Pioneer axons employ Cajal's battering ram to enter the spinal cord

Nichols and Smith



Supplementary Figure 1. Glial projections do not extend with the pioneer axon to the DREZ, related to Figure 1.

(A). Confocal z-projection frames from a 24-hr timelapse starting at 48 hpf of a Tg(sox10:eos) zebrafish with a photoconverted neuron. White arrow denotes pioneer axon growth cone. White arrowhead denotes trail-ing glial process. Images on the right show the growth cone contacting the DREZ with traced representations of the neuron (red) and glia (green) (B). Confocal z-projection frames of a 24-hr time-lapse starting at 48 hpf of a Tg(sox10:mrfp) with mosaic expression of ngn1:megfp. The pioneer axon leads the associated glia throughout its navigation before, during, and after DREZ entry. White and green arrows denotes growth cone, and white and red arrowheads denotes the trailing glia. Insets shown below represent the pioneer growth cone in single-planes. Scale bars denote 10 μ m.



Supplementary Figure 2. Axon entry corresponds with rearrangement of radial glia, related to Figure 2.

(A). Confocal z-projection frames of Tg(sox10:mrfp) animals showing the morphologies of a collapsed growth cone and a retraction bulb. (B). Confocal z-projection frames from a 24-hr timelapse starting at 48 hpf of Tg(sox10:mrfp); Tg(gfap:gfp) zebrafish showing navigation of the pioneer axon crossing the radial glia membrane at the DREZ. White arrows denote the area of glial rearrangement during axon entry. Orange dotted box denotes DREZ. (C). Intensity profile of Tg(gfap:gfp) at the DREZ, n=7. Arrowhead denotes intensity during period of growth cone stalling at the DREZ. (D). Tg(gfap:gfp)intensity at the DREZ for before entry, during entry, and after entry. SEM is shown, n=7. (E). Quantification of Tg(gfap:gfp) intensity at the DREZ during failed entry into the spinal cord, SEM is shown, n=5 DREZ. (F). Tg(gfap:gfp) intensity at the DREZ during failed entry before DREZ navigation, during DREZ navigation, and after DREZ. SEM is shown, n=5. (D,F) use a one-way ANOVA and p-values in (D) are corrected for multiple comparisons. Scale bars denote 10 µm.



Supplementary Figure 3. Focal lesions cause ablation of glia limitans, related to Figure 4.

(A-B). Confocal images of a *Tg(ngn1:gfp); Tg(gfap:nsfb-mcherry)* zebrafish with (B) and without (A) a DREZ lesion. Images taken of the DREZ using transmitted light are also included. Dashed white box denotes lesion. (C). Confocal images of a *Tg(ngn1:gfp); Tg(gfap:nsfb-mcherry)* zebrafish with a lesioned DREZ stained for GFAP. Dashed white

box denotes lesion. (D). Quantification of the percent of axons with a lesioned and nonlesioned DREZ that form anterior and posterior projections in the spinal cord. n=5 lesioned, n=5 non-lesioned. (E). Graph of distance traveled by axons with a lesioned (green) and non-lesioned (blue) DREZ. Shaded blue box denotes the area of the DREZ. Dotted lines denote SEM. Note: Lesioned axons travel further distances because of the absence of stalling at the DREZ. Scale bars denote 10 μ m.



Supplementary Figure 4. Pharmacological treatments impact pioneer axon DREZ entry, related to Figure 5.

(A). Lifeact-GFP intensity tracings in the pioneer axon in animals treated with DMSO (black, n=14), SU6656 (green, n=20), and paclitaxel (blue, n=13). (B-D). Quantification of percent of DRG with Sox10+ cell bodies (B), that initiate a central projection (C), and that navigate to the DREZ (D) in animals treated with DMSO (n=14), SU6656 (n=20), paclitaxel (n=13), GM6001 (n=18), purvalanol A (n=18), and U0126 (n=20). (E). Images of embryo morphology at 72 hpf following treatment with DMSO, SU6656, paclitaxel, GM6001, purvalanol A, or U0126 starting at 36 hpf (F). Quantification of time of actin

concentrate initiation in animals treated with DMSO, SU6656, and paclitaxel. SEM is shown, n=14 nerves treated with SU6656, n=14 nerves treated with DMSO, n=13 nerves treated with paclitaxel. (G). Histogram of the time of actin concentrate formation in animals treated with DMSO (black), SU6656 (green), and paclitaxel (blue). n=14 nerves treated with SU6656, n=14 nerves treated with DMSO, n=13 nerves treated with paclitaxel. (H). Quantification of duration of actin concentrate in animals treated with DMSO, animals treated with paclitaxel, animals treated with SU6656 whose axons enter the spinal cord, and animals treated with SU6656 whose axons do not enter the spinal cord. SEM is shown, n=6 nerves treated with SU6656 that do not enter the spinal cord, n=9 nerves treated with SU6656 that enter the spinal cord, n=13 nerves treated with paclitaxel, n=14 nerves treated with DMSO. (I). Confocal z-projection images of a Tg(sox10:lifeact-gfp) animal treated at 36 hpf with GM6001, purvalanol A, and U0126. (J). Quantification of axon length in animals treated with paclitaxel or DMSO. Length measured from the point of axon bifurcation in the spinal cord to the cell soma. SEM is shown, n=42 DRG treated with paclitaxel, n=15 DRG treated with DMSO. Angle measured from the point of axon bifurcation in the spinal cord to the cell soma. SEM is shown, n=42 DRG treated with paclitaxel, n=15 DRG treated with DMSO. (K). Quantification of axon angle in animals treated with paclitaxel or DMSO. (L). Confocal zprojection frames taken at 72 hpf of Tg(tnfa:gfp), Tg(sox10:mrfp) zebrafish showing the DRG cell body and axon in animals treated with DMSO, SU6656, and paclitaxel. (M). Quantification of DRG expressing Tg(tnfa:gfp) at 72 hpf in animals treated with DMSO (n=60 DRG), SU6656 (n=118 DRG), and paclitaxel (n=68). SEM is shown. Scale bars denote 0.1 mm in (E) and 10 µm in (I,L). (F,H) use a Tukey's HSD and (J,K) use a Student's *t*-test.



Supplementary Figure 5. DREZ lesions and SU6656 treatment disrupt actinrich invasion component formation and dynamics, related to Figure 7.

(A). Representative intensity profile of Lifeact-GFP expression at the growth cone in animals treated with SU6656 and a lesioned DREZ (black) and animals treated with SU6656 and without a lesioned DREZ (gray). (B). Representative quantification of the distance traveled by the growth cone from the point of initiation through approach to the DREZ and movement anterior in the spinal cord in animals treated with SU6656 and a lesioned DREZ (black) and animals treated with SU6656 without a lesioned DREZ (gray). (C). Quantification of time of initiation of an actin concentrate in wildtype animals (n=10 DRG), lesioned and SU6656 treated animals (n=6 DRG), and non-lesioned and SU6656 treated animals (n=6 DRG), and non-lesioned animals (n=6 DRG), lesioned and SU6656 treated animals (n=6 DRG), and non-lesioned animals (n=6 DRG), lesioned and SU6656 treated animals (n=6 DRG), and non-lesioned animals (n=6 DRG), and non-lesioned animals (n=6 DRG). (E). Quantification of relative intensity of *Tg(gfap:nsfb-mcherry)* at the DREZ in wildtype animals (n=10 DRG), animals treated with SU6656 and a DREZ lesion (n=6 DRG), and animals treated with SU6656 without a DREZ lesion (n=4 DRG) animals. SEM is shown. (C-E) use a Tukey's HSD.

