Supplementary Table 1 U -Pb isotope compositions of the detrital zircons in the sandstone sample (P611T)

of the Riwanchaka Formation in central Qiangtang Basin as measured by LA-ICP-MS

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Spots | | content | | | | | | Th/U | | isotope ratio（±1σ） | | | | | | | | | | | | age（Ma±1σ） | | | | | | | | | |
| Pb | 232Th | | 238U | | | 207Pb/206Pb | | | | 207Pb/235U | | | | 206Pb/238U | | | | 207Pb/206Pb | | | | 207Pb/235U | | | 206Pb/238U | | |
| ratios | | error | | ratios | | error | | ratios | | error | | age | | ratio | | age | error | | age | error | |
| P6T-01 | | 17.1118 | 89.08 | | 275.55 | | | 0.3233 | | 0.0537 | | 0.0029 | | 0.4204 | | 0.0227 | | 0.0568 | | 0.0009 | | 358 | | 94 | | 356 | 16 | | 356 | 5 | |
| P6T-02 | | 16.8569 | | | 79.29 | | 275.66 | 0.2876 | | 0.0538 | | 0.0023 | | 0.4210 | | 0.0180 | | 0.0568 | | 0.0009 | | 361 | | 69 | | 357 | | 13 | 356 | | | 5 | |
| P6T-03 | | 26.9436 | | | 166.43 | | 315.38 | 0.5277 | | 0.0558 | | 0.0023 | | 0.5769 | | 0.0238 | | 0.0749 | | 0.0011 | | 446 | | 65 | | 462 | | 15 | 466 | | | 7 | |
| P6T-04 | | 22.5230 | | | 181.47 | | 267.18 | 0.6792 | | 0.0559 | | 0.0021 | | 0.5457 | | 0.0204 | | 0.0708 | | 0.0010 | | 448 | | 57 | | 442 | | 13 | 441 | | | 6 | |
| P6T-05 | | 5.7638 | | | 42.31 | | 92.49 | 0.4575 | | 0.0535 | | 0.0088 | | 0.4133 | | 0.0671 | | 0.0560 | | 0.0014 | | 350 | | 315 | | 351 | | 48 | 351 | | | 8 | |
| P6T-06 | | 7.5316 | | | 110.4 | | 106.29 | 1.0387 | | 0.0535 | | 0.0058 | | 0.4138 | | 0.0442 | | 0.0561 | | 0.0011 | | 348 | | 205 | | 352 | | 32 | 352 | | | 7 | |
| P6T-07 | | 15.0733 | | | 68.97 | | 239.2 | 0.2883 | | 0.0542 | | 0.0024 | | 0.4403 | | 0.0196 | | 0.0589 | | 0.0009 | | 380 | | 72 | | 370 | | 14 | 369 | | | 6 | |
| P6T-08 | | 11.4831 | | | 76.67 | | 180.34 | 0.4251 | | 0.0536 | | 0.0034 | | 0.4217 | | 0.0263 | | 0.0570 | | 0.0010 | | 356 | | 111 | | 357 | | 19 | 357 | | | 6 | |
| P6T-09 | | 52.1327 | | | 43.77 | | 263.45 | 0.1661 | | 0.0763 | | 0.0017 | | 1.9685 | | 0.0449 | | 0.1871 | | 0.0026 | | 1103 | | 24 | | 1105 | | 15 | 1105 | | | 14 | |
| P6T-10 | | 8.9729 | | | 75.47 | | 77.35 | 0.9757 | | 0.0588 | | 0.0050 | | 0.7351 | | 0.0618 | | 0.0907 | | 0.0017 | | 559 | | 153 | | 560 | | 36 | 560 | | | 10 | |
| P6T-11 | | 21.8387 | | | 123.5 | | 226.98 | 0.5441 | | 0.0579 | | 0.0023 | | 0.6750 | | 0.0264 | | 0.0845 | | 0.0013 | | 526 | | 59 | | 524 | | 16 | 523 | | | 8 | |
| P6T-12 | | 10.7261 | | | 85.23 | | 161.91 | 0.5264 | | 0.0538 | | 0.0032 | | 0.4298 | | 0.0255 | | 0.0579 | | 0.0009 | | 363 | | 105 | | 363 | | 18 | 363 | | | 6 | |
