

S1 Table. Sample information and genotyping statistics for all samples from the *Heliconius melpomene*-clade.

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of heterozygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|--------------|--------------|---------------------------------------|-----------|----------|-----------|----------------|--------------------------|--------------|------------------------------------|--|---|
| GM110_86 | CAM019819 | <i>Heliconius besckei</i> | Brazil | -26.2500 | -49.3836 | ERR3652638 | | 3,140,439 | 60.08 | 0.80 | CS |
| GM110_83 | CAM019818 | <i>Heliconius besckei</i> | Brazil | -26.2500 | -49.3836 | ERR3652637 | | 3,246,473 | 62.07 | 0.85 | CS |
| GM110_82 | CAM019817 | <i>Heliconius besckei</i> | Brazil | -26.2500 | -49.3836 | ERR3652635 | | 3,220,010 | 61.59 | 0.82 | CS |
| GM123_2 | CAM019816 | <i>Heliconius besckei</i> | Brazil | -29.4423 | -50.5798 | ERR3652633 | | 3,164,769 | 60.55 | 0.79 | CS |
| GM81_3 | CAM019815 | <i>Heliconius besckei</i> | Brazil | -25.0462 | -51.5395 | ERR3652632 | | 3,120,441 | 59.71 | 0.77 | CS |
| GM90_3 | CAM019814 | <i>Heliconius besckei</i> | Brazil | -20.1515 | -44.2011 | ERR3652630 | | 3,189,219 | 60.99 | 0.82 | CS |
| GM89_2 | CAM019813 | <i>Heliconius besckei</i> | Brazil | -19.8226 | -43.6762 | ERR3652629 | | 3,200,508 | 61.26 | 0.74 | CS |
| GM110_84 | CAM019812 | <i>Heliconius besckei</i> | Brazil | -26.2500 | -49.3836 | ERR3652655 | | 3,189,985 | 61.05 | 0.76 | CS |
| GM81_4 | CAM019811 | <i>Heliconius besckei</i> | Brazil | -25.0462 | -51.5395 | ERR3652653 | | 3,319,062 | 63.48 | 0.82 | CS |
| GM88_7 | CAM019810 | <i>Heliconius besckei</i> | Brazil | -19.8853 | -43.6644 | ERR3652651 | | 3,224,622 | 61.69 | 0.79 | CS |
| GM88_1 | CAM019809 | <i>Heliconius besckei</i> | Brazil | -19.8853 | -43.6644 | ERR3652650 | | 3,245,428 | 62.10 | 0.78 | CS |
| chi.CAM584 | CAM000584 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1366 | -79.7236 | SAMEA104585046 | | 3,277,148 | 61.75 | 2.29 | WGS |
| chi.CAM580 | CAM000580 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1366 | -79.7236 | SAMEA104585044 | Van Belleghem et al.[51] | 3,534,220 | 66.61 | 2.26 | WGS |
| chi.CAM582 | CAM000582 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1366 | -79.7236 | SAMEA104585045 | Van Belleghem et al.[51] | 3,654,172 | 68.82 | 2.33 | WGS |
| chi.CAM585 | CAM000585 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1366 | -79.7236 | SAMEA104585047 | Van Belleghem et al.[51] | 3,469,652 | 65.38 | 2.29 | WGS |
| chi.CAM586 | CAM000586 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1366 | -79.7236 | SAMEA104585048 | Van Belleghem et al.[51] | 3,538,969 | 66.67 | 2.31 | WGS |
| chi.CAM25091 | CAM025091 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1200 | -79.7020 | SAMEA104585050 | Van Belleghem et al.[51] | 3,449,544 | 64.97 | 2.33 | WGS |
| chi.CAM25137 | CAM025137 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1200 | -79.7020 | SAMEA104585051 | Van Belleghem et al.[51] | 3,548,034 | 66.82 | 2.35 | WGS |
| chi.CJ553 | CAM000553 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1366 | -79.7236 | SAMEA1919256 | Martin et al.[71] | 3,666,518 | 69.06 | 2.33 | WGS |
| chi.CJ565 | CAM000565 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1714 | -79.7573 | SAMEA1919262 | Martin et al.[71] | 3,799,061 | 71.53 | 2.36 | WGS |
| chi.CJ560 | CAM000560 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1366 | -79.7236 | SAMEA1919265 | Martin et al.[71] | 3,694,123 | 69.60 | 2.30 | WGS |
| chi.CJ564 | CAM000564 | <i>Heliconius cydno ssp. chioneus</i> | Panamá | 9.1366 | -79.7236 | SAMEA1919278 | Martin et al.[71] | 3,704,117 | 69.75 | 2.36 | WGS |
| cor.CS3 | CS002167 | <i>Heliconius cydno ssp. cordula</i> | Venezuela | 7.9406 | -72.3406 | SAMEA104585052 | Van Belleghem et al.[51] | 3,783,632 | 71.33 | 2.24 | WGS |
| cor.CS4 | CS002258 | <i>Heliconius cydno ssp. cordula</i> | Venezuela | 7.9406 | -72.3406 | SAMEA104585053 | Van Belleghem et al.[51] | 3,775,592 | 71.22 | 2.18 | WGS |
| cor.STRI7 | STRI_007 | <i>Heliconius cydno ssp. cordula</i> | Venezuela | 7.7980 | -72.2047 | SAMEA3670511 | Walbank et al.[36] | 3,780,111 | 71.17 | 2.37 | WGS |
| CS2737 | CS002737 | <i>Heliconius cydno ssp. cydnides</i> | Colombia | 3.8665 | -76.3834 | ERR3652413 | | 3,818,575 | 72.17 | 1.99 | CS |
| CS2729 | CS002729 | <i>Heliconius cydno ssp. cydnides</i> | Colombia | 3.8525 | -76.4269 | ERR3652589 | | 3,822,998 | 72.30 | 1.93 | CS |
| CS2727 | CS002727 | <i>Heliconius cydno ssp. cydnides</i> | Colombia | 3.8525 | -76.4269 | ERR3652576 | | 3,822,358 | 72.29 | 1.93 | CS |
| CS2748 | CS002748 | <i>Heliconius cydno ssp. cydnides</i> | Colombia | 3.8665 | -76.3834 | ERR3652422 | | 3,812,649 | 72.08 | 1.96 | CS |
| CS2740 | CS002740 | <i>Heliconius cydno ssp. cydnides</i> | Colombia | 3.8665 | -76.3834 | ERR3652419 | | 3,857,734 | 72.86 | 2.06 | CS |
| CS2738 | CS002738 | <i>Heliconius cydno ssp. cydnides</i> | Colombia | 3.8665 | -76.3834 | ERR3652407 | | 3,856,673 | 72.84 | 2.06 | CS |
| CS2724 | CS002724 | <i>Heliconius cydno ssp. cydnides</i> | Colombia | 3.8525 | -76.4269 | ERR3652416 | | 3,841,436 | 72.58 | 2.03 | CS |
| CS2731 | CS002731 | <i>Heliconius cydno ssp. cydnides</i> | Colombia | 3.8525 | -76.4269 | ERR3652580 | | 3,846,873 | 72.68 | 2.02 | CS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|------------|--------------|---|----------|----------|-----------|----------------|--------------------------|--------------|------------------------------------|---|---|
| CS2739 | CS002739 | <i>Heliconius cydno ssp. cydnides</i> | Colombia | 3.8665 | -76.3834 | ERR3652586 | | 3,825,523 | 72.33 | 1.96 | CS |
| CS2732 | CS002732 | <i>Heliconius cydno ssp. cydnides</i> | Colombia | 3.8525 | -76.4269 | ERR3652410 | | 3,840,359 | 72.72 | 1.81 | CS |
| CS936 | CS000936 | <i>Heliconius cydno ssp. weymeri f. gustavi</i> | Colombia | 3.4834 | -76.6158 | ERR3652600 | | 3,840,229 | 72.86 | 1.62 | CS |
| CS2492 | CS002492 | <i>Heliconius cydno ssp. weymeri f. gustavi</i> | Colombia | 3.3242 | -76.6364 | ERR3652603 | | 3,873,417 | 73.27 | 1.91 | CS |
| CS2511 | CS002511 | <i>Heliconius cydno ssp. weymeri f. gustavi</i> | Colombia | 3.6106 | -76.5986 | ERR3652615 | | 3,866,621 | 73.24 | 1.7 | CS |
| CS2506 | CS002506 | <i>Heliconius cydno ssp. weymeri f. gustavi</i> | Colombia | 3.6106 | -76.5986 | ERR3652613 | | 3,802,771 | 71.98 | 1.85 | CS |
| CS1914 | CS001914 | <i>Heliconius cydno ssp. weymeri f. gustavi</i> | Colombia | 2.5133 | -76.5942 | ERR3652595 | | 3,821,081 | 72.38 | 1.78 | CS |
| CS953 | CS000953 | <i>Heliconius cydno ssp. weymeri f. gustavi</i> | Colombia | 3.4834 | -76.6158 | ERR3652591 | | 3,838,035 | 72.73 | 1.74 | CS |
| CS950 | CS000950 | <i>Heliconius cydno ssp. weymeri f. gustavi</i> | Colombia | 3.4834 | -76.6158 | ERR3652597 | | 3,823,525 | 72.35 | 1.88 | CS |
| CS1926 | CS001926 | <i>Heliconius cydno ssp. weymeri f. gustavi</i> | Colombia | 2.5133 | -76.5942 | ERR3652605 | | 3,862,132 | 73.14 | 1.80 | CS |
| CS2503 | CS002503 | <i>Heliconius cydno ssp. weymeri f. gustavi</i> | Colombia | 2.5133 | -76.5942 | ERR3652607 | | 3,845,743 | 72.86 | 1.76 | CS |
| CS2504 | CS002504 | <i>Heliconius cydno ssp. weymeri f. gustavi</i> | Colombia | 3.6106 | -76.5986 | ERR3652609 | | 3,835,440 | 72.40 | 2.11 | CS |
| CS982 | CS000982 | <i>Heliconius cydno ssp. weymeri f. weymeri</i> | Colombia | 3.4834 | -76.6158 | ERR3652383 | | 3,820,791 | 72.47 | 1.65 | CS |
| CS942 | CS000942 | <i>Heliconius cydno ssp. weymeri f. weymeri</i> | Colombia | 3.4834 | -76.6158 | ERR3652621 | | 3,880,634 | 73.44 | 1.87 | CS |
| CS2996 | CS002996 | <i>Heliconius cydno ssp. weymeri f. weymeri</i> | Colombia | 3.4834 | -76.6158 | ERR3652386 | | 3,827,233 | 72.48 | 1.80 | CS |
| CS2998 | CS002998 | <i>Heliconius cydno ssp. weymeri f. weymeri</i> | Colombia | 3.4834 | -76.6158 | ERR3652619 | | 3,859,920 | 72.97 | 1.97 | CS |
| CS943 | CS000943 | <i>Heliconius cydno ssp. weymeri f. weymeri</i> | Colombia | 3.4834 | -76.6158 | ERR3656235 | | 3,852,736 | 72.88 | 1.90 | CS |
| CS951 | CS000951 | <i>Heliconius cydno ssp. weymeri f. weymeri</i> | Colombia | 3.4834 | -76.6158 | ERR3652611 | | 3,857,073 | 73.09 | 1.73 | CS |
| CS960 | CS000960 | <i>Heliconius cydno ssp. weymeri f. weymeri</i> | Colombia | 3.4834 | -76.6158 | ERR3652377 | | 3,827,645 | 72.52 | 1.75 | CS |
| CS945 | CS000945 | <i>Heliconius cydno ssp. weymeri f. weymeri</i> | Colombia | 3.4834 | -76.6158 | ERR3652624 | | 3,879,725 | 73.38 | 1.93 | CS |
| CS2542 | CS002542 | <i>Heliconius cydno ssp. weymeri f. weymeri</i> | Colombia | 3.3242 | -76.6364 | ERR3652617 | | 3,844,853 | 72.78 | 1.84 | CS |
| CS939 | CS000939 | <i>Heliconius cydno ssp. weymeri f. weymeri</i> | Colombia | 3.4834 | -76.6158 | ERR3652380 | | 3,826,346 | 72.55 | 1.68 | CS |
| zel.CS1 | CS002242 | <i>Heliconius cydno ssp. zelinde</i> | Colombia | 3.9394 | -77.3689 | SAMEA104106540 | Enciso-Romero et al.[39] | 3,921,772 | 74.40 | 1.62 | WGS |
| zel.CS2 | CS002261 | <i>Heliconius cydno ssp. zelinde</i> | Colombia | 3.9394 | -77.3689 | SAMEA104106542 | Enciso-Romero et al.[39] | 3,932,964 | 74.03 | 2.40 | WGS |
| zel.CS30 | CS002260 | <i>Heliconius cydno ssp. zelinde</i> | Colombia | 3.9394 | -77.3689 | SAMEA104106543 | Enciso-Romero et al.[39] | 3,958,948 | 74.78 | 2.05 | WGS |