Figure number	Raw Number	Number of Animals Represented in Panel	n value Number of DRG Represented in Panel	Total Number of Animals Assayed	Total Number of DRG Assayed	p-value	Statistical test
1A	Soma-ensheathing glia: 14.46	5	18	5	18		
1B	Pioneer axon: 18.075	5	18	5	18		
		Pre-entry: 1	Pre-entry: 1	Pre-entry: 4	Pre-entry: 16		
1C	Canalia: 2.02	Post-entry: 1	Post-entry: 1	Post-entry: 3	Post-entry: 9		
1D	DREZ: 0	7	25	7	25	<0.0001	Fisher's exact
1E		1	1	4	12		
1F		1	1	4	12		
1G		1	1	4	9		Paired
1H		4	9	4	9	0.0076	Student's
2A		1	1	5	13		
2B		1	1	5	13		
20		c	10	F	10		
2D 2E		5	13	5	13		
2F		4	4	4	16		
	Before: 0.0361						
26	After: 0.0209	4	4	4	16	during vs. after: 0.0398	Tukey's HSD
3A		1	1	4	10		runey 51155
3B		1	1	4	10		
	before: 18.591 during: 2.210					boforove during: 0.0008	
3C	after: 24.519	6	6	4	10	during vs. after: 0.0350	Tukev's HSD
	before: 18.591						
20	during: 2.210	6	c	4	10	before vs. during: <0.0001	Tube 1 cos
3D 3E	ane(: 24.319	1	1	4	10	uuning vs. arter: <0.0001	Tukey's HSD
3F		1	1	4	11		
3G		4	11	4	11		
3H		4	11	4	11		
31		1	1	4	11		
4A		1	1	5	10		
4B		1	1	5	9		
40	non-lesioned: 100	non-lesioned: 5	non-lesioned: 8	non-lesioned: 5	non-lesioned: 8		
40	lesioned: 55.5	wildtype: 3	wildtype: 10	wildtype: 3	wildtype: 12		
		non-lesioned: 5	non-lesioned: 8	non-lesioned: 5	non-lesioned: 8	lesioned vs. non-lesioned: <0.0001	
4D		lesioned: 5	lesioned: 9	lesioned: 5	lesioned: 9	non-lesioned vs. wildtype: 0.1737	Tukey's HSD
45		1	1	Non-lesion: 5	Non-lesion: 10		
40		vildtype: 3	wildtype: 10	wildtype: 3	wildtype: 12		
		non-lesioned: 5	non-lesioned: 8	non-lesioned: 5	non-lesioned: 8	lesioned vs. non-lesioned: 0.0216	
4F		lesioned: 5	lesioned: 9	lesioned: 5	lesioned: 9	non-lesioned vs. wildtype: 0.0158	Tukey's HSD
		wildtype: 3	wildtype: 10	wildtype: 3	wildtype: 12	lesioned vs. non-lesioned: 0.0012	
4G		lesioned: 5	lesioned: 9	lesioned: 5	lesioned: 9	non-lesioned vs. wildtype: 0.4819	Tukey's HSD
		1	1	5	9		
4H		1	-	5	5		
4H 4I		1	1	5	9		
4H 4I		1 DMSO: 1 SU6656: 1	1 DMSO: 1 SU6656: 1	5 DMSO: 4 SU6656: 6	9 DMSO: 14 SU6656: 20		
4H 4I 5A		1 DMSO: 1 SU6656: 1 Paclitaxel: 1	1 DMSO: 1 SU6656: 1 Paclitaxel: 1	5 5 DMSO: 4 SU6656: 6 Paclitaxel: 4	9 DMSO: 14 SU6656: 20 Paclitaxel: 13		
4H 4I 5A		1 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 1	1 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 1	5 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4	9 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14		
4H 4I 5A		DMS0: 1 DMS0: 1 SU6555: 1 Paclitaxel: 1 DMS0: 1 SU6556: 1 Su6556: 1 Su6556: 1	DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Bacitraxel: 1	5 5 5 5 5 5 5 5 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7	DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6656: 20 Paclitaxel: 13		
4H 4I 5A 5B	DM50: 92.9	1 DMS0: 1 SU6555: 1 Paclitaxel: 1 DMS0: 1 SU6555: 1 Paclitaxel: 1 DMS0: 4	1 DMSO: 1 SU6555: 1 Paclitaxel: 1 DMSO: 1 SU6555: 1 Paclitaxel: 1 DMSO: 14	5 DMSO: 4 SU655: 6 Paclitaxel: 4 DMSO: 4 SU655: 6 Paclitaxel: 4 DMSO: 4	DMSO: 14 SU6565: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 DMSO: 14		
4H 4I 5A 5B	DMSQ: 92.9 SU6656: 55	DMS0: 1 DMS0: 1 Paclitaxel: 1 DMS0: 1 SU6556: 1 Paclitaxel: 1 DMS0: 4 SU6556: 6	1 DMSO: 1 SU6655: 1 Paclitaxel: 1 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 14 SU6656: 20	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 DMSO: 4 SU6656: 6	9 DMS0: 14 SU6556: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20		
4H 4I 5A 5B	DMSO: 92.9 SU655: 55 Pacitaxel: 100	DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4	1 DMS0: 1 SU655: 1 Pacitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 1 DMS0: 14 SU6656: 20 Pacitaxel: 13 DMS0: 14 SU6656: 20 Pacitaxel: 13	5 DMSO: 4 SU6656: 6 Paditaxel: 4 DMSO: 4 SU6656: 6 Paditaxel: 4 DMSO: 4 SU6656: 6 Paditaxel: 4 DMSO: 4 SU6656: 6 Paditaxel: 4	9 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6566: 20 Paclitaxel: 13 DMSO: 14 SU6566: 20 Paclitaxel: 13 DMSO: 14 SU6566: 20 Paclitaxel: 13 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6566: 20 Paclitaxel: 13 SU6566: 20 Paclitaxel: 10 SU6566: 20 Paclitaxel: 10 SU6566: 20 SU6566: 20 SU65666: 20 SU6566: 20 SU6566: 20 SU65666: 20 SU6566: 20 SU65666		
4H 4I 5A 5B	DMSO: 92.9 SU6656: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50	DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Puruvalanol A: 4	1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 14 SU6656: 20 Pacitaxel: 13 GM6001: 18 Phyvalan01 A: 18	5 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Purvalanol & 4	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 GMS001: 18 Dmynahoul A: 18		
4H 4I 5A 5B 5C	DMSO: 92.9 SU6656: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7	DMS0: 1 DMS0: 1 Pacifiaxel: 1 DMS0: 1 SU6656: 1 Pacifiaxel: 1 DMS0: 4 SU6656: 6 Pacifiaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 U0126: 4	1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 14 SU6656: 20 Pacitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 U0126: 20	5 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 U0126: 4	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20		
4H 41 5A 5B 5C	DMSO: 92.9 SU6656: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7	DMS0: 1 DMS0: 1 SU6656: 1 Paditaxel: 1 DMS0: 1 SU6656: 1 Paditaxel: 1 DMS0: 4 SU6556: 6 Paditaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMS0: 1 DMS0: 1	1 DMS0: 1 SU6656: 1 PacItaxel: 1 DMS0: 1 SU6656: 1 PacItaxel: 1 DMS0: 1 SU6656: 1 PacItaxel: 1 DMS0: 14 SU6656: 20 PacItaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20	5 DMSO: 4 SU6656: 6 Paditaxel: 4 DMSO: 4 SU6656: 6 Paditaxel: 4 DMSO: 4 SU6656: 6 Paditaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMSO: 48	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20		
4H 41 5A 5B 5C	DMSO: 92.9 SU6555: 55 Pacitaxei: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6556: 1 Paclitaxel: 1 DMS0: 4 SU6556: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 SU6556: 1 Paclitaxel: 4	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMSO: 48 SU6656: 86 Paclitaxel: 50	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20		
4H 41 5A 5B 5C 5D	DMS0: 92.9 SU6556: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 48	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6565: 1 Paclitaxel: 1 DMS0: 14 SU6556: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMSO: 48 SU6656: 86 DMSO: 48	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20		
4H 41 5A 5B 5C 5D	DMSO: 92.9 SU655: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7	DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 6 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4 U0126: 4 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 4 SU6656: 86	1 DMS0: 1 DMS0: 1 SU655: 1 Pacitaxel: 1 DMS0: 1 SU655: 1 Pacitaxel: 1 DMS0: 1 SU655: 20 Pacitaxel: 13 GM6001: 18 Purvalan01 A: 18 U0126: 20	5 DMSO: 4 SU6656: 6 Paditaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 U0126: 4 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86	9 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 SU6565: 20 Paclitaxel: 20 SU6565: 20 SU6565: 20 Paclitaxel: 20 SU6565: 20 S		
4H 41 5A 5B 5C 5D 5E	DMSO: 92.9 SU6556: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7	DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 U0126: 4 U0126: 4 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 48 SU6656: 86 Paclitaxel: 50 DMS0: 48 SU6656: 86 Paclitaxel: 50 DMS0: 48 SU6656: 86 Paclitaxel: 50 DMS0: 48 SU656: 86 Paclitaxel: 50 DMS0: 48 SU6656: 86 Paclitaxel: 50 DMS0: 48 SU6565: 86 Paclitaxel: 50 Paclitaxel: 50 DMS0: 48 SU656: 86 Paclitaxel: 50 DMS0: 48 SU6565: 86 Paclitaxel: 50 Paclitaxel: 5	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalan01 A: 18 U0126: 20	5 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 U0126: 6 Parvalanol A: 4 U0126: 4 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 SU6656: 86 Paclitaxel: 42 SU6656: 86 SU6656: 86	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20		
4H 41 5A 5B 5C 5D 5E	DMSO: 92.9 SU6656: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 4 SU6656: 86 Paclitaxel: 50 DMS0: 48 SU6656: 86	1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 14 SU6656: 20 Pacitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20	5 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Parvalanol A: 4 U0126: 4 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20		One-way
4H 41 5A 5B 5C 5C 5C 5E 5F	DMSO: 92.9 SU6656: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paclitaxel: 51.7	1 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 1 SU6556: 1 Paclitaxel: 1 DMSO: 4 SU6556: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 SU6556: 1 Paclitaxel: 4 GMSO: 1 SU6556: 1 Paclitaxel: 1 DMSO: 2 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 PMS0: 48 SU6655: 85	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 U0126: 6 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 PMSO: 48 SU6656: 86 Paclitaxel: 50 PMSO: 48 SU6656: 86 Paclitaxel: 50 PMSO: 48 SU6656: 86 Paclitaxel: 50	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU656: 20 Paclitaxel: 13 DMS0: 14 SU656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20	<0.0001	One-way ANOVA
