

Reducingpower						
Duncan ^a						
Sample	N	Subset for alpha = 0.05				
		1	2	3	4	5
Blank	3	100.0000				
2.5uM	3	105.4612	105.4612			
5uM	3	111.1650	111.1650			
10uM	3		123.4830	123.4830		
15uM	3			132.8277	132.8277	
20uM	3			140.7160	140.7160	
25uM	3				149.8786	
Vit.C	3					307.2209
Sig.		.246	.069	.080	.083	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Reducingpower						
Duncan ^a						
Sample	N	Subset for alpha = 0.01				
		1	2	3	4	
Blank	3	100.0000				
2.5uM	3	105.4612	105.4612			
5uM	3	111.1650	111.1650			
10uM	3	123.4830	123.4830	123.4830		
15uM	3		132.8277	132.8277		
20uM	3			140.7160		
25uM	3			149.8786		
Vit.C	3				307.2209	
Sig.		.024	.010	.013	1.000	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Reducingpower						
Duncan ^a						
Sample	N	Subset for alpha = 0.001				
		1	2	3	4	
Blank	3	100.0000				
2.5uM	3	105.4612	105.4612			
5uM	3	111.1650	111.1650			
10uM	3	123.4830	123.4830	123.4830		
15uM	3	132.8277	132.8277	132.8277		
20uM	3		140.7160	140.7160		
25uM	3			149.8786		
Vit.C	3				307.2209	
Sig.		.003	.002	.013	1.000	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

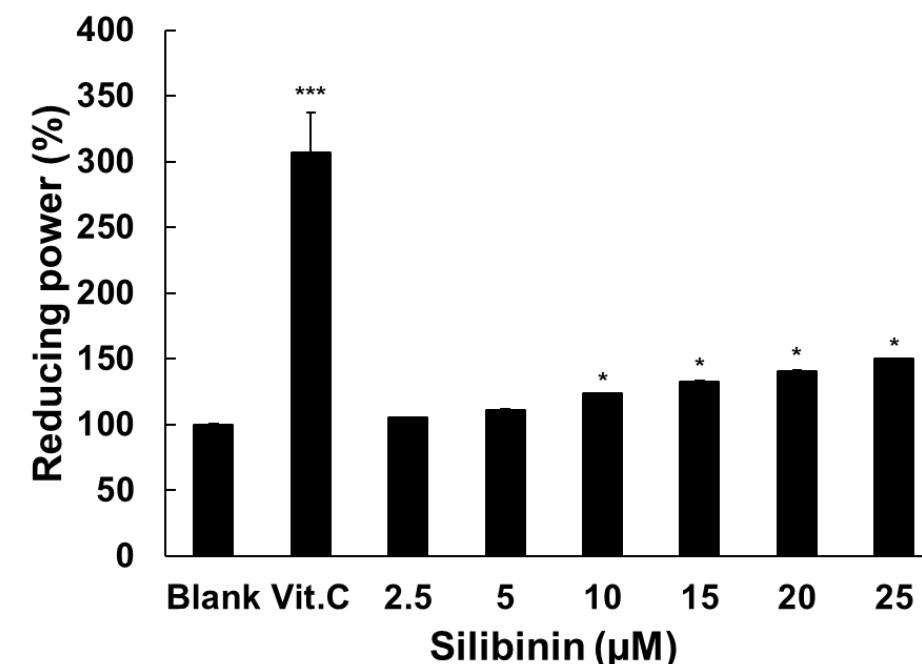


Figure 1B

CellViability

Duncan^a

Sample	N	Subset for alpha = 0.05			
		1	2	3	4
25uM	3	71.3767			
20uM	3	74.6774			
15uM	3		98.1335		
Blank	3		100.0000		
10uM	3			115.2449	
2.5uM	3				137.4421
5uM	3				138.2626
Sig.		.186	.445	1.000	.735

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

CellViability

Duncan^a

Sample	N	Subset for alpha = 0.01			
		1	2	3	4
25uM	3	71.3767			
20uM	3	74.6774			
15uM	3		98.1335		
Blank	3		100.0000		
10uM	3			115.2449	
2.5uM	3				137.4421
5uM	3				138.2626
Sig.		.186	.445	1.000	.735

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

CellViability

Duncan^a

Sample	N	Subset for alpha = 0.001			
		1	2	3	4
25uM	3	71.3767			
20uM	3	74.6774			
15uM	3		98.1335		
Blank	3		100.0000		
10uM	3			115.2449	
2.5uM	3				137.4421
5uM	3				138.2626
Sig.		.186	.445	1.000	.735

