表1 袁家村铁矿碎屑锆石U-Pb测年(La-ICPMS)数据表

Table 1 Detrital zircon U-Pb dating data (LA ICPMS) in Yuanjiacun BIF

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Analysis | Concentrations | | | |  | Isotopicratios | | | | | |  | Isotopicages(Ma) | | | | | |  |
| Pb | Th | U | Th/U |  | 207Pb | 1σ | 207Pb | 1σ | 206Pb | 1σ |  | 207Pb | 1σ | 207Pb | 1σ | 206Pb | 1σ | Concordance |
| \*10-6 | | |  | 206Pb | 235U | 238U |  | 206Pb | 235U | 238U |  |
| 15YJC-14-1 | 34 | 49 | 75 | 0.66 |  | 0.1733 | 0.0100 | 7.8540 | 0.5856 | 0.3267 | 0.0136 |  | 2591 | 96 | 2214 | 67 | 1822 | 66 | 80% |
| 15YJC-14-2 | 37 | 134 | 198 | 0.68 |  | 0.1511 | 0.0090 | 3.6774 | 0.7055 | 0.1743 | 0.0304 |  | 2358 | 102 | 1566 | 153 | 1036 | 167 | 59% |
| 15YJC-14-3 | 20 | 36 | 45 | 0.80 |  | 0.1642 | 0.0110 | 7.4171 | 0.6194 | 0.3266 | 0.0173 |  | 2499 | 112 | 2163 | 75 | 1822 | 84 | 82% |
| 15YJC-14-4 | 33 | 56 | 61 | 0.93 |  | 0.1653 | 0.0105 | 8.9669 | 0.8581 | 0.3933 | 0.0366 |  | 2510 | 107 | 2335 | 87 | 2138 | 169 | 91% |
| 15YJC-14-5 | 40 | 95 | 104 | 0.91 |  | 0.1565 | 0.0096 | 5.9784 | 0.5893 | 0.2758 | 0.0215 |  | 2420 | 99 | 1973 | 86 | 1570 | 109 | 77% |
| 15YJC-14-6 | 40 | 46 | 72 | 0.64 |  | 0.1651 | 0.0084 | 9.4548 | 0.5807 | 0.4139 | 0.0157 |  | 2509 | 85 | 2383 | 56 | 2233 | 72 | 93% |
| 15YJC-14-7 | 33 | 73 | 89 | 0.81 |  | 0.1635 | 0.0095 | 6.1773 | 0.5183 | 0.2722 | 0.0154 |  | 2494 | 98 | 2001 | 73 | 1552 | 78 | 74% |
| 15YJC-14-8 | 38 | 221 | 153 | 1.45 |  | 0.1601 | 0.0083 | 4.1129 | 0.2718 | 0.1856 | 0.0082 |  | 2457 | 88 | 1657 | 54 | 1097 | 44 | 59% |
| 15YJC-14-9 | 31 | 213 | 89 | 2.39 |  | 0.1685 | 0.0106 | 5.6559 | 0.4223 | 0.2426 | 0.0113 |  | 2543 | 104 | 1925 | 64 | 1400 | 58 | 68% |
| 15YJC-14-10 | 30 | 29 | 46 | 0.63 |  | 0.1635 | 0.0097 | 10.8341 | 0.6885 | 0.4799 | 0.0176 |  | 2492 | 101 | 2509 | 59 | 2527 | 77 | 99% |
| 15YJC-14-11 | 34 | 46 | 76 | 0.61 |  | 0.1663 | 0.0111 | 7.5851 | 0.6746 | 0.3292 | 0.0209 |  | 2521 | 112 | 2183 | 80 | 1834 | 101 | 82% |
| 15YJC-14-12 | 32 | 88 | 82 | 1.07 |  | 0.1633 | 0.0098 | 6.3815 | 0.3830 | 0.2822 | 0.0098 |  | 2490 | 102 | 2030 | 53 | 1602 | 49 | 76% |
| 15YJC-14-13 | 29 | 82 | 102 | 0.80 |  | 0.1574 | 0.0177 | 4.5667 | 0.3276 | 0.2038 | 0.0106 |  | 2427 | 187 | 1743 | 60 | 1196 | 57 | 62% |
| 15YJC-14-14 | 30 | 116 | 79 | 1.47 |  | 0.1682 | 0.0113 | 6.4292 | 0.5684 | 0.2755 | 0.0181 |  | 2539 | 114 | 2036 | 78 | 1569 | 92 | 74% |
| 15YJC-14-15 | 27 | 56 | 67 | 0.83 |  | 0.1665 | 0.0110 | 6.7224 | 0.4854 | 0.2911 | 0.0116 |  | 2524 | 111 | 2076 | 64 | 1647 | 58 | 76% |
| 15YJC-14-16 | 36 | 63 | 101 | 0.63 |  | 0.1660 | 0.0083 | 6.4552 | 0.5098 | 0.2796 | 0.0171 |  | 2518 | 84 | 2040 | 69 | 1589 | 86 | 75% |
| 15YJC-14-17 | 38 | 45 | 72 | 0.62 |  | 0.1664 | 0.0113 | 9.1998 | 0.7736 | 0.3987 | 0.0258 |  | 2522 | 114 | 2358 | 77 | 2163 | 119 | 91% |
| 15YJC-14-18 | 22 | 10 | 34 | 0.31 |  | 0.1816 | 0.0099 | 13.0335 | 0.7632 | 0.5179 | 0.0198 |  | 2668 | 90 | 2682 | 55 | 2690 | 84 | 99% |
| 15YJC-14-19 | 57 | 111 | 218 | 0.51 |  | 0.1509 | 0.0098 | 4.0383 | 0.2648 | 0.1930 | 0.0086 |  | 2367 | 111 | 1642 | 53 | 1138 | 46 | 63% |
| 15YJC-14-20 | 34 | 32 | 51 | 0.62 |  | 0.1717 | 0.0104 | 11.7201 | 0.7633 | 0.4910 | 0.0175 |  | 2576 | 102 | 2582 | 61 | 2575 | 76 | 99% |
| 15YJC-14-21 | 50 | 122 | 118 | 1.04 |  | 0.1680 | 0.0081 | 7.1515 | 0.3894 | 0.3069 | 0.0114 |  | 2539 | 81 | 2130 | 49 | 1725 | 56 | 78% |
| 15YJC-14-22 | 38 | 244 | 147 | 1.66 |  | 0.1622 | 0.0077 | 4.3641 | 0.2768 | 0.1937 | 0.0091 |  | 2480 | 84 | 1706 | 52 | 1142 | 49 | 60% |
| 15YJC-14-23 | 33 | 42 | 60 | 0.71 |  | 0.1644 | 0.0109 | 9.2518 | 0.8539 | 0.4049 | 0.0256 |  | 2501 | 111 | 2363 | 85 | 2192 | 117 | 92% |
| 15YJC-14-24 | 30 | 62 | 76 | 0.81 |  | 0.1703 | 0.0121 | 6.8234 | 0.6204 | 0.2889 | 0.0198 |  | 2561 | 119 | 2089 | 81 | 1636 | 99 | 75% |
| 15YJC-14-25 | 47 | 155 | 218 | 0.71 |  | 0.1561 | 0.0071 | 4.0392 | 0.4187 | 0.1861 | 0.0177 |  | 2414 | 78 | 1642 | 84 | 1100 | 96 | 60% |