| P6T-13 | | 20.6814 | | | 69.52 | | 328.64 | 0.2115 | | 0.0542 | | 0.0020 | | 0.4454 | | 0.0166 | | 0.0596 | | 0.0009 | | 379 | | 57 | | 374 | | 12 | 373 | | | 5 | |
| P6T-14 | | 16.5379 | | | 260.99 | | 234.62 | 1.1124 | | 0.0535 | | 0.0030 | | 0.4022 | | 0.0221 | | 0.0546 | | 0.0009 | | 348 | | 95 | | 343 | | 16 | 342 | | | 5 | |
| P6T-15 | | 18.1826 | | | 191.22 | | 276.13 | 0.6925 | | 0.0536 | | 0.0026 | | 0.4107 | | 0.0201 | | 0.0555 | | 0.0009 | | 355 | | 83 | | 349 | | 14 | 348 | | | 5 | |
| P6T-16 | | 3.4471 | | | 25.87 | | 59.68 | 0.4335 | | 0.0529 | | 0.0109 | | 0.3776 | | 0.0776 | | 0.0517 | | 0.0013 | | 326 | | 373 | | 325 | | 57 | 325 | | | 8 | |
| P6T-17 | | 23.2710 | | | 80.78 | | 87.85 | 0.9195 | | 0.0818 | | 0.0027 | | 2.3505 | | 0.0764 | | 0.2083 | | 0.0032 | | 1241 | | 40 | | 1228 | | 23 | 1220 | | | 17 | |
| P6T-18 | | 5.9641 | | | 60.01 | | 99.98 | 0.6002 | | 0.0528 | | 0.0050 | | 0.3791 | | 0.0353 | | 0.0520 | | 0.0010 | | 322 | | 176 | | 326 | | 26 | 327 | | | 6 | |
| P6T-19 | | 6.6851 | | | 78.88 | | 96.78 | 0.8150 | | 0.0536 | | 0.0055 | | 0.4186 | | 0.0429 | | 0.0566 | | 0.0011 | | 355 | | 197 | | 355 | | 31 | 355 | | | 7 | |
| P6T-20 | | 36.6735 | | | 179.54 | | 614.01 | 0.2924 | | 0.0539 | | 0.0017 | | 0.4153 | | 0.0129 | | 0.0558 | | 0.0008 | | 369 | | 45 | | 353 | | 9 | 350 | | | 5 | |
| P6T-21 | | 241.5744 | | | 348.31 | | 653.68 | 0.5328 | | 0.1098 | | 0.0019 | | 4.7446 | | 0.0898 | | 0.3133 | | 0.0042 | | 1796 | | 17 | | 1775 | | 16 | 1757 | | | 21 | |
| P6T-22 | | 14.7618 | | | 113.1 | | 223.96 | 0.5050 | | 0.0538 | | 0.0033 | | 0.4312 | | 0.0259 | | 0.0581 | | 0.0009 | | 364 | | 107 | | 364 | | 18 | 364 | | | 6 | |
| P6T-23 | | 37.8636 | | | 19.05 | | 303.98 | 0.0627 | | 0.0658 | | 0.0020 | | 1.1039 | | 0.0296 | | 0.1217 | | 0.0017 | | 800 | | 64 | | 755 | | 14 | 740 | | | 10 | |
| P6T-24 | | 58.3194 | | | 149.07 | | 148.86 | 1.0014 | | 0.1037 | | 0.0022 | | 4.3051 | | 0.0957 | | 0.3011 | | 0.0042 | | 1691 | | 21 | | 1694 | | 18 | 1697 | | | 21 | |
| P6T-25 | | 28.8550 | | | 96.39 | | 372.11 | 0.2590 | | 0.0563 | | 0.0016 | | 0.5710 | | 0.0167 | | 0.0735 | | 0.0010 | | 465 | | 40 | | 459 | | 11 | 457 | | | 6 | |
| P6T-26 | | 28.1635 | | | 237.02 | | 427.42 | 0.5545 | | 0.0539 | | 0.0016 | | 0.4323 | | 0.0131 | | 0.0581 | | 0.0008 | | 369 | | 43 | | 365 | | 9 | 364 | | | 5 | |
| P6T-27 | | 15.8127 | | | 183.47 | | 220.45 | 0.8323 | | 0.0539 | | 0.0031 | | 0.4343 | | 0.0247 | | 0.0584 | | 0.0009 | | 367 | | 101 | | 366 | | 17 | 366 | | | 5 | |