| zel.CS1028 | CS001028 | <i>Heliconius cydno ssp. zelinde</i> | Colombia | 3.9394 | -77.3689 | SAMEA104585054 | Van Belleghem et al.[51] | 3,901,819 | 73.44 | 2.39 | WGS |
| zel.CS1029 | CS001029 | <i>Heliconius cydno ssp. zelinde</i> | Colombia | 3.9583 | -77.3733 | SAMEA104585055 | Van Belleghem et al.[51] | 3,571,047 | 67.27 | 2.32 | WGS |
| zel.CS1030 | CS001030 | <i>Heliconius cydno ssp. zelinde</i> | Colombia | 3.9583 | -77.3733 | SAMEA104585056 | Van Belleghem et al.[51] | 3,559,106 | 67.05 | 2.30 | WGS |
| zel.CS1033 | CS001033 | <i>Heliconius cydno ssp. zelinde</i> | Colombia | 3.9394 | -77.3689 | SAMEA104585057 | Van Belleghem et al.[51] | 3,644,672 | 68.61 | 2.38 | WGS |

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|------------|--------------|--------------------------------------|----------|----------|-----------|----------------|--------------------------|--------------|------------------------------------|---|---|
| zel.CS1035 | CS001035 | <i>Heliconius cydno ssp. zelinde</i> | Colombia | 3.9394 | -77.3689 | SAMEA104585058 | Van Belleghem et al.[51] | 3,830,391 | 72.15 | 2.33 | WGS |
| zel.CS273 | CS000273 | <i>Heliconius cydno ssp. zelinde</i> | Colombia | 3.9394 | -77.3689 | SAMEA104585059 | Van Belleghem et al.[51] | 3,841,140 | 72.49 | 2.14 | WGS |
| zel.CS2262 | CS002262 | <i>Heliconius cydno ssp. zelinde</i> | Colombia | 3.9394 | -77.3689 | SAMEA3670517 | Enciso-Romero et al.[39] | 3,249,828 | 61.23 | 2.29 | WGS |
| PS17434 | CAM017434 | <i>Heliconius elevatus</i> | Ecuador | -1.2908 | -77.8419 | ERR3650582 | | 3,420,534 | 64.04 | 2.92 | CS |
| PS17411 | CAM017411 | <i>Heliconius elevatus</i> | Ecuador | -1.0157 | -77.5975 | ERR3650580 | | 3,442,881 | 64.69 | 2.57 | CS |
| PS17098 | CAM017098 | <i>Heliconius elevatus</i> | Ecuador | -1.0614 | -77.6684 | ERR3650528 | | 3,403,379 | 63.73 | 2.89 | CS |
| PS16984 | CAM016984 | <i>Heliconius elevatus</i> | Ecuador | -1.1878 | -77.8311 | ERR3652622 | | 3,418,205 | 64.08 | 2.78 | CS |
| PS16933 | CAM016933 | <i>Heliconius elevatus</i> | Ecuador | -1.1156 | -77.7783 | ERR3652620 | | 3,409,748 | 63.99 | 2.68 | CS |
| PS16781 | CAM016781 | <i>Heliconius elevatus</i> | Ecuador | -1.3382 | -77.8354 | ERR3650705 | | 3,403,394 | 63.81 | 2.78 | CS |
| PS16776 | CAM016776 | <i>Heliconius elevatus</i> | Ecuador | -1.2519 | -77.8196 | ERR3652585 | | 3,413,732 | 63.89 | 2.95 | CS |
| PS16626 | CAM016626 | <i>Heliconius elevatus</i> | Ecuador | -1.1156 | -77.7783 | ERR3650525 | | 3,400,423 | 63.68 | 2.89 | CS |
| PS16607 | CAM016607 | <i>Heliconius elevatus</i> | Ecuador | -1.1156 | -77.7783 | ERR3652618 | | 3,423,138 | 64.13 | 2.85 | CS |
| PS16596 | CAM016596 | <i>Heliconius elevatus</i> | Ecuador | -1.1156 | -77.7783 | ERR3650679 | | 3,411,721 | 63.91 | 2.86 | CS |
| PS16439 | CAM016439 | <i>Heliconius elevatus</i> | Ecuador | -1.1878 | -77.8311 | ERR3650587 | | 3,375,448 | 63.24 | 2.84 | CS |
| PS16216 | CAM016216 | <i>Heliconius elevatus</i> | Ecuador | -1.1156 | -77.7783 | ERR3652588 | | 3,409,726 | 63.83 | 2.92 | CS |
| PS16209 | CAM016209 | <i>Heliconius elevatus</i> | Ecuador | -1.1156 | -77.7783 | ERR3650585 | | 3,393,480 | 63.77 | 2.55 | CS |
| PS16207 | CAM016207 | <i>Heliconius elevatus</i> | Ecuador | -1.1156 | -77.7783 | ERR3652616 | | 3,417,159 | 63.96 | 2.93 | CS |
| CAM008861 | CAM008861 | <i>Heliconius hecale</i> | Panamá | 7.7568 | -77.6841 | ERR3653121 | | 3,467,332 | 65.32 | 2.30 | CS |
| CAM008683 | CAM008683 | <i>Heliconius hecale</i> | Peru | -6.2897 | -76.2289 | ERR3653122 | | 3,431,006 | 64.70 | 2.22 | CS |
| heu.CS18 | CS00CH18 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3653294 | | 3,999,662 | 76.08 | 1.36 | WGS |
| CS2014 | CS002014 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3651489 | | 3,876,614 | 73.70 | 1.42 | CS |
| CS2420 | CS002420 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3656290 | | 3,852,612 | 73.37 | 1.24 | CS |
| CS3394 | CS003394 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3652415 | | 3,843,551 | 73.12 | 1.35 | CS |
| CS3424 | CS003424 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3652412 | | 3,837,343 | 73.07 | 1.26 | CS |
| CS1510 | CS001510 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3652409 | | 3,838,220 | 72.95 | 1.45 | CS |
| CS3392 | CS003392 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3652403 | | 3,846,603 | 73.24 | 1.26 | CS |
| CS3843 | CS003843 | <i>Heliconius heurippa</i> | Colombia | 3.5667 | -74.0761 | ERR3652584 | | 3,849,937 | 73.16 | 1.45 | CS |
| CS3391 | CS003391 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3651475 | | 3,880,909 | 73.93 | 1.22 | CS |
| CS3696 | CS003696 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3652406 | | 3,812,208 | 72.53 | 1.35 | CS |
| CS3393 | CS003393 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3651487 | | 3,864,380 | 73.45 | 1.44 | CS |
| CS3423 | CS003423 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3651427 | | 3,887,467 | 73.92 | 1.40 | CS |
| CS1353 | CS001353 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3651492 | | 3,877,700 | 73.79 | 1.32 | CS |
| CS2012 | CS002012 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3651482 | | 3,880,389 | 74.07 | 1.01 | CS |
| CS2618 | CS002618 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3652418 | | 3,837,340 | 73.02 | 1.33 | CS |
| CS3007 | CS003007 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3651479 | | 3,858,645 | 73.33 | 1.45 | CS |
| CS1352 | CS001352 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3651483 | | 3,858,710 | 73.53 | 1.18 | CS |
| CS3844 | CS003844 | <i>Heliconius heurippa</i> | Colombia | 3.5667 | -74.0761 | ERR3652577 | | 3,848,242 | 73.03 | 1.60 | CS |
| CS3397 | CS003397 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3651478 | | 3,881,108 | 73.43 | 1.89 | CS |

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|------------|--------------|---|----------|----------|-----------|----------------|-------------------------------------|--------------|------------------------------------|--|---|
| CS2204 | CS002204 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3652421 | | 3,824,158 | 72.79 | 1.30 | CS |
| heu.CS20 | CS00CH21 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | SAMEA104585060 | Van Belleghem et al.[51] | 3,926,742 | 74.58 | 1.51 | WGS |
| CS000CH9 | CS000CH9 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | SAMEA1322902 | The Heliconius Consortium [44]; RAD | 4,080,230 | 77.72 | 1.23 | WGS |
| heu.STRI2 | STRI_002 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | SAMEA3670535 | Wallbank et al.[36] | 3,754,542 | 71.42 | 1.36 | WGS |
| CS2013 | CS002013 | <i>Heliconius heurippa</i> | Colombia | 4.1750 | -73.6781 | ERR3651485 | | 3,883,113 | 73.32 | 2.09 | CS |
| CAM002700 | CAM002700 | <i>Heliconius ismenius</i> | Panamá | 9.1366 | -79.7236 | ERR3653123 | | 3,268,849 | 62.18 | 1.36 | CS |
| CAM002517 | CAM002517 | <i>Heliconius ismenius</i> | Panamá | 9.1366 | -79.7236 | ERR3653124 | | 3,396,394 | 64.28 | 1.86 | CS |
| melP.HGC1 | gen_ref | <i>Heliconius melpomene</i> reference genome | - | - | - | SAMN00794386 | The Heliconius Consortium [44] | 4,418,717 | 84.76 | 0.53 | WGS |
| agl.JM108 | JM-09-108 | <i>Heliconius melpomene</i> ssp. <i>aglaope</i> | Peru | -5.9103 | -76.2256 | SAMEA1919251 | Martin et al.[71] | 3,705,462 | 69.73 | 2.42 | WGS |
| agl.JM572 | JM-11-572 | <i>Heliconius melpomene</i> ssp. <i>aglaope</i> | Peru | -5.9717 | -76.2319 | SAMEA1919259 | Martin et al.[71] | 3,777,573 | 71.08 | 2.43 | WGS |
| agl.JM112 | JM-09-112 | <i>Heliconius melpomene</i> ssp. <i>aglaope</i> | Peru | -5.9103 | -76.2256 | SAMEA1919264 | Martin et al.[71] | 3,785,847 | 71.25 | 2.41 | WGS |
| agl.JM569 | JM-11-569 | <i>Heliconius melpomene</i> ssp. <i>aglaope</i> | Peru | -5.9717 | -76.2319 | SAMEA1919274 | Martin et al.[71] | 3,823,969 | 71.97 | 2.40 | WGS |
| MJ12-3414 | MJ12-3414 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4540 | -76.3002 | ERR3650522 | | 3,537,813 | 66.92 | 1.91 | CS |
| MJ12-3397 | MJ12-3397 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650521 | | 3,511,652 | 66.44 | 1.89 | CS |
| MJ12-3302 | MJ12-3302 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650487 | | 3,586,055 | 67.84 | 1.90 | CS |
| MJ12-3074 | MJ12-3074 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650470 | | 3,356,271 | 63.55 | 1.81 | CS |
| MJ12-3371 | MJ12-3371 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650513 | | 3,513,745 | 66.47 | 1.90 | CS |
| MJ12-3442 | MJ12-3442 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4547 | -76.2994 | ERR3650529 | | 3,554,687 | 67.20 | 1.97 | CS |
| MJ12-3416 | MJ12-3416 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4537 | -76.2981 | ERR3650524 | | 3,491,823 | 65.99 | 2.00 | CS |
| MJ12-3393 | MJ12-3393 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650516 | | 3,584,960 | 67.85 | 1.86 | CS |
| MJ12-3417 | MJ12-3417 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4537 | -76.2981 | ERR3650526 | | 3,547,133 | 67.04 | 1.99 | CS |
| MJ12-3267 | MJ12-3267 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3656073 | | 3,360,799 | 63.64 | 1.80 | CS |
| MJ12-3474 | MJ12-3474 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4537 | -76.2981 | ERR3650584 | | 3,575,687 | 67.61 | 1.94 | CS |
| MJ12-3467 | MJ12-3467 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650583 | | 3,555,664 | 67.22 | 1.97 | CS |