| 15YJC-14-26 | 33 | 89 | 138 | 0.64 |  | 0.1661 | 0.0090 | 4.2535 | 0.4069 | 0.1842 | 0.0140 |  | 2520 | 91 | 1684 | 79 | 1090 | 76 | 57% |
| 15YJC-14-27 | 37 | 47 | 57 | 0.82 |  | 0.1728 | 0.0084 | 11.1475 | 0.6162 | 0.4656 | 0.0176 |  | 2585 | 81 | 2536 | 52 | 2464 | 77 | 97% |
| 15YJC-14-28 | 38 | 70 | 125 | 0.56 |  | 0.1695 | 0.0112 | 5.2622 | 0.3664 | 0.2248 | 0.0127 |  | 2553 | 110 | 1863 | 59 | 1307 | 67 | 64% |
| 15YJC-14-29 | 30 | 34 | 46 | 0.74 |  | 0.1715 | 0.0112 | 11.6829 | 0.9421 | 0.4915 | 0.0293 |  | 2573 | 109 | 2579 | 75 | 2577 | 127 | 99% |
| 15YJC-14-30 | 27 | 37 | 50 | 0.74 |  | 0.1642 | 0.0106 | 8.9785 | 0.5700 | 0.3947 | 0.0144 |  | 2500 | 109 | 2336 | 58 | 2145 | 67 | 91% |
| 15YJC-19-1 | 24 | 152 | 376 | 0.41 |  | 0.0532 | 0.0061 | 0.3910 | 0.0536 | 0.0527 | 0.0024 |  | 339 | 268 | 335 | 39 | 331 | 15 | 98% |
| 15YJC-19-2 | 19 | 184 | 320 | 0.58 |  | 0.0527 | 0.0067 | 0.3460 | 0.0452 | 0.0475 | 0.0026 |  | 317 | 267 | 302 | 34 | 299 | 16 | 99% |
| 15YJC-19-3 | 6 | 1 | 9 | 0.15 |  | 0.2998 | 0.0506 | 15.3117 | 2.6127 | 0.3783 | 0.0426 |  | 3469 | 265 | 2835 | 163 | 2069 | 199 | 68% |
| 15YJC-19-4 | 159 | 193 | 422 | 0.46 |  | 0.1049 | 0.0048 | 4.3642 | 0.2459 | 0.3001 | 0.0125 |  | 1713 | 84 | 1706 | 47 | 1692 | 62 | 99% |
| 15YJC-19-5 | 52 | 88 | 160 | 0.55 |  | 0.0979 | 0.0067 | 3.3520 | 0.2305 | 0.2473 | 0.0096 |  | 1584 | 130 | 1493 | 54 | 1425 | 49 | 95% |
| 15YJC-19-6 | 9 | 27 | 25 | 1.08 |  | 0.5547 | 0.0619 | 9.2382 | 0.9596 | 0.1272 | 0.0177 |  | 4394 | 164 | 2362 | 95 | 772 | 101 | -2% |
| 15YJC-19-7 | 91 | 52 | 214 | 0.24 |  | 0.1178 | 0.0061 | 5.7507 | 0.3579 | 0.3521 | 0.0150 |  | 1924 | 93 | 1939 | 54 | 1945 | 72 | 99% |
| 15YJC-19-8 | 3 | 107 | 115 | 0.93 |  | 0.0774 | 0.0248 | 0.2159 | 0.0682 | 0.0210 | 0.0025 |  | 1131 | 671 | 198 | 57 | 134 | 16 | 61% |
| 15YJC-19-9 | 10 | 123 | 270 | 0.46 |  | 0.0506 | 0.0109 | 0.2041 | 0.0436 | 0.0294 | 0.0033 |  | 233 | 424 | 189 | 37 | 187 | 21 | 99% |
| 15YJC-19-10 | 9 | 60 | 120 | 0.50 |  | 0.1762 | 0.0243 | 1.1235 | 0.1628 | 0.0460 | 0.0033 |  | 2618 | 231 | 765 | 78 | 290 | 21 | 9% |
| 15YJC-19-11 | 56 | 45 | 213 | 0.21 |  | 0.1109 | 0.0078 | 3.3660 | 0.2439 | 0.2193 | 0.0109 |  | 1814 | 127 | 1497 | 57 | 1278 | 57 | 84% |
| 15YJC-19-12 | 5 | 36 | 92 | 0.39 |  | 0.0534 | 0.0084 | 0.3357 | 0.0494 | 0.0464 | 0.0033 |  | 343 | 322 | 294 | 38 | 292 | 20 | 99% |
| 15YJC-19-13 | 14 | 191 | 301 | 0.63 |  | 0.0505 | 0.0051 | 0.2563 | 0.0254 | 0.0369 | 0.0022 |  | 220 | 218 | 232 | 20 | 234 | 14 | 99% |
| 15YJC-19-14 | 27 | 155 | 258 | 0.60 |  | 0.0932 | 0.0083 | 0.9910 | 0.0973 | 0.0768 | 0.0038 |  | 1492 | 166 | 699 | 50 | 477 | 23 | 62% |
| 15YJC-19-15 | 38 | 190 | 257 | 0.74 |  | 0.0648 | 0.0048 | 0.9843 | 0.0881 | 0.1093 | 0.0059 |  | 769 | 156 | 696 | 45 | 669 | 34 | 96% |
| 15YJC-19-16 | 42 | 477 | 600 | 0.80 |  | 0.0552 | 0.0060 | 0.3926 | 0.0399 | 0.0517 | 0.0028 |  | 420 | 251 | 336 | 29 | 325 | 17 | 96% |
| 15YJC-19-17 | 55 | 309 | 1208 | 0.26 |  | 0.0841 | 0.0061 | 0.4194 | 0.0356 | 0.0360 | 0.0019 |  | 1295 | 142 | 356 | 25 | 228 | 12 | 56% |
| 15YJC-19-18 | 11 | 131 | 125 | 1.05 |  | 0.0557 | 0.0082 | 0.4738 | 0.0686 | 0.0636 | 0.0081 |  | 443 | 333 | 394 | 47 | 397 | 49 | 99% |
| 15YJC-19-19 | 25 | 19 | 64 | 0.30 |  | 0.1209 | 0.0139 | 5.1928 | 0.8136 | 0.3111 | 0.0419 |  | 1970 | 206 | 1851 | 133 | 1746 | 206 | 94% |
| 15YJC-19-20 | 33 | 55 | 98 | 0.56 |  | 0.0941 | 0.0068 | 3.3736 | 0.2639 | 0.2614 | 0.0173 |  | 1509 | 135 | 1498 | 61 | 1497 | 89 | 99% |
| 15YJC-19-21 | 10 | 158 | 131 | 1.20 |  | 0.0535 | 0.0068 | 0.3998 | 0.0506 | 0.0543 | 0.0026 |  | 350 | 289 | 341 | 37 | 341 | 16 | 99% |
| 15YJC-19-22 | 18 | 217 | 312 | 0.70 |  | 0.0526 | 0.0048 | 0.3415 | 0.0323 | 0.0470 | 0.0019 |  | 309 | 203 | 298 | 24 | 296 | 12 | 99% |
| 15YJC-19-23 | 5 | 36 | 111 | 0.33 |  | 0.0574 | 0.0144 | 0.3235 | 0.0774 | 0.0416 | 0.0045 |  | 509 | 474 | 285 | 59 | 263 | 28 | 91% |
| 15YJC-19-24 | 44 | 74 | 201 | 0.37 |  | 0.0741 | 0.0037 | 1.8972 | 0.1061 | 0.1852 | 0.0076 |  | 1056 | 100 | 1080 | 37 | 1095 | 41 | 98% |
