Supplementary Figure S2

TITLE: Physical properties of the tunic in the pinkish-brown salp *Pegea confoederata* (Tunicata: Thaliacea)
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Reflectance of 589-nm light on the nipple array models arranged in the grid pattern and honeycomb pattern

In the cone model, the reflectance was smaller on the grid pattern than the reflectance on the honeycomb pattern in the most range of the incident angle, and the difference between the patterns was very small found (< 0.003 points for TE wave and < 0.002 points for TM wave).
In the pillar model, the reflectance was smaller on the honeycomb pattern than the reflectance on the grid pattern in the most range of the incident angle, and the difference between the patterns was less than 0.04 points for TE wave and less than 0.01 points for TM wave.
Two-tier

Solid line: TE wave
Broken line: TM wave
Blue: grid pattern
Purple: honeycomb pattern

In the two-tier model, the reflectance of honeycomb pattern was often smaller than the reflectance on the grid pattern, and the difference was less than 0.02 points for TE wave and less than 0.01 points for TM wave.