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

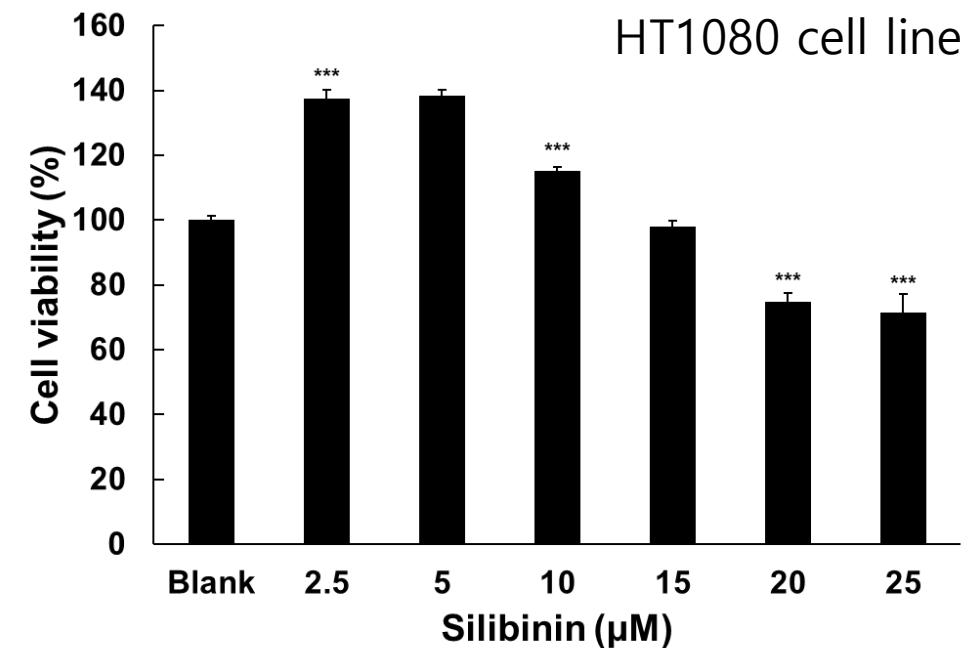


Figure 2A

cellviabilityDuncan^a

sample	N	Subset for alpha = 0.05		
		1	2	3
10uM	3	77.9500		
2.5uM	3	78.7251		
15uM	3	80.6142	80.6142	
5uM	3	83.1137	83.1137	
20uM	3	85.7295	85.7295	
25uM	3		87.0180	
Blank	3			100.0000
Sig.		.056	.104	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Duncan^a

sample	N	Subset for alpha = 0.001	
		1	2
10uM	3	77.9500	
2.5uM	3	78.7251	
15uM	3	80.6142	
5uM	3	83.1137	
20uM	3	85.7295	85.7295
25uM	3	87.0180	87.0180
Blank	3		100.0000
Sig.		.031	.001

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

cellviabilityDuncan^a

sample	N	Subset for alpha = 0.01	
		1	2
10uM	3	77.9500	
2.5uM	3	78.7251	
15uM	3	80.6142	
5uM	3	83.1137	
20uM	3	85.7295	
25uM	3	87.0180	
Blank	3		100.0000
Sig.		.031	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

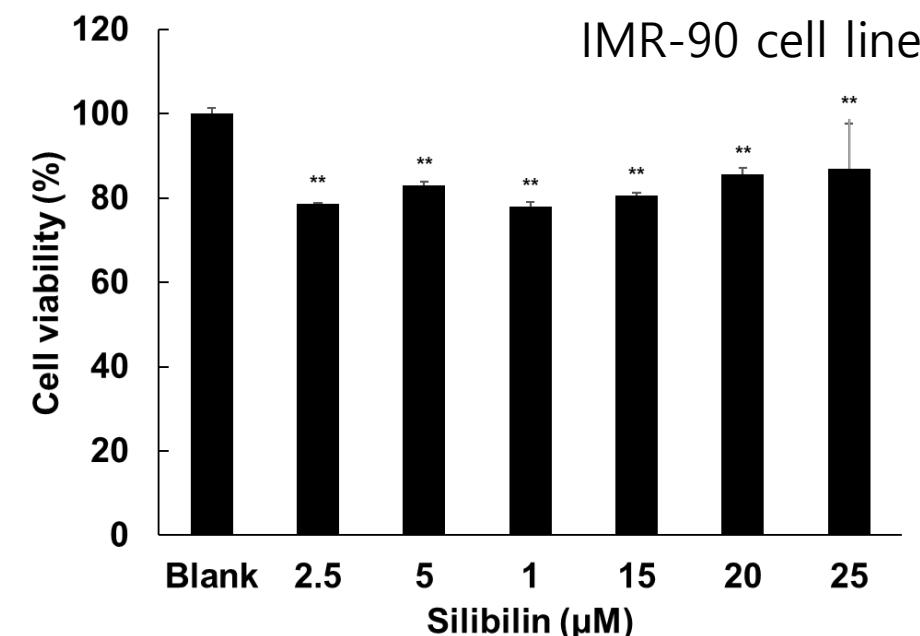


Figure 2B

MMP9

Duncan^a

Sample	N	Subset for alpha = 0.05						
		1	2	3	4	5	6	7
PMA	3	31.4006						
25uM	3		39.3250					
2,5uM	3		39.5613					
5uM	3			87.0941				
Blank	3				100.0000			
7.00	3					107.5988		
10uM	3						120.4205	
2015	3							156.6966
Sig.		1.000	.917	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