| 15YJC-19-25 | 4 | 101 | 126 | 0.80 |  | 0.0668 | 0.0189 | 0.2336 | 0.0606 | 0.0258 | 0.0023 |  | 831 | 616 | 213 | 50 | 164 | 14 | 73% |
| 15YJC-19-26 | 8 | 159 | 42 | 3.83 |  | 0.4109 | 0.0502 | 3.6268 | 0.3869 | 0.0662 | 0.0051 |  | 3950 | 184 | 1555 | 85 | 413 | 31 | -17% |
| 15YJC-19-27 | 13 | 169 | 245 | 0.69 |  | 0.0545 | 0.0047 | 0.3224 | 0.0291 | 0.0428 | 0.0020 |  | 391 | 194 | 284 | 22 | 270 | 12 | 95% |
| 15YJC-19-28 | 5 | 78 | 82 | 0.95 |  | 0.0538 | 0.0180 | 0.3541 | 0.1141 | 0.0472 | 0.0040 |  | 365 | 616 | 308 | 86 | 297 | 25 | 96% |
| 15YJC-19-29 | 197 | 32 | 1030 | 0.03 |  | 0.1095 | 0.0053 | 2.6401 | 0.1508 | 0.1737 | 0.0062 |  | 1791 | 89 | 1312 | 42 | 1033 | 34 | 76% |
| 15YJC-19-30 | 71 | 266 | 762 | 0.35 |  | 0.0574 | 0.0040 | 0.6571 | 0.0543 | 0.0825 | 0.0044 |  | 506 | 154 | 513 | 33 | 511 | 26 | 99% |
| 15YJC-10-1 | 8 | 221 | 308 | 0.72 |  | 0.0497 | 0.0095 | 0.1379 | 0.0234 | 0.0204 | 0.0013 |  | 189 | 387 | 131 | 21 | 130 | 8 | 99% |
| 15YJC-10-2 | 376 | 464 | 874 | 0.53 |  | 0.1188 | 0.0048 | 5.7510 | 0.3047 | 0.3490 | 0.0142 |  | 1939 | 72 | 1939 | 46 | 1930 | 68 | 99% |
| 15YJC-10-3 | 6 | 147 | 163 | 0.90 |  | 0.0514 | 0.0105 | 0.1940 | 0.0359 | 0.0282 | 0.0039 |  | 261 | 472 | 180 | 31 | 180 | 25 | 99% |
| 15YJC-10-4 | 35 | 45 | 79 | 0.57 |  | 0.1187 | 0.0075 | 5.7489 | 0.3771 | 0.3520 | 0.0178 |  | 1939 | 118 | 1939 | 57 | 1944 | 85 | 99% |
| 15YJC-10-5 | 29 | 75 | 118 | 0.64 |  | 0.0794 | 0.0055 | 2.1685 | 0.1612 | 0.1975 | 0.0085 |  | 1183 | 138 | 1171 | 52 | 1162 | 46 | 99% |
| 15YJC-10-6 | 42 | 56 | 66 | 0.85 |  | 0.1610 | 0.0085 | 10.2326 | 0.6548 | 0.4596 | 0.0224 |  | 2466 | 90 | 2456 | 59 | 2438 | 99 | 99% |
| 15YJC-10-7 | 274 | 500 | 401 | 1.25 |  | 0.1597 | 0.0081 | 10.1382 | 0.6344 | 0.4573 | 0.0208 |  | 2454 | 85 | 2447 | 58 | 2427 | 92 | 99% |
| 15YJC-10-8 | 10 | 83 | 188 | 0.44 |  | 0.0554 | 0.0085 | 0.3458 | 0.0485 | 0.0458 | 0.0031 |  | 428 | 348 | 302 | 37 | 289 | 19 | 95% |
| 15YJC-10-9 | 6 | 121 | 207 | 0.59 |  | 0.0496 | 0.0095 | 0.1552 | 0.0270 | 0.0231 | 0.0015 |  | 176 | 396 | 147 | 24 | 147 | 10 | 99% |
| 15YJC-10-10 | 10 | 142 | 178 | 0.80 |  | 0.0513 | 0.0072 | 0.2930 | 0.0420 | 0.0415 | 0.0028 |  | 254 | 296 | 261 | 33 | 262 | 17 | 99% |
| 15YJC-10-11 | 27 | 164 | 169 | 0.97 |  | 0.0672 | 0.0078 | 1.0887 | 0.1498 | 0.1168 | 0.0083 |  | 843 | 272 | 748 | 73 | 712 | 48 | 95% |
| 15YJC-10-12 | 6 | 33 | 68 | 0.48 |  | 0.0590 | 0.0070 | 0.6043 | 0.0704 | 0.0764 | 0.0069 |  | 565 | 261 | 480 | 45 | 475 | 41 | 98% |
| 15YJC-10-13 | 8 | 206 | 283 | 0.73 |  | 0.0488 | 0.0082 | 0.1500 | 0.0246 | 0.0223 | 0.0014 |  | 139 | 356 | 142 | 22 | 142 | 9 | 99% |
| 15YJC-10-14 | 8 | 78 | 146 | 0.54 |  | 0.0528 | 0.0084 | 0.3292 | 0.0493 | 0.0456 | 0.0028 |  | 320 | 335 | 289 | 38 | 287 | 17 | 99% |
| 15YJC-10-15 | 8 | 42 | 48 | 0.88 |  | 0.0652 | 0.0101 | 1.1870 | 0.1815 | 0.1322 | 0.0089 |  | 789 | 330 | 795 | 84 | 801 | 50 | 99% |
| 15YJC-10-16 | 2 | 15 | 35 | 0.43 |  | 0.0514 | 0.0109 | 0.3164 | 0.0678 | 0.0450 | 0.0038 |  | 261 | 422 | 279 | 52 | 284 | 23 | 98% |
| 15YJC-10-17 | 4 | 93 | 152 | 0.61 |  | 0.0493 | 0.0191 | 0.1297 | 0.0395 | 0.0195 | 0.0017 |  | 167 | 713 | 124 | 36 | 124 | 11 | 99% |
| 15YJC-10-18 | 4 | 219 | 108 | 2.02 |  | 0.0497 | 0.0101 | 0.1331 | 0.0248 | 0.0199 | 0.0012 |  | 189 | 406 | 127 | 22 | 127 | 7 | 99% |
| 15YJC-10-19 | 14 | 17 | 33 | 0.51 |  | 0.1152 | 0.0081 | 5.4111 | 0.4338 | 0.3398 | 0.0169 |  | 1883 | 126 | 1887 | 69 | 1886 | 81 | 99% |
| 15YJC-10-20 | 5 | 64 | 82 | 0.78 |  | 0.0534 | 0.0163 | 0.3438 | 0.0994 | 0.0476 | 0.0049 |  | 346 | 570 | 300 | 75 | 300 | 30 | 99% |
| 15YJC-10-21 | 4 | 22 | 55 | 0.40 |  | 0.0561 | 0.0134 | 0.4929 | 0.1105 | 0.0645 | 0.0042 |  | 457 | 465 | 407 | 75 | 403 | 26 | 99% |
| 15YJC-10-22 | 2 | 41 | 44 | 0.92 |  | 0.0550 | 0.0301 | 0.1776 | 0.0801 | 0.0241 | 0.0033 |  | 409 | 907 | 166 | 69 | 154 | 21 | 92% |
| 15YJC-10-23 | 320 | 419 | 688 | 0.61 |  | 0.1219 | 0.0051 | 6.1015 | 0.3850 | 0.3603 | 0.0187 |  | 1984 | 74 | 1990 | 55 | 1984 | 89 | 99% |