4H 41 5A 5B 5C 5C 5D 5E 5F	DMSO: 92.9 SU6556: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6556: 4.5 Pacitaxel: 51.7	1 DMS0: 1 DMS0: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 4 SU6556: 6 Pacitaxel: 4 GM6001: 5 Pacitaxel: 4 U0126: 4 DMS0: 1 SU6556: 1 Pacitaxel: 1 DMS0: 4 SU6556: 86 Pacitaxel: 50 Photoactivated: 1	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6565: 1 Paclitaxel: 1 DMS0: 14 SU6565: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 U0126: 6 DMSO: 48 SU6556: 86 Paclitaxel: 50 Photoactivated: 5	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU656: 20 Paclitaxel: 13 DMS0: 18 Phyralanol A: 18 DMS0: 14 SU656: 20 Phyralanol A: 18 Phyralanol A: 18 Phyrala	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5F 6A	DMSO: 92.9 SU655: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paciltaxel: 51.7	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 48 SU6656: 86 Pacitaxel: 50 Photoactivated: 1 Non-photoactivated: 1 Photoactivated: 5	1 DMS0: 1 DMS0: 1 SU655: 1 Paclitaxel: 1 DMS0: 1 SU655: 1 Paclitaxel: 1 DMS0: 1 SU655: 1 Paclitaxel: 1 DMS0: 14 SU655: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Non-photoactivated: 1 Photoactivated: 1 Photoactivated: 9	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Partiaxel: 4 DMSO: 4 SU6656: 6 Purvalanol A: 4 U0126: 4 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU656: 20 Paclitaxel: 13 DMS0: 14 SU656: 20 Paclitaxel: 13 GM6001: 18 Purvalan01 A: 18 U0126: 20 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5E 5F 6A 6B	DMSO: 92.9 SU655: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paclitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4 DMS0: 1 SU6656: 6 Paclitaxel: 4 DMS0: 4 SU6556: 6 Parvalanol A: 4 U0126: 4 DMS0: 1 SU6556: 1 Paclitaxel: 1 DMS0: 48 SU6656: 86 Paclitaxel: 50 Photoactivated: 1 Non-photoactivated: 1 Photoactivated: 5 Non-photoactivated: 4	1 DMS0: 1 DMS0: 1 SU656: 1 Pacitaxel: 1 DMS0: 1 SU656: 1 Pacitaxel: 1 DMS0: 1 SU656: 1 Pacitaxel: 1 DMS0: 14 SU656: 20 Pacitaxel: 13 GM6001: 18 Purvalan01 A: 18 U0126: 20 Photoactivated: 1 Non-photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 10 DMS0: 1	S DMSO: 4 SU6656: 6 Paditaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Partilaxel: 50 DMSO: 48 SU6656: 86 Pacitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 OMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5C 5D 5F 6A 6B	DMSO: 92.9 SU6656: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paclitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 2 SU6656: 86 Paclitaxel: 5 DMS0: 48 SU6556: 86 Pactoctivated: 1 Non-photoactivated: 1 Photoactivated: 5	1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 20 Pacitaxel: 13 GM6001: 18 Purvalan01 A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 9 Non-photoactivated: 9	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Parvalanol A: 4 U0126: 4 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Photoactivated: 5 Photoactivated: 5	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 GMS001: 18 Purvalan0A: 18 U0126: 20 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9	<0.0001	One-way ANOVA
4H 41 5A 5B 5C 5D 5C 5D 5F 6A 6B 6C	DMSO: 92.9 SU6656: 55 Paciftaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6556: 4.5 Paciftaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Bhotoacativated: 10	1 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 1 SU6556: 1 Pacitaxel: 1 DMSO: 4 SU6556: 6 Pacitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMSO: 1 SU6556: 1 Pacitaxel: 1 DMSO: 2 SU6556: 18 Pacitaxel: 1 DMSO: 48 SU6656: 86 Pacitaxel: 50 DMSO: 48 SU6656: 86 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4	1 DMS0: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 20 Paclitaxel: 1 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9	S DMSO: 4 SU6656: 6 Paclitaxel: 4 OMSO: 4 SU6656: 6 Paclitaxel: 4 U0126: 4 DMSO: 48 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 PMSO: 48 SU6656: 86 Phaclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5C 5C 5C 5C 5C 5C 5C 6A 6B 6C 6D	DMSO: 92.9 SU6556: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6556: 4.5 Pacitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 80 Non-photoactivated: 80	1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6565: 1 Pacitaxel: 1 DMS0: 4 SU6556: 6 Pacitaxel: 4 GM6001: 5 Parvralanol A: 4 U0126: 4 DMS0: 1 SU6556: 10 Pacitaxel: 1 DMS0: 1 SU6556: 86 Pacitaxel: 10 DMS0: 48 SU6555: 86 Pacitaxel: 50 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5	1 1 DMS0: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6565: 1 Paclitaxel: 1 DMS0: 1 SU6565: 20 Paclitaxel: 1 DMS0: 14 SU6565: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 10 Photoa	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 OMSO: 4 SU6556: 6 Paclitaxel: 4 UD126: 4 DMSO: 48 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6556: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU656: 20 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated:	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5F 6A 6B 6C 6D	DMSO: 92.9 SU655: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Pacitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1	1 DMSO: 1 SU6656: 1 Paditaxel: 1 DMSO: 1 SU6656: 1 Paditaxel: 1 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 4 SU6556: 6 Pacitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMSO: 1 SU6656: 18 Paditaxel: 1 DMSO: 48 SU6656: 86 Paditaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5	1 DMS0: 1 DMS0: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 20 Paclitaxel: 1 DMS0: 14 SU6656: 20 Parvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Partitaxel: 4 U0126: 6 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5	9 DMSO: 14 SUG656: 20 Paclitaxel: 13 DMSO: 14 SUG656: 20 Paclitaxel: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 Non-photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5E 5F 6A 6B 6C 6D 6E	DMSO: 92.9 SU655: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paclitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 6 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4 DMS0: 4 SU6556: 6 Partitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 48 SU6656: 86 Paclitaxel: 50 Photoactivated: 1 Non-photoactivated: 1 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5	1 DMSO: 1 DMSO: 1 DMSO: 1 SUG656: 1 Pacitaxel: 1 DMSO: 1 SUG656: 1 Pacitaxel: 1 DMSO: 1 SUG656: 1 Pacitaxel: 1 DMSO: 14 SUG656: 20 Pacitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10	S DMSO: 4 SU6656: 6 Paditaxel: 4 DMSO: 4 SU6656: 6 Pacitaxel: 4 DMSO: 4 SU6656: 6 Pacitaxel: 4 DMSO: 4 SU6656: 6 Pacitaxel: 4 DMSO: 4 SU6656: 6 Partiaxel: 4 DMSO: 48 SU6656: 86 Pacitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4	9 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 DMSO: 14 SU6556: 20 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 1	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5E 5F 6A 6B 6C 6D 6E 6F 6C	DMSO: 92.9 SU655: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paclitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1	1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 4 SU6656: 6 Pacitaxel: 4 DMS0: 1 SU6656: 6 Pacitaxel: 1 DMS0: 4 SU6656: 6 Pacitaxel: 4 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6656: 86 Pacitaxel: 50 DMS0: 48 SU6656: 86 Pactavel: 50 Non-photoactivated: 1 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 1 1	1 DMSO: 1 SUG656: 1 Pacitaxel: 1 DMSO: 1 SUG656: 1 Pacitaxel: 1 DMSO: 1 SUG656: 1 Pacitaxel: 1 DMSO: 14 SUG656: 20 Pacitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Non-photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10	5 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 5 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Pactitaxel: 50 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 5 Non-photoa	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 9	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5E 5F 6A 6B 6C 6D 6E 6F 6G	DMSO: 92.9 SU6556: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Pacitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1	1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6556: 1 Pacitaxel: 1 DMS0: 4 SU6556: 6 Pacitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMS0: 1 SU6556: 10 Pacitaxel: 1 DMS0: 1 SU6556: 10 Pacitaxel: 1 DMS0: 1 SU6556: 86 Pacitaxel: 1 DMS0: 48 SU6556: 86 Pacitaxel: 50 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 <td>1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 14 SU6565: 20 Paclitaxel: 13 GM500: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Non-photoactivated: 10 Non-photoactivated: 10 2 1 