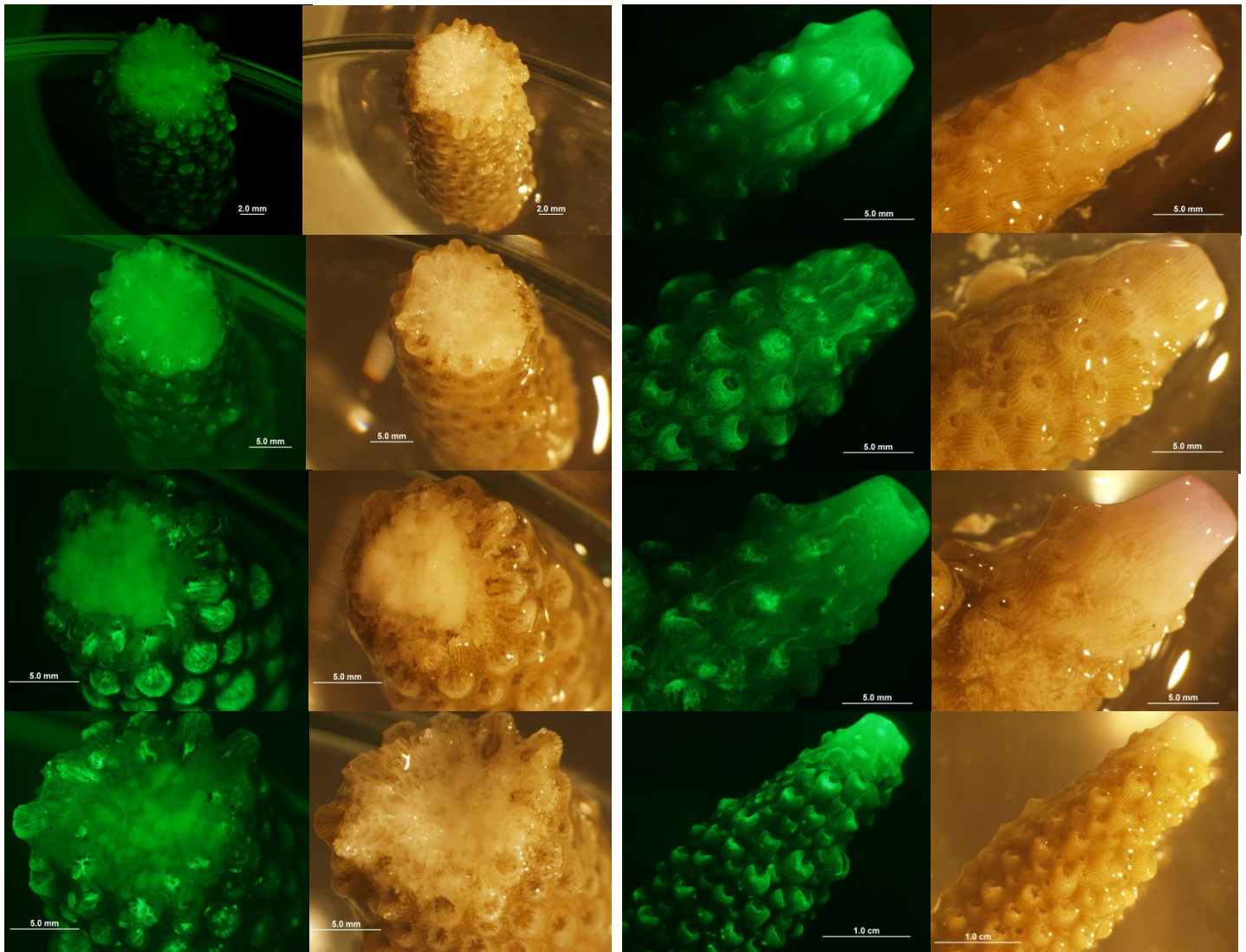


# STEREOSCOPIC MICROSCOPY SUPPLEMENTARY MICROGRAPHS

## Day 2 Controls:

Cut

Uncu

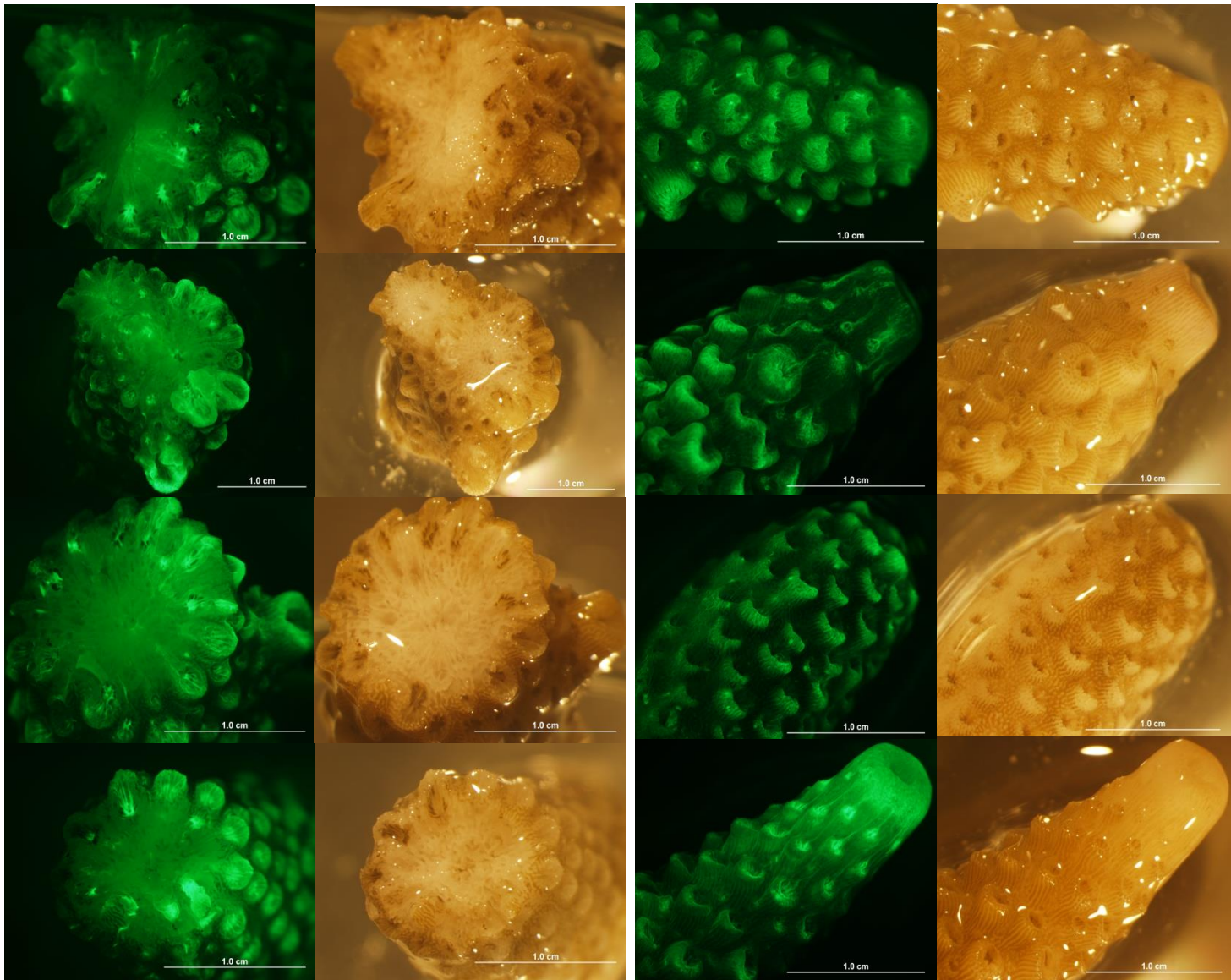


**Figure 1.** Stereoscopic microscopy images of cut (left) and non-cut (right) apical tips held under controlled seawater conditions (~ 25°C), day 2.

