

Table 1. Comparison of expression pattern at the mRNA and protein level of DAPS.

Majority protein IDs	Flod Change (ST/CK)	pval	qPCR 2- $\Delta\Delta$ Ct	pval	trends	
					iTRAQ	qPCR
LEAF						
tr A0A0J8B583 A0A0J8B583_BETVU	0.81	0.000	0.51	0.017	-	-
tr A0A0J8CVF6 A0A0J8CVF6_BETVU	0.82	0.002	0.31	0.001	-	-
tr A0A0J8B8Y7 A0A0J8B8Y7_BETVU	0.79	0.000	0.96	0.388	-	=
tr Q4H1G6 Q4H1G6_BETVU	1.48	0.016	15.84	0.000	+	+
tr Q4H1G0 Q4H1G0_BETVU	1.45	0.000	10.47	0.001	+	+
tr A0A0J8B9V6 A0A0J8B9V6_BETVU	1.22	0.000	3.02	0.001	+	+
ROOT						
tr A0A0J8B2J0 A0A0J8B2J0_BETVU	0.81	0.000	0.97	0.522	-	=
tr A0A0J8BHH5 A0A0J8BHH5_BETVU	0.80	0.001	0.22	0.000	-	-
tr A0A0J8CRX9 A0A0J8CRX9_BETVU	0.79	0.004	0.32	0.002	-	-
tr A0A0J8BAU3 A0A0J8BAU3_BETVU	1.21	0.003	3.20	0.004	+	+
tr Q4H1G6 Q4H1G6_BETVU	1.21	0.005	9.62	0.001	+	+
tr Q84RC0 Q84RC0_BETVU	1.50	0.017	7.07	0.001	+	+

*-: down-regulated, =: no significantly change, +: up-regulated