

Table 1 Suppl. Descriptive statistics of candidate reference genes based on their Cq values. N - number of samples, SD - standard deviation, CV - coefficient of variation [%].

Gene	<i>TIF</i>	<i>GAPDH</i>	<i>HIS3</i>	<i>FBP</i>	<i>BTU</i>	<i>UBC2</i>	<i>EF1</i>	<i>ACT</i>
N	40	40	40	40	40	40	40	40
Mean	27.86	26.84	27.77	32.09	29.25	23.64	32.40	28.72
SD	0.71	0.58	0.84	1.17	0.48	0.64	0.84	0.65
CV [%]	2.55	2.17	3.02	3.64	1.64	2.72	2.59	2.27

Table 2 Suppl. Candidate gene expression stability values determined by *BestKeeper* for licorice plants under normal and drought conditions in leaf tissue and root tissue.

	Normal conditions				Drought conditions			
	gene	<i>r</i> (correlation)	<i>P</i> value	SD	gene	<i>r</i> (correlation)	<i>P</i> value	SD
Leaf	<i>UBC2</i>	0.98	0.001	0.55	<i>TIF</i>	0.90	0.001	0.47
	<i>EF1</i>	0.97	0.001	0.80	<i>EF1</i>	0.90	0.001	0.41
	<i>GAPDH</i>	0.93	0.001	0.63	<i>GAPDH</i>	0.85	0.002	0.49
	<i>ACT</i>	0.91	0.001	0.74	<i>UBC2</i>	0.82	0.004	0.33
	<i>TIF1</i>	0.87	0.001	0.66	<i>ACT</i>	0.82	0.004	0.29
	<i>HIS3</i>	0.74	0.014	0.86	<i>HIS3</i>	0.76	0.011	0.56
	<i>BTU</i>	0.61	0.060	0.51	<i>BTU</i>	0.60	0.066	0.23
					<i>FBP</i>	0.26	0.469	0.68
Root	<i>ACT</i>	0.92	0.001	0.55	<i>UBC2</i>	0.89	0.001	0.49
	<i>UBC2</i>	0.85	0.002	0.55	<i>ACT</i>	0.89	0.001	0.47
	<i>BTU</i>	0.82	0.004	0.36	<i>BTU</i>	0.83	0.001	0.29
	<i>EF1</i>	0.82	0.003	0.78	<i>EF1</i>	0.80	0.006	0.41
	<i>TIF1</i>	0.78	0.008	0.51	<i>GAPDH</i>	0.72	0.018	0.35
	<i>HIS3</i>	0.69	0.028	0.60	<i>TIF1</i>	0.60	0.067	0.23
	<i>GAPDH</i>	0.51	0.138	0.86	<i>HIS3</i>	0.51	0.129	0.58

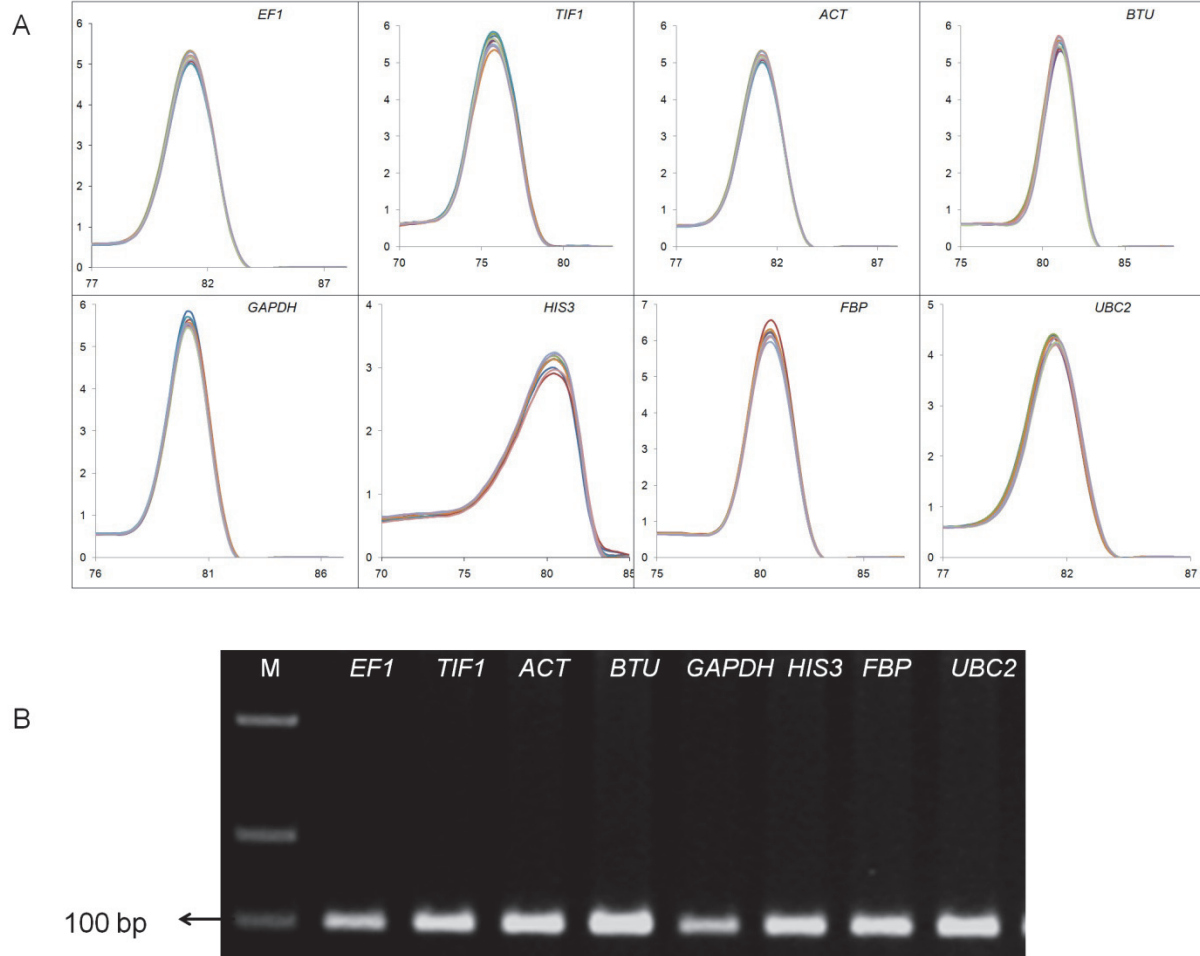


Fig. 1 Suppl. Specificity of primer pairs for PCR amplification. *A* - Melt curves of all candidate control genes. *B* - An agarose gel showing the amplification of a specific PCR product of expected size in real-time PCR reactions for each candidate reference gene. M represents a DNA size marker.