## Day 2 Treatments

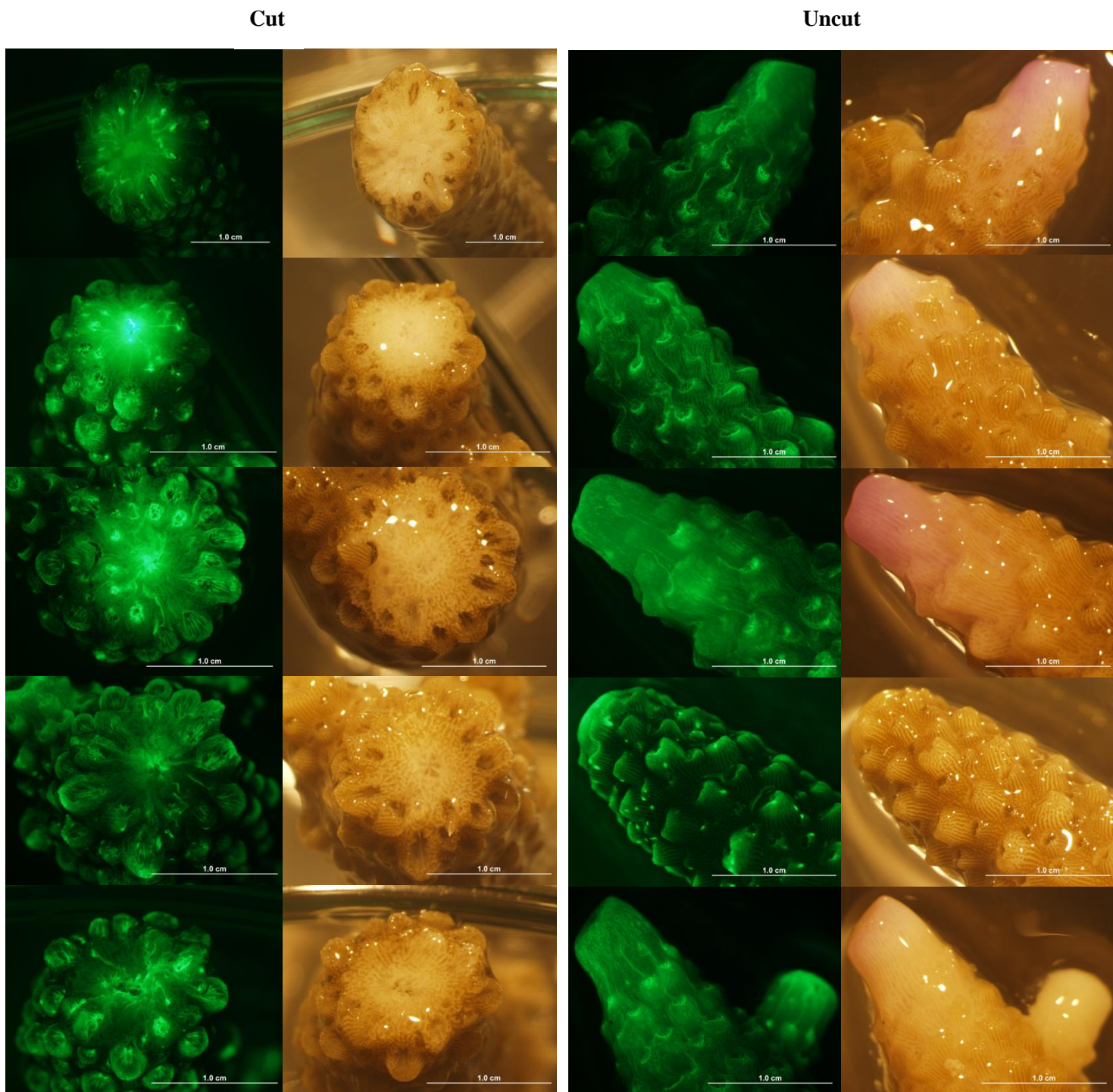
Cut

Uncut



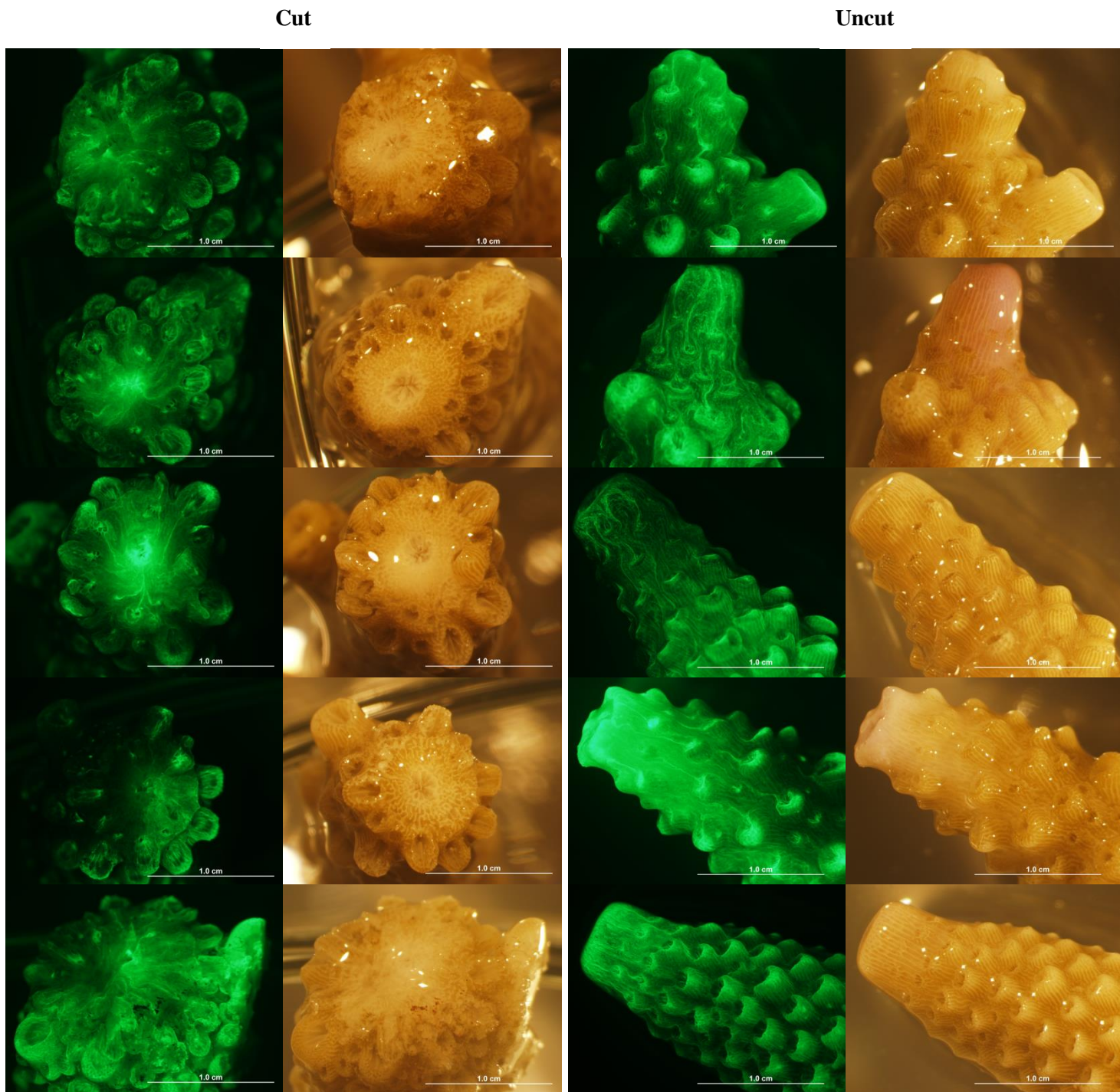
**Figure 2.** Stereoscopic microscopy images of cut (left) and non-cut (right) apical tips held under treated seawater conditions (~ 32°C), day 2.

