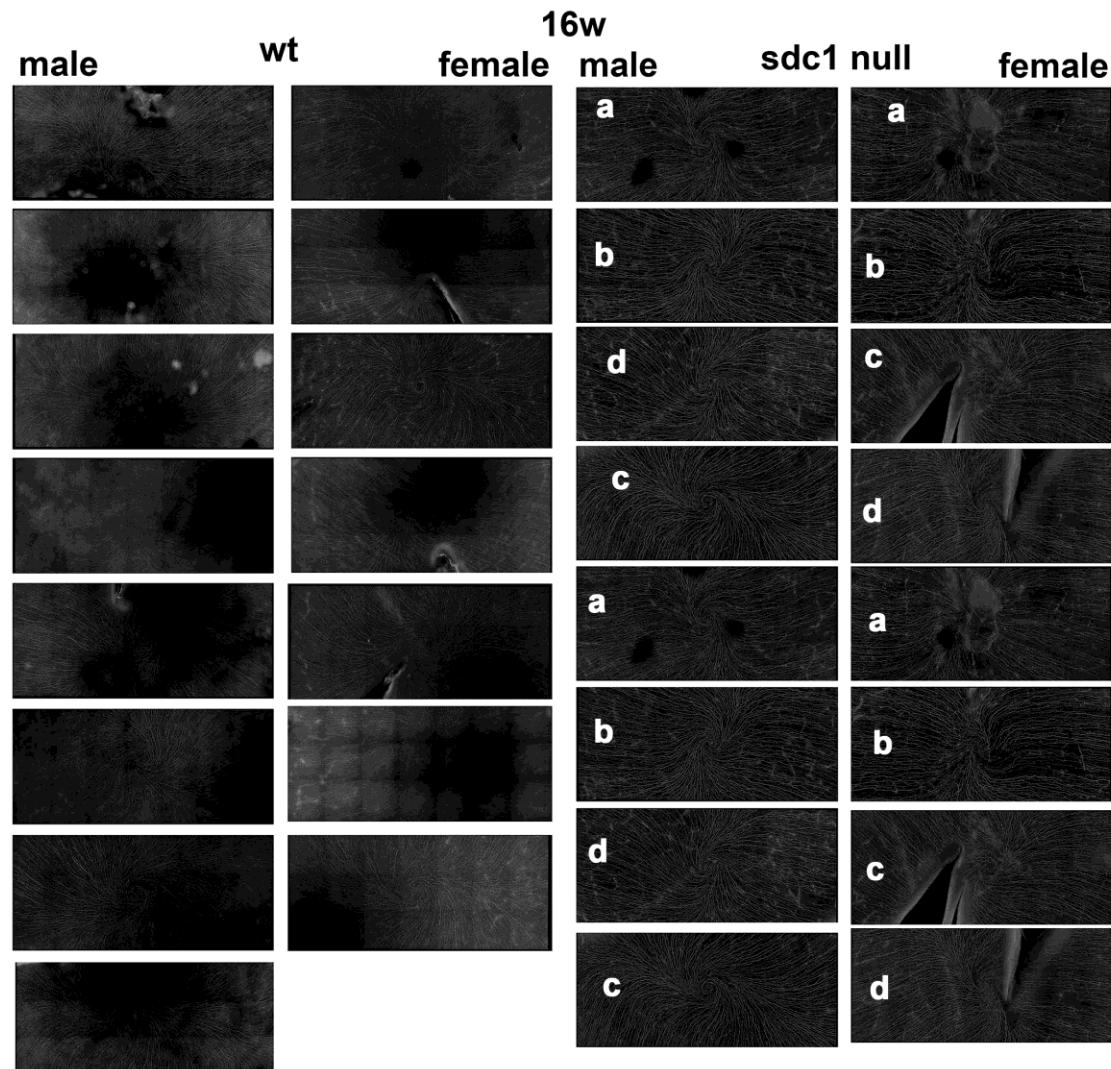


Supp. 2. 8w post natal dev