| 15YJC-10-24 | 148 | 201 | 327 | 0.62 |  | 0.1159 | 0.0055 | 5.4765 | 0.3197 | 0.3403 | 0.0157 |  | 1895 | 92 | 1897 | 50 | 1888 | 76 | 99% |
| 15YJC-10-25 | 21 | 1292 | 516 | 2.50 |  | 0.0489 | 0.0050 | 0.1519 | 0.0153 | 0.0224 | 0.0009 |  | 143 | 226 | 144 | 13 | 143 | 5 | 99% |
| 15YJC-10-26 | 9 | 57 | 116 | 0.49 |  | 0.0540 | 0.0069 | 0.4629 | 0.0603 | 0.0620 | 0.0026 |  | 369 | 291 | 386 | 42 | 388 | 16 | 99% |
| 15YJC-10-27 | 16 | 203 | 320 | 0.63 |  | 0.0508 | 0.0066 | 0.2802 | 0.0408 | 0.0395 | 0.0023 |  | 232 | 278 | 251 | 32 | 250 | 14 | 99% |
| 15YJC-10-28 | 34 | 81 | 72 | 1.13 |  | 0.1105 | 0.0065 | 4.9515 | 0.3012 | 0.3233 | 0.0123 |  | 1807 | 107 | 1811 | 51 | 1806 | 60 | 99% |
| 15YJC-10-29 | 189 | 132 | 431 | 0.31 |  | 0.1524 | 0.0091 | 7.5308 | 0.5734 | 0.3552 | 0.0218 |  | 2374 | 70 | 2177 | 68 | 1959 | 104 | 89% |
| 15YJC-10-30 | 2 | 1 | 4 | 0.14 |  | 0.1189 | 0.0217 | 5.4585 | 0.9255 | 0.3441 | 0.0271 |  | 1939 | 333 | 1894 | 146 | 1907 | 130 | 99% |
| 15YJC-17-1 | 87 | 115 | 129 | 0.89 |  | 0.1644 | 0.0087 | 10.7586 | 0.6509 | 0.4714 | 0.0224 |  | 2502 | 90 | 2503 | 56 | 2490 | 98 | 99% |
| 15YJC-17-2 | 2 | 19 | 33 | 0.59 |  | 0.0607 | 0.0201 | 0.4329 | 0.1377 | 0.0527 | 0.0054 |  | 632 | 586 | 365 | 98 | 331 | 33 | 90% |
| 15YJC-17-3 | 14 | 93 | 163 | 0.57 |  | 0.0556 | 0.0069 | 0.5230 | 0.0635 | 0.0679 | 0.0033 |  | 435 | 250 | 427 | 42 | 424 | 20 | 99% |
| 15YJC-17-4 | 21 | 50 | 45 | 1.12 |  | 0.1136 | 0.0077 | 5.1978 | 0.3508 | 0.3318 | 0.0141 |  | 1858 | 122 | 1852 | 57 | 1847 | 68 | 99% |
| 15YJC-17-5 | 17 | 182 | 241 | 0.76 |  | 0.0536 | 0.0069 | 0.4087 | 0.0582 | 0.0550 | 0.0038 |  | 367 | 297 | 348 | 42 | 345 | 23 | 99% |
| 15YJC-17-6 | 15 | 28 | 20 | 1.37 |  | 0.1654 | 0.0101 | 10.7234 | 0.7259 | 0.4690 | 0.0193 |  | 2522 | 103 | 2499 | 63 | 2479 | 85 | 99% |
| 15YJC-17-7 | 36 | 69 | 79 | 0.87 |  | 0.1117 | 0.0076 | 5.0095 | 0.3693 | 0.3268 | 0.0261 |  | 1827 | 123 | 1821 | 62 | 1823 | 127 | 99% |
| 15YJC-17-8 | 12 | 117 | 265 | 0.44 |  | 0.0511 | 0.0083 | 0.2566 | 0.0380 | 0.0366 | 0.0026 |  | 256 | 328 | 232 | 31 | 232 | 16 | 99% |
| 15YJC-17-9 | 59 | 499 | 723 | 0.69 |  | 0.0583 | 0.0037 | 0.5094 | 0.0352 | 0.0630 | 0.0021 |  | 543 | 139 | 418 | 24 | 394 | 13 | 94% |
| 15YJC-17-10 | 25 | 363 | 537 | 0.68 |  | 0.0519 | 0.0070 | 0.2515 | 0.0351 | 0.0350 | 0.0019 |  | 283 | 278 | 228 | 28 | 222 | 12 | 97% |
| 15YJC-17-11 | 183 | 45 | 341 | 0.13 |  | 0.1589 | 0.0075 | 9.9793 | 0.7151 | 0.4566 | 0.0314 |  | 2444 | 81 | 2433 | 66 | 2425 | 139 | 99% |
| 15YJC-17-12 | 100 | 21 | 454 | 0.05 |  | 0.1245 | 0.0075 | 3.1329 | 0.2830 | 0.1811 | 0.0104 |  | 2021 | 107 | 1441 | 70 | 1073 | 57 | 70% |
| 15YJC-17-13 | 20 | 110 | 229 | 0.48 |  | 0.0567 | 0.0047 | 0.5412 | 0.0527 | 0.0695 | 0.0044 |  | 480 | 185 | 439 | 35 | 433 | 26 | 98% |
| 15YJC-17-14 | 117 | 121 | 169 | 0.72 |  | 0.1732 | 0.0076 | 11.7880 | 0.6670 | 0.4938 | 0.0226 |  | 2589 | 74 | 2588 | 53 | 2587 | 97 | 99% |
| 15YJC-17-15 | 55 | 77 | 124 | 0.62 |  | 0.1161 | 0.0083 | 5.2397 | 0.3733 | 0.3276 | 0.0176 |  | 1898 | 128 | 1859 | 61 | 1827 | 86 | 98% |
| 15YJC-17-16 | 11 | 179 | 201 | 0.89 |  | 0.0525 | 0.0058 | 0.2932 | 0.0331 | 0.0409 | 0.0022 |  | 306 | 256 | 261 | 26 | 259 | 13 | 99% |
| 15YJC-17-17 | 102 | 165 | 137 | 1.21 |  | 0.1699 | 0.0089 | 11.2987 | 0.7081 | 0.4818 | 0.0233 |  | 2567 | 88 | 2548 | 58 | 2535 | 101 | 99% |
| 15YJC-17-18 | 2 | 24 | 33 | 0.71 |  | 0.0535 | 0.0129 | 0.3365 | 0.0767 | 0.0471 | 0.0032 |  | 350 | 467 | 295 | 58 | 297 | 20 | 99% |
| 15YJC-17-19 | 48 | 898 | 1133 | 0.79 |  | 0.0683 | 0.0050 | 0.3045 | 0.0257 | 0.0323 | 0.0016 |  | 877 | 150 | 270 | 20 | 205 | 10 | 72% |
| 15YJC-17-20 | 6 | 30 | 32 | 0.96 |  | 0.0668 | 0.0126 | 1.3075 | 0.2725 | 0.1422 | 0.0142 |  | 831 | 396 | 849 | 120 | 857 | 80 | 99% |
| 15YJC-17-21 | 39 | 337 | 841 | 0.40 |  | 0.0518 | 0.0038 | 0.2733 | 0.0214 | 0.0384 | 0.0019 |  | 276 | 170 | 245 | 17 | 243 | 12 | 99% |
| 15YJC-17-22 | 116 | 205 | 156 | 1.31 |  | 0.1626 | 0.0086 | 10.1798 | 0.5754 | 0.4537 | 0.0191 |  | 2483 | 89 | 2451 | 52 | 2412 | 85 | 98% |