**Day 4 Controls:**



**Figure 3.** Stereoscopic microscopy images of cut (left) and non-cut (right) apical tips held under control seawater conditions (~ 25°C), day 4.

**Day 4 Treatments:**

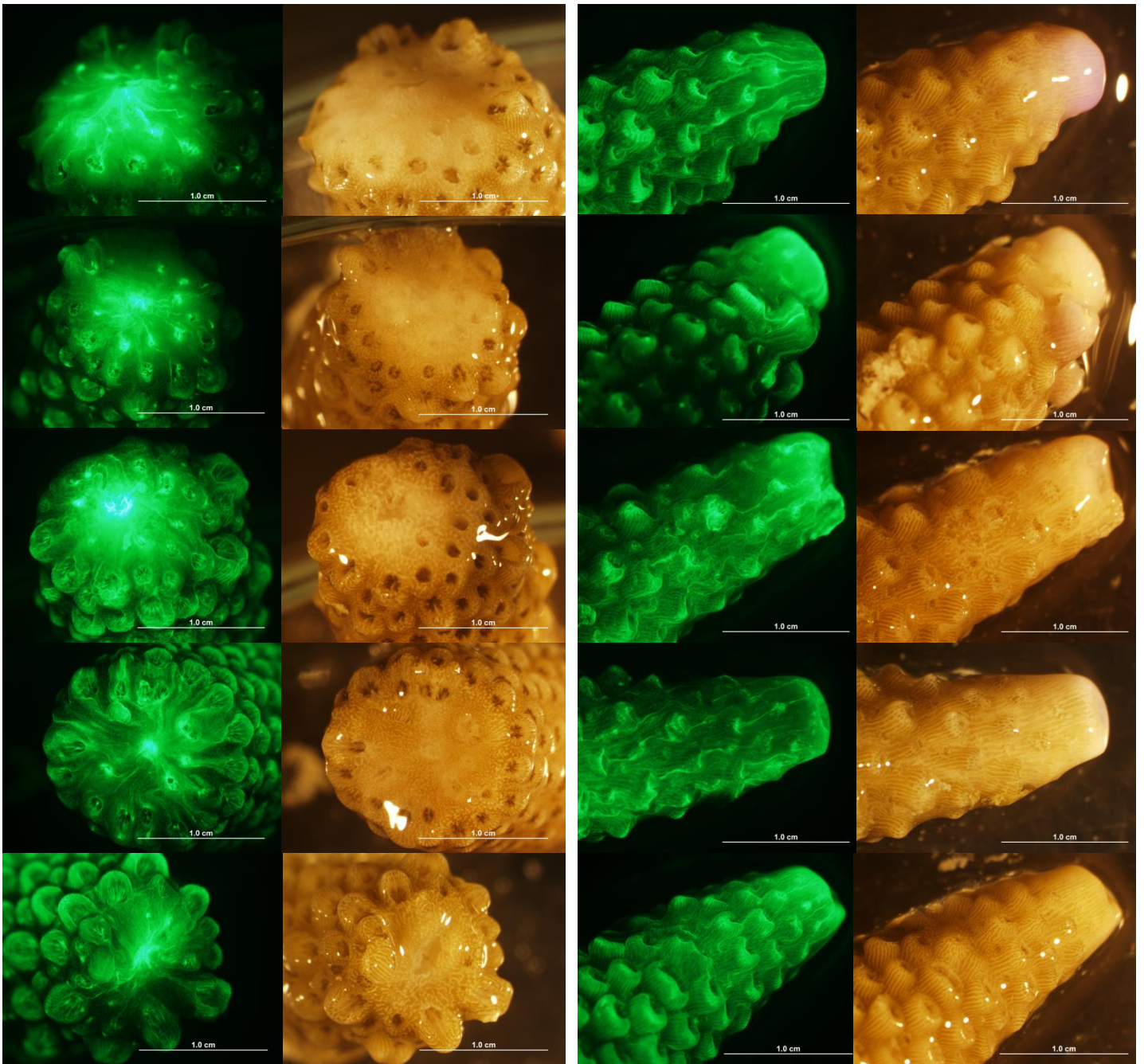


**Figure 4.** Stereoscopic microscopy images of cut (left) and non-cut (right) apical tips held under temperature-treated seawater conditions (~ 32°C), day 4.

