

Supplementary Table S1: Paired *t*-test between different breeding generations for tocopherol content traits

	ATC		GTC		TTC	
	<i>p</i> -value	<i>t</i> -value	<i>p</i> -value	<i>t</i> -value	<i>p</i> -value	<i>t</i> -value
RLC3_NPJ203	0.0002 **	72.50	0.0453 *	4.538	0.0104 **	9.718
F1D_RLC3	0.5318 ^{ns}	0.7494	0.411 ^{ns}	1.031	0.3946 ^{ns}	1.076
F1D_NPJ203	0.0001 **	90.34	0.0390 *	4.916	0.0108 **	9.523
F1D_F1R	0.4045 ^{ns}	1.048	0.3889 ^{ns}	1.092	0.2519 ^{ns}	1.594
F2D_F2R	0.7216 ^{ns}	0.3571	0.7573 ^{ns}	0.3097	0.8901 ^{ns}	0.1386

* Significant at 5% level of significance ($p < 0.05$); ** highly significant at 1% level of significance ($p < 0.01$); and ns-non significant difference.