Supplemental Table 3. One-way ANOVA test for the coverage of melanophores (calculated as total area of melanophores divided by total area of skin section) found in black skin tissue.

| S3. Melanophore Coverage in Black Skin Tissue |
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| Morph | **% Melanophores** | **Variance** | **Sample size** |
| striped | 17.1500 | 3.861 | 6 frogs, 324 images |
| spotted | 16.9333 | 1.510 | 6 frogs, 388 images |
| banded | 16.6417 | 3.272 | 6 frogs, 292 images |
| varadero | 15.1317 | 0.477 | 6 frogs, 344 images |
|  |
| A one-way ANOVA test with 3 degrees of freedom produced an F-value of 2.190 and a Pr > F of 0.1209. |