**Day 6 Controls:**

**Cut**

**Uncut**

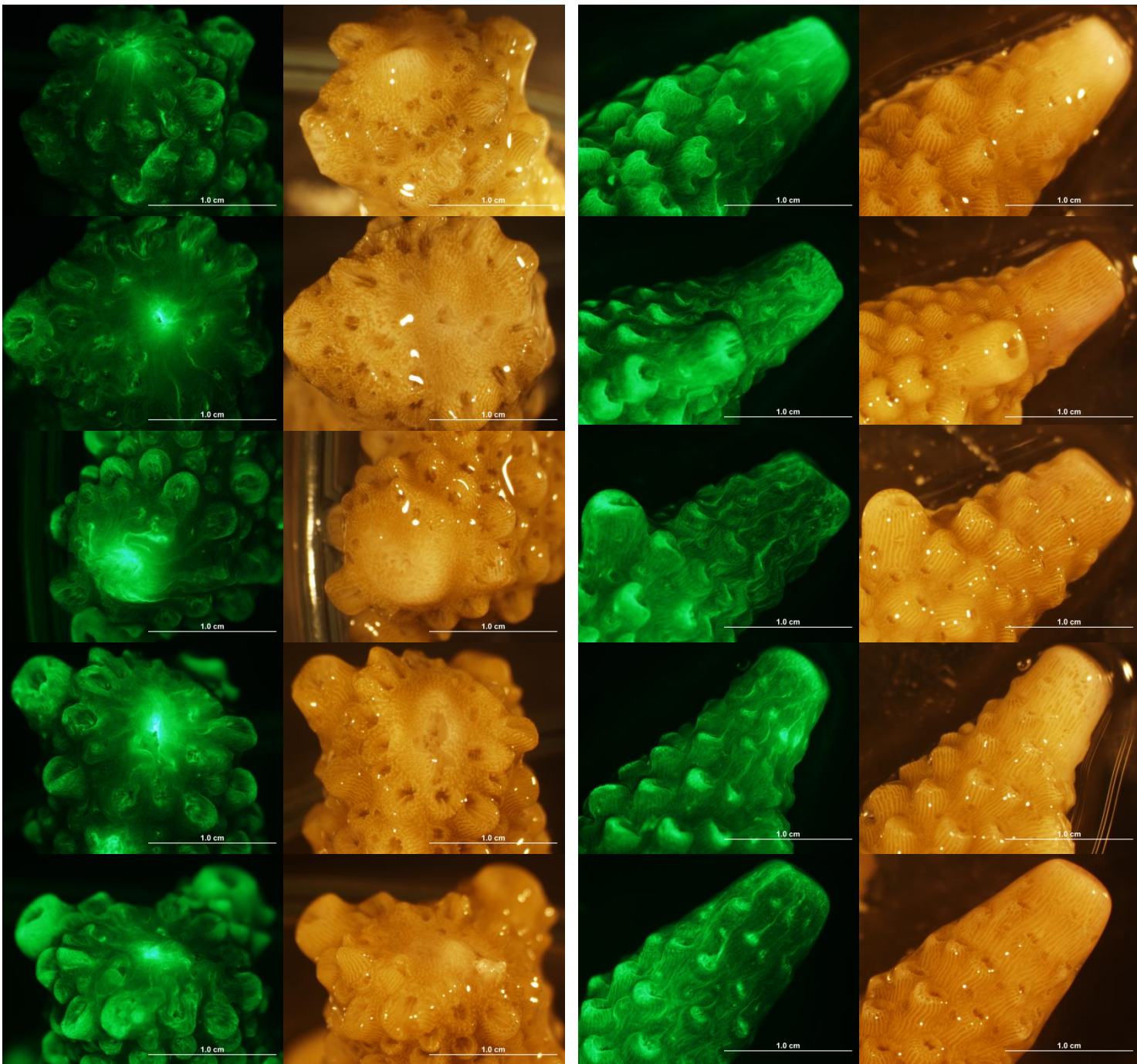


**Figure 5.** Stereoscopic microscopy images of cut (left) and non-cut (right) apical tips held under control seawater conditions (~ 25°C), day 6.

**Day 6 Treatments:**

**Cut**

**Uncut**

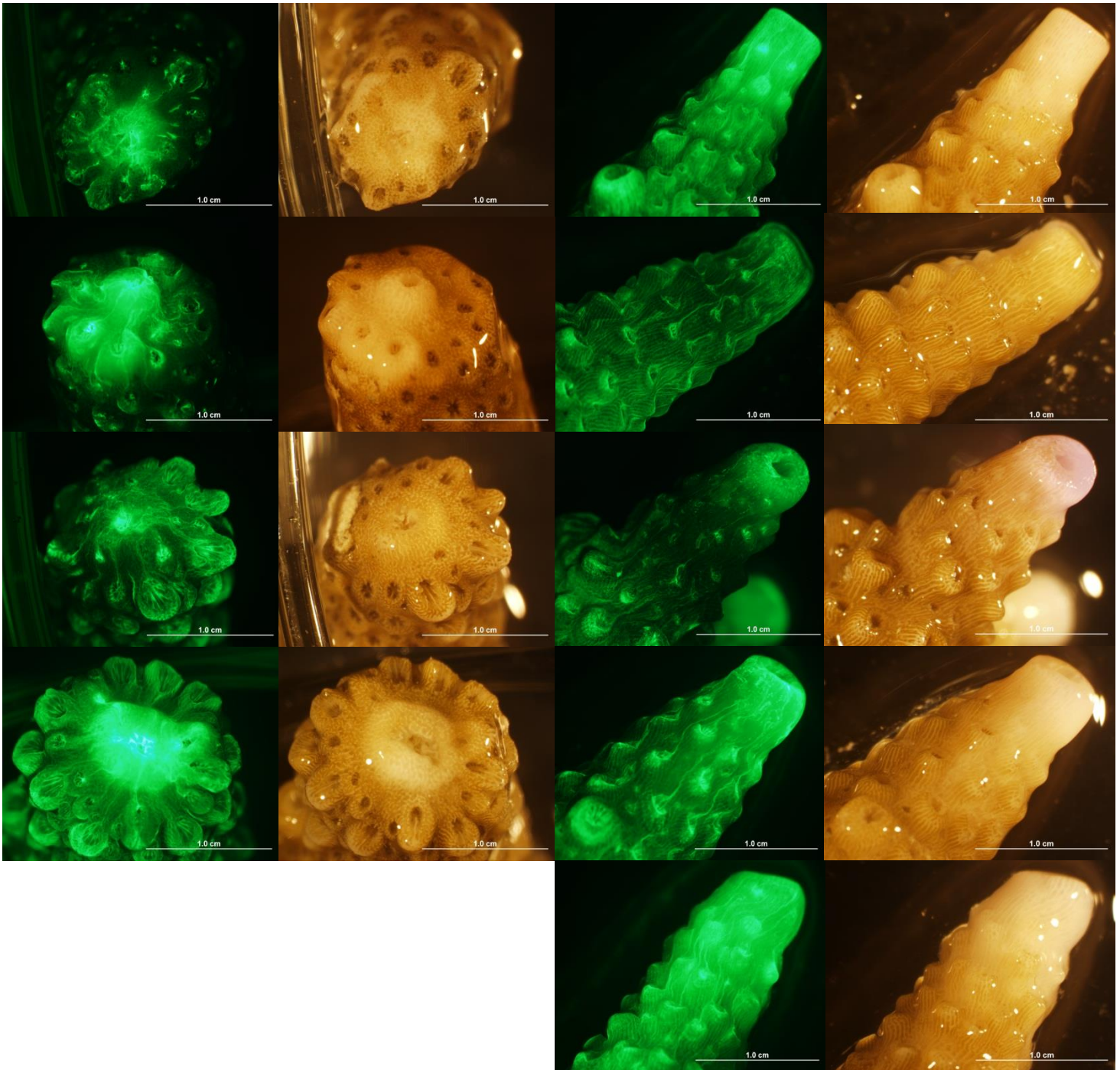


**Figure 6.** Stereoscopic microscopy images of cut (left) and non-cut (right) apical tips held under temperature-treated seawater conditions (~ 25°C), day 6.

