

Statistical analysis using SPSS (version 25)

Table 1: statistical analysis of plant extracts on keratinase gene expression of *T. rubrum* (KP979791 and KP979787) (probability 0.05)

ANOVA					
Yield					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.329	11	.394	18.202	.000
Within Groups	.519	24	.022		
Total	4.848	35			

Descriptive								
Yield								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
KP979791								
<i>M. oleifera</i> crude extracts	3	.05	.035	.020	-.04	.14	0	0
Astragalín	3	.30	.182	.105	-.16	.75	0	0
Cryptochlorogenic acid	3	.00	.001	.001	.00	.00	0	0
Anise oil	3	.01	.005	.003	-.01	.02	0	0
Anethole	3	.01	.002	.001	.00	.01	0	0
Control	3	1.00	.000	.000	1.00	1.00	1	1
KP979787								
<i>M. oleifera</i> crude extracts	3	.15	.124	.072	-.16	.46	0	0
Astragalín	3	.42	.454	.262	-.71	1.55	0	1
Cryptochlorogenic acid	3	.16	.026	.015	.09	.23	0	0
Anise oil	3	.08	.029	.017	.01	.15	0	0
Anethole	3	.09	.044	.025	-.02	.20	0	0
Control	3	1.00	.000	.000	1.00	1.00	1	1
Total	36	.27	.372	.062	.15	.40	0	1