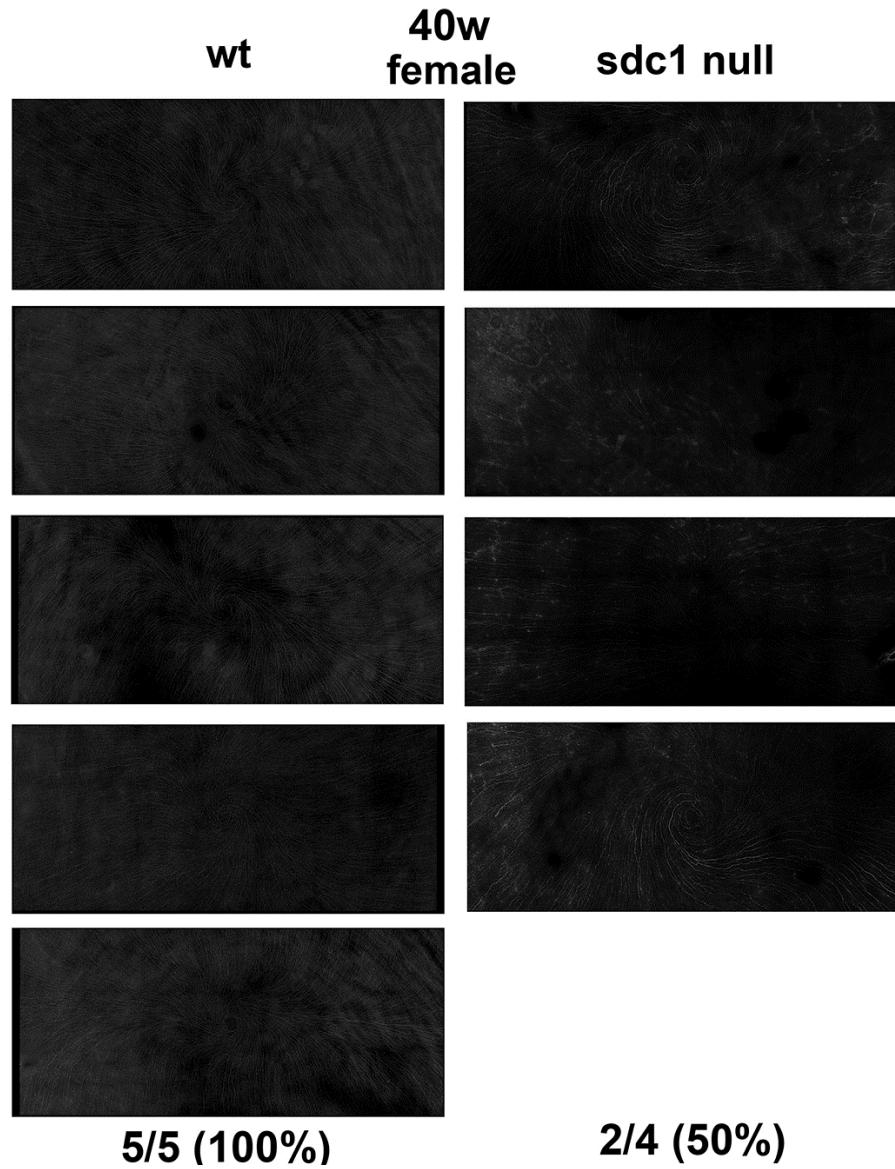
vortex: 4/8 (50%)

4/7 (57%)