| P6T-28 | | 32.1379 | | | 138.42 | | 498.53 | 0.2777 | | 0.0543 | | 0.0019 | | 0.4543 | | 0.0163 | | 0.0606 | | 0.0009 | | 385 | | 55 | | 380 | | 11 | 380 | | | 5 | |
| P6T-29 | | 22.2093 | | | 80.29 | | 96.67 | 0.8306 | | 0.0766 | | 0.0023 | | 1.9571 | | 0.0592 | | 0.1852 | | 0.0028 | | 1112 | | 37 | | 1101 | | 20 | 1095 | | | 15 | |
| P6T-30 | | 23.4388 | | | 221.71 | | 346.46 | 0.6399 | | 0.0539 | | 0.0019 | | 0.4313 | | 0.0156 | | 0.0580 | | 0.0009 | | 368 | | 55 | | 364 | | 11 | 363 | | | 5 | |
| P6T-31 | | 24.9412 | | | 44.28 | | 330.86 | 0.1338 | | 0.0560 | | 0.0023 | | 0.5652 | | 0.0237 | | 0.0731 | | 0.0011 | | 454 | | 66 | | 455 | | 15 | 455 | | | 7 | |
| P6T-32 | | 71.8215 | | | 236.62 | | 348.39 | 0.6792 | | 0.0771 | | 0.0034 | | 1.7861 | | 0.0749 | | 0.1681 | | 0.0025 | | 1122 | | 91 | | 1040 | | 27 | 1002 | | | 14 | |
| P6T-33 | | 14.9495 | | | 172.68 | | 225.12 | 0.7671 | | 0.0534 | | 0.0025 | | 0.4094 | | 0.0193 | | 0.0556 | | 0.0009 | | 346 | | 78 | | 348 | | 14 | 349 | | | 5 | |
| P6T-34 | | 46.0965 | | | 76.55 | | 253.6 | 0.3019 | | 0.0720 | | 0.0029 | | 1.5930 | | 0.0590 | | 0.1604 | | 0.0023 | | 987 | | 83 | | 967 | | 23 | 959 | | | 13 | |
| P6T-35 | | 113.0599 | | | 218.18 | | 289.49 | 0.7537 | | 0.1073 | | 0.0021 | | 4.6939 | | 0.0948 | | 0.3172 | | 0.0044 | | 1754 | | 18 | | 1766 | | 17 | 1776 | | | 21 | |
| P6T-36 | | 41.1127 | | | 75.02 | | 119.78 | 0.6263 | | 0.1009 | | 0.0025 | | 4.0252 | | 0.1002 | | 0.2893 | | 0.0043 | | 1641 | | 25 | | 1639 | | 20 | 1638 | | | 21 | |
| P6T-37 | | 21.7503 | | | 59.6 | | 221.12 | 0.2695 | | 0.0593 | | 0.0027 | | 0.7657 | | 0.0354 | | 0.0937 | | 0.0014 | | 577 | | 74 | | 577 | | 20 | 577 | | | 8 | |
| P6T-38 | | 17.6377 | | | 96.97 | | 273.92 | 0.3540 | | 0.0540 | | 0.0021 | | 0.4460 | | 0.0176 | | 0.0599 | | 0.0009 | | 371 | | 61 | | 374 | | 12 | 375 | | | 5 | |
| P6T-39 | | 67.3541 | | | 821.74 | | 806.67 | 1.0187 | | 0.0552 | | 0.0015 | | 0.5074 | | 0.0139 | | 0.0667 | | 0.0009 | | 420 | | 37 | | 417 | | 9 | 416 | | | 6 | |
| P6T-40 | | 34.4756 | | | 180.64 | | 289.88 | 0.6232 | | 0.0608 | | 0.0018 | | 0.8608 | | 0.0258 | | 0.1026 | | 0.0015 | | 633 | | 40 | | 631 | | 14 | 630 | | | 9 | |
| P6T-41 | | 43.3979 | | | 125.87 | | 732.6 | 0.1718 | | 0.0538 | | 0.0014 | | 0.4285 | | 0.0111 | | 0.0578 | | 0.0008 | | 362 | | 34 | | 362 | | 8 | 362 | | | 5 | |
| P6T-42 | | 75.4372 | | | 309.5 | | 285.99 | 1.0822 | | 0.0803 | | 0.0018 | | 2.2681 | | 0.0537 | | 0.2048 | | 0.0029 | | 1205 | | 25 | | 1202 | | 17 | 1201 | | | 15 | |
| P6T-43 | | 90.1694 | | | 150.85 | | 316.69 | 0.4763 | | 0.0902 | | 0.0020 | | 3.0971 | | 0.0713 | | 0.2491 | | 0.0035 | | 1429 | | 23 | | 1432 | | 18 | 1434 | | | 18 | |