| MJ12-3482 | MJ12-3482 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4524 | -76.2869 | ERR3650586 | | 3,568,507 | 67.46 | 1.97 | CS |
| MJ12-3306 | MJ12-3306 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4572 | -76.2986 | ERR3650488 | | 3,570,395 | 67.53 | 1.91 | CS |
| MJ11-3018 | MJ11-3018 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4567 | -76.2845 | ERR3650480 | | 3,409,538 | 64.54 | 1.85 | CS |
| MJ12-3418 | MJ12-3418 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4537 | -76.2981 | ERR3650527 | | 3,577,439 | 67.60 | 2.01 | CS |
| MJ12-3585 | MJ12-3585 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650472 | | 3,428,919 | 64.91 | 1.83 | CS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|---------------|--------------|---|---------|----------|-----------|----------------|----------------------------------|--------------|------------------------------------|---|---|
| MJ12-3466 | MJ12-3466 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4530 | -76.2876 | ERR3650581 | | 3,580,238 | 67.72 | 1.92 | CS |
| MJ12-3137 | MJ12-3137 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4547 | -76.2994 | ERR3650486 | | 3,195,835 | 60.21 | 2.30 | CS |
| MJ12-3394 | MJ12-3394 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650518 | | 3,426,831 | 64.84 | 1.89 | CS |
| MJ12-3453 | MJ12-3453 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4537 | -76.2981 | ERR3650579 | | 3,521,043 | 66.65 | 1.84 | CS |
| MJ12-3392 | MJ12-3392 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650515 | | 3,585,104 | 67.79 | 1.94 | CS |
| MJ11-3021 | MJ11-3021 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4555 | -76.2843 | ERR3650481 | | 3,354,395 | 63.45 | 1.92 | CS |
| MJ11-3024 | MJ11-3024 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4555 | -76.2843 | ERR3650483 | | 3,399,058 | 64.35 | 1.83 | CS |
| MJ11-3023 | MJ11-3023 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4555 | -76.2843 | ERR3650482 | | 3,388,398 | 64.12 | 1.86 | CS |
| MJ12-3483 | MJ12-3483 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650471 | | 3,398,807 | 64.32 | 1.87 | CS |
| MJ12-3396 | MJ12-3396 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | ERR3650519 | | 3,575,104 | 67.60 | 1.94 | CS |
| MJ12-3130 | MJ12-3130 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4572 | -76.2986 | ERR3650485 | | 3,475,149 | 65.79 | 1.83 | CS |
| ama.MJ11-3188 | MJ11-3188 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -5.6728 | -77.7195 | SAMEA104585061 | Van Belleghem <i>et al.</i> [51] | 3,432,288 | 64.83 | 2.05 | WGS |
| ama.MJ11-3189 | MJ11-3189 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -5.6728 | -77.7195 | SAMEA104585062 | Van Belleghem <i>et al.</i> [51] | 3,502,389 | 66.25 | 1.92 | WGS |
| ama.MJ11-3202 | MJ11-3202 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -5.6745 | -77.6711 | SAMEA104585063 | Van Belleghem <i>et al.</i> [51] | 3,365,693 | 63.43 | 2.28 | WGS |
| ama.MJ12-3217 | MJ12-3217 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4547 | -76.2994 | SAMEA104585064 | Van Belleghem <i>et al.</i> [51] | 3,742,548 | 70.64 | 2.13 | WGS |
| ama.MJ12-3258 | MJ12-3258 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4530 | -76.2876 | SAMEA104585065 | Van Belleghem <i>et al.</i> [51] | 3,648,380 | 68.72 | 2.32 | WGS |
| ama.MJ12-3301 | MJ12-3301 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4528 | -76.2862 | SAMEA104585066 | Van Belleghem <i>et al.</i> [51] | 3,655,176 | 69.06 | 2.02 | WGS |
| ama.JM160 | JM-11-160 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4645 | -76.3514 | SAMEA1919275 | Martin <i>et al.</i> [71] | 3,911,236 | 73.79 | 2.17 | WGS |
| ama.JM216 | JM-09-216 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -5.6745 | -77.6748 | SAMEA1919261 | Martin <i>et al.</i> [71] | 3,823,200 | 72.18 | 2.10 | WGS |
| ama.JM48 | JM-11-48 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.0960 | -76.9774 | SAMEA1919269 | Martin <i>et al.</i> [71] | 3,945,310 | 74.40 | 2.21 | WGS |
| ama.JM293 | JM-11-293 | <i>Heliconius melpomene</i> ssp. <i>amaryllis</i> | Peru | -6.4667 | -76.3347 | SAMEA1919277 | Martin <i>et al.</i> [71] | 3,935,343 | 74.27 | 2.13 | WGS |
| GM184_4 | CAM019822 | <i>Heliconius melpomene</i> ssp. <i>burchelli</i> | Brazil | -6.9639 | -46.6799 | ERR3652645 | | 3,841,610 | 72.76 | 1.78 | CS |
| GM184_3 | CAM019821 | <i>Heliconius melpomene</i> ssp. <i>burchelli</i> | Brazil | -6.9639 | -46.6799 | ERR3652643 | | 3,852,678 | 72.93 | 1.84 | CS |
| GM184_1 | CAM019820 | <i>Heliconius melpomene</i> ssp. <i>burchelli</i> | Brazil | -6.9639 | -46.6799 | ERR3652640 | | 3,852,984 | 72.96 | 1.81 | CS |
| s15N005 | 15N005 | <i>Heliconius melpomene</i> ssp. <i>cythera</i> | Ecuador | 0.1753 | -78.9075 | ERR3651486 | | 4,051,459 | 76.58 | 1.98 | CS |
| s15N006 | 15N006 | <i>Heliconius melpomene</i> ssp. <i>cythera</i> | Ecuador | 0.1937 | -78.8587 | ERR3651488 | | 4,062,354 | 76.87 | 1.88 | CS |
| s15N009 | 15N009 | <i>Heliconius melpomene</i> ssp. <i>cythera</i> | Ecuador | 0.1753 | -78.9075 | ERR3652194 | | 4,097,078 | 77.41 | 2.02 | CS |
| s15N022 | 15N022 | <i>Heliconius melpomene</i> ssp. <i>cythera</i> | Ecuador | 0.1850 | -78.8530 | ERR3656234 | | 4,061,051 | 76.72 | 2.04 | CS |
| 14N594 | 14N594 | <i>Heliconius melpomene</i> ssp. <i>cythera</i> | Ecuador | 0.1659 | -78.8882 | ERR3651428 | | 3,984,318 | 75.31 | 1.98 | CS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|-----------------------|--------------|---|----------|----------|-----------|----------------------------|--|--------------|------------------------------------|---|---|
| s15N008 | 15N008 | <i>Heliconius melpomene</i> ssp. <i>cythera</i> | Ecuador | 0.1850 | -78.8530 | ERR3651491 | | 4,065,406 | 76.90 | 1.91 | CS |
| s15N023 | 15N023 | <i>Heliconius melpomene</i> ssp. <i>cythera</i> | Ecuador | 0.1937 | -78.8587 | ERR3652351 | | 4,074,163 | 77.15 | 1.81 | CS |
| s15N020 | 15N020 | <i>Heliconius melpomene</i> ssp. <i>cythera</i> | Ecuador | 0.1850 | -78.8530 | ERR3652348 | | 4,064,674 | 76.85 | 1.96 | CS |
| s15N004 | 15N004 | <i>Heliconius melpomene</i> ssp. <i>cythera</i> | Ecuador | 0.1753 | -78.9075 | ERR3651484 | | 4,077,502 | 77.11 | 1.93 | CS |
| CAM002856_ER R1143591 | CAM002856 | <i>Heliconius melpomene</i> ssp. <i>cythera</i> | Ecuador | -0.3197 | -79.3370 | SAMEA3670 542 | Wallbank <i>et al.</i> [36] | 3,223,375 | 60.67 | 2.39 | WGS |
| CAM009116 | CAM009116 | <i>Heliconius melpomene</i> ssp. <i>ecuadoriensis</i> | Ecuador | -4.0439 | -78.9861 | ERR3652382 | | 3,878,044 | 73.89 | 1.20 | CS |
| CAM009119 | CAM009119 | <i>Heliconius melpomene</i> ssp. <i>ecuadoriensis</i> | Ecuador | -4.0439 | -78.9861 | ERR3652387 | | 3,857,233 | 72.72 | 2.23 | CS |
| CAM009118 | CAM009118 | <i>Heliconius melpomene</i> ssp. <i>ecuadoriensis</i> | Ecuador | -4.0439 | -78.9861 | ERR3652385 | | 3,883,754 | 73.22 | 2.23 | CS |
| CAM009115 | CAM009115 | <i>Heliconius melpomene</i> ssp. <i>ecuadoriensis</i> | Ecuador | -4.0439 | -78.9861 | ERR3652379 | | 3,866,026 | 72.92 | 2.19 | CS |
| CAM009114 | CAM009114 | <i>Heliconius melpomene</i> ssp. <i>ecuadoriensis</i> | Ecuador | -4.0439 | -78.9861 | ERR3652376 | | 3,887,362 | 73.28 | 2.24 | CS |
| CAM009113 | CAM009113 | <i>Heliconius melpomene</i> ssp. <i>ecuadoriensis</i> | Ecuador | -4.0439 | -78.9861 | ERR3651418 | | 3,864,300 | 72.87 | 2.22 | CS |
| CAM002432 | CAM002432 | <i>Heliconius melpomene</i> ssp. <i>ecuadoriensis</i> | Ecuador | -4.0653 | -78.9587 | ERR3651415 | | 3,869,756 | 73.02 | 2.15 | CS |
| CAM002430 | CAM002430 | <i>Heliconius melpomene</i> ssp. <i>ecuadoriensis</i> | Ecuador | -4.0653 | -78.9587 | ERR3652372 | | 3,910,420 | 73.75 | 2.20 | CS |
| CAM002417 | CAM002417 | <i>Heliconius melpomene</i> ssp. <i>ecuadoriensis</i> | Ecuador | -4.0653 | -78.9587 | ERR3651374 | | 3,874,823 | 73.06 | 2.23 | CS |
| CAM009112 | CAM009112 | <i>Heliconius melpomene</i> ssp. <i>ecuadoriensis</i> | Ecuador | -4.0439 | -78.9861 | ERR3653529 (SAMEA1322 914) | The Heliconius Consortium[44]; RAD; SureSelect | 3,872,864 | 73.07 | 2.17 | CS |
| CS3447 | CS003447 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | ERR3652346 | | 3,738,051 | 70.61 | 2.05 | CS |
| CS3706 | CS003706 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | ERR3652358 | | 3,791,670 | 71.98 | 1.56 | CS |
| CS3542 | CS003542 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.7506 | -75.6319 | ERR3652352 | | 3,790,119 | 71.49 | 2.19 | CS |
| CS3728 | CS003728 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | ERR3652364 | | 3,779,425 | 71.29 | 2.18 | CS |
| CS583 | CS000583 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | ERR3651426 | | 3,675,883 | 69.34 | 2.18 | CS |
| CS3109 | CS003109 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.7108 | -75.7089 | ERR3652399 | | 3,823,774 | 72.05 | 2.29 | CS |
| CS3366 | CS003366 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.7108 | -75.7089 | ERR3656292 | | 3,791,556 | 71.50 | 2.21 | CS |
| CS3541 | CS003541 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.7506 | -75.6319 | ERR3652349 | | 3,795,645 | 71.58 | 2.21 | CS |
| CS3543 | CS003543 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.7506 | -75.6319 | ERR3652355 | | 3,816,480 | 71.98 | 2.20 | CS |
| CS3815 | CS003815 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | ERR3652374 | | 3,725,648 | 70.29 | 2.17 | CS |