**Day 8 Controls:**

Cut

Uncut

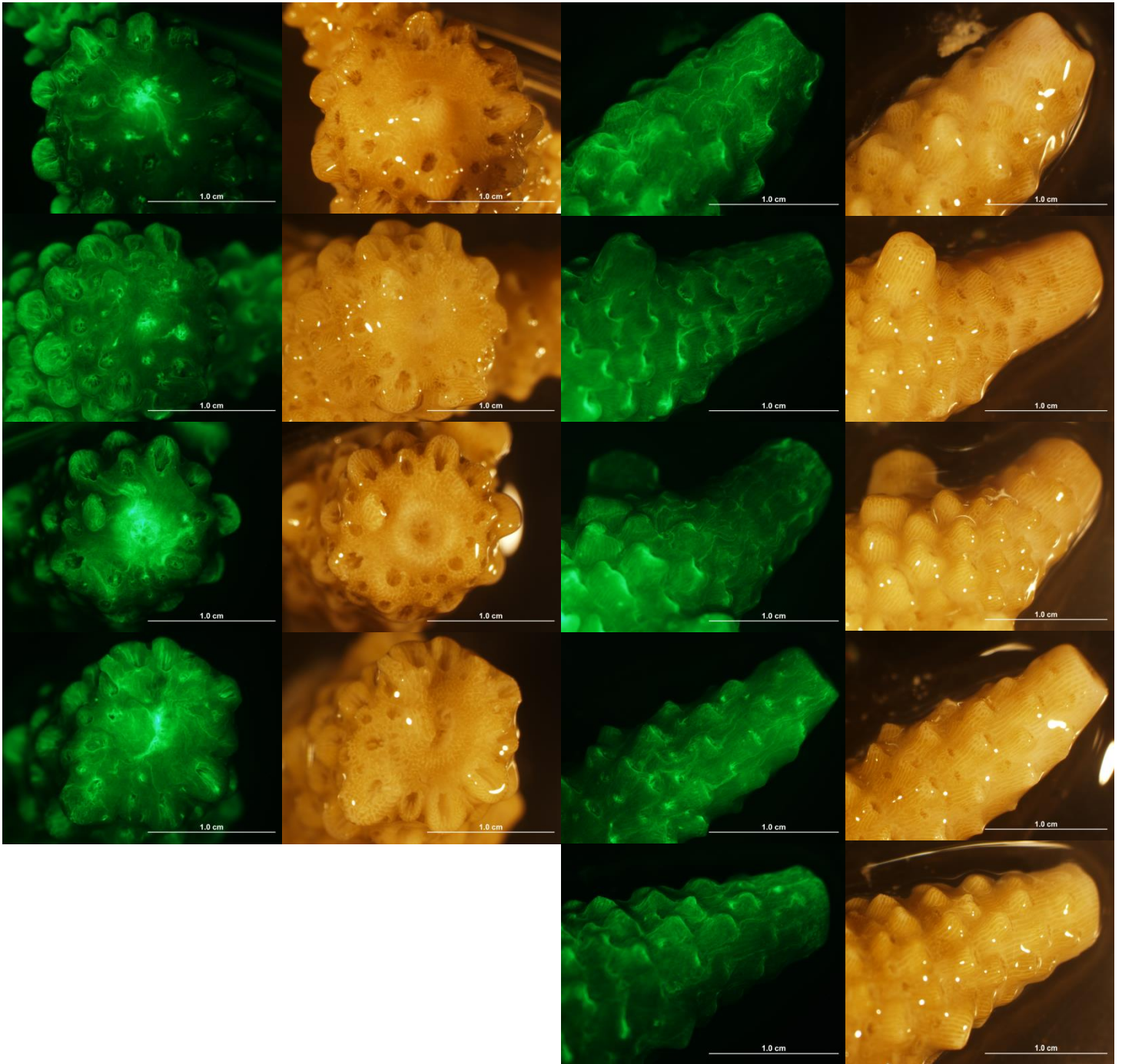


**Figure 7.** Stereoscopic microscopy images of cut (left) and non-cut (right) apical tips held under control seawater conditions (~ 25°C), day 8.

**Day 8 Treatments:**

**Cut**

**Uncut**



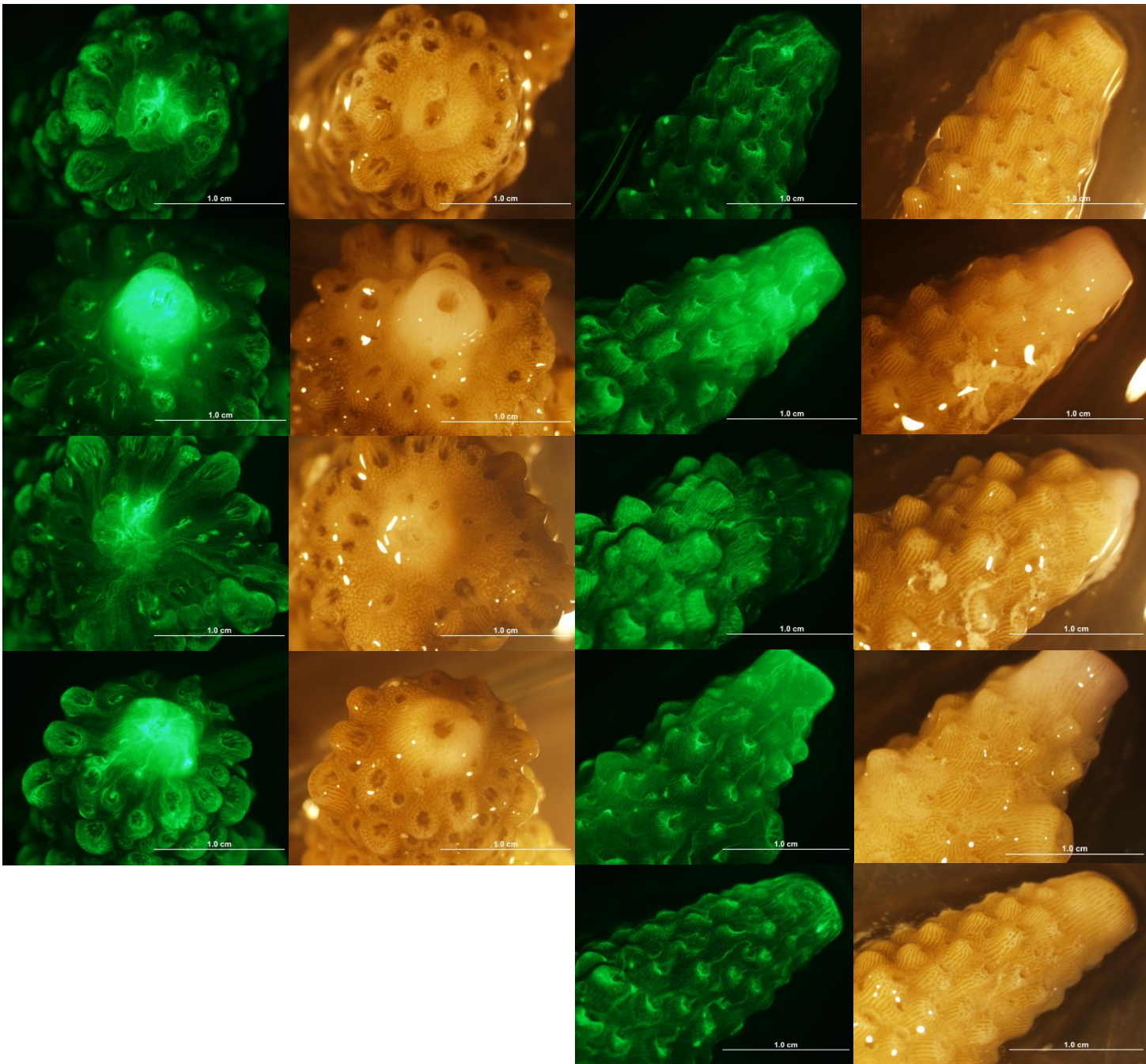
**Figure 8.** Stereoscopic microcopy images of cut (left) and non-cut (right) apical tips held under temperature-treated seawater conditions (~ 32°C), day 8.



