	-2.3699	0.00595	0.0290118	yes
mRNA	CA07g08900	Pepper1.55ch07:130544324-130545510	TC	TD	OK	34.5033	103.273	1.58165	6.91447	0.00025	0.0026513	yes
mRNA	CA07g08910	Pepper1.55ch07:130548463-130550448	TC	TD	OK	27.3152	57.4806	1.07337	2.82809	0.00465	0.0242646	yes
mRNA	CA07g08930	Pepper1.55ch07:130678792-130699818	TC	TD	OK	16.5677	8.97624	-0.88419	-1.6778	0.01095	0.0450263	yes
mRNA	CA07g09080	Pepper1.55ch07:136379981-136383466	TC	TD	OK	79.5269	11.1811	-2.83038	-4.9665	5.00E-05	0.0007276	yes
mRNA	CA07g09250	Pepper1.55ch07:139323005-139323572	TC	TD	OK	78.8954	148.321	0.9107	2.33801	0.0066	0.0313308	yes
mRNA	CA07g09270	Pepper1.55ch07:139412890-139413923	TC	TD	OK	2.15855	10.0092	2.21319	3.32466	0.00135	0.0096189	yes
mRNA	CA07g09480	Pepper1.55ch07:147837319-147837577	TC	TD	OK	13.8847	58.2711	2.06929	8.12496	0.0045	0.0236701	yes
mRNA	CA07g09500	Pepper1.55ch07:149302525-149307924	TC	TD	OK	32.7665	63.033	0.94389	1.87215	0.00485	0.024997	yes
mRNA	CA07g09640	Pepper1.55ch07:152780992-152781715	TC	TD	OK	27.3926	57.2874	1.06443	2.45322	0.00435	0.0230579	yes
mRNA	CA07g09700	Pepper1.55ch07:153680353-153680710	TC	TD	OK	183.857	389.17	1.08181	4.67392	0.00145	0.0101871	yes
mRNA	CA07g09720	Pepper1.55ch07:154251485-154254098	TC	TD	OK	2.95652	5.9824	1.01682	1.67246	0.00905	0.0392453	yes
mRNA	CA07g10180	Pepper1.55ch07:171129167-171140598	TC	TD	OK	7.45553	2.27341	-1.71345	-2.7681	0.00035	0.0034365	yes
mRNA	CA07g10220	Pepper1.55ch07:171663020-171665502	TC	TD	OK	11.3871	26.8342	1.23667	2.24528	0.00165	0.011156	yes
mRNA	CA07g10230	Pepper1.55ch07:171769326-171771296	TC	TD	OK	5.68727	20.5322	1.85208	3.42863	0.0001	0.0012767	yes
mRNA	CA07g10450	Pepper1.55ch07:174999161-175000079	TC	TD	OK	85.7199	25.6254	-1.74206	-4.4361	5.00E-05	0.0007276	yes
mRNA	CA07g10460	Pepper1.55ch07:175000124-175000562	TC	TD	OK	240.668	65.3218	-1.88141	-4.9743	5.00E-05	0.0007276	yes
mRNA	CA07g10680	Pepper1.55ch07:176955811-176956502	TC	TD	OK	30.4481	74.9295	1.29918	3.26304	0.00095	0.0073823	yes
mRNA	CA07g10780	Pepper1.55ch07:178123083-178131821	TC	TD	OK	3.54626	1.37531	-1.36654	-1.7905	0.0124	0.0495049	yes
mRNA	CA07g10980	Pepper1.55ch07:179977407-179981217	TC	TD	OK	10.7585	4.62483	-1.21801	-2.1974	0.00185	0.0121861	yes
mRNA	CA07g10990	Pepper1.55ch07:179982425-179983820	TC	TD	OK	742.858	297.679	-1.31933	-2.2301	0.00125	0.0090735	yes
mRNA	CA07g11060	Pepper1.55ch07:180457205-180458734	TC	TD	OK	22.3606	9.67369	-1.20882	-1.9874	0.00175	0.0116752	yes
mRNA	CA07g11230	Pepper1.55ch07:183567295-183575170	TC	TD	OK	161.79	67.6006	-1.25901	-2.6591	0.0002	0.0022357	yes
mRNA	CA07g11250	Pepper1.55ch07:184192363-184194179	TC	TD	OK	9.41828	1.89144	-2.31598	-3.047	0.0007	0.0057915	yes
mRNA	CA07g11300	Pepper1.55ch07:184629483-184631857	TC	TD	OK	13.117	30.3978	1.21253	2.38412	0.00095	0.0073823	yes
mRNA	CA07g11310	Pepper1.55ch07:184718246-184718423	TC	TD	OK	0	26.9426	inf	nan	0.00145	0.0101871	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA07g11390	Pepper1.55ch07:185794414-185796217	TC	TD	OK	27.2647	8.73427	-1.64228	-2.9255	5.00E-05	0.0007276	yes
mRNA	CA07g11490	Pepper1.55ch07:187394876-187398007	TC	TD	OK	11.1525	21.2202	0.92807	1.74459	0.0075	0.0344543	yes
mRNA	CA07g11640	Pepper1.55ch07:188611594-188615583	TC	TD	OK	2.28128	22.9347	3.32962	5.517	5.00E-05	0.0007276	yes
mRNA	CA07g11760	Pepper1.55ch07:190158108-190161686	TC	TD	OK	6.87148	2.54186	-1.43474	-2.3053	0.0007	0.0057915	yes
mRNA	CA07g11770	Pepper1.55ch07:190196952-190200292	TC	TD	OK	7.33826	1.41794	-2.37164	-3.3124	5.00E-05	0.0007276	yes
mRNA	CA07g11830	Pepper1.55ch07:190608540-190609682	TC	TD	OK	76.4688	20.2181	-1.91922	-4.0227	5.00E-05	0.0007276	yes
mRNA	CA07g11840	Pepper1.55ch07:190610709-190615333	TC	TD	OK	354.477	142.397	-1.31577	-3.2275	0.0003	0.0030405	yes
mRNA	CA07g12030	Pepper1.55ch07:192374423-192375402	TC	TD	OK	15.4352	60.7075	1.97565	3.71861	5.00E-05	0.0007276	yes
mRNA	CA07g12040	Pepper1.55ch07:192375436-192376479	TC	TD	OK	6.65399	42.8747	2.68783	5.09525	5.00E-05	0.0007276	yes
mRNA	CA07g12180	Pepper1.55ch07:193102170-193103328	TC	TD	OK	23.4187	43.3093	0.88702	1.82227	0.01005	0.0423171	yes
mRNA	CA07g12250	Pepper1.55ch07:194040304-194045918	TC	TD	OK	19.2914	9.88011	-0.96536	-1.8659	0.00485	0.024997	yes
mRNA	CA07g12300	Pepper1.55ch07:194936358-194937854	TC	TD	OK	709.948	253.74	-1.48436	-6.0389	5.00E-05	0.0007276	yes
mRNA	CA07g12400	Pepper1.55ch07:197381748-197382252	TC	TD	OK	39.7427	135.413	1.7686	4.55194	5.00E-05	0.0007276	yes
mRNA	CA07g12410	Pepper1.55ch07:197390385-197391417	TC	TD	OK	26.3976	131.014	2.31124	4.64887	5.00E-05	0.0007276	yes
mRNA	CA07g12440	Pepper1.55ch07:197982004-197983690	TC	TD	OK	1.45807	9.53873	2.70973	3.04818	0.0124	0.0495049	yes
mRNA	CA07g12450	Pepper1.55ch07:197992326-197993723	TC	TD	OK	21.3968	122.739	2.52013	5.83409	5.00E-05	0.0007276	yes
mRNA	CA07g12580	Pepper1.55ch07:199074248-199075826	TC	TD	OK	114.787	60.692	-0.91938	-2.0195	0.00795	0.0359417	yes
mRNA	CA07g12670	Pepper1.55ch07:199703760-199706226	TC	TD	OK	5.10339	13.2752	1.37921	2.55984	0.0002	0.0022357	yes
mRNA	CA07g12780	Pepper1.55ch07:200072069-200073104	TC	TD	OK	125.849	296.041	1.23411	2.62259	0.00035	0.0034365	yes
mRNA	CA07g12800	Pepper1.55ch07:200120248-200123976	TC	TD	OK	4.45477	1.46025	-1.60914	-2.5335	0.00025	0.0026513	yes
mRNA	CA07g13010	Pepper1.55ch07:202711016-202712500	TC	TD	OK	34.9041	71.5587	1.03573	2.11807	0.00335	0.0189202	yes
mRNA	CA07g13030	Pepper1.55ch07:202763738-202764965	TC	TD	OK	4.49388	17.248	1.94039	3.59311	5.00E-05	0.0007276	yes
mRNA	CA07g13060	Pepper1.55ch07:203227369-203227639	TC	TD	OK	901.163	1959.49	1.12062	6.11496	0.0031	0.0178014	yes
mRNA	CA07g13170	Pepper1.55ch07:204399143-204400514	TC	TD	OK	3.68434	1.50453	-1.2921	-1.6926	0.01115	0.0456373	yes
mRNA	CA07g13370	Pepper1.55ch07:205519678-205524273	TC	TD	OK	23.2814	74.647	1.68091	3.3699	5.00E-05	0.0007276	yes
mRNA	CA07g13380	Pepper1.55ch07:205524302-205527432	TC	TD	OK	46.7105	140.024	1.58386	3.72712	5.00E-05	0.0007276	yes
mRNA	CA07g13390	Pepper1.55ch07:205527498-205529127	TC	TD	OK	97.5139	284.949	1.54702	8.86103	0.0002	0.0022357	yes
mRNA	CA07g13400	Pepper1.55ch07:205530638-205535859	TC	TD	OK	13.8164	5.79268	-1.25408	-2.3902	0.0026	0.0156946	yes
mRNA	CA07g13480	Pepper1.55ch07:205791116-205792752	TC	TD	OK	8.98537	28.6196	1.67135	3.13323	5.00E-05	0.0007276	yes
mRNA	CA07g13510	Pepper1.55ch07:205844729-205845257	TC	TD	OK	20.4108	44.2874	1.11756	3.02144	0.0065	0.0310514	yes
mRNA	CA07g13530	Pepper1.55ch07:205851214-205851769	TC	TD	OK	35.9295	14.755	-1.28396	-2.7361	0.00205	0.0131645	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA07g13560	Pepper1.55ch07:205945011-205950318	TC	TD	OK	11.0025	25.8717	1.23355	2.11843	0.0011	0.0082588	yes
mRNA	CA07g13850	Pepper1.55ch07:207578156-207579395	TC	TD	OK	8.54868	28.5463	1.73953	2.9956	5.00E-05	0.0007276	yes
mRNA	CA07g13920	Pepper1.55ch07:207783934-207786582	TC	TD	OK	15.7255	193.786	3.62329	7.76944	5.00E-05	0.0007276	yes
mRNA	CA07g14100	Pepper1.55ch07:209017743-209018865	TC	TD	OK	3.62879	0.91308	-1.99068	-2.3805	0.0089	0.0388403	yes
mRNA	CA07g14110	Pepper1.55ch07:209020134-209022508	TC	TD	OK	208.507	77.3966	-1.42975	-3.066	5.00E-05	0.0007276	yes
mRNA	CA07g14170	Pepper1.55ch07:209354217-209354610	TC	TD	OK	7.06891	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA07g14210	Pepper1.55ch07:209523329-209523764	TC	TD	OK	95.7844	448.188	2.22624	5.53029	5.00E-05	0.0007276	yes
mRNA	CA07g14230	Pepper1.55ch07:209630275-209635485	TC	TD	OK	18.814	9.60785	-0.96952	-1.9771	0.0104	0.0433434	yes
mRNA	CA07g14280	Pepper1.55ch07:209654335-209658385	TC	TD	OK	11.4095	27.8034	1.28503	2.57752	0.0003	0.0030405	yes
mRNA	CA07g14290	Pepper1.55ch07:209666101-209667865	TC	TD	OK	26.8701	6.28665	-2.09564	-4.1676	5.00E-05	0.0007276	yes
mRNA	CA07g14300	Pepper1.55ch07:209679710-209682318	TC	TD	OK	8.17845	1.81569	-2.17131	-3.3234	0.00015	0.0017852	yes
mRNA	CA07g14390	Pepper1.55ch07:211980339-211981638	TC	TD	OK	8.71828	1.56598	-2.47698	-3.5957	5.00E-05	0.0007276	yes
mRNA	CA07g14520	Pepper1.55ch07:212505821-212508523	TC	TD	OK	73.0698	149.127	1.0292	1.82066	0.0042	0.0224124	yes
mRNA	CA07g14600	Pepper1.55ch07:212641562-212643988	TC	TD	OK	140.255	72.6934	-0.94815	-2.5442	0.0062	0.0299405	yes
mRNA	CA07g14640	Pepper1.55ch07:212688634-212692567	TC	TD	OK	21.2343	41.1604	0.95486	2.12143	0.0067	0.0316462	yes
mRNA	CA07g14650	Pepper1.55ch07:212707797-212718908	TC	TD	OK	62.0332	11.2795	-2.45934	-4.355	5.00E-05	0.0007276	yes
mRNA	CA07g14760	Pepper1.55ch07:213841821-213849431	TC	TD	OK	18.0232	4.69308	-1.94125	-3.6914	5.00E-05	0.0007276	yes
mRNA	CA07g14880	Pepper1.55ch07:214191841-214194157	TC	TD	OK	14.5738	30.5038	1.06561	2.23159	0.0034	0.0191524	yes
mRNA	CA07g14900	Pepper1.55ch07:214273781-214280057	TC	TD	OK	27.2332	11.2529	-1.27507	-2.5584	0.0006	0.0051829	yes
mRNA	CA07g14930	Pepper1.55ch07:215105094-215105568	TC	TD	OK	4.66583	29.4847	2.65976	5.35718	0.0005	0.0045156	yes
mRNA	CA07g14950	Pepper1.55ch07:215452816-215453620	TC	TD	OK	8.00589	39.3339	2.29664	3.98595	5.00E-05	0.0007276	yes
mRNA	CA07g14960	Pepper1.55ch07:215501923-215502715	TC	TD	OK	23.1125	50.978	1.1412	2.18068	0.0028	0.0165058	yes
mRNA	CA07g15280	Pepper1.55ch07:216961778-216963494	TC	TD	OK	6.88744	2.11168	-1.70558	-2.8248	0.00035	0.0034365	yes
mRNA	CA07g15360	Pepper1.55ch07:217170367-217171258	TC	TD	OK	30.3951	72.4444	1.25304	2.50759	0.00025	0.0026513	yes
mRNA	CA07g15380	Pepper1.55ch07:217189490-217192973	TC	TD	OK	35.4806	65.4259	0.88283	1.62901	0.01115	0.0456373	yes
mRNA	CA07g15440	Pepper1.55ch07:217406319-217410040	TC	TD	OK	7.41352	19.6193	1.40405	2.74261	0.0006	0.0051829	yes
mRNA	CA07g15560	Pepper1.55ch07:217854525-217855580	TC	TD	OK	31.9748	12.1992	-1.39015	-3.4558	0.00755	0.0346208	yes
mRNA	CA07g15730	Pepper1.55ch07:218108940-218115056	TC	TD	OK	25.0484	75.2854	1.58765	2.89451	5.00E-05	0.0007276	yes
mRNA	CA07g15750	Pepper1.55ch07:218373998-218377081	TC	TD	OK	54.3501	108.587	0.99849	2.01867	0.0045	0.0236701	yes
mRNA	CA07g15860	Pepper1.55ch07:218918955-218919549	TC	TD	OK	15.2162	41.562	1.44966	2.90379	0.0002	0.0022357	yes
mRNA	CA07g15880	Pepper1.55ch07:218968687-218971174	TC	TD	OK	20.8748	49.9935	1.25998	2.42129	0.0002	0.0022357	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA07g15890	Pepper1.55ch07:218979211-218980561	TC	TD	OK	57.2538	817.731	3.83618	6.23347	5.00E-05	0.0007276	yes
mRNA	CA07g15920	Pepper1.55ch07:219037963-219039659	TC	TD	OK	10.2116	48.7798	2.25607	4.07651	5.00E-05	0.0007276	yes
mRNA	CA07g15940	Pepper1.55ch07:219055282-219057884	TC	TD	OK	21.9339	5.34845	-2.03597	-3.8172	5.00E-05	0.0007276	yes
mRNA	CA07g16080	Pepper1.55ch07:219788463-219789555	TC	TD	OK	21.4082	7.48111	-1.51684	-2.7363	0.0005	0.0045156	yes
mRNA	CA07g16140	Pepper1.55ch07:219989765-219990719	TC	TD	OK	3.16541	13.4747	2.08979	3.37676	0.0001	0.0012767	yes
mRNA	CA07g16150	Pepper1.55ch07:219990880-219991579	TC	TD	OK	3.28459	22.9584	2.80524	4.32855	5.00E-05	0.0007276	yes
mRNA	CA07g16230	Pepper1.55ch07:220326136-220326460	TC	TD	OK	270.102	123.157	-1.133	-4.9174	0.00155	0.0107004	yes
mRNA	CA07g16250	Pepper1.55ch07:220331780-220332119	TC	TD	OK	24.3411	8.73974	-1.47773	-3.9402	0.0125	0.0498119	yes
mRNA	CA07g16260	Pepper1.55ch07:220333837-220335496	TC	TD	OK	299.282	113.759	-1.39553	-3.3249	5.00E-05	0.0007276	yes
mRNA	CA07g16310	Pepper1.55ch07:220692674-220693863	TC	TD	OK	1.44744	7.13953	2.30233	2.88106	0.00135	0.0096189	yes
mRNA	CA07g16450	Pepper1.55ch07:221430627-221444826	TC	TD	OK	1.53599	3.24627	1.07962	1.8537	0.004	0.0216981	yes
mRNA	CA07g16490	Pepper1.55ch07:221535842-221538656	TC	TD	OK	27.5175	12.6642	-1.11959	-2.8361	0.00785	0.0356391	yes
mRNA	CA07g16620	Pepper1.55ch07:221751138-221752163	TC	TD	OK	35.1597	91.3755	1.37788	3.06299	5.00E-05	0.0007276	yes
mRNA	CA07g16840	Pepper1.55ch07:222339523-222346604	TC	TD	OK	41.5735	93.4823	1.16903	2.29644	0.00065	0.005483	yes
mRNA	CA07g16870	Pepper1.55ch07:222379621-222380845	TC	TD	OK	10.4416	23.1667	1.14971	2.22104	0.00285	0.0166768	yes
mRNA	CA07g16880	Pepper1.55ch07:222383024-222383633	TC	TD	OK	96.2925	351.189	1.86675	4.91887	5.00E-05	0.0007276	yes
mRNA	CA07g16900	Pepper1.55ch07:222456425-222460226	TC	TD	OK	12.7754	5.00515	-1.35188	-2.3498	0.00105	0.0079626	yes
mRNA	CA07g16980	Pepper1.55ch07:222735301-222741353	TC	TD	OK	24.2564	57.6762	1.24961	2.51644	0.00025	0.0026513	yes
mRNA	CA07g17010	Pepper1.55ch07:222767510-222777937	TC	TD	OK	11.6044	5.73476	-1.01687	-1.8819	0.00955	0.0408617	yes
mRNA	CA07g17050	Pepper1.55ch07:222863391-222864285	TC	TD	OK	93.1968	434.498	2.221	4.11267	5.00E-05	0.0007276	yes
mRNA	CA07g17190	Pepper1.55ch07:223224633-223226163	TC	TD	OK	0	4.91826	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA07g17300	Pepper1.55ch07:223470732-223475218	TC	TD	OK	254.256	132.23	-0.94324	-1.9853	0.00585	0.0286352	yes
mRNA	CA07g17360	Pepper1.55ch07:223664452-223667613	TC	TD	OK	12.1164	2.98733	-2.02003	-3.498	0.0003	0.0030405	yes
mRNA	CA07g17540	Pepper1.55ch07:224051414-224054178	TC	TD	OK	13.6524	60.5591	2.1492	4.171	5.00E-05	0.0007276	yes
mRNA	CA07g17650	Pepper1.55ch07:224230476-224230944	TC	TD	OK	43.5623	21.1528	-1.04223	-2.6746	0.00855	0.037827	yes
mRNA	CA07g17660	Pepper1.55ch07:224234008-224237605	TC	TD	OK	59.1419	114.105	0.94811	1.67603	0.00555	0.0275691	yes
mRNA	CA07g17780	Pepper1.55ch07:224422573-224425053	TC	TD	OK	5.14139	1.35431	-1.9246	-2.2981	0.0081	0.0365323	yes
mRNA	CA07g17840	Pepper1.55ch07:224478178-224485581	TC	TD	OK	15.8397	6.55353	-1.2732	-2.2857	0.001	0.0076526	yes
mRNA	CA07g17850	Pepper1.55ch07:224506233-224508487	TC	TD	OK	168.725	325.125	0.94632	2.25542	0.00565	0.0279371	yes
mRNA	CA07g17910	Pepper1.55ch07:224662966-224666278	TC	TD	OK	0.57022	6.12644	3.42546	3.28127	0.0017	0.0114072	yes
mRNA	CA07g17970	Pepper1.55ch07:224801984-224803583	TC	TD	OK	384.264	0	#NAME?	nan	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA07g18020	Pepper1.55ch07:224971769-224973384	TC	TD	OK	0.70044	4.47321	2.67497	2.95273	0.00215	0.0136155	yes
mRNA	CA07g18030	Pepper1.55ch07:225006937-225009502	TC	TD	OK	2.22359	16.3055	2.8744	4.68824	0.00025	0.0026513	yes
mRNA	CA07g18040	Pepper1.55ch07:225014242-225018085	TC	TD	OK	44.1232	119.02	1.4316	3.0075	0.0001	0.0012767	yes
mRNA	CA07g18070	Pepper1.55ch07:225138960-225139801	TC	TD	OK	12.8465	34.068	1.40704	2.96968	0.00065	0.005483	yes
mRNA	CA07g18180	Pepper1.55ch07:225270719-225274579	TC	TD	OK	72.6579	148.449	1.03078	2.08435	0.00195	0.0126842	yes
mRNA	CA07g18240	Pepper1.55ch07:225410610-225412704	TC	TD	OK	239.384	663.456	1.47067	3.10247	0.0001	0.0012767	yes
mRNA	CA07g18260	Pepper1.55ch07:225437458-225437758	TC	TD	OK	1036.49	3025.74	1.54559	6.57996	0.00015	0.0017852	yes
mRNA	CA07g18330	Pepper1.55ch07:225598436-225598763	TC	TD	OK	279.535	147.002	-0.9272	-4.2515	0.00755	0.0346208	yes
mRNA	CA07g18380	Pepper1.55ch07:225721578-225722815	TC	TD	OK	55.8232	20.941	-1.41454	-3.6201	0.00025	0.0026513	yes
mRNA	CA07g18510	Pepper1.55ch07:225999334-226002960	TC	TD	OK	26.0703	51.0428	0.9693	1.82958	0.00425	0.0226232	yes
mRNA	CA07g18520	Pepper1.55ch07:226003875-226007606	TC	TD	OK	1.42048	8.00541	2.4946	3.6846	5.00E-05	0.0007276	yes
mRNA	CA07g18530	Pepper1.55ch07:226013205-226015968	TC	TD	OK	377.02	184.17	-1.0336	-2.172	0.0031	0.0178014	yes
mRNA	CA07g18560	Pepper1.55ch07:226042904-226047922	TC	TD	OK	46.1803	2.55017	-4.17862	-7.1574	5.00E-05	0.0007276	yes
mRNA	CA07g18600	Pepper1.55ch07:226087612-226089361	TC	TD	OK	39.8392	116.104	1.54316	2.58171	0.00025	0.0026513	yes
mRNA	CA07g18610	Pepper1.55ch07:226123078-226127471	TC	TD	OK	34.4441	62.2517	0.85386	1.76779	0.01065	0.0441173	yes
mRNA	CA07g18820	Pepper1.55ch07:227322235-227323619	TC	TD	OK	18.6805	39.6233	1.08481	2.77395	0.00495	0.0254516	yes
mRNA	CA07g18830	Pepper1.55ch07:227346638-227351991	TC	TD	OK	7.43838	1.77682	-2.06569	-3.225	5.00E-05	0.0007276	yes
mRNA	CA07g19000	Pepper1.55ch07:227529871-227533748	TC	TD	OK	26.8734	48.5672	0.8538	1.71338	0.01125	0.045922	yes
mRNA	CA07g19020	Pepper1.55ch07:227542554-227543142	TC	TD	OK	33.2324	64.9165	0.966	2.30325	0.0109	0.0449063	yes
mRNA	CA07g19050	Pepper1.55ch07:227565666-227567802	TC	TD	OK	27.923	61.5302	1.13984	2.52314	0.00085	0.0067798	yes
mRNA	CA07g19130	Pepper1.55ch07:227635064-227636364	TC	TD	OK	4.92589	12.4181	1.33398	2.38651	0.0009	0.0070813	yes
mRNA	CA07g19370	Pepper1.55ch07:228012258-228014489	TC	TD	OK	2.52064	6.96089	1.46548	2.4542	0.0026	0.0156946	yes
mRNA	CA07g19430	Pepper1.55ch07:228071082-228076219	TC	TD	OK	39.0175	103.999	1.41438	3.18637	5.00E-05	0.0007276	yes
mRNA	CA07g19460	Pepper1.55ch07:228094331-228096665	TC	TD	OK	4.7242	10.556	1.15992	2.42923	0.0046	0.0241037	yes
mRNA	CA07g19480	Pepper1.55ch07:228120578-228121528	TC	TD	OK	42.8255	16.4484	-1.38052	-3.2345	0.0004	0.0038157	yes
mRNA	CA07g19530	Pepper1.55ch07:228160793-228161897	TC	TD	OK	1798.36	4905.3	1.44766	4.91985	0.00035	0.0034365	yes
mRNA	CA07g19620	Pepper1.55ch07:228268401-228269175	TC	TD	OK	6.10768	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA07g19630	Pepper1.55ch07:228290212-228294557	TC	TD	OK	3.41769	17.9029	2.3891	4.10218	5.00E-05	0.0007276	yes
mRNA	CA07g19720	Pepper1.55ch07:228435374-228444057	TC	TD	OK	10.5202	5.38982	-0.96485	-1.7135	0.0095	0.0406823	yes
mRNA	CA07g19730	Pepper1.55ch07:228449643-228451053	TC	TD	OK	18.4974	36.2006	0.96869	1.86983	0.0051	0.0260014	yes
mRNA	CA07g19780	Pepper1.55ch07:228515743-228522313	TC	TD	OK	4.23658	0.94928	-2.15799	-2.7245	0.002	0.012937	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA07g19830	Pepper1.55ch07:228551965-228552604	TC	TD	OK	125.376	338.063	1.43103	3.31303	5.00E-05	0.0007276	yes
mRNA	CA07g19910	Pepper1.55ch07:228636126-228639743	TC	TD	OK	36.868	18.3437	-1.00708	-1.9692	0.00315	0.0180131	yes
mRNA	CA07g19940	Pepper1.55ch07:228672946-228676134	TC	TD	OK	2.27045	5.97743	1.39655	2.19925	0.00175	0.0116752	yes
mRNA	CA07g19950	Pepper1.55ch07:228680776-228687643	TC	TD	OK	13.4698	25.6187	0.92747	1.95848	0.00815	0.0366701	yes
mRNA	CA07g19980	Pepper1.55ch07:228709431-228714988	TC	TD	OK	3.77082	1.55891	-1.27434	-1.9462	0.0075	0.0344543	yes
mRNA	CA07g20200	Pepper1.55ch07:228988139-228991599	TC	TD	OK	1.28067	4.0571	1.66355	2.30934	0.0031	0.0178014	yes
mRNA	CA07g20350	Pepper1.55ch07:229246721-229247282	TC	TD	OK	18.8335	48.8	1.37358	3.36124	0.0003	0.0030405	yes
mRNA	CA07g20380	Pepper1.55ch07:229272710-229275315	TC	TD	OK	48.0626	16.4779	-1.54438	-2.9764	0.0001	0.0012767	yes
mRNA	CA07g20480	Pepper1.55ch07:229726493-229730770	TC	TD	OK	14.429	7.28373	-0.98622	-1.7613	0.00825	0.0369329	yes
mRNA	CA07g20500	Pepper1.55ch07:229752021-229754614	TC	TD	OK	5.21812	0.61596	-3.08262	-3.5407	0.00015	0.0017852	yes
mRNA	CA07g20570	Pepper1.55ch07:229845685-229849021	TC	TD	OK	17.9816	32.5286	0.85518	1.61126	0.012	0.0482269	yes
mRNA	CA07g20610	Pepper1.55ch07:229889524-229891453	TC	TD	OK	4.98701	17.6153	1.82058	3.21756	0.0001	0.0012767	yes
mRNA	CA07g20680	Pepper1.55ch07:229936456-229942595	TC	TD	OK	5.11088	2.63027	-0.95836	-1.5395	0.0117	0.0472983	yes
mRNA	CA07g20690	Pepper1.55ch07:229964659-229974865	TC	TD	OK	24.3859	59.0119	1.27496	2.33815	0.00045	0.0041816	yes
mRNA	CA07g20740	Pepper1.55ch07:229996417-229997603	TC	TD	OK	151.712	49.0327	-1.62952	-6.2161	0.0001	0.0012767	yes
mRNA	CA07g20780	Pepper1.55ch07:230038892-230039930	TC	TD	OK	67.8404	197.316	1.54029	4.38293	5.00E-05	0.0007276	yes
mRNA	CA07g20790	Pepper1.55ch07:230043860-230044460	TC	TD	OK	80.9625	315.779	1.96359	3.76776	5.00E-05	0.0007276	yes
mRNA	CA07g20830	Pepper1.55ch07:230094758-230097828	TC	TD	OK	87.919	28.085	-1.64637	-3.3093	5.00E-05	0.0007276	yes
mRNA	CA07g20850	Pepper1.55ch07:230232453-230233128	TC	TD	OK	9.97464	2.40696	-2.05105	-3.0793	0.0019	0.0124233	yes
mRNA	CA07g20860	Pepper1.55ch07:230233977-230241239	TC	TD	OK	24.365	11.2897	-1.10981	-2.2868	0.00295	0.0171555	yes
mRNA	CA07g20870	Pepper1.55ch07:230247376-230253251	TC	TD	OK	29.5646	60.8971	1.0425	2.28846	0.00285	0.0166768	yes
mRNA	CA07g20930	Pepper1.55ch07:230312627-230315283	TC	TD	OK	4.50104	12.7169	1.49842	2.67863	0.0002	0.0022357	yes
mRNA	CA07g20940	Pepper1.55ch07:230316809-230317256	TC	TD	OK	180.673	35.7068	-2.33911	-7.0984	5.00E-05	0.0007276	yes
mRNA	CA07g21030	Pepper1.55ch07:230429561-230433082	TC	TD	OK	20.4704	39.2202	0.93806	1.70262	0.0053	0.0266964	yes
mRNA	CA07g21120	Pepper1.55ch07:230993443-231000176	TC	TD	OK	6.22668	2.22869	-1.48227	-2.3179	0.0027	0.0160796	yes
mRNA	CA07g21200	Pepper1.55ch07:231101571-231102800	TC	TD	OK	8.75857	47.9771	2.45358	4.72346	5.00E-05	0.0007276	yes
mRNA	CA07g21210	Pepper1.55ch07:231119777-231120173	TC	TD	OK	76.9007	174.234	1.17996	3.74243	0.0008	0.0064526	yes
mRNA	CA07g21220	Pepper1.55ch07:231149266-231152650	TC	TD	OK	13.6529	26.382	0.95035	1.80414	0.0052	0.0263598	yes
mRNA	CA07g21250	Pepper1.55ch07:231175622-231184970	TC	TD	OK	3.27774	6.79882	1.05258	1.6844	0.0099	0.0418842	yes
mRNA	CA07g21390	Pepper1.55ch07:231337707-231349145	TC	TD	OK	5.66437	11.2546	0.99052	1.64759	0.00755	0.0346208	yes
mRNA	CA07g21440	Pepper1.55ch07:231394199-231394508	TC	TD	OK	37.6358	616.736	4.03448	13.6638	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA07g21490	Pepper1.55ch07:231444556-231448245	TC	TD	OK	7.80266	16.9387	1.11829	2.13122	0.0024	0.0148011	yes
mRNA	CA07g21540	Pepper1.55ch07:231492777-231498759	TC	TD	OK	18.2598	35.8841	0.97467	1.9496	0.00385	0.0211351	yes
mRNA	CA07g21570	Pepper1.55ch07:231528492-231536039	TC	TD	OK	189.095	405.79	1.10163	2.18299	0.00215	0.0136155	yes
mRNA	CA08g00070	Pepper1.55ch08:152099-155218	TC	TD	OK	4.76829	0.95913	-2.31368	-3.7771	0.0001	0.0012767	yes
mRNA	CA08g00130	Pepper1.55ch08:314784-315156	TC	TD	OK	27.3723	244.967	3.1618	9.95931	5.00E-05	0.0007276	yes
mRNA	CA08g00250	Pepper1.55ch08:625702-634703	TC	TD	OK	70.8891	21.1149	-1.7473	-3.2029	5.00E-05	0.0007276	yes
mRNA	CA08g00580	Pepper1.55ch08:1212079-1220411	TC	TD	OK	78.6528	38.6707	-1.02426	-1.9821	0.00235	0.0145463	yes
mRNA	CA08g00600	Pepper1.55ch08:1244893-1250639	TC	TD	OK	17.1268	6.2792	-1.4476	-2.7082	0.00025	0.0026513	yes
mRNA	CA08g00690	Pepper1.55ch08:1320623-1326349	TC	TD	OK	65.8303	26.989	-1.28638	-2.7744	0.0003	0.0030405	yes
mRNA	CA08g00700	Pepper1.55ch08:1329859-1333525	TC	TD	OK	56.4269	166.574	1.56171	3.66816	5.00E-05	0.0007276	yes
mRNA	CA08g00910	Pepper1.55ch08:1463851-1469255	TC	TD	OK	21.5802	42.7046	0.98468	2.09686	0.0053	0.0266964	yes
mRNA	CA08g00940	Pepper1.55ch08:1532940-1535830	TC	TD	OK	123.405	51.6397	-1.25685	-2.4258	0.0001	0.0012767	yes
mRNA	CA08g01070	Pepper1.55ch08:2014981-2021888	TC	TD	OK	23.9546	99.1676	2.04957	3.86484	5.00E-05	0.0007276	yes
mRNA	CA08g01200	Pepper1.55ch08:2220111-2225671	TC	TD	OK	16.5931	3.24008	-2.35648	-4.1342	0.00015	0.0017852	yes
mRNA	CA08g01260	Pepper1.55ch08:2305316-2311486	TC	TD	OK	3.14401	8.93453	1.50678	2.53991	0.0084	0.0374047	yes
mRNA	CA08g01270	Pepper1.55ch08:2325424-2326834	TC	TD	OK	11.27	26.2303	1.21874	2.20906	0.0035	0.0195624	yes
mRNA	CA08g01310	Pepper1.55ch08:2349765-2350668	TC	TD	OK	0	6.59257	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA08g01440	Pepper1.55ch08:2519897-2522552	TC	TD	OK	12.0913	4.13759	-1.5471	-2.5054	0.00025	0.0026513	yes
mRNA	CA08g01470	Pepper1.55ch08:2613704-2616567	TC	TD	OK	29.9638	5.57547	-2.42605	-4.5695	5.00E-05	0.0007276	yes
mRNA	CA08g01560	Pepper1.55ch08:3336978-3339225	TC	TD	OK	24.2092	45.2241	0.90153	1.88027	0.00875	0.0383967	yes
mRNA	CA08g01690	Pepper1.55ch08:4640794-4644075	TC	TD	OK	0.55885	3.71941	2.73455	2.97121	0.00165	0.011156	yes
mRNA	CA08g01700	Pepper1.55ch08:6655232-6656588	TC	TD	OK	47.4744	127.152	1.42134	5.1292	0.00045	0.0041816	yes
mRNA	CA08g01760	Pepper1.55ch08:9160495-9166728	TC	TD	OK	65.4135	28.7742	-1.18481	-2.3488	0.0012	0.008808	yes
mRNA	CA08g01890	Pepper1.55ch08:14368442-14370653	TC	TD	OK	16.5466	5.91962	-1.48296	-2.8194	0.0001	0.0012767	yes
mRNA	CA08g01960	Pepper1.55ch08:18369607-18369955	TC	TD	OK	0	6.84272	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA08g02060	Pepper1.55ch08:18638326-18640972	TC	TD	OK	3.78557	8.26666	1.12679	1.7394	0.00835	0.037259	yes
mRNA	CA08g02080	Pepper1.55ch08:18940808-18957134	TC	TD	OK	26.6668	65.8082	1.30322	2.64912	0.0001	0.0012767	yes
mRNA	CA08g02090	Pepper1.55ch08:18958580-18961654	TC	TD	OK	24.2853	5.15702	-2.23548	-4.0061	5.00E-05	0.0007276	yes
mRNA	CA08g02110	Pepper1.55ch08:19076238-19085787	TC	TD	OK	10.296	20.4573	0.99053	1.94728	0.00685	0.0321935	yes
mRNA	CA08g02290	Pepper1.55ch08:23067213-23067729	TC	TD	OK	16.0189	33.3907	1.05967	2.57102	0.00835	0.037259	yes
mRNA	CA08g02430	Pepper1.55ch08:30204985-30206832	TC	TD	OK	9.75147	4.35007	-1.16458	-2.0014	0.00445	0.0234725	yes

