

RAW data

Figure 2A

formononetin dose				formononetin dose				formononetin dose						
	SIRT1	actin	SIRT1/actirfold		SIRT1	actin	SIRT1/actirfold		SIRT1	actin	SIRT1/actirfold			
1	12415.18	23929.3	0.518827	1	9424.368	32132.61	0.293296	1	11341.47	29196.95	0.388447			
2	14282.71	24157.83	0.591225	1.139541	2	17190.25	29431.18	0.584083	1.991445	2	11135.37	27134	0.410384	1.056474
3	16164	20642.18	0.783057	1.509283	3	24335.3	29219.18	0.832854	2.839635	3	15032.83	27304.64	0.55056	1.417335
4	18562.42	22417.59	0.828029	1.595963	4	24481.25	28565.47	0.857022	2.922039	4	16891.93	27306.57	0.618603	1.592504
5	22874.95	23047	0.992535	1.913035	5	26794.78	29297.64	0.914571	3.118253	5	27878.08	27216.35	1.024314	2.636946
6	25619.15	26142.9	0.979966	1.888808	6	25423.02	30709.54	0.827854	2.822589	6	24166.42	25452.42	0.949474	2.444283

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Figure 2B

formononetin TIME				formononetin TIME				formononetin TIME						
	SIRT1	actin	SIRT1/actirfold		SIRT1	actin	SIRT1/actirfold		SIRT1	actin	SIRT1/actirfold			
1	9812.811	18992.71	0.516662	1	12097.18	24298.95	0.497848	1	8024.569	26529.22	0.30248			
2	9538.953	22412	0.425618	0.823784	2	16068.88	25282.83	0.635565	1.276626	2	12981.3	24280.81	0.534632	1.767493
3	10410.64	21907.42	0.475211	0.919771	3	21460.3	26271.42	0.816869	1.640801	3	15290.83	25678.81	0.595465	1.968607
4	12356.83	24244.83	0.509669	0.986465	4	25133.47	21920.23	1.146588	2.303091	4	13729.3	28641.05	0.479357	1.584754
5	20615.71	25289	0.815205	1.57783	5	27389.93	29883.42	0.91656	1.841045	5	21474.66	29630.98	0.724737	2.395979
6	27581.59	28677.66	0.96178	1.861526	6	23521.42	23802.83	0.988177	1.984899	6	25405	31639.13	0.802962	2.65459

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Figure 2C

n=1	1	0.75	1.7	2.14	3.8	4.52
n=2	1	0.94	1.86	3.23	3.7	3.96
n=3	1	1.03	1.2	2.38	4.02	4.12
average	1	0.9067	1.5867	2.5833	3.84	4.2
S.E	0	0.0825	0.1988	0.3307	0.0945	0.1665

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Figure 2E

n=1	1	3.97	2.01	1.48	0.92	0.48
n=2	1	2.28	1.31	1.35	1.01	0.89
n=3	1	3.5	1.03	1.09	0.24	1.02
average	1	3.25	1.45	1.3067	0.7233	0.7967
S.E	0	0.5036	0.2914	0.1146	0.2431	0.1627

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Figure 2H

SIRT1 lucif B-gal				SIRT1 lucif B-gal				SIRT1 lucif B-gal						
	lucifer/b-g	Fold			lucifer/b-g	Fold			lucifer/b-g	Fold				
1	8241	0.102	80794.12	1	16056	0.121	132694.2	1	16524	0.122	135442.6			
2	27532	0.118	233322	2.887859	12	34215	0.114	300131.6	2.261829	22	29442	0.109	270110.1	1.994277
3	16022	0.111	144342.3	1.786545	13	21255	0.117	181666.7	1.369062	23	19394	0.113	171628.3	1.267166
4	9880	0.112	88214.29	1.09184	14	10616	0.108	98296.3	0.740773	24	9299	0.104	89413.46	0.660157