**Day 10 Controls:**

**Cut**

**Uncut**

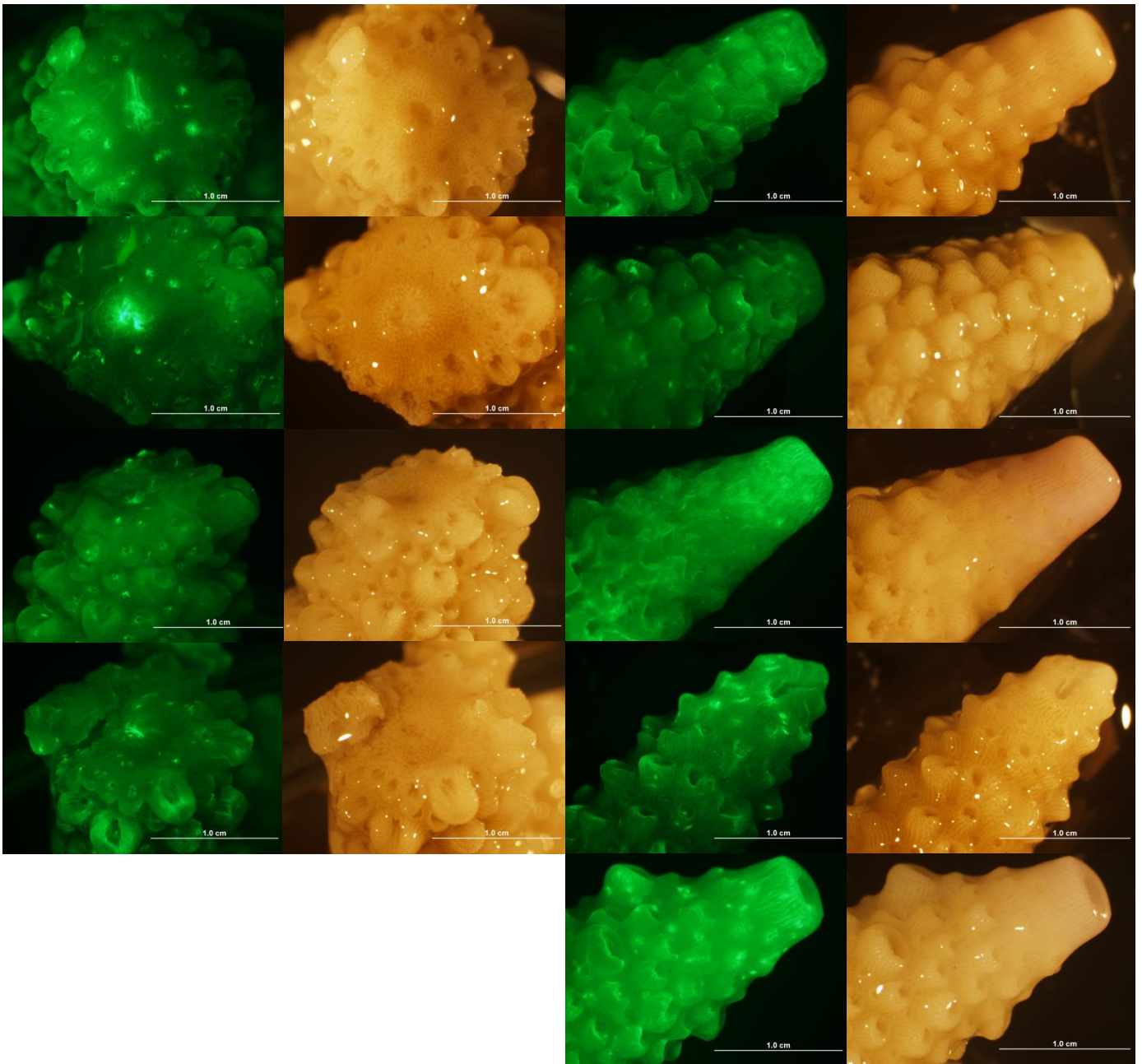


**Figure 9.** Stereoscopic microscopy images of cut (left) and non-cut (right) apical tips held under control seawater conditions (~ 25°C), day 10.