| P6T-44 | | 59.7223 | | | 55.19 | | 194.12 | 0.2843 | | 0.0983 | | 0.0021 | | 3.7961 | | 0.0827 | | 0.2800 | | 0.0040 | | 1593 | | 21 | | 1592 | | 17 | 1591 | | | 20 | |
| P6T-45 | | 25.2164 | | | 40.05 | | 361.7 | 0.1107 | | 0.0553 | | 0.0021 | | 0.5265 | | 0.0201 | | 0.0690 | | 0.0010 | | 425 | | 58 | | 429 | | 13 | 430 | | | 6 | |
| P6T-46 | | 126.7477 | | | 98.42 | | 423.7 | 0.2323 | | 0.0973 | | 0.0019 | | 3.7212 | | 0.0769 | | 0.2775 | | 0.0038 | | 1572 | | 20 | | 1576 | | 17 | 1579 | | | 19 | |
| P6T-47 | | 61.2535 | | | 87.65 | | 160.83 | 0.5450 | | 0.1106 | | 0.0024 | | 4.9894 | | 0.1114 | | 0.3271 | | 0.0046 | | 1810 | | 21 | | 1818 | | 19 | 1824 | | | 22 | |
| P6T-48 | | 19.0347 | | | 138.88 | | 297.16 | 0.4674 | | 0.0538 | | 0.0024 | | 0.4294 | | 0.0188 | | 0.0579 | | 0.0009 | | 363 | | 71 | | 363 | | 13 | 363 | | | 5 | |
| P6T-49 | | 22.9126 | | | 165.01 | | 255.74 | 0.6452 | | 0.0566 | | 0.0021 | | 0.5989 | | 0.0226 | | 0.0767 | | 0.0012 | | 476 | | 56 | | 477 | | 14 | 477 | | | 7 | |
| P6T-50 | | 68.1174 | | | 177.93 | | 200.82 | 0.8860 | | 0.0952 | | 0.0022 | | 3.5879 | | 0.0846 | | 0.2734 | | 0.0039 | | 1531 | | 24 | | 1547 | | 19 | 1558 | | | 20 | |
| P6T-51 | | 22.9468 | | | 34.63 | | 74.41 | 0.4654 | | 0.0981 | | 0.0028 | | 3.6616 | | 0.1065 | | 0.2706 | | 0.0041 | | 1589 | | 32 | | 1563 | | 23 | 1544 | | | 21 | |
| P6T-52 | | 24.4892 | | | 335.14 | | 361.14 | 0.9280 | | 0.0534 | | 0.0021 | | 0.4073 | | 0.0157 | | 0.0553 | | 0.0009 | | 348 | | 59 | | 347 | | 11 | 347 | | | 5 | |
| P6T-53 | | 11.5399 | | | 131.01 | | 165.7 | 0.7906 | | 0.0539 | | 0.0034 | | 0.4338 | | 0.0271 | | 0.0583 | | 0.0010 | | 368 | | 112 | | 366 | | 19 | 365 | | | 6 | |
| P6T-54 | | 11.0713 | | | 37.32 | | 32.86 | 1.1357 | | 0.0931 | | 0.0061 | | 3.3640 | | 0.2191 | | 0.2619 | | 0.0050 | | 1490 | | 94 | | 1496 | | 51 | 1500 | | | 26 | |
| P6T-55 | | 6.8077 | | | 66.15 | | 85.31 | 0.7754 | | 0.0554 | | 0.0049 | | 0.5151 | | 0.0455 | | 0.0674 | | 0.0013 | | 428 | | 163 | | 422 | | 30 | 421 | | | 8 | |
| P6T-56 | | 14.9603 | | | 44.86 | | 47.1 | 0.9524 | | 0.0923 | | 0.0036 | | 3.2534 | | 0.1248 | | 0.2557 | | 0.0043 | | 1473 | | 47 | | 1470 | | 30 | 1468 | | | 22 | |
| P6T-57 | | 15.7749 | | | 85.05 | | 258.47 | 0.3291 | | 0.0538 | | 0.0028 | | 0.4267 | | 0.0224 | | 0.0575 | | 0.0009 | | 362 | | 89 | | 361 | | 16 | 361 | | | 6 | |
| P6T-58 | | 83.5916 | | | 157.84 | | 238.67 | 0.6613 | | 0.0961 | | 0.0021 | | 3.9345 | | 0.0888 | | 0.2968 | | 0.0042 | | 1550 | | 22 | | 1621 | | 18 | 1675 | | | 21 | |