| CS3730 | CS003730 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | ERR3652368 | | 3,780,839 | 71.51 | 1.92 | CS |
| CS470 | CS000470 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | ERR3651419 | | 3,627,455 | 68.43 | 2.18 | CS |
| CS3709 | CS003709 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | ERR3652361 | | 3,718,116 | 70.24 | 2.03 | CS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|------------|--------------|---|----------|----------|-----------|----------------|--------------------------|--------------|------------------------------------|---|---|
| mal.CS1002 | CS001002 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | SAMEA104585067 | Van Belleghem et al.[51] | 3,648,672 | 68.78 | 2.24 | WGS |
| mal.CS1011 | CS001011 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | SAMEA104585068 | Van Belleghem et al.[51] | 3,425,148 | 64.49 | 2.36 | WGS |
| mal.CS1815 | CS001815 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | SAMEA104585069 | Van Belleghem et al.[51] | 3,439,461 | 64.91 | 2.14 | WGS |
| mal.CS586 | CS000586 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | SAMEA104585071 | Van Belleghem et al.[51] | 3,350,546 | 63.08 | 2.37 | WGS |
| mal.CS594 | CS000594 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | SAMEA104585072 | Van Belleghem et al.[51] | 3,889,131 | 73.23 | 2.36 | WGS |
| mal.CS604 | CS000604 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | SAMEA104585073 | Van Belleghem et al.[51] | 3,785,826 | 71.33 | 2.30 | WGS |
| mal.CS615 | CS000615 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8033 | -75.6553 | SAMEA104585074 | Van Belleghem et al.[51] | 3,614,972 | 68.10 | 2.31 | WGS |
| mal.CS21 | CS002311 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.8136 | -75.6686 | SAMEA3723397 | Enciso-Romero et al.[39] | 3,918,174 | 73.70 | 2.46 | WGS |
| mal.CS22 | CS001286 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.6097 | -75.6669 | SAMEA3723398 | Enciso-Romero et al.[39] | 3,899,819 | 73.41 | 2.39 | WGS |
| mal.CS24 | CS001321 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Colombia | 1.7506 | -75.6319 | SAMEA3723399 | Enciso-Romero et al.[39] | 3,845,940 | 72.38 | 2.41 | WGS |
| PS17381 | CAM017381 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.0983 | -77.5839 | ERR3652414 | | 3,695,732 | 69.70 | 2.20 | CS |
| PS17120 | CAM017120 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.0916 | -77.7200 | ERR3652601 | | 3,726,292 | 70.25 | 2.24 | CS |
| CAM017091 | CAM017091 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.0614 | -77.6684 | ERR3653410 | | 3,579,661 | 67.51 | 2.20 | CS |
| CAM017089 | CAM017089 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.0614 | -77.6684 | ERR3653411 | | 3,593,930 | 67.74 | 2.26 | CS |
| PS17073 | CAM017073 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1684 | -77.7811 | ERR3652598 | | 3,719,819 | 70.14 | 2.23 | CS |
| CAM017070 | CAM017070 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1684 | -77.7811 | ERR3653412 | | 3,603,436 | 67.92 | 2.26 | CS |
| CAM017069 | CAM017069 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1684 | -77.7811 | ERR3653413 | | 3,611,832 | 68.07 | 2.27 | CS |
| CAM017064 | CAM017064 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1684 | -77.7811 | ERR3653414 | | 3,579,409 | 67.50 | 2.21 | CS |
| PS17049 | CAM017049 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1684 | -77.7811 | ERR3652594 | | 3,701,041 | 69.80 | 2.21 | CS |
| PS17030 | CAM017030 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.0916 | -77.7200 | ERR3652592 | | 3,706,478 | 69.91 | 2.19 | CS |
| CAM016956 | CAM016956 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1156 | -77.7783 | ERR3653415 | | 3,557,390 | 67.11 | 2.17 | CS |
| CAM016955 | CAM016955 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1156 | -77.7783 | ERR3653416 | | 3,624,964 | 68.34 | 2.24 | CS |
| CAM016954 | CAM016954 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1156 | -77.7783 | ERR3653417 | | 3,586,392 | 67.65 | 2.19 | CS |
| PS16772 | CAM016772 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.2519 | -77.8196 | ERR3652411 | | 3,697,550 | 69.70 | 2.25 | CS |
| PS16766 | CAM016766 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.2519 | -77.8196 | ERR3652408 | | 3,730,622 | 70.35 | 2.21 | CS |
| CAM016611 | CAM016611 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1156 | -77.7783 | ERR3653419 | | 3,635,301 | 68.54 | 2.23 | CS |
| CAM016610 | CAM016610 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1156 | -77.7783 | ERR3653420 | | 3,606,744 | 68.01 | 2.22 | CS |
| CAM016609 | CAM016609 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1156 | -77.7783 | ERR3653421 | | 3,592,637 | 67.74 | 2.22 | CS |
| CAM016606 | CAM016606 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1156 | -77.7783 | ERR3653422 | | 3,575,042 | 67.39 | 2.26 | CS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|--------------|--------------|---|---------------|----------|-----------|----------------|---------------------------|--------------|------------------------------------|---|---|
| CAM016599 | CAM016599 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1156 | -77.7783 | ERR3653423 | | 3,613,904 | 68.14 | 2.22 | CS |
| CAM016549 | CAM016549 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.0614 | -77.6684 | ERR3653424 | | 3,623,370 | 68.30 | 2.25 | CS |
| CAM016547 | CAM016547 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.0614 | -77.6684 | ERR3653425 | | 3,645,314 | 68.69 | 2.28 | CS |
| CAM016546 | CAM016546 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.0614 | -77.6684 | ERR3653427 | | 3,615,315 | 68.10 | 2.32 | CS |
| CAM016544 | CAM016544 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.0614 | -77.6684 | ERR3653428 | | 3,593,545 | 67.75 | 2.24 | CS |
| CAM016541 | CAM016541 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.0614 | -77.6684 | ERR3653429 | | 3,604,024 | 67.93 | 2.26 | CS |
| PS16465 | CAM016465 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1878 | -77.8311 | ERR3652405 | | 3,699,981 | 69.74 | 2.26 | CS |
| CAM016267 | CAM016267 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.2510 | -77.6989 | ERR3653409 | | 3,627,980 | 68.39 | 2.24 | CS |
| CAM016224 | CAM016224 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.1156 | -77.7783 | ERR3653430 | | 3,533,002 | 66.66 | 2.16 | CS |
| PS16144 | CAM016144 | <i>Heliconius melpomene</i> ssp. <i>malleti</i> | Ecuador | -1.4161 | -77.7290 | ERR3652402 | | 3,711,697 | 70.00 | 2.20 | CS |
| CS1456 | CS001456 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.1789 | -73.6494 | ERR3652363 | | 4,016,701 | 75.81 | 2.13 | CS |
| CS1055 | CS001055 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.0052 | -73.7775 | ERR3652360 | | 4,016,080 | 75.83 | 2.09 | CS |
| CS1669 | CS001669 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | ERR3652384 | | 3,985,424 | 75.67 | 1.55 | CS |
| CS1120 | CS001120 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.0052 | -73.7775 | ERR3652388 | | 4,028,453 | 76.02 | 2.14 | CS |
| CS1057 | CS001057 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | ERR3652381 | | 4,003,690 | 75.55 | 2.15 | CS |
| CS1058 | CS001058 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | ERR3652366 | | 3,978,857 | 75.20 | 2.00 | CS |
| CS3255 | CS003255 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | ERR3656291 | | 4,015,755 | 75.89 | 2.00 | CS |
| CS3758 | CS003758 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | ERR3652400 | | 4,005,712 | 75.68 | 2.03 | CS |
| CS1059 | CS001059 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | ERR3652354 | | 4,007,649 | 75.75 | 1.99 | CS |
| CS1060 | CS001060 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | ERR3656289 | | 3,985,438 | 75.49 | 1.77 | CS |
| CS1061 | CS001061 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | ERR3652357 | | 4,012,207 | 75.76 | 2.08 | CS |
| CS3757 | CS003757 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | ERR3652397 | | 4,000,033 | 75.56 | 2.05 | CS |
| CS1062 | CS001062 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | ERR3652378 | | 4,016,089 | 76.03 | 1.83 | CS |
| melC.CS3 | CS000CM3 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | SAMEA3723393 | Martin <i>et al.</i> [71] | 4,161,140 | 78.65 | 1.99 | WGS |
| melC.CS6 | CS000CM6 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 5.6169 | -72.3000 | SAMEA3723394 | Martin <i>et al.</i> [71] | 4,210,293 | 79.39 | 2.22 | WGS |
| melC.CS25 | CS000CM4 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | SAMEA3723400 | Martin <i>et al.</i> [71] | 4,102,616 | 77.43 | 2.13 | WGS |
| melC.CS26 | CS000CM5 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 4.2133 | -73.8028 | SAMEA3723401 | Martin <i>et al.</i> [71] | 4,073,969 | 77.06 | 1.91 | WGS |
| melC.CS27 | CS00CM10 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Colombia | 5.6169 | -72.3000 | SAMEA3723402 | Martin <i>et al.</i> [71] | 4,198,256 | 79.16 | 2.22 | WGS |
| melG.CAM8215 | CAM008215 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.7890 | -52.4040 | SAMEA104585079 | | 1,228,623 | 23.43 | 1.12 | WGS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of heterozygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|---------------|--------------|---|---------------|----------|-----------|---------------------------|--------------------------|--------------|------------------------------------|--|---|