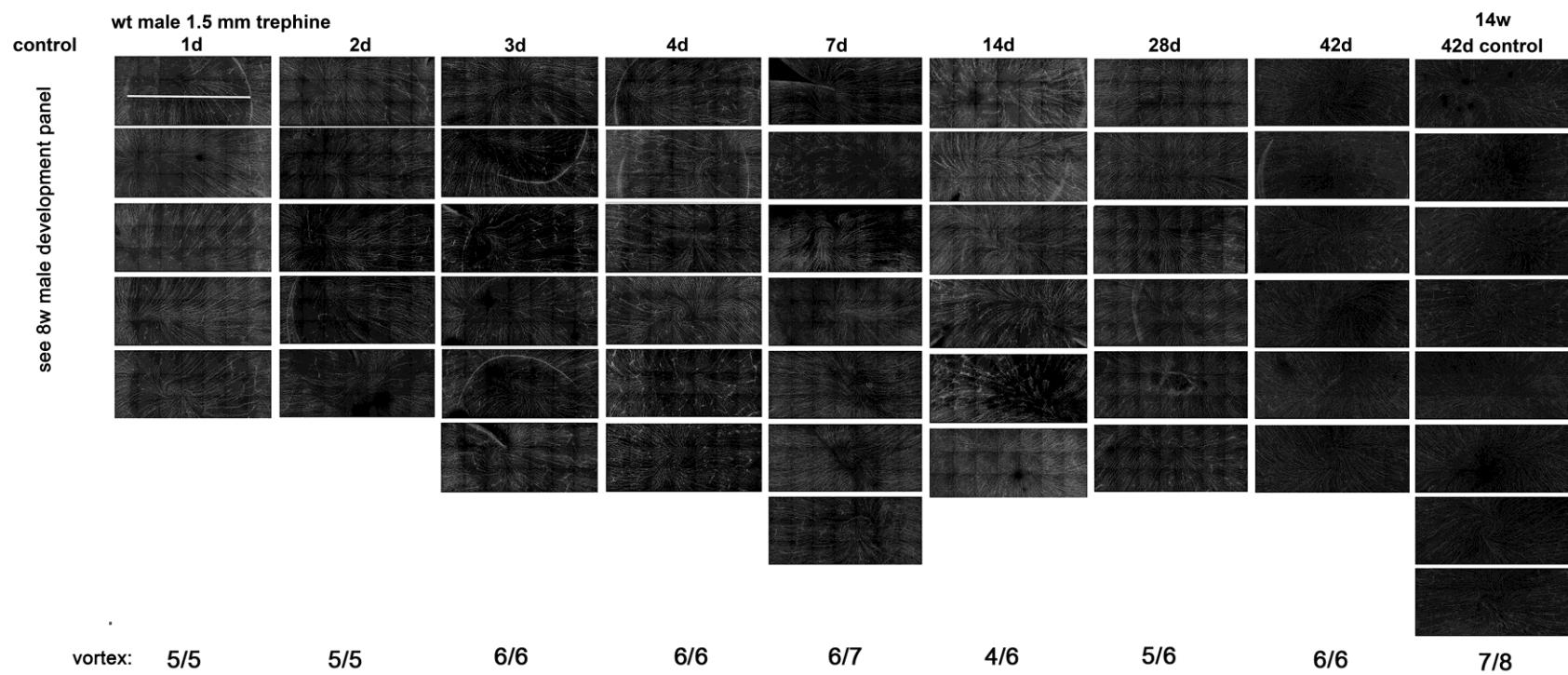
8/8 (100%)

4/8 (50%)