Non-leisoned: 1</td> <td>S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Partiaxel: 4 DMSO: 4 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4</td> <td>9 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 Purvalanol A: 18 U0126: 20 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 No</td> <td><0.0001</td> <td>One-way ANOVA</td>	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 14 SU6565: 20 Paclitaxel: 13 GM500: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Non-photoactivated: 10 Non-photoactivated: 10 2 1 Non-leisoned: 1	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Partiaxel: 4 DMSO: 4 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Photoactivated: 5 Non-photoactivated: 4	9 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 Purvalanol A: 18 U0126: 20 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 No	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5C 5C 5C 5C 5C 5C 5C 6A 6B 6C 6B 6C 6C 6C 6C 6C 6C 7A	DMSO: 92.9 SU6556: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6556: 4.5 Pacitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1	1 DMSO: 1 SU6656: 1 Paciitaxel: 1 DMSO: 1 SU6565: 1 Paciitaxel: 1 DMSO: 4 SU6556: 6 Paciitaxel: 4 GM6001: 5 Parvralanol A: 4 U0126: 4 DMSO: 1 SU6556: 1 Pacitaxel: 1 DMSO: 1 SU6556: 86 Pacitaxel: 50 DMSO: 48 SU6555: 86 Pacitaxel: 50 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 1	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6556: 1 Paclitaxel: 1 DMS0: 14 SU6556: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 OMSO: 4 SU6556: 6 Partitaxel: 4 OMSO: 48 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6556: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5	9 9 DMS0: 14 50/656: 20 Paclitaxel: 13 0MS0: 14 SU656: 20 Paclitaxel: 13 DMS0: 14 50/656: 20 Paclitaxel: 13 0MS0: 14 SU656: 20 Paclitaxel: 13 DMS0: 14 50/656: 20 Paclitaxel: 13 0MS0: 14 SU656: 20 Paclitaxel: 13 DMS0: 14 SU656: 20 Paclitaxel: 13 0More 118 Purvalanol A: 18 00126: 20 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 19 15 Non-lesioned: 9 Lesioned: 12	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5E 5F 6A 6B 6C 6D 6E 6F 6G 7A	DMSO: 92.9 SU655: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Pacitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1 SU6656 and lesion: 100	1 DMS0: 1 SU6656: 1 Paditaxel: 1 DMS0: 1 SU6656: 1 Paditaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 4 SU6556: 6 Pacitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMS0: 1 SU6656: 18 Paditaxel: 1 DMS0: 48 SU6656: 86 Paditaxel: 50 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-lesioned: 1 Le	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 2 1 SU6656 and lesion: 12	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Partitaxel: 4 DMSO: 4 SU6656: 6 Partitaxel: 4 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4	9 DMS0: 14 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 9 Non-photoactivated: 10 19 15 SU6656 and lesion: 12	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5C 5D 5E 6A 6B 6C 6D 6E 6F 6G 7A	DMSO: 92.9 SU6656: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paclitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1 SU6656 and lesion: 100 SU6656 and non-lesion: 55.5 SU6656: 55	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 6 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 4 DMS0: 4 SU6556: 6 Partitaxel: 4 DMS0: 4 SU6656: 1 Paclitaxel: 1 DMS0: 48 SU6656: 86 Paclitaxel: 50 Photoactivated: 1 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 1 SU6656 and lesion: 6 SU6656 and lesion: 6 SU6656 and lesion: 6 SU6656 and lesion: 6	1 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 14 SU6556: 20 Pacitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Non-photoactivated: 1 Photoactivated: 1 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 2 1 Non-photoactivated: 11 Lesioned: 1 SU6655 and lesion: 12 SU6655 and lesion: 9	S DMSO: 4 SU6656: 6 Paditaxel: 4 DMSO: 4 SU6656: 6 Paditaxel: 4 DMSO: 4 SU6656: 6 Pacitaxel: 4 DMSO: 4 SU6656: 6 Pacitaxel: 4 DMSO: 4 SU6656: 6 Partiaxel: 4 OMSO: 48 SU6656: 86 Pacitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 10 7 Non-photoactivated: 4 SU6656 and lesion: 6 SU6655 and lesion: 6 SU6655 and lesion: 6	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6565: 20 Paclitaxel: 13 DMS0: 14 SU6565: 20 Paclitaxel: 13 DMS0: 18 Purvalanol A: 18 U0126: 20 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 19 15 SU6656 and lesion: 12 SU6655 and lesion: 12 SU6655 and lesion: 9	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5E 6A 6B 6C 6D 6E 6G 7A 78	DMSO: 92.9 SU6656: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paclitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1 SU6656 and lesion: 100 SU6656 and non-lesion: 55.5 SU6656: 55 SU6656: 55	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 6 Paclitaxel: 1 DMS0: 4 SU6656: 6 Paclitaxel: 1 DMS0: 4 SU656: 6 Partiaxel: 1 DMS0: 1 SU6556: 1 Paclitaxel: 1 DMS0: 1 SU6656: 86 Paclitaxel: 50 Photoactivated: 1 Non-photoactivated: 1 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 SU6656: 6 SU6656: 6 SU6656: 6 SU6656: 5 SU6656: 5 SU6565: 5	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 14 SU6556: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 SU6555 1 Non-lexioned: 1 SU6555: 20 DMS0: 14	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 48 SU6556: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 SU6656: 6 SU6656: 5 SU6656: 5 SU6656: 5 SU6656: 5 SU656	9 DMS0: 14 SU6656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 10 SU6556 and lesion: 12 SU66556: 20 DMS0: 14	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5F 6A 6B 6C 6D 6E 6F 6G 7A 7B	DMSO: 92.9 SU6556: 55 Paciltaxel: 100 GM601: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6556: 4.5 Paciltaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1 SU6656 and lesion: 100 SU6656 and non-lesion: 55.5 SU6656: 55 DMSO: 92.9 DMSO and non-lesion: 83	1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6556: 1 Pacitaxel: 1 DMS0: 4 SU6556: 6 Pacitaxel: 1 DMS0: 4 SU6556: 6 Pacitaxel: 4 U0126: 4 DMS0: 1 SU6556: 10 Pacitaxel: 1 DMS0: 1 SU6556: 10 Pacitaxel: 1 DMS0: 48 SU6556: 86 Pacitaxel: 50 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 1 1 1 SU6556: 6 SU6565: 6 SU6556: 6 SU6556: 6 SU6556: 6 SU6556: 6	1 DMS0: 1 SU6656: 1 Paciltaxel: 1 DMS0: 1 SU6565: 1 Paciltaxel: 1 DMS0: 1 SU6565: 0 Pacitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 SU6565: and non-lesione: 11 Lesioned: 1 SU6656: 20 SU6555: 20 DMSO and non-lesion: 12 SU6655: 214 DMSO and non-lesion: 30	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Partitaxel: 4 DMSO: 48 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6556: 86 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 SU6556 and lesion: 6 SU6655 and n	9 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 DMSO: 14 SUG656: 20 Paciitaxel: 13 Purvalanol A: 18 U0126: 20 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 SU6565 and lesion: 12 SU6565 and non-lesion: 9 SU6555: 20 DMSO: 14 DMSO and non-lesion: 30	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5F 6A 6B 6C 6B 6C 6D 6E 6F 6G 7A 7B	DMSO: 92.9 SU6556: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6556: 4.5 Pacitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1 SU6656 and lesion: 100 SU6656 and non-lesion: 55.5 SU6656: 55 DMSO and non-lesion: 83 SU6656 and non-lesion: 83 SU6656 and non-lesion: 32	1 DMS0: 1 DMS0: 1 SU6656: 1 Paditaxel: 1 DMS0: 1 SU6656: 1 Paditaxel: 1 DMS0: 1 SU6656: 1 Paditaxel: 1 DMS0: 4 SU6656: 6 Paditaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMS0: 1 SU6656: 1 Paditaxel: 1 DMS0: 48 SU6656: 86 Paditaxel: 50 DMS0: 48 SU6656: 86 Paditaxel: 50 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 1 SU6565 and non-lesion: 6 SU6565 and non-lesion: 6 SU6565 and non-lesion: 6 SU6565 and non-lesion:	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6556: 1 Paclitaxel: 1 DMS0: 1 SU6556: 1 Paclitaxel: 1 DMS0: 14 SU6556: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Non-photoactivated: 1 Photoactivated: 1 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 10 SU6556: and non-lesion: 20 SU6556: and non-lesion: 9 SU6556: and non-lesion: 30 SU6556: and non-lesion: 30 SU6556: and non-lesion: 30 SU6556: and non-lesion: 30	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Paclitaxel: 4 U0126: 6 DMSO: 48 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6556: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 SU6556 and lesion: 6 SU6555 and non-lesion: 6 SU6556 and non-lesion: 6 </td <td>9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9</td> <td><0.0001</td> <0.0001	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5E 6A 6B 6C 6D 6E 6G 7A 7B 7C 7D	DMSO: 92.9 SU6556: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Pacitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1 SU6656 and lesion: 100 SU6656 and