MMP9

Duncan^a

Sample	N	Subset for alpha = 0.001				
		1	2	3	4	5
PMA	3	31.4006				
25uM	3	39.3250				
2,5uM	3	39.5613				
5uM	3		87.0941			
Blank	3			100.0000		
7.00	3				107.5988	
10uM	3					120.4205
2015	3					156.6966
Sig.		.003	1.000	.004	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

MMP9

Duncan^a

Double-click to activate
Subset for alpha = 0.01

Sample	N	1	2	3	4	5	6	7
PMA	3	31.4006						
25uM	3		39.3250					
2,5uM	3		39.5613					
5uM	3			87.0941				
Blank	3				100.0000			
7.00	3					107.5988		
10uM	3						120.4205	
2015	3							156.6966
Sig.		1.000	.917	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

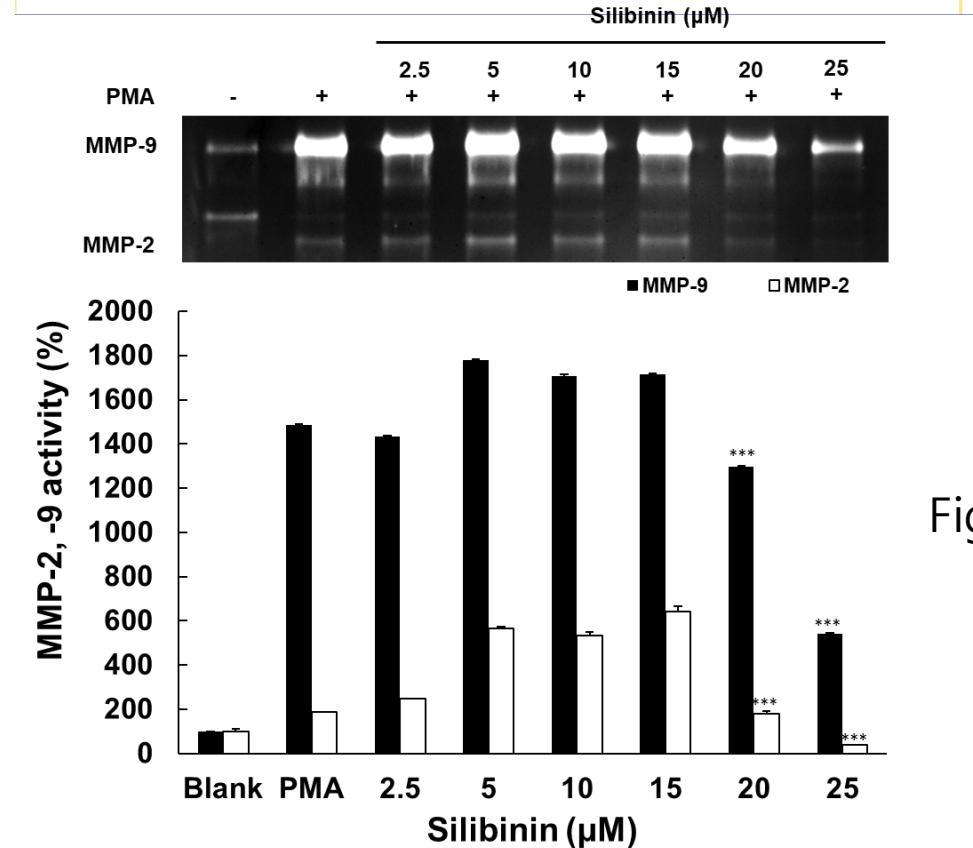


Figure 3

MMP2							
Duncan ^a							
Sample	N	Subset for alpha = 0.05					
		1	2	3	4	5	6
25uM	3	38.8800					
Blank	3		100.0000				
7.00	3			180.2428			
PMA	3				186.4117		
2,5uM	3					247.1302	
10uM	3					533.0519	
5uM	3					566.7005	
2015	3						642.8993
Sig.		1.000	1.000	.535	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 3.000.

MMP2							
Duncan ^a							
Sample	N	Subset for alpha = 0.001					
		1	2	3	4	5	6
25uM	3	38.8800					
Blank	3		100.0000				
7.00	3			180.2428			
PMA	3				186.4117		
2,5uM	3					247.1302	
10uM	3					533.0519	
5uM	3					566.7005	
2015	3						642.8993
Sig.		1.000	1.000	.535	1.000	.003	1.000

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 3.000.