| P6T-59 | | 123.3761 | | | 115.82 | | 490.67 | 0.2360 | | 0.0888 | | 0.0018 | | 2.8849 | | 0.0626 | | 0.2355 | | 0.0033 | | 1400 | | 22 | | 1378 | | 16 | 1363 | | | 17 | |
| P6T-60 | | 13.9445 | | | 70.89 | | 231.63 | 0.3060 | | 0.0537 | | 0.0037 | | 0.4195 | | 0.0289 | | 0.0567 | | 0.0009 | | 358 | | 127 | | 356 | | 21 | 355 | | | 6 | |
| P6T-61 | | 112.1736 | | | 146.38 | | 423.71 | 0.3455 | | 0.0888 | | 0.0019 | | 2.9525 | | 0.0657 | | 0.2412 | | 0.0034 | | 1399 | | 23 | | 1395 | | 17 | 1393 | | | 17 | |
| P6T-62 | | 52.4436 | | | 179.33 | | 875.23 | 0.2049 | | 0.0539 | | 0.0015 | | 0.4330 | | 0.0120 | | 0.0583 | | 0.0008 | | 366 | | 37 | | 365 | | 8 | 365 | | | 5 | |
| P6T-63 | | 7.4487 | | | 75.66 | | 113.19 | 0.6684 | | 0.0536 | | 0.0054 | | 0.4188 | | 0.0418 | | 0.0567 | | 0.0011 | | 353 | | 190 | | 355 | | 30 | 355 | | | 7 | |
| P6T-64 | | 28.2734 | | | 116.59 | | 463.91 | 0.2513 | | 0.0540 | | 0.0020 | | 0.4381 | | 0.0166 | | 0.0589 | | 0.0009 | | 369 | | 59 | | 369 | | 12 | 369 | | | 5 | |
| P6T-65 | | 145.5227 | | | 131.4 | | 537.12 | 0.2446 | | 0.0901 | | 0.0019 | | 3.1467 | | 0.0677 | | 0.2533 | | 0.0035 | | 1428 | | 21 | | 1444 | | 17 | 1455 | | | 18 | |
| P6T-66 | | 11.0094 | | | 106.32 | | 172.17 | 0.6175 | | 0.0537 | | 0.0035 | | 0.4159 | | 0.0271 | | 0.0562 | | 0.0010 | | 357 | | 116 | | 353 | | 19 | 352 | | | 6 | |
| P6T-67 | | 12.7138 | | | 176.26 | | 154.64 | 1.1398 | | 0.0553 | | 0.0044 | | 0.5170 | | 0.0406 | | 0.0678 | | 0.0012 | | 425 | | 145 | | 423 | | 27 | 423 | | | 7 | |
| P6T-68 | | 261.9362 | | | 134.45 | | 888.94 | 0.1512 | | 0.1067 | | 0.0022 | | 4.1467 | | 0.0878 | | 0.2819 | | 0.0039 | | 1743 | | 20 | | 1664 | | 17 | 1601 | | | 20 | |
| P6T-69 | | 17.9298 | | | 86.27 | | 287.15 | 0.3004 | | 0.0539 | | 0.0035 | | 0.4388 | | 0.0279 | | 0.0590 | | 0.0010 | | 368 | | 114 | | 369 | | 20 | 370 | | | 6 | |
| P6T-70 | | 26.1116 | | | 96.01 | | 428.31 | 0.2242 | | 0.0537 | | 0.0025 | | 0.4377 | | 0.0205 | | 0.0592 | | 0.0009 | | 356 | | 78 | | 369 | | 14 | 371 | | | 5 | |
| P6T-71 | | 33.3387 | | | 178 | | 557.05 | 0.3195 | | 0.0539 | | 0.0026 | | 0.4250 | | 0.0206 | | 0.0571 | | 0.0009 | | 368 | | 81 | | 360 | | 15 | 358 | | | 5 | |
| P6T-72 | | 48.4327 | | | 40.85 | | 167.05 | 0.2445 | | 0.0939 | | 0.0023 | | 3.5484 | | 0.0886 | | 0.2741 | | 0.0040 | | 1506 | | 26 | | 1538 | | 20 | 1562 | | | 20 | |
| P6T-73 | | 166.0495 | | | 224.46 | | 591.82 | 0.3793 | | 0.0889 | | 0.0019 | | 3.1182 | | 0.0679 | | 0.2544 | | 0.0035 | | 1401 | | 22 | | 1437 | | 17 | 1461 | | | 18 | |
| P6T-74 | | 130.5358 | | | 275.86 | | 474.87 | 0.5809 | | 0.1133 | | 0.0024 | | 3.8549 | | 0.0851 | | 0.2468 | | 0.0034 | | 1852 | | 21 | | 1604 | | 18 | 1422 | | | 18 | |