| 15YJC-17-23 | 49 | 74 | 675 | 0.11 |  | 0.0551 | 0.0032 | 0.5000 | 0.0328 | 0.0656 | 0.0022 |  | 417 | 131 | 412 | 22 | 410 | 13 | 99% |
| 15YJC-17-24 | 12 | 30 | 69 | 0.44 |  | 0.0654 | 0.0084 | 1.2537 | 0.1654 | 0.1392 | 0.0089 |  | 789 | 272 | 825 | 75 | 840 | 50 | 98% |
| 15YJC-17-25 | 5 | 59 | 87 | 0.68 |  | 0.0525 | 0.0090 | 0.3462 | 0.0602 | 0.0477 | 0.0025 |  | 309 | 348 | 302 | 45 | 301 | 15 | 99% |
| 15YJC-17-26 | 19 | 68 | 165 | 0.41 |  | 0.0596 | 0.0051 | 0.7711 | 0.0755 | 0.0936 | 0.0049 |  | 591 | 185 | 580 | 43 | 577 | 29 | 99% |
| 15YJC-17-27 | 46 | 32 | 74 | 0.44 |  | 0.1642 | 0.0161 | 10.8724 | 1.1218 | 0.4792 | 0.0216 |  | 2500 | 165 | 2512 | 96 | 2524 | 94 | 99% |
| 15YJC-17-28 | 158 | 205 | 231 | 0.89 |  | 0.1641 | 0.0076 | 10.7058 | 0.6023 | 0.4729 | 0.0189 |  | 2498 | 78 | 2498 | 52 | 2496 | 83 | 99% |
| 15YJC-17-29 | 12 | 15 | 25 | 0.62 |  | 0.1250 | 0.0185 | 6.2212 | 0.9797 | 0.3632 | 0.0348 |  | 2029 | 264 | 2007 | 138 | 1997 | 164 | 99% |
| 15YJC-17-30 | 29 | 169 | 338 | 0.50 |  | 0.0555 | 0.0044 | 0.5388 | 0.0436 | 0.0703 | 0.0025 |  | 435 | 174 | 438 | 29 | 438 | 15 | 99% |
| 15YJC-11-1 | 40 | 564 | 214 | 2.64 |  | 0.0678 | 0.0049 | 0.9716 | 0.0747 | 0.1039 | 0.0045 |  | 863 | 150 | 689 | 38 | 637 | 26 | 92% |
| 15YJC-11-2 | 42 | 62 | 76 | 0.81 |  | 0.1405 | 0.0128 | 7.7681 | 0.5556 | 0.4010 | 0.0236 |  | 2235 | 153 | 2205 | 64 | 2174 | 109 | 98% |
| 15YJC-11-3 | 19 | 96 | 111 | 0.87 |  | 0.0658 | 0.0051 | 1.1756 | 0.0959 | 0.1299 | 0.0051 |  | 800 | 164 | 789 | 45 | 787 | 29 | 99% |
| 15YJC-11-4 | 35 | 241 | 186 | 1.30 |  | 0.0651 | 0.0056 | 1.1625 | 0.1208 | 0.1296 | 0.0103 |  | 776 | 183 | 783 | 57 | 786 | 59 | 99% |
| 15YJC-11-5 | 9 | 59 | 45 | 1.29 |  | 0.0672 | 0.0103 | 1.2182 | 0.1891 | 0.1332 | 0.0072 |  | 843 | 323 | 809 | 87 | 806 | 41 | 99% |
| 15YJC-11-6 | 23 | 94 | 128 | 0.73 |  | 0.0662 | 0.0044 | 1.2695 | 0.0938 | 0.1391 | 0.0054 |  | 813 | 140 | 832 | 42 | 839 | 30 | 99% |
| 15YJC-11-7 | 11 | 38 | 62 | 0.61 |  | 0.0664 | 0.0060 | 1.2369 | 0.1151 | 0.1353 | 0.0053 |  | 820 | 189 | 817 | 52 | 818 | 30 | 99% |
| 15YJC-11-8 | 44 | 298 | 686 | 0.43 |  | 0.0593 | 0.0038 | 0.4433 | 0.0420 | 0.0540 | 0.0037 |  | 576 | 147 | 373 | 30 | 339 | 23 | 90% |
| 15YJC-11-9 | 14 | 62 | 69 | 0.90 |  | 0.0700 | 0.0060 | 1.4808 | 0.1327 | 0.1539 | 0.0067 |  | 931 | 178 | 923 | 54 | 923 | 38 | 99% |
| 15YJC-11-10 | 7 | 80 | 95 | 0.84 |  | 0.0537 | 0.0111 | 0.4493 | 0.1018 | 0.0600 | 0.0034 |  | 367 | 402 | 377 | 71 | 376 | 21 | 99% |
| 15YJC-11-11 | 277 | 216 | 684 | 0.32 |  | 0.1165 | 0.0043 | 5.5924 | 0.2932 | 0.3470 | 0.0148 |  | 1903 | 66 | 1915 | 45 | 1920 | 71 | 99% |
| 15YJC-11-12 | 12 | 50 | 64 | 0.78 |  | 0.0691 | 0.0129 | 1.3318 | 0.2518 | 0.1400 | 0.0094 |  | 903 | 397 | 860 | 110 | 844 | 53 | 98% |
| 15YJC-11-13 | 10 | 399 | 580 | 0.69 |  | 0.0479 | 0.0090 | 0.0880 | 0.0164 | 0.0133 | 0.0006 |  | 98 | 402 | 86 | 15 | 85 | 4 | 99% |
| 15YJC-11-14 | 31 | 109 | 145 | 0.75 |  | 0.0730 | 0.0059 | 1.6633 | 0.1323 | 0.1653 | 0.0059 |  | 1014 | 166 | 995 | 50 | 986 | 33 | 99% |
| 15YJC-11-15 | 14 | 66 | 82 | 0.81 |  | 0.0690 | 0.0062 | 1.2245 | 0.1151 | 0.1290 | 0.0056 |  | 902 | 187 | 812 | 53 | 782 | 32 | 96% |
| 15YJC-11-16 | 5 | 17 | 28 | 0.59 |  | 0.0685 | 0.0111 | 1.3828 | 0.2175 | 0.1472 | 0.0077 |  | 883 | 341 | 882 | 93 | 885 | 43 | 99% |
| 15YJC-11-17 | 2 | 42 | 47 | 0.89 |  | 0.0576 | 0.0330 | 0.1727 | 0.0768 | 0.0253 | 0.0046 |  | 522 | 917 | 162 | 66 | 161 | 29 | 99% |
| 15YJC-11-18 | 30 | 98 | 70 | 1.40 |  | 0.1029 | 0.0105 | 3.8772 | 0.3873 | 0.2725 | 0.0120 |  | 1680 | 189 | 1609 | 81 | 1554 | 61 | 96% |
| 15YJC-11-19 | 93 | 257 | 325 | 0.79 |  | 0.0821 | 0.0063 | 2.4355 | 0.2576 | 0.2137 | 0.0152 |  | 1250 | 146 | 1253 | 76 | 1249 | 81 | 99% |
| 15YJC-11-20 | 18 | 72 | 109 | 0.66 |  | 0.0658 | 0.0062 | 1.1870 | 0.1140 | 0.1306 | 0.0058 |  | 1200 | 197 | 795 | 53 | 791 | 33 | 99% |
| 15YJC-9-1 | 2 | 7 | 13 | 0.58 |  | 0.0668 | 0.0186 | 1.2477 | 0.3193 | 0.1371 | 0.0136 |  | 831 | 608 | 822 | 144 | 828 | 77 | 99% |