MMP2							
Duncan ^a							
Sample	N	Subset for alpha = 0.01					
		1	2	3	4	5	6
25uM	3	38.8800					
Blank	3		100.0000				
7.00	3			180.2428			
PMA	3				186.4117		
2,5uM	3					247.1302	
10uM	3						533.0519
5uM	3						566.7005
2015	3						642.8993
Sig.		1.000	1.000	.535	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

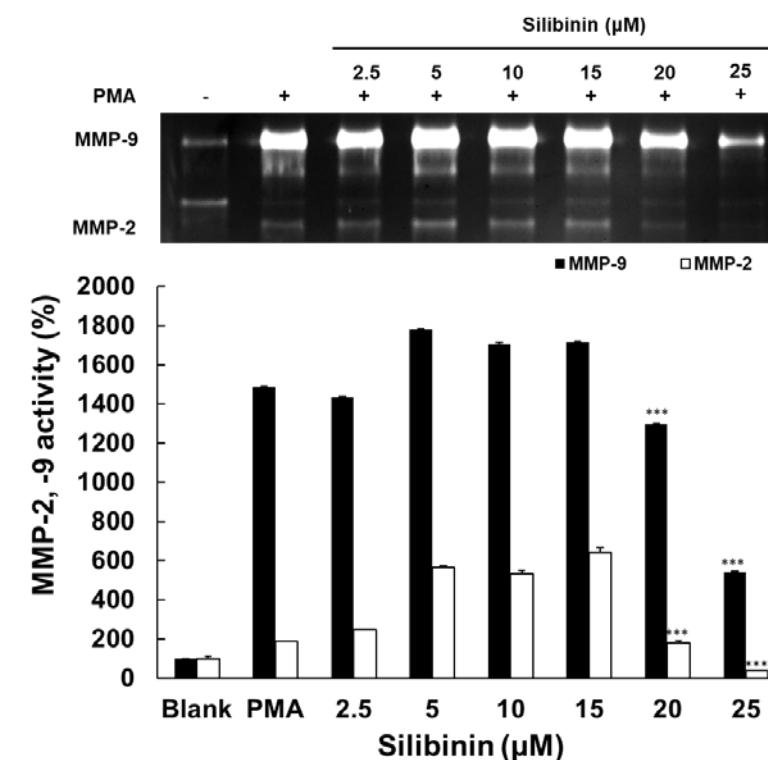


Figure 3

ERK12Duncan^a

Sample	N	Subset for alpha = 0.05					
		1	2	3	4	5	6
25uM	3	61.5474					
2.5uM	3		75.1501				
5uM	3		75.6265				
15uM	3			88.1310			
PMA	3			88.7700	88.7700		
10uM	3				90.3809	90.3809	
20uM	3					91.0919	
Blank	3						100.0000
Sig.		1.000	.543	.417	.052	.367	1.000

Means for groups in homogeneous subsets are displayed.

ERK12Duncan^a

Sample	N	Subset for alpha = 0.01				
		1	2	3	4	5
25uM	3	61.5474				
2.5uM	3		75.1501			
5uM	3		75.6265			
15uM	3			88.1310		
PMA	3			88.7700	88.7700	
10uM	3				90.3809	90.3809
20uM	3					91.0919
Blank	3					100.0000
Sig.		1.000	.543	.012	.010	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

ERK12Duncan^a

Sample	N	Subset for alpha = 0.001			
		1	2	3	4
25uM	3	61.5474			
2.5uM	3		75.1501		
5uM	3		75.6265		
15uM	3			88.1310	
PMA	3				Double-click to activate
10uM	3				
20uM	3			91.0919	
Blank	3				100.0000
Sig.		1.000	.543	.002	1.000

Means for groups in homogeneous subsets are displayed.