**Day 10 Treatments:**

**Cut**

**Uncut**

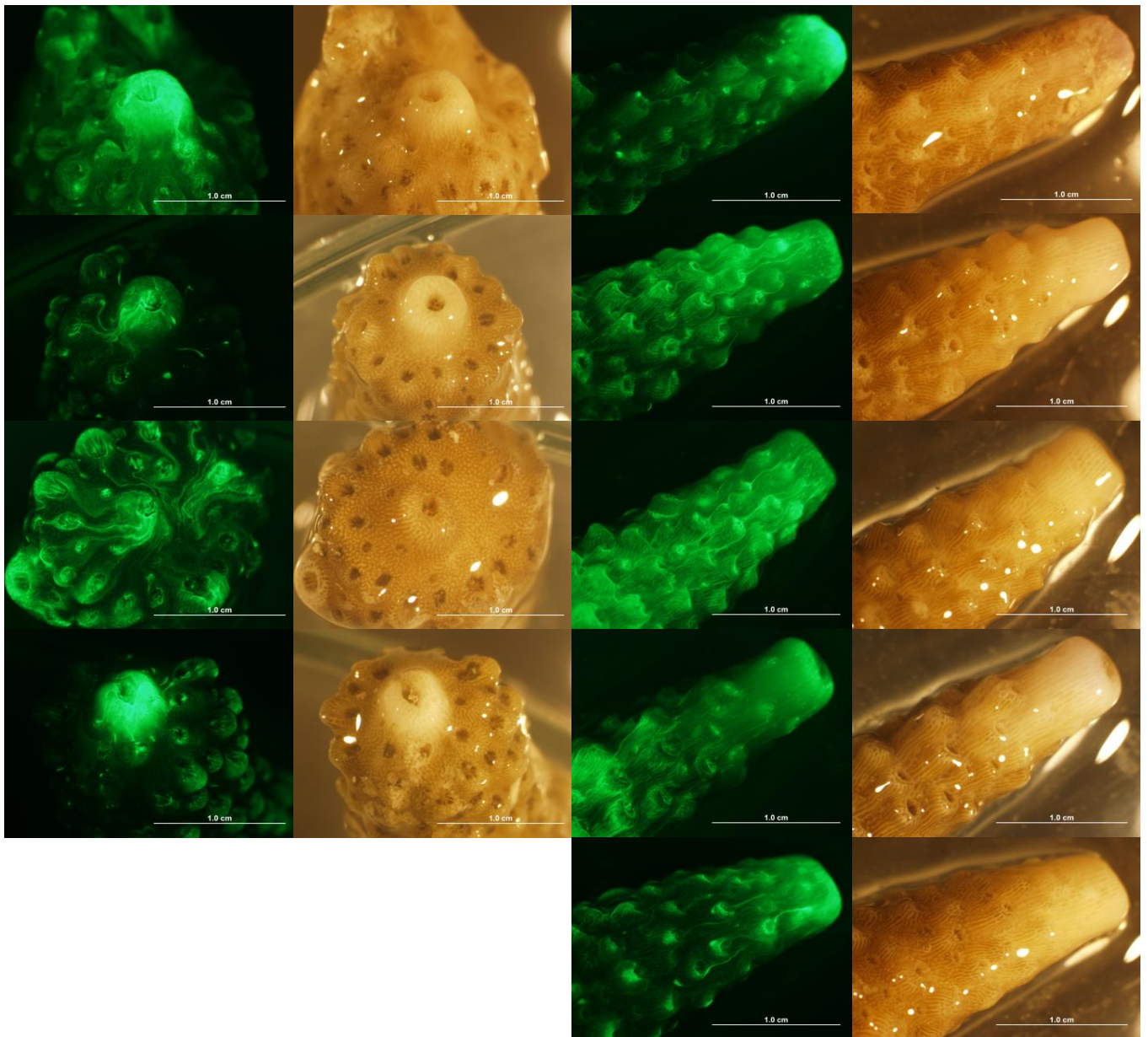


**Figure 10.** Stereoscopic microcopy images of cut (left) and non-cut (right) apical tips held under temperature-treated seawater conditions (~ 32°C), day 10.

**Day 12 Controls:**

**Cut**

**Uncut**

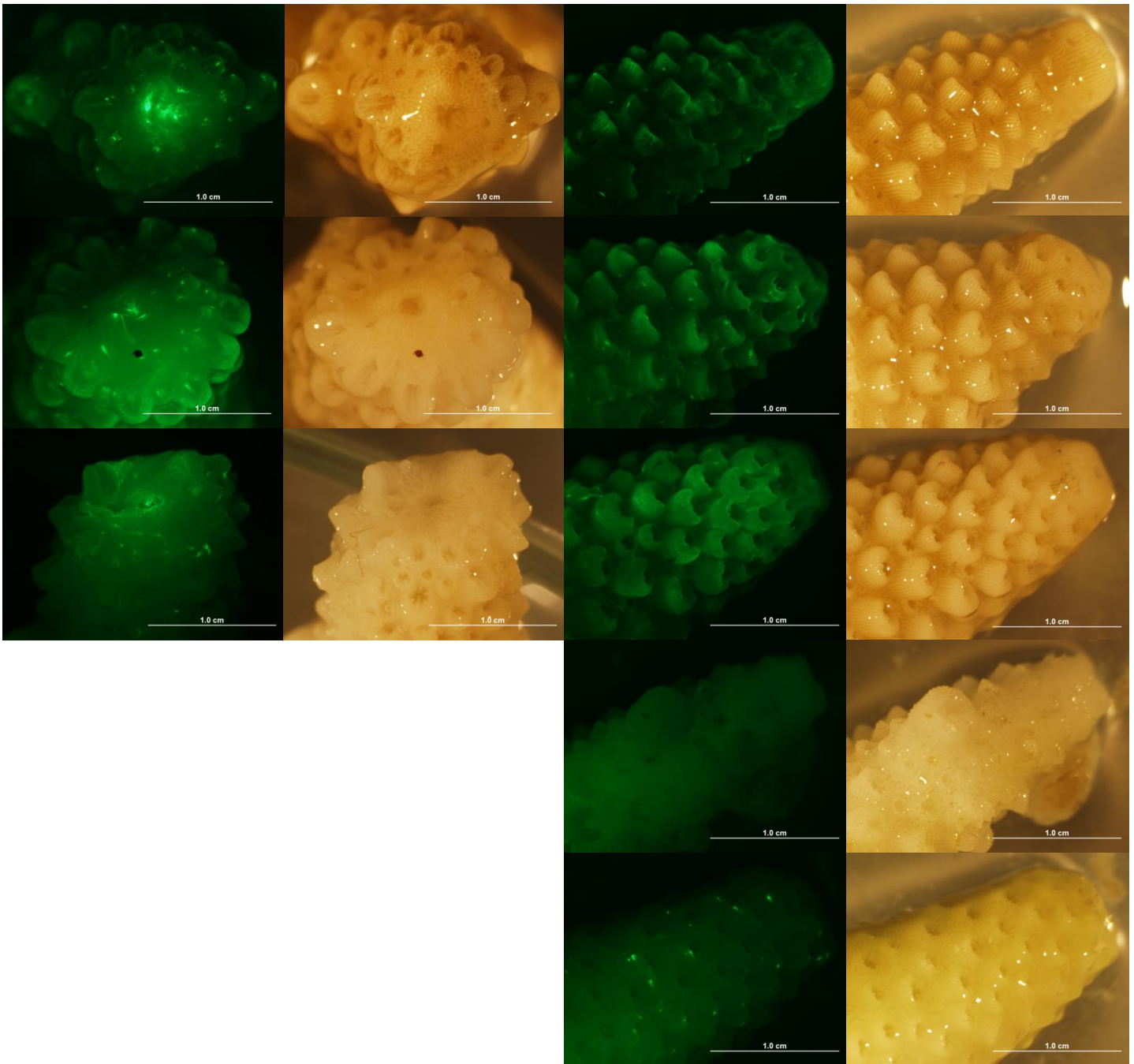


**Figure 11.** Stereoscopic microscopy images of cut (left) and non-cut (right) apical tips held under control seawater conditions (~ 25°C), day 12.