| 15YJC-9-2 | 12 | 128 | 256 | 0.50 |  | 0.0516 | 0.0108 | 0.2797 | 0.0560 | 0.0393 | 0.0020 |  | 333 | 354 | 250 | 44 | 248 | 12 | 99% |
| 15YJC-9-3 | 16 | 27 | 35 | 0.76 |  | 0.1144 | 0.0076 | 5.2320 | 0.3602 | 0.3315 | 0.0132 |  | 1870 | 120 | 1858 | 59 | 1845 | 64 | 99% |
| 15YJC-9-4 | 76 | 206 | 146 | 1.41 |  | 0.1162 | 0.0066 | 5.4186 | 0.3663 | 0.3367 | 0.0165 |  | 1899 | 102 | 1888 | 58 | 1871 | 80 | 99% |
| 15YJC-9-5 | 17 | 215 | 152 | 1.41 |  | 0.0573 | 0.0100 | 0.6034 | 0.0980 | 0.0764 | 0.0037 |  | 502 | 395 | 479 | 62 | 475 | 22 | 99% |
| 15YJC-9-6 | 108 | 21 | 128 | 0.16 |  | 0.2519 | 0.0134 | 22.4749 | 1.2467 | 0.6428 | 0.0228 |  | 3197 | 84 | 3204 | 54 | 3200 | 89 | 99% |
| 15YJC-9-7 | 48 | 571 | 1096 | 0.52 |  | 0.0508 | 0.0058 | 0.2475 | 0.0267 | 0.0352 | 0.0012 |  | 232 | 244 | 225 | 22 | 223 | 8 | 99% |
| 15YJC-9-8 | 15 | 160 | 377 | 0.42 |  | 0.0499 | 0.0055 | 0.2239 | 0.0252 | 0.0325 | 0.0018 |  | 191 | 237 | 205 | 21 | 206 | 11 | 99% |
| 15YJC-9-9 | 18 | 194 | 428 | 0.45 |  | 0.0509 | 0.0056 | 0.2535 | 0.0273 | 0.0361 | 0.0016 |  | 239 | 233 | 229 | 22 | 229 | 10 | 99% |
| 15YJC-9-10 | 9 | 180 | 128 | 1.41 |  | 0.0520 | 0.0078 | 0.3481 | 0.0579 | 0.0480 | 0.0029 |  | 287 | 311 | 303 | 44 | 302 | 18 | 99% |
| 15YJC-9-11 | 9 | 95 | 153 | 0.62 |  | 0.0533 | 0.0087 | 0.3656 | 0.0605 | 0.0501 | 0.0035 |  | 339 | 333 | 316 | 45 | 315 | 22 | 99% |
| 15YJC-9-12 | 3 | 108 | 103 | 1.04 |  | 0.0534 | 0.0222 | 0.1427 | 0.0490 | 0.0213 | 0.0029 |  | 346 | 739 | 135 | 44 | 136 | 18 | 99% |
| 15YJC-9-13 | 7 | 79 | 136 | 0.58 |  | 0.0531 | 0.0118 | 0.2983 | 0.0650 | 0.0411 | 0.0024 |  | 332 | 441 | 265 | 51 | 260 | 15 | 98% |
| 15YJC-9-14 | 36 | 123 | 242 | 0.51 |  | 0.0643 | 0.0050 | 1.0419 | 0.0796 | 0.1175 | 0.0051 |  | 752 | 159 | 725 | 40 | 716 | 29 | 98% |
| 15YJC-9-15 | 17 | 190 | 319 | 0.60 |  | 0.0529 | 0.0056 | 0.2994 | 0.0311 | 0.0412 | 0.0018 |  | 324 | 234 | 266 | 24 | 260 | 11 | 97% |
| 15YJC-9-16 | 22 | 368 | 373 | 0.99 |  | 0.0519 | 0.0048 | 0.2980 | 0.0274 | 0.0416 | 0.0015 |  | 280 | 213 | 265 | 21 | 263 | 9 | 99% |
| 15YJC-9-17 | 16 | 237 | 287 | 0.82 |  | 0.0511 | 0.0062 | 0.2813 | 0.0353 | 0.0399 | 0.0018 |  | 256 | 250 | 252 | 28 | 252 | 11 | 99% |
| 15YJC-9-18 | 3 | 13 | 20 | 0.67 |  | 0.0658 | 0.0123 | 1.1293 | 0.2089 | 0.1254 | 0.0079 |  | 1200 | 400 | 767 | 100 | 761 | 45 | 99% |
| 15YJC-9-19 | 3 | 10 | 20 | 0.50 |  | 0.0692 | 0.0122 | 1.2060 | 0.1959 | 0.1310 | 0.0082 |  | 906 | 366 | 803 | 90 | 793 | 47 | 98% |
| 15YJC-9-20 | 77 | 87 | 196 | 0.45 |  | 0.1100 | 0.0067 | 4.7218 | 0.3548 | 0.3101 | 0.0144 |  | 1799 | 111 | 1771 | 63 | 1741 | 71 | 98% |
| 15YJC-9-21 | 2 | 16 | 34 | 0.48 |  | 0.0586 | 0.0263 | 0.3206 | 0.0830 | 0.0450 | 0.0031 |  | 550 | 772 | 282 | 64 | 284 | 19 | 99% |
| 15YJC-9-22 | 60 | 127 | 181 | 0.70 |  | 0.0900 | 0.0063 | 3.0227 | 0.2165 | 0.2428 | 0.0092 |  | 1428 | 134 | 1413 | 55 | 1401 | 48 | 99% |
| 15YJC-9-23 | 8 | 524 | 1191 | 0.44 |  | 0.0476 | 0.0066 | 0.0349 | 0.0049 | 0.0053 | 0.0002 |  | 80 | 309 | 35 | 5 | 34 | 2 | 98% |
| 15YJC-9-24 | 226 | 45 | 348 | 0.13 |  | 0.1874 | 0.0107 | 13.2357 | 1.1498 | 0.5096 | 0.0369 |  | 2719 | 88 | 2697 | 82 | 2655 | 157 | 98% |
| 15YJC-9-25 | 12 | 36 | 336 | 0.11 |  | 0.0504 | 0.0070 | 0.2160 | 0.0311 | 0.0311 | 0.0035 |  | 213 | 293 | 199 | 26 | 198 | 22 | 99% |
| 15YJC-9-26 | 15 | 85 | 215 | 0.40 |  | 0.0541 | 0.0052 | 0.4245 | 0.0417 | 0.0569 | 0.0023 |  | 376 | 217 | 359 | 30 | 357 | 14 | 99% |
| 15YJC-9-27 | 6 | 21 | 34 | 0.61 |  | 0.0640 | 0.0150 | 1.1038 | 0.2529 | 0.1246 | 0.0091 |  | 743 | 512 | 755 | 122 | 757 | 52 | 99% |
| 15YJC-9-28 | 6 | 27 | 35 | 0.78 |  | 0.0662 | 0.0106 | 1.1757 | 0.1718 | 0.1314 | 0.0066 |  | 813 | 341 | 789 | 80 | 796 | 38 | 99% |
| 15YJC-9-29 | 28 | 802 | 625 | 1.28 |  | 0.0674 | 0.0065 | 0.2909 | 0.0267 | 0.0316 | 0.0018 |  | 850 | 203 | 259 | 21 | 200 | 11 | 74% |
| 15YJC-9-30 | 19 | 278 | 182 | 1.52 |  | 0.0691 | 0.0092 | 0.6949 | 0.0986 | 0.0723 | 0.0041 |  | 902 | 271 | 536 | 59 | 450 | 25 | 82% |