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mRNA	CA08g02440	Pepper1.55ch08:30221339-30223768	TC	TD	OK	11.4054	55.101	2.27236	4.75917	5.00E-05	0.0007276	yes
mRNA	CA08g02500	Pepper1.55ch08:30426093-30428199	TC	TD	OK	24.8306	64.6742	1.38107	3.23183	0.0001	0.0012767	yes
mRNA	CA08g02650	Pepper1.55ch08:33630342-33630582	TC	TD	OK	592.12	126.449	-2.22733	-15.365	5.00E-05	0.0007276	yes
mRNA	CA08g02690	Pepper1.55ch08:33948109-33951728	TC	TD	OK	10.4883	4.94226	-1.08554	-1.802	0.0117	0.0472983	yes
mRNA	CA08g02760	Pepper1.55ch08:36049601-36053788	TC	TD	OK	5.82975	1.99505	-1.54701	-2.4901	0.0001	0.0012767	yes
mRNA	CA08g02780	Pepper1.55ch08:36771459-36772506	TC	TD	OK	4.20042	40.1939	3.25837	5.60362	5.00E-05	0.0007276	yes
mRNA	CA08g02840	Pepper1.55ch08:38378781-38379823	TC	TD	OK	32.5199	63.1941	0.95847	2.38887	0.0069	0.032368	yes
mRNA	CA08g02980	Pepper1.55ch08:42947163-42962709	TC	TD	OK	5.86241	15.0575	1.36092	2.64472	0.00125	0.0090735	yes
mRNA	CA08g03050	Pepper1.55ch08:47370419-47371508	TC	TD	OK	23.365	75.3713	1.68967	3.44705	5.00E-05	0.0007276	yes
mRNA	CA08g03200	Pepper1.55ch08:50452926-50453139	TC	TD	OK	32.622	139.062	2.09181	13.1833	0.00115	0.0085407	yes
mRNA	CA08g03260	Pepper1.55ch08:51230529-51231254	TC	TD	OK	1526.01	756.442	-1.01246	-15.157	0.00435	0.0230579	yes
mRNA	CA08g03340	Pepper1.55ch08:52494771-52496493	TC	TD	OK	40.7251	94.7428	1.2181	2.26355	0.0002	0.0022357	yes
mRNA	CA08g03350	Pepper1.55ch08:52498242-52499048	TC	TD	OK	17.441	56.4526	1.69456	3.95341	5.00E-05	0.0007276	yes
mRNA	CA08g03400	Pepper1.55ch08:54320714-54324942	TC	TD	OK	15.1949	6.96238	-1.12593	-2.2231	0.00695	0.0325722	yes
mRNA	CA08g03530	Pepper1.55ch08:58582172-58583228	TC	TD	OK	165.416	80.2626	-1.0433	-2.7346	0.00175	0.0116752	yes
mRNA	CA08g03630	Pepper1.55ch08:62313577-62314564	TC	TD	OK	38.3371	13.364	-1.52039	-3.2085	5.00E-05	0.0007276	yes
mRNA	CA08g04110	Pepper1.55ch08:74625927-74630173	TC	TD	OK	77.9326	38.8323	-1.00497	-2.4032	0.0041	0.0221054	yes
mRNA	CA08g04180	Pepper1.55ch08:75274114-75275236	TC	TD	OK	28.1779	216.787	2.94364	6.2776	5.00E-05	0.0007276	yes
mRNA	CA08g04200	Pepper1.55ch08:75807295-75807838	TC	TD	OK	169.464	304.582	0.84585	2.24848	0.0101	0.0424566	yes
mRNA	CA08g04250	Pepper1.55ch08:77714103-77719243	TC	TD	OK	27.515	14.3693	-0.93723	-1.9066	0.00715	0.0332821	yes
mRNA	CA08g04660	Pepper1.55ch08:85698834-85699713	TC	TD	OK	83.8345	31.2011	-1.42595	-3.7404	0.00035	0.0034365	yes
mRNA	CA08g04750	Pepper1.55ch08:86271822-86275478	TC	TD	OK	6.35041	1.38573	-2.1962	-2.8839	0.0001	0.0012767	yes
mRNA	CA08g04770	Pepper1.55ch08:86385021-86386366	TC	TD	OK	3.81149	11.9406	1.64744	2.94517	0.00025	0.0026513	yes
mRNA	CA08g04870	Pepper1.55ch08:88120894-88124218	TC	TD	OK	33.7983	12.4022	-1.44636	-3.1055	0.00015	0.0017852	yes
mRNA	CA08g04950	Pepper1.55ch08:89334874-89336731	TC	TD	OK	18.8262	2.63534	-2.83668	-4.468	0.00055	0.0048567	yes
mRNA	CA08g05200	Pepper1.55ch08:96272004-96279546	TC	TD	OK	28.0912	12.4025	-1.17949	-2.3185	0.0006	0.0051829	yes
mRNA	CA08g05210	Pepper1.55ch08:96609738-96610233	TC	TD	OK	91.428	198.233	1.11649	2.94902	0.0021	0.0134057	yes
mRNA	CA08g05710	Pepper1.55ch08:110296535-110302430	TC	TD	OK	5.32656	2.78751	-0.93423	-1.5764	0.0119	0.0479015	yes
mRNA	CA08g05720	Pepper1.55ch08:110302459-110303456	TC	TD	OK	17.04	4.74716	-1.84379	-3.2924	0.0005	0.0045156	yes
mRNA	CA08g06060	Pepper1.55ch08:113209666-113215272	TC	TD	OK	16.5348	5.52483	-1.5815	-2.9943	0.0001	0.0012767	yes
mRNA	CA08g06090	Pepper1.55ch08:113836248-113853911	TC	TD	OK	38.2324	75.5219	0.9821	1.87119	0.00415	0.0222637	yes

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mRNA	CA08g06120	Pepper1.55ch08:113976238-113977188	TC	TD	OK	45.2884	19.9611	-1.18195	-3.3449	0.00415	0.0222637	yes
mRNA	CA08g06170	Pepper1.55ch08:114138788-114145500	TC	TD	OK	5.57162	1.60789	-1.79293	-2.8756	5.00E-05	0.0007276	yes
mRNA	CA08g06210	Pepper1.55ch08:114387613-114391681	TC	TD	OK	157.066	298.529	0.9265	2.48317	0.00465	0.0242646	yes
mRNA	CA08g06620	Pepper1.55ch08:122245216-122254683	TC	TD	OK	43.3706	15.2803	-1.50504	-2.9661	5.00E-05	0.0007276	yes
mRNA	CA08g06710	Pepper1.55ch08:122387434-122388064	TC	TD	OK	9.91527	2.44416	-2.02031	-2.9741	0.0043	0.0228571	yes
mRNA	CA08g06770	Pepper1.55ch08:122476536-122490279	TC	TD	OK	22.0389	8.69758	-1.34137	-2.6406	0.0006	0.0051829	yes
mRNA	CA08g06830	Pepper1.55ch08:122555850-122560856	TC	TD	OK	6.74665	14	1.05318	1.82747	0.00765	0.0349625	yes
mRNA	CA08g06890	Pepper1.55ch08:122599394-122600642	TC	TD	OK	54.7136	98.3392	0.84587	2.00103	0.0122	0.0488745	yes
mRNA	CA08g06900	Pepper1.55ch08:122600709-122603085	TC	TD	OK	28.0521	55.3811	0.98129	1.83915	0.0035	0.0195624	yes
mRNA	CA08g06980	Pepper1.55ch08:122698395-122704250	TC	TD	OK	1.12751	3.03916	1.43053	2.02095	0.0042	0.0224124	yes
mRNA	CA08g07090	Pepper1.55ch08:122816895-122817980	TC	TD	OK	62.0028	30.9174	-1.00391	-2.2487	0.0041	0.0221054	yes
mRNA	CA08g07160	Pepper1.55ch08:122911606-122917481	TC	TD	OK	7.58829	3.67029	-1.04788	-1.78	0.0054	0.0270736	yes
mRNA	CA08g07170	Pepper1.55ch08:122961700-122962976	TC	TD	OK	5.25516	1.78858	-1.55492	-2.1993	0.0089	0.0388403	yes
mRNA	CA08g07200	Pepper1.55ch08:123298951-123300920	TC	TD	OK	32.5778	6.89626	-2.24	-4.2184	5.00E-05	0.0007276	yes
mRNA	CA08g07290	Pepper1.55ch08:123439764-123441876	TC	TD	OK	61.8133	15.4577	-1.99959	-4.3915	5.00E-05	0.0007276	yes
mRNA	CA08g07360	Pepper1.55ch08:123699634-123701806	TC	TD	OK	249.749	125.786	-0.98951	-1.9117	0.00625	0.0301434	yes
mRNA	CA08g07380	Pepper1.55ch08:123724602-123727925	TC	TD	OK	461.468	1342.01	1.54009	4.53178	0.00015	0.0017852	yes
mRNA	CA08g07410	Pepper1.55ch08:123750117-123752688	TC	TD	OK	4.70196	1.96107	-1.26162	-1.6949	0.00755	0.0346208	yes
mRNA	CA08g07470	Pepper1.55ch08:123894179-123898131	TC	TD	OK	21.2942	8.44704	-1.33394	-2.4019	0.0004	0.0038157	yes
mRNA	CA08g07480	Pepper1.55ch08:123898758-123901903	TC	TD	OK	5.94664	2.18092	-1.44714	-2.0046	0.0063	0.0303071	yes
mRNA	CA08g07490	Pepper1.55ch08:123934583-123936435	TC	TD	OK	6.03134	2.01796	-1.57958	-2.1796	0.00705	0.0329284	yes
mRNA	CA08g07550	Pepper1.55ch08:124025380-124027660	TC	TD	OK	2.94253	10.8267	1.87947	3.05591	5.00E-05	0.0007276	yes
mRNA	CA08g07620	Pepper1.55ch08:124072911-124073355	TC	TD	OK	9.30016	34.9837	1.91135	4.26165	0.0002	0.0022357	yes
mRNA	CA08g07670	Pepper1.55ch08:124111254-124113777	TC	TD	OK	56.6462	114.913	1.02049	2.33069	0.0021	0.0134057	yes
mRNA	CA08g07730	Pepper1.55ch08:124297313-124298692	TC	TD	OK	35.8922	111.056	1.62955	3.35221	5.00E-05	0.0007276	yes
mRNA	CA08g07790	Pepper1.55ch08:124355423-124356101	TC	TD	OK	6.84867	38.4	2.48721	4.97233	5.00E-05	0.0007276	yes
mRNA	CA08g07850	Pepper1.55ch08:124426423-124427323	TC	TD	OK	19.0925	41.5958	1.12343	2.59584	0.00335	0.0189202	yes
mRNA	CA08g07880	Pepper1.55ch08:124436828-124439028	TC	TD	OK	7.23132	14.7995	1.03322	1.90965	0.0101	0.0424566	yes
mRNA	CA08g07930	Pepper1.55ch08:124546447-124547665	TC	TD	OK	48.8804	175.416	1.84346	3.63305	5.00E-05	0.0007276	yes
mRNA	CA08g07970	Pepper1.55ch08:124599259-124600754	TC	TD	OK	646.663	1225.33	0.92208	2.6936	0.01025	0.0429794	yes
mRNA	CA08g08020	Pepper1.55ch08:124754997-124759029	TC	TD	OK	19.1054	7.03427	-1.44151	-2.6706	0.0007	0.0057915	yes

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mRNA	CA08g08130	Pepper1.55ch08:124930703-124930961	TC	TD	OK	71.0713	323.591	2.18683	11.3845	5.00E-05	0.0007276	yes
mRNA	CA08g08360	Pepper1.55ch08:125445574-125453614	TC	TD	OK	1.80878	7.1232	1.97751	2.89672	5.00E-05	0.0007276	yes
mRNA	CA08g08430	Pepper1.55ch08:125505166-125508290	TC	TD	OK	70.1145	190.986	1.44568	2.51536	0.0001	0.0012767	yes
mRNA	CA08g08470	Pepper1.55ch08:125520626-125522904	TC	TD	OK	9.8803	21.1428	1.09754	2.20305	0.004	0.0216981	yes
mRNA	CA08g08480	Pepper1.55ch08:125538693-125539607	TC	TD	OK	1.63066	6.46821	1.98791	2.44712	0.01095	0.0450263	yes
mRNA	CA08g08570	Pepper1.55ch08:125604995-125611950	TC	TD	OK	6.41456	1.14048	-2.49171	-2.769	0.01125	0.045922	yes
mRNA	CA08g08610	Pepper1.55ch08:125701314-125703672	TC	TD	OK	10.2065	5.19397	-0.97457	-1.6947	0.01055	0.0437751	yes
mRNA	CA08g08650	Pepper1.55ch08:125766200-125767053	TC	TD	OK	9.42935	77.9499	3.04732	6.26118	5.00E-05	0.0007276	yes
mRNA	CA08g08680	Pepper1.55ch08:125834870-125843039	TC	TD	OK	9.87376	19.4952	0.98145	1.76116	0.01165	0.0471847	yes
mRNA	CA08g08770	Pepper1.55ch08:126105739-126107019	TC	TD	OK	139.006	43.7471	-1.66788	-4.529	5.00E-05	0.0007276	yes
mRNA	CA08g08840	Pepper1.55ch08:126333897-126337785	TC	TD	OK	2.01174	7.04377	1.80791	2.8872	0.0001	0.0012767	yes
mRNA	CA08g08870	Pepper1.55ch08:126395147-126398327	TC	TD	OK	172.513	75.609	-1.19007	-2.3008	0.0008	0.0064526	yes
mRNA	CA08g08890	Pepper1.55ch08:126411425-126411977	TC	TD	OK	15.1245	165.052	3.44797	7.96533	5.00E-05	0.0007276	yes
mRNA	CA08g08900	Pepper1.55ch08:126417637-126418831	TC	TD	OK	9.43059	55.3042	2.55197	6.84765	5.00E-05	0.0007276	yes
mRNA	CA08g09320	Pepper1.55ch08:126705885-126708468	TC	TD	OK	143.89	48.7913	-1.56027	-3.5755	5.00E-05	0.0007276	yes
mRNA	CA08g09430	Pepper1.55ch08:126744070-126744553	TC	TD	OK	31.3801	82.1639	1.38866	3.22323	0.00115	0.0085407	yes
mRNA	CA08g09590	Pepper1.55ch08:126943882-126944125	TC	TD	OK	11.4205	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA08g09640	Pepper1.55ch08:126996244-126997101	TC	TD	OK	25.949	104.846	2.01452	4.63679	5.00E-05	0.0007276	yes
mRNA	CA08g09690	Pepper1.55ch08:127033485-127039083	TC	TD	OK	4.9594	1.51555	-1.71032	-2.4995	0.00125	0.0090735	yes
mRNA	CA08g09710	Pepper1.55ch08:127054668-127056621	TC	TD	OK	63.4857	130.037	1.03442	1.83092	0.0036	0.0200102	yes
mRNA	CA08g09730	Pepper1.55ch08:127069120-127075767	TC	TD	OK	5.30741	38.2991	2.85123	5.52229	5.00E-05	0.0007276	yes
mRNA	CA08g09860	Pepper1.55ch08:127290516-127296665	TC	TD	OK	12.8431	5.42713	-1.24273	-2.1937	0.0023	0.0143131	yes
mRNA	CA08g09950	Pepper1.55ch08:127579141-127583016	TC	TD	OK	11.1399	24.3297	1.12698	1.88653	0.0055	0.0273839	yes
mRNA	CA08g09960	Pepper1.55ch08:127629840-127631329	TC	TD	OK	3.71954	8.12531	1.1273	1.83922	0.0082	0.0367964	yes
mRNA	CA08g09970	Pepper1.55ch08:127637523-127638807	TC	TD	OK	8.68367	3.9006	-1.15461	-1.9739	0.0063	0.0303071	yes
mRNA	CA08g10020	Pepper1.55ch08:127682686-127685741	TC	TD	OK	10.0042	21.5912	1.10984	2.13398	0.0007	0.0057915	yes
mRNA	CA08g10070	Pepper1.55ch08:127943039-127945998	TC	TD	OK	42.0277	162.167	1.94807	3.85188	5.00E-05	0.0007276	yes
mRNA	CA08g10080	Pepper1.55ch08:127954611-127955769	TC	TD	OK	4.04296	1.24272	-1.70191	-2.2086	0.0062	0.0299405	yes
mRNA	CA08g10230	Pepper1.55ch08:128202350-128203553	TC	TD	OK	12.8177	65.6022	2.35561	4.93605	5.00E-05	0.0007276	yes
mRNA	CA08g10250	Pepper1.55ch08:128246031-128249297	TC	TD	OK	80.9131	39.433	-1.03697	-3.3591	0.00675	0.0318127	yes
mRNA	CA08g10270	Pepper1.55ch08:128255578-128263525	TC	TD	OK	4.30505	8.4415	0.97147	1.76707	0.00605	0.0294518	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA08g10460	Pepper1.55ch08:128471330-128479160	TC	TD	OK	11.0052	4.45849	-1.30356	-2.2988	0.0007	0.0057915	yes
mRNA	CA08g10470	Pepper1.55ch08:128504365-128506569	TC	TD	OK	223.011	99.2824	-1.16751	-2.184	0.00395	0.0215352	yes
mRNA	CA08g10480	Pepper1.55ch08:128524857-128526194	TC	TD	OK	35.3133	8.76869	-2.00978	-3.4419	5.00E-05	0.0007276	yes
mRNA	CA08g10490	Pepper1.55ch08:128528790-128531880	TC	TD	OK	41.5399	6.66294	-2.64027	-5.1657	5.00E-05	0.0007276	yes
mRNA	CA08g10580	Pepper1.55ch08:128649419-128650712	TC	TD	OK	15.7896	3.11242	-2.34287	-4.2502	5.00E-05	0.0007276	yes
mRNA	CA08g10590	Pepper1.55ch08:128653718-128654939	TC	TD	OK	24.5944	2.47481	-3.31294	-6.0268	5.00E-05	0.0007276	yes
mRNA	CA08g10610	Pepper1.55ch08:128669217-128670393	TC	TD	OK	16.1936	0.71024	-4.51098	-4.7458	0.00265	0.0158947	yes
mRNA	CA08g10710	Pepper1.55ch08:129415104-129416004	TC	TD	OK	7.57825	20.6007	1.44275	2.97375	0.00045	0.0041816	yes
mRNA	CA08g10720	Pepper1.55ch08:129440211-129440679	TC	TD	OK	10.6689	22.7493	1.09241	2.42326	0.0116	0.0470453	yes
mRNA	CA08g10810	Pepper1.55ch08:129543265-129543634	TC	TD	OK	47.843	9.40791	-2.34636	-6.3204	0.00015	0.0017852	yes
mRNA	CA08g10840	Pepper1.55ch08:129567887-129569189	TC	TD	OK	8.49849	19.7645	1.21764	2.21991	0.0012	0.008808	yes
mRNA	CA08g10880	Pepper1.55ch08:129644932-129646607	TC	TD	OK	37.1875	13.333	-1.47981	-3.801	0.0015	0.010446	yes
mRNA	CA08g11150	Pepper1.55ch08:129982826-129983825	TC	TD	OK	3.97761	9.10581	1.19488	1.93994	0.01015	0.0426074	yes
mRNA	CA08g11210	Pepper1.55ch08:130206531-130210442	TC	TD	OK	32.0745	111.353	1.79564	4.77938	5.00E-05	0.0007276	yes
mRNA	CA08g11340	Pepper1.55ch08:130420880-130430219	TC	TD	OK	15.0455	5.4803	-1.457	-2.6459	0.0005	0.0045156	yes
mRNA	CA08g11390	Pepper1.55ch08:130521470-130529336	TC	TD	OK	13.5919	32.7245	1.26763	2.45029	0.0003	0.0030405	yes
mRNA	CA08g11570	Pepper1.55ch08:131117282-131120506	TC	TD	OK	21.6924	40.4022	0.89725	1.81908	0.01095	0.0450263	yes
mRNA	CA08g11580	Pepper1.55ch08:131181946-131183322	TC	TD	OK	90.4415	33.6415	-1.42674	-2.9079	5.00E-05	0.0007276	yes
mRNA	CA08g11590	Pepper1.55ch08:131204677-131207512	TC	TD	OK	10.6057	4.39536	-1.27078	-2.4212	0.0007	0.0057915	yes
mRNA	CA08g11670	Pepper1.55ch08:131321533-131324917	TC	TD	OK	24.7583	11.9935	-1.04566	-2.2951	0.01235	0.0493706	yes
mRNA	CA08g11680	Pepper1.55ch08:131331322-131334961	TC	TD	OK	18.0731	8.2273	-1.13536	-2.1855	0.008	0.0361569	yes
mRNA	CA08g11690	Pepper1.55ch08:131335306-131337106	TC	TD	OK	4.57894	1.38893	-1.72104	-2.494	0.00545	0.0272608	yes
mRNA	CA08g11710	Pepper1.55ch08:131356739-131357696	TC	TD	OK	15.0006	31.1476	1.0541	2.01608	0.00375	0.0206688	yes
mRNA	CA08g11720	Pepper1.55ch08:131363240-131372098	TC	TD	OK	42.3064	13.2994	-1.66952	-3.1106	5.00E-05	0.0007276	yes
mRNA	CA08g11750	Pepper1.55ch08:131439983-131441215	TC	TD	OK	33.1409	81.6836	1.30143	2.55584	0.0001	0.0012767	yes
mRNA	CA08g11790	Pepper1.55ch08:131560480-131561234	TC	TD	OK	27.9824	9.59396	-1.54432	-3.3569	0.00045	0.0041816	yes
mRNA	CA08g11810	Pepper1.55ch08:131587364-131589177	TC	TD	OK	0.81501	4.5844	2.49185	3.17065	0.00055	0.0048567	yes
mRNA	CA08g11850	Pepper1.55ch08:131607592-131614008	TC	TD	OK	3.68457	0.8623	-2.09523	-2.8866	0.0001	0.0012767	yes
mRNA	CA08g11940	Pepper1.55ch08:131744862-131746501	TC	TD	OK	5.30058	0.31733	-4.06211	-2.6883	0.00265	0.0158947	yes
mRNA	CA08g12110	Pepper1.55ch08:132020110-132021478	TC	TD	OK	3.35907	0.69498	-2.27301	-2.4185	0.0121	0.0485512	yes
mRNA	CA08g12130	Pepper1.55ch08:132032869-132035520	TC	TD	OK	41.2507	115.757	1.48861	3.36894	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA08g12190	Pepper1.55ch08:132224188-132231650	TC	TD	OK	35.5902	17.154	-1.05294	-2.144	0.0016	0.0109355	yes
mRNA	CA08g12280	Pepper1.55ch08:132336701-132356087	TC	TD	OK	11.7093	24.6835	1.07589	2.02311	0.0022	0.0138219	yes
mRNA	CA08g12310	Pepper1.55ch08:132410726-132411749	TC	TD	OK	23.5449	50.6516	1.10519	2.13023	0.00265	0.0158947	yes
mRNA	CA08g12430	Pepper1.55ch08:132563726-132565339	TC	TD	OK	69.3224	36.3272	-0.93227	-2.0872	0.00455	0.0238831	yes
mRNA	CA08g12450	Pepper1.55ch08:132579364-132581428	TC	TD	OK	14.0529	43.5748	1.63263	2.64148	5.00E-05	0.0007276	yes
mRNA	CA08g12490	Pepper1.55ch08:132606970-132611837	TC	TD	OK	164.146	596.69	1.862	4.3938	5.00E-05	0.0007276	yes
mRNA	CA08g12500	Pepper1.55ch08:132613079-132616733	TC	TD	OK	7.55199	16.1148	1.09346	1.86315	0.0023	0.0143131	yes
mRNA	CA08g12630	Pepper1.55ch08:132790695-132792006	TC	TD	OK	11.0628	2.86816	-1.94752	-3.2777	0.0058	0.0284366	yes
mRNA	CA08g12710	Pepper1.55ch08:132867741-132869517	TC	TD	OK	25.7563	73.9257	1.52115	3.35581	5.00E-05	0.0007276	yes
mRNA	CA08g12740	Pepper1.55ch08:132921631-132923430	TC	TD	OK	3.30002	1.01865	-1.69581	-2.2104	0.0031	0.0178014	yes
mRNA	CA08g12750	Pepper1.55ch08:132928917-132931536	TC	TD	OK	0.99517	3.2441	1.7048	2.27978	0.00395	0.0215352	yes
mRNA	CA08g12820	Pepper1.55ch08:133122224-133122641	TC	TD	OK	14.5591	71.7151	2.30036	6.13812	5.00E-05	0.0007276	yes
mRNA	CA08g12840	Pepper1.55ch08:133151768-133152299	TC	TD	OK	257.005	84.8036	-1.5996	-4.8431	5.00E-05	0.0007276	yes
mRNA	CA08g12850	Pepper1.55ch08:133152319-133152721	TC	TD	OK	270.575	88.4619	-1.6129	-5.04	5.00E-05	0.0007276	yes
mRNA	CA08g12960	Pepper1.55ch08:133321407-133324464	TC	TD	OK	10.0531	19.2876	0.94004	1.7435	0.00845	0.0375387	yes
mRNA	CA08g12980	Pepper1.55ch08:133337132-133340921	TC	TD	OK	59.5212	29.3663	-1.01924	-2.0498	0.00275	0.016281	yes
mRNA	CA08g13010	Pepper1.55ch08:133458209-133462056	TC	TD	OK	3.50714	1.37578	-1.35004	-1.8743	0.00605	0.0294518	yes
mRNA	CA08g13050	Pepper1.55ch08:133550860-133551535	TC	TD	OK	161.633	332.304	1.03978	2.22644	0.0018	0.0119506	yes
mRNA	CA08g13130	Pepper1.55ch08:133632488-133633811	TC	TD	OK	12.5036	3.84558	-1.70107	-3.1089	0.00075	0.0061114	yes
mRNA	CA08g13180	Pepper1.55ch08:133683912-133684440	TC	TD	OK	4.45723	24.2061	2.44115	4.34765	0.0009	0.0070813	yes
mRNA	CA08g13310	Pepper1.55ch08:133827898-133831539	TC	TD	OK	11.2551	4.42964	-1.34531	-2.4244	0.00375	0.0206688	yes
mRNA	CA08g13330	Pepper1.55ch08:133899483-133900262	TC	TD	OK	263.487	136.583	-0.94796	-2.2302	0.00845	0.0375387	yes
mRNA	CA08g13360	Pepper1.55ch08:133924729-133930923	TC	TD	OK	61.3496	531.422	3.11473	4.93003	5.00E-05	0.0007276	yes
mRNA	CA08g13380	Pepper1.55ch08:133943018-133943342	TC	TD	OK	104.024	204	0.97166	3.86725	0.0089	0.0388403	yes
mRNA	CA08g13420	Pepper1.55ch08:133980297-133981245	TC	TD	OK	24.9957	10.1914	-1.29432	-2.427	0.00105	0.0079626	yes
mRNA	CA08g13550	Pepper1.55ch08:134146406-134151342	TC	TD	OK	355.189	1203.19	1.76021	3.8812	5.00E-05	0.0007276	yes
mRNA	CA08g13720	Pepper1.55ch08:134357212-134362049	TC	TD	OK	11.0145	4.80755	-1.19603	-2.2162	0.0069	0.032368	yes
mRNA	CA08g13770	Pepper1.55ch08:134400974-134401896	TC	TD	OK	51.2817	99.3473	0.95404	2.28082	0.0063	0.0303071	yes
mRNA	CA08g14470	Pepper1.55ch08:135958310-135959475	TC	TD	OK	20.6384	47.3808	1.19897	3.45677	0.0102	0.0428054	yes
mRNA	CA08g14490	Pepper1.55ch08:136004079-136005132	TC	TD	OK	6.59323	1.16777	-2.49723	-3.025	0.00395	0.0215352	yes
mRNA	CA08g14530	Pepper1.55ch08:136061777-136082569	TC	TD	OK	15.0528	6.39834	-1.23426	-2.2467	0.0002	0.0022357	yes

