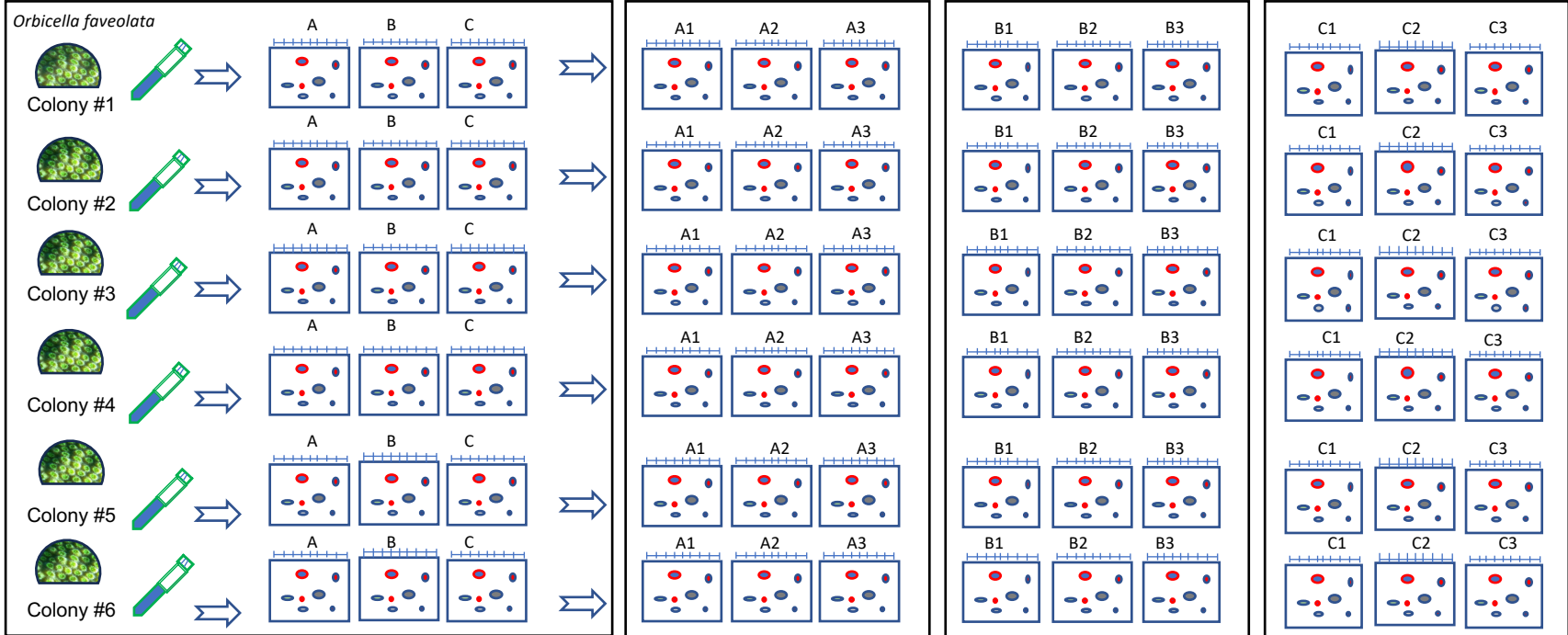
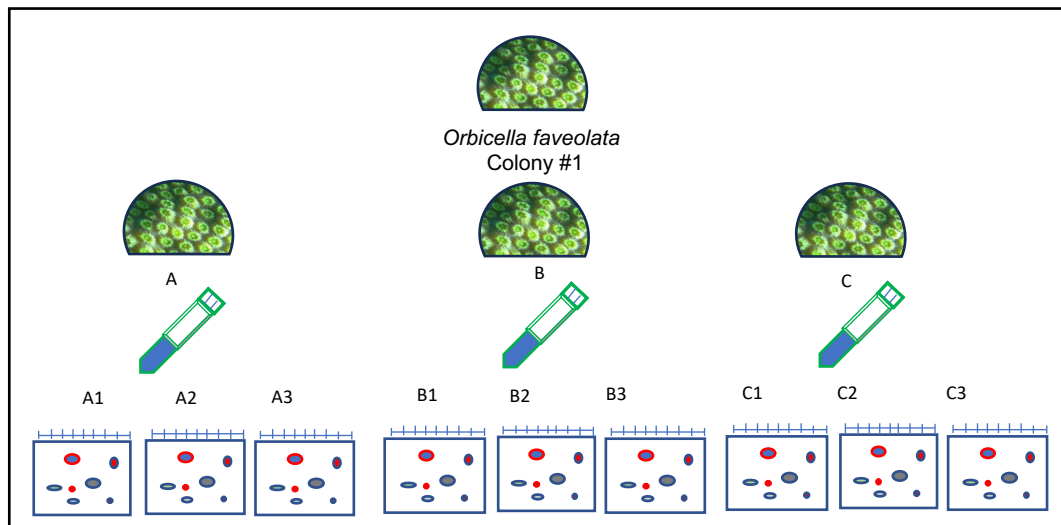


**a****b**

**Supplementary Figure S1.** Biological replicates, and validation of presented proteomic analysis comparison of the three independent *Orbicella faveolata* were performed using strategy described by the scheme.

**a:** Biological replicates derived from independent samples helped capture random biological variation. For example, three biological replicates (A, B, and C) were collected from three independent *Orbicella faveolata*. **b:** Each of these biological replicates was run in three technical replicates (A1, A2, A3; B1, B2, B3; C1, C2, C3) in one 2D-GE protein separation (B). Technical replicates help identify variation in technique. For example, lysate derived from *Orbicella faveolata* were loaded three times (A1, A2, A3) on each 2D gel then run and measured independently to help identifying variation in technique (B).