

Supp. 1: Mean ( $\pm$ SD) percentage of cell viability of Caco-2, HCT-116, SW-480, LS147T, and HCT-8 cell lines growing in 2D and 3D cell culture systems at 37°C, 5% CO<sub>2</sub> for seven days,  $n = 6$ .

Time (Day)	Caco-2 Viability % (Mean $\pm$ SD)			HCT-116 Viability % (Mean $\pm$ SD)		
	2D	3D	<i>p</i> value	2D	3D	<i>p</i> value
1	100	100	-----	100	100	-----
2	120.8 $\pm$ 5.5	153.7 $\pm$ 8.1	<0.0001**	141.3 $\pm$ 6.8	137.8 $\pm$ 6.1	0.7718NS
3	81.3 $\pm$ 3.7	174.9 $\pm$ 9.2	<0.0001**	95.1 $\pm$ 4.5	156.7 $\pm$ 7.0	<0.0001**
4	50.2 $\pm$ 2.3	190.6 $\pm$ 10.01	<0.0001**	58.8 $\pm$ 2.8	155.1 $\pm$ 6.8	<0.0001**
5	22.8 $\pm$ 1.04	185.7 $\pm$ 9.9	<0.0001**	26.7 $\pm$ 1.3	140.2 $\pm$ 6.2	<0.0001**
6	7.8 $\pm$ 0.32	152.9 $\pm$ 8.02	<0.0001**	8.5 $\pm$ 0.4	115.5 $\pm$ 5.1	<0.0001**
7	1.3 $\pm$ 0.06	136.5 $\pm$ 1.2	<0.0001**	1.5 $\pm$ 0.1	103.1 $\pm$ 4.6	<0.0001**
Time (Day)	SW480 Viability % (Mean $\pm$ SD)			LS174T Viability % (Mean $\pm$ SD)		
	2D	3D	<i>p</i> value	2D	3D	<i>p</i> value
1	100	100	-----	100	100	-----
2	90.6 $\pm$ 8.2	106.2 $\pm$ 5.3	<0.0001**	123.6 $\pm$ 10.3	110.4 $\pm$ 2.7	<0.0001**
3	60.9 $\pm$ 5.5	110.2 $\pm$ 5.5	<0.0001**	83.2 $\pm$ 6.9	131.03 $\pm$ 3.2	<0.0001**
4	37.7 $\pm$ 3.4	125.4 $\pm$ 6.2	<0.0001**	51.4 $\pm$ 4.3	123.8 $\pm$ 3.0	<0.0001**
5	17.1 $\pm$ 1.6	108.3 $\pm$ 5.4	<0.0001**	23.4 $\pm$ 1.9	114.4 $\pm$ 2.8	<0.0001**
6	5.5 $\pm$ 0.5	84.9 $\pm$ 4.2	<0.0001**	7.4 $\pm$ 0.6	102.3 $\pm$ 2.5	<0.0001**
7	0.98 $\pm$ 0.1	67.3 $\pm$ 3.3	<0.0001**	1.4 $\pm$ 0.1	88.8 $\pm$ 2.2	<0.0001**
Time (Day)	HCT-8 Viability % (Mean $\pm$ SD)					
	2D	3D	<i>p</i> value			
1	100	100	-----			
2	111.5 $\pm$ 7.9	138.5 $\pm$ 31.7	0.0574			
3	77.9 $\pm$ 7.7	143.9 $\pm$ 30.2	<0.0001**			
4	67.6 $\pm$ 9.8	132.5 $\pm$ 19.2	<0.0001**			
5	47.7 $\pm$ 6.8	131.6 $\pm$ 18.9	<0.0001**			
6	32.2 $\pm$ 5.8	111.0 $\pm$ 15.9	<0.0001**			
7	17.8 $\pm$ 3.9	102.8 $\pm$ 30.7	<0.0001**			

\*\*: $p \leq 0.01$ , NS: Non-Significant, SD: Standard Deviation, 2D: Two-Dimensional, 3D: Three-Dimensional.