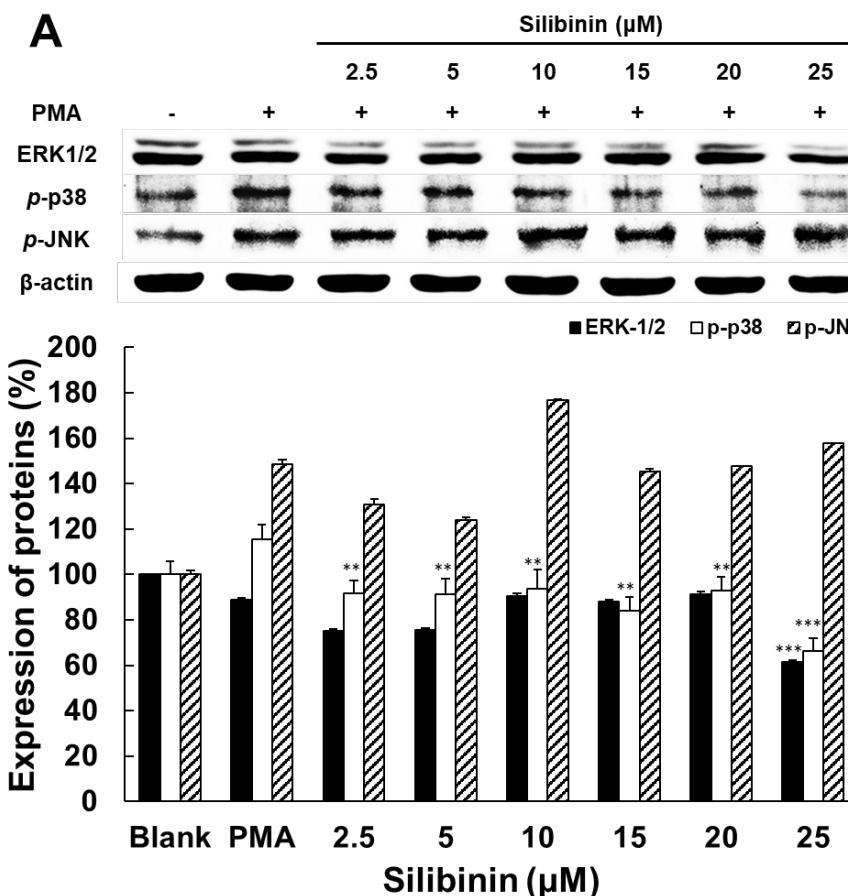
a. Uses Harmonic Mean Sample Size = 3.000.

pp38Duncan^a

Sample	N	Subset for alpha = 0.05			
		1	2	3	4
25uM	3	66.2181			
15uM	3		83.9443		
5uM	3		91.4448	91.4448	
2.5uM	3		91.6904	91.6904	
20uM	3		92.9231	92.9231	
10uM	3		93.7959	93.7959	
Blank	3			100.0000	
PMA	3				115.5667
Sig.		1.000	.106	.156	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Figure 4A**A**

a. Uses Harmonic Mean Sample Size = 3.000.

pJNK

Duncan^a

Sample	N	1	2	3	4	5	6	7	
Blank	3	100.0000							
5uM	3		123.8335						
2.5uM	3			130.9657					
15uM	3				145.3710				
20uM	3					147.5757	147.5757		
PMA	3						148.6600		
25uM	3							157.7876	
10uM	3								176.9562
Sig.		1.000	1.000	1.000	.076	.364	1.000	1.000	

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 3.000.

pJNK

Duncan^a

Sample	N	1	2	3	4	5	6		
Blank	3	100.0000							
5uM	3		123.8335						
2.5uM	3			130.9657					
15uM	3				145.3710				
20uM	3					147.5757			
PMA	3						148.6600		
25uM	3							157.7876	
10uM	3								176.9562
Sig.		1.000	1.000	1.000	.015	1.000	1.000		

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 3.000.

pJNK

Duncan^a

Sample	N	1	2	3	4	5	6		
Blank	3	100.0000							
5uM	3		123.8335						
2.5uM	3			130.9657					
15uM	3				145.3711			Double-click to activate	
20uM	3					147.5757			
PMA	3						148.6600		
25uM	3							157.7876	
10uM	3								176.9562
Sig.		1.000	1.000	1.000	.015	1.000	1.000		

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 3.000.