| P6T-75 | | 136.5101 | | | 220.72 | | 402.45 | 0.5484 | | 0.1008 | | 0.0021 | | 4.0862 | | 0.0906 | | 0.2938 | | 0.0041 | | 1640 | | 22 | | 1652 | | 18 | 1661 | | | 20 | |
| P6T-76 | | 15.0068 | | | 138.87 | | 229.67 | 0.6047 | | 0.0537 | | 0.0032 | | 0.4234 | | 0.0251 | | 0.0572 | | 0.0009 | | 357 | | 105 | | 358 | | 18 | 359 | | | 6 | |
| P6T-77 | | 62.4873 | | | 158.96 | | 212.5 | 0.7480 | | 0.0888 | | 0.0021 | | 3.0095 | | 0.0726 | | 0.2457 | | 0.0035 | | 1400 | | 25 | | 1410 | | 18 | 1416 | | | 18 | |
| P6T-78 | | 18.4910 | | | 46.31 | | 329.73 | 0.1404 | | 0.0535 | | 0.0025 | | 0.4138 | | 0.0195 | | 0.0561 | | 0.0009 | | 350 | | 79 | | 352 | | 14 | 352 | | | 5 | |
| P6T-79 | | 14.8822 | | | 68.98 | | 251.19 | 0.2746 | | 0.0535 | | 0.0026 | | 0.4174 | | 0.0203 | | 0.0566 | | 0.0009 | | 351 | | 81 | | 354 | | 15 | 355 | | | 5 | |
| P6T-80 | | 9.8393 | | | 71.88 | | 155.74 | 0.4615 | | 0.0539 | | 0.0038 | | 0.4352 | | 0.0304 | | 0.0586 | | 0.0010 | | 366 | | 128 | | 367 | | 22 | 367 | | | 6 | |
| P6T-81 | | 26.9085 | | | 184.68 | | 413.01 | 0.4472 | | 0.0542 | | 0.0021 | | 0.4477 | | 0.0171 | | 0.0599 | | 0.0009 | | 381 | | 59 | | 376 | | 12 | 375 | | | 5 | |
| P6T-82 | | 8.1090 | | | 87.63 | | 118.75 | 0.7379 | | 0.0540 | | 0.0048 | | 0.4313 | | 0.0378 | | 0.0579 | | 0.0011 | | 372 | | 163 | | 364 | | 27 | 363 | | | 7 | |
| P6T-83 | | 13.4842 | | | 143.74 | | 212.78 | 0.6755 | | 0.0538 | | 0.0038 | | 0.4149 | | 0.0292 | | 0.0560 | | 0.0009 | | 361 | | 130 | | 352 | | 21 | 351 | | | 6 | |
| P6T-84 | | 9.9272 | | | 70.93 | | 160.02 | 0.4433 | | 0.0536 | | 0.0026 | | 0.4193 | | 0.0201 | | 0.0567 | | 0.0009 | | 356 | | 78 | | 356 | | 14 | 356 | | | 6 | |
| P6T-85 | | 52.8219 | | | 168.95 | | 147.74 | 1.1436 | | 0.0979 | | 0.0024 | | 3.7238 | | 0.0942 | | 0.2759 | | 0.0040 | | 1584 | | 26 | | 1577 | | 20 | 1571 | | | 20 | |
| P6T-86 | | 21.3402 | | | 146.2 | | 339.79 | 0.4303 | | 0.0541 | | 0.0025 | | 0.4425 | | 0.0205 | | 0.0593 | | 0.0009 | | 376 | | 76 | | 372 | | 14 | 371 | | | 6 | |
| P6T-87 | | 45.9042 | | | 131.12 | | 149.3 | 0.8782 | | 0.0925 | | 0.0023 | | 3.1835 | | 0.0804 | | 0.2497 | | 0.0036 | | 1477 | | 27 | | 1453 | | 20 | 1437 | | | 19 | |
| P6T-88 | | 42.9645 | | | 152.13 | | 206.45 | 0.7369 | | 0.0733 | | 0.0019 | | 1.7810 | | 0.0480 | | 0.1762 | | 0.0026 | | 1022 | | 32 | | 1039 | | 18 | 1046 | | | 14 | |
| P6T-89 | | 17.3338 | | | 144.82 | | 152.84 | 0.9475 | | 0.0596 | | 0.0029 | | 0.7553 | | 0.0368 | | 0.0919 | | 0.0014 | | 589 | | 79 | | 571 | | 21 | 567 | | | 8 | |