| melG.CAM1349 | CAM001349 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.9632 | -52.4200 | SAMEA104585075 | Van Belleghem et al.[51] | 3,507,398 | 66.40 | 1.83 | WGS |
| melG.CAM1422 | CAM001422 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.9632 | -52.4200 | SAMEA104585076 | Van Belleghem et al.[51] | 3,217,943 | 60.93 | 1.82 | WGS |
| melG.CAM2035 | CAM002035 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.9632 | -52.4200 | SAMEA104585077 | Van Belleghem et al.[51] | 3,687,629 | 69.79 | 1.86 | WGS |
| melG.CAM8171 | CAM008171 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.9632 | -52.4200 | SAMEA104585078 | Van Belleghem et al.[51] | 3,466,269 | 65.62 | 1.84 | WGS |
| melG.CAM8216 | CAM008216 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.7890 | -52.4040 | SAMEA104585080 | Van Belleghem et al.[51] | 3,654,987 | 69.19 | 1.84 | WGS |
| melG.CAM8218 | CAM008218 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.7890 | -52.4040 | SAMEA104585081 | Van Belleghem et al.[51] | 3,464,056 | 65.56 | 1.86 | WGS |
| melG.C.J9316 | CAM009316 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.9632 | -52.4200 | SAMEA1919252 | Martin et al.[71] | 3,238,215 | 61.34 | 1.77 | WGS |
| melG.C.J9317 | CAM009317 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.9632 | -52.4200 | SAMEA1919267 | Martin et al.[71] | 3,798,559 | 71.89 | 1.86 | WGS |
| melG.C.J9315 | CAM009315 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.9632 | -52.4200 | SAMEA1919270 | Martin et al.[71] | 3,349,594 | 63.43 | 1.81 | WGS |
| melG.C.J13435 | CAM013435 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | French Guiana | 4.9632 | -52.4200 | SAMEA1919276 | Martin et al.[71] | 3,827,918 | 72.44 | 1.87 | WGS |
| nan.CAM14673 | CAM014673 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Panamá | 8.6136 | -78.1398 | SAMEA104585082 | | 4,131,231 | 77.88 | 2.25 | WGS |
| CAM014662 | CAM014662 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Panamá | 8.6136 | -78.1398 | ERR3652652 | | 4,102,605 | 77.51 | 2.03 | CS |
| CAM014654 | CAM014654 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Panamá | 8.6136 | -78.1398 | ERR3652647 | | 4,110,765 | 77.69 | 2.00 | CS |
| CAM008956 | CAM008956 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Panamá | 7.6362 | -78.1897 | ERR3652656 | | 4,112,268 | 77.60 | 2.15 | CS |
| CAM008954 | CAM008954 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Panamá | 7.6362 | -78.1897 | ERR3652649 | | 4,109,799 | 77.65 | 2.02 | CS |
| CAM008887 | CAM008887 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Panamá | 7.7568 | -77.6841 | ERR3652654 | | 4,116,541 | 77.77 | 2.04 | CS |
| melP.C.J18038 | CAM018038 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Panamá | 8.6136 | -78.1398 | SAMEA1919255 | Martin et al.[71] | 4,127,165 | 77.92 | 2.09 | WGS |
| melP.C.J18097 | CAM018097 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Panamá | 8.2797 | -77.8098 | SAMEA1919258 | Martin et al.[71] | 2,597,633 | 49.02 | 2.13 | WGS |
| CS2174 | CS002174 | <i>Heliconius melpomene</i> ssp. <i>melpomene</i> | Venezuela | 7.5878 | -72.1275 | ERR3652375 | | 4,020,251 | 75.92 | 2.08 | CS |
| CAM013819 | CAM013819 | <i>Heliconius melpomene</i> ssp. <i>meriana</i> | French Guiana | 3.6883 | -54.0825 | ERR3653533 (SAMEA3670554) | Martin et al.[71] | 3,812,465 | 72.12 | 1.91 | CS |
| CAM013715 | CAM013715 | <i>Heliconius melpomene</i> ssp. <i>meriana</i> | French Guiana | 3.6883 | -54.0825 | ERR3653532 (SAMEA3670555) | Martin et al.[71] | 3,828,840 | 72.51 | 1.79 | CS |
| SHM21055 | CAM021055 | <i>Heliconius melpomene</i> ssp. <i>meriana</i> | Suriname | 5.0818 | -54.9791 | ERR3652641 | | 3,874,135 | 73.31 | 1.88 | CS |
| RW12 | CAM019804 | <i>Heliconius melpomene</i> ssp. <i>'meriana'</i> | England | 52.1905 | -1.7037 | ERR3653118 | | 3,860,439 | 73.04 | 1.88 | CS |
| RW9 | CAM019803 | <i>Heliconius melpomene</i> ssp. <i>'meriana'</i> | England | 52.1905 | -1.7037 | ERR3653119 | | 3,814,479 | 72.17 | 1.89 | CS |
| RW5 | CAM019801 | <i>Heliconius melpomene</i> ssp. <i>'meriana'</i> | England | 52.1905 | -1.7037 | ERR3653120 | | 3,760,066 | 71.32 | 1.64 | CS |
| RW4 | CAM019800 | <i>Heliconius melpomene</i> ssp. <i>'meriana'</i> | England | 52.1905 | -1.7037 | ERR3652642 | | 3,884,713 | 73.88 | 1.38 | CS |
| nan.183-18 | CAM019828 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -3.8692 | -41.0192 | ERR3653304 | | 3,947,974 | 74.67 | 1.92 | WGS |
| nan.183-16 | CAM019827 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -3.8692 | -41.0192 | ERR3653393 | | 3,930,012 | 74.39 | 1.85 | WGS |
| nan.183-14 | CAM019826 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -3.8692 | -41.0192 | ERR3653400 | | 3,625,799 | 68.79 | 1.61 | WGS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|-------------|--------------|--|---------|----------|-----------|-----------------------------|----------------------------------|--------------|------------------------------------|---|---|
| nan.183-11 | CAM019825 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -3.8692 | -41.0192 | ERR3653404 | | 3,207,112 | 60.92 | 1.49 | WGS |
| nan.183-10 | CAM019824 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -3.8692 | -41.0192 | ERR3653408 | | 3,844,584 | 72.75 | 1.88 | WGS |
| GM209_26 | CAM019808 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -15.4201 | -39.4964 | ERR3652648 | | 3,860,711 | 74.03 | 0.56 | CS |
| GM183_19 | CAM019807 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -3.8692 | -41.0192 | ERR3652646 | | 3,707,040 | 70.20 | 1.80 | CS |
| GM183_15 | CAM019806 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -3.8692 | -41.0192 | ERR3652644 | | 3,885,848 | 73.57 | 1.83 | CS |
| MK000014 | MK000014 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -19.0984 | -40.1862 | SAMN04407968 | Zhang <i>et al.</i> [45] | 3,301,446 | 63.27 | 0.63 | WGS |
| MK000062 | MK000062 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -19.0984 | -40.1862 | ERR3653534 ; (SAMN04407969) | Zhang <i>et al.</i> [45] | 3,845,064 | 73.68 | 0.63 | CS |
| MK000063 | MK000063 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -19.0984 | -40.1862 | SAMN04407970 | Zhang <i>et al.</i> [45] | 3,710,880 | 71.16 | 0.56 | WGS |
| MK000064 | MK000064 | <i>Heliconius melpomene</i> ssp. <i>nanna</i> | Brazil | -19.0984 | -40.1862 | SAMN04407971 | Zhang <i>et al.</i> [45] | 3,984,097 | 76.34 | 0.64 | WGS |
| PS17613 | CAM017613 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.4224 | -78.1729 | ERR3652353 | | 3,868,444 | 73.25 | 1.81 | CS |
| PS17373 | CAM017373 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.4600 | -78.0728 | ERR3652365 | | 3,897,348 | 73.57 | 2.11 | CS |
| PS17363 | CAM017363 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.4600 | -78.0728 | ERR3652362 | | 3,888,631 | 73.47 | 2.02 | CS |
| PS17357 | CAM017357 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.4600 | -78.0728 | ERR3652359 | | 3,896,339 | 73.61 | 2.04 | CS |
| PS16913 | CAM016913 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.4371 | -78.1229 | ERR3650523 | | 3,839,335 | 72.55 | 2.01 | CS |
| PS16910 | CAM016910 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.4371 | -78.1229 | ERR3650520 | | 3,842,150 | 72.59 | 2.03 | CS |
| PS16691 | CAM016691 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.3980 | -78.1781 | ERR3652356 | | 3,862,444 | 73.00 | 2.00 | CS |
| PS16004 | CAM016004 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.4224 | -78.1729 | ERR3652579 | | 3,859,802 | 72.95 | 2.00 | CS |
| PS16003 | CAM016003 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.4224 | -78.1729 | ERR3656232 | | 3,879,223 | 73.31 | 2.00 | CS |
| PS16001 | CAM016001 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.4224 | -78.1729 | ERR3652350 | | 3,902,878 | 73.92 | 1.79 | CS |
| ple.CJ9156 | CAM009156 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.3980 | -78.1781 | SAMEA3670556 | Martin <i>et al.</i> [71] | 2,789,820 | 52.74 | 1.96 | WGS |
| ple.CJ16293 | CAM016293 | <i>Heliconius melpomene</i> ssp. <i>plesseni</i> | Ecuador | -1.4600 | -78.0728 | SAMEA3670557 | Martin <i>et al.</i> [71] | 2,610,868 | 49.33 | 2.02 | WGS |
| ros.CAM1841 | CAM001841 | <i>Heliconius melpomene</i> ssp. <i>rosina</i> | Panamá | 9.0760 | -79.6590 | SAMEA104585083 | Van Belleghem <i>et al.</i> [51] | 3,937,058 | 74.32 | 2.11 | WGS |
| ros.CAM1880 | CAM001880 | <i>Heliconius melpomene</i> ssp. <i>rosina</i> | Panamá | 9.0760 | -79.6590 | SAMEA104585084 | Van Belleghem <i>et al.</i> [51] | 3,970,697 | 74.99 | 2.07 | WGS |
| ros.CAM2045 | CAM002045 | <i>Heliconius melpomene</i> ssp. <i>rosina</i> | Panamá | 9.1103 | -79.6907 | SAMEA104585085 | Van Belleghem <i>et al.</i> [51] | 4,105,191 | 77.53 | 2.06 | WGS |
| ros.CAM2059 | CAM002059 | <i>Heliconius melpomene</i> ssp. <i>rosina</i> | Panamá | 9.1103 | -79.6907 | SAMEA104585086 | Van Belleghem <i>et al.</i> [51] | 4,154,613 | 78.51 | 2.01 | WGS |
| ros.CAM2519 | CAM002519 | <i>Heliconius melpomene</i> ssp. <i>rosina</i> | Panamá | 9.0109 | -79.5477 | SAMEA104585087 | Van Belleghem <i>et al.</i> [51] | 4,157,116 | 78.45 | 2.14 | WGS |
| ros.CAM2552 | CAM002552 | <i>Heliconius melpomene</i> ssp. <i>rosina</i> | Panamá | 9.0109 | -79.5477 | SAMEA104585088 | Van Belleghem <i>et al.</i> [51] | 3,520,446 | 66.52 | 2.02 | WGS |