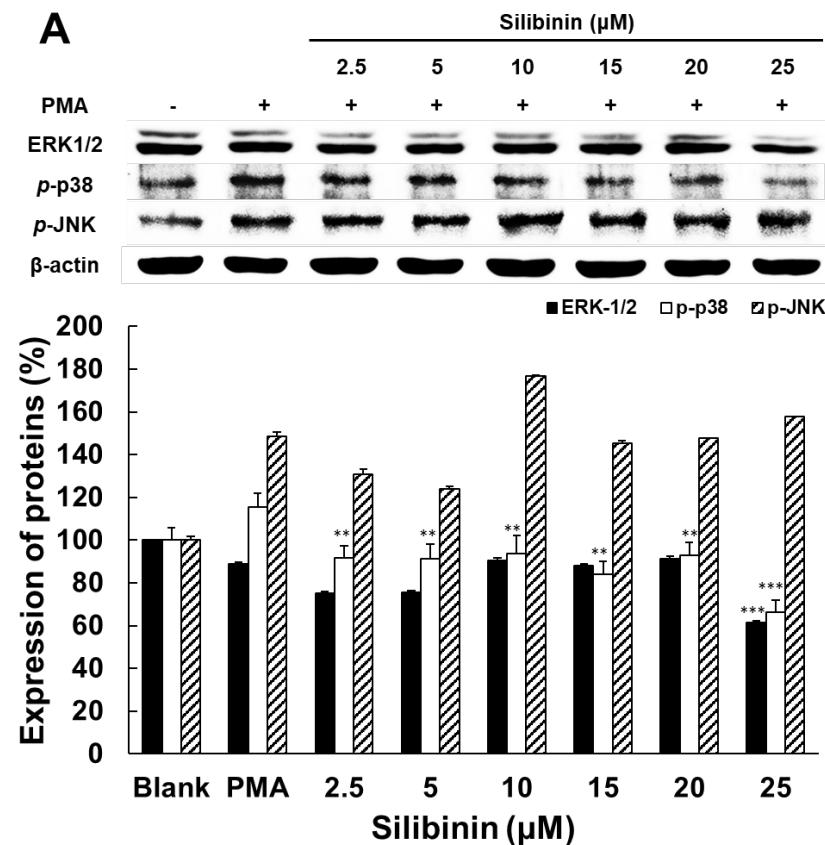


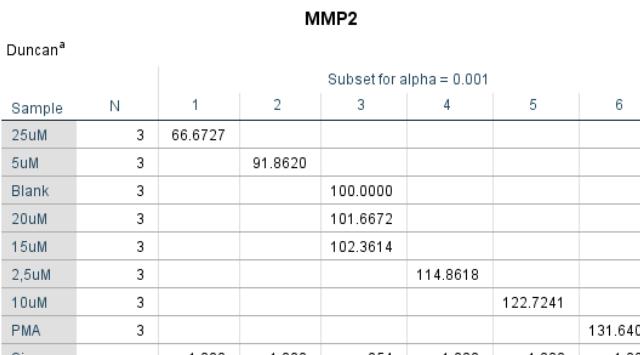
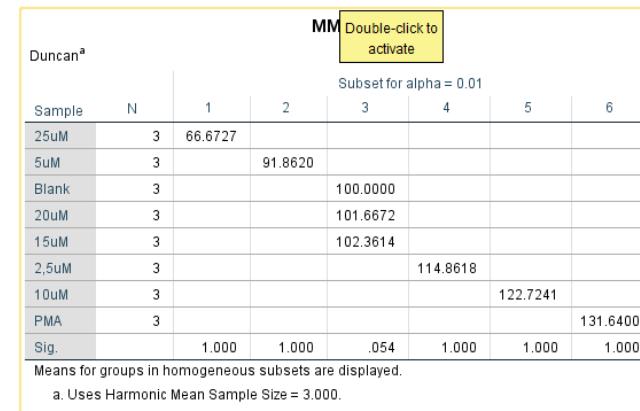
Figure 4A

MMP2Duncan^a

Sample	N	1	2	3	4	5	6
25uM	3	66.6727					
5uM	3		91.8620				
Blank	3			100.0000			
20uM	3			101.6672			
15uM	3			102.3614			
2,5uM	3				114.8618		
10uM	3					122.7241	
PMA	3						131.6400
Sig.		1.000	1.000	.054	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