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mRNA	CA08g14570	Pepper1.55ch08:136107446-136108718	TC	TD	OK	2.46362	7.42151	1.59093	2.43924	0.00045	0.0041816	yes
mRNA	CA08g14620	Pepper1.55ch08:136157981-136159592	TC	TD	OK	29.4761	10.2502	-1.52389	-2.9476	0.0003	0.0030405	yes
mRNA	CA08g14730	Pepper1.55ch08:136328592-136337429	TC	TD	OK	10.0115	2.88923	-1.7929	-3.2588	5.00E-05	0.0007276	yes
mRNA	CA08g14800	Pepper1.55ch08:136422718-136438433	TC	TD	OK	37.8292	14.2528	-1.40826	-2.482	0.0001	0.0012767	yes
mRNA	CA08g14820	Pepper1.55ch08:136448679-136453397	TC	TD	OK	50.4217	20.8107	-1.27672	-2.7698	0.0001	0.0012767	yes
mRNA	CA08g14860	Pepper1.55ch08:136520802-136521159	TC	TD	OK	58.7848	130.671	1.15242	4.25004	0.0028	0.0165058	yes
mRNA	CA08g14880	Pepper1.55ch08:136523351-136532005	TC	TD	OK	18.5812	43.7911	1.2368	2.29487	0.00045	0.0041816	yes
mRNA	CA08g14930	Pepper1.55ch08:136657647-136658001	TC	TD	OK	3.48522	16.5396	2.24661	3.70424	0.0042	0.0224124	yes
mRNA	CA08g15020	Pepper1.55ch08:136808135-136818085	TC	TD	OK	8.20847	3.67309	-1.16012	-2.0275	0.0019	0.0124233	yes
mRNA	CA08g15240	Pepper1.55ch08:137064195-137064735	TC	TD	OK	49.4731	17.5027	-1.49907	-3.5883	0.0001	0.0012767	yes
mRNA	CA08g15290	Pepper1.55ch08:137141981-137146226	TC	TD	OK	3.70909	0.93404	-1.9895	-2.8733	0.00015	0.0017852	yes
mRNA	CA08g15350	Pepper1.55ch08:137241647-137242334	TC	TD	OK	42.4643	119.21	1.48919	3.42395	0.00015	0.0017852	yes
mRNA	CA08g15360	Pepper1.55ch08:137369109-137370798	TC	TD	OK	7.14673	13.6318	0.93162	1.68411	0.01225	0.0490357	yes
mRNA	CA08g15370	Pepper1.55ch08:137383316-137383964	TC	TD	OK	51.6423	7.01849	-2.87932	-4.8321	5.00E-05	0.0007276	yes
mRNA	CA08g15380	Pepper1.55ch08:137385974-137386634	TC	TD	OK	209.278	19.2813	-3.44015	-7.6858	5.00E-05	0.0007276	yes
mRNA	CA08g15510	Pepper1.55ch08:137572122-137573550	TC	TD	OK	16.5245	60.4212	1.87045	3.69303	5.00E-05	0.0007276	yes
mRNA	CA08g15590	Pepper1.55ch08:137696060-137697069	TC	TD	OK	88.2778	21.9123	-2.01031	-4.3461	5.00E-05	0.0007276	yes
mRNA	CA08g15600	Pepper1.55ch08:137697747-137701587	TC	TD	OK	123.071	61.7056	-0.99601	-2.6149	0.00315	0.0180131	yes
mRNA	CA08g15610	Pepper1.55ch08:137760417-137761528	TC	TD	OK	116.076	226.722	0.96585	2.34176	0.0042	0.0224124	yes
mRNA	CA08g15790	Pepper1.55ch08:138007270-138009704	TC	TD	OK	6.82411	19.9696	1.5491	2.71343	0.0001	0.0012767	yes
mRNA	CA08g15800	Pepper1.55ch08:138019420-138020933	TC	TD	OK	23.4156	3.94929	-2.5678	-4.6149	5.00E-05	0.0007276	yes
mRNA	CA08g15810	Pepper1.55ch08:138026652-138028274	TC	TD	OK	13.9876	6.98308	-1.00221	-1.8444	0.0103	0.0431291	yes
mRNA	CA08g15830	Pepper1.55ch08:138063317-138065115	TC	TD	OK	6.22526	2.29625	-1.43885	-2.1542	0.00485	0.024997	yes
mRNA	CA08g15890	Pepper1.55ch08:138128606-138131590	TC	TD	OK	32.7206	128.859	1.97753	4.10317	5.00E-05	0.0007276	yes
mRNA	CA08g15900	Pepper1.55ch08:138166773-138167596	TC	TD	OK	351.832	729.057	1.05115	1.98593	0.00555	0.0275691	yes
mRNA	CA08g15970	Pepper1.55ch08:138352219-138354769	TC	TD	OK	16.6371	48.7057	1.54969	2.83931	0.0001	0.0012767	yes
mRNA	CA08g16020	Pepper1.55ch08:138384704-138389042	TC	TD	OK	19.2637	8.74485	-1.13938	-2.4452	0.0016	0.0109355	yes
mRNA	CA08g16090	Pepper1.55ch08:138524251-138525565	TC	TD	OK	3.23963	1.06133	-1.60995	-2.0406	0.00845	0.0375387	yes
mRNA	CA08g16130	Pepper1.55ch08:138565001-138566384	TC	TD	OK	17.3647	44.8623	1.36934	3.76268	0.00155	0.0107004	yes
mRNA	CA08g16140	Pepper1.55ch08:138601903-138604906	TC	TD	OK	14.8934	4.89638	-1.60488	-2.8998	0.0001	0.0012767	yes
mRNA	CA08g16150	Pepper1.55ch08:138645163-138645757	TC	TD	OK	9.5736	23.5156	1.29649	3.05625	0.0057	0.0281107	yes

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mRNA	CA08g16210	Pepper1.55ch08:138703764-138706521	TC	TD	OK	288.453	140.861	-1.03406	-4.0861	0.0041	0.0221054	yes
mRNA	CA08g16260	Pepper1.55ch08:138785085-138786090	TC	TD	OK	6.90194	69.6816	3.3357	5.08386	5.00E-05	0.0007276	yes
mRNA	CA08g16270	Pepper1.55ch08:138793944-138795012	TC	TD	OK	11.3009	79.4688	2.81395	4.70756	5.00E-05	0.0007276	yes
mRNA	CA08g16280	Pepper1.55ch08:138796850-138797889	TC	TD	OK	1.24842	11.0254	3.14266	3.84018	0.00115	0.0085407	yes
mRNA	CA08g16290	Pepper1.55ch08:138800096-138801149	TC	TD	OK	14.6287	103.746	2.82618	4.47139	5.00E-05	0.0007276	yes
mRNA	CA08g16510	Pepper1.55ch08:139366695-139371204	TC	TD	OK	9.69881	20.2032	1.0587	2.05361	0.0033	0.0186798	yes
mRNA	CA08g16520	Pepper1.55ch08:139373404-139377255	TC	TD	OK	34.2803	18.9261	-0.857	-1.6815	0.0094	0.0403457	yes
mRNA	CA08g16530	Pepper1.55ch08:139380661-139383973	TC	TD	OK	27.8755	56.1778	1.011	2.33569	0.00565	0.0279371	yes
mRNA	CA08g16570	Pepper1.55ch08:139457346-139458186	TC	TD	OK	12.8588	28.0837	1.12697	2.2804	0.0037	0.0204605	yes
mRNA	CA08g16600	Pepper1.55ch08:139521793-139522198	TC	TD	OK	182.137	400.131	1.13545	13.4914	0.011	0.0451581	yes
mRNA	CA08g16680	Pepper1.55ch08:139621926-139626235	TC	TD	OK	0.52048	4.98733	3.26034	3.61088	0.00205	0.0131645	yes
mRNA	CA08g16790	Pepper1.55ch08:139801088-139801442	TC	TD	OK	329.959	1450.18	2.13587	7.02285	5.00E-05	0.0007276	yes
mRNA	CA08g16860	Pepper1.55ch08:139875659-139880443	TC	TD	OK	20.1609	9.97169	-1.01565	-1.9612	0.00675	0.0318127	yes
mRNA	CA08g16870	Pepper1.55ch08:139887883-139888656	TC	TD	OK	73.1641	534.841	2.8699	5.4899	5.00E-05	0.0007276	yes
mRNA	CA08g16930	Pepper1.55ch08:140006065-140007142	TC	TD	OK	9.80313	25.014	1.35142	2.46102	0.0009	0.0070813	yes
mRNA	CA08g16940	Pepper1.55ch08:140016191-140017127	TC	TD	OK	81.7194	12.7247	-2.68305	-6.1504	5.00E-05	0.0007276	yes
mRNA	CA08g16960	Pepper1.55ch08:140026428-140028789	TC	TD	OK	16.2615	6.45504	-1.33296	-2.6401	0.00485	0.024997	yes
mRNA	CA08g17010	Pepper1.55ch08:140067479-140070832	TC	TD	OK	31.9385	74.4493	1.22096	2.56927	0.0003	0.0030405	yes
mRNA	CA08g17020	Pepper1.55ch08:140087355-140090358	TC	TD	OK	79.9896	192.767	1.26898	2.65673	0.00035	0.0034365	yes
mRNA	CA08g17150	Pepper1.55ch08:140408096-140414742	TC	TD	OK	128.299	316.569	1.30301	2.72609	0.00035	0.0034365	yes
mRNA	CA08g17170	Pepper1.55ch08:140451301-140456960	TC	TD	OK	8.51634	4.01819	-1.08369	-1.8893	0.00395	0.0215352	yes
mRNA	CA08g17210	Pepper1.55ch08:140481634-140481829	TC	TD	OK	304.388	143.617	-1.08368	-11.358	0.01085	0.0447248	yes
mRNA	CA08g17430	Pepper1.55ch08:141252851-141253776	TC	TD	OK	4.29902	17.1621	1.99715	3.70893	5.00E-05	0.0007276	yes
mRNA	CA08g17570	Pepper1.55ch08:141577402-141578136	TC	TD	OK	23.2362	50.8363	1.12949	2.83385	0.00475	0.0246925	yes
mRNA	CA08g17620	Pepper1.55ch08:141605742-141610253	TC	TD	OK	68.636	26.2884	-1.38454	-2.9451	0.0001	0.0012767	yes
mRNA	CA08g17670	Pepper1.55ch08:141735388-141747145	TC	TD	OK	4.12335	10.0101	1.27957	2.14261	0.0034	0.0191524	yes
mRNA	CA08g17750	Pepper1.55ch08:142026090-142027132	TC	TD	OK	18.0684	35.6919	0.98213	2.22036	0.0074	0.0340987	yes
mRNA	CA08g17890	Pepper1.55ch08:142319709-142322335	TC	TD	OK	153.215	1196.73	2.96548	6.2903	5.00E-05	0.0007276	yes
mRNA	CA08g17910	Pepper1.55ch08:142347084-142349098	TC	TD	OK	69.3022	581.42	3.06861	6.50326	5.00E-05	0.0007276	yes
mRNA	CA08g18080	Pepper1.55ch08:142582164-142583951	TC	TD	OK	19.8941	59.2664	1.57488	3.11272	5.00E-05	0.0007276	yes
mRNA	CA08g18130	Pepper1.55ch08:142683325-142684499	TC	TD	OK	191.807	1175.07	2.61502	6.84402	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA08g18280	Pepper1.55ch08:142962585-142965001	TC	TD	OK	14.7443	3.76994	-1.96754	-3.7453	5.00E-05	0.0007276	yes
mRNA	CA08g18340	Pepper1.55ch08:143033575-143038339	TC	TD	OK	8.77873	17.0624	0.95874	1.95468	0.0105	0.0436276	yes
mRNA	CA08g18350	Pepper1.55ch08:143038892-143040005	TC	TD	OK	17.3878	51.6077	1.56951	3.27267	5.00E-05	0.0007276	yes
mRNA	CA08g18390	Pepper1.55ch08:143083968-143086040	TC	TD	OK	21.3964	7.30413	-1.55058	-3.0139	0.00025	0.0026513	yes
mRNA	CA08g18400	Pepper1.55ch08:143087646-143090221	TC	TD	OK	12.8959	2.55669	-2.33456	-3.7298	0.00065	0.005483	yes
mRNA	CA08g18410	Pepper1.55ch08:143120238-143123374	TC	TD	OK	37.8454	16.262	-1.21862	-2.1849	0.00165	0.011156	yes
mRNA	CA08g18480	Pepper1.55ch08:143241162-143241537	TC	TD	OK	6.75478	45.4184	2.7493	5.83462	0.00055	0.0048567	yes
mRNA	CA08g18490	Pepper1.55ch08:143242244-143243366	TC	TD	OK	13.8756	5.96475	-1.21801	-2.213	0.00275	0.016281	yes
mRNA	CA08g18790	Pepper1.55ch08:143574054-143575347	TC	TD	OK	1140.44	2361.14	1.04989	4.6745	0.0052	0.0263598	yes
mRNA	CA08g18880	Pepper1.55ch08:143674701-143676499	TC	TD	OK	150.542	76.9803	-0.9676	-2.0924	0.0057	0.0281107	yes
mRNA	CA08g18970	Pepper1.55ch08:143802228-143806320	TC	TD	OK	11.2114	21.4781	0.93791	1.65774	0.006	0.0292461	yes
mRNA	CA08g19020	Pepper1.55ch08:143929949-143935161	TC	TD	OK	8.14362	3.16259	-1.36456	-2.2674	0.0022	0.0138219	yes
mRNA	CA08g19040	Pepper1.55ch08:143974174-143975542	TC	TD	OK	9.56392	2.27764	-2.07006	-3.5423	0.0002	0.0022357	yes
mRNA	CA08g19060	Pepper1.55ch08:143996477-143998147	TC	TD	OK	17.0473	3.74929	-2.18485	-3.4593	5.00E-05	0.0007276	yes
mRNA	CA08g19130	Pepper1.55ch08:144233168-144236118	TC	TD	OK	4.98035	1.53739	-1.69576	-2.5616	5.00E-05	0.0007276	yes
mRNA	CA08g19180	Pepper1.55ch08:144322740-144324995	TC	TD	OK	129.718	69.6515	-0.89716	-2.2672	0.0075	0.0344543	yes
mRNA	CA08g19310	Pepper1.55ch08:144632081-144632894	TC	TD	OK	15.1487	49.47	1.70736	3.53735	5.00E-05	0.0007276	yes
mRNA	CA08g19320	Pepper1.55ch08:144636742-144640179	TC	TD	OK	7.88709	2.73342	-1.52879	-2.2994	0.0015	0.010446	yes
mRNA	CA08g19380	Pepper1.55ch08:144719292-144720953	TC	TD	OK	100.334	29.6643	-1.75801	-3.9403	5.00E-05	0.0007276	yes
mRNA	CA08g19440	Pepper1.55ch08:144751755-144752873	TC	TD	OK	12.2444	25.2188	1.04238	2.03897	0.00465	0.0242646	yes
mRNA	CA08g19470	Pepper1.55ch08:144796422-144799041	TC	TD	OK	26.8634	57.4235	1.096	2.78263	0.00255	0.0155107	yes
mRNA	CA08g19490	Pepper1.55ch08:144811493-144813855	TC	TD	OK	17.0774	8.95084	-0.93199	-1.8277	0.0097	0.0412694	yes
mRNA	CA08g19620	Pepper1.55ch08:145049093-14505280	TC	TD	OK	73.9994	167.001	1.17427	2.17414	0.0011	0.0082588	yes
mRNA	CA08g19640	Pepper1.55ch08:145068288-145069183	TC	TD	OK	40.4462	5.56217	-2.86228	-5.8839	5.00E-05	0.0007276	yes
mRNA	CA09g00030	Pepper1.55ch09:492124-495913	TC	TD	OK	13.701	5.17576	-1.40444	-2.3228	0.00155	0.0107004	yes
mRNA	CA09g00120	Pepper1.55ch09:583410-584686	TC	TD	OK	60.4353	23.2226	-1.37986	-3.4505	0.0011	0.0082588	yes
mRNA	CA09g00320	Pepper1.55ch09:772932-774289	TC	TD	OK	6.86771	1.82864	-1.90906	-2.8253	0.0005	0.0045156	yes
mRNA	CA09g00420	Pepper1.55ch09:852893-854375	TC	TD	OK	46.1211	16.9743	-1.44208	-3.9498	0.0021	0.0134057	yes
mRNA	CA09g00460	Pepper1.55ch09:1197393-1200805	TC	TD	OK	36.2831	103.501	1.51228	3.13229	5.00E-05	0.0007276	yes
mRNA	CA09g00480	Pepper1.55ch09:1214584-1214965	TC	TD	OK	32.7766	68.7611	1.06893	3.02596	0.0069	0.032368	yes
mRNA	CA09g00490	Pepper1.55ch09:1230058-1230409	TC	TD	OK	40.2824	118.567	1.55748	5.05591	0.00015	0.0017852	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA09g00530	Pepper1.55ch09:1344654-1345143	TC	TD	OK	39.7754	19.027	-1.06383	-2.8764	0.00905	0.0392453	yes
mRNA	CA09g00600	Pepper1.55ch09:1376430-1381204	TC	TD	OK	168.462	64.2068	-1.39163	-2.5672	0.00025	0.0026513	yes
mRNA	CA09g01220	Pepper1.55ch09:2495493-2496357	TC	TD	OK	3.85377	17.4305	2.17727	3.77333	0.0001	0.0012767	yes
mRNA	CA09g01230	Pepper1.55ch09:2504932-2506703	TC	TD	OK	787.538	2986.63	1.9231	2.72348	0.001	0.0076526	yes
mRNA	CA09g01240	Pepper1.55ch09:2510195-2512952	TC	TD	OK	0.60369	27.2928	5.49858	5.52316	0.0026	0.0156946	yes
mRNA	CA09g01490	Pepper1.55ch09:3160731-3168843	TC	TD	OK	8.44506	4.02298	-1.06984	-1.8426	0.0089	0.0388403	yes
mRNA	CA09g01540	Pepper1.55ch09:3210879-3213859	TC	TD	OK	14.704	31.7319	1.10973	2.51369	0.00485	0.024997	yes
mRNA	CA09g01580	Pepper1.55ch09:3265549-3267401	TC	TD	OK	47.5984	25.0081	-0.92852	-1.9961	0.0068	0.0320183	yes
mRNA	CA09g01620	Pepper1.55ch09:3301084-3303774	TC	TD	OK	6.66479	2.19421	-1.60286	-2.3305	0.0013	0.0093599	yes
mRNA	CA09g01630	Pepper1.55ch09:3312371-3318722	TC	TD	OK	8.6343	21.8826	1.34163	2.36155	0.00025	0.0026513	yes
mRNA	CA09g01690	Pepper1.55ch09:3459221-3462620	TC	TD	OK	7.03048	36.5411	2.37782	4.67949	5.00E-05	0.0007276	yes
mRNA	CA09g01700	Pepper1.55ch09:3476999-3480236	TC	TD	OK	3.52288	1.06565	-1.72503	-2.464	0.00155	0.0107004	yes
mRNA	CA09g01710	Pepper1.55ch09:3484056-3484368	TC	TD	OK	13.0804	360.154	4.78313	15.9128	5.00E-05	0.0007276	yes
mRNA	CA09g01720	Pepper1.55ch09:3485341-3486262	TC	TD	OK	4.40995	173.829	5.30077	7.49919	5.00E-05	0.0007276	yes
mRNA	CA09g01750	Pepper1.55ch09:3550108-3555907	TC	TD	OK	27.8051	12.7164	-1.12867	-2.4154	0.0012	0.008808	yes
mRNA	CA09g01920	Pepper1.55ch09:3909071-3912994	TC	TD	OK	16.3151	4.892	-1.73772	-3.2093	0.00035	0.0034365	yes
mRNA	CA09g01940	Pepper1.55ch09:3940622-3949363	TC	TD	OK	8.22045	19.0825	1.21496	2.33626	0.0011	0.0082588	yes
mRNA	CA09g02050	Pepper1.55ch09:4176011-4177548	TC	TD	OK	54.592	126.299	1.21008	2.49735	0.00125	0.0090735	yes
mRNA	CA09g02190	Pepper1.55ch09:4487002-4493223	TC	TD	OK	24.81	3.60188	-2.7841	-4.9451	5.00E-05	0.0007276	yes
mRNA	CA09g02230	Pepper1.55ch09:4530855-4535799	TC	TD	OK	14.3188	32.3271	1.17483	2.29763	0.0008	0.0064526	yes
mRNA	CA09g02260	Pepper1.55ch09:4600140-4601010	TC	TD	OK	22.0999	44.0441	0.99491	2.06333	0.00425	0.0226232	yes
mRNA	CA09g02400	Pepper1.55ch09:5557460-5557658	TC	TD	OK	193.307	773.933	2.00132	15.8152	0.0005	0.0045156	yes
mRNA	CA09g02700	Pepper1.55ch09:6796848-6797766	TC	TD	OK	45.8878	116.969	1.34994	2.57651	0.00035	0.0034365	yes
mRNA	CA09g02750	Pepper1.55ch09:7081026-7081488	TC	TD	OK	143.234	480.199	1.74526	4.95251	5.00E-05	0.0007276	yes
mRNA	CA09g02760	Pepper1.55ch09:7117287-7117761	TC	TD	OK	41.4286	169.252	2.03047	5.0295	5.00E-05	0.0007276	yes
mRNA	CA09g02790	Pepper1.55ch09:7328151-7330449	TC	TD	OK	17.3222	8.63598	-1.00419	-1.7861	0.0061	0.0296378	yes
mRNA	CA09g02800	Pepper1.55ch09:7340030-7342351	TC	TD	OK	5.23759	16.8804	1.68838	3.11337	5.00E-05	0.0007276	yes
mRNA	CA09g02840	Pepper1.55ch09:7484678-7485416	TC	TD	OK	34.4552	15.0662	-1.19341	-2.5132	0.0053	0.0266964	yes
mRNA	CA09g02890	Pepper1.55ch09:7558261-7563055	TC	TD	OK	48.1793	20.3928	-1.24035	-2.5053	0.00025	0.0026513	yes
mRNA	CA09g02930	Pepper1.55ch09:8186114-8187116	TC	TD	OK	3.23869	8.42568	1.37938	2.1573	0.00505	0.025825	yes
mRNA	CA09g02980	Pepper1.55ch09:8231818-8232490	TC	TD	OK	28.5954	12.4005	-1.20538	-2.897	0.00245	0.015048	yes

