Table S1: Results of qRT-PCR. Differential gene expression was determined using REST software (1). *adk* and *gatB* (2) were used as reference genes (REF). With this method, the results of the RNA sequencing experiments can be confirmed or refuted on a "yes-or-no" level (UP or DOWN or - not regulated). The differential expression values do not necessarily correlate, as there are fundamental differences between the two methods, regarding e.g. primer design for qRT-PCR or different analysis software (3). TRG = target. C.I. = confidence interval. P(H1) = significance. REST sets maximum primer efficiency = 1.

Gene	Type	Efficiency	Expression	Std. Error	95% C.I.	P(H1)	Result
adk	REF	0.928	1.035				
gatB	REF	0.943	0.966				
bcf_04565	TRG	0.941	26.854	20.779 - 39.002	18.149 - 45.283	0.011	UP
bcf_04560	TRG	0.989	6.729	5.189 - 8.544	4.698 - 11.681	0.01	UP
bcf_27370	TRG	0.868	32.601	28.173 - 38.185	24.969 - 39.559	0.02	UP
bcf_09850	TRG	0.974	9.407	7.697 - 11.016	7.175 - 12.229	0.006	UP
bcf_16240	TRG	0.985	3.619	3.057 - 4.100	2.864 - 4.287	0.006	UP
bcf_08380	TRG	0.969	5.091	4.208 - 5.977	4.116 - 6.089	0.001	UP
bcf_13835	TRG	1	3.605	2.534 - 5.347	1.949 - 6.600	0	UP
bcf_05660	TRG	0.949	2.942	2.172 - 4.706	1.956 - 5.338	0.016	UP
bcf_17385	TRG	0.998	3.313	2.928 - 3.662	2.741 - 4.193	0.006	UP
bcf_17575	TRG	1	1.24	0.921 - 1.669	0.861 - 1.834	0.272	-
bcf_01910	TRG	1	5.766	4.376 - 7.379	4.153 - 9.144	0.024	UP
bcf_24405	TRG	0.91	3.653	2.415 - 4.596	2.180 - 5.146	0.006	UP
bcf_24230	TRG	0.982	1.872	1.457 - 2.384	1.201 - 2.885	0.011	UP
bcf_17530	TRG	0.76	1.399	1.198 - 1.623	1.063 - 1.752	0.015	UP
bcf_18185	TRG	0.891	0.907	0.523 - 1.398	0.404 - 2.098	0.804	-
bcf_17340	TRG	1	2.317	2.040 - 2.638	1.934 - 2.774	0.005	UP
bcf_15285	TRG	0.883	0.807	0.603 - 1.055	0.523 - 1.212	0.235	-
bcf_00530	TRG	0.925	3.021	2.429 - 3.748	2.214 - 4.081	0.017	UP
bcf_09265	TRG	1	1.29	1.026 - 1.547	1.003 - 1.578	0.037	UP
bcf_08015	TRG	0.809	0.68	0.539 - 0.946	0.514 - 0.994	0.051	-
bcf_03465	TRG	1	0.025	0.016 - 0.039	0.013 - 0.048	0.013	DOWN
bcf_04545	TRG	0.987	0.345	0.292 - 0.410	0.269 - 0.429	0.029	DOWN
bcf_16685	TRG	0.988	0.359	0.292 - 0.452	0.273 - 0.466	0.017	DOWN
bcf_15280	TRG	0.939	0.368	0.236 - 0.573	0.214 - 0.633	0.01	DOWN
bcf_13360	TRG	1	0.089	0.034 - 0.228	0.028 - 0.280	0.021	DOWN
bcf_18650	TRG	0.985	0.256	0.223 - 0.323	0.205 - 0.354	0.017	DOWN

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