| ros.CJ2071 | CAM002071 | <i>Heliconius melpomene</i> ssp. <i>rosina</i> | Panamá | 9.1103 | -79.6907 | SAMEA1919257 | Martin <i>et al.</i> [71] | 4,089,428 | 77.27 | 2.02 | WGS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|------------------|--------------|--|---------------|----------|-----------|----------------|---|--------------|------------------------------------|---|---|
| ros.CJ533 | CAM000533 | <i>Heliconius melpomene</i> ssp. <i>rosina</i> | Panamá | 9.1103 | -79.6907 | SAMEA1919260 | Martin <i>et al.</i> [71] | 3,442,199 | 65.09 | 1.94 | WGS |
| ros.CJ531 | CAM000531 | <i>Heliconius melpomene</i> ssp. <i>rosina</i> | Panamá | 9.1103 | -79.6907 | SAMEA1919271 | Martin <i>et al.</i> [71] | 3,556,153 | 67.21 | 1.99 | WGS |
| ros.CJ546 | CAM000546 | <i>Heliconius melpomene</i> ssp. <i>rosina</i> | Panamá | 9.1253 | -79.6932 | SAMEA1919279 | Martin <i>et al.</i> [71] | 3,445,216 | 65.14 | 1.96 | WGS |
| CS32533 | CS032533 | <i>Heliconius melpomene</i> ssp. <i>vicina</i> | Colombia | -4.1003 | -70.0417 | ERR3652420 | | 3,927,898 | 74.07 | 2.21 | CS |
| CS31744 | CS031744 | <i>Heliconius melpomene</i> ssp. <i>vicina</i> | Colombia | -4.1334 | -69.9415 | ERR3652417 | | 3,957,710 | 74.58 | 2.29 | CS |
| CS31755 | CS031755 | <i>Heliconius melpomene</i> ssp. <i>vicina</i> | Colombia | -4.1334 | -69.9415 | ERR3656233 | | 3,932,967 | 74.13 | 2.26 | CS |
| vul.CS3603 | CS003603 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Colombia | 3.5175 | -76.7572 | SAMEA104585091 | Van Belleghem <i>et al.</i> [51] | 4,205,795 | 79.50 | 1.98 | WGS |
| vul.CS3605 | CS003605 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Colombia | 3.5175 | -76.7572 | SAMEA104585092 | Van Belleghem <i>et al.</i> [51] | 4,193,786 | 79.25 | 2.01 | WGS |
| vul.CS3606 | CS003606 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Colombia | 3.5175 | -76.7572 | SAMEA104585093 | Van Belleghem <i>et al.</i> [51] | 4,162,523 | 78.55 | 2.14 | WGS |
| vul.CS3612 | CS003612 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Colombia | 3.5175 | -76.7572 | SAMEA104585094 | Van Belleghem <i>et al.</i> [51] | 4,201,547 | 79.77 | 1.54 | WGS |
| vul.CS3614 | CS003614 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Colombia | 3.5175 | -76.7572 | SAMEA104585095 | Van Belleghem <i>et al.</i> [51] | 3,861,940 | 72.92 | 2.09 | WGS |
| vul.CS3615 | CS003615 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Colombia | 3.5175 | -76.7572 | SAMEA104585096 | Van Belleghem <i>et al.</i> [51] | 3,717,208 | 70.41 | 1.78 | WGS |
| vul.CS3617 | CS003617 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Colombia | 3.5175 | -76.7572 | SAMEA104585097 | Van Belleghem <i>et al.</i> [51] | 3,805,245 | 71.87 | 2.06 | WGS |
| vul.CS3618 | CS003618 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Colombia | 3.5175 | -76.7572 | SAMEA104585098 | Van Belleghem <i>et al.</i> [51] | 3,820,701 | 72.46 | 1.66 | WGS |
| vul.CS3621 | CS003621 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Colombia | 3.5175 | -76.7572 | SAMEA104585099 | Van Belleghem <i>et al.</i> [51] | 3,742,085 | 70.61 | 2.15 | WGS |
| vul.CS10 | CS000710 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Colombia | 3.9000 | -76.6325 | SAMEA3723391 | Enciso-Romero <i>et al.</i> [39]; Martin <i>et al.</i> [71] | 4,255,149 | 80.43 | 1.98 | WGS |
| vul.CJ14632 | CAM014632 | <i>Heliconius melpomene</i> ssp. <i>vulcanus</i> | Panamá | 8.6136 | -78.1398 | SAMEA3670560 | Wallbank <i>et al.</i> [36] | 2,402,825 | 45.39 | 2.03 | WGS |
| MJ12-3636 | MJ12-3636 | <i>Heliconius melpomene</i> ssp. <i>xenoclea</i> | Peru | -11.0338 | -75.4091 | ERR3650418 | | 3,516,391 | 66.53 | 1.89 | CS |
| MJ12-3653 | MJ12-3653 | <i>Heliconius melpomene</i> ssp. <i>xenoclea</i> | Peru | -11.0338 | -75.4091 | ERR3650415 | | 3,659,935 | 69.21 | 1.93 | CS |
| MJ12-3605 | MJ12-3605 | <i>Heliconius melpomene</i> ssp. <i>xenoclea</i> | Peru | -11.1745 | -75.4035 | ERR3650416 | | 3,608,285 | 68.26 | 1.90 | CS |
| MJ12-3648 | MJ12-3648 | <i>Heliconius melpomene</i> ssp. <i>xenoclea</i> | Peru | -11.0338 | -75.4091 | ERR3650388 | | 3,603,354 | 68.16 | 1.92 | CS |
| MJ12-3647 | MJ12-3647 | <i>Heliconius melpomene</i> ssp. <i>xenoclea</i> | Peru | -11.0446 | -75.4133 | ERR3650469 | | 3,538,622 | 66.93 | 1.92 | CS |
| MJ12-3763 | MJ12-3763 | <i>Heliconius melpomene</i> ssp. <i>xenoclea</i> | Peru | -11.0338 | -75.4091 | ERR3650414 | | 3,584,335 | 67.83 | 1.86 | CS |
| MJ12-3651 | MJ12-3651 | <i>Heliconius melpomene</i> ssp. <i>xenoclea</i> | Peru | -11.0338 | -75.4091 | ERR3650387 | | 3,399,714 | 64.38 | 1.80 | CS |
| MJ12-3608 | MJ12-3608 | <i>Heliconius melpomene</i> ssp. <i>xenoclea</i> | Peru | -11.1745 | -75.4035 | ERR3650386 | | 3,379,925 | 64.01 | 1.80 | CS |
| MJ12-3606 | MJ12-3606 | <i>Heliconius melpomene</i> ssp. <i>xenoclea</i> | Peru | -11.1745 | -75.4035 | ERR3650417 | | 3,527,682 | 66.74 | 1.89 | CS |
| MJ12-3638 | MJ12-3638 | <i>Heliconius melpomene</i> ssp. <i>xenoclea</i> | Peru | -11.0364 | -75.4080 | ERR3650468 | | 3,593,153 | 67.99 | 1.88 | CS |
| nu_sil.MJ09-4125 | MJ09-4125 | <i>Heliconius numata</i> ssp. <i>numata</i> | French Guiana | 4.0833 | -52.6753 | SAMEA3888884 | Nadeau <i>et al.</i> [30] | 3,429,209 | 64.05 | 3.15 | WGS |
| nu_sil.MJ09-4184 | MJ09-4184 | <i>Heliconius numata</i> ssp. <i>silvana</i> | French Guiana | 4.0833 | -52.6753 | SAMEA3888889 | Nadeau <i>et al.</i> [30] | 3,514,463 | 65.52 | 3.33 | WGS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|------------------|--------------|---|------------|----------|-----------|----------------|----------------------------------|--------------|------------------------------------|---|---|
| nu_sil.MJ05-1240 | JM-05-1240 | <i>Heliconius numata ssp. silvana</i> | Peru | -6.4782 | -76.3258 | SAMEA3888886 | Nadeau <i>et al.</i> [30] | 2,133,564 | 39.94 | 2.93 | WGS |
| nu_sil.MJ05-1271 | JM-05-1271 | <i>Heliconius numata ssp. silvana</i> | Peru | -6.4782 | -76.3258 | SAMEA3888887 | Nadeau <i>et al.</i> [30] | 3,383,291 | 63.11 | 3.28 | WGS |
| nu_sil.MJ05-124 | MJ05-124 | <i>Heliconius numata ssp. silvana</i> | Peru | -6.4782 | -76.3258 | SAMEA3888888 | Nadeau <i>et al.</i> [30] | 3,336,988 | 62.22 | 3.32 | WGS |
| MK000516 | MK000516 | <i>Heliconius pacheus</i> | Costa Rica | 9.8500 | -84.3167 | SAMN02384468 | Kronforst <i>et al.</i> [49] | 3,399,813 | 64.39 | 1.78 | WGS |
| CAM008062 | CAM008062 | <i>Heliconius pacheus</i> | Panamá | 8.8388 | -82.7148 | ERR3652658 | | 3,803,511 | 72.07 | 1.75 | CS |
| CAM008036 | CAM008036 | <i>Heliconius pacheus</i> | Panamá | 8.8388 | -82.7148 | ERR3653117 | | 3,813,469 | 72.02 | 2.07 | CS |
| CAM008034 | CAM008034 | <i>Heliconius pacheus</i> | Panamá | 8.8388 | -82.7148 | ERR3653097 | | 3,810,903 | 72.01 | 2.02 | CS |
| CAM008033 | CAM008033 | <i>Heliconius pacheus</i> | Panamá | 8.8388 | -82.7148 | ERR3652657 | | 3,789,692 | 71.80 | 1.75 | CS |
| CAM008032 | CAM008032 | <i>Heliconius pacheus</i> | Panamá | 8.8388 | -82.7148 | ERR3652659 | | 3,812,716 | 72.26 | 1.73 | CS |
| CAM008023 | CAM008023 | <i>Heliconius pacheus</i> | Panamá | 8.8388 | -82.7148 | ERR3653098 | | 3,782,656 | 71.58 | 1.87 | CS |
| CAM008022 | CAM008022 | <i>Heliconius pacheus</i> | Panamá | 8.8388 | -82.7148 | ERR3652661 | | 3,824,865 | 72.43 | 1.81 | CS |
| CAM008019 | CAM008019 | <i>Heliconius pacheus</i> | Panamá | 8.8388 | -82.7148 | ERR3652660 | | 3,800,262 | 71.62 | 2.28 | CS |
| CAM008035 | CAM008035 | <i>Heliconius pacheus</i> | Panamá | 8.8388 | -82.7148 | ERR3653536 | Wallbank <i>et al.</i> [36] | 3,804,700 | 72.10 | 1.73 | CS |
| ser.JM202 | JM-09-202 | <i>Heliconius pardalinus ssp. sergestus</i> | Peru | -6.4667 | -76.3347 | SAMEA1919268 | Martin <i>et al.</i> [71] | 3,723,595 | 71.15 | 0.92 | WGS |
| par.JM371 | JM-09-371 | <i>Heliconius pardalinus ssp. nov.P</i> | Peru | -8.3422 | -74.5922 | SAMEA1919253 | Martin <i>et al.</i> [71] | 3,672,441 | 68.65 | 3.06 | WGS |
| CS2394 | CS002394 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7108 | -75.7089 | ERR3652193 | | 3,794,165 | 71.82 | 1.84 | CS |
| CS2343 | CS002343 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.8136 | -75.6686 | ERR3650514 | | 3,878,536 | 73.42 | 1.83 | CS |
| CS2333 | CS002333 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7108 | -75.7089 | ERR3650498 | | 3,835,744 | 72.64 | 1.79 | CS |
| CS2327 | CS002327 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7108 | -75.7089 | ERR3650495 | | 3,849,177 | 72.91 | 1.78 | CS |
| CS419 | CS000419 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.8033 | -75.6553 | ERR3651477 | | 3,736,703 | 70.74 | 1.83 | CS |
| CS399 | CS000399 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.8033 | -75.6553 | ERR3651476 | | 3,698,884 | 70.15 | 1.66 | CS |
| CS2349 | CS002349 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7108 | -75.7089 | ERR3650517 | | 3,836,299 | 72.64 | 1.81 | CS |
| CS1009 | CS001009 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.8033 | -75.6553 | ERR3650489 | | 3,847,891 | 72.85 | 1.82 | CS |
| CS473 | CS000473 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.8033 | -75.6553 | ERR3650492 | | 3,828,399 | 72.39 | 1.95 | CS |
| CS2354 | CS002354 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7108 | -75.7089 | ERR3652347 | | 3,871,665 | 73.42 | 1.67 | CS |