表2 袁家村BIFs样品锆石微量元素数据表(ppm)

Table 2 Trace elements(ppm) compositions of the zircon in Yuanjiacun BIFs

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Spota | P | Ti | Y | Nb | Hf | Ta | Pb | Th | U | La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho | Er | Tm | Yb | Lu |
| 15YJC-14-1 | 91.6 | 49.2 | 548 | 0.72 | 3003 | 0.13 | 33.8 | 49.4 | 74.9 | 1.61 | 28.8 | 3.50 | 30.3 | 30.4 | 19.6 | 62.3 | 10.5 | 70.3 | 15.8 | 51.4 | 8.68 | 64.5 | 12.3 |
| 15YJC-14-2 | 215 | 71.7 | 2234 | 1.29 | 3039 | 0.17 | 37.3 | 134 | 198 | 4.39 | 135 | 14.6 | 129 | 123 | 83.0 | 247 | 45.3 | 305 | 61.0 | 176 | 24.6 | 160 | 26.7 |
| 15YJC-14-3 | 57.7 | 5.51 | 289 | 0.35 | 2937 | 0.05 | 20.3 | 36.0 | 45.2 | 0.77 | 14.2 | 0.72 | 7.0 | 6.76 | 4.57 | 17.4 | 3.75 | 32.5 | 8.91 | 33.9 | 6.24 | 52.0 | 10.2 |
| 15YJC-14-4 | 82.5 | 10.2 | 585 | 0.54 | 2853 | 0.08 | 33.0 | 56.2 | 60.6 | 1.31 | 30.1 | 2.81 | 21.2 | 24.0 | 16.8 | 53.3 | 10.3 | 74.4 | 17.0 | 56.9 | 9.58 | 75.1 | 13.8 |
| 15YJC-14-5 | 82.0 | 14.2 | 638 | 1.03 | 2964 | 0.15 | 39.8 | 94.9 | 104 | 1.25 | 40.6 | 2.86 | 24.4 | 23.8 | 15.7 | 51.0 | 9.86 | 76.7 | 19.0 | 65.2 | 11.2 | 83.2 | 15.5 |
| 15YJC-14-6 | 71.7 | 6.70 | 413 | 0.69 | 3023 | 0.15 | 40.4 | 46.1 | 72.0 | 0.57 | 19.9 | 1.64 | 14.2 | 15.5 | 9.43 | 33.6 | 6.20 | 48.3 | 12.5 | 45.1 | 8.18 | 65.6 | 13.1 |
| 15YJC-14-7 | 75.0 | 19.2 | 670 | 0.96 | 3039 | 0.11 | 32.7 | 72.5 | 89.0 | 1.20 | 50.9 | 3.85 | 34.8 | 35.5 | 24.7 | 73.1 | 12.6 | 83.7 | 18.5 | 59.8 | 10.0 | 75.7 | 14.4 |
| 15YJC-14-8 | 176 | 55.9 | 1735 | 1.30 | 3010 | 0.16 | 38.3 | 221 | 153 | 4.22 | 90.4 | 12.8 | 115 | 110 | 71.8 | 222 | 37.5 | 241 | 48.4 | 137 | 19.9 | 132 | 22.5 |
| 15YJC-14-9 | 104 | 33.8 | 1128 | 0.61 | 3086 | 0.10 | 30.6 | 213 | 89.1 | 3.58 | 52.1 | 8.16 | 72.3 | 74.3 | 46.6 | 146 | 24.1 | 158 | 32.2 | 94.6 | 14.2 | 99.1 | 17.3 |
| 15YJC-14-10 | 56.7 | 3.34 | 221 | 0.49 | 3084 | 0.11 | 30.2 | 29.4 | 46.3 | 0.22 | 9.73 | 0.20 | 2.03 | 2.33 | 1.27 | 8.63 | 2.14 | 22.5 | 7.15 | 30.6 | 6.04 | 50.5 | 10.2 |
| 15YJC-14-11 | 67.8 | 12.6 | 519 | 0.97 | 2994 | 0.12 | 34.0 | 46.2 | 75.6 | 0.59 | 30.0 | 1.92 | 17.1 | 17.0 | 11.1 | 37.7 | 7.54 | 60.5 | 15.2 | 55.6 | 9.80 | 74.3 | 14.2 |
| 15YJC-14-12 | 74.4 | 21.8 | 617 | 0.52 | 3159 | 0.08 | 32.0 | 88.5 | 82.3 | 1.35 | 33.4 | 4.31 | 39.2 | 37.5 | 23.9 | 71.2 | 11.6 | 78.2 | 17.4 | 57.9 | 9.37 | 71.4 | 13.8 |
| 15YJC-14-13 | 538 | 73.0 | 831 | 0.82 | 3057 | 0.12 | 29.3 | 82.0 | 102 | 11.9 | 68.1 | 10.5 | 79.8 | 61.5 | 39.1 | 110 | 16.9 | 107 | 22.9 | 72.4 | 11.4 | 83.3 | 15.5 |
| 15YJC-14-14 | 90.6 | 18.1 | 819 | 0.53 | 3037 | 0.09 | 29.9 | 116 | 78.8 | 2.12 | 38.1 | 5.55 | 49.1 | 51.4 | 31.7 | 104 | 17.7 | 114 | 24.6 | 76.9 | 12.5 | 89.2 | 16.1 |
| 15YJC-14-15 | 65.5 | 8.18 | 423 | 0.43 | 2957 | 0.08 | 27.3 | 55.9 | 67.4 | 0.78 | 23.0 | 2.73 | 25.7 | 24.3 | 15.1 | 44.7 | 6.68 | 48.9 | 12.2 | 43.5 | 7.93 | 63.1 | 12.4 |
| 15YJC-14-16 | 72.8 | 14.3 | 586 | 0.82 | 3117 | 0.14 | 36.0 | 63.0 | 101 | 1.48 | 29.4 | 4.17 | 35.0 | 33.0 | 20.9 | 67.0 | 11.1 | 75.6 | 16.9 | 54.7 | 9.12 | 69.6 | 13.2 |
| 15YJC-14-17 | 82.4 | 15.2 | 447 | 0.66 | 3056 | 0.14 | 38.3 | 44.5 | 71.7 | 1.34 | 29.5 | 4.01 | 36.0 | 31.8 | 18.9 | 54.8 | 8.21 | 53.4 | 11.7 | 40.0 | 6.67 | 50.7 | 9.73 |
| 15YJC-14-18 | 39.0 | 0.92 | 161 | 0.20 | 4025 | 0.07 | 22.5 | 10.5 | 34.1 | 0.01 | 2.78 | 0.06 | 0.59 | 0.77 | 0.34 | 3.56 | 1.06 | 13.1 | 4.91 | 25.1 | 5.62 | 53.0 | 12.4 |
| 15YJC-14-19 | 193 | 48.9 | 1676 | 1.61 | 3129 | 0.18 | 56.6 | 111 | 218 | 3.46 | 120 | 12.0 | 104 | 103 | 68.5 | 196 | 33.8 | 221 | 45.3 | 132 | 19.5 | 130 | 22.8 |
| 15YJC-14-20 | 54.4 | 4.42 | 229 | 0.49 | 3041 | 0.11 | 33.9 | 31.6 | 50.9 | 0.09 | 11.9 | 0.28 | 2.99 | 3.69 | 2.29 | 10.1 | 2.40 | 23.3 | 7.34 | 30.9 | 6.11 | 51.1 | 10.5 |
| 15YJC-14-21 | 115 | 37.4 | 899 | 1.00 | 2968 | 0.16 | 50.1 | 122 | 118 | 2.91 | 52.7 | 8.41 | 76.0 | 72.8 | 44.0 | 130 | 18.7 | 116 | 24.5 | 79.1 | 12.8 | 93.9 | 17.5 |