non-lesion: 55.5 DMSO: 92.9 DMSO and non-lesion: 83 SU6656 and non-lesion: 83 SU6656 and non-lesion: 32 SU6656 and nesion: 66	1 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 4 SU6556: 6 Paclitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 3 SU6656: 86 Pacitaxel: 50 DMSO: 48 SU6556: 86 Pacitaxel: 50 Photoactivated: 1 Non-photoactivated: 4 Photoactivated: 5 SU6556 and non-lesion: 6 SU6555 and non-lesion: 6 SU6555 and n	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6565: 1 Paclitaxel: 1 DMS0: 14 SU6556: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 SU6556 and non-lesion: 20 2 1 SU6555 and non-lesion: 9 SU6555 and non-lesion: 30 SU6555 and non-lesion: 30 SU6555 and non-lesion: 30	S DMSO: 4 SU6656: 6 Paclitaxel: 4 U0126: 4 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6556: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 SU6656: and non-lesion: 6 SU6656: and non-lesion: 6 SU6656: 5 DMSO: 4 DMSO: 4 <td>9 DMS0: 14 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 SU6556 and non-lesion: 12 SU6556 and non-lesion: 12 SU6556 and non-lesion: 30 SU6556 and non-lesion: 30 SU6556 and non-lesion: 30 SU6556 and non-lesion: 30</td> <td><0.0001</td> <td>One-way ANOVA</td>	9 DMS0: 14 DMS0: 14 SU6656: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20 Paclitaxel: 13 DMS0: 14 SU6556: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 SU6556 and non-lesion: 12 SU6556 and non-lesion: 12 SU6556 and non-lesion: 30 SU6556 and non-lesion: 30 SU6556 and non-lesion: 30 SU6556 and non-lesion: 30	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5E 6A 6B 6C 6D 6E 6F 6F 6G 7A 7B 7D	DMSO: 92.9 SU6656: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paciltaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1 SU6656 and lesion: 100 SU6656 and lesion: 55.5 DMSO: 92.9 DMSO and non-lesion: 83 SU6656 and lesion: 66	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 4 SU6556: 6 Paclitaxel: 4 OMS0: 1 SU6556: 6 Partiaxel: 4 OMS0: 1 SU6556: 1 Pacitaxel: 1 DMS0: 48 SU6556: 86 Pacitaxel: 50 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 1 Non-photoactivated: 4 1 SU6656: and lesion: 6 SU6656: Sole and non-lesion: 6 SU6656: Sole and non-lesion: 6 SU6656: Sole and non-lesion: 6	1 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 14 SU6656: 20 Pacitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 2 1 SU6656: and lesion: 12 SU6656: and non-lesion: 9 SU6656: and non-lesion: 30 SU6656: and lesion: 28	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Partitaxel: 4 DMSO: 4 SU6656: 6 Partitaxel: 4 U0126: 4 DMSO: 48 SU6656: 86 Pacitaxel: 50 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated:	9 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 SU6565 and lesion: 12 SU6556 and non-lesion: 30 SU6656 and non-lesion: 30 SU6656 and lesion: 28	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5C 5D 5C 5C 5D 5C 5C 5D 5C 6A 6B 6C 6G 6G 6G 7A 7D 7D	DMSO: 92.9 SU6556: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6556: 4.5 Pacitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1 SU6656 and lesion: 100 SU6656 and lesion: 55.5 DMSO: 92.9 DMSO and non-lesion: 83 SU6656 and lesion: 66	1 DMS0: 1 SU6656: 1 Paditaxel: 1 DMS0: 4 SU6656: 6 Partiaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMS0: 1 SU6656: 1 Paditaxel: 1 DMS0: 48 SU6556: 86 Pacitaxel: 50 DMS0: 48 SU6556: 86 Photoactivated: 1 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 SU6656 and non-lesion: 6 SU6655 and non-lesion: 6 SU6656 and non-lesion: 6 SU6656 and lesion: 6 <	1 DMS0: 1 DMS0: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6565: 1 Pacitaxel: 1 DMS0: 1 SU6556: 20 Pacitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Non-photoactivated: 1 Photoactivated: 1 Photoactivated: 10 SU6565 and lesion: 12 SU6556 and non-lesion: 30 SU6556 and lesion: 28	S DMSO: 4 SU6656: 6 Paclitaxel: 4 U0126: 4 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6656: 86 Paclitaxel: 50 DMSO: 48 SU6556: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 SU6656: and non-lesion: 6 SU6656: and non-lesion: 6 SU6656: 5 DMSO: 4 SU6656: 5 DMSO: 4 SU6656: 5 DMSO: 4 DMSO and non-lesion: 6	9 DMSO: 14 SUGE56: 20 Paclitaxel: 13 DMSO: 18 Phyrolaol A: 18 U0126: 20 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 SUGE56: and lesion: 12 SUGE56: and non-lesion: 30 SUGE56: and lesion: 28 SUGE56: and lesion	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5E 5F 6A 6B 6C 6D 6E 6F 6G 7A 7B 7C 7D	DMSO: 92.9 SU6556: 55 Pacitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paciltaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1 SU6656 and lesion: 100 SU6656 and non-lesion: 55.5 DMSO: 92.9 DMSO and non-lesion: 83 SU6656 and lesion: 66	1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 4 SU6556: 6 Partiaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMS0: 1 SU6656: 10 Pacitaxel: 1 DMS0: 48 SU6656: 86 Pacitaxel: 50 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 1 1 SU6656: and lesion: 6 SU6656: Solo and non-lesion: 6 SU6656: Solo and non-lesion: 6 SU6656: C DMSO: 4 DMSO: 4 DMSO: 4 DMSO: 4 DMSO: 4 SU6656: and non-lesi	1 DMS0: 1 DMS0: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 1 SU6656: 20 Paclitaxel: 1 DMS0: 14 SU6656: 20 Parvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 10 Photoactivated: 10 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 10 SU6556 and non-lesion: 9 SU6656 and non-lesion: 9 SU6656 and non-lesion: 30 SU6656 and lesion: 28 Supplem 1	S DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6656: 6 Partitaxel: 4 DMSO: 4 SU6656: 6 Partitaxel: 4 U0126: 4 DMSO: 48 SU6656: 86 Pacitaxel: 50 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 5 DMSO: 4 <	9 PMSO: 14 SUG656: 20 Paclitaxel: 13 DMSO: 14 SUG656: 20 Paclitaxel: 13 DMSO: 14 SUG656: 20 Paclitaxel: 13 DMSO: 14 SUG656: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 SU6565 and lesion: 12 SU6565 and non-lesion: 30 SU6656 and lesion: 28 9	<0.0001	One-way ANOVA
4H 4I 5A 5B 5C 5D 5C 5D 5E 5F 6A 6B 6C 6D 6E 6G 6G 7A 7B 7C 7D 51A 51B	DMSO: 92.9 SU6656: 55 Paclitaxel: 100 GM6001: 33.3 Purvalanol A: 50 U0126: 66.7 DMSO: 32.8 SU6656: 4.5 Paclitaxel: 51.7 Photoacativated: 80 Non-photoactivated: 11.1 Photoacativated: 80 Non-photoactivated: 11.1 SU6656 and lesion: 100 SU6656 and non-lesion: 55.5 DMSO: 92.9 DMSO and non-lesion: 83 SU6656 and lesion: 32 SU6656 and lesion: 66	1 DMSO: 1 SUG656: 1 Pacitaxel: 1 DMSO: 1 SUG656: 1 Pacitaxel: 1 DMSO: 4 SUG656: 6 Pacitaxel: 4 GM6001: 5 Purvalanol A: 4 U0126: 4 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 1 SU6565: 1 Pacitaxel: 1 DMSO: 1 SU6565: 86 Pacitaxel: 50 DMSO: 48 SU6656: 86 Photoactivated: 1 Photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 5 Non-photoactivated: 4 1 Non-tesioned: 1 Lesioned: 1 SU6656: 5 SU6656: 6 SU6656: 6 Photoactivated: 5 Non-photoactivated: 4 1 Non-photoactivated: 5 SU6656: 5 > DMSO: 4 SU6656: 6 </td <td>1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6565: 1 Pacitaxel: 1 DMS0: 14 SU6565: 20 Pacitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 SU6556: 20 DMSO: 14 DMSO: 14 DMSO: 14 DMSO: 14 DMSO: 14 DMSO: 14 SU6556 and lesion: 28 Supplem 1 1 1 1 1 1 1 1 1 1 1</td> <td>S DMSO: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Partitaxel: 4 UD126: 4 DMSO: 48 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6556: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 10 7 Non-photoactivated: 5 SU6656 and non-lesion: 6 SU6656 and non-lesion:</td> <td>9 9 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 SU6556: 20 DMSO: 14 DMSO: 14 DMSO: 214 DMSO: 30 SU6556: and non-lesion: 30 SU6556 and lesion: 12 SU6556 and non-lesion: 30 SU6556 and lesion: 30 SU6556 and lesion: 28 SU6556 and lesion: 28</td> <td></td> <td>One-way ANOVA</td>	1 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 1 SU6565: 1 Pacitaxel: 1 DMS0: 14 SU6565: 20 Pacitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Photoactivated: 1 Photoactivated: 1 Photoactivated: 1 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 SU6556: 20 DMSO: 14 DMSO: 14 DMSO: 14 DMSO: 14 DMSO: 14 DMSO: 14 SU6556 and lesion: 28 Supplem 1 1 1 1 1 1 1 1 1 1 1	S DMSO: 4 DMSO: 4 SU6656: 6 Paclitaxel: 4 DMSO: 4 SU6556: 6 Partitaxel: 4 UD126: 4 DMSO: 48 SU6556: 86 Paclitaxel: 50 DMSO: 48 SU6556: 86 Paclitaxel: 50 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 Photoactivated: 5 Non-photoactivated: 4 10 7 Non-photoactivated: 5 SU6656 and non-lesion: 6 SU6656 and non-lesion:	9 9 DMSO: 14 SU6656: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 DMSO: 14 SU6565: 20 Paclitaxel: 13 GM6001: 18 Purvalanol A: 18 U0126: 20 Non-photoactivated: 10 Photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 Non-photoactivated: 10 Photoactivated: 9 SU6556: 20 DMSO: 14 DMSO: 14 DMSO: 214 DMSO: 30 SU6556: and non-lesion: 30 SU6556 and lesion: 12 SU6556 and non-lesion: 30 SU6556 and lesion: 30 SU6556 and lesion: 28 SU6556 and lesion: 28		One-way ANOVA

