|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table S11. Right haft reentrant metrics. |  |  |  |  |  |  |  |  |  |
| Catalog ID | RE type | Tiny | Re area | Re area ordinal | Re centroid x pct | Re centroid y pct | Re diameter | Re diameter ordinal | Re divergence | Re edge LA ratio | Re edge bearing | Re edge length | Re edge length pct |
| 274 | Right | N | 12.41 | 2 | 89.43 | 24.68 | 2.15 | 1 | 95.20 | 1.00 | 102.35 | 12.44 | 9.74 |
| 275 | Right | N | 15.06 | 2 | 91.16 | 21.96 | 1.95 | 2 | 93.11 | 0.96 | 98.55 | 14.44 | 10.22 |
| 276 | Right | N | 5.35 | 2 | 91.63 | 12.12 | 1.34 | 2 | 91.93 | 1.34 | 107.38 | 7.18 | 5.56 |
| 277 | Right | N | 7.29 | 2 | 94.43 | 27.89 | 1.15 | 3 | 90.52 | 1.66 | 95.49 | 12.10 | 8.79 |
| 280 | Right | N | 2.82 | 5 | 88.67 | 9.35 | 0.78 | 3 | 91.41 | 2.23 | 127.60 | 6.31 | 5.33 |
| 281 | Right | N | 15.80 | 1 | 86.99 | 21.15 | 2.67 | 1 | 95.89 | 0.81 | 107.49 | 12.85 | 10.15 |
| 282 | Right | N | 20.19 | 1 | 83.63 | 20.11 | 2.91 | 1 | 93.54 | 0.67 | 111.72 | 13.46 | 10.92 |
| 283 | Right | N | 14.04 | 2 | 87.98 | 28.52 | 2.15 | 2 | 93.88 | 1.01 | 108.85 | 14.13 | 13.96 |
| 284 | Right | N | 3.99 | 2 | 87.01 | 30.46 | 0.97 | 1 | 91.99 | 2.07 | 104.67 | 8.25 | 10.46 |
| 285 | Right | N | 9.33 | 2 | 89.96 | 21.92 | 1.75 | 2 | 93.14 | 1.16 | 104.65 | 10.83 | 10.31 |
| 286 | Right | N | 6.67 | 1 | 91.92 | 27.49 | 1.05 | 2 | 91.67 | 1.55 | 102.40 | 10.34 | 8.23 |
| 326 | Right | N | 33.32 | 1 | 85.29 | 21.49 | 3.05 | 1 | 94.04 | 0.69 | 102.97 | 23.06 | 12.30 |
| 327 | Right | N | 20.80 | 1 | 86.92 | 23.11 | 2.55 | 1 | 93.86 | 0.79 | 104.55 | 16.53 | 11.25 |
| 1417 | Right | N | 11.14 | 1 | 91.02 | 30.50 | 1.51 | 1 | 92.10 | 1.32 | 97.54 | 14.74 | 10.99 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Catalog ID | Re ellipse ratio | Re hull area pct | Re major axis | Re minor axis | Re orientation | Re perimeter | Re re area pct | Time stamp |  |  |  |  |  |
| 274 | 0.84 | 1.66 | 4.54 | 0.87 | 7.15 | 26.15 | 29.89 | 3/3/16 |  |  |  |  |  |
| 275 | 0.87 | 1.59 | 5.63 | 0.85 | 5.43 | 29.73 | 34.80 | 3/3/16 |  |  |  |  |  |
| 276 | 0.83 | 0.67 | 2.84 | 0.60 | 15.45 | 14.94 | 15.20 | 3/3/16 |  |  |  |  |  |
| 277 | 0.90 | 0.86 | 4.45 | 0.52 | 4.97 | 24.54 | 21.13 | 3/3/16 |  |  |  |  |  |
| 280 | 0.85 | 0.39 | 2.30 | 0.39 | 36.20 | 12.89 | 8.53 | 3/3/16 |  |  |  |  |  |
| 281 | 0.82 | 2.09 | 4.74 | 1.06 | 11.59 | 27.34 | 32.27 | 3/3/16 |  |  |  |  |  |
| 282 | 0.79 | 2.70 | 4.87 | 1.32 | 18.18 | 28.42 | 40.30 | 3/3/16 |  |  |  |  |  |
| 283 | 0.86 | 2.43 | 5.26 | 0.85 | 14.96 | 29.48 | 29.34 | 3/3/16 |  |  |  |  |  |
| 284 | 0.89 | 1.12 | 3.19 | 0.40 | 12.68 | 16.88 | 21.93 | 3/3/16 |  |  |  |  |  |
| 285 | 0.84 | 1.68 | 3.89 | 0.76 | 11.51 | 22.50 | 27.41 | 3/3/16 |  |  |  |  |  |
| 286 | 0.90 | 0.85 | 4.44 | 0.48 | 10.74 | 21.05 | 20.35 | 3/3/16 |  |  |  |  |  |
| 326 | 0.88 | 2.81 | 8.92 | 1.19 | 8.94 | 47.95 | 32.36 | 3/3/16 |  |  |  |  |  |
| 327 | 0.86 | 2.13 | 6.28 | 1.05 | 10.69 | 34.33 | 33.44 | 3/3/16 |  |  |  |  |  |
| 1417 | 0.89 | 1.50 | 5.39 | 0.66 | 5.44 | 29.93 | 33.03 | 3/3/16 |  |  |  |  |  |