

Table S2. Statistical differences for cytotoxic activity of *Ganoderma applanatum* extracts and ganoderic acid A; (5-100 µg/mL) to skin cell line panel – A375, HTB140, HaCaT

E1– control extract A375	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

E2 – extract after elicitation A375	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

Ganoderic acid A A375	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							

20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

E1– control extract HTB140	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

E2 – extract after elicitation HTB140	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

Ganoderic acid A	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
HTB140							
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

E1- control extract	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
HaCaT							
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

E2 – extract after elicitation	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
HaCaT							
5 µg/mL							
10 µg/mL							

20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

Ganoderic acid A HaCaT	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001