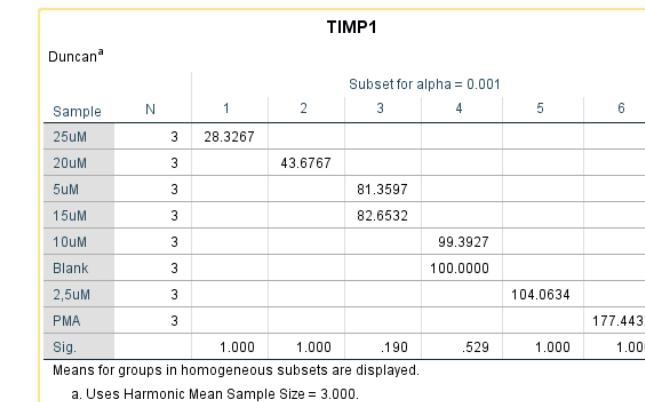
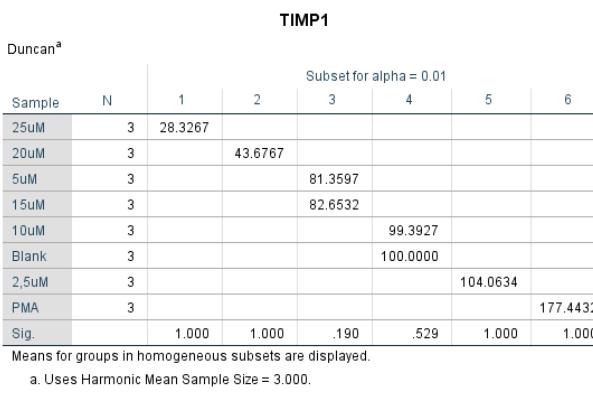
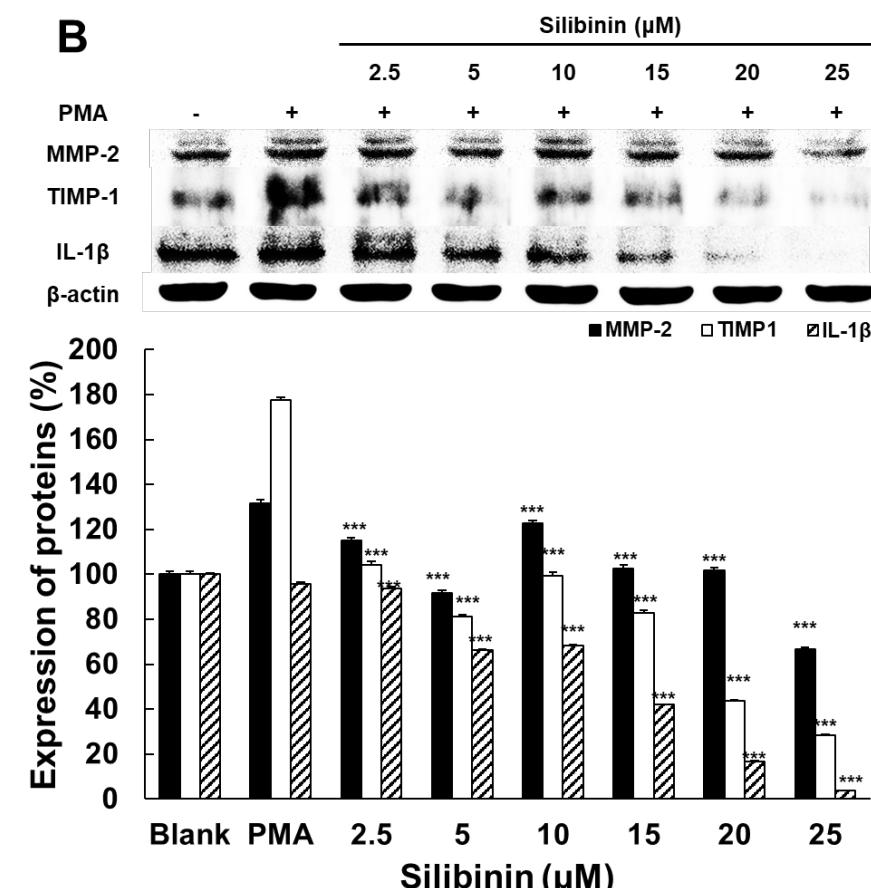
a. Uses Harmonic Mean Sample Size = 3.000.

**TIMP1**Duncan^a

Sample	N	1	2	3	4	5	6
25uM	3	28.3267					
20uM	3		43.6767				
5uM	3			81.3597			
15uM	3			82.6532			
10uM	3				99.3927		
Blank	3				100.0000		
2,5uM	3					104.0634	
PMA	3						177.4432
Sig.		1.000	1.000	.190	.529	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

**Figure 4B****B**

IL1bDuncan^a

Sample	N	Subset for alpha = 0.05							
		1	2	3	4	5	6	7	8
25uM	3	3.7020							
20uM	3		16.7837						
15uM	3			41.8804					
5uM	3				66.3264				
10uM	3					68.2936			
2,5uM	3						93.8716		
PMA	3							95.8947	
Blank	3								100.0000
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

IL1bDuncan^a

Sample	N	Subset for alpha = 0.001							
		1	2	3	4	5	6	7	8
25uM	3	3.7020							
20uM	3		16.7837						
15uM	3			41.8804					
5uM	3				66.3264				
10uM	3					68.2936			
2,5uM	3						93.8716		
PMA	3							95.8947	
Blank	3								100.0000
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

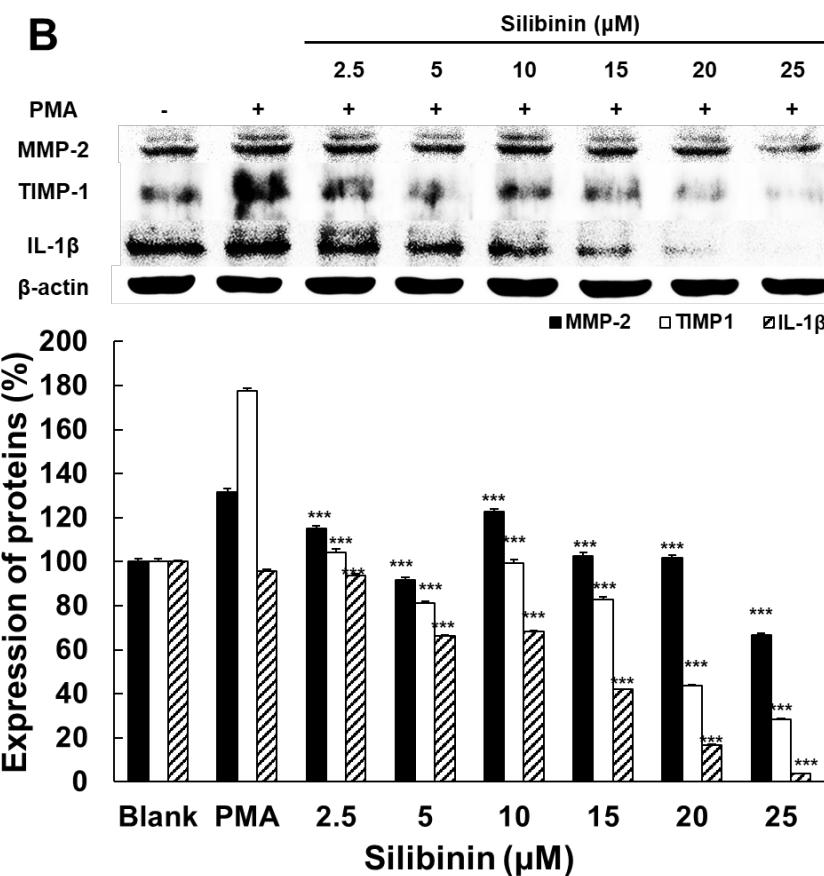
a. Uses Harmonic Mean Sample Size = 3.000.