| P6T-90 | | 78.2337 | | | 155.23 | | 360.3 | 0.4308 | | 0.1239 | | 0.0041 | | 3.1501 | | 0.0923 | | 0.1845 | | 0.0027 | | 2012 | | 59 | | 1445 | | 23 | 1091 | | | 15 | |
| P6T-91 | | 121.4173 | | | 109.45 | | 405.52 | 0.2699 | | 0.1099 | | 0.0024 | | 4.3482 | | 0.0989 | | 0.2869 | | 0.0040 | | 1798 | | 22 | | 1703 | | 19 | 1626 | | | 20 | |
| P6T-92 | | 177.6378 | | | 154.52 | | 812.33 | 0.1902 | | 0.0831 | | 0.0018 | | 2.4578 | | 0.0554 | | 0.2144 | | 0.0030 | | 1272 | | 23 | | 1260 | | 16 | 1252 | | | 16 | |
| P6T-93 | | 8.4881 | | | 105.45 | | 132.91 | 0.7934 | | 0.0534 | | 0.0039 | | 0.3998 | | 0.0289 | | 0.0543 | | 0.0009 | | 345 | | 134 | | 342 | | 21 | 341 | | | 6 | |
| P6T-94 | | 14.7004 | | | 78.72 | | 242.49 | 0.3246 | | 0.0540 | | 0.0022 | | 0.4314 | | 0.0176 | | 0.0580 | | 0.0009 | | 369 | | 64 | | 364 | | 13 | 363 | | | 5 | |
| P6T-95 | | 131.2733 | | | 130.77 | | 315.99 | 0.4138 | | 0.1230 | | 0.0027 | | 6.2629 | | 0.1420 | | 0.3691 | | 0.0052 | | 2001 | | 21 | | 2013 | | 20 | 2025 | | | 24 | |
| P6T-96 | | 14.1596 | | | 123.45 | | 225.92 | 0.5464 | | 0.0536 | | 0.0027 | | 0.4176 | | 0.0211 | | 0.0565 | | 0.0009 | | 356 | | 86 | | 354 | | 15 | 354 | | | 5 | |
| P6T-97 | | 13.6559 | | | 62.26 | | 230.34 | 0.2703 | | 0.0535 | | 0.0027 | | 0.4184 | | 0.0213 | | 0.0567 | | 0.0009 | | 350 | | 87 | | 355 | | 15 | 356 | | | 5 | |
| P6T-98 | | 16.3322 | | | 137.14 | | 255.57 | 0.5366 | | 0.0537 | | 0.0019 | | 0.4347 | | 0.0157 | | 0.0587 | | 0.0009 | | 357 | | 54 | | 367 | | 11 | 368 | | | 5 | |
| P6T-99 | | 46.2051 | | | 56.49 | | 639.49 | 0.0883 | | 0.0557 | | 0.0015 | | 0.5653 | | 0.0153 | | 0.0736 | | 0.0011 | | 441 | | 35 | | 455 | | 10 | 458 | | | 6 | |
| P6T-100 | | 20.2489 | | | 101.7 | | 307.62 | 0.3306 | | 0.0547 | | 0.0025 | | 0.4693 | | 0.0217 | | 0.0622 | | 0.0010 | | 399 | | 76 | | 391 | | 15 | 389 | | | 6 | |
| P6T-101 | | 6.6823 | | | 103.42 | | 97.63 | 1.0593 | | 0.0532 | | 0.0043 | | 0.3970 | | 0.0318 | | 0.0541 | | 0.0010 | | 336 | | 148 | | 339 | | 23 | 340 | | | 6 | |
| P6T-102 | | 99.1858 | | | 114.33 | | 269.15 | 0.4248 | | 0.1141 | | 0.0026 | | 5.1435 | | 0.1224 | | 0.3268 | | 0.0047 | | 1866 | | 23 | | 1843 | | 20 | 1823 | | | 23 | |
| P6T-103 | | 100.8398 | | | 85.99 | | 195.95 | 0.4388 | | 0.1782 | | 0.0041 | | 11.0512 | | 0.2596 | | 0.4496 | | 0.0064 | | 2636 | | 21 | | 2527 | | 22 | 2394 | | | 29 | |
| P6T-104 | | 6.5235 | | | 63.87 | | 105.19 | 0.6072 | | 0.0535 | | 0.0044 | | 0.4097 | | 0.0330 | | 0.0555 | | 0.0010 | | 350 | | 149 | | 349 | | 24 | 348 | | | 6 | |
| P6T-105 | | 135.4597 | | | 118.82 | | 390.73 | 0.3041 | | 0.1088 | | 0.0025 | | 4.8081 | | 0.1135 | | 0.3204 | | 0.0045 | | 1780 | | 23 | | 1786 | | 20 | 1792 | | | 22 | |