Supp. 3 16w unwounded



Supp. 4. 40w post natal dev

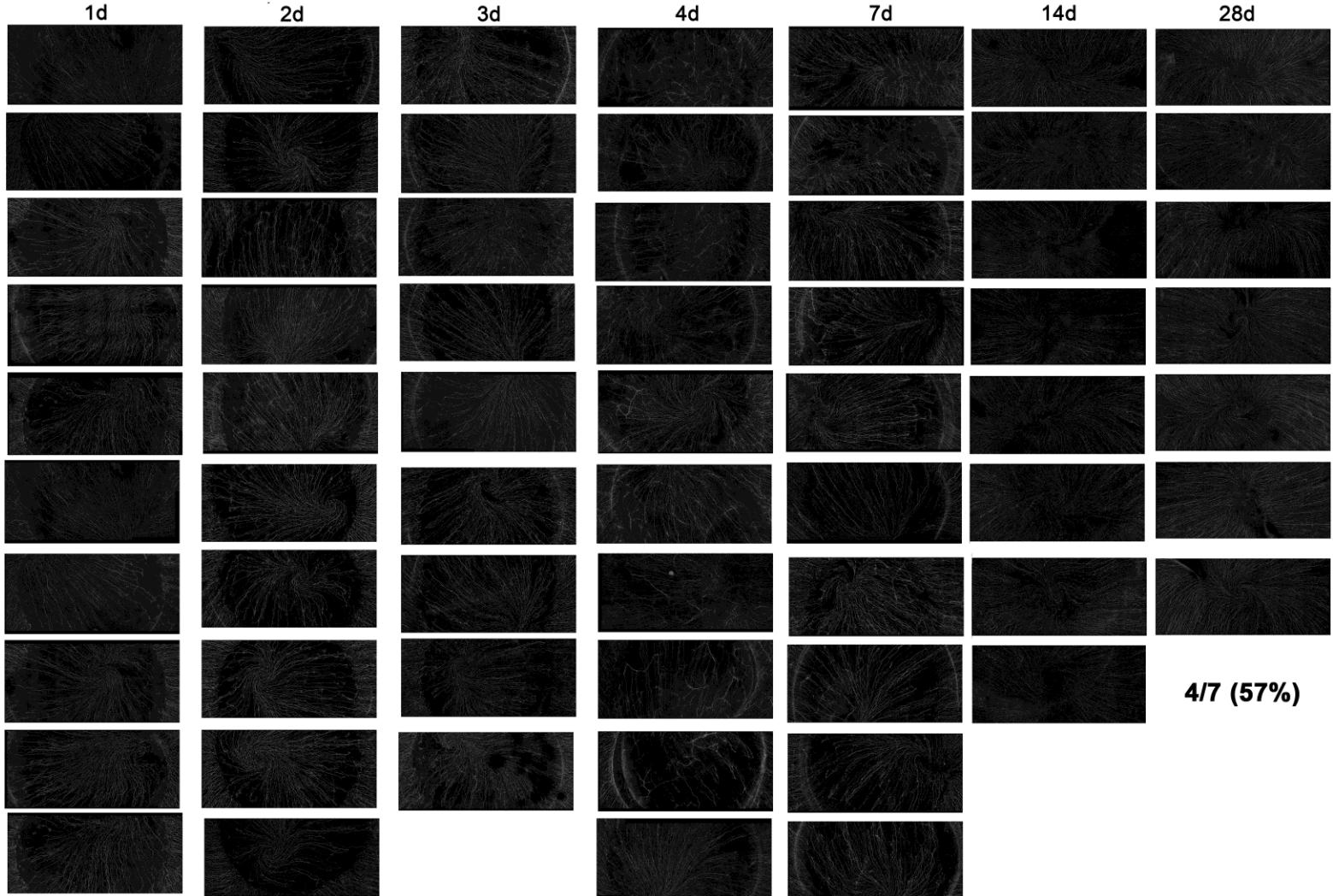


Supp. 5 wt male tre