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mRNA	CA09g03030	Pepper1.55ch09:8270235-8273108	TC	TD	OK	20.4439	6.0471	-1.75736	-3.3511	5.00E-05	0.0007276	yes
mRNA	CA09g03100	Pepper1.55ch09:8444246-8445185	TC	TD	OK	56.6566	311.907	2.4608	5.90574	5.00E-05	0.0007276	yes
mRNA	CA09g03110	Pepper1.55ch09:8448998-8450321	TC	TD	OK	6.52257	29.7192	2.18788	4.23083	5.00E-05	0.0007276	yes
mRNA	CA09g03390	Pepper1.55ch09:9501397-9505947	TC	TD	OK	2.94255	0.90717	-1.69763	-2.6069	0.0002	0.0022357	yes
mRNA	CA09g03490	Pepper1.55ch09:9953543-9956205	TC	TD	OK	3.09119	0.91014	-1.764	-2.3313	0.0019	0.0124233	yes
mRNA	CA09g03530	Pepper1.55ch09:10110118-10112939	TC	TD	OK	4.53425	20.1671	2.15307	4.1362	5.00E-05	0.0007276	yes
mRNA	CA09g03560	Pepper1.55ch09:10154866-10157478	TC	TD	OK	21.152	52.8672	1.32158	2.82455	0.00045	0.0041816	yes
mRNA	CA09g03580	Pepper1.55ch09:10214953-10215936	TC	TD	OK	4.75802	19.588	2.04154	4.14966	0.0072	0.0334427	yes
mRNA	CA09g03750	Pepper1.55ch09:10760612-10763427	TC	TD	OK	70.5464	163.315	1.21101	2.44238	0.00045	0.0041816	yes
mRNA	CA09g03930	Pepper1.55ch09:12064837-12068003	TC	TD	OK	19.5264	38.6041	0.98333	2.00111	0.00375	0.0206688	yes
mRNA	CA09g03940	Pepper1.55ch09:12170662-12172503	TC	TD	OK	4.74947	17.8804	1.91254	3.39325	5.00E-05	0.0007276	yes
mRNA	CA09g03960	Pepper1.55ch09:12216663-12218247	TC	TD	OK	6.31559	16.9215	1.42187	2.36816	0.00085	0.0067798	yes
mRNA	CA09g04130	Pepper1.55ch09:13459269-13469951	TC	TD	OK	28.5779	15.3089	-0.90052	-1.862	0.00905	0.0392453	yes
mRNA	CA09g04210	Pepper1.55ch09:14962430-14964399	TC	TD	OK	16.5343	32.3268	0.96727	1.87076	0.00995	0.042025	yes
mRNA	CA09g04380	Pepper1.55ch09:18984602-18986367	TC	TD	OK	7.6872	0.90156	-3.09196	-3.3817	0.00245	0.015048	yes
mRNA	CA09g04400	Pepper1.55ch09:19740509-19741832	TC	TD	OK	6.24575	51.1307	3.03324	7.10614	0.01025	0.0429794	yes
mRNA	CA09g04460	Pepper1.55ch09:20124156-20130802	TC	TD	OK	5.81858	12.0799	1.05387	1.82583	0.0027	0.0160796	yes
mRNA	CA09g04660	Pepper1.55ch09:22482717-22483644	TC	TD	OK	575.896	162.56	-1.82484	-5.8964	5.00E-05	0.0007276	yes
mRNA	CA09g04740	Pepper1.55ch09:23186129-23191387	TC	TD	OK	1.43649	9.52014	2.72843	3.8123	0.00025	0.0026513	yes
mRNA	CA09g04770	Pepper1.55ch09:23334088-23342197	TC	TD	OK	156.424	303.703	0.9572	1.60291	0.00885	0.0387005	yes
mRNA	CA09g04910	Pepper1.55ch09:25629973-25630816	TC	TD	OK	21.919	8.23602	-1.41216	-2.97	0.0016	0.0109355	yes
mRNA	CA09g05000	Pepper1.55ch09:27929983-27932632	TC	TD	OK	3.74185	1.12481	-1.73407	-2.4326	0.00325	0.0184521	yes
mRNA	CA09g05100	Pepper1.55ch09:29495289-29499281	TC	TD	OK	17.8614	6.47442	-1.46402	-2.8467	0.0022	0.0138219	yes
mRNA	CA09g05150	Pepper1.55ch09:30466431-30474397	TC	TD	OK	55.3209	118.405	1.09784	2.49689	0.0009	0.0070813	yes
mRNA	CA09g05190	Pepper1.55ch09:32301850-32305011	TC	TD	OK	315.623	95.9988	-1.71712	-2.3066	0.0035	0.0195624	yes
mRNA	CA09g05200	Pepper1.55ch09:32310142-32312116	TC	TD	OK	13.1856	5.54801	-1.24892	-2.3099	0.0016	0.0109355	yes
mRNA	CA09g05220	Pepper1.55ch09:32452471-32454434	TC	TD	OK	3.4434	0.80114	-2.1037	-2.1585	0.0113	0.0460638	yes
mRNA	CA09g05260	Pepper1.55ch09:32542571-32545129	TC	TD	OK	16.6352	32.5758	0.96957	1.80447	0.00495	0.0254516	yes
mRNA	CA09g05400	Pepper1.55ch09:34265328-34267572	TC	TD	OK	3.00389	6.83574	1.18627	1.89163	0.00515	0.0261679	yes
mRNA	CA09g05410	Pepper1.55ch09:34513582-34521116	TC	TD	OK	92.7868	37.589	-1.30361	-3.3713	0.0003	0.0030405	yes
mRNA	CA09g05520	Pepper1.55ch09:34989884-34991933	TC	TD	OK	3.55377	0.94079	-1.91741	-2.5998	0.0012	0.008808	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA09g05640	Pepper1.55ch09:36810043-36810304	TC	TD	OK	4386.66	30656.5	2.805	12.1035	5.00E-05	0.0007276	yes
mRNA	CA09g05660	Pepper1.55ch09:37230538-37239995	TC	TD	OK	12.3699	24.2002	0.96818	1.88066	0.0058	0.0284366	yes
mRNA	CA09g05740	Pepper1.55ch09:38684956-38687754	TC	TD	OK	21.4901	74.1466	1.78671	4.64278	5.00E-05	0.0007276	yes
mRNA	CA09g05790	Pepper1.55ch09:39061657-39063093	TC	TD	OK	23.6577	51.0478	1.10954	2.80824	0.0035	0.0195624	yes
mRNA	CA09g05990	Pepper1.55ch09:40440842-40442709	TC	TD	OK	9.33568	32.4603	1.79785	3.76031	0.0002	0.0022357	yes
mRNA	CA09g06010	Pepper1.55ch09:41311947-41312382	TC	TD	OK	10.2452	31.3279	1.6125	4.08079	0.00085	0.0067798	yes
mRNA	CA09g06090	Pepper1.55ch09:41709053-41710109	TC	TD	OK	8.70153	36.5961	2.07235	4.31075	5.00E-05	0.0007276	yes
mRNA	CA09g06100	Pepper1.55ch09:41711043-41711980	TC	TD	OK	73.9653	143.598	0.95712	2.39953	0.00525	0.0265153	yes
mRNA	CA09g06290	Pepper1.55ch09:45589627-45593164	TC	TD	OK	11.7452	30.3523	1.36974	2.41273	0.0003	0.0030405	yes
mRNA	CA09g06340	Pepper1.55ch09:47922476-47927902	TC	TD	OK	13.9149	5.28985	-1.39534	-2.481	0.00015	0.0017852	yes
mRNA	CA09g06440	Pepper1.55ch09:48422843-48424760	TC	TD	OK	2.66355	1.06433	-1.32341	-1.6842	0.0085	0.0376942	yes
mRNA	CA09g06490	Pepper1.55ch09:49199934-49203597	TC	TD	OK	21.7274	10.6218	-1.03248	-2.0031	0.0044	0.0232494	yes
mRNA	CA09g06620	Pepper1.55ch09:50305509-50309440	TC	TD	OK	13.8339	4.78109	-1.5328	-2.9395	0.00165	0.011156	yes
mRNA	CA09g06660	Pepper1.55ch09:50645108-50648897	TC	TD	OK	9.33393	2.57681	-1.8569	-3	0.00015	0.0017852	yes
mRNA	CA09g06750	Pepper1.55ch09:51380664-51381599	TC	TD	OK	17.5794	46.8797	1.41508	3.47375	0.0002	0.0022357	yes
mRNA	CA09g06980	Pepper1.55ch09:58209627-58212479	TC	TD	OK	11.4836	4.52602	-1.34326	-2.2102	0.0012	0.008808	yes
mRNA	CA09g07030	Pepper1.55ch09:60125882-60127007	TC	TD	OK	79.3225	37.9562	-1.06339	-2.0573	0.00345	0.0193474	yes
mRNA	CA09g07070	Pepper1.55ch09:60742616-60743456	TC	TD	OK	81.8339	35.1282	-1.22007	-2.5012	0.00255	0.0155107	yes
mRNA	CA09g07100	Pepper1.55ch09:61233681-61234404	TC	TD	OK	28.0425	95.9255	1.7743	4.41472	5.00E-05	0.0007276	yes
mRNA	CA09g07170	Pepper1.55ch09:61823174-61826522	TC	TD	OK	4.30289	1.40605	-1.61366	-2.2632	0.0063	0.0303071	yes
mRNA	CA09g07190	Pepper1.55ch09:62032666-62035432	TC	TD	OK	39.5085	92.7357	1.23096	3.09466	0.00045	0.0041816	yes
mRNA	CA09g07250	Pepper1.55ch09:62496961-62498628	TC	TD	OK	91.4134	10.3546	-3.14213	-5.8755	5.00E-05	0.0007276	yes
mRNA	CA09g07310	Pepper1.55ch09:63450731-63454098	TC	TD	OK	34.8276	4.74695	-2.87516	-5.1593	5.00E-05	0.0007276	yes
mRNA	CA09g07330	Pepper1.55ch09:63477202-63480453	TC	TD	OK	97.4002	29.2899	-1.73352	-3.8976	5.00E-05	0.0007276	yes
mRNA	CA09g07380	Pepper1.55ch09:64097938-64105708	TC	TD	OK	10.7579	35.434	1.71974	3.48002	5.00E-05	0.0007276	yes
mRNA	CA09g07450	Pepper1.55ch09:65000641-65001778	TC	TD	OK	43.1677	102.858	1.25262	2.39864	0.0003	0.0030405	yes
mRNA	CA09g07770	Pepper1.55ch09:67801892-67805801	TC	TD	OK	6.71664	18.2683	1.44353	2.68333	0.00035	0.0034365	yes
mRNA	CA09g07790	Pepper1.55ch09:68170463-68172550	TC	TD	OK	10.3076	3.71025	-1.47412	-2.5921	0.0032	0.0182162	yes
mRNA	CA09g07940	Pepper1.55ch09:71358549-71364153	TC	TD	OK	3.30094	1.53914	-1.10075	-1.6577	0.01095	0.0450263	yes
mRNA	CA09g07990	Pepper1.55ch09:71742852-71743721	TC	TD	OK	5.97576	18.1109	1.59966	3.34174	0.0049	0.0252289	yes
mRNA	CA09g08070	Pepper1.55ch09:72415333-72424414	TC	TD	OK	9.85759	5.25037	-0.90882	-1.6277	0.01075	0.0444218	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA09g08100	Pepper1.55ch09:72887638-72891974	TC	TD	OK	34.3664	15.178	-1.17902	-2.5287	0.0006	0.0051829	yes
mRNA	CA09g08160	Pepper1.55ch09:73888994-73890264	TC	TD	OK	13.7577	4.89987	-1.48943	-2.8236	0.00085	0.0067798	yes
mRNA	CA09g08320	Pepper1.55ch09:76672660-76673314	TC	TD	OK	10.816	26.9548	1.31737	2.85974	0.002	0.012937	yes
mRNA	CA09g08360	Pepper1.55ch09:77386153-77389496	TC	TD	OK	177.633	478.388	1.42928	3.03854	0.0007	0.0057915	yes
mRNA	CA09g08480	Pepper1.55ch09:80222028-80227140	TC	TD	OK	5.07162	12.8861	1.3453	2.22425	0.0002	0.0022357	yes
mRNA	CA09g08490	Pepper1.55ch09:80237814-80240826	TC	TD	OK	12.4346	33.0248	1.40919	4.21428	0.0082	0.0367964	yes
mRNA	CA09g08590	Pepper1.55ch09:83569467-83572184	TC	TD	OK	14.3086	4.45037	-1.68488	-3.1576	5.00E-05	0.0007276	yes
mRNA	CA09g08950	Pepper1.55ch09:96680646-96681093	TC	TD	OK	251.706	781.832	1.63512	3.65743	0.00155	0.0107004	yes
mRNA	CA09g09060	Pepper1.55ch09:100039387-100041001	TC	TD	OK	20.2189	5.61003	-1.84962	-3.6911	5.00E-05	0.0007276	yes
mRNA	CA09g09070	Pepper1.55ch09:100042388-100043518	TC	TD	OK	7.64087	2.79403	-1.45139	-2.322	0.0041	0.0221054	yes
mRNA	CA09g09080	Pepper1.55ch09:100935784-100947205	TC	TD	OK	6.41625	17.2458	1.42644	2.4277	0.0002	0.0022357	yes
mRNA	CA09g09370	Pepper1.55ch09:110646222-110648225	TC	TD	OK	30.2909	11.3295	-1.4188	-2.8908	0.0001	0.0012767	yes
mRNA	CA09g09480	Pepper1.55ch09:116156144-116156378	TC	TD	OK	0	14.993	inf	nan	0.0006	0.0051829	yes
mRNA	CA09g09580	Pepper1.55ch09:119252901-119260190	TC	TD	OK	32.9734	66.871	1.02008	2.1763	0.0028	0.0165058	yes
mRNA	CA09g09640	Pepper1.55ch09:121925786-121935503	TC	TD	OK	9.64955	25.4074	1.39672	2.67399	0.0001	0.0012767	yes
mRNA	CA09g09700	Pepper1.55ch09:126318828-126324403	TC	TD	OK	9.99838	4.86166	-1.04025	-1.8817	0.0079	0.0358122	yes
mRNA	CA09g09770	Pepper1.55ch09:128179254-128184639	TC	TD	OK	23.3276	59.95	1.36172	2.64944	0.0001	0.0012767	yes
mRNA	CA09g09850	Pepper1.55ch09:128852180-128853794	TC	TD	OK	53.4167	27.0881	-0.97963	-2.1924	0.0109	0.0449063	yes
mRNA	CA09g09940	Pepper1.55ch09:134219587-134222779	TC	TD	OK	9.34849	20.7797	1.15237	2.19856	0.00815	0.0366701	yes
mRNA	CA09g10320	Pepper1.55ch09:145017746-145020446	TC	TD	OK	195.265	82.1533	-1.24904	-2.9419	0.0002	0.0022357	yes
mRNA	CA09g10710	Pepper1.55ch09:155835781-155836141	TC	TD	OK	17.2052	4.99151	-1.7853	-3.5996	0.01225	0.0490357	yes
mRNA	CA09g10830	Pepper1.55ch09:158998130-158999042	TC	TD	OK	0.61265	9.50441	3.95546	2.75457	0.0026	0.0156946	yes
mRNA	CA09g10940	Pepper1.55ch09:162450485-162453424	TC	TD	OK	662.74	323.159	-1.0362	-3.6969	0.0019	0.0124233	yes
mRNA	CA09g10990	Pepper1.55ch09:164540105-164541354	TC	TD	OK	67.4888	35.4212	-0.93003	-2.5238	0.00725	0.0336025	yes
mRNA	CA09g11090	Pepper1.55ch09:168158246-168158474	TC	TD	OK	33.076	5.71368	-2.53329	-5.8973	0.01135	0.0461928	yes
mRNA	CA09g11590	Pepper1.55ch09:184953209-184967589	TC	TD	OK	6.62268	17.5411	1.40525	2.55599	0.0002	0.0022357	yes
mRNA	CA09g11750	Pepper1.55ch09:190098797-190099989	TC	TD	OK	3.59947	8.71667	1.27599	2.26918	0.0088	0.0385265	yes
mRNA	CA09g11930	Pepper1.55ch09:193381138-193381634	TC	TD	OK	15.0186	112.597	2.90634	8.38901	5.00E-05	0.0007276	yes
mRNA	CA09g11940	Pepper1.55ch09:193383662-193384241	TC	TD	OK	28.9155	122.657	2.08472	4.74487	5.00E-05	0.0007276	yes
mRNA	CA09g11950	Pepper1.55ch09:193384300-193385152	TC	TD	OK	49.1965	195.738	1.9923	4.68337	5.00E-05	0.0007276	yes
mRNA	CA09g12030	Pepper1.55ch09:195597551-195601035	TC	TD	OK	67.8039	195.597	1.52844	3.28317	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA09g12040	Pepper1.55ch09:195919639-195919987	TC	TD	OK	15.8758	118.831	2.90402	9.40707	5.00E-05	0.0007276	yes
mRNA	CA09g12150	Pepper1.55ch09:199626194-199626485	TC	TD	OK	230.837	72.4447	-1.67192	-6.9572	0.00025	0.0026513	yes
mRNA	CA09g12200	Pepper1.55ch09:200992865-200996288	TC	TD	OK	24.2064	44.9591	0.89323	1.74399	0.0094	0.0403457	yes
mRNA	CA09g12210	Pepper1.55ch09:201854694-201856216	TC	TD	OK	4.72752	26.6665	2.49588	4.54338	0.0002	0.0022357	yes
mRNA	CA09g12500	Pepper1.55ch09:212732262-212735359	TC	TD	OK	3.51998	1.2569	-1.4857	-2.3808	0.00115	0.0085407	yes
mRNA	CA09g12760	Pepper1.55ch09:218715077-218715350	TC	TD	OK	68.7358	23.1584	-1.56953	-6.5437	0.00305	0.0176148	yes
mRNA	CA09g13120	Pepper1.55ch09:225330685-225331207	TC	TD	OK	7.58309	19.2533	1.34424	2.88079	0.005	0.0256475	yes
mRNA	CA09g13320	Pepper1.55ch09:228314431-228314970	TC	TD	OK	64.6999	18.1105	-1.83694	-4.824	5.00E-05	0.0007276	yes
mRNA	CA09g13460	Pepper1.55ch09:230053565-230055287	TC	TD	OK	17.1538	34.8699	1.02345	2.01197	0.0031	0.0178014	yes
mRNA	CA09g13860	Pepper1.55ch09:234037021-234037321	TC	TD	OK	0	7.78917	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA09g13890	Pepper1.55ch09:234281743-234284995	TC	TD	OK	179.436	338.954	0.91762	1.74585	0.009	0.0391184	yes
mRNA	CA09g13980	Pepper1.55ch09:235071752-235072526	TC	TD	OK	37.4603	8.47528	-2.14403	-4.6542	5.00E-05	0.0007276	yes
mRNA	CA09g14040	Pepper1.55ch09:235860022-235861568	TC	TD	OK	34.6086	12.4343	-1.47681	-2.5244	0.00125	0.0090735	yes
mRNA	CA09g14130	Pepper1.55ch09:236285390-236287071	TC	TD	OK	5.9526	1.94272	-1.61544	-2.4894	0.0054	0.0270736	yes
mRNA	CA09g14320	Pepper1.55ch09:238371803-238373884	TC	TD	OK	4.10334	1.33115	-1.62413	-2.2713	0.0076	0.0347972	yes
mRNA	CA09g14420	Pepper1.55ch09:239541777-239546506	TC	TD	OK	95.1888	244.577	1.36143	2.4725	0.0001	0.0012767	yes
mRNA	CA09g14780	Pepper1.55ch09:241555833-241559530	TC	TD	OK	596.025	2354.43	1.98193	2.0522	0.00275	0.016281	yes
mRNA	CA09g14830	Pepper1.55ch09:241636674-241639951	TC	TD	OK	14.4245	44.0525	1.6107	3.79117	0.0001	0.0012767	yes
mRNA	CA09g14890	Pepper1.55ch09:242097895-242101067	TC	TD	OK	0	8.23152	inf	nan	0.00145	0.0101871	yes
mRNA	CA09g14910	Pepper1.55ch09:242131492-242132253	TC	TD	OK	684.76	9017.31	3.71903	16.5092	5.00E-05	0.0007276	yes
mRNA	CA09g14920	Pepper1.55ch09:242137237-242140608	TC	TD	OK	95.6053	218.074	1.18966	2.51147	0.00055	0.0048567	yes
mRNA	CA09g15300	Pepper1.55ch09:245205161-245205627	TC	TD	OK	5.74046	56.8752	3.30856	7.28781	0.00015	0.0017852	yes
mRNA	CA09g15310	Pepper1.55ch09:245206878-245208175	TC	TD	OK	392.065	6215.43	3.98669	20.0931	5.00E-05	0.0007276	yes
mRNA	CA09g15380	Pepper1.55ch09:245838446-245841440	TC	TD	OK	43.6689	12.8983	-1.75943	-3.2484	5.00E-05	0.0007276	yes
mRNA	CA09g15440	Pepper1.55ch09:246120398-246120650	TC	TD	OK	0	43.7792	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA09g15540	Pepper1.55ch09:246446007-246446828	TC	TD	OK	10.5349	3.45317	-1.60919	-2.6779	0.0058	0.0284366	yes
mRNA	CA09g15640	Pepper1.55ch09:246850125-246850449	TC	TD	OK	63.1622	16.4328	-1.94248	-6.133	0.0004	0.0038157	yes
mRNA	CA09g15730	Pepper1.55ch09:247161801-247166441	TC	TD	OK	8.81961	22.4283	1.34654	2.63114	0.0003	0.0030405	yes
mRNA	CA09g15780	Pepper1.55ch09:247376002-247379272	TC	TD	OK	31.8637	80.5697	1.33832	2.58433	0.0002	0.0022357	yes
mRNA	CA09g16120	Pepper1.55ch09:248136423-248136696	TC	TD	OK	0	16.1169	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA09g16390	Pepper1.55ch09:249320766-249321681	TC	TD	OK	8.18328	3.61903	-1.17708	-1.9132	0.00875	0.0383967	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA09g16410	Pepper1.55ch09:249382024-249383827	TC	TD	OK	65.2469	156.921	1.26606	2.07885	0.00055	0.0048567	yes
mRNA	CA09g16470	Pepper1.55ch09:249495391-249498521	TC	TD	OK	26.2219	124.272	2.24466	3.38416	5.00E-05	0.0007276	yes
mRNA	CA09g16540	Pepper1.55ch09:249589319-249594108	TC	TD	OK	27.4417	8.8463	-1.63322	-3.1948	5.00E-05	0.0007276	yes
mRNA	CA09g16600	Pepper1.55ch09:249683306-249685463	TC	TD	OK	21.0812	53.1474	1.33404	3.39419	0.0007	0.0057915	yes
mRNA	CA09g16630	Pepper1.55ch09:249711454-249712698	TC	TD	OK	12.5991	39.0665	1.63261	3.56515	5.00E-05	0.0007276	yes
mRNA	CA09g16640	Pepper1.55ch09:249721576-249726563	TC	TD	OK	24.1573	10.905	-1.14748	-2.2482	0.00155	0.0107004	yes
mRNA	CA09g16750	Pepper1.55ch09:249986751-249989258	TC	TD	OK	9.09326	29.7764	1.7113	3.39959	0.0002	0.0022357	yes
mRNA	CA09g16770	Pepper1.55ch09:250030336-250031354	TC	TD	OK	26.0635	100.508	1.94721	4.14209	5.00E-05	0.0007276	yes
mRNA	CA09g16790	Pepper1.55ch09:250078549-250081481	TC	TD	OK	162.289	23.4901	-2.78844	-5.5632	5.00E-05	0.0007276	yes
mRNA	CA09g16860	Pepper1.55ch09:250222826-250231327	TC	TD	OK	97.8255	52.5946	-0.8953	-1.8074	0.007	0.0327557	yes
mRNA	CA09g16880	Pepper1.55ch09:250257007-250260514	TC	TD	OK	45.8311	176.348	1.94402	3.33526	5.00E-05	0.0007276	yes
mRNA	CA09g16960	Pepper1.55ch09:250335470-250335848	TC	TD	OK	55.9696	18.8152	-1.57274	-4.9468	0.0011	0.0082588	yes
mRNA	CA09g17240	Pepper1.55ch09:250588185-250589887	TC	TD	OK	93.1819	36.5718	-1.34932	-2.8874	0.00075	0.0061114	yes
mRNA	CA09g17260	Pepper1.55ch09:250607852-250608416	TC	TD	OK	1.26644	19.8215	3.96822	4.67466	0.00765	0.0349625	yes
mRNA	CA09g17270	Pepper1.55ch09:250631092-250634418	TC	TD	OK	268.285	122.911	-1.12615	-2.4037	0.00095	0.0073823	yes
mRNA	CA09g17680	Pepper1.55ch09:251225099-251229667	TC	TD	OK	3.22569	1.45885	-1.14477	-1.7052	0.01035	0.0432664	yes
mRNA	CA09g17740	Pepper1.55ch09:251319226-251321266	TC	TD	OK	5.27683	12.2055	1.20979	2.25757	0.0037	0.0204605	yes
mRNA	CA09g17860	Pepper1.55ch09:251502895-251503228	TC	TD	OK	54.859	16.8477	-1.70318	-5.378	0.00145	0.0101871	yes
mRNA	CA09g17870	Pepper1.55ch09:251507496-251512383	TC	TD	OK	1.9915	6.16974	1.63135	2.57267	0.0017	0.0114072	yes
mRNA	CA09g17940	Pepper1.55ch09:251578555-251579721	TC	TD	OK	6.14691	26.4691	2.10638	3.78132	0.0001	0.0012767	yes
mRNA	CA09g17960	Pepper1.55ch09:251600086-251600929	TC	TD	OK	9.61436	2.69247	-1.83626	-3.0393	0.0014	0.009905	yes
mRNA	CA09g17970	Pepper1.55ch09:251610546-251616169	TC	TD	OK	1.73726	4.05843	1.22411	1.89839	0.0048	0.0248838	yes
mRNA	CA09g18340	Pepper1.55ch09:252078591-252084595	TC	TD	OK	7.26815	15.494	1.09205	1.95908	0.00315	0.0180131	yes
mRNA	CA09g18350	Pepper1.55ch09:252097404-252098703	TC	TD	OK	62.9983	144.257	1.19526	2.33657	0.00045	0.0041816	yes
mRNA	CA09g18510	Pepper1.55ch09:252406853-252407222	TC	TD	OK	40.5653	12.7067	-1.67465	-4.5083	0.00105	0.0079626	yes
mRNA	CA09g18520	Pepper1.55ch09:252410755-252411154	TC	TD	OK	119.388	247.125	1.04958	3.01974	0.0104	0.0433434	yes
mRNA	CA09g18530	Pepper1.55ch09:252413242-252415198	TC	TD	OK	7.2261	2.82807	-1.3534	-2.2189	0.00225	0.0140483	yes
mRNA	CA09g18640	Pepper1.55ch09:252492223-252493537	TC	TD	OK	11.7877	23.5545	0.99873	1.81214	0.00725	0.0336025	yes
mRNA	CA09g18710	Pepper1.55ch09:252525168-252525573	TC	TD	OK	94.8444	344.389	1.86041	5.83185	5.00E-05	0.0007276	yes
mRNA	CA09g18740	Pepper1.55ch09:252547012-252550469	TC	TD	OK	0.69968	6.18746	3.14458	3.99917	0.0001	0.0012767	yes
mRNA	CA10g00110	Pepper1.55ch10:167710-173151	TC	TD	OK	142.712	74.5986	-0.93588	-2.4292	0.0077	0.035106	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA10g00180	Pepper1.55ch10:251597-253043	TC	TD	OK	1058.48	384.79	-1.45985	-4.3845	5.00E-05	0.0007276	yes
mRNA	CA10g00320	Pepper1.55ch10:369257-375726	TC	TD	OK	5.57389	2.67613	-1.05854	-1.6583	0.0107	0.0442636	yes
mRNA	CA10g00330	Pepper1.55ch10:381198-382929	TC	TD	OK	4.27065	1.32281	-1.69085	-2.3872	0.001	0.0076526	yes
mRNA	CA10g00410	Pepper1.55ch10:478300-491119	TC	TD	OK	5.91731	2.20271	-1.42566	-2.3355	0.00025	0.0026513	yes
mRNA	CA10g00490	Pepper1.55ch10:596267-600320	TC	TD	OK	5.96908	1.45626	-2.03524	-2.864	0.0015	0.010446	yes
mRNA	CA10g00570	Pepper1.55ch10:787207-796710	TC	TD	OK	11.0483	21.76	0.97786	1.85295	0.00435	0.0230579	yes
mRNA	CA10g00670	Pepper1.55ch10:967978-968362	TC	TD	OK	127.025	289.314	1.18753	3.26678	0.00485	0.024997	yes
mRNA	CA10g00690	Pepper1.55ch10:973211-973589	TC	TD	OK	99.3758	5.70467	-4.12268	-8.1299	0.00015	0.0017852	yes
mRNA	CA10g00790	Pepper1.55ch10:1414454-1416406	TC	TD	OK	14.7513	4.18047	-1.81911	-3.4661	0.0012	0.008808	yes
mRNA	CA10g00840	Pepper1.55ch10:1446819-1449788	TC	TD	OK	637.99	312.895	-1.02785	-2.8585	0.0035	0.0195624	yes
mRNA	CA10g00910	Pepper1.55ch10:1497751-1502732	TC	TD	OK	27.4382	58.2494	1.08606	2.34045	0.00175	0.0116752	yes
mRNA	CA10g00930	Pepper1.55ch10:1510087-1510588	TC	TD	OK	62.2456	130.861	1.07199	2.52024	0.005	0.0256475	yes
mRNA	CA10g01040	Pepper1.55ch10:1638997-1642295	TC	TD	OK	492.398	961.734	0.96581	1.91298	0.0124	0.0495049	yes
mRNA	CA10g01090	Pepper1.55ch10:1678857-1683601	TC	TD	OK	1305.58	286.323	-2.18898	-2.8258	5.00E-05	0.0007276	yes
mRNA	CA10g01180	Pepper1.55ch10:1787292-1789927	TC	TD	OK	12.8729	5.48527	-1.23071	-2.1998	0.0036	0.0200102	yes
mRNA	CA10g01190	Pepper1.55ch10:1792270-1795424	TC	TD	OK	97.0121	35.3372	-1.45698	-3.2139	5.00E-05	0.0007276	yes
mRNA	CA10g01210	Pepper1.55ch10:1820221-1821605	TC	TD	OK	16.5185	8.42565	-0.97122	-1.8816	0.0104	0.0433434	yes
mRNA	CA10g01240	Pepper1.55ch10:2121638-2122628	TC	TD	OK	3.80486	0.92826	-2.03525	-2.2513	0.01235	0.0493706	yes
mRNA	CA10g01310	Pepper1.55ch10:2293421-2296787	TC	TD	OK	4.5751	1.57252	-1.54072	-2.2425	0.0029	0.0169299	yes
mRNA	CA10g01420	Pepper1.55ch10:2746247-2752577	TC	TD	OK	11.3659	21.6206	0.92769	1.60055	0.00795	0.0359417	yes
mRNA	CA10g01470	Pepper1.55ch10:2815273-2815975	TC	TD	OK	35.4806	121.927	1.78092	4.29518	5.00E-05	0.0007276	yes
mRNA	CA10g01500	Pepper1.55ch10:2979157-2983880	TC	TD	OK	19.863	38.8022	0.96606	1.89096	0.00705	0.0329284	yes
mRNA	CA10g01590	Pepper1.55ch10:3114251-3115109	TC	TD	OK	86.2354	167.443	0.95732	2.18213	0.00455	0.0238831	yes
mRNA	CA10g01710	Pepper1.55ch10:3315420-3322924	TC	TD	OK	3.50157	0.79439	-2.14008	-2.4707	0.0086	0.0379814	yes
mRNA	CA10g01720	Pepper1.55ch10:3329197-3331245	TC	TD	OK	63.8172	24.2082	-1.39845	-2.9768	0.00025	0.0026513	yes
mRNA	CA10g01750	Pepper1.55ch10:3820130-3823139	TC	TD	OK	17.0822	6.70101	-1.35005	-2.5604	0.0002	0.0022357	yes
mRNA	CA10g01780	Pepper1.55ch10:3839964-3845828	TC	TD	OK	7.39316	3.28006	-1.17247	-1.9867	0.0037	0.0204605	yes
mRNA	CA10g01910	Pepper1.55ch10:3975402-3979580	TC	TD	OK	7.32969	3.08745	-1.24734	-2.2643	0.00965	0.0411031	yes
mRNA	CA10g01950	Pepper1.55ch10:4020095-4024025	TC	TD	OK	172.072	65.2147	-1.39975	-2.8125	5.00E-05	0.0007276	yes
mRNA	CA10g02010	Pepper1.55ch10:4058913-4060691	TC	TD	OK	33.567	16.6753	-1.00933	-1.9436	0.0103	0.0431291	yes
mRNA	CA10g02070	Pepper1.55ch10:4201666-4204055	TC	TD	OK	6.62666	13.7794	1.05615	1.81158	0.0119	0.0479015	yes