IL1bDuncan^a

Sample	N	Subset for alpha = 0.01							
		1	2	3	4	5	6	7	8
25uM	3	3.7020							
20uM	3		16.7837						
15uM	3			41.8804					
5uM	3				66.3264				
10uM	3					68.2936			
2,5uM	3						93.8716		
PMA	3							95.8947	
Blank	3								100.0000
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

**Figure 4B**

Cell invasion									
Duncan ^a									
Sample	N	1	2	3	4	5	6	7	8
25uM	3	76.6167							
7.00	3		93.4417						
Blank	3			100.0000					
2015	3				111.9839				
10uM	3					129.9963			
PMA	3						150.2375		
2.5uM	3							194.9945	
5uM	3								211.0888
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Cell invasion									
Duncan ^a									
Sample	N	1	2	3	4	5	6	7	8
25uM	3	76.6167							
7.00	3		93.4417						
Blank	3			100.0000					
2015	3				111.9839				
10uM	3					129.9963			
PMA	3						150.2375		
2.5uM	3							194.9945	
5uM	3								211.0888
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Cell invasion									
Duncan ^a									
Sample	N	1	2	3	4	5	6	7	8
25uM	3	76.6167							
7.00	3		93.4417						
Blank	3			100.0000					
2015	3				111.9839				
10uM	3					129.9963			
PMA	3						150.2375		
2.5uM	3							194.9945	
5uM	3								211.0888
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

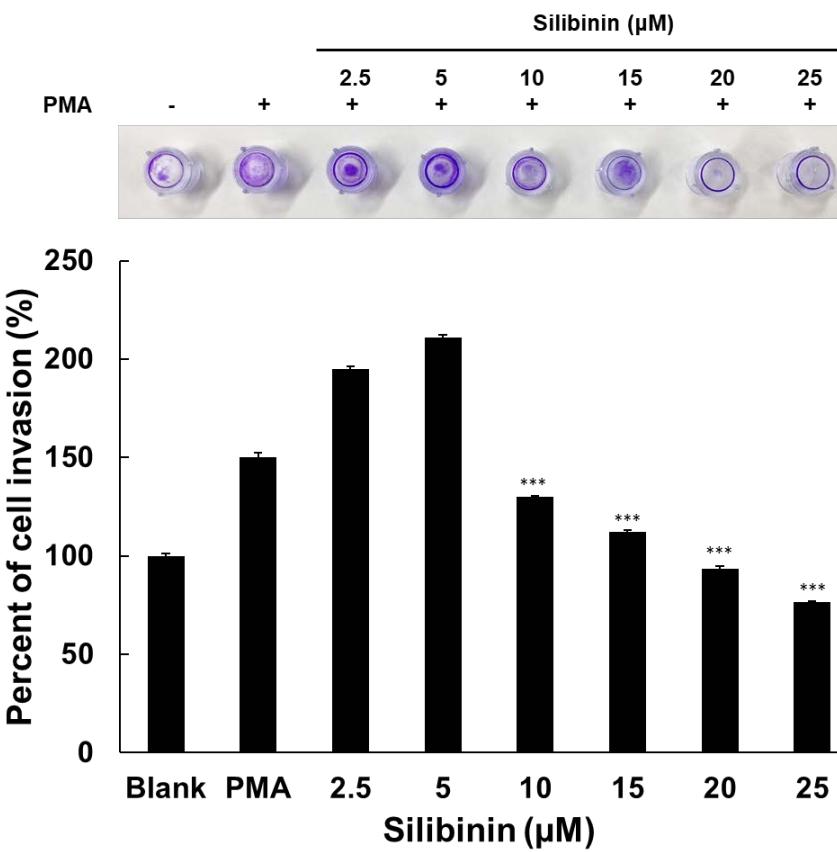


Figure 6