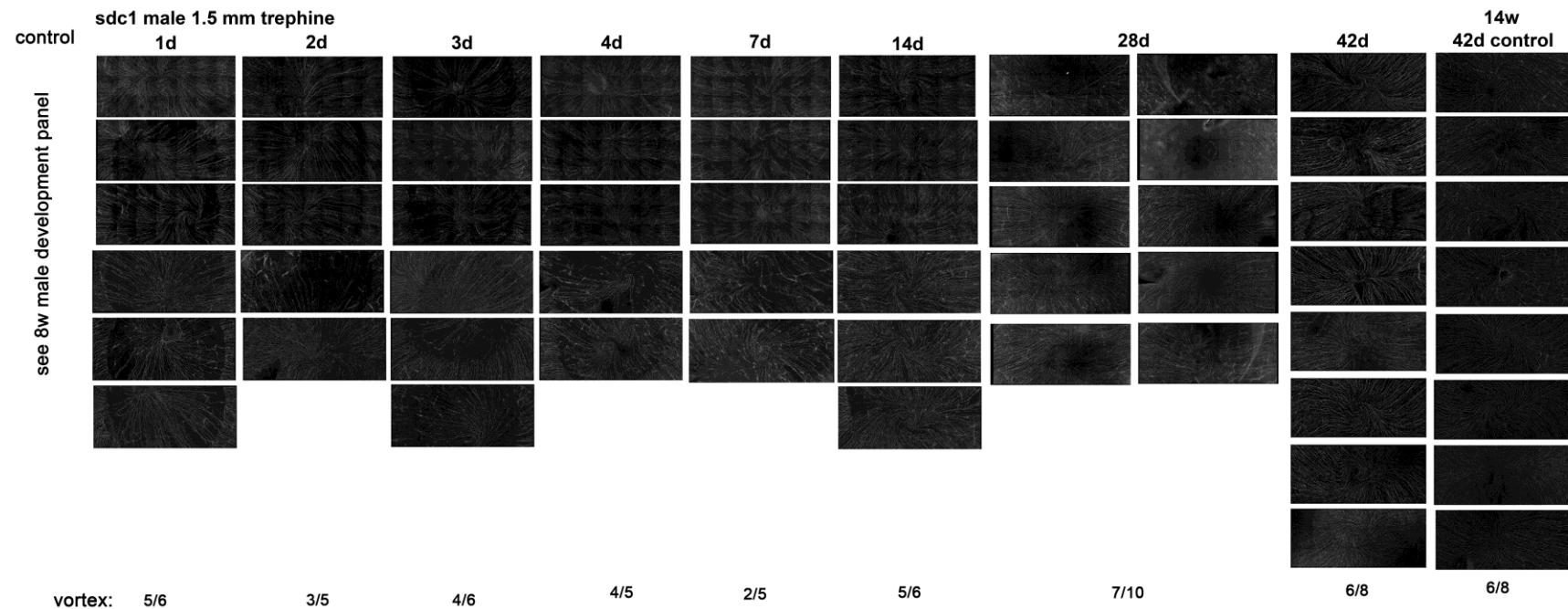
wt female 1.5 mm trephine

control

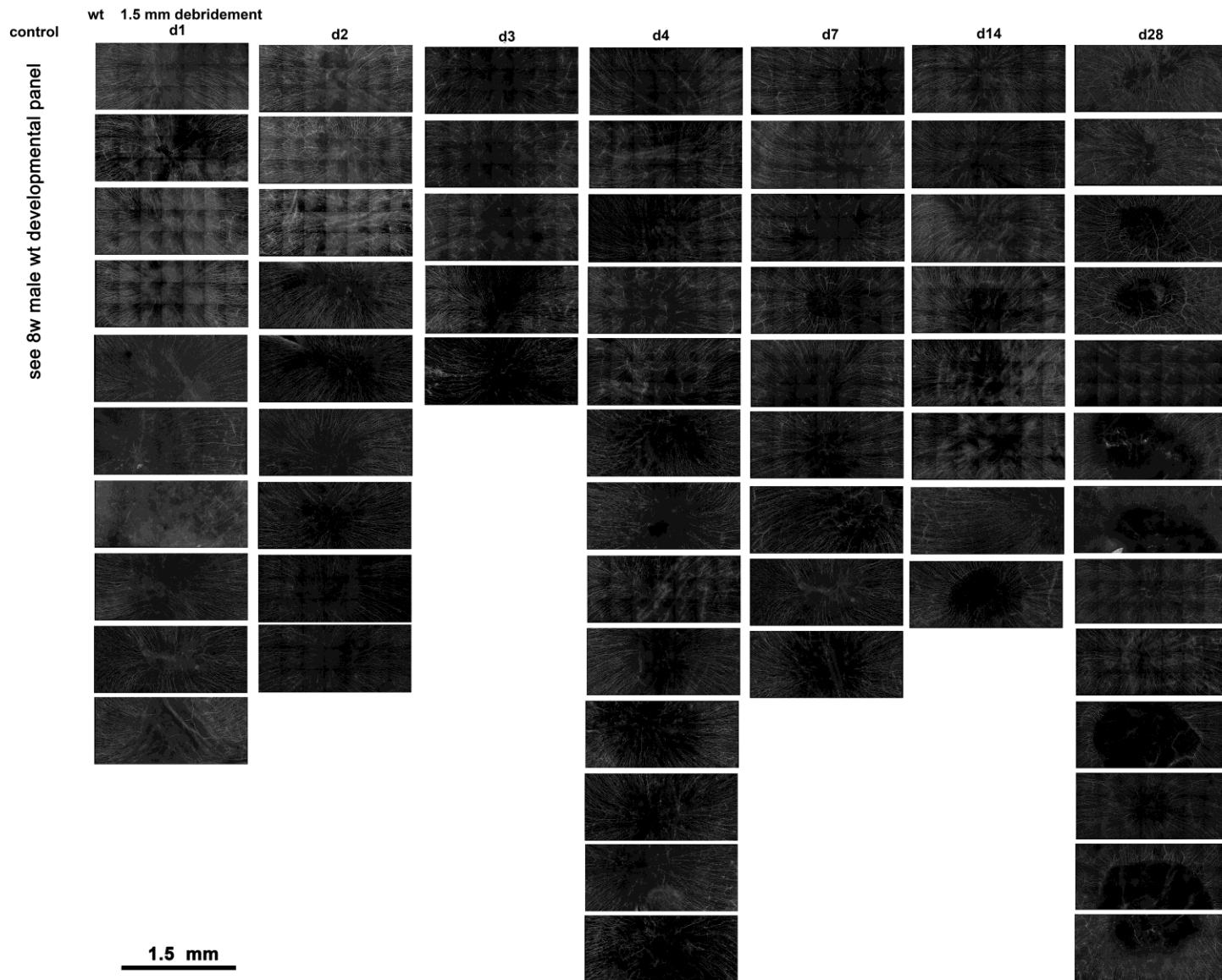
see wt female 8w developmental panel