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mRNA	CA10g02130	Pepper1.55ch10:4307502-4314751	TC	TD	OK	14.3823	4.74553	-1.59965	-2.927	5.00E-05	0.0007276	yes
mRNA	CA10g02170	Pepper1.55ch10:5095083-5100514	TC	TD	OK	5.34008	2.32078	-1.20225	-1.8233	0.0065	0.0310514	yes
mRNA	CA10g02280	Pepper1.55ch10:5244937-5250097	TC	TD	OK	83.0266	43.7678	-0.92371	-2.088	0.00675	0.0318127	yes
mRNA	CA10g02290	Pepper1.55ch10:5251424-5257033	TC	TD	OK	18.0031	39.2335	1.12384	1.95985	0.00155	0.0107004	yes
mRNA	CA10g02500	Pepper1.55ch10:6187345-6193059	TC	TD	OK	26.9055	13.8749	-0.95543	-1.9782	0.0071	0.0331107	yes
mRNA	CA10g02530	Pepper1.55ch10:6705674-6706535	TC	TD	OK	25.4547	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA10g02550	Pepper1.55ch10:6802327-6807145	TC	TD	OK	0.81989	15.3737	4.22888	5.82542	5.00E-05	0.0007276	yes
mRNA	CA10g02670	Pepper1.55ch10:7805818-7811908	TC	TD	OK	6.59703	2.72811	-1.27392	-2.1724	0.01055	0.0437751	yes
mRNA	CA10g02760	Pepper1.55ch10:8026547-8026871	TC	TD	OK	23.2653	0	#NAME?	nan	0.0001	0.0012767	yes
mRNA	CA10g02820	Pepper1.55ch10:8099078-8101214	TC	TD	OK	63.6117	15.7917	-2.01013	-4.0879	5.00E-05	0.0007276	yes
mRNA	CA10g03150	Pepper1.55ch10:10535858-10536560	TC	TD	OK	3.88884	17.299	2.15328	3.49847	0.0001	0.0012767	yes
mRNA	CA10g03220	Pepper1.55ch10:10697805-10698924	TC	TD	OK	19.2097	3.43057	-2.48532	-4.1729	5.00E-05	0.0007276	yes
mRNA	CA10g03230	Pepper1.55ch10:10701554-10702813	TC	TD	OK	14.8763	5.43046	-1.45387	-2.9029	0.0085	0.0376942	yes
mRNA	CA10g03290	Pepper1.55ch10:11149635-11155502	TC	TD	OK	6.62598	1.97401	-1.747	-2.402	0.0056	0.0277718	yes
mRNA	CA10g03330	Pepper1.55ch10:11190890-11193627	TC	TD	OK	8.45669	25.2432	1.57773	3.28612	0.0001	0.0012767	yes
mRNA	CA10g03370	Pepper1.55ch10:11218883-11223116	TC	TD	OK	255.092	100.534	-1.34334	-3.1991	0.00015	0.0017852	yes
mRNA	CA10g03410	Pepper1.55ch10:11366820-11371935	TC	TD	OK	16.3431	42.9652	1.39449	3.08793	0.0001	0.0012767	yes
mRNA	CA10g03570	Pepper1.55ch10:12193041-12193734	TC	TD	OK	20.6716	8.13711	-1.34506	-2.8584	0.0022	0.0138219	yes
mRNA	CA10g03650	Pepper1.55ch10:13533764-13535787	TC	TD	OK	4.54225	11.3558	1.32195	2.39862	0.0021	0.0134057	yes
mRNA	CA10g03710	Pepper1.55ch10:14558283-14563233	TC	TD	OK	75.7087	33.098	-1.19372	-2.3678	0.0007	0.0057915	yes
mRNA	CA10g03970	Pepper1.55ch10:17699694-17700171	TC	TD	OK	1109.69	445.656	-1.31615	-3.4585	0.0003	0.0030405	yes
mRNA	CA10g04080	Pepper1.55ch10:18937492-18937744	TC	TD	OK	220.284	85.6409	-1.36299	-8.4892	0.00095	0.0073823	yes
mRNA	CA10g04090	Pepper1.55ch10:19071501-19073250	TC	TD	OK	9.84274	34.788	1.82146	3.20017	5.00E-05	0.0007276	yes
mRNA	CA10g04290	Pepper1.55ch10:21169255-21169610	TC	TD	OK	4750.17	2154.13	-1.14087	-10.771	0.00795	0.0359417	yes
mRNA	CA10g04320	Pepper1.55ch10:21173248-21180583	TC	TD	OK	7.89218	2.70952	-1.54238	-2.4652	0.00195	0.0126842	yes
mRNA	CA10g04410	Pepper1.55ch10:21190094-21191258	TC	TD	OK	6.3348	1.31796	-2.26499	-3.6087	0.00205	0.0131645	yes
mRNA	CA10g04460	Pepper1.55ch10:21415096-21418620	TC	TD	OK	68.1388	34.624	-0.9767	-2.1155	0.00505	0.025825	yes
mRNA	CA10g04680	Pepper1.55ch10:27663355-27665796	TC	TD	OK	31.584	268.556	3.08796	6.0553	5.00E-05	0.0007276	yes
mRNA	CA10g04960	Pepper1.55ch10:32259310-32261956	TC	TD	OK	364.463	60.5231	-2.59021	-4.3723	5.00E-05	0.0007276	yes
mRNA	CA10g05030	Pepper1.55ch10:33182625-33192582	TC	TD	OK	46.3964	10.59	-2.13131	-4.4899	5.00E-05	0.0007276	yes
mRNA	CA10g05060	Pepper1.55ch10:33758008-33758296	TC	TD	OK	708.125	1392.23	0.97532	4.66426	0.00595	0.0290118	yes

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mRNA	CA10g05220	Pepper1.55ch10:37760593-37764398	TC	TD	OK	9.05209	2.11363	-2.09853	-3.3121	5.00E-05	0.0007276	yes
mRNA	CA10g05240	Pepper1.55ch10:38020658-38021051	TC	TD	OK	839.274	382.899	-1.13218	-6.0625	0.0004	0.0038157	yes
mRNA	CA10g05330	Pepper1.55ch10:38546916-38548659	TC	TD	OK	16.2433	6.77447	-1.26166	-2.1581	0.00075	0.0061114	yes
mRNA	CA10g05340	Pepper1.55ch10:38602066-38607815	TC	TD	OK	17.8957	8.70996	-1.03887	-2.1446	0.00625	0.0301434	yes
mRNA	CA10g05440	Pepper1.55ch10:41808144-41808312	TC	TD	OK	232.61	57.9957	-2.00389	-19.556	0.00535	0.0268407	yes
mRNA	CA10g05460	Pepper1.55ch10:42838287-42840296	TC	TD	OK	10.4796	30.9115	1.56056	3.04271	5.00E-05	0.0007276	yes
mRNA	CA10g05550	Pepper1.55ch10:43742313-43748909	TC	TD	OK	16.621	49.1223	1.56337	3.1117	5.00E-05	0.0007276	yes
mRNA	CA10g05650	Pepper1.55ch10:46085687-46086266	TC	TD	OK	657.182	198.261	-1.72889	-3.7086	0.00015	0.0017852	yes
mRNA	CA10g05830	Pepper1.55ch10:49541931-49545028	TC	TD	OK	15.4744	5.89634	-1.392	-2.5119	0.0004	0.0038157	yes
mRNA	CA10g05930	Pepper1.55ch10:52656443-52667494	TC	TD	OK	5.00812	0.71581	-2.80662	-2.6725	0.001	0.0076526	yes
mRNA	CA10g05980	Pepper1.55ch10:53697510-53703220	TC	TD	OK	42.1332	5.78465	-2.86466	-4.4883	5.00E-05	0.0007276	yes
mRNA	CA10g06100	Pepper1.55ch10:56682853-56684173	TC	TD	OK	36.6107	7.33737	-2.31893	-4.7393	5.00E-05	0.0007276	yes
mRNA	CA10g06400	Pepper1.55ch10:61970633-61978503	TC	TD	OK	9.6347	4.35221	-1.14649	-1.9941	0.00505	0.025825	yes
mRNA	CA10g06410	Pepper1.55ch10:62715896-62717345	TC	TD	OK	9.77628	3.07444	-1.66896	-2.8836	0.0001	0.0012767	yes
mRNA	CA10g06450	Pepper1.55ch10:64565286-64565655	TC	TD	OK	192.443	83.7282	-1.20065	-3.7991	0.0016	0.0109355	yes
mRNA	CA10g06500	Pepper1.55ch10:66225990-66228391	TC	TD	OK	29.5952	13.7789	-1.1029	-2.9218	0.01015	0.0426074	yes
mRNA	CA10g06750	Pepper1.55ch10:73380984-73398656	TC	TD	OK	46.8929	24.0063	-0.96595	-2.0185	0.00615	0.0297658	yes
mRNA	CA10g07020	Pepper1.55ch10:77153020-77153971	TC	TD	OK	1.45502	16.1405	3.47158	4.95358	5.00E-05	0.0007276	yes
mRNA	CA10g07030	Pepper1.55ch10:77905445-77908325	TC	TD	OK	70.4841	150.083	1.09039	2.37968	0.00145	0.0101871	yes
mRNA	CA10g07050	Pepper1.55ch10:78425936-78427970	TC	TD	OK	169.329	86.5623	-0.96802	-2.278	0.0034	0.0191524	yes
mRNA	CA10g07390	Pepper1.55ch10:87214905-87221250	TC	TD	OK	83.6656	187.824	1.16668	2.51349	0.0006	0.0051829	yes
mRNA	CA10g07590	Pepper1.55ch10:89584536-89584926	TC	TD	OK	47.3007	11.0437	-2.09863	-5.8065	0.0003	0.0030405	yes
mRNA	CA10g07730	Pepper1.55ch10:89890018-89898594	TC	TD	OK	41.2611	15.2385	-1.43706	-3.1409	5.00E-05	0.0007276	yes
mRNA	CA10g08000	Pepper1.55ch10:97673591-97680797	TC	TD	OK	6.72798	14.6532	1.12297	2.14247	0.0022	0.0138219	yes
mRNA	CA10g08080	Pepper1.55ch10:99833885-99834967	TC	TD	OK	1.55211	6.01808	1.95507	2.9228	0.00355	0.019776	yes
mRNA	CA10g08150	Pepper1.55ch10:102344161-102346561	TC	TD	OK	6.41641	3.31554	-0.95252	-1.5905	0.01255	0.0499979	yes
mRNA	CA10g08170	Pepper1.55ch10:103281289-103288189	TC	TD	OK	26.8199	12.318	-1.12253	-2.2856	0.0014	0.009905	yes
mRNA	CA10g08430	Pepper1.55ch10:111685858-111690691	TC	TD	OK	8.43408	16.7039	0.98588	1.79574	0.0083	0.0370797	yes
mRNA	CA10g08530	Pepper1.55ch10:115127887-115131766	TC	TD	OK	2.27291	6.49646	1.51511	2.43459	0.00085	0.0067798	yes
mRNA	CA10g08580	Pepper1.55ch10:115875210-115882344	TC	TD	OK	4.57158	13.9037	1.6047	2.59779	0.0002	0.0022357	yes
mRNA	CA10g08670	Pepper1.55ch10:120654324-120658751	TC	TD	OK	164.113	67.3229	-1.28552	-3.3044	0.0001	0.0012767	yes

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mRNA	CA10g08700	Pepper1.55ch10:120678871-120680095	TC	TD	OK	151.522	406.162	1.42253	2.44697	0.0005	0.0045156	yes
mRNA	CA10g08760	Pepper1.55ch10:120910929-120918473	TC	TD	OK	30.8134	8.72467	-1.82038	-3.6694	5.00E-05	0.0007276	yes
mRNA	CA10g08770	Pepper1.55ch10:121261567-121262830	TC	TD	OK	31.6975	75.1827	1.24603	2.47991	0.00125	0.0090735	yes
mRNA	CA10g08820	Pepper1.55ch10:123246861-123249729	TC	TD	OK	12.422	2.7142	-2.19429	-3.6198	5.00E-05	0.0007276	yes
mRNA	CA10g08870	Pepper1.55ch10:126869388-126873101	TC	TD	OK	55.56	8.87366	-2.64645	-5.7557	5.00E-05	0.0007276	yes
mRNA	CA10g08950	Pepper1.55ch10:127745781-127746120	TC	TD	OK	49.8436	13.9105	-1.84124	-5.3991	0.001	0.0076526	yes
mRNA	CA10g08960	Pepper1.55ch10:127758710-127759772	TC	TD	OK	5.65351	0.60069	-3.23445	-2.8731	0.00615	0.0297658	yes
mRNA	CA10g09000	Pepper1.55ch10:128645533-128646886	TC	TD	OK	3.91299	37.5527	3.26257	4.93715	5.00E-05	0.0007276	yes
mRNA	CA10g09020	Pepper1.55ch10:128711292-128715913	TC	TD	OK	518.638	257.398	-1.01073	-4.1713	0.0037	0.0204605	yes
mRNA	CA10g09230	Pepper1.55ch10:132086803-132087187	TC	TD	OK	22.5467	1.50787	-3.90233	-4.107	0.00265	0.0158947	yes
mRNA	CA10g09450	Pepper1.55ch10:136696479-136703888	TC	TD	OK	107.196	42.7157	-1.32741	-2.9546	5.00E-05	0.0007276	yes
mRNA	CA10g09500	Pepper1.55ch10:139484742-139488859	TC	TD	OK	7.26856	13.9022	0.93557	1.78547	0.00925	0.0399062	yes
mRNA	CA10g09720	Pepper1.55ch10:144134480-144138797	TC	TD	OK	122.025	61.4149	-0.99052	-1.8255	0.00665	0.0314889	yes
mRNA	CA10g09860	Pepper1.55ch10:146398847-146399015	TC	TD	OK	35.5337	1331.21	5.2274	37.9471	0.0026	0.0156946	yes
mRNA	CA10g10100	Pepper1.55ch10:152666752-152667970	TC	TD	OK	79.4122	160.963	1.0193	3.40386	0.00385	0.0211351	yes
mRNA	CA10g10130	Pepper1.55ch10:153670434-153679077	TC	TD	OK	37.3974	20.0715	-0.89779	-2.048	0.01035	0.0432664	yes
mRNA	CA10g10160	Pepper1.55ch10:155643207-155648056	TC	TD	OK	93.7717	36.9746	-1.34262	-2.4791	0.0003	0.0030405	yes
mRNA	CA10g10220	Pepper1.55ch10:160935135-160943310	TC	TD	OK	0.92897	15.4103	4.05211	5.30845	5.00E-05	0.0007276	yes
mRNA	CA10g10580	Pepper1.55ch10:166926565-166928536	TC	TD	OK	32.3418	17.2959	-0.90297	-1.8197	0.0088	0.0385265	yes
mRNA	CA10g10790	Pepper1.55ch10:171556324-171562366	TC	TD	OK	20.2867	44.8096	1.14328	2.39138	0.00095	0.0073823	yes
mRNA	CA10g10820	Pepper1.55ch10:172446908-172448940	TC	TD	OK	12.0268	2.05898	-2.54626	-4.2752	5.00E-05	0.0007276	yes
mRNA	CA10g10970	Pepper1.55ch10:173304670-173305258	TC	TD	OK	31.4173	12.8849	-1.28587	-2.9021	0.0014	0.009905	yes
mRNA	CA10g11150	Pepper1.55ch10:176256470-176259402	TC	TD	OK	512.42	2289.88	2.15987	2.71	0.00035	0.0034365	yes
mRNA	CA10g11170	Pepper1.55ch10:176373035-176378650	TC	TD	OK	27.0491	13.9222	-0.95819	-1.9569	0.00535	0.0268407	yes
mRNA	CA10g11310	Pepper1.55ch10:179100117-179100831	TC	TD	OK	49.3027	6.17989	-2.99601	-6.2775	5.00E-05	0.0007276	yes
mRNA	CA10g11600	Pepper1.55ch10:182185534-182187014	TC	TD	OK	6.52395	1.60316	-2.02483	-2.8754	0.00535	0.0268407	yes
mRNA	CA10g11760	Pepper1.55ch10:185278258-185278468	TC	TD	OK	942.834	352.582	-1.41905	-13.079	0.0001	0.0012767	yes
mRNA	CA10g11800	Pepper1.55ch10:185633915-185636287	TC	TD	OK	17.0631	4.44112	-1.94189	-3.2098	5.00E-05	0.0007276	yes
mRNA	CA10g11910	Pepper1.55ch10:186125253-186126686	TC	TD	OK	18.8158	5.04435	-1.89921	-4.1609	0.0034	0.0191524	yes
mRNA	CA10g12080	Pepper1.55ch10:188324504-188330367	TC	TD	OK	5.4719	2.04842	-1.41753	-2.371	0.0005	0.0045156	yes
mRNA	CA10g12170	Pepper1.55ch10:189346489-189350504	TC	TD	OK	11.2146	4.6749	-1.26236	-2.1172	0.00505	0.025825	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA10g12300	Pepper1.55ch10:189906455-189907313	TC	TD	OK	8.87427	3.46882	-1.35518	-2.4718	0.0048	0.0248838	yes
mRNA	CA10g12380	Pepper1.55ch10:190631162-190634855	TC	TD	OK	220.99	51.0355	-2.11441	-3.9033	5.00E-05	0.0007276	yes
mRNA	CA10g12590	Pepper1.55ch10:193725517-193734253	TC	TD	OK	8.45947	1.61844	-2.38596	-3.4577	5.00E-05	0.0007276	yes
mRNA	CA10g12640	Pepper1.55ch10:194040337-194041813	TC	TD	OK	15.7996	109.436	2.79213	5.27786	5.00E-05	0.0007276	yes
mRNA	CA10g12680	Pepper1.55ch10:194264948-194269798	TC	TD	OK	38.3952	18.695	-1.03827	-2.2767	0.00215	0.0136155	yes
mRNA	CA10g12910	Pepper1.55ch10:195439327-195445811	TC	TD	OK	21.3853	45.7165	1.0961	2.38479	0.00185	0.0121861	yes
mRNA	CA10g13050	Pepper1.55ch10:196469569-196470403	TC	TD	OK	13.9545	3.05068	-2.19353	-3.4916	0.0001	0.0012767	yes
mRNA	CA10g13220	Pepper1.55ch10:197478299-197483611	TC	TD	OK	53.9456	122.808	1.18683	2.36048	0.00075	0.0061114	yes
mRNA	CA10g13510	Pepper1.55ch10:200395514-200404259	TC	TD	OK	162.641	89.1263	-0.86776	-2.0051	0.0105	0.0436276	yes
mRNA	CA10g13570	Pepper1.55ch10:200511338-200513279	TC	TD	OK	4.78105	1.91653	-1.31883	-2.02	0.00355	0.019776	yes
mRNA	CA10g13710	Pepper1.55ch10:201157494-201159901	TC	TD	OK	15.4554	53.1354	1.78156	3.26386	5.00E-05	0.0007276	yes
mRNA	CA10g13740	Pepper1.55ch10:201304338-201306783	TC	TD	OK	22.5208	11.2807	-0.9974	-2.0129	0.0055	0.0273839	yes
mRNA	CA10g13750	Pepper1.55ch10:201310804-201311443	TC	TD	OK	14.79	6.43591	-1.20041	-2.2482	0.01015	0.0426074	yes
mRNA	CA10g13810	Pepper1.55ch10:201387566-201390195	TC	TD	OK	132.085	67.8304	-0.96146	-2.395	0.00395	0.0215352	yes
mRNA	CA10g13840	Pepper1.55ch10:201480362-201482499	TC	TD	OK	38.9864	16.5402	-1.23699	-2.6284	0.00055	0.0048567	yes
mRNA	CA10g13880	Pepper1.55ch10:201503444-201507016	TC	TD	OK	4.81889	1.83464	-1.39321	-2.0959	0.00985	0.0417898	yes
mRNA	CA10g13910	Pepper1.55ch10:201668943-201678403	TC	TD	OK	7.90401	2.00056	-1.98218	-3.0367	0.0002	0.0022357	yes
mRNA	CA10g13920	Pepper1.55ch10:201678427-201680103	TC	TD	OK	17.1506	6.05734	-1.50151	-2.9482	0.0016	0.0109355	yes
mRNA	CA10g14030	Pepper1.55ch10:202638367-202641770	TC	TD	OK	7.15334	1.46563	-2.2871	-3.2935	0.0001	0.0012767	yes
mRNA	CA10g14050	Pepper1.55ch10:202752379-202753228	TC	TD	OK	0.77547	10.0246	3.69233	2.99374	0.00455	0.0238831	yes
mRNA	CA10g14130	Pepper1.55ch10:203322894-203324436	TC	TD	OK	71.4841	23.6931	-1.59315	-3.2025	5.00E-05	0.0007276	yes
mRNA	CA10g14260	Pepper1.55ch10:203996795-203999504	TC	TD	OK	51.1181	103.183	1.01329	2.15189	0.0026	0.0156946	yes
mRNA	CA10g14270	Pepper1.55ch10:204079876-204082197	TC	TD	OK	264.901	614.486	1.21392	2.72077	0.00155	0.0107004	yes
mRNA	CA10g14280	Pepper1.55ch10:204238802-204257326	TC	TD	OK	19.5819	4.96932	-1.9784	-3.551	5.00E-05	0.0007276	yes
mRNA	CA10g14290	Pepper1.55ch10:204497415-204501741	TC	TD	OK	9.43449	3.99317	-1.24041	-2.2965	0.0018	0.0119506	yes
mRNA	CA10g14350	Pepper1.55ch10:204802017-204805252	TC	TD	OK	21.3638	9.64972	-1.14661	-2.3249	0.0027	0.0160796	yes
mRNA	CA10g14400	Pepper1.55ch10:205326390-205327809	TC	TD	OK	16.7408	33.3802	0.99563	1.89727	0.00455	0.0238831	yes
mRNA	CA10g14440	Pepper1.55ch10:205725863-205726834	TC	TD	OK	6.18268	2.26392	-1.44941	-2.0211	0.0105	0.0436276	yes
mRNA	CA10g14510	Pepper1.55ch10:205878359-205878821	TC	TD	OK	69.4557	27.8664	-1.31757	-3.5403	0.0011	0.0082588	yes
mRNA	CA10g14520	Pepper1.55ch10:205878988-205880427	TC	TD	OK	47.6162	22.5951	-1.07544	-2.2776	0.00355	0.019776	yes
mRNA	CA10g14640	Pepper1.55ch10:207526377-207527745	TC	TD	OK	9.15348	3.78622	-1.27356	-2.2979	0.00265	0.0158947	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA10g14650	Pepper1.55ch10:207846209-207846563	TC	TD	OK	73.5725	13.9765	-2.39617	-7.2943	5.00E-05	0.0007276	yes
mRNA	CA10g14710	Pepper1.55ch10:208441181-208441844	TC	TD	OK	48.194	92.4	0.93904	2.19279	0.00665	0.0314889	yes
mRNA	CA10g14960	Pepper1.55ch10:211218634-211222807	TC	TD	OK	6.47341	42.3638	2.71023	5.57786	5.00E-05	0.0007276	yes
mRNA	CA10g15120	Pepper1.55ch10:214396924-214398229	TC	TD	OK	60.7177	26.4271	-1.2001	-2.4743	0.0005	0.0045156	yes
mRNA	CA10g15210	Pepper1.55ch10:214720695-214722840	TC	TD	OK	1872.36	704.188	-1.41083	-2.3565	0.00585	0.0286352	yes
mRNA	CA10g15380	Pepper1.55ch10:215250532-215252679	TC	TD	OK	18.6916	6.72497	-1.47479	-2.8962	0.001	0.0076526	yes
mRNA	CA10g15500	Pepper1.55ch10:215907497-215908670	TC	TD	OK	247.355	42.6762	-2.53508	-4.9512	5.00E-05	0.0007276	yes
mRNA	CA10g15540	Pepper1.55ch10:216001189-216002899	TC	TD	OK	11.0779	4.97774	-1.15413	-1.9765	0.00605	0.0294518	yes
mRNA	CA10g15650	Pepper1.55ch10:216705850-216706588	TC	TD	OK	7.81274	58.6082	2.9072	6.55266	0.0002	0.0022357	yes
mRNA	CA10g15690	Pepper1.55ch10:217198090-217205573	TC	TD	OK	157.63	55.9519	-1.49428	-3.8156	0.0001	0.0012767	yes
mRNA	CA10g15720	Pepper1.55ch10:217242771-217245851	TC	TD	OK	54.2871	26.3622	-1.04214	-2.3754	0.0037	0.0204605	yes
mRNA	CA10g15740	Pepper1.55ch10:217409444-217411899	TC	TD	OK	10.0419	27.4321	1.44984	2.8039	0.0001	0.0012767	yes
mRNA	CA10g16010	Pepper1.55ch10:218226313-218227376	TC	TD	OK	442.174	148.397	-1.57515	-4.2347	5.00E-05	0.0007276	yes
mRNA	CA10g16020	Pepper1.55ch10:218228319-218233322	TC	TD	OK	6.98924	15.9443	1.18984	2.01961	0.00725	0.0336025	yes
mRNA	CA10g16050	Pepper1.55ch10:218380225-218381140	TC	TD	OK	57.463	22.5733	-1.34802	-3.1204	0.00025	0.0026513	yes
mRNA	CA10g16060	Pepper1.55ch10:218416884-218423070	TC	TD	OK	295.98	130.782	-1.17833	-2.6301	0.00065	0.005483	yes
mRNA	CA10g16120	Pepper1.55ch10:218777919-218781261	TC	TD	OK	10.288	2.43984	-2.0761	-3.4078	0.0002	0.0022357	yes
mRNA	CA10g16170	Pepper1.55ch10:218912709-218915483	TC	TD	OK	83.9889	19.0799	-2.13815	-4.5232	5.00E-05	0.0007276	yes
mRNA	CA10g16200	Pepper1.55ch10:219125453-219127110	TC	TD	OK	50.2947	9.91811	-2.34227	-4.5239	5.00E-05	0.0007276	yes
mRNA	CA10g16500	Pepper1.55ch10:220103303-220104863	TC	TD	OK	0.78911	3.471	2.13706	2.24782	0.00825	0.0369329	yes
mRNA	CA10g16570	Pepper1.55ch10:220380286-220381996	TC	TD	OK	60.7749	13.6814	-2.15126	-4.498	5.00E-05	0.0007276	yes
mRNA	CA10g16590	Pepper1.55ch10:220464211-220465702	TC	TD	OK	15.478	36.34	1.23134	1.97803	0.00485	0.024997	yes
mRNA	CA10g16720	Pepper1.55ch10:221151070-221152964	TC	TD	OK	4.08638	1.14443	-1.8362	-2.3725	0.00245	0.015048	yes
mRNA	CA10g16780	Pepper1.55ch10:221268626-221270958	TC	TD	OK	3.1872	0.77934	-2.03197	-2.2719	0.00785	0.0356391	yes
mRNA	CA10g16820	Pepper1.55ch10:221315277-221320751	TC	TD	OK	21.9087	8.05937	-1.44276	-2.5618	0.0001	0.0012767	yes
mRNA	CA10g16990	Pepper1.55ch10:221758991-221764299	TC	TD	OK	93.5596	22.1972	-2.07551	-4.9116	5.00E-05	0.0007276	yes
mRNA	CA10g17040	Pepper1.55ch10:222022990-222023674	TC	TD	OK	311.082	696.469	1.16276	2.164	0.0104	0.0433434	yes
mRNA	CA10g17060	Pepper1.55ch10:222083708-222084392	TC	TD	OK	332.565	1149.37	1.78913	3.33746	5.00E-05	0.0007276	yes
mRNA	CA10g17070	Pepper1.55ch10:222108127-222108451	TC	TD	OK	399.443	957.759	1.26167	5.06061	0.00075	0.0061114	yes
mRNA	CA10g17110	Pepper1.55ch10:222158597-222163582	TC	TD	OK	42.2673	17.0113	-1.31305	-2.543	0.0002	0.0022357	yes
mRNA	CA10g17120	Pepper1.55ch10:222210271-222213439	TC	TD	OK	13.8067	5.39333	-1.35612	-2.5489	0.0005	0.0045156	yes

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mRNA	CA10g17300	Pepper1.55ch10:222951885-222952578	TC	TD	OK	23.1875	53.0608	1.1943	2.51527	0.0009	0.0070813	yes
mRNA	CA10g17430	Pepper1.55ch10:223174070-223183614	TC	TD	OK	9.33463	2.80775	-1.73318	-2.7851	0.0009	0.0070813	yes
mRNA	CA10g17540	Pepper1.55ch10:223576108-223578538	TC	TD	OK	1.90093	4.35465	1.19585	1.83671	0.00755	0.0346208	yes
mRNA	CA10g17560	Pepper1.55ch10:223624778-223625613	TC	TD	OK	1.81274	8.77276	2.27486	2.7228	0.003	0.0173859	yes
mRNA	CA10g17570	Pepper1.55ch10:223636114-223638507	TC	TD	OK	26.4993	7.3636	-1.84747	-3.8739	5.00E-05	0.0007276	yes
mRNA	CA10g17610	Pepper1.55ch10:223692082-223695601	TC	TD	OK	22.1885	9.54988	-1.21626	-2.9525	0.0106	0.0439342	yes
mRNA	CA10g17680	Pepper1.55ch10:224051616-224052057	TC	TD	OK	117.677	234.292	0.99347	3.16766	0.0049	0.0252289	yes
mRNA	CA10g17820	Pepper1.55ch10:224502327-224503848	TC	TD	OK	27.8035	8.4741	-1.71413	-4.8747	0.0038	0.0209139	yes
mRNA	CA10g17900	Pepper1.55ch10:224692718-224693864	TC	TD	OK	19.1099	2.44032	-2.96918	-4.3858	5.00E-05	0.0007276	yes
mRNA	CA10g17920	Pepper1.55ch10:224738094-224742531	TC	TD	OK	83.4063	44.5517	-0.90467	-1.8368	0.0074	0.0340987	yes
mRNA	CA10g17950	Pepper1.55ch10:224808684-224815622	TC	TD	OK	2.17798	5.03548	1.20914	1.90155	0.00545	0.0272608	yes
mRNA	CA10g18020	Pepper1.55ch10:224956139-224974950	TC	TD	OK	4.41836	11.0617	1.324	2.11486	0.00285	0.0166768	yes
mRNA	CA10g18070	Pepper1.55ch10:225070391-225076308	TC	TD	OK	5.65209	0.93351	-2.59804	-2.8695	0.00355	0.019776	yes
mRNA	CA10g18310	Pepper1.55ch10:226047515-226050512	TC	TD	OK	369.045	193.096	-0.93448	-1.9622	0.0082	0.0367964	yes
mRNA	CA10g18380	Pepper1.55ch10:226646799-226647855	TC	TD	OK	17.2662	36.9992	1.09955	2.12606	0.00395	0.0215352	yes
mRNA	CA10g18390	Pepper1.55ch10:226656132-226657722	TC	TD	OK	2.91344	0.78481	-1.89231	-2.3285	0.00335	0.0189202	yes
mRNA	CA10g18540	Pepper1.55ch10:227048783-227051045	TC	TD	OK	1332.17	508.3	-1.39002	-3.8796	0.0003	0.0030405	yes
mRNA	CA10g18670	Pepper1.55ch10:227249189-227249770	TC	TD	OK	112.402	250.186	1.15434	2.84145	0.00255	0.0155107	yes
mRNA	CA10g18700	Pepper1.55ch10:227299661-227304154	TC	TD	OK	20.6355	8.37491	-1.30098	-2.6287	0.0005	0.0045156	yes
mRNA	CA10g18800	Pepper1.55ch10:227412064-227414493	TC	TD	OK	17.6693	1.49821	-3.55993	-5.4888	5.00E-05	0.0007276	yes
mRNA	CA10g18950	Pepper1.55ch10:227982524-227983085	TC	TD	OK	8.54509	2.33507	-1.87163	-2.8579	0.0117	0.0472983	yes
mRNA	CA10g19000	Pepper1.55ch10:228039501-228044859	TC	TD	OK	29.5376	83.4214	1.49787	2.71151	5.00E-05	0.0007276	yes
mRNA	CA10g19060	Pepper1.55ch10:228163761-228165821	TC	TD	OK	3.31581	0.68745	-2.27004	-2.3832	0.0044	0.0232494	yes
mRNA	CA10g19080	Pepper1.55ch10:228205909-228208531	TC	TD	OK	1.16212	7.12274	2.61567	3.26434	0.0096	0.0410174	yes
mRNA	CA10g19090	Pepper1.55ch10:228225714-228230850	TC	TD	OK	173.893	391.519	1.17088	2.66711	0.001	0.0076526	yes
mRNA	CA10g19130	Pepper1.55ch10:228276833-228277868	TC	TD	OK	105.051	329.44	1.64893	2.24831	0.00215	0.0136155	yes
mRNA	CA10g19290	Pepper1.55ch10:228595788-228597503	TC	TD	OK	556.909	271.09	-1.03867	-1.9274	0.0069	0.032368	yes
mRNA	CA10g19340	Pepper1.55ch10:228652216-228652630	TC	TD	OK	29.2741	102.497	1.80789	4.91263	5.00E-05	0.0007276	yes
mRNA	CA10g19380	Pepper1.55ch10:228711306-228719312	TC	TD	OK	16.255	36.6252	1.17195	2.36985	0.00115	0.0085407	yes
mRNA	CA10g19440	Pepper1.55ch10:228788691-228789060	TC	TD	OK	841.61	1899.46	1.17436	4.09682	0.0021	0.0134057	yes
mRNA	CA10g19590	Pepper1.55ch10:228970649-228973903	TC	TD	OK	21.5069	4.79488	-2.16524	-3.9393	5.00E-05	0.0007276	yes