**Day 12 Treatments:**

**Cut**

**Uncut**

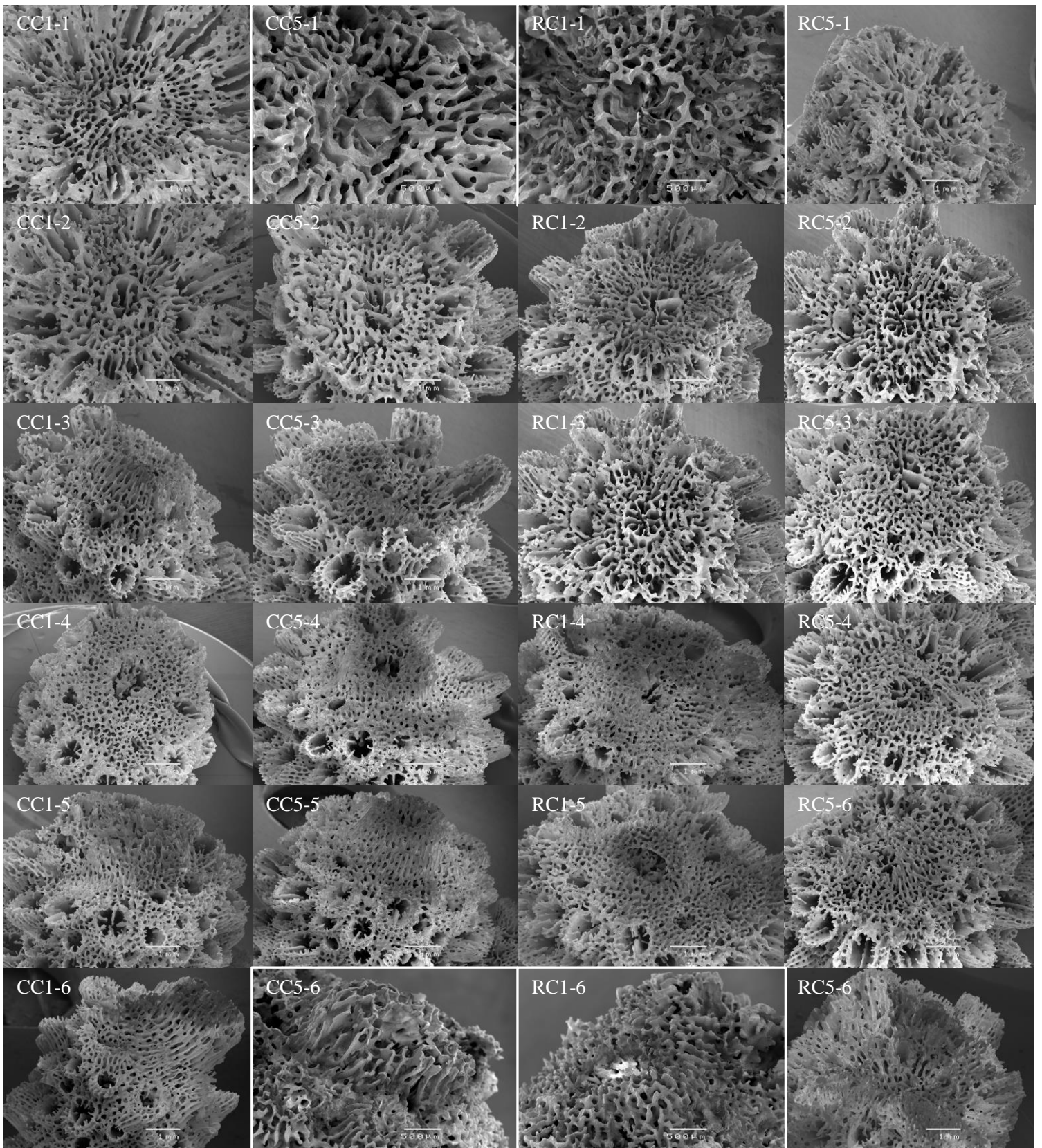


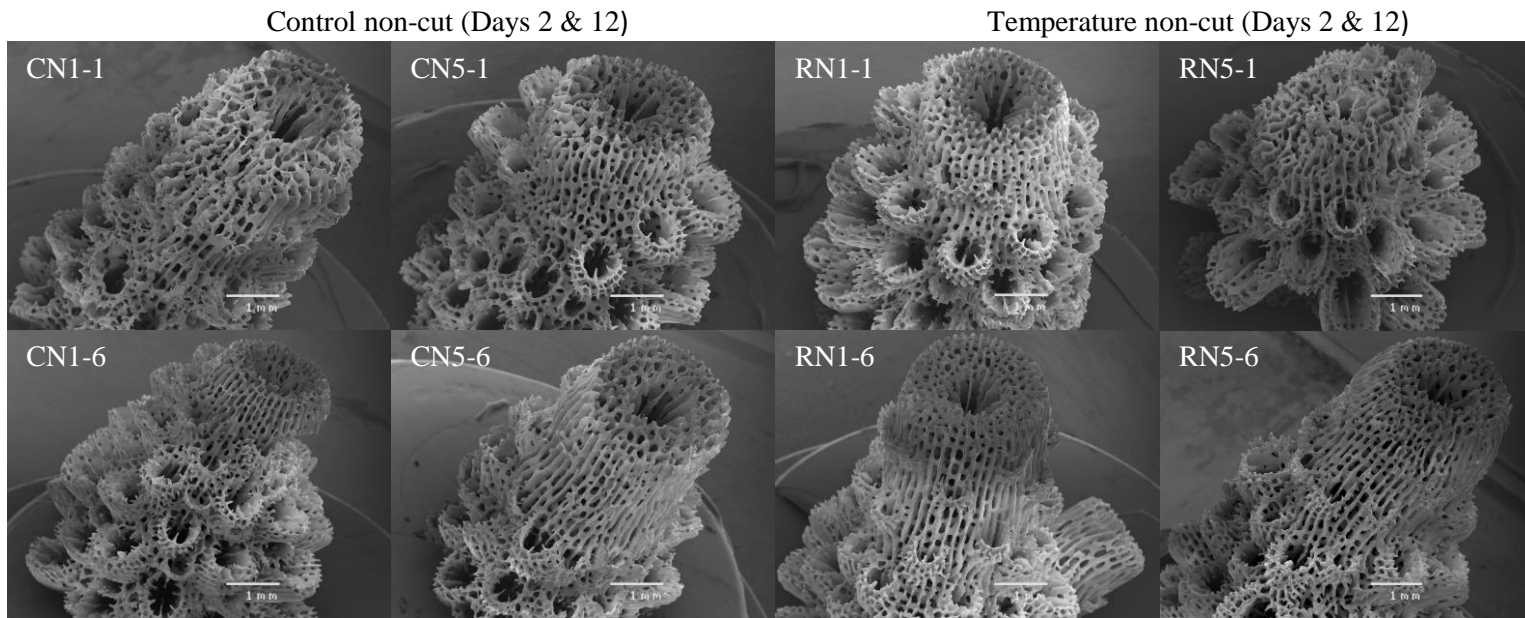
**Figure 12.** Stereoscopic microcopy images of cut (left) and non-cut (right) apical tips held under temperature-treated seawater conditions (~ 32°C), day 12.

# SEM SUPPLEMENTARY MICROGRAPHS

Control cut (Days 2- 12)

Temperature cut (Days 2 -12)





**Figure 14. Supplementary SEM micrographs.** Above shows the total samples imaged under SEM for the purpose for the qualitative study of skeletal regeneration of the apical tip.