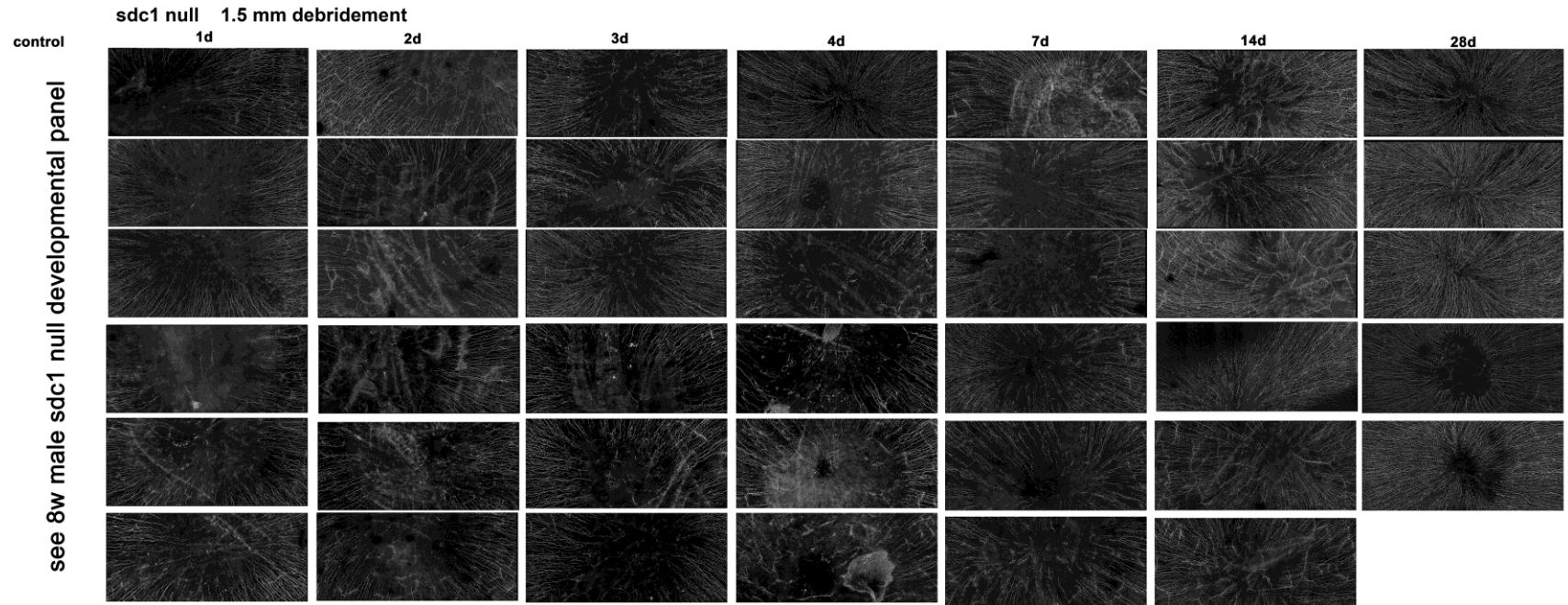
Supp. 6 wt female tre



Supp. 7 sdc1 null tre



Supp. 8. wt sm



Supp. 9. *sdc1* null sm