S24		Retraction hulb: 1	Retraction hulb: 1	Retraction bulb: 6	Retraction hulb: 6	1	
S2B		1	1	3	7		
\$20		2	7	3	7		
520	Refore: 1 59	5	,	3	,		
	During: 1.33					Poforova during: 0.0129	
630	After 1 11	2	7	2	7	Deference offer: 0.0011	Tubeule LICD
32D	Arter: 1.11	-	-	5	/	before vs. after: 0.0011	тикеу с пор
S2E		5	5	6	20		
	Before: 0.582						
	During: 0.544						One-way
S2F	After: 0.517	3	5	6	20	0.7742	ANOVA
S3A		1	1	5	10		
S3B		1	1	5	10		
\$30		1	1	7	14		
550	Non locionad: 100	Non lociopod: F	Non locionad: 9	Non locionad: E	Non locionad: 9		
620	Noti-lesioned. 100	Non-lesioned. 5	Non-lesioned. 8	holi-lesioned. 5	Non-lesioned. 8		
330	Lesioned: 100	Lesioneu: 5	Lesioned: 9	Lesioneu: 5	Lesioned: 9		
		Non-lesion: 2	Non-lesion: 2	Non-lesion: 5	Non-lesion: 10		
S3E		Lesion: 3	Lesion: 3	Lesion: 5	Lesion: 10		
		DMSO: 4	DMSO: 14	DMSO: 4	DMSO: 14		
		SU6656: 6	SU6656: 20	SU6656: 6	SU6656: 20		
S4A		Paclitaxel: 4	Paclitaxel: 13	Paclitaxel: 4	Paclitaxel: 13		
	DMSO: 100	DMSO: 4	DMSO: 14	DMSO: 4	DMSO: 14		
	SU6656: 100	SU6656: 6	SU6656: 20	SU6656: 6	SU6656: 20		
	Paclitaxel: 100	Paclitavel: 4	Paclitaxel: 13	Paclitavel: 4	Paclitaxel: 13		
	GM6001: 100	GM6001:5	GM6001:18	GM6001:5	GM6001:18		
	Duppelanel A: 100	Dupuelenel A: 4	Dunulanal A: 10	Dupuelenel A: 4	Dunulanal A. 10		
	Purvalanoi A: 100		Purvalanoi A: 18	Purvalanoi A: 4	Purvalanoi A: 18		
S4B	00126:100	00126:4	00126:20	00126:4	00126:20		
	DMSO: 93.3	DMSO: 4	DMSO: 14	DMSO: 4	DMSO: 14		
	SU6656: 100	SU6656: 6	SU6656: 20	SU6656: 6	SU6656: 20		
	Paclitaxel: 93.3	Paclitaxel: 4	Paclitaxel: 13	Paclitaxel: 4	Paclitaxel: 13		
	GM6001: 100	GM6001: 5	GM6001: 18	GM6001: 5	GM6001:18		
	Purvalanol A: 100	Purvalanol A: 4	Purvalanol A: 18	Purvalanol A: 4	Purvalanol A: 18		
54C	110126:95.8	10126:4	10126:20	110126:4	10126:20		
340	DM(C): 02 2	DMSO: 4	DMSO: 14	DMSO: 4	DMSO: 14		
	DW30. 53.5	SUCCEC: C	SUCCEC: 20	SUCCEC: C	516656.20		
	306656: 100	500050.0	506656: 20	500050.0	500050: 20		
	Paclitaxel: 93.3	Paclitaxel: 4	Paclitaxel: 13	Paclitaxel: 4	Paclitaxel: 13		
	GM6001: 100	GM6001: 5	GM6001: 18	GM6001: 5	GM6001: 18		
	Purvalanol A: 100	Purvalanol A: 4	Purvalanol A: 18	Purvalanol A: 4	Purvalanol A: 18		
S4D	U0126: 95.8	U0126: 4	U0126: 20	U0126: 4	U0126: 20		
	DMSO: 100	DMSO: 1		DMSO: 8			
	SU6656: 100	SU6656: 1	1	SU6656: 8			
	Paclitaxel: 100	Paclitaxel: 1		Paclitaxel: 7			
	GM6001: 100	GM6001:1		GM6001: 7			
	Rupping A: 97 F	Rungland A: 1		Rupyalapol A: 8			
645	Purvaiditor A: 67.5			Purvalantion A: 6			
S4E	00126: 100	00126:1		00126:8			
	DMSO: 96.33	DMSO: 4	DMSO: 14	DMSO: 4	DMSO: 14		
	SU6656: 162.4	SU6656: 6	SU6656: 14	SU6656: 6	SU6656: 14	DMSO vs. SU6656: 0.0298	
S4F	Paclitaxel: 62.69	Paclitaxel: 4	Paclitaxel: 13	Paclitaxel: 4	Paclitaxel: 13	SU6656 vs. Paclitaxel: 0.0385	Tukey's HSD
	DMSO: 96.33	DMSO: 4	DMSO: 14	DMSO: 4	DMSO: 14		
	SU6656: 162.4	SU6656: 6	SU6656: 14	SU6656: 6	SU6656: 14		
S4G	Paclitaxel: 62.69	Paclitaxel: 4	Paclitaxel: 13	Paclitaxel: 4	Paclitaxel: 13		
	DMSO: 33.4	DMSO: 4	DMSO: 14	DMSO: 4	DMSO: 14	DMSO vs. paclitaxel: 0.0001	
	SU6656 without entry: 12	SU6656 without entry: 6	SU6656 without entry: 6	SU6656 without entry: 6	SU6656 without entry: 6	DMSO vs. SU6656 without entry: 0.1404	
	SU6656 with entry: 42.67	SU6656 with entry: 6	SU6656 with entry: 9	SU6656 with entry: 6	SU6656 with entry: 9	SU6656 without entry vs. SU6656 with entry:	
S4H	Paclitaxel: 65	Paclitaxel: 4	Paclitaxel: 13	Paclitaxel: 4	Paclitavel: 13	0.0012	Tukey's HSD
5411	r deiteaxet. 05	GM6001-1	GM6001:1	GM6001: F	CMC001.19	0.0011	ancy s Hou
		GIVI0001: 1	GIVI0001: 1				
		Duninland A.1	Durusland A. 1	Busuelanel A: 4	Givibuut: 18		
S4I		Purvalanol A: 1	Purvalanol A: 1	Purvalanol A: 4	Purvalanol A: 18		
		Purvalanol A: 1 U0126: 1	Purvalanol A: 1 U0126: 1	Purvalanol A: 4 U0126: 4	Purvalanol A: 18 U0126: 20		
	DMSO: 21.06	Purvalanol A: 1 U0126: 1 DMSO: 4	Purvalanol A: 1 U0126: 1 DMSO: 15	Purvalanol A: 4 U0126: 4 DMSO: 4	Purvalanol A: 18 U0126: 20 DMSO: 15		Student's t-
S4J	DMSO: 21.06 Paclitaxel: 16.28	Purvalanol A: 1 U0126: 1 DMSO: 4 Paclitaxel: 9	Purvalanol A: 1 U0126: 1 DMSO: 15 Paclitaxel: 42	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9	Purvalanol A: 18 U0126: 20 DMSO: 15 Paclitaxel: 42	0.0004	Student's t- test
S4J	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28	Purvalanol A: 1 U0126: 1 DMSO: 4 Paclitaxel: 9 DMSO: 4	Purvalanol A: 1 U0126: 1 DMSO: 15 Paclitaxel: 42 DMSO: 15	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4	BWIBOUT: 18 Purvalanol A: 18 U0126: 20 DMSO: 15 Paclitaxel: 42 DMSO: 15	0.0004	Student's t- test Student's t-
54J <u>54K</u>	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72	Purvalanol A: 1 U0126: 1 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42	U0120: 4 U0126: 4 DMS0: 4 Paclitaxel: 9 DMS0: 4	BMB001:18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 15	0.0004	Student's t- test Student's t- test
S4J S4K	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72	Purvalanol A: 1 U0126: 1 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 1	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 1	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15	BM6001:18 Purvalanol A: 18 U0126: 20 DMSO: 15 Paclitaxel: 42 DMSO: 15 Paclitaxel: 42 DMSO: 60	0.0004	Student's t- test Student's t- test
54J 54K	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72	Purvalanol A: 1 U0126: 1 DMSO: 4 Pacifitaxel: 9 DMSO: 4 Pacifitaxel: 9 DMSO: 1 SU6656: 1	Purvalanol A: 1 U0126: 1 DMSO: 15 Paclitaxel: 42 DMSO: 15 Paclitaxel: 42 DMSO: 1 SU6656: 1	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15 SU6656: 30	GWB001: 18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 60 SU6656: 118	0.0004	Student's t- test Student's t- test
S4J S4K	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72	Purvalanol A: 1 U0126: 1 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 1 SU6565: 1 Paclitaxel: 1	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 1 SU6556: 1 Paclitaxel: 1	Purvalanol A: 4 U0126: 4 DMS0: 4 Paclitaxel: 9 DMS0: 4 Paclitaxel: 9 DMS0: 15 SU6656: 30 Paclitaxel: 17	Unideol 1: 18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 60 SU6556: 118 Paclitaxel: 68	0.0004	Student's t- test Student's t- test
S4J S4K S4L	DMSO: 21.06 Pacilitaxel: 16.28 DMSO: 11.28 Pacilitaxel: 18.72	Purvalanol A: 1 U0126: 1 DMSO: 4 Pacitaxel: 9 DMSO: 4 Pacitaxel: 9 DMSO: 4 Pacitaxel: 9 DMSO: 1 SU656: 1 Pacitaxel: 1 DMSO: 15	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 60	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15 SU6656: 30 Paclitaxel: 17 DMSO: 15	GWB001:18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 60 SU6656: 118 Paclitaxel: 68 DMS0: 60	0.0004	Student's t- test Student's t- test
S4J S4K S4L	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100	Purvalanol A: 1 U0126: 1 DMSO: 4 Paclitaxel: 9 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 15 SU656: 30	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 60 SU6565: 118	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15 SU6656: 30 Paclitaxel: 17 DMSO: 15 SU656: 20	Unideol 1: 18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 60 SU6656: 118 Paclitaxel: 68 DMS0: 60 SU656: 118	0.0004 0.027	Student's t- test Student's t- test
S4J S4K S4L	DMSO: 21.06 Pacílitaxel: 16.28 DMSO: 11.28 Pacílitaxel: 18.72 DMSO: 100 SU6656: 51.7 Decilitaxel: 100	Purvalanol A: 1 U0126: 1 DMSD: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSD: 1 SU6656: 1 Paclitaxel: 1 DMSO: 15 SU6656: 30 DMSD: 47 Zucharaki: 47	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 60 SU6656: 118 DMS0: 60	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 6 Paclitaxel: 9 DMSO: 15 SU6656: 30 Paclitaxel: 17 DMSO: 15 SU6556: 30 Paclitaxel: 47	GWB001: 18 Purvalan0 A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 60 SU6656: 118 Paclitaxel: 68 DMS0: 60 SU6656: 118 Paclitaxel: 68	0.0004	Student's t- test Student's t- test