| P6T-106 | | 17.4231 | | | 88.46 | | 281.39 | 0.3144 | | 0.0542 | | 0.0021 | | 0.4471 | | 0.0175 | | 0.0598 | | 0.0009 | | 381 | | 61 | | 375 | | 12 | 374 | | | 6 | |
| P6T-107 | | 41.9980 | | | 134.46 | | 581.42 | 0.2313 | | 0.0596 | | 0.0019 | | 0.5941 | | 0.0188 | | 0.0723 | | 0.0011 | | 588 | | 43 | | 473 | | 12 | 450 | | | 6 | |
| P6T-108 | | 67.7515 | | | 96.71 | | 975.45 | 0.0991 | | 0.0588 | | 0.0015 | | 0.5710 | | 0.0149 | | 0.0704 | | 0.0010 | | 560 | | 33 | | 459 | | 10 | 439 | | | 6 | |
| P6T-109 | | 15.5927 | | | 78.68 | | 265.98 | 0.2958 | | 0.0537 | | 0.0023 | | 0.4182 | | 0.0180 | | 0.0565 | | 0.0009 | | 358 | | 69 | | 355 | | 13 | 354 | | | 5 | |
| P6T-110 | | 9.0850 | | | 120.8 | | 137.49 | 0.8786 | | 0.0534 | | 0.0031 | | 0.4055 | | 0.0232 | | 0.0551 | | 0.0009 | | 346 | | 99 | | 346 | | 17 | 345 | | | 6 | |
| P6T-111 | | 39.8268 | | | 158.11 | | 156.39 | 1.0110 | | 0.0901 | | 0.0024 | | 2.7350 | | 0.0741 | | 0.2202 | | 0.0032 | | 1427 | | 30 | | 1338 | | 20 | 1283 | | | 17 | |
| P6T-112 | | 4.1743 | | | 36.79 | | 65.33 | 0.5631 | | 0.0535 | | 0.0061 | | 0.4250 | | 0.0483 | | 0.0576 | | 0.0012 | | 351 | | 219 | | 360 | | 34 | 361 | | | 7 | |
| P6T-113 | | 27.6194 | | | 441.48 | | 419.25 | 1.0530 | | 0.0532 | | 0.0017 | | 0.3907 | | 0.0128 | | 0.0533 | | 0.0008 | | 338 | | 47 | | 335 | | 9 | 334 | | | 5 | |
| P6T-114 | | 108.8642 | | | 285.46 | | 372.12 | 0.7671 | | 0.0904 | | 0.0022 | | 3.1278 | | 0.0768 | | 0.2509 | | 0.0036 | | 1434 | | 26 | | 1440 | | 19 | 1443 | | | 18 | |
| P6T-115 | | 21.6334 | | | 154.29 | | 283.89 | 0.5435 | | 0.0553 | | 0.0018 | | 0.5354 | | 0.0176 | | 0.0702 | | 0.0011 | | 426 | | 46 | | 435 | | 12 | 437 | | | 6 | |
| P6T-116 | | 5.8821 | | | 66.95 | | 98.6 | 0.6790 | | 0.0529 | | 0.0037 | | 0.3835 | | 0.0268 | | 0.0526 | | 0.0010 | | 326 | | 126 | | 330 | | 20 | 330 | | | 6 | |
| P6T-117 | | 31.9580 | | | 182.15 | | 411.58 | 0.4426 | | 0.0562 | | 0.0017 | | 0.5617 | | 0.0169 | | 0.0726 | | 0.0011 | | 458 | | 41 | | 453 | | 11 | 452 | | | 6 | |
| P6T-118 | | 19.3073 | | | 177.14 | | 204.32 | 0.8670 | | 0.0571 | | 0.0020 | | 0.6214 | | 0.0218 | | 0.0789 | | 0.0012 | | 497 | | 50 | | 491 | | 14 | 489 | | | 7 | |
| P6T-119 | | 33.5346 | | | 77.33 | | 413.62 | 0.1870 | | 0.0632 | | 0.0017 | | 0.7078 | | 0.0196 | | 0.0812 | | 0.0012 | | 715 | | 34 | | 543 | | 12 | 503 | | | 7 | |
| P6T-120 | | 19.6678 | | | 335.58 | | 295.94 | 1.1339 | | 0.0532 | | 0.0022 | | 0.3883 | | 0.0161 | | 0.0529 | | 0.0008 | | 337 | | 65 | | 333 | | 12 | 332 | | | 5 | |