Supplemental Table 2.  Summary of the distribution of skin sections imaged and analyzed across mimetic morphs, individual frogs, and skin colors.

| **S2. Summary of Histological Sample Distribution** |
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| **Morph** | **Frog ID** | **Skin Color** | **Skin Sections Analyzed** |
| striped | PO16 | black | 41 |
| yellow | 0 |
| green | 11 |
| PC22 | black | 67 |
| yellow | 30 |
| green | 0 |
| PC23 | black | 50 |
| yellow | 73 |
| green | 35 |
| PC24 | black | 71 |
| yellow | 42 |
| green | 10 |
| PC25 | black | 62 |
| yellow | 44 |
| green | 55 |
| PC26 | black | 33 |
| yellow | 6 |
| green | 51 |
| **TOTAL** black skin sections analyzed = 324 |
| **TOTAL** yellow skin sections analyzed = 195 |
| **TOTAL** green skin sections analyzed = 162  |
| spotted | TU04 | black | 68 |
|  | green | 42 |
| TU05 | black | 73 |
| green | 30 |
| TU06 | black | 22 |
| green | 14 |
| 3701 | black | 76 |
| green | 39 |
| 3703 | black | 58 |
| green | 12 |
| 3704 | black | 91 |
| green | 21 |
| **TOTAL** black skin sections analyzed = 388 |
| **TOTAL** green skin sections analyzed = 158 |
| banded | SA01 | black | 63 |
|  | orange | 10 |
| SA02 | black | 55 |
| orange | 0 |
| SA03 | black | 42 |
| orange | 74 |
| SA04 | black | 52 |
| orange | 87 |
| SA05 | black | 33 |
| orange | 14 |
| SA06 | black | 47 |
| orange | 23 |
| **TOTAL** black skin sections analyzed = 292 |
| **TOTAL** orange skin sections analyzed = 208 |
| varadero | VA01 | black | 54 |
|  | orange | 36 |
| VA02 | black | 69 |
| orange | 66 |
| VA04 | black | 12 |
| orange | 55 |
| VA05 | black | 77 |
| orange | 33 |
| VA06 | black | 68 |
| orange | 52 |
| VA07 | black | 64 |
| orange | 0 |
| **TOTAL** black skin sections analyzed = 344 |
| **TOTAL** orange skin sections analyzed = 242 |