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mRNA	CA10g19610	Pepper1.55ch10:228979274-228984078	TC	TD	OK	20.3073	3.50846	-2.53309	-4.4682	5.00E-05	0.0007276	yes
mRNA	CA10g19660	Pepper1.55ch10:229162861-229165192	TC	TD	OK	15.1381	31.2741	1.04678	2.02106	0.0018	0.0119506	yes
mRNA	CA10g19740	Pepper1.55ch10:229224088-229225879	TC	TD	OK	3.03282	1.20692	-1.32933	-1.8456	0.00715	0.0332821	yes
mRNA	CA10g19800	Pepper1.55ch10:229375895-229387439	TC	TD	OK	3.93092	1.21476	-1.69419	-2.7563	5.00E-05	0.0007276	yes
mRNA	CA10g19990	Pepper1.55ch10:229807913-229810040	TC	TD	OK	52.2022	19.6597	-1.40887	-3.5626	0.0002	0.0022357	yes
mRNA	CA10g20010	Pepper1.55ch10:229831107-229832198	TC	TD	OK	41.8342	19.4186	-1.10724	-2.5596	0.0032	0.0182162	yes
mRNA	CA10g20160	Pepper1.55ch10:229962699-229965454	TC	TD	OK	53.1801	26.2258	-1.0199	-2.2252	0.00225	0.0140483	yes
mRNA	CA10g20220	Pepper1.55ch10:230128775-230133895	TC	TD	OK	3.98731	13.9315	1.80487	3.04812	5.00E-05	0.0007276	yes
mRNA	CA10g20230	Pepper1.55ch10:230139102-230140599	TC	TD	OK	44.3698	13.2052	-1.74847	-3.5478	5.00E-05	0.0007276	yes
mRNA	CA10g20300	Pepper1.55ch10:230193906-230199181	TC	TD	OK	18.4337	5.40015	-1.77128	-3.6324	0.0002	0.0022357	yes
mRNA	CA10g20310	Pepper1.55ch10:230200209-230203425	TC	TD	OK	7.86023	2.62498	-1.58227	-2.3943	0.0002	0.0022357	yes
mRNA	CA10g20440	Pepper1.55ch10:230379953-230381726	TC	TD	OK	5.1993	27.5317	2.4047	4.51953	5.00E-05	0.0007276	yes
mRNA	CA10g20510	Pepper1.55ch10:230462740-230466591	TC	TD	OK	153.048	77.995	-0.97254	-1.7512	0.0072	0.0334427	yes
mRNA	CA10g20680	Pepper1.55ch10:230815987-230820272	TC	TD	OK	38.0995	18.3373	-1.05499	-2.154	0.00365	0.0202508	yes
mRNA	CA10g20860	Pepper1.55ch10:231124735-231127057	TC	TD	OK	5.01106	1.65888	-1.59491	-2.2739	0.00045	0.0041816	yes
mRNA	CA10g20880	Pepper1.55ch10:231145649-231149542	TC	TD	OK	14.4317	4.81449	-1.58379	-2.8055	0.00075	0.0061114	yes
mRNA	CA10g20910	Pepper1.55ch10:231252433-231256177	TC	TD	OK	27.493	10.4519	-1.3953	-2.6947	0.00035	0.0034365	yes
mRNA	CA10g20920	Pepper1.55ch10:231257116-231260231	TC	TD	OK	44.9557	9.06518	-2.3101	-4.4412	5.00E-05	0.0007276	yes
mRNA	CA10g21270	Pepper1.55ch10:231658233-231663297	TC	TD	OK	595.207	240.779	-1.30568	-2.0856	0.00225	0.0140483	yes
mRNA	CA10g21300	Pepper1.55ch10:231707523-231710255	TC	TD	OK	7.7608	1.51835	-2.3537	-3.3136	0.0003	0.0030405	yes
mRNA	CA10g21430	Pepper1.55ch10:231879357-231879558	TC	TD	OK	216.172	27.2521	-2.98774	-17.588	0.0014	0.009905	yes
mRNA	CA10g21540	Pepper1.55ch10:231976219-231980573	TC	TD	OK	40.9007	7.23579	-2.49891	-4.4381	5.00E-05	0.0007276	yes
mRNA	CA10g21580	Pepper1.55ch10:232021225-232022881	TC	TD	OK	75.058	17.4738	-2.10281	-5.8585	5.00E-05	0.0007276	yes
mRNA	CA10g21590	Pepper1.55ch10:232055636-232057793	TC	TD	OK	63.091	30.6746	-1.04039	-2.1297	0.00205	0.0131645	yes
mRNA	CA10g21620	Pepper1.55ch10:232090158-232090470	TC	TD	OK	13.2143	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA10g21790	Pepper1.55ch10:232204201-232207023	TC	TD	OK	12.2869	3.29127	-1.9004	-3.2095	0.00025	0.0026513	yes
mRNA	CA10g21800	Pepper1.55ch10:232221854-232224278	TC	TD	OK	13.9885	5.17034	-1.43591	-2.633	0.00135	0.0096189	yes
mRNA	CA10g21820	Pepper1.55ch10:232242587-232248432	TC	TD	OK	58.7639	26.8791	-1.12844	-2.1311	0.00165	0.011156	yes
mRNA	CA10g21830	Pepper1.55ch10:232254177-232256090	TC	TD	OK	10.4752	2.23951	-2.22572	-3.3843	0.00715	0.0332821	yes
mRNA	CA10g21840	Pepper1.55ch10:232256155-232257333	TC	TD	OK	14.6774	0.86397	-4.08647	-4.209	0.00275	0.016281	yes
mRNA	CA10g21950	Pepper1.55ch10:232419344-232421549	TC	TD	OK	13.2731	5.55162	-1.25753	-2.49	0.0019	0.0124233	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA10g22120	Pepper1.55ch10:232822690-232827096	TC	TD	OK	257.556	121.383	-1.08532	-1.9097	0.00435	0.0230579	yes
mRNA	CA10g22190	Pepper1.55ch10:232978011-232980807	TC	TD	OK	8.71394	3.61349	-1.26993	-2.1793	0.0031	0.0178014	yes
mRNA	CA10g22300	Pepper1.55ch10:233173303-233177929	TC	TD	OK	33.8118	9.11595	-1.89106	-3.3128	5.00E-05	0.0007276	yes
mRNA	CA10g22350	Pepper1.55ch10:233225361-233232269	TC	TD	OK	150.034	72.532	-1.0486	-2.3823	0.0025	0.0152991	yes
mRNA	CA10g22400	Pepper1.55ch10:233276929-233283403	TC	TD	OK	17.3372	31.9461	0.88177	1.75771	0.00845	0.0375387	yes
mRNA	CA10g22410	Pepper1.55ch10:233286678-233292232	TC	TD	OK	26.6079	9.49287	-1.48694	-2.8914	0.00015	0.0017852	yes
mRNA	CA10g22440	Pepper1.55ch10:233305121-233318860	TC	TD	OK	13.1139	24.3869	0.89502	1.60615	0.0066	0.0313308	yes
mRNA	CA11g00050	Pepper1.55ch11:157350-158346	TC	TD	OK	103.881	316.101	1.60545	3.23787	5.00E-05	0.0007276	yes
mRNA	CA11g00080	Pepper1.55ch11:203126-206072	TC	TD	OK	15.8759	5.26366	-1.5927	-3.1604	0.0014	0.009905	yes
mRNA	CA11g00130	Pepper1.55ch11:242207-247527	TC	TD	OK	4.59983	1.38124	-1.73562	-2.4801	0.00405	0.0219063	yes
mRNA	CA11g00210	Pepper1.55ch11:342919-350345	TC	TD	OK	17.4109	43.06	1.30636	2.55086	5.00E-05	0.0007276	yes
mRNA	CA11g00410	Pepper1.55ch11:880062-883279	TC	TD	OK	4.39008	1.45028	-1.59792	-2.2648	0.00965	0.0411031	yes
mRNA	CA11g00420	Pepper1.55ch11:887277-890815	TC	TD	OK	41.1988	22.184	-0.89308	-1.8164	0.0103	0.0431291	yes
mRNA	CA11g00440	Pepper1.55ch11:910430-913081	TC	TD	OK	25.8847	119.872	2.21132	3.89621	5.00E-05	0.0007276	yes
mRNA	CA11g00470	Pepper1.55ch11:944822-947044	TC	TD	OK	5.37246	1.73458	-1.63099	-2.4807	0.0005	0.0045156	yes
mRNA	CA11g00500	Pepper1.55ch11:976886-977174	TC	TD	OK	223.2	29.2373	-2.93246	-13.42	5.00E-05	0.0007276	yes
mRNA	CA11g00530	Pepper1.55ch11:1047630-1052428	TC	TD	OK	6.77042	18.1305	1.4211	2.68951	0.00035	0.0034365	yes
mRNA	CA11g00540	Pepper1.55ch11:1054632-1060012	TC	TD	OK	23.1612	70.5354	1.60664	3.25982	5.00E-05	0.0007276	yes
mRNA	CA11g00740	Pepper1.55ch11:1259067-1263623	TC	TD	OK	1.98443	8.46067	2.09204	3.32863	0.00025	0.0026513	yes
mRNA	CA11g00760	Pepper1.55ch11:1280166-1283170	TC	TD	OK	14.0842	6.2873	-1.16356	-2.1774	0.0084	0.0374047	yes
mRNA	CA11g00790	Pepper1.55ch11:1332638-1333280	TC	TD	OK	33.058	11.3145	-1.54683	-3.0006	0.0005	0.0045156	yes
mRNA	CA11g00870	Pepper1.55ch11:1573686-1575023	TC	TD	OK	9.92475	101.693	3.35705	9.42699	5.00E-05	0.0007276	yes
mRNA	CA11g00890	Pepper1.55ch11:1593632-1596529	TC	TD	OK	63.9389	598.693	3.22705	10.0526	5.00E-05	0.0007276	yes
mRNA	CA11g00960	Pepper1.55ch11:1725639-1727298	TC	TD	OK	51.1278	22.6193	-1.17655	-3.2243	0.0027	0.0160796	yes
mRNA	CA11g01020	Pepper1.55ch11:1797201-1797564	TC	TD	OK	162.423	58.0205	-1.48512	-4.342	0.00275	0.016281	yes
mRNA	CA11g01040	Pepper1.55ch11:1832658-1832910	TC	TD	OK	42.4149	104.068	1.29488	6.26285	0.01045	0.0435037	yes
mRNA	CA11g01290	Pepper1.55ch11:3078395-3085648	TC	TD	OK	4.25204	11.8896	1.48347	2.43875	5.00E-05	0.0007276	yes
mRNA	CA11g01300	Pepper1.55ch11:3101542-3103567	TC	TD	OK	18.5265	46.2238	1.31905	2.51523	0.0001	0.0012767	yes
mRNA	CA11g01370	Pepper1.55ch11:3217639-3218455	TC	TD	OK	3.67774	18.9904	2.36838	4.59466	0.0001	0.0012767	yes
mRNA	CA11g01380	Pepper1.55ch11:3229200-3231191	TC	TD	OK	28.5958	173.565	2.6016	7.41971	5.00E-05	0.0007276	yes
mRNA	CA11g01560	Pepper1.55ch11:3738641-3739784	TC	TD	OK	2.02134	6.35051	1.65156	2.18695	0.00115	0.0085407	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA11g01630	Pepper1.55ch11:3862022-3862775	TC	TD	OK	18.8421	3.64823	-2.36869	-4.3537	0.00055	0.0048567	yes
mRNA	CA11g01800	Pepper1.55ch11:4051891-4052056	TC	TD	OK	33.137	467.664	3.81896	30.0666	0.0001	0.0012767	yes
mRNA	CA11g01890	Pepper1.55ch11:4604890-4611001	TC	TD	OK	27.945	53.9216	0.94827	1.64917	0.0077	0.035106	yes
mRNA	CA11g02060	Pepper1.55ch11:5180503-5188600	TC	TD	OK	18.1338	9.41641	-0.94543	-1.85	0.00615	0.0297658	yes
mRNA	CA11g02090	Pepper1.55ch11:5388494-5390546	TC	TD	OK	6.32025	12.4696	0.98037	1.74582	0.0119	0.0479015	yes
mRNA	CA11g02130	Pepper1.55ch11:5500646-5502360	TC	TD	OK	15.882	38.7105	1.28533	2.66551	0.0003	0.0030405	yes
mRNA	CA11g02170	Pepper1.55ch11:5576660-5576919	TC	TD	OK	2559.51	530.247	-2.27113	-42.26	5.00E-05	0.0007276	yes
mRNA	CA11g02180	Pepper1.55ch11:5577116-5578199	TC	TD	OK	706.781	117.971	-2.58284	-5.2424	5.00E-05	0.0007276	yes
mRNA	CA11g02270	Pepper1.55ch11:6127145-6130718	TC	TD	OK	1.45894	5.79971	1.99106	2.6008	0.004	0.0216981	yes
mRNA	CA11g02300	Pepper1.55ch11:6156425-6157220	TC	TD	OK	29.7683	12.3935	-1.2642	-2.7506	0.00095	0.0073823	yes
mRNA	CA11g02330	Pepper1.55ch11:6191612-6193073	TC	TD	OK	335.108	176.879	-0.92186	-1.698	0.011	0.0451581	yes
mRNA	CA11g02380	Pepper1.55ch11:6236213-6236810	TC	TD	OK	70.6122	130.802	0.8894	2.13582	0.01055	0.0437751	yes
mRNA	CA11g02390	Pepper1.55ch11:6354442-6357093	TC	TD	OK	21.5701	43.7341	1.01973	2.1774	0.00315	0.0180131	yes
mRNA	CA11g02650	Pepper1.55ch11:8436131-8437240	TC	TD	OK	2.58093	9.82016	1.92786	2.7364	0.00515	0.0261679	yes
mRNA	CA11g02660	Pepper1.55ch11:8437901-8440830	TC	TD	OK	7.31407	2.45772	-1.57335	-2.5946	0.00085	0.0067798	yes
mRNA	CA11g02770	Pepper1.55ch11:8869514-8871386	TC	TD	OK	4.55242	1.49841	-1.6032	-2.1911	0.0069	0.032368	yes
mRNA	CA11g02840	Pepper1.55ch11:9116821-9118744	TC	TD	OK	135.978	276.041	1.02151	1.73842	0.0079	0.0358122	yes
mRNA	CA11g02990	Pepper1.55ch11:10179547-10185579	TC	TD	OK	4.38674	1.53288	-1.51691	-2.0561	0.0048	0.0248838	yes
mRNA	CA11g03100	Pepper1.55ch11:10387446-10389549	TC	TD	OK	20.0216	8.26501	-1.27647	-2.6073	0.0024	0.0148011	yes
mRNA	CA11g03190	Pepper1.55ch11:10713536-10716440	TC	TD	OK	7.29147	16.3717	1.16692	2.23464	0.00295	0.0171555	yes
mRNA	CA11g03340	Pepper1.55ch11:11349206-11349664	TC	TD	OK	46.8369	17.7186	-1.40238	-4.7209	0.00385	0.0211351	yes
mRNA	CA11g03370	Pepper1.55ch11:11360429-11362735	TC	TD	OK	73.5538	410.895	2.4819	5.44374	5.00E-05	0.0007276	yes
mRNA	CA11g03440	Pepper1.55ch11:11550323-11553524	TC	TD	OK	3.96779	8.37897	1.07844	1.72711	0.00705	0.0329284	yes
mRNA	CA11g03510	Pepper1.55ch11:12308978-12309284	TC	TD	OK	8.96934	28.9966	1.69281	4.51793	0.00725	0.0336025	yes
mRNA	CA11g03550	Pepper1.55ch11:12653747-12660246	TC	TD	OK	15.8698	5.21106	-1.60663	-2.8036	5.00E-05	0.0007276	yes
mRNA	CA11g03590	Pepper1.55ch11:12773455-12774256	TC	TD	OK	21.9154	52.3306	1.25571	2.92702	0.0009	0.0070813	yes
mRNA	CA11g03610	Pepper1.55ch11:12916286-12920989	TC	TD	OK	14.762	32.1506	1.12296	2.281	0.00205	0.0131645	yes
mRNA	CA11g03620	Pepper1.55ch11:12924537-12927546	TC	TD	OK	32.9783	61.9429	0.90942	2.17147	0.00965	0.0411031	yes
mRNA	CA11g03780	Pepper1.55ch11:13436581-13437826	TC	TD	OK	5.15471	1.8808	-1.45455	-2.2093	0.0047	0.0244747	yes
mRNA	CA11g04080	Pepper1.55ch11:14910374-14912963	TC	TD	OK	7.31687	19.7588	1.4332	2.79987	5.00E-05	0.0007276	yes
mRNA	CA11g04100	Pepper1.55ch11:14915174-14915396	TC	TD	OK	142.286	778.984	2.4528	18.1678	5.00E-05	0.0007276	yes

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mRNA	CA11g04110	Pepper1.55ch11:14916307-14920179	TC	TD	OK	8.7365	4.21683	-1.0509	-1.8713	0.0097	0.0412694	yes
mRNA	CA11g04230	Pepper1.55ch11:16562776-16563462	TC	TD	OK	87.4126	168.846	0.9498	2.63622	0.0057	0.0281107	yes
mRNA	CA11g04320	Pepper1.55ch11:17070580-17072140	TC	TD	OK	4.65305	9.2615	0.99307	1.74952	0.0099	0.0418842	yes
mRNA	CA11g04780	Pepper1.55ch11:21337944-21342311	TC	TD	OK	284.912	612.332	1.1038	2.48267	0.00325	0.0184521	yes
mRNA	CA11g04810	Pepper1.55ch11:21797542-21799168	TC	TD	OK	58.9706	154.328	1.38793	2.50525	5.00E-05	0.0007276	yes
mRNA	CA11g05050	Pepper1.55ch11:23596416-23597742	TC	TD	OK	30.4522	105.111	1.78729	3.23479	5.00E-05	0.0007276	yes
mRNA	CA11g05140	Pepper1.55ch11:24409906-24412726	TC	TD	OK	38.8692	75.4641	0.95716	2.32511	0.00505	0.025825	yes
mRNA	CA11g05320	Pepper1.55ch11:27316926-27317445	TC	TD	OK	17.4291	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA11g05380	Pepper1.55ch11:27671443-27673453	TC	TD	OK	17.5301	4.94636	-1.8254	-3.8703	0.00205	0.0131645	yes
mRNA	CA11g05400	Pepper1.55ch11:27717307-27719687	TC	TD	OK	8.51384	3.38931	-1.32882	-2.1896	0.0027	0.0160796	yes
mRNA	CA11g05420	Pepper1.55ch11:27756174-27762138	TC	TD	OK	10.406	31.7362	1.60871	2.87258	5.00E-05	0.0007276	yes
mRNA	CA11g05440	Pepper1.55ch11:27905100-27908213	TC	TD	OK	29.2255	185.917	2.66936	5.49928	5.00E-05	0.0007276	yes
mRNA	CA11g05450	Pepper1.55ch11:27912270-27917087	TC	TD	OK	24.7425	45.7216	0.88588	1.81524	0.00815	0.0366701	yes
mRNA	CA11g05510	Pepper1.55ch11:28480225-28482539	TC	TD	OK	20.7824	38.5045	0.88966	1.74882	0.0108	0.0445795	yes
mRNA	CA11g05610	Pepper1.55ch11:29774383-29775980	TC	TD	OK	3.63557	0.57891	-2.65077	-1.7746	0.00925	0.0399062	yes
mRNA	CA11g05650	Pepper1.55ch11:29908005-29908461	TC	TD	OK	38.1491	106.727	1.48421	4.22003	0.00015	0.0017852	yes
mRNA	CA11g05730	Pepper1.55ch11:30406618-30409138	TC	TD	OK	4.6886	1.12037	-2.06519	-2.7683	0.0013	0.0093599	yes
mRNA	CA11g05810	Pepper1.55ch11:31217613-31218996	TC	TD	OK	294.479	149.705	-0.97605	-3.5119	0.00465	0.0242646	yes
mRNA	CA11g05930	Pepper1.55ch11:33831543-33842121	TC	TD	OK	90.8114	181.64	1.00014	1.80082	0.0086	0.0379814	yes
mRNA	CA11g06000	Pepper1.55ch11:34416629-34417616	TC	TD	OK	22.9581	6.72478	-1.77144	-3.4977	0.00015	0.0017852	yes
mRNA	CA11g06020	Pepper1.55ch11:34758142-34760528	TC	TD	OK	126.738	19.5827	-2.6942	-6.1559	5.00E-05	0.0007276	yes
mRNA	CA11g06060	Pepper1.55ch11:34906763-34907702	TC	TD	OK	48.0279	23.5948	-1.0254	-2.2558	0.00525	0.0265153	yes
mRNA	CA11g06410	Pepper1.55ch11:37822325-37823489	TC	TD	OK	18.9112	7.21619	-1.38993	-2.4466	0.0005	0.0045156	yes
mRNA	CA11g06430	Pepper1.55ch11:38006526-38008302	TC	TD	OK	21.4674	39.2029	0.86882	1.70953	0.0107	0.0442636	yes
mRNA	CA11g06440	Pepper1.55ch11:38015550-38016960	TC	TD	OK	11.3054	29.7779	1.39723	2.84273	0.0001	0.0012767	yes
mRNA	CA11g06480	Pepper1.55ch11:39214321-39216127	TC	TD	OK	20.4654	38.5173	0.91232	1.77748	0.0081	0.0365323	yes
mRNA	CA11g06560	Pepper1.55ch11:39959894-39962766	TC	TD	OK	25.1028	9.75067	-1.36427	-2.8162	0.0007	0.0057915	yes
mRNA	CA11g06680	Pepper1.55ch11:42491827-42494264	TC	TD	OK	7.41243	19.1732	1.37107	2.42785	0.0002	0.0022357	yes
mRNA	CA11g06780	Pepper1.55ch11:44961319-44961529	TC	TD	OK	1545.53	734.122	-1.07401	-11.13	0.00385	0.0211351	yes
mRNA	CA11g07210	Pepper1.55ch11:48102705-48104390	TC	TD	OK	19.0388	4.21956	-2.17378	-4.1857	5.00E-05	0.0007276	yes
mRNA	CA11g07250	Pepper1.55ch11:49031557-49035015	TC	TD	OK	3.8716	0.77676	-2.3174	-3.112	0.00065	0.005483	yes