S4J S4K S4L S4M	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100	Purvalanol A: 1 U0126: 1 DMSO: 4 Pacitaxel: 9 DMSO: 4 Pacitaxel: 9 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 15 SU6656: 30 Pacitaxel: 17	Purvalanol A: 1 U0126: 1 DMS0: 15 Pacittaxel: 42 DMS0: 15 Pacitaxel: 42 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 60 SU6656: 118 Pacitaxel: 68	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15 SU6656: 30 Paclitaxel: 17 DMSO: 15 SU6656: 30 Paclitaxel: 17	UNIBOUT: 18 Purvalanol A: 18 U0126: 20 DMSO: 15 Paclitaxel: 42 DMSO: 15 Paclitaxel: 42 DMSO: 60 SU6656: 118 Paclitaxel: 68 DMSO: 60 SU6656: 118 Paclitaxel: 68	0.0004	Student's t- test Student's t- test
S4J S4K S4L S4M	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100	Purvalanol A: 1 U0126: 1 DMSO: 4 Paclitaxel: 9 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 1	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 1 SU6556: 1 Paclitaxel: 1 DMS0: 60 SU6556: 118 Paclitaxel: 68 Non-lesioned: 1	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15 SU6656: 30 Paclitaxel: 17 DMSO: 15 SU6556: 30 Paclitaxel: 17 Non-lesioned: 6	GWB001:18 Purvalan01 A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 50 SU6556: 118 Paclitaxel: 68 DMS0: 60 SU6556: 118 Paclitaxel: 68 Non-lesioned: 9	0.0004	Student's t- test Student's t- test
S4J S4K S4L S4M S5A	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100	Purvalanol A: 1 U0126: 1 DMSO: 4 Pacitaxel: 9 DMSO: 4 Pacitaxel: 9 DMSO: 1 SU6556: 1 Pacitaxel: 1 DMSO: 15 SU6556: 30 Pacitaxel: 17 Non-lesioned: 1 Lesioned: 1	Purvalanol A: 1 U0126: 1 DMS0: 15 Pacifitaxel: 42 DMS0: 15 Pacifitaxel: 42 DMS0: 1 SU6656: 1 Pacifitaxel: 1 DMS0: 60 SU6656: 118 Pacifitaxel: 68 Non-lesioned: 1 Lesioned: 1	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 5 SU6656: 30 Paclitaxel: 17 DMSO: 15 SU6656: 30 Paclitaxel: 17 NMSO: 15 SU6656: 30 Paclitaxel: 17 NMSO: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6	GWB001:18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 16 SU6656: 118 Paclitaxel: 68 DMS0: 60 SU6656: 118 Paclitaxel: 68 NMS0: 60 SU6656: 118 Paclitaxel: 68 Non-lesioned: 9 Lesioned: 12	0.0004	Student's t- test Student's t- test
S4J S4K S4L S4M S5A	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100	Purvalanol A: 1 U0126: 1 DMSO: 4 Paclitaxel: 9 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 1 Lesioned: 1 On-lesioned: 1	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 1 SU6656: 1 Paclitaxel: 2 DMS0: 60 SU6656: 118 Paclitaxel: 1 DMS0: 60 SU6656: 118 Paclitaxel: 68 Non-lesioned: 1 Lesioned: 1	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15 SU6656: 30 Paclitaxel: 17 DMSO: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6 Non-lesioned: 6	UNIBOUT: 18 Purvalanol A: 18 U0126: 20 DMSD: 15 Paclitaxet: 42 DMSD: 15 Paclitaxet: 42 DMSD: 15 Paclitaxet: 42 DMSD: 60 SU6556: 118 PAclitaxet: 68 DMSD: 60 SU6556: 118 PAclitaxet: 68 Non-lesioned: 9 Lesioned: 9	0.0004	Student's t- test Student's t- test
S4J S4K S4L S4M S5A S5B	DMSO: 21.06 Pacíltaxel: 16.28 DMSO: 11.28 Pacíltaxel: 18.72 DMSO: 100 SU6656: 51.7 Pacíltaxel: 100	Purvalanol A: 1 U0126: 1 DMSO: 4 Pacitaxel: 9 DMSO: 4 Pacitaxel: 9 DMSO: 1 SU656: 1 Pacitaxel: 10 DMSO: 15 SU656: 30 Pacitaxel: 17 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1	Purvalanol A: 1 U0126: 1 DMSO: 15 Paclitaxel: 42 DMSO: 15 Paclitaxel: 42 DMSO: 1 SU6565: 1 Paclitaxel: 42 DMSO: 60 SU6565: 118 Paclitaxel: 68 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1	Partvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 6 Paclitaxel: 9 DMSO: 15 SU6656: 30 Paclitaxel: 17 DMSO: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6 Lesioned: 6 Lesioned: 6	GWB001:18 Purvalan01A:18 U0126:20 DMS0:15 Paclitaxel:42 DMS0:60 SU6656:118 Paclitaxel:68 DMS0:60 SU6656:118 Paclitaxel:68 DMS0:60 SU6656:118 Paclitaxel:68 Non-lesioned:9 Lesioned:12 Lesioned:12	0.0004	Student's t- test Student's t- test
S4J S4K S4L S4M S5A S5B	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100 Lesioned: 0.202	Purvalanol A: 1 U0126: 1 DMSO: 4 Pacitaxel: 9 DMSO: 4 Pacitaxel: 9 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 15 SU6656: 30 Pacitaxel: 17 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 6	Purvalanol A: 1 U0126: 1 DMS0: 15 Pacittaxel: 42 DMS0: 15 Pacitaxel: 42 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 60 SU6656: 118 Pacitaxel: 68 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 6	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 5 SU6656: 30 Paclitaxel: 17 DMSO: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6 Lesioned: 6	UNIBOLT: 18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paditaxel: 42 DMS0: 15 Paditaxel: 42 DMS0: 60 SU6656: 118 Paditaxel: 68 DMS0: 60 SU6656: 118 Paditaxel: 68 Non-lesioned: 9 Lesioned: 12 Lesioned: 12	0.0004	Student's t- test Student's t- test
S4J S4K S4L S4M S5A S5B	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100 Lesioned: 0.202 Non-lesioned: 0.530	Purvalanol A: 1 U0126: 1 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 1 SU656: 1 Paclitaxel: 17 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 1 SU6556: 1 Paclitaxel: 42 DMS0: 60 SU6556: 118 Paclitaxel: 1 DMS0: 60 SU6656: 118 Paclitaxel: 68 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4	Purvalanol A: 4 U0126: 4 DMSC: 4 Paclitaxel: 9 DMSC: 4 Paclitaxel: 9 DMSC: 15 SU6556: 30 Paclitaxel: 17 DMSC: 15 SU6556: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6 Lesion	GWBOUT: 18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 60 SU6556: 118 Paclitaxel: 42 DMS0: 60 SU6556: 118 Paclitaxel: 68 DMS0: 60 SU6556: 118 Paclitaxel: 68 Non-lesioned: 9 Lesioned: 12 Lesioned: 12 Lesioned: 12 Lesioned: 9	0.0004	Student's t- test Student's t- test
S4J S4K S4L S4M S5A S5B S5C	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100 Lesioned: 0.202 Non-lesioned: 0.530	Purvalanol A: 1 U0126: 1 DMSO: 4 Pacifitaxel: 9 DMSO: 4 Pacifitaxel: 9 DMSO: 1 SU6556: 1 Pacifitaxel: 1 DMSO: 15 SU6556: 30 Pacifitaxel: 17 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4 Non-lesioned: 4 Non-lesioned: 4 Lesioned: 3 Lesioned: 3 Lesioned: 4 Lesioned: 4 Lesioned: 3 Lesioned: 4 Lesioned: 4 Lesioned: 4 Lesioned: 3 Lesioned: 4 Lesioned: 3 Lesioned: 4 Lesioned:	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 60 SU6656: 118 Paclitaxel: 68 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Non-lesioned: 1 Lesioned: 1	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 5 SU6656: 30 Paclitaxel: 17 DMSO: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6 Lesioned: 6 Lesioned: 6 Lesioned: 6 Non-lesioned: 6 Lesioned: 6 Non-lesioned: 6 Lesioned: 6	UNIBOUT: 18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 50 SU6656: 118 Paclitaxel: 68 DMS0: 60 SU6656: 118 Paclitaxel: 68 Non-lesioned: 9 Lesioned: 12 Lesioned: 12 Lesioned: 12 Lesioned: 12 Non-lesioned: 9 Utilatyee: 10	0.0004	Student's t- test Student's t- test One-way ANDVA
S4J S4K S4L S4M S5A S5B S5C	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100 Lesioned: 0.202 Non-lesioned: 0.530 Wildtype: 0.435 Lesionet: 0.202	Purvalanol A: 1 U0126: 1 DMSO: 4 Paclitaxel: 9 DMSO: 1 SU6656: 1 Paclitaxel: 1 DMSO: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4 Wildtype: 3 Lesioned: 6 Non-lesioned: 4	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 15 SU6656: 1 Paclitaxel: 42 DMS0: 0 SU6656: 118 Paclitaxel: 1 DMS0: 60 SU6656: 118 Paclitaxel: 68 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4 Wildtype: 10 Lesioned: 4	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15 SU6555: 30 Paclitaxel: 97 DMSO: 15 SU6556: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6 Lesioned: 6 Wildtype: 3 Lesioned: 6 Wildtype: 3 Lesioned: 6	UNIBOUT: 18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 60 SU6656: 118 Paclitaxel: 68 DMS0: 60 SU6656: 118 Paclitaxel: 68 Non-lesioned: 9 Lesioned: 12 Lesioned: 12 Non-lesioned: 9 Usioned: 12 Non-lesioned: 9 Usioned: 12 Non-lesioned: 9 Sufficient Statements Sufficient Statements Suff	0.0004	Student's t- test Student's t- test One-way ANDVA
