

**Re: UVB-induced tumors data for statistical analysis**

1 message

**Yuqing Yang (Anne)** <yangampm@gmail.com>  
To: Davit Sargsyan <sargdavid@gmail.com>

Wed, Jan 3, 2018 at 2:50 PM

Dear Davit,

Please see attached the log of the volume per tumor per mouse.

Thanks,  
Anne

On Wed, Jan 3, 2018 at 2:44 PM, Yuqing Yang (Anne) <[yy217@scarletmail.rutgers.edu](mailto:yy217@scarletmail.rutgers.edu)> wrote:  
Dear Davit,

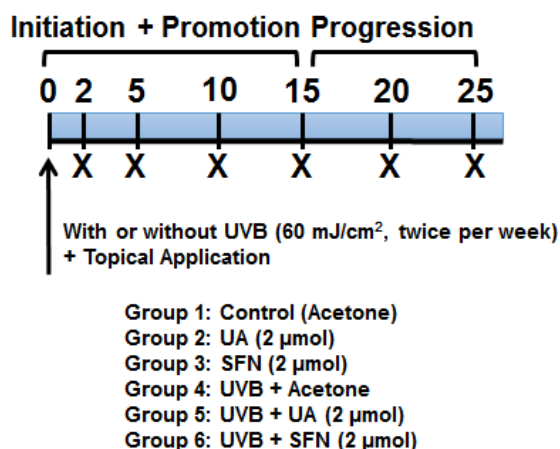
Please see the attached organized data on UVB-induced tumor number/volume. And few graphics are below to show the experimental design and time points.

A brief summary of a few potential questions that we are interested in,

- 1) whether the treatment groups could reduce and delay the tumor incidence, number, and volume by comparing "UVB+UA" to "UVB only", and "UVB+SFN" to "UVB only"
- 2) whether there are significant differences at different periods of treatment (e.g., among the first 15 weeks and after) from the treatment groups (UVB+UA and UVB+SFN) to the model group (UVB only)
- 3) and whether there are significant differences per timepoint among groups and etc.

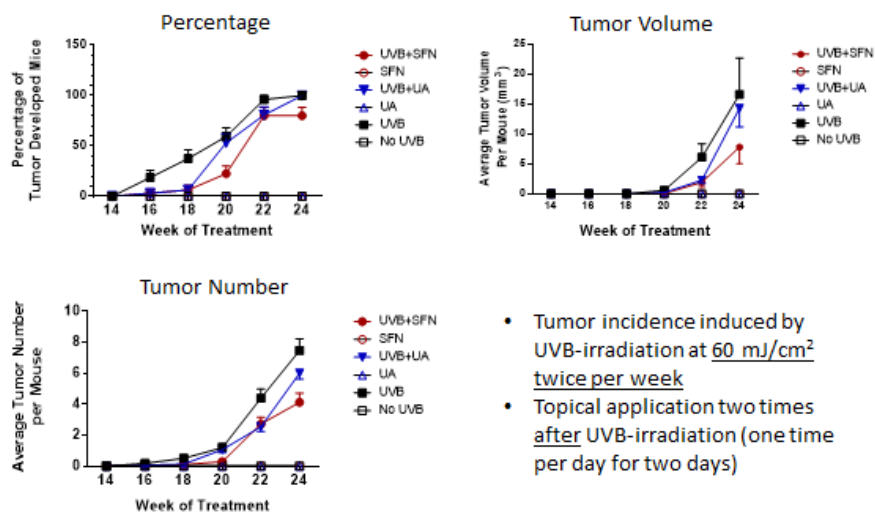
Thank you so much. Please let me know if further info is needed.

Sincerely,  
Anne



# Number of mice

Final Version	UVB 60 mJ/cm <sup>2</sup>					
Duration of Treatment	2-wk	5-wk	10-wk	15-wk	20-wk	25-wk
No UVB	2	4	4	4	4	6
UVB only	2	6	6	6	6	26
UA only	2	4	4	4	4	6
UA + UVB	2	6	6	6	6	26
SFN only	2	4	4	4	4	6
SFN + UVB	2	6	6	6	6	26
Total per time point	12	30	30	30	30	96



- Tumor incidence induced by UVB-irradiation at 60 mJ/cm<sup>2</sup> twice per week
- Topical application two times after UVB-irradiation (one time per day for two days)

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 **UB16-6 Tumor size log\_Rev.xlsx**  
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