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mRNA	CA11g07380	Pepper1.55ch11:50455165-50458616	TC	TD	OK	4.68679	1.26958	-1.88425	-2.483	0.00155	0.0107004	yes
mRNA	CA11g07490	Pepper1.55ch11:51768381-51770477	TC	TD	OK	17.3702	6.27363	-1.46924	-3.2628	0.0027	0.0160796	yes
mRNA	CA11g07540	Pepper1.55ch11:52337028-52339032	TC	TD	OK	98.2447	41.8307	-1.23182	-3.3147	0.00015	0.0017852	yes
mRNA	CA11g07560	Pepper1.55ch11:52594599-52605449	TC	TD	OK	14.0447	1.76179	-2.99491	-4.6321	5.00E-05	0.0007276	yes
mRNA	CA11g07680	Pepper1.55ch11:53521271-53525156	TC	TD	OK	173.828	75.4648	-1.20378	-2.6058	0.0007	0.0057915	yes
mRNA	CA11g07710	Pepper1.55ch11:54009124-54014425	TC	TD	OK	8.67546	31.6831	1.8687	3.5494	5.00E-05	0.0007276	yes
mRNA	CA11g07980	Pepper1.55ch11:58879243-58883051	TC	TD	OK	23.6101	10.7892	-1.12981	-2.111	0.0029	0.0169299	yes
mRNA	CA11g08060	Pepper1.55ch11:59980596-59986243	TC	TD	OK	11.764	5.08882	-1.20898	-2.1428	0.0014	0.009905	yes
mRNA	CA11g08330	Pepper1.55ch11:66068826-66074559	TC	TD	OK	4.96823	10.8954	1.13291	1.98482	0.0016	0.0109355	yes
mRNA	CA11g08340	Pepper1.55ch11:66084509-66093798	TC	TD	OK	2.07727	5.52151	1.41037	2.15712	0.0005	0.0045156	yes
mRNA	CA11g08750	Pepper1.55ch11:73363181-73368009	TC	TD	OK	12.3817	4.42368	-1.48489	-2.5316	0.0004	0.0038157	yes
mRNA	CA11g08950	Pepper1.55ch11:77408211-77410570	TC	TD	OK	3.89579	14.9413	1.93932	3.25238	5.00E-05	0.0007276	yes
mRNA	CA11g08990	Pepper1.55ch11:78694035-78695525	TC	TD	OK	12.5582	0.84416	-3.89496	-4.7562	5.00E-05	0.0007276	yes
mRNA	CA11g09060	Pepper1.55ch11:80795971-80797228	TC	TD	OK	32.6207	62.6043	0.94048	1.97451	0.0051	0.0260014	yes
mRNA	CA11g09080	Pepper1.55ch11:81818605-81821622	TC	TD	OK	11.3727	30.9262	1.44325	2.65991	5.00E-05	0.0007276	yes
mRNA	CA11g09140	Pepper1.55ch11:83224789-83226717	TC	TD	OK	20.7815	9.43099	-1.13982	-2.1877	0.0087	0.0382775	yes
mRNA	CA11g09300	Pepper1.55ch11:86716107-86717634	TC	TD	OK	10.7602	2.97034	-1.857	-2.9526	0.0001	0.0012767	yes
mRNA	CA11g09480	Pepper1.55ch11:92391441-92398005	TC	TD	OK	6.56049	14.5432	1.14847	1.97552	0.00125	0.0090735	yes
mRNA	CA11g09710	Pepper1.55ch11:97617074-97618172	TC	TD	OK	11.6405	33.8275	1.53904	2.97083	5.00E-05	0.0007276	yes
mRNA	CA11g09720	Pepper1.55ch11:97901200-97903381	TC	TD	OK	1237.15	586.096	-1.07781	-1.8774	0.0091	0.0394168	yes
mRNA	CA11g09760	Pepper1.55ch11:101040814-101047426	TC	TD	OK	54.0287	112.833	1.06239	2.58313	0.0013	0.0093599	yes
mRNA	CA11g09810	Pepper1.55ch11:105011393-105014643	TC	TD	OK	5.06001	2.12814	-1.24955	-2.0176	0.00965	0.0411031	yes
mRNA	CA11g09920	Pepper1.55ch11:108541554-108541785	TC	TD	OK	15.0966	0	#NAME?	nan	0.00135	0.0096189	yes
mRNA	CA11g09950	Pepper1.55ch11:110436036-110437875	TC	TD	OK	9.41589	1.15867	-3.02263	-4.2744	5.00E-05	0.0007276	yes
mRNA	CA11g10030	Pepper1.55ch11:114351354-114353386	TC	TD	OK	11.6441	5.29211	-1.13769	-2.1869	0.0062	0.0299405	yes
mRNA	CA11g10310	Pepper1.55ch11:124924074-124924605	TC	TD	OK	8.59883	2.44438	-1.81467	-2.738	0.01125	0.045922	yes
mRNA	CA11g10330	Pepper1.55ch11:124940046-124940798	TC	TD	OK	19.8508	6.46524	-1.61842	-3.4639	0.00105	0.0079626	yes
mRNA	CA11g10380	Pepper1.55ch11:128418660-128427458	TC	TD	OK	6.16904	12.8163	1.05486	1.85247	0.00205	0.0131645	yes
mRNA	CA11g10540	Pepper1.55ch11:133369829-133371261	TC	TD	OK	93.2707	25.2797	-1.88345	-4.922	5.00E-05	0.0007276	yes
mRNA	CA11g11000	Pepper1.55ch11:163325503-163330162	TC	TD	OK	12.9034	25.5514	0.98565	1.87773	0.0075	0.0344543	yes
mRNA	CA11g11040	Pepper1.55ch11:164228435-164231423	TC	TD	OK	14.8278	6.80051	-1.12459	-2.06	0.0097	0.0412694	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA11g11220	Pepper1.55ch11:167195313-167197039	TC	TD	OK	11.6488	28.0798	1.26935	2.6438	0.0015	0.010446	yes
mRNA	CA11g11230	Pepper1.55ch11:168044764-168045475	TC	TD	OK	12.4803	28.5886	1.19579	2.3399	0.00265	0.0158947	yes
mRNA	CA11g11280	Pepper1.55ch11:170131680-170134755	TC	TD	OK	0.46342	3.4145	2.88128	2.75925	0.0039	0.0213552	yes
mRNA	CA11g11300	Pepper1.55ch11:170229499-170237204	TC	TD	OK	8.63403	2.75932	-1.64572	-2.7331	5.00E-05	0.0007276	yes
mRNA	CA11g11340	Pepper1.55ch11:172386938-172388285	TC	TD	OK	16.7998	39.107	1.21899	2.35534	0.00035	0.0034365	yes
mRNA	CA11g11400	Pepper1.55ch11:176094874-176098834	TC	TD	OK	21.1829	42.5693	1.00691	1.98992	0.0026	0.0156946	yes
mRNA	CA11g11430	Pepper1.55ch11:176520397-176524922	TC	TD	OK	8.82681	41.2915	2.22588	4.36004	5.00E-05	0.0007276	yes
mRNA	CA11g11640	Pepper1.55ch11:183171068-183171518	TC	TD	OK	453.861	154.344	-1.55611	-4.9972	5.00E-05	0.0007276	yes
mRNA	CA11g11700	Pepper1.55ch11:185057782-185059729	TC	TD	OK	6.21254	17.2951	1.47711	2.4794	0.0002	0.0022357	yes
mRNA	CA11g11710	Pepper1.55ch11:185620138-185622678	TC	TD	OK	5.19118	1.14628	-2.1791	-2.8038	0.00135	0.0096189	yes
mRNA	CA11g11940	Pepper1.55ch11:188240709-188241078	TC	TD	OK	7.19374	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA11g12340	Pepper1.55ch11:202861283-202861805	TC	TD	OK	7.99262	20.7689	1.37768	2.98102	0.00385	0.0211351	yes
mRNA	CA11g12390	Pepper1.55ch11:203437216-203438562	TC	TD	OK	6.22438	1.4007	-2.15178	-2.8011	0.00325	0.0184521	yes
mRNA	CA11g12530	Pepper1.55ch11:204617985-204618288	TC	TD	OK	0	10.611	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA11g12610	Pepper1.55ch11:208123603-208123903	TC	TD	OK	587.784	1879.66	1.67712	7.72553	5.00E-05	0.0007276	yes
mRNA	CA11g12630	Pepper1.55ch11:208637458-208639296	TC	TD	OK	98.4434	192.993	0.97118	2.205	0.0043	0.0228571	yes
mRNA	CA11g12710	Pepper1.55ch11:211487524-211488930	TC	TD	OK	17.8246	77.6757	2.12359	5.56491	5.00E-05	0.0007276	yes
mRNA	CA11g12850	Pepper1.55ch11:212811405-212816807	TC	TD	OK	40.2295	73.3471	0.86649	1.7985	0.00875	0.0383967	yes
mRNA	CA11g12910	Pepper1.55ch11:213363226-213374486	TC	TD	OK	17.5325	32.1462	0.87462	1.76175	0.0121	0.0485512	yes
mRNA	CA11g13090	Pepper1.55ch11:216544488-216549398	TC	TD	OK	21.2863	6.16502	-1.78774	-3.4413	5.00E-05	0.0007276	yes
mRNA	CA11g13190	Pepper1.55ch11:217604181-217604868	TC	TD	OK	871.026	190.738	-2.19112	-6.253	5.00E-05	0.0007276	yes
mRNA	CA11g13200	Pepper1.55ch11:217698914-217699841	TC	TD	OK	652.906	196.589	-1.73169	-4.9961	5.00E-05	0.0007276	yes
mRNA	CA11g13500	Pepper1.55ch11:220957142-220957832	TC	TD	OK	5.25586	1.44353	-1.86433	-2.0958	0.01175	0.0474242	yes
mRNA	CA11g13540	Pepper1.55ch11:221278352-221278868	TC	TD	OK	11.0138	78.1716	2.82733	5.95472	5.00E-05	0.0007276	yes
mRNA	CA11g13550	Pepper1.55ch11:221359023-221359542	TC	TD	OK	16.9326	306.209	4.17664	9.35297	5.00E-05	0.0007276	yes
mRNA	CA11g13580	Pepper1.55ch11:222381441-222382828	TC	TD	OK	62.1377	132.142	1.08855	2.75388	0.0016	0.0109355	yes
mRNA	CA11g13620	Pepper1.55ch11:223133188-223133701	TC	TD	OK	59.1551	207.417	1.80996	4.20372	5.00E-05	0.0007276	yes
mRNA	CA11g13700	Pepper1.55ch11:224722530-224723004	TC	TD	OK	29.4587	3.58793	-3.03747	-5.1947	0.00015	0.0017852	yes
mRNA	CA11g13780	Pepper1.55ch11:226205780-226206701	TC	TD	OK	28.4126	11.8588	-1.26057	-2.4813	0.00345	0.0193474	yes
mRNA	CA11g13900	Pepper1.55ch11:227630389-227634599	TC	TD	OK	30.1255	84.9966	1.49642	2.93845	5.00E-05	0.0007276	yes
mRNA	CA11g14120	Pepper1.55ch11:229524048-229526695	TC	TD	OK	3.87112	1.45713	-1.40962	-2.1185	0.0047	0.0244747	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA11g14420	Pepper1.55ch11:234549045-234549694	TC	TD	OK	16.463	3.11185	-2.40339	-4.2223	0.00795	0.0359417	yes
mRNA	CA11g14470	Pepper1.55ch11:234777107-234784741	TC	TD	OK	11.6404	70.4156	2.59676	4.95616	5.00E-05	0.0007276	yes
mRNA	CA11g14480	Pepper1.55ch11:234822585-234830461	TC	TD	OK	600.551	297.816	-1.01186	-2.7653	0.00285	0.0166768	yes
mRNA	CA11g14500	Pepper1.55ch11:235328653-235335682	TC	TD	OK	15.3785	42.2433	1.45781	3.0025	5.00E-05	0.0007276	yes
mRNA	CA11g14520	Pepper1.55ch11:235373995-235378399	TC	TD	OK	5.96271	1.98559	-1.5864	-2.2722	0.00395	0.0215352	yes
mRNA	CA11g14810	Pepper1.55ch11:238231872-238235321	TC	TD	OK	44.6055	6.43805	-2.79253	-5.4981	5.00E-05	0.0007276	yes
mRNA	CA11g14970	Pepper1.55ch11:240135651-240136810	TC	TD	OK	12.1266	2.7253	-2.15369	-3.4392	0.00375	0.0206688	yes
mRNA	CA11g15170	Pepper1.55ch11:242593551-242594840	TC	TD	OK	1.81843	4.65523	1.35616	1.76656	0.00895	0.0389796	yes
mRNA	CA11g15360	Pepper1.55ch11:244232506-244238159	TC	TD	OK	9.85945	3.49787	-1.49503	-2.6148	0.0004	0.0038157	yes
mRNA	CA11g15500	Pepper1.55ch11:245076538-245080106	TC	TD	OK	26.9835	5.82166	-2.21257	-4.0903	5.00E-05	0.0007276	yes
mRNA	CA11g15580	Pepper1.55ch11:245447710-245449165	TC	TD	OK	23.3501	75.6888	1.69665	3.29888	5.00E-05	0.0007276	yes
mRNA	CA11g15610	Pepper1.55ch11:245519016-245521924	TC	TD	OK	3.37066	1.36627	-1.30279	-1.9054	0.0042	0.0224124	yes
mRNA	CA11g15640	Pepper1.55ch11:245627413-245627755	TC	TD	OK	37.0284	117.107	1.66113	5.64902	0.0001	0.0012767	yes
mRNA	CA11g15710	Pepper1.55ch11:245971894-245972878	TC	TD	OK	25.5095	50.4671	0.98431	2.05896	0.0053	0.0266964	yes
mRNA	CA11g15750	Pepper1.55ch11:246187442-246188015	TC	TD	OK	134.95	370.569	1.45732	3.1244	5.00E-05	0.0007276	yes
mRNA	CA11g15770	Pepper1.55ch11:246271486-246277465	TC	TD	OK	18.2986	9.40102	-0.96084	-1.8374	0.00925	0.0399062	yes
mRNA	CA11g15800	Pepper1.55ch11:246441093-246443635	TC	TD	OK	943.118	322.813	-1.54674	-2.1863	0.0014	0.009905	yes
mRNA	CA11g15900	Pepper1.55ch11:246617266-246617485	TC	TD	OK	17.7867	118.876	2.74058	12.7418	0.0006	0.0051829	yes
mRNA	CA11g15920	Pepper1.55ch11:246621982-246626568	TC	TD	OK	16.3102	43.2546	1.40708	2.68174	5.00E-05	0.0007276	yes
mRNA	CA11g16030	Pepper1.55ch11:247273086-247276068	TC	TD	OK	23.6455	6.6004	-1.84094	-3.6208	5.00E-05	0.0007276	yes
mRNA	CA11g16420	Pepper1.55ch11:248432849-248433200	TC	TD	OK	21.2584	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA11g16460	Pepper1.55ch11:248455811-248456219	TC	TD	OK	4.85314	20.8848	2.10546	4.23039	0.00395	0.0215352	yes
mRNA	CA11g16550	Pepper1.55ch11:248872896-248873961	TC	TD	OK	43.2758	93.707	1.1146	2.11564	0.0015	0.010446	yes
mRNA	CA11g16880	Pepper1.55ch11:249906016-249913094	TC	TD	OK	9.48344	4.38054	-1.1143	-1.9148	0.0045	0.0236701	yes
mRNA	CA11g16920	Pepper1.55ch11:249960818-249963121	TC	TD	OK	18.8825	5.85929	-1.68825	-3.4734	0.0019	0.0124233	yes
mRNA	CA11g17240	Pepper1.55ch11:250792782-250799035	TC	TD	OK	1.20667	8.38672	2.79707	3.778	0.0002	0.0022357	yes
mRNA	CA11g17440	Pepper1.55ch11:251931553-251936157	TC	TD	OK	3.49121	9.57795	1.45599	2.48384	0.0007	0.0057915	yes
mRNA	CA11g17520	Pepper1.55ch11:252099736-252106360	TC	TD	OK	0.87195	4.98236	2.51451	3.30156	0.0001	0.0012767	yes
mRNA	CA11g17530	Pepper1.55ch11:252106436-252108782	TC	TD	OK	3.26403	13.5656	2.05522	3.47073	5.00E-05	0.0007276	yes
mRNA	CA11g17580	Pepper1.55ch11:252206515-252207844	TC	TD	OK	7.77357	15.4847	0.99419	1.94875	0.0079	0.0358122	yes
mRNA	CA11g17600	Pepper1.55ch11:252404232-252406102	TC	TD	OK	42.1352	6.1971	-2.76536	-6.6921	0.00015	0.0017852	yes