| flo.CS12 | CS002395 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7097 | -75.6976 | SAMEA104585100 | Van Belleghem <i>et al.</i> [51] | 3,897,565 | 73.76 | 1.87 | WGS |
| flo.CS13 | CS002402 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7097 | -75.6976 | SAMEA104585101 | Van Belleghem <i>et al.</i> [51] | 3,872,164 | 73.23 | 1.93 | WGS |
| flo.CS14 | CS002403 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7097 | -75.6976 | SAMEA104585102 | Van Belleghem <i>et al.</i> [51] | 3,910,873 | 73.99 | 1.89 | WGS |
| flo.CS15 | CS002406 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7097 | -75.6976 | SAMEA104585103 | Van Belleghem <i>et al.</i> [51] | 3,904,353 | 73.79 | 1.99 | WGS |
| flo.CS2337 | CS002337 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7108 | -75.7089 | SAMEA104585104 | Van Belleghem <i>et al.</i> [51] | 3,681,700 | 69.62 | 1.94 | WGS |
| flo.CS2338 | CS002338 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7108 | -75.7089 | SAMEA104585105 | Van Belleghem <i>et al.</i> [51] | 3,723,102 | 70.48 | 1.83 | WGS |
| flo.CS2341 | CS002341 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.8136 | -75.6686 | SAMEA104585106 | Van Belleghem <i>et al.</i> [51] | 3,579,194 | 67.68 | 1.94 | WGS |
| flo.CS2350 | CS002350 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7108 | -75.7089 | SAMEA104585107 | Van Belleghem <i>et al.</i> [51] | 3,741,211 | 70.75 | 1.93 | WGS |
| flo.CS2358 | CS002358 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7108 | -75.7089 | SAMEA104585108 | Van Belleghem <i>et al.</i> [51] | 3,829,666 | 72.45 | 1.89 | WGS |
| flo.CS2359 | CS002359 | <i>Heliconius timareta ssp. florencia</i> | Colombia | 1.7108 | -75.7089 | SAMEA104585109 | Van Belleghem <i>et al.</i> [51] | 3,693,632 | 69.88 | 1.90 | WGS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|------------|--------------|---|----------|----------|-----------|---------------------------|-------------------------------|--------------|------------------------------------|---|---|
| CS3009 | CS003009 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652401 | | 3,820,489 | 72.41 | 1.71 | CS |
| CS2429 | CS002429 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6090 | -74.7776 | ERR3656288 | | 3,797,759 | 71.93 | 1.78 | CS |
| CS2436 | CS002436 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6090 | -74.7776 | ERR3652599 | | 3,822,561 | 72.41 | 1.76 | CS |
| CS3014 | CS003014 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652392 | | 3,781,757 | 71.51 | 1.95 | CS |
| CS3012 | CS003012 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3656282 | | 3,800,749 | 71.99 | 1.78 | CS |
| CS3760 | CS003760 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652608 | | 3,793,257 | 72.04 | 1.51 | CS |
| CS3050 | CS003050 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652395 | | 3,814,986 | 72.15 | 1.93 | CS |
| CS3032 | CS003032 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652593 | | 3,821,017 | 72.40 | 1.74 | CS |
| CS2422 | CS002422 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6090 | -74.7776 | ERR3652596 | | 3,819,912 | 72.39 | 1.74 | CS |
| CS3013 | CS003013 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652404 | | 3,827,502 | 72.40 | 1.91 | CS |
| CS3046 | CS003046 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652587 | | 3,741,134 | 70.90 | 1.72 | CS |
| CS3762 | CS003762 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652604 | | 3,803,044 | 72.08 | 1.71 | CS |
| CS3367 | CS003367 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652390 | | 3,804,131 | 72.04 | 1.79 | CS |
| CS3763 | CS003763 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652602 | | 3,822,941 | 72.35 | 1.86 | CS |
| CS3372 | CS003372 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3656283 | | 3,805,156 | 72.26 | 1.53 | CS |
| CS3051 | CS003051 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652590 | | 3,820,696 | 72.31 | 1.86 | CS |
| CS3761 | CS003761 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652606 | | 3,823,361 | 72.53 | 1.63 | CS |
| CS3086 | CS003086 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6844 | -74.8881 | ERR3652398 | | 3,821,604 | 72.35 | 1.82 | CS |
| CS2435 | CS002435 | <i>Heliconius timareta</i> ssp. <i>linaresi</i> | Colombia | 2.6090 | -74.7776 | ERR3653535 (SAMEA1094485) | Nadeau et al.[69]; SureSelect | 3,833,747 | 72.55 | 1.87 | CS |
| PS16870 | CAM016870 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.3712 | -77.8574 | ERR3652396 | | 3,750,493 | 71.04 | 1.78 | CS |
| PS16857 | CAM016857 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.4021 | -77.7974 | ERR3652394 | | 3,764,862 | 71.30 | 1.80 | CS |
| CAM016605 | CAM016605 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.1156 | -77.7783 | ERR3653402 | | 3,685,825 | 69.87 | 1.71 | CS |
| CAM016603 | CAM016603 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.1156 | -77.7783 | ERR3653392 | | 3,611,835 | 68.46 | 1.71 | CS |
| CAM016600 | CAM016600 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.1156 | -77.7783 | ERR3653311 | | 3,668,367 | 69.47 | 1.80 | CS |
| CAM016593 | CAM016593 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.1156 | -77.7783 | ERR3653405 | | 3,662,851 | 69.38 | 1.77 | CS |
| CAM016502 | CAM016502 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.2908 | -77.8419 | ERR3653394 | | 3,675,153 | 69.63 | 1.76 | CS |
| CAM016501 | CAM016501 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.2908 | -77.8419 | ERR3653395 | | 3,692,687 | 69.93 | 1.80 | CS |
| CAM016443 | CAM016443 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.1878 | -77.8311 | ERR3653403 | | 3,679,600 | 69.67 | 1.82 | CS |
| CAM016442 | CAM016442 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.1878 | -77.8311 | ERR3653396 | | 3,670,424 | 69.55 | 1.74 | CS |
| CAM016304 | CAM016304 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.3333 | -77.9341 | ERR3653397 | | 3,724,010 | 70.50 | 1.83 | CS |
| PS16269 | CAM016269 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.2510 | -77.6989 | ERR3651369 | | 3,764,038 | 71.37 | 1.68 | CS |
| CAM016260 | CAM016260 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.2510 | -77.6989 | ERR3653398 | | 3,695,564 | 70.04 | 1.72 | CS |
| CAM016257 | CAM016257 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.2510 | -77.6989 | ERR3653399 | | 3,694,177 | 70.01 | 1.72 | CS |
| CAM016255 | CAM016255 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.2510 | -77.6989 | ERR3653401 | | 3,688,248 | 69.89 | 1.74 | CS |
| PS16252 | CAM016252 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.8176 | -77.9601 | ERR3652391 | | 3,754,683 | 71.13 | 1.76 | CS |
| CAM016218 | CAM016218 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.1156 | -77.7783 | ERR3653406 | | 3,654,949 | 69.19 | 1.83 | CS |
| CAM016214 | CAM016214 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.1156 | -77.7783 | ERR3653310 | | 3,682,926 | 69.78 | 1.75 | CS |
| PS16201 | CAM016201 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.1156 | -77.7783 | ERR3651366 | | 3,756,272 | 71.14 | 1.79 | CS |
| PS16200 | CAM016200 | <i>Heliconius timareta</i> ssp. <i>nov. ECU</i> | Ecuador | -1.1156 | -77.7783 | ERR3652389 | | 3,746,590 | 70.99 | 1.74 | CS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|------------|--------------|---|----------|----------|-----------|-----------------------------|------------------------|--------------|------------------------------------|---|---|
| PS16173 | CAM016173 | <i>Heliconius timareta</i> ssp. nov. ECU | Ecuador | -1.2408 | -77.9609 | ERR3651362 | | 3,755,655 | 71.09 | 1.85 | CS |
| CAM016037 | CAM016037 | <i>Heliconius timareta</i> ssp. nov. ECU | Ecuador | -1.2908 | -77.8419 | ERR3653407 | | 3,696,783 | 69.94 | 1.89 | CS |
| PS16011 | CAM016011 | <i>Heliconius timareta</i> ssp. nov. ECU | Ecuador | -1.3333 | -77.9341 | ERR3650738 | | 3,765,599 | 71.30 | 1.82 | CS |
| PS16425 | CAM016425 | <i>Heliconius timareta</i> ssp. nov. ECU | Ecuador | -1.1878 | -77.8311 | ERR3653530 ; (SAMEA2240078) | Nadeau et al.[34]; RAD | 3,754,500 | 71.13 | 1.75 | CS |
| PS17380 | CAM017380 | <i>Heliconius timareta</i> ssp. nov. ECU | Ecuador | -1.0983 | -77.5839 | ERR3653531 ; (SAMEA2240096) | Nadeau et al.[34]; RAD | 3,759,205 | 71.20 | 1.78 | CS |
| CS31766 | CS031766 | <i>Heliconius timareta</i> ssp. nov. 'vicina' | Colombia | -4.1334 | -69.9415 | ERR3652639 | | 3,881,511 | 73.68 | 1.57 | CS |
| CS31733 | CS031733 | <i>Heliconius timareta</i> ssp. nov. 'vicina' | Colombia | -3.7701 | -70.3398 | ERR3652634 | | 3,917,016 | 74.32 | 1.61 | CS |
| CS31809 | CS031809 | <i>Heliconius timareta</i> ssp. nov. 'vicina' | Colombia | -3.7701 | -70.3398 | ERR3652575 | | 3,876,918 | 73.61 | 1.54 | CS |
| CS31711 | CS031711 | <i>Heliconius timareta</i> ssp. nov. 'vicina' | Colombia | -3.7701 | -70.3398 | ERR3652631 | | 3,911,288 | 74.17 | 1.66 | CS |
| CS32537 | CS032537 | <i>Heliconius timareta</i> ssp. nov. 'vicina' | Colombia | -3.8833 | -70.1881 | ERR3652626 | | 3,898,267 | 73.99 | 1.57 | CS |
| CS32535 | CS032535 | <i>Heliconius timareta</i> ssp. nov. 'vicina' | Colombia | -4.0406 | -70.0997 | ERR3652628 | | 3,864,120 | 73.25 | 1.70 | CS |
| MJ12-3388 | MJ12-3388 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4515 | -76.2977 | ERR3650728 | | 3,681,338 | 69.66 | 1.88 | CS |
| MJ12-3310 | MJ12-3310 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4519 | -76.2985 | ERR3650479 | | 3,462,285 | 65.77 | 1.50 | CS |