S4J S4K S4L S4M S5A S5B S5C	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100 Lesioned: 0.202 Non-lesioned: 0.530 Wildtype: 0.435 Lesioned: 0.520 Disclassinget: 0.520	Purvalanol A: 1 U0126: 1 DMSO: 4 Pacitaxel: 9 DMSO: 4 Pacitaxel: 9 DMSO: 1 SU656: 1 Pacitaxel: 1 DMSO: 1 SU656: 30 Pacitaxel: 17 DMSO: 15 SU656: 30 Pacitaxel: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4 Wildtype: 3 Lesioned: 6 Non-lesioned: 6	Purvalanol A: 1 U0126: 1 DMS0: 15 Pacifiaxel: 42 DMS0: 15 Pacifiaxel: 42 DMS0: 1 SU6656: 1 Pacifiaxel: 1 DMS0: 60 SU6556: 118 Pacifiaxel: 18 Pacifiaxel: 68 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4 Wildtype: 10 Lesioned: 6 Non-lesioned: 6	Purvalanol 2: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 5 SU6565: 30 Paclitaxel: 17 DMSO: 15 SU6565: 30 Paclitaxel: 17 DMSO: 15 SU6555: 30 Paclitaxel: 17 DMSO: 15 SU6555: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned:	Gwiedol': 18 Purvalanol A: 18 U0126: 20 DMSO: 15 Paclitaxel: 42 DMSO: 15 Paclitaxel: 42 DMSO: 60 SU6655: 118 Paclitaxel: 68 DMSO: 60 SU6655: 118 Paclitaxel: 68 Non-lesioned: 9 Lesioned: 12 Lesioned: 12 Lesioned	0.0004 0.027 0.027 0.45	Student's t- test Student's t- test One-way ANOVA
S4J S4K S4L S4L S4M S5A S5B S5C	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6565: 51.7 Paclitaxel: 100 Lesioned: 0.202 Non-lesioned: 0.530 Wildtype: 0.435 Lesioned: 0.202 Non-lesioned: 0.530	Purvalanol A: 1 U0126: 1 DMSO: 4 Pacitaxel: 9 DMSO: 4 Pacitaxel: 9 DMSO: 1 SU6656: 1 Pacitaxel: 1 DMSO: 15 SU6656: 30 Pacitaxel: 17 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 6 Non-lesioned: 4 Wildtype: 3 Lesioned: 6 Non-lesioned: 7 Non-lesioned: 7 Non-l	Purvalanol A: 1 U0126: 1 DMS0: 15 Pacittaxel: 42 DMS0: 15 Pacittaxel: 42 DMS0: 1 SU6656: 1 Pacitaxel: 1 DMS0: 60 SU6656: 118 Pacitaxel: 68 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 6 Non-lesioned: 4 Wildtype: 10 Lesioned: 8 Non-lesioned: 9 Non-lesioned: 9 Non-lesioned: 1 Non-lesioned: 1 Lesioned: 1 DMS0: 12 DMS0: 12 D	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15 SU6565: 30 Paclitaxel: 17 DMSO: 15 SU6565: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6 Lesioned: 6 Non-lesioned: 7 Non-lesioned: 7	UNIBOUT: 18 Purvalanol A: 18 U0126: 20 DMSD: 15 Paclitaxel: 42 DMSD: 15 Paclitaxel: 42 DMSD: 15 Paclitaxel: 42 DMSD: 60 SU6556: 118 PAclitaxel: 68 DMSD: 60 SU6556: 118 PAclitaxel: 68 Non-lesioned: 9 Lesioned: 12 Non-lesioned: 9 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned:	0.0004 0.027 0.027 0.027 0.027 0.027 0.027 0.027 0.027 0.027 0.027 0.027 0.027 0.027 0.027 0.027	Student's t- test Student's t- test One-way ANOVA
S4J S4K S4L S4M S5A S5B S5C S5D	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100 Lesioned: 0.202 Non-lesioned: 0.530 Wildtype: 0.435 Lesioned: 0.530 Wildtype: 0.435	Purvalanol A: 1 U0126: 1 DMSO: 4 Pacitaxel: 9 DMSO: 4 Pacitaxel: 9 DMSO: 1 SU656: 1 Pacitaxel: 10 DMSO: 15 SU656: 30 Pacitaxel: 17 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4 Wildtype: 3 Lesioned: 6 Non-lesioned: 6 Wildtype: 3 Lesioned: 7 Lesioned: 7 Lesioned:	Purvalanol A: 1 U0126: 1 DMS0: 15 Paciftaxei: 42 DMS0: 15 Paciftaxei: 42 DMS0: 1 SU6656: 1 Paciftaxei: 1 DMS0: 60 SU6656: 118 Paciftaxei: 68 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4 Wildtype: 10 Lesioned: 6 Wildtype: 10	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15 SU6656: 30 Paclitaxel: 9 Paclitaxel: 9 DMSO: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6 Lesioned: 6 Lesioned: 6 Wildtype: 3 Lesioned: 6 Lesioned: 6 Wildtype: 3 Lesioned: 6 Lesioned: 6 Wildtype: 3 Lesioned: 6 Lesioned: 6 Wildtype: 3 Lesioned: 6 Wildtype: 3 Lesioned: 6 Lesioned: 6 Wildtype: 3 Lesioned: 6 Lesioned: 6 Wildtype: 3 Lesioned: 6 Lesioned: 6 Lesio	Gwidou'i 18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paclitaxel: 42 DMS0: 50 Su6555: 118 Paclitaxel: 42 DMS0: 60 Su6555: 118 Paclitaxel: 68 Non-lesioned: 9 Lesioned: 12 Lesioned: 12 Lesioned: 12 Lesioned: 12 Unon-lesioned: 9 Wildtype: 10 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 9 Wildtype: 10 Lesioned: 9 Vildtype:	0.0004 0.027 0.027 0.45 0.45 Lesioned vs. Wildtype: 0.0107 Non-lesioned vs. Wildtype: 0.2681	Student's t- test Student's t- test One-way ANOVA Tukey's HSD
S4J S4K S4L S4M S5A S5B S5C S5D	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100 Lesioned: 0.202 Non-lesioned: 0.530 Wildtype: 0.435 Lesioned: 0.202 Non-lesioned: 0.530 Wildtype: 0.435 Lesionet: 0.202	Purvalanol A: 1 U0126: 1 DMSO: 4 Paciltaxel: 9 DMSO: 4 Paciltaxel: 9 DMSO: 1 SU6656: 1 Paciltaxel: 1 DMSO: 15 SU6656: 30 Paciltaxel: 17 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 6 Non-lesioned: 4 Wildtype: 3 Lesioned: 6 Non-lesioned: 7 Non-lesioned: 6 Non-lesioned: 7 Non-lesioned: 6 Non-lesioned: 7 Non-lesioned: 7 Non-lesioned: 7 Non-lesioned: 7 N	Purvalanol A: 1 U0126: 1 DMS0: 15 Paclitaxel: 42 DMS0: 15 Paclitaxel: 42 DMS0: 1 SU6656: 1 Paclitaxel: 1 DMS0: 60 SU6656: 118 Paclitaxel: 68 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 6 Non-lesioned: 4 Wildtype: 10 Lesioned: 8 Non-lesioned: 6 Non-lesioned: 4 Wildtype: 10 Lesioned: 6	Purvalanol A: 4 U0126: 4 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 4 Paclitaxel: 9 DMSO: 15 SU6656: 30 Paclitaxel: 17 DMSO: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6 Non-lesioned: 6 Non-l	UNIBOLT: 18 Purvalanol A: 18 U0126: 20 DMS0: 15 Paditaxel: 42 DMS0: 15 Paditaxel: 42 DMS0: 60 SU6656: 118 Paditaxel: 68 DMS0: 60 SU6656: 118 Paditaxel: 68 Non-lesioned: 9 Lesioned: 12 Non-lesioned: 9 Lesioned: 12 Non-lesioned: 9 Lesioned: 12 Non-lesioned: 9 Uidtype: 10 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 12 Non-lesioned: 9 Lesioned: 12 Non-lesioned: 9 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 12	0.0004 0.027 0.027 0.45 0.45 Lesioned vs. Wildtype: 0.0107 Non-lesioned vs. Wildtype: 0.2681	Student's t- test Student's t- test One-way ANOVA Tukey's HSD
S4J S4K S4L S4M S5A S5B S5C S5D	DMSO: 21.06 Paclitaxel: 16.28 DMSO: 11.28 Paclitaxel: 18.72 DMSO: 100 SU6656: 51.7 Paclitaxel: 100 Lesioned: 0.202 Non-lesioned: 0.530 Wildtype: 0.435 Lesioned: 0.202 Non-lesioned: 0.530 Wildtype: 0.435 Lesioned: 0.202 Non-lesioned: 0.202 Non-lesioned: 0.202 Non-lesioned: 0.202	Purvalanol A: 1 U0126: 1 DMSO: 4 Paciftaxel: 9 DMSO: 4 Paciftaxel: 9 DMSO: 1 SU6656: 1 Paciftaxel: 1 DMSO: 15 SU6656: 30 Paciftaxel: 17 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4 Wildtype: 3 Lesioned: 6 Non-lesioned: 6 Wildtype: 3 Lesioned: 6 Non-lesioned: 6 Wildtype: 3 Lesioned: 6 Non-lesioned: 6 Wildtype: 3 Lesioned: 6 Non-lesioned: 6 Wildtype: 3 Lesioned: 6 Non-lesioned: 6 Won-lesioned: 6 Non-lesioned: 6	Purvalanol A: 1 U0126: 1 DMSO: 15 Paclitaxel: 42 DMSO: 15 Paclitaxel: 42 DMSO: 1 SU6656: 1 Paclitaxel: 42 DMSO: 60 SU6656: 118 Paclitaxel: 68 Non-lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 1 Lesioned: 4 Wildtype: 10 Lesioned: 6 Non-lesioned: 6 Wildtype: 10 Lesioned: 6 Non-lesioned: 6 Wildtype: 10 Lesioned: 6 Non-lesioned: 6 Wildtype: 10 Lesioned: 6 Non-lesioned: 6 Wildtype: 10 Lesioned: 6 Non-lesioned: 6 Non-lesioned: 4 Non-lesioned: 4 Non-les	Purvalanol A: 4 U0126: 4 DMSC: 4 Paclitaxel: 9 DMSC: 4 Paclitaxel: 9 DMSC: 15 SU6656: 30 Paclitaxel: 9 DMSC: 15 SU6656: 30 Paclitaxel: 17 DMSC: 15 SU6656: 30 Paclitaxel: 17 Non-lesioned: 6 Lesioned: 6 Non-lesioned: 6 Wildtype: 3 Lesioned: 6 Wildtype: 3 Lesioned: 6 Wildtype: 3 Lesioned: 6 Non-lesioned: 6	Gwiedol': 18 Purvalanol A: 18 U0126: 20 DMSO: 15 Paclitaxel: 42 DMSO: 50 Sachitaxel: 42 DMSO: 60 SU6565: 118 Paclitaxel: 68 DMSO: 60 SU6565: 118 Paclitaxel: 68 Non-lesioned: 9 Lesioned: 12 Non-lesioned: 9 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 9 Wildtype: 10 Lesioned: 9 Wildtype: 10 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 9 Wildtype: 10 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 9 Wildtype: 10 Lesioned: 9 Wildtype: 10 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 12 Non-lesioned: 9 Wildtype: 10 Lesioned: 9 Wil	0.0004 0.027 0.020	Student's t- test Student's t- test One-way ANOVA Tukey's HSD

Supplementary Table 1. Summary of statistical analysis.