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mRNA	CA11g17690	Pepper1.55ch11:252626916-252632609	TC	TD	OK	8.67035	3.84044	-1.17482	-1.913	0.0032	0.0182162	yes
mRNA	CA11g17820	Pepper1.55ch11:252861398-252868677	TC	TD	OK	1.90928	6.89003	1.85148	2.72631	0.0031	0.0178014	yes
mRNA	CA11g17840	Pepper1.55ch11:252879366-252880791	TC	TD	OK	77.1392	43.0965	-0.83989	-1.7283	0.01235	0.0493706	yes
mRNA	CA11g17960	Pepper1.55ch11:253300894-253305127	TC	TD	OK	8.52627	3.30776	-1.36606	-2.0602	0.00315	0.0180131	yes
mRNA	CA11g18090	Pepper1.55ch11:253497991-253500566	TC	TD	OK	275.993	73.2	-1.91472	-4.5755	5.00E-05	0.0007276	yes
mRNA	CA11g18150	Pepper1.55ch11:253572904-253574889	TC	TD	OK	21.1557	59.2201	1.48504	2.97182	5.00E-05	0.0007276	yes
mRNA	CA11g18170	Pepper1.55ch11:253608360-253613116	TC	TD	OK	5.67256	2.5851	-1.13378	-1.9226	0.01205	0.0484021	yes
mRNA	CA11g18210	Pepper1.55ch11:253727394-253731244	TC	TD	OK	9.53083	1.7431	-2.45095	-3.5755	0.0004	0.0038157	yes
mRNA	CA11g18320	Pepper1.55ch11:254110561-254112594	TC	TD	OK	43.9248	19.1485	-1.19781	-4.2127	0.0111	0.0454943	yes
mRNA	CA11g18340	Pepper1.55ch11:254138964-254141646	TC	TD	OK	9.4785	20.1886	1.09081	2.20846	0.004	0.0216981	yes
mRNA	CA11g18350	Pepper1.55ch11:254142714-254145283	TC	TD	OK	4.8663	14.6497	1.58997	3.01397	0.0034	0.0191524	yes
mRNA	CA11g18360	Pepper1.55ch11:254148189-254148621	TC	TD	OK	6.34642	20.7929	1.71208	3.84535	0.00225	0.0140483	yes
mRNA	CA11g18420	Pepper1.55ch11:254211912-254218344	TC	TD	OK	4.3299	1.94153	-1.15714	-1.7189	0.0088	0.0385265	yes
mRNA	CA11g18500	Pepper1.55ch11:254578474-254581131	TC	TD	OK	10.7125	32.1217	1.58425	3.12557	5.00E-05	0.0007276	yes
mRNA	CA11g18780	Pepper1.55ch11:255403852-255404476	TC	TD	OK	13.9607	6.20217	-1.17053	-2.2277	0.00925	0.0399062	yes
mRNA	CA11g18860	Pepper1.55ch11:255528571-255529021	TC	TD	OK	59.814	14.46	-2.04842	-5.3221	0.0002	0.0022357	yes
mRNA	CA11g18900	Pepper1.55ch11:255610663-255622152	TC	TD	OK	9.73032	21.9067	1.17081	2.17559	0.00155	0.0107004	yes
mRNA	CA11g18920	Pepper1.55ch11:255651801-255655416	TC	TD	OK	11.6403	32.1805	1.46706	2.89972	5.00E-05	0.0007276	yes
mRNA	CA11g18990	Pepper1.55ch11:255799017-255799173	TC	TD	OK	282.889	75.6716	-1.90241	-22.985	0.00605	0.0294518	yes
mRNA	CA11g19010	Pepper1.55ch11:255898301-255898724	TC	TD	OK	16.648	4.79165	-1.79675	-3.6904	0.0088	0.0385265	yes
mRNA	CA11g19030	Pepper1.55ch11:255904342-255910166	TC	TD	OK	43.255	17.9062	-1.27241	-2.4248	0.00015	0.0017852	yes
mRNA	CA11g19070	Pepper1.55ch11:255948406-255953841	TC	TD	OK	7.49263	16.4152	1.13149	2.12394	0.00235	0.0145463	yes
mRNA	CA11g19130	Pepper1.55ch11:256015332-256021097	TC	TD	OK	6.31446	1.63645	-1.94809	-2.6814	0.00615	0.0297658	yes
mRNA	CA11g19180	Pepper1.55ch11:256066212-256069864	TC	TD	OK	7.97217	20.0305	1.32915	2.41063	0.00035	0.0034365	yes
mRNA	CA11g19220	Pepper1.55ch11:256224879-256232793	TC	TD	OK	2.94051	1.18215	-1.31465	-1.7849	0.0078	0.0354654	yes
mRNA	CA11g19230	Pepper1.55ch11:256234634-256244222	TC	TD	OK	71.7711	195.055	1.44241	2.92389	5.00E-05	0.0007276	yes
mRNA	CA11g19650	Pepper1.55ch11:257204583-257206537	TC	TD	OK	1.24512	4.29878	1.78764	2.22463	0.00305	0.0176148	yes
mRNA	CA11g19700	Pepper1.55ch11:257364975-257366511	TC	TD	OK	3.54065	0.73257	-2.27298	-2.3905	0.0026	0.0156946	yes
mRNA	CA11g20040	Pepper1.55ch11:257761611-257766645	TC	TD	OK	106.3	204.421	0.9434	1.79087	0.00675	0.0318127	yes
mRNA	CA11g20140	Pepper1.55ch11:257933424-257937665	TC	TD	OK	21.4507	8.07138	-1.41013	-2.8462	0.0007	0.0057915	yes
mRNA	CA11g20310	Pepper1.55ch11:258224969-258229044	TC	TD	OK	3.3078	0.95518	-1.79203	-2.278	0.00415	0.0222637	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA12g00020	Pepper1.55ch12:17025-28463	TC	TD	OK	16.9459	6.03461	-1.4896	-2.7856	0.00025	0.0026513	yes
mRNA	CA12g00040	Pepper1.55ch12:35798-36980	TC	TD	OK	7.98775	25.08	1.65068	3.56104	5.00E-05	0.0007276	yes
mRNA	CA12g00060	Pepper1.55ch12:48847-52457	TC	TD	OK	9.30411	3.72216	-1.32173	-2.1859	0.0026	0.0156946	yes
mRNA	CA12g00070	Pepper1.55ch12:53567-56449	TC	TD	OK	5.97781	2.02181	-1.56397	-2.4051	0.0016	0.0109355	yes
mRNA	CA12g00080	Pepper1.55ch12:58922-60546	TC	TD	OK	0.76438	4.43651	2.53707	2.05173	0.0124	0.0495049	yes
mRNA	CA12g00120	Pepper1.55ch12:101065-101368	TC	TD	OK	51.9788	11.0213	-2.23763	-6.9922	0.00065	0.005483	yes
mRNA	CA12g00150	Pepper1.55ch12:125213-125996	TC	TD	OK	232.326	533.925	1.20049	2.0063	0.0104	0.0433434	yes
mRNA	CA12g00350	Pepper1.55ch12:348500-352977	TC	TD	OK	11.6628	28.2926	1.27851	2.63895	0.0015	0.010446	yes
mRNA	CA12g00390	Pepper1.55ch12:375591-377607	TC	TD	OK	13.5956	57.5057	2.08056	5.37226	5.00E-05	0.0007276	yes
mRNA	CA12g00400	Pepper1.55ch12:380073-384130	TC	TD	OK	7.16617	34.123	2.25147	4.03751	5.00E-05	0.0007276	yes
mRNA	CA12g00420	Pepper1.55ch12:402865-408253	TC	TD	OK	184.528	1198.92	2.69983	6.0478	5.00E-05	0.0007276	yes
mRNA	CA12g00670	Pepper1.55ch12:2010354-2010654	TC	TD	OK	100.554	44.5232	-1.17534	-4.7578	0.0108	0.0445795	yes
mRNA	CA12g00700	Pepper1.55ch12:2029176-2030775	TC	TD	OK	28.7111	56.4136	0.97444	1.61658	0.01175	0.0474242	yes
mRNA	CA12g00740	Pepper1.55ch12:2059744-2060561	TC	TD	OK	55.3738	103.779	0.90624	2.22239	0.00685	0.0321935	yes
mRNA	CA12g00880	Pepper1.55ch12:2286223-2290071	TC	TD	OK	13.7521	25.8851	0.91248	1.87801	0.0112	0.0458047	yes
mRNA	CA12g00890	Pepper1.55ch12:2302309-2305026	TC	TD	OK	10.5908	40.0704	1.91972	3.2073	0.0001	0.0012767	yes
mRNA	CA12g00990	Pepper1.55ch12:2385797-2386274	TC	TD	OK	40.8202	148.44	1.86252	5.08416	5.00E-05	0.0007276	yes
mRNA	CA12g01000	Pepper1.55ch12:2392666-2401658	TC	TD	OK	78.3712	40.3476	-0.95784	-2.3979	0.0055	0.0273839	yes
mRNA	CA12g01010	Pepper1.55ch12:2411533-2413500	TC	TD	OK	436.925	207.706	-1.07284	-5.7818	0.00185	0.0121861	yes
mRNA	CA12g01030	Pepper1.55ch12:2429694-2431704	TC	TD	OK	476.244	203.919	-1.2237	-2.6062	0.00065	0.005483	yes
mRNA	CA12g01060	Pepper1.55ch12:2569303-2571755	TC	TD	OK	25.7358	5.03707	-2.35312	-4.5057	0.0001	0.0012767	yes
mRNA	CA12g01210	Pepper1.55ch12:2685679-2689001	TC	TD	OK	31.0469	16.2508	-0.93394	-1.9897	0.01155	0.0468803	yes
mRNA	CA12g01230	Pepper1.55ch12:2706209-2709432	TC	TD	OK	2.67674	7.72414	1.5289	2.47416	0.00185	0.0121861	yes
mRNA	CA12g01260	Pepper1.55ch12:2774713-2778958	TC	TD	OK	47.3935	163.842	1.78954	3.38328	5.00E-05	0.0007276	yes
mRNA	CA12g01290	Pepper1.55ch12:3077514-3087518	TC	TD	OK	224.678	83.1543	-1.434	-2.8747	5.00E-05	0.0007276	yes
mRNA	CA12g01330	Pepper1.55ch12:3113378-3120319	TC	TD	OK	10.9351	76.2976	2.80267	5.05659	5.00E-05	0.0007276	yes
mRNA	CA12g01440	Pepper1.55ch12:3228128-3229649	TC	TD	OK	14.8205	32.4954	1.13264	2.27916	0.0013	0.0093599	yes
mRNA	CA12g01460	Pepper1.55ch12:3275559-3277417	TC	TD	OK	102.804	819.885	2.99553	10.1767	5.00E-05	0.0007276	yes
mRNA	CA12g01470	Pepper1.55ch12:3293451-3294078	TC	TD	OK	2.32669	7.62771	1.71297	2.44177	0.012	0.0482269	yes
mRNA	CA12g01480	Pepper1.55ch12:3294144-3295344	TC	TD	OK	1.0472	3.72589	1.83104	2.16369	0.0093	0.0400875	yes
mRNA	CA12g01530	Pepper1.55ch12:3549978-3551213	TC	TD	OK	20.293	61.6535	1.6032	3.77693	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA12g02250	Pepper1.55ch12:4798719-4806469	TC	TD	OK	3.46545	1.21085	-1.51702	-2.4189	0.0005	0.0045156	yes
mRNA	CA12g02270	Pepper1.55ch12:4857481-4858720	TC	TD	OK	3.58457	1.17111	-1.61392	-2.2477	0.01	0.0421536	yes
mRNA	CA12g02470	Pepper1.55ch12:5304915-5307960	TC	TD	OK	30.7444	12.8974	-1.25325	-2.4261	0.00015	0.0017852	yes
mRNA	CA12g02490	Pepper1.55ch12:5354077-5354632	TC	TD	OK	11.4382	44.7541	1.96816	4.85684	5.00E-05	0.0007276	yes
mRNA	CA12g02540	Pepper1.55ch12:5474773-5480091	TC	TD	OK	1.26492	4.49965	1.83077	2.29499	0.0066	0.0313308	yes
mRNA	CA12g02810	Pepper1.55ch12:6060715-6066964	TC	TD	OK	0.66686	2.98668	2.1631	2.65724	0.00175	0.0116752	yes
mRNA	CA12g02900	Pepper1.55ch12:6240495-6241125	TC	TD	OK	3.90069	18.5803	2.25197	4.12512	0.00015	0.0017852	yes
mRNA	CA12g02930	Pepper1.55ch12:6340751-6342329	TC	TD	OK	8.24513	40.6683	2.30229	4.38298	5.00E-05	0.0007276	yes
mRNA	CA12g02940	Pepper1.55ch12:6423778-6424678	TC	TD	OK	44.0546	112.764	1.35595	3.90847	0.00035	0.0034365	yes
mRNA	CA12g02980	Pepper1.55ch12:6500335-6505289	TC	TD	OK	132.342	404.405	1.61153	2.87151	5.00E-05	0.0007276	yes
mRNA	CA12g02990	Pepper1.55ch12:6526769-6528035	TC	TD	OK	21.633	9.67216	-1.16132	-2.3933	0.00205	0.0131645	yes
mRNA	CA12g03120	Pepper1.55ch12:6993323-6996655	TC	TD	OK	3.93105	1.38256	-1.50757	-2.2035	0.00895	0.0389796	yes
mRNA	CA12g03150	Pepper1.55ch12:7041079-7044459	TC	TD	OK	16.8273	4.91314	-1.77608	-3.4431	0.00035	0.0034365	yes
mRNA	CA12g03250	Pepper1.55ch12:7439330-7439603	TC	TD	OK	57.0025	128.972	1.17796	6.21577	0.00505	0.025825	yes
mRNA	CA12g03320	Pepper1.55ch12:7619708-7620341	TC	TD	OK	36.8912	16.538	-1.1575	-2.7587	0.0024	0.0148011	yes
mRNA	CA12g03460	Pepper1.55ch12:7907139-7907976	TC	TD	OK	144.306	270.503	0.90652	1.871	0.00865	0.038113	yes
mRNA	CA12g03520	Pepper1.55ch12:8006320-8009052	TC	TD	OK	17.8785	8.46742	-1.07824	-2.0524	0.00835	0.037259	yes
mRNA	CA12g03820	Pepper1.55ch12:8916335-8916575	TC	TD	OK	63.9676	22.1415	-1.53059	-7.5104	0.0107	0.0442636	yes
mRNA	CA12g03830	Pepper1.55ch12:8926387-8932246	TC	TD	OK	16.6019	55.8033	1.749	3.52064	5.00E-05	0.0007276	yes
mRNA	CA12g03840	Pepper1.55ch12:8942038-8947966	TC	TD	OK	109.934	47.2634	-1.21784	-2.8952	0.0003	0.0030405	yes
mRNA	CA12g03850	Pepper1.55ch12:8960228-8967287	TC	TD	OK	162.096	76.4576	-1.08411	-2.0782	0.00235	0.0145463	yes
mRNA	CA12g03910	Pepper1.55ch12:9227139-9227627	TC	TD	OK	0	13.0229	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA12g04090	Pepper1.55ch12:10087774-10096988	TC	TD	OK	8.8315	20.672	1.22695	2.23097	0.0004	0.0038157	yes
mRNA	CA12g04120	Pepper1.55ch12:10145894-10150049	TC	TD	OK	4.97291	66.6105	3.74359	6.26272	5.00E-05	0.0007276	yes
mRNA	CA12g04130	Pepper1.55ch12:10153822-10155313	TC	TD	OK	3.33954	40.2498	3.59126	6.48605	5.00E-05	0.0007276	yes
mRNA	CA12g04190	Pepper1.55ch12:10520789-10521359	TC	TD	OK	50.9566	9.84076	-2.37243	-4.8318	5.00E-05	0.0007276	yes
mRNA	CA12g04210	Pepper1.55ch12:10751661-10752252	TC	TD	OK	250.767	571.879	1.18937	2.88434	0.0007	0.0057915	yes
mRNA	CA12g04220	Pepper1.55ch12:10752934-10753438	TC	TD	OK	142.724	359.956	1.3346	3.74927	0.0001	0.0012767	yes
mRNA	CA12g04310	Pepper1.55ch12:11055335-11055773	TC	TD	OK	19.2857	88.6104	2.19995	6.07746	5.00E-05	0.0007276	yes
mRNA	CA12g04330	Pepper1.55ch12:11068294-11076550	TC	TD	OK	44.5445	111.003	1.31727	2.54919	0.00015	0.0017852	yes
mRNA	CA12g04380	Pepper1.55ch12:11358361-11377036	TC	TD	OK	11.0724	33.5531	1.59948	3.26499	5.00E-05	0.0007276	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA12g04590	Pepper1.55ch12:12298350-12301884	TC	TD	OK	235.396	656.647	1.48003	3.81155	5.00E-05	0.0007276	yes
mRNA	CA12g04640	Pepper1.55ch12:12694796-12702395	TC	TD	OK	43.1745	18.7086	-1.20648	-2.4471	0.0005	0.0045156	yes
mRNA	CA12g04700	Pepper1.55ch12:12818633-12827847	TC	TD	OK	5.45044	14.6743	1.42884	2.59012	0.00015	0.0017852	yes
mRNA	CA12g04710	Pepper1.55ch12:12829056-12841032	TC	TD	OK	2.35318	6.93741	1.55978	2.59545	0.00045	0.0041816	yes
mRNA	CA12g04790	Pepper1.55ch12:13530462-13532298	TC	TD	OK	46.7298	14.5238	-1.68593	-2.8603	0.0001	0.0012767	yes
mRNA	CA12g04940	Pepper1.55ch12:13955203-13956451	TC	TD	OK	21.9348	6.45805	-1.76405	-3.5286	0.00585	0.0286352	yes
mRNA	CA12g04980	Pepper1.55ch12:14144690-14152488	TC	TD	OK	54.4553	123.222	1.17811	2.47397	0.0007	0.0057915	yes
mRNA	CA12g05030	Pepper1.55ch12:14245584-14257836	TC	TD	OK	5.68126	16.1071	1.50342	2.55936	0.0001	0.0012767	yes
mRNA	CA12g05180	Pepper1.55ch12:15604332-15604994	TC	TD	OK	0	5.97619	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA12g05220	Pepper1.55ch12:16159713-16162571	TC	TD	OK	109.783	301.8	1.45894	2.58625	0.00025	0.0026513	yes
mRNA	CA12g05330	Pepper1.55ch12:16717363-16722336	TC	TD	OK	17.6489	8.98486	-0.97401	-1.8361	0.01135	0.0461928	yes
mRNA	CA12g05340	Pepper1.55ch12:16760364-16760775	TC	TD	OK	360.889	86.175	-2.06622	-6.376	5.00E-05	0.0007276	yes
mRNA	CA12g05350	Pepper1.55ch12:16787077-16787521	TC	TD	OK	1848.4	897.767	-1.04186	-2.8072	0.0061	0.0296378	yes
mRNA	CA12g05390	Pepper1.55ch12:16860141-16863222	TC	TD	OK	76.1623	139.265	0.87068	2.02881	0.0088	0.0385265	yes
mRNA	CA12g05400	Pepper1.55ch12:16924523-16924844	TC	TD	OK	21.9879	59.898	1.4458	5.30033	0.0025	0.0152991	yes
mRNA	CA12g05430	Pepper1.55ch12:16966361-16978442	TC	TD	OK	30.6963	15.8522	-0.95338	-1.9337	0.00655	0.031231	yes
mRNA	CA12g05660	Pepper1.55ch12:18175037-18181193	TC	TD	OK	6.05308	13.499	1.15712	2.08109	0.0015	0.010446	yes
mRNA	CA12g05750	Pepper1.55ch12:18451352-18453037	TC	TD	OK	20.7115	7.61786	-1.44297	-3.3476	0.00255	0.0155107	yes
mRNA	CA12g05760	Pepper1.55ch12:18475973-18479825	TC	TD	OK	3.27432	30.8961	3.23815	5.50349	5.00E-05	0.0007276	yes
mRNA	CA12g05770	Pepper1.55ch12:18482534-18485446	TC	TD	OK	106.496	332.549	1.64277	3.39133	5.00E-05	0.0007276	yes
mRNA	CA12g05900	Pepper1.55ch12:19132871-19133327	TC	TD	OK	14.1356	37.8065	1.4193	3.71187	0.0015	0.010446	yes
mRNA	CA12g06420	Pepper1.55ch12:22819982-22824948	TC	TD	OK	24.2757	117.767	2.27835	4.67741	5.00E-05	0.0007276	yes
mRNA	CA12g06580	Pepper1.55ch12:23248887-23249985	TC	TD	OK	27.6546	0.33069	-6.38589	-3.961	0.00265	0.0158947	yes
mRNA	CA12g06670	Pepper1.55ch12:23850416-23853428	TC	TD	OK	22.0263	7.63371	-1.52877	-2.8309	0.00055	0.0048567	yes
mRNA	CA12g06690	Pepper1.55ch12:23861236-23864075	TC	TD	OK	58.8302	29.4104	-1.00023	-2.5628	0.0058	0.0284366	yes
mRNA	CA12g06760	Pepper1.55ch12:24076008-24079129	TC	TD	OK	93.5792	233.877	1.32149	6.50223	0.00065	0.005483	yes
mRNA	CA12g06790	Pepper1.55ch12:24148768-24149334	TC	TD	OK	5.62752	14.1403	1.32924	2.55694	0.00875	0.0383967	yes
mRNA	CA12g06820	Pepper1.55ch12:24281042-24281423	TC	TD	OK	31.4037	70.3915	1.16447	3.84024	0.0043	0.0228571	yes
mRNA	CA12g06850	Pepper1.55ch12:24331877-24334040	TC	TD	OK	17.9232	5.26783	-1.76655	-3.5071	0.00135	0.0096189	yes
mRNA	CA12g07000	Pepper1.55ch12:29479696-29480877	TC	TD	OK	36.2758	104.011	1.51966	3.56031	0.0001	0.0012767	yes
mRNA	CA12g07010	Pepper1.55ch12:29530390-29534772	TC	TD	OK	31.3769	10.633	-1.56116	-3.3078	0.0002	0.0022357	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA12g07230	Pepper1.55ch12:32022923-32025367	TC	TD	OK	29.3829	69.2653	1.23716	2.70676	0.0005	0.0045156	yes
mRNA	CA12g07240	Pepper1.55ch12:32040153-32040774	TC	TD	OK	2.98239	37.4627	3.65091	6.09194	5.00E-05	0.0007276	yes
mRNA	CA12g07430	Pepper1.55ch12:33120601-33123298	TC	TD	OK	4.09175	0.91256	-2.16473	-2.8229	0.00175	0.0116752	yes
mRNA	CA12g07440	Pepper1.55ch12:33139693-33140664	TC	TD	OK	89.6306	42.9691	-1.06069	-4.2434	0.0094	0.0403457	yes
mRNA	CA12g07470	Pepper1.55ch12:33312108-33312615	TC	TD	OK	67.5935	167.02	1.30506	3.47377	0.00045	0.0041816	yes
mRNA	CA12g07590	Pepper1.55ch12:34933468-34937248	TC	TD	OK	166.103	91.4054	-0.86173	-1.9479	0.0118	0.0476006	yes
mRNA	CA12g07660	Pepper1.55ch12:35330988-35333794	TC	TD	OK	975.593	2686.32	1.46128	1.95793	0.005	0.0256475	yes
mRNA	CA12g07710	Pepper1.55ch12:35357344-35357818	TC	TD	OK	4.69655	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA12g07730	Pepper1.55ch12:35398391-35403311	TC	TD	OK	3.99421	0.5322	-2.90787	-1.9306	0.00655	0.031231	yes
mRNA	CA12g07810	Pepper1.55ch12:35854763-35856050	TC	TD	OK	19.4392	46.7312	1.26542	2.45161	0.0003	0.0030405	yes
mRNA	CA12g07860	Pepper1.55ch12:37056807-37064336	TC	TD	OK	97.8407	35.7147	-1.45392	-1.9432	0.0077	0.035106	yes
mRNA	CA12g07920	Pepper1.55ch12:37208572-37212429	TC	TD	OK	33.4814	77.5734	1.2122	2.36759	0.00025	0.0026513	yes
mRNA	CA12g08130	Pepper1.55ch12:38594208-38595546	TC	TD	OK	15.7647	35.7063	1.17948	2.1012	0.0032	0.0182162	yes
mRNA	CA12g08230	Pepper1.55ch12:39594277-39594925	TC	TD	OK	25.2868	6.99842	-1.85329	-3.9321	0.0001	0.0012767	yes
mRNA	CA12g08330	Pepper1.55ch12:40429941-40435165	TC	TD	OK	5.23518	96.2825	4.20096	7.16326	5.00E-05	0.0007276	yes
mRNA	CA12g08700	Pepper1.55ch12:47068029-47069298	TC	TD	OK	29.3003	85.9598	1.55275	2.98713	5.00E-05	0.0007276	yes
mRNA	CA12g08720	Pepper1.55ch12:47429212-47435819	TC	TD	OK	17.925	1.94369	-3.2051	-4.7036	5.00E-05	0.0007276	yes
mRNA	CA12g08900	Pepper1.55ch12:50606974-50607608	TC	TD	OK	29.4589	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA12g09090	Pepper1.55ch12:53730571-53731671	TC	TD	OK	6.10423	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA12g09100	Pepper1.55ch12:53817740-53820262	TC	TD	OK	116.969	61.1886	-0.93479	-2.8246	0.0073	0.033772	yes
mRNA	CA12g09210	Pepper1.55ch12:54513595-54519347	TC	TD	OK	25.8498	13.469	-0.94051	-1.9909	0.00915	0.0395993	yes
mRNA	CA12g09230	Pepper1.55ch12:55079360-55086989	TC	TD	OK	5.32069	14.9974	1.49502	2.85757	0.0004	0.0038157	yes
mRNA	CA12g09270	Pepper1.55ch12:55232016-55238398	TC	TD	OK	173.13	332.113	0.93982	2.26999	0.0058	0.0284366	yes
mRNA	CA12g09610	Pepper1.55ch12:61818191-61820223	TC	TD	OK	34.7091	79.6688	1.1987	2.42627	0.0006	0.0051829	yes
mRNA	CA12g09740	Pepper1.55ch12:65415158-65417838	TC	TD	OK	6.45609	2.27643	-1.50389	-2.3735	0.00425	0.0226232	yes
mRNA	CA12g10010	Pepper1.55ch12:71600964-71602107	TC	TD	OK	30.4925	88.1832	1.53205	3.08479	0.0002	0.0022357	yes
mRNA	CA12g10350	Pepper1.55ch12:82776553-82777033	TC	TD	OK	14.0738	2.72768	-2.36727	-3.7159	0.00375	0.0206688	yes
mRNA	CA12g10380	Pepper1.55ch12:84100073-84107992	TC	TD	OK	8.87049	17.577	0.9866	1.67535	0.0052	0.0263598	yes
mRNA	CA12g10520	Pepper1.55ch12:89468964-89478496	TC	TD	OK	2.69118	11.8268	2.13575	2.8585	0.0001	0.0012767	yes
mRNA	CA12g10610	Pepper1.55ch12:91680264-91681380	TC	TD	OK	18.4849	34.0046	0.87939	1.7416	0.0101	0.0424566	yes
mRNA	CA12g10620	Pepper1.55ch12:92102510-92106678	TC	TD	OK	281.369	111.927	-1.3299	-1.8644	0.00345	0.0193474	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA12g10900	Pepper1.55ch12:100958422-100959841	TC	TD	OK	6.20825	12.3804	0.9958	1.84928	0.00945	0.0405027	yes
mRNA	CA12g11100	Pepper1.55ch12:107572597-107584174	TC	TD	OK	7.25686	92.5937	3.6735	6.91338	5.00E-05	0.0007276	yes
mRNA	CA12g11150	Pepper1.55ch12:109948849-109949953	TC	TD	OK	9.19362	0.75062	-3.61448	-3.6982	0.0042	0.0224124	yes
mRNA	CA12g11180	Pepper1.55ch12:110555706-110556943	TC	TD	OK	193.929	79.688	-1.2831	-2.5563	0.00175	0.0116752	yes
mRNA	CA12g11280	Pepper1.55ch12:114167284-114168715	TC	TD	OK	27.8433	58.3133	1.0665	2.12163	0.00155	0.0107004	yes
mRNA	CA12g11400	Pepper1.55ch12:117497799-117499437	TC	TD	OK	3.13542	13.362	2.09141	3.10918	5.00E-05	0.0007276	yes
mRNA	CA12g11470	Pepper1.55ch12:120283523-120286222	TC	TD	OK	1.035	5.41077	2.3862	2.65041	0.0086	0.0379814	yes
mRNA	CA12g11500	Pepper1.55ch12:121522031-121524317	TC	TD	OK	0.87957	3.79841	2.11052	2.96447	0.0002	0.0022357	yes
mRNA	CA12g11770	Pepper1.55ch12:130491387-130493489	TC	TD	OK	41.0741	1.53306	-4.74374	-6.6024	5.00E-05	0.0007276	yes
mRNA	CA12g11840	Pepper1.55ch12:132293744-132293957	TC	TD	OK	0	19.1595	inf	nan	5.00E-05	0.0007276	yes
mRNA	CA12g12050	Pepper1.55ch12:138988186-138989128	TC	TD	OK	3.10087	8.46469	1.44878	2.65021	0.003	0.0173859	yes
mRNA	CA12g12190	Pepper1.55ch12:145515448-145518565	TC	TD	OK	20.7944	6.92247	-1.58683	-2.9595	0.0001	0.0012767	yes
mRNA	CA12g12210	Pepper1.55ch12:146028479-146031225	TC	TD	OK	22.9252	81.238	1.82522	3.25998	5.00E-05	0.0007276	yes
mRNA	CA12g12270	Pepper1.55ch12:147909445-147910015	TC	TD	OK	18.8023	6.1651	-1.60871	-3.0646	0.00225	0.0140483	yes
mRNA	CA12g12320	Pepper1.55ch12:148383341-148385771	TC	TD	OK	6.48329	15.2073	1.22997	2.44889	0.0086	0.0379814	yes
mRNA	CA12g12790	Pepper1.55ch12:161729577-161731228	TC	TD	OK	26.411	64.7326	1.29335	2.77458	0.0003	0.0030405	yes
mRNA	CA12g13050	Pepper1.55ch12:169652975-169655893	TC	TD	OK	5.35801	19.1467	1.83732	3.31581	5.00E-05	0.0007276	yes
mRNA	CA12g13480	Pepper1.55ch12:175582439-175586858	TC	TD	OK	156.737	310.381	0.98569	2.86798	0.00485	0.024997	yes
mRNA	CA12g13580	Pepper1.55ch12:176477497-176478031	TC	TD	OK	101.313	31.0261	-1.70726	-4.2574	5.00E-05	0.0007276	yes
mRNA	CA12g13590	Pepper1.55ch12:176478099-176478993	TC	TD	OK	41.3327	15.3631	-1.42782	-2.6882	0.0003	0.0030405	yes
mRNA	CA12g13700	Pepper1.55ch12:179314348-179315621	TC	TD	OK	42.8643	217.107	2.34056	5.77044	5.00E-05	0.0007276	yes
mRNA	CA12g13730	Pepper1.55ch12:179702109-179703557	TC	TD	OK	31.5617	13.3914	-1.23687	-3.1467	0.00505	0.025825	yes
mRNA	CA12g13740	Pepper1.55ch12:179891029-179895867	TC	TD	OK	374.067	175.157	-1.09465	-3.1109	0.00135	0.0096189	yes
mRNA	CA12g13880	Pepper1.55ch12:180791101-180794039	TC	TD	OK	82.9893	275.491	1.73101	3.48037	5.00E-05	0.0007276	yes
mRNA	CA12g13900	Pepper1.55ch12:180836346-180837159	TC	TD	OK	8.95782	27.2308	1.60402	2.53207	0.00065	0.005483	yes
mRNA	CA12g13960	Pepper1.55ch12:181294288-181299847	TC	TD	OK	53.2441	25.9598	-1.03634	-2.2107	0.00205	0.0131645	yes
mRNA	CA12g14030	Pepper1.55ch12:182549523-182550990	TC	TD	OK	412.558	981.943	1.25104	2.13818	0.0027	0.0160796	yes
mRNA	CA12g14080	Pepper1.55ch12:183334517-183336203	TC	TD	OK	11.7642	53.3518	2.18114	4.04688	5.00E-05	0.0007276	yes
mRNA	CA12g14330	Pepper1.55ch12:190862858-190865839	TC	TD	OK	1.8282	7.03751	1.94464	2.85972	0.0003	0.0030405	yes
mRNA	CA12g14450	Pepper1.55ch12:193338794-193342238	TC	TD	OK	5.87298	24.2714	2.04709	3.71621	5.00E-05	0.0007276	yes
mRNA	CA12g14460	Pepper1.55ch12:193734056-193736967	TC	TD	OK	17.5451	48.1669	1.45697	4.14673	0.0007	0.0057915	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA12g14500	Pepper1.55ch12:194626837-194632856	TC	TD	OK	2.57096	5.72069	1.15388	1.89887	0.00935	0.0401997	yes
mRNA	CA12g14520	Pepper1.55ch12:195493376-195493775	TC	TD	OK	17.7843	120.855	2.7646	7.84208	5.00E-05	0.0007276	yes
mRNA	CA12g14530	Pepper1.55ch12:195493817-195494530	TC	TD	OK	5.72946	25.1374	2.13337	3.88616	5.00E-05	0.0007276	yes
mRNA	CA12g14620	Pepper1.55ch12:195910777-195917177	TC	TD	OK	16.5677	7.36236	-1.17013	-2.2155	0.00535	0.0268407	yes
mRNA	CA12g14660	Pepper1.55ch12:196003909-196009487	TC	TD	OK	9.56344	17.6632	0.88515	1.67637	0.0083	0.0370797	yes
mRNA	CA12g14830	Pepper1.55ch12:196752912-196753533	TC	TD	OK	15.0483	56.6085	1.91142	5.10625	0.00015	0.0017852	yes
mRNA	CA12g14860	Pepper1.55ch12:196936596-196938165	TC	TD	OK	2.48661	5.63944	1.18137	1.8346	0.0064	0.0306708	yes
mRNA	CA12g14940	Pepper1.55ch12:197691994-197692873	TC	TD	OK	44.5671	23.802	-0.9049	-2.0315	0.01	0.0421536	yes
mRNA	CA12g15130	Pepper1.55ch12:199835707-199839683	TC	TD	OK	17.402	5.26619	-1.72443	-3.4015	0.00045	0.0041816	yes
mRNA	CA12g15390	Pepper1.55ch12:203764166-203765738	TC	TD	OK	32.4984	7.0014	-2.21465	-4.2308	5.00E-05	0.0007276	yes
mRNA	CA12g15450	Pepper1.55ch12:204895910-204896936	TC	TD	OK	2.58375	8.16942	1.66077	2.47898	0.00245	0.015048	yes
mRNA	CA12g15580	Pepper1.55ch12:207206411-207208747	TC	TD	OK	4.88476	18.901	1.9521	3.85045	0.00075	0.0061114	yes
mRNA	CA12g15620	Pepper1.55ch12:207501756-207502935	TC	TD	OK	1191.84	2824.62	1.24486	1.89147	0.01245	0.0496651	yes
mRNA	CA12g15710	Pepper1.55ch12:208083680-208084472	TC	TD	OK	8.94495	37.6102	2.07198	3.9335	5.00E-05	0.0007276	yes
mRNA	CA12g15720	Pepper1.55ch12:208093399-208094464	TC	TD	OK	21.9779	62.0677	1.49779	3.22056	5.00E-05	0.0007276	yes
mRNA	CA12g15780	Pepper1.55ch12:208675897-208679562	TC	TD	OK	119.123	43.2503	-1.46167	-3.1146	5.00E-05	0.0007276	yes
mRNA	CA12g15880	Pepper1.55ch12:210034100-210036916	TC	TD	OK	11.4696	3.92197	-1.54817	-2.6455	5.00E-05	0.0007276	yes
mRNA	CA12g15890	Pepper1.55ch12:210036958-210037354	TC	TD	OK	28.2389	6.44028	-2.13249	-4.6185	0.0012	0.008808	yes
mRNA	CA12g16480	Pepper1.55ch12:215727462-215732971	TC	TD	OK	30.3568	56.4925	0.89604	1.8992	0.0072	0.0334427	yes
mRNA	CA12g16650	Pepper1.55ch12:216416088-216419505	TC	TD	OK	30.761	94.4218	1.61802	2.97959	5.00E-05	0.0007276	yes
mRNA	CA12g16680	Pepper1.55ch12:216554220-216556491	TC	TD	OK	3.35292	0.28758	-3.5434	-2.9784	0.00395	0.0215352	yes
mRNA	CA12g16760	Pepper1.55ch12:216690369-216697602	TC	TD	OK	7.38841	3.64317	-1.02007	-1.7049	0.00945	0.0405027	yes
mRNA	CA12g16890	Pepper1.55ch12:217090232-217092963	TC	TD	OK	15.9999	31.0336	0.95577	1.68638	0.0051	0.0260014	yes
mRNA	CA12g16930	Pepper1.55ch12:217187911-217197761	TC	TD	OK	8.30722	57.4014	2.78865	4.98085	5.00E-05	0.0007276	yes
mRNA	CA12g17070	Pepper1.55ch12:217834888-217837490	TC	TD	OK	7.28281	2.40248	-1.59997	-2.4411	0.001	0.0076526	yes
mRNA	CA12g17080	Pepper1.55ch12:217848866-217852136	TC	TD	OK	17.0464	36.3195	1.09128	2.24341	0.00125	0.0090735	yes
mRNA	CA12g17170	Pepper1.55ch12:218162427-218162712	TC	TD	OK	20.8942	0	#NAME?	nan	5.00E-05	0.0007276	yes
mRNA	CA12g17260	Pepper1.55ch12:218414991-218419200	TC	TD	OK	79.4578	43.7313	-0.86152	-2.3743	0.0113	0.0460638	yes
mRNA	CA12g17740	Pepper1.55ch12:220865396-220868471	TC	TD	OK	9.44367	19.9018	1.07548	1.94845	0.0026	0.0156946	yes
mRNA	CA12g17890	Pepper1.55ch12:223105158-223109112	TC	TD	OK	49.1042	16.5821	-1.56622	-3.0149	5.00E-05	0.0007276	yes
mRNA	CA12g17910	Pepper1.55ch12:223230770-223231418	TC	TD	OK	7.85636	2.1274	-1.88477	-2.6363	0.0056	0.0277718	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA12g17990	Pepper1.55ch12:224526020-224530451	TC	TD	OK	3.22336	7.84264	1.28277	2.2011	0.00095	0.0073823	yes
mRNA	CA12g18060	Pepper1.55ch12:224731444-224732185	TC	TD	OK	22.5556	56.8913	1.33472	2.61592	0.00105	0.0079626	yes
mRNA	CA12g18120	Pepper1.55ch12:224965330-224968398	TC	TD	OK	4.18642	1.16755	-1.84224	-2.5262	0.00365	0.0202508	yes
mRNA	CA12g18150	Pepper1.55ch12:225074617-225075145	TC	TD	OK	4.19458	14.9601	1.83452	3.36917	0.002	0.012937	yes
mRNA	CA12g18160	Pepper1.55ch12:225124856-225128205	TC	TD	OK	64.4064	120.429	0.90291	2.53387	0.0112	0.0458047	yes
mRNA	CA12g18250	Pepper1.55ch12:225322432-225325704	TC	TD	OK	10.2676	4.80783	-1.09464	-2.0166	0.0074	0.0340987	yes
mRNA	CA12g18280	Pepper1.55ch12:225477237-225483189	TC	TD	OK	51.4284	10.6304	-2.27437	-4.4338	5.00E-05	0.0007276	yes
mRNA	CA12g18290	Pepper1.55ch12:225501969-225505744	TC	TD	OK	15.7372	6.5332	-1.26832	-2.3439	0.0011	0.0082588	yes
mRNA	CA12g18390	Pepper1.55ch12:225927833-225929746	TC	TD	OK	13.0657	36.1747	1.4692	2.8653	0.00045	0.0041816	yes
mRNA	CA12g18400	Pepper1.55ch12:225929767-225932713	TC	TD	OK	27.07	50.5833	0.90197	1.74676	0.0072	0.0334427	yes
mRNA	CA12g18500	Pepper1.55ch12:226153613-226160455	TC	TD	OK	143.968	482.204	1.74389	3.13563	5.00E-05	0.0007276	yes
mRNA	CA12g18620	Pepper1.55ch12:226385094-226386120	TC	TD	OK	33.4804	79.4204	1.24619	2.08438	0.00365	0.0202508	yes
mRNA	CA12g18820	Pepper1.55ch12:226803531-226804840	TC	TD	OK	5.75182	1.44951	-1.98845	-2.5889	0.00135	0.0096189	yes
mRNA	CA12g19220	Pepper1.55ch12:227830346-227831225	TC	TD	OK	35.3362	67.8548	0.9413	2.1083	0.0052	0.0263598	yes
mRNA	CA12g19240	Pepper1.55ch12:227844976-227845597	TC	TD	OK	6.60915	1.64812	-2.00365	-2.5893	0.0104	0.0433434	yes
mRNA	CA12g19400	Pepper1.55ch12:228038497-228039640	TC	TD	OK	93.4814	28.4058	-1.71849	-3.18	5.00E-05	0.0007276	yes
mRNA	CA12g19420	Pepper1.55ch12:228136647-228140601	TC	TD	OK	1.52073	9.01148	2.567	3.67269	5.00E-05	0.0007276	yes
mRNA	CA12g19440	Pepper1.55ch12:228174058-228181161	TC	TD	OK	80.7061	202.077	1.32416	2.98383	5.00E-05	0.0007276	yes
mRNA	CA12g19550	Pepper1.55ch12:228273263-228278115	TC	TD	OK	200.829	102.655	-0.96816	-2.1257	0.00415	0.0222637	yes
mRNA	CA12g19570	Pepper1.55ch12:228374023-228375085	TC	TD	OK	8.72011	2.22126	-1.97297	-3.0562	0.00025	0.0026513	yes
mRNA	CA12g19620	Pepper1.55ch12:228558207-228559563	TC	TD	OK	30.1162	8.81659	-1.77225	-3.5799	5.00E-05	0.0007276	yes
mRNA	CA12g19690	Pepper1.55ch12:228712601-228716261	TC	TD	OK	18.367	1.93589	-3.24605	-5.6847	5.00E-05	0.0007276	yes
mRNA	CA12g19720	Pepper1.55ch12:228788200-228794573	TC	TD	OK	8.64228	3.87749	-1.15629	-2.0914	0.005	0.0256475	yes
mRNA	CA12g19750	Pepper1.55ch12:228997366-228998704	TC	TD	OK	13.8637	6.73649	-1.04124	-1.9157	0.0064	0.0306708	yes
mRNA	CA12g19760	Pepper1.55ch12:229026380-229027915	TC	TD	OK	19.6029	40.8961	1.06089	2.44002	0.0066	0.0313308	yes
mRNA	CA12g19840	Pepper1.55ch12:229157849-229161077	TC	TD	OK	4.30386	10.9632	1.34897	2.26539	0.0004	0.0038157	yes
mRNA	CA12g19920	Pepper1.55ch12:229289916-229291423	TC	TD	OK	59.261	115.8	0.96648	2.3397	0.00485	0.024997	yes
mRNA	CA12g19950	Pepper1.55ch12:229718205-229726657	TC	TD	OK	32.9524	6.6098	-2.3177	-4.046	5.00E-05	0.0007276	yes
mRNA	CA12g19990	Pepper1.55ch12:229773527-229774998	TC	TD	OK	14.8305	42.7135	1.52613	3.15181	0.0001	0.0012767	yes
mRNA	CA12g20010	Pepper1.55ch12:229798311-229799723	TC	TD	OK	6.54464	19.8229	1.59878	2.9003	0.0004	0.0038157	yes
mRNA	CA12g20020	Pepper1.55ch12:229804158-229804515	TC	TD	OK	1.7971	11.5419	2.68314	3.0939	0.00975	0.0414121	yes

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mRNA	CA12g20030	Pepper1.55ch12:229898032-229898643	TC	TD	OK	19.1939	39.767	1.05092	2.51439	0.0083	0.0370797	yes
mRNA	CA12g20050	Pepper1.55ch12:229925376-229926157	TC	TD	OK	1.85594	15.2129	3.03507	4.38983	0.0002	0.0022357	yes
mRNA	CA12g20260	Pepper1.55ch12:231231622-231232963	TC	TD	OK	505.784	31.1549	-4.02099	-11.381	5.00E-05	0.0007276	yes
mRNA	CA12g20290	Pepper1.55ch12:231251224-231251692	TC	TD	OK	28.24	67.8265	1.26411	3.37806	0.0008	0.0064526	yes
mRNA	CA12g20570	Pepper1.55ch12:231725500-231737021	TC	TD	OK	18.8573	6.81164	-1.46905	-2.6086	0.0001	0.0012767	yes
mRNA	CA12g20590	Pepper1.55ch12:231797150-231801718	TC	TD	OK	50.8064	149.32	1.55532	3.08775	5.00E-05	0.0007276	yes
mRNA	CA12g20610	Pepper1.55ch12:231855717-231855990	TC	TD	OK	96.5865	9.24949	-3.38438	-10.188	0.00065	0.005483	yes
mRNA	CA12g20620	Pepper1.55ch12:231856030-231858411	TC	TD	OK	42.353	16.6667	-1.3455	-2.574	5.00E-05	0.0007276	yes
mRNA	CA12g20640	Pepper1.55ch12:231887224-231891931	TC	TD	OK	2.892	9.44124	1.70691	2.58927	0.0002	0.0022357	yes
mRNA	CA12g20800	Pepper1.55ch12:232136392-232138648	TC	TD	OK	120.659	37.4403	-1.68827	-3.5998	5.00E-05	0.0007276	yes
mRNA	CA12g20810	Pepper1.55ch12:232138691-232139360	TC	TD	OK	30.657	12.4163	-1.30398	-2.9535	0.0017	0.0114072	yes
mRNA	CA12g20830	Pepper1.55ch12:232149793-232150489	TC	TD	OK	7.11014	22.3168	1.65018	3.77737	0.00055	0.0048567	yes
mRNA	CA12g20940	Pepper1.55ch12:232665238-232667938	TC	TD	OK	122.392	524.37	2.09907	3.36494	5.00E-05	0.0007276	yes
mRNA	CA12g20950	Pepper1.55ch12:232735137-232744785	TC	TD	OK	13.5507	53.3232	1.97639	3.11989	5.00E-05	0.0007276	yes
mRNA	CA12g20990	Pepper1.55ch12:232787973-232790710	TC	TD	OK	16.1502	8.29806	-0.96071	-1.7367	0.009	0.0391184	yes
mRNA	CA12g21000	Pepper1.55ch12:232792520-232796319	TC	TD	OK	47.2679	92.5938	0.97006	2.1765	0.0037	0.0204605	yes
mRNA	CA12g21020	Pepper1.55ch12:232812703-232813885	TC	TD	OK	659.751	245.139	-1.42832	-2.6289	0.0003	0.0030405	yes
mRNA	CA12g21100	Pepper1.55ch12:232914516-232926843	TC	TD	OK	89.5382	212.125	1.24434	2.90722	0.0004	0.0038157	yes
mRNA	CA12g21130	Pepper1.55ch12:232946887-232951981	TC	TD	OK	10.6214	4.62987	-1.19794	-2.0772	0.003	0.0173859	yes
mRNA	CA12g21150	Pepper1.55ch12:232958782-232960901	TC	TD	OK	20.8896	2.92164	-2.83794	-4.3657	0.0122	0.0488745	yes
mRNA	CA12g21170	Pepper1.55ch12:232983944-232985863	TC	TD	OK	27.2168	62.6678	1.20323	3.4047	0.00125	0.0090735	yes
mRNA	CA12g21210	Pepper1.55ch12:233001306-233004705	TC	TD	OK	158.858	74.2947	-1.09641	-4.2296	0.00295	0.0171555	yes
mRNA	CA12g21240	Pepper1.55ch12:233028968-233032708	TC	TD	OK	13.1823	35.4863	1.42866	2.84597	5.00E-05	0.0007276	yes
mRNA	CA12g21260	Pepper1.55ch12:233133236-233140913	TC	TD	OK	29.1073	10.6534	-1.45007	-2.8421	5.00E-05	0.0007276	yes
mRNA	CA12g21320	Pepper1.55ch12:233198360-233201647	TC	TD	OK	7.15725	19.0139	1.40957	2.54174	0.00025	0.0026513	yes
mRNA	CA12g21330	Pepper1.55ch12:233211306-233213176	TC	TD	OK	24.4239	59.2899	1.27949	3.45454	0.00135	0.0096189	yes
mRNA	CA12g21470	Pepper1.55ch12:233466803-233467743	TC	TD	OK	173.472	363.605	1.06767	3.46404	0.00195	0.0126842	yes
mRNA	CA12g21520	Pepper1.55ch12:233533352-233534504	TC	TD	OK	4.71865	10.1016	1.09815	2.18379	0.0099	0.0418842	yes
mRNA	CA12g21530	Pepper1.55ch12:233543989-233553454	TC	TD	OK	14.9036	5.83453	-1.35297	-2.488	0.0003	0.0030405	yes
mRNA	CA12g21630	Pepper1.55ch12:233708503-233711414	TC	TD	OK	5.03805	13.6653	1.43958	2.67876	0.0009	0.0070813	yes
mRNA	CA12g21710	Pepper1.55ch12:233791884-233793482	TC	TD	OK	260.283	600.821	1.20685	2.61706	0.001	0.0076526	yes

gene_id	gene	locus	sample_1	sample_2	status	value_1	value_2	log2(fold_change)	test_stat	p_value	q_value	significant
mRNA	CA12g22120	Pepper1.55ch12:234405501-234411219	TC	TD	OK	9.11623	32.0701	1.81472	3.26755	5.00E-05	0.0007276	yes
mRNA	CA12g22130	Pepper1.55ch12:234414043-234417132	TC	TD	OK	111.458	340.468	1.61101	4.78605	5.00E-05	0.0007276	yes
mRNA	CA12g22180	Pepper1.55ch12:234471917-234475445	TC	TD	OK	1.44205	4.26439	1.56422	2.35582	0.001	0.0076526	yes
mRNA	CA12g22410	Pepper1.55ch12:234718041-234718554	TC	TD	OK	530.428	1645.88	1.63363	4.41451	5.00E-05	0.0007276	yes
mRNA	CA12g22420	Pepper1.55ch12:234726044-234727709	TC	TD	OK	6.1427	1.25758	-2.28822	-3.1793	0.00015	0.0017852	yes
mRNA	CA12g22440	Pepper1.55ch12:234739082-234740192	TC	TD	OK	7.50239	2.25084	-1.73689	-2.5354	0.0012	0.008808	yes
mRNA	CA12g22490	Pepper1.55ch12:234824825-234825146	TC	TD	OK	106.221	47.8273	-1.15117	-4.2608	0.0041	0.0221054	yes
mRNA	CA12g22500	Pepper1.55ch12:234996075-234998595	TC	TD	OK	111.06	5.26299	-4.39932	-8.9762	5.00E-05	0.0007276	yes
mRNA	CA12g22580	Pepper1.55ch12:235227668-235228817	TC	TD	OK	11.6864	5.33901	-1.13019	-2.0602	0.0058	0.0284366	yes
mRNA	CA12g22630	Pepper1.55ch12:235304939-235306088	TC	TD	OK	244.998	120.286	-1.0263	-2.0824	0.0048	0.0248838	yes
mRNA	CA12g22780	Pepper1.55ch12:235561038-235565750	TC	TD	OK	10.4044	22.8051	1.13216	2.06823	0.0024	0.0148011	yes
mRNA	CA12g22790	Pepper1.55ch12:235566641-235567313	TC	TD	OK	10.2412	31.804	1.63482	3.02693	0.0005	0.0045156	yes
mRNA	CA12g22800	Pepper1.55ch12:235583466-235589373	TC	TD	OK	48.071	17.7066	-1.44088	-2.7033	5.00E-05	0.0007276	yes
mRNA	CA12g22860	Pepper1.55ch12:235619675-235620188	TC	TD	OK	285.987	127.33	-1.16737	-3.4253	0.0014	0.009905	yes