| MJ12-3232 | MJ12-3232 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4515 | -76.2977 | ERR3650588 | | 3,664,260 | 69.42 | 1.76 | CS |
| MJ12-3412 | MJ12-3412 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4537 | -76.2981 | ERR3651417 | | 3,746,879 | 70.93 | 1.84 | CS |
| MJ12-3160 | MJ12-3160 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4519 | -76.2985 | ERR3650494 | | 3,692,631 | 69.94 | 1.78 | CS |
| MJ12-3212 | MJ12-3212 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4547 | -76.2994 | ERR3650497 | | 3,657,709 | 69.37 | 1.65 | CS |
| MJ12-3402 | MJ12-3402 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4528 | -76.2862 | ERR3651368 | | 3,684,144 | 69.69 | 1.91 | CS |
| MJ12-3222 | MJ12-3222 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4519 | -76.2985 | ERR3650512 | | 3,690,826 | 69.90 | 1.79 | CS |
| MJ12-3138 | MJ12-3138 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4547 | -76.2994 | ERR3650493 | | 3,682,422 | 69.97 | 1.47 | CS |
| MJ12-3398 | MJ12-3398 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4515 | -76.2977 | ERR3651361 | | 3,678,752 | 69.61 | 1.87 | CS |
| MJ12-3220 | MJ12-3220 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4515 | -76.2977 | ERR3650474 | | 3,492,663 | 66.21 | 1.70 | CS |
| MJ12-3135 | MJ12-3135 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4547 | -76.2994 | ERR3650490 | | 3,708,004 | 70.29 | 1.70 | CS |
| MJ12-3405 | MJ12-3405 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4540 | -76.3002 | ERR3651371 | | 3,653,870 | 69.17 | 1.84 | CS |
| MJ12-3409 | MJ12-3409 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4537 | -76.2981 | ERR3651416 | | 3,671,396 | 69.59 | 1.70 | CS |
| MJ12-3231 | MJ12-3231 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4515 | -76.2977 | ERR3650478 | | 3,449,406 | 65.42 | 1.66 | CS |
| MJ12-3219 | MJ12-3219 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4519 | -76.2985 | ERR3650499 | | 3,673,933 | 69.66 | 1.68 | CS |
| MJ12-3370 | MJ12-3370 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4528 | -76.2862 | ERR3650692 | | 3,662,416 | 69.24 | 1.96 | CS |
| MJ12-3408 | MJ12-3408 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4519 | -76.2985 | ERR3651412 | | 3,737,857 | 70.86 | 1.70 | CS |
| MJ12-3136 | MJ12-3136 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4547 | -76.2994 | ERR3650491 | | 3,563,214 | 67.57 | 1.67 | CS |
| MJ12-3223 | MJ12-3223 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4515 | -76.2977 | ERR3650477 | | 3,450,844 | 65.47 | 1.62 | CS |
| MJ12-3401 | MJ12-3401 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4528 | -76.2862 | ERR3651367 | | 3,695,405 | 70.18 | 1.52 | CS |
| MJ12-3313 | MJ12-3313 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4547 | -76.2994 | ERR3650673 | | 3,433,603 | 64.96 | 1.89 | CS |
| MJ12-3400 | MJ12-3400 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4515 | -76.2977 | ERR3651364 | | 3,728,573 | 70.66 | 1.72 | CS |
| MJ12-3318 | MJ12-3318 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4547 | -76.2994 | ERR3650677 | | 3,598,328 | 68.15 | 1.79 | CS |
| MJ12-3378 | MJ12-3378 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4519 | -76.2985 | ERR3650708 | | 3,691,987 | 69.98 | 1.72 | CS |
| MJ12-3404 | MJ12-3404 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4540 | -76.3002 | ERR3651370 | | 3,687,744 | 69.92 | 1.68 | CS |
| MJ12-3406 | MJ12-3406 | <i>Heliconius timareta</i> ssp. thelxinoe | Peru | -6.4537 | -76.2981 | ERR3651375 | | 3,704,412 | 70.16 | 1.79 | CS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|----------------|--------------|--|---------|----------|-----------|-----------------------------|--|--------------|------------------------------------|---|---|
| MJ12-3174 | MJ12-3174 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -6.4547 | -76.2994 | ERR3650496 | | 3,658,409 | 69.17 | 1.95 | CS |
| MJ12-3390 | MJ12-3390 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -6.4528 | -76.2862 | ERR3650748 | | 3,699,234 | 70.01 | 1.86 | CS |
| thxn.MJ12-3221 | MJ12-3221 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -6.4519 | -76.2985 | SAMEA104585110 | Van Belleghem et al.[51] | 3,819,091 | 72.32 | 1.81 | WGS |
| thxn.MJ12-3233 | MJ12-3233 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -5.6546 | -77.6938 | SAMEA104585111 | Van Belleghem et al.[51] | 3,792,490 | 71.77 | 1.86 | WGS |
| thxn.MJ12-3308 | MJ12-3308 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -6.4519 | -76.2985 | SAMEA104585112 | Van Belleghem et al.[51] | 3,760,503 | 71.06 | 2.02 | WGS |
| txn.MJ11-3339 | MJ12-3339 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -5.6546 | -77.6938 | SAMEA104585113 | Van Belleghem et al.[51] | 3,523,213 | 66.66 | 1.89 | WGS |
| txn.MJ11-3340 | MJ12-3340 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -5.6546 | -77.6938 | SAMEA104585114 | Van Belleghem et al.[51] | 3,437,195 | 65.07 | 1.83 | WGS |
| txn.MJ12-3460 | MJ12-3460 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -5.6546 | -77.6938 | SAMEA104585115 | Van Belleghem et al.[51] | 3,651,061 | 69.03 | 1.96 | WGS |
| thxn.JM57 | JM-09-57 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -6.4528 | -76.2987 | SAMEA1919254 | Martin et al.[71] | 3,964,602 | 74.96 | 1.95 | WGS |
| thxn.JM86 | JM-09-86 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -6.4528 | -76.2987 | SAMEA1919263 | Martin et al.[71] | 3,969,848 | 74.91 | 2.15 | WGS |
| thxn.JM313 | JM-09-313 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -6.4584 | -76.2877 | SAMEA1919266 | Martin et al.[71] | 3,953,763 | 74.65 | 2.09 | WGS |
| thxn.JM84 | JM-09-84 | <i>Heliconius timareta</i> ssp. <i>thelxinoe</i> | Peru | -6.4528 | -76.2987 | SAMEA1919273 | Martin et al.[71] | 3,819,757 | 72.27 | 1.89 | WGS |
| CAM009187 | CAM009187 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653301 | | 3,755,103 | 71.11 | 1.80 | CS |
| CAM009186 | CAM009186 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653305 | | 3,714,942 | 70.37 | 1.77 | CS |
| CAM009185 | CAM009185 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653300 | | 3,724,200 | 70.56 | 1.76 | CS |
| CAM009183 | CAM009183 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653298 | | 3,732,851 | 70.71 | 1.77 | CS |
| CAM009177 | CAM009177 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653306 | | 3,768,012 | 71.35 | 1.80 | CS |
| CAM009175 | CAM009175 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653307 | | 3,742,771 | 70.91 | 1.75 | CS |
| CAM009180 | CAM009180 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653543 ; (SAMEA1322935) | The Heliconius Consortium[44]; RAD; SureSelect | 3,752,197 | 71.02 | 1.85 | CS |
| CAM016719 | CAM016719 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653309 | | 3,759,873 | 71.19 | 1.82 | CS |
| CAM016716 | CAM016716 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653302 | | 3,730,788 | 70.61 | 1.85 | CS |
| CAM016715 | CAM016715 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653303 | | 3,599,854 | 68.22 | 1.73 | CS |
| CAM011413 | CAM011413 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i> | Ecuador | -1.3980 | -78.1781 | ERR3653308 | | 3,726,722 | 70.57 | 1.80 | CS |
| CAM011439 | CAM011439 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>timareta</i> | Ecuador | -1.3980 | -78.1781 | ERR3653297 | | 3,789,280 | 71.74 | 1.83 | CS |
| CAM009440 | CAM009440 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>timareta</i> | Ecuador | -1.3980 | -78.1781 | ERR3653292 | | 3,822,542 | 72.44 | 1.73 | CS |
| CAM009426 | CAM009426 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>timareta</i> | Ecuador | -1.3980 | -78.1781 | ERR3653295 | | 3,816,404 | 72.23 | 1.86 | CS |
| CAM009421 | CAM009421 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>timareta</i> | Ecuador | -1.3980 | -78.1781 | ERR3653293 | | 3,801,719 | 72.11 | 1.64 | CS |
| CAM009419 | CAM009419 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>timareta</i> | Ecuador | -1.3980 | -78.1781 | ERR3653125 | | 3,788,443 | 71.73 | 1.81 | CS |
| CAM009227 | CAM009227 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>timareta</i> | Ecuador | -1.4530 | -78.1070 | ERR3653299 | | 3,726,694 | 70.61 | 1.75 | CS |
| CAM009169 | CAM009169 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>timareta</i> | Ecuador | -1.3980 | -78.1781 | ERR3653296 | | 3,756,296 | 71.12 | 1.81 | CS |

| SequenceID | EarthCapelID | Taxon Name | Country | Latitude | Longitude | Accession | Publication | Called sites | Geno-typed sites after filters (%) | Proportion of hetero-zygous genotypes (%) | Data Type (WGS...whole genome re-sequencing, CS...capture sequencing) |
|------------|--------------|--|---------|----------|-----------|---------------------------|---------------------------------------|--------------|------------------------------------|---|---|
| CAM008533 | CAM008533 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>timareta</i> | Ecuador | -1.3980 | -78.1781 | ERR3653537 (SAMEA1094484) | Nadeau <i>et al.</i> [69]; SureSelect | 3,841,553 | 72.69 | 1.88 | CS |
| CAM009178 | CAM009178 | <i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>timareta</i> | Ecuador | -1.3980 | -78.1781 | ERR3653539 (SAMEA3670574) | Wallbank <i>et al.</i> [36] | 3,678,631 | 69.72 | 1.73 | CS |