| 15YJC-14-22 | 162 | 57.6 | 1592 | 1.45 | 3036 | 0.17 | 38.3 | 244 | 147 | 3.96 | 88.2 | 12.4 | 110 | 108 | 70.5 | 207 | 34.8 | 221 | 43.5 | 125 | 18.1 | 121 | 20.7 |
| 15YJC-14-23 | 48.0 | 6.59 | 323 | 0.62 | 3015 | 0.13 | 32.6 | 42.5 | 59.9 | 0.22 | 14.2 | 0.59 | 5.65 | 7.00 | 4.51 | 20.1 | 4.10 | 35.0 | 10.2 | 39.3 | 7.50 | 61.7 | 12.2 |
| 15YJC-14-24 | 64.8 | 18.5 | 465 | 0.79 | 3081 | 0.10 | 30.5 | 62.1 | 76.1 | 0.80 | 34.1 | 2.53 | 24.8 | 24.2 | 14.9 | 48.3 | 8.29 | 59.3 | 14.2 | 47.3 | 7.90 | 58.4 | 11.2 |
| 15YJC-14-25 | 192 | 50.5 | 1937 | 1.65 | 3042 | 0.17 | 46.9 | 155 | 218 | 4.20 | 123 | 12.6 | 109 | 111 | 75.5 | 223 | 39.5 | 258 | 52.5 | 150 | 21.8 | 146 | 24.6 |
| 15YJC-14-26 | 137 | 47.9 | 1223 | 1.11 | 2998 | 0.13 | 33.2 | 88.8 | 138 | 3.48 | 111 | 13.2 | 128 | 102 | 64.3 | 167 | 24.0 | 152 | 32.2 | 100 | 15.2 | 103 | 18.4 |
| 15YJC-14-27 | 57.5 | 747 | 355 | 1.02 | 2899 | 0.13 | 36.5 | 47.0 | 57.4 | 1.64 | 17.7 | 1.40 | 9.54 | 10.1 | 6.70 | 22.7 | 5.01 | 41.7 | 11.0 | 42.0 | 7.93 | 63.8 | 12.8 |
| 15YJC-14-28 | 114 | 40.7 | 1102 | 0.88 | 2908 | 0.13 | 37.9 | 70.5 | 125 | 2.94 | 59.7 | 8.83 | 79.0 | 74.0 | 48.2 | 141 | 22.3 | 145 | 30.3 | 93.9 | 14.7 | 102 | 18.4 |
| 15YJC-14-29 | 52.2 | 5.30 | 257 | 0.40 | 2924 | 0.10 | 30.2 | 34.0 | 45.8 | 0.10 | 9.86 | 0.35 | 3.72 | 3.93 | 2.50 | 11.8 | 2.69 | 26.0 | 7.91 | 33.3 | 6.57 | 56.1 | 11.6 |
| 15YJC-14-30 | 51.9 | 5.38 | 278 | 0.38 | 2965 | 0.08 | 26.5 | 36.9 | 49.8 | 0.23 | 13.1 | 0.72 | 6.67 | 6.52 | 4.14 | 16.2 | 3.60 | 30.6 | 8.75 | 34.2 | 6.54 | 53.1 | 10.9 |
| 15YJC-19-1 | 137 | 3.43 | 778 | 2.28 | 7136 | 1.21 | 23.9 | 152 | 376 | 0.17 | 7.37 | 0.24 | 2.00 | 3.72 | 0.63 | 16.0 | 5.62 | 71.3 | 26.5 | 125 | 25.9 | 222 | 44.2 |
| 15YJC-19-2 | 651 | 7.65 | 1664 | 3.87 | 6771 | 1.42 | 19.1 | 184 | 320 | 73.7 | 233 | 32.4 | 171 | 48.8 | 1.40 | 72.9 | 16.8 | 177 | 60.1 | 258 | 49.5 | 406 | 73.5 |
| 15YJC-19-3 | 62.9 | − | 1416 | 1482 | 15.0 | 98.1 | 5.82 | 1.27 | 8.6 | 3.23 | 18.9 | 4.48 | 29.1 | 21.0 | 31.7 | 46.1 | 14.4 | 149 | 40.4 | 154 | 28.0 | 212 | 31.6 |
| 15YJC-19-4 | 168 | 27.6 | 952 | 6.29 | 7567 | 2.66 | 159 | 193 | 422 | 0.09 | 12.2 | 0.08 | 1.19 | 2.63 | 0.34 | 15.9 | 5.93 | 81.7 | 32.0 | 156 | 33.0 | 285 | 57.1 |
| 15YJC-19-5 | 91.9 | 22.2 | 496 | 3.48 | 6738 | 1.06 | 51.6 | 87.8 | 160 | 0.65 | 30.0 | 0.50 | 2.55 | 2.53 | 0.92 | 9.88 | 3.02 | 39.9 | 15.5 | 82.6 | 19.6 | 191 | 42.2 |
| 15YJC-19-6 | − | 141 | 1694 | 1.10 | 44.5 | 0.08 | 9.20 | 27.0 | 24.9 | 224 | 825 | 140 | 757 | 242 | 16.8 | 257 | 45.7 | 314 | 60.0 | 173 | 25.4 | 165 | 21.6 |
| 15YJC-19-7 | 233 | 55.3 | 873 | 1.50 | 7742 | 0.46 | 90.7 | 51.7 | 214 | 2.42 | 10.0 | 0.90 | 5.36 | 5.55 | 1.76 | 26.5 | 8.32 | 90.8 | 27.9 | 114 | 22.0 | 183 | 36.3 |
| 15YJC-19-8 | 62.5 | 73.2 | 1264 | 1.97 | 4979 | 0.58 | 3.49 | 107 | 115 | 3.62 | 17.0 | 1.48 | 12.3 | 14.0 | 0.50 | 49.4 | 13.1 | 140 | 44.4 | 184 | 33.6 | 266 | 49.7 |
| 15YJC-19-9 | 91.3 | 6.49 | 607 | 8.97 | 7020 | 3.98 | 9.76 | 123 | 270 | 0.11 | 28.6 | 0.05 | 0.93 | 1.45 | 0.34 | 7.34 | 3.10 | 44.7 | 18.4 | 102 | 25.6 | 257 | 56.1 |
| 15YJC-19-10 | 196 | − | 825 | 1747 | 71.9 | 220 | 9.44 | 59.9 | 120 | 127 | 646 | 116 | 639 | 238 | 66.1 | 239 | 38.1 | 220 | 35.9 | 84.4 | 10.4 | 57.0 | 6.12 |
| 15YJC-19-11 | 54.4 | 16.5 | 192 | 1.12 | 7061 | 0.61 | 56.5 | 45.0 | 213 | 0.13 | 4.13 | 0.07 | 0.65 | 0.71 | 0.15 | 3.29 | 1.19 | 15.7 | 6.12 | 32.4 | 7.46 | 71.4 | 15.1 |
| 15YJC-19-12 | 248 | 4.05 | 854 | 3.79 | 4662 | 1.07 | 5.06 | 36.0 | 91.9 | 9.09 | 38.2 | 3.17 | 15.3 | 6.12 | 0.17 | 18.7 | 6.09 | 77.5 | 28.7 | 136 | 28.5 | 251 | 51.1 |
| 15YJC-19-13 | 187 | 10.8 | 610 | 1.60 | 7138 | 0.87 | 14.2 | 191 | 301 | 2.75 | 15.4 | 1.05 | 5.89 | 3.30 | 0.19 | 12.7 | 4.19 | 53.1 | 19.6 | 93.0 | 19.3 | 170 | 33.7 |
| 15YJC-19-14 | 103 | 38.2 | 807 | 4.23 | 5773 | 1.16 | 27.1 | 155 | 258 | 6.81 | 46.3 | 2.08 | 10.1 | 6.17 | 0.90 | 20.6 | 6.61 | 80.0 | 27.7 | 123 | 24.4 | 201 | 38.1 |
| 15YJC-19-15 | 74.8 | 1.98 | 425 | 2.27 | 6828 | 0.90 | 37.9 | 190 | 257 | 0.03 | 18.6 | 0.10 | 1.65 | 2.82 | 0.99 | 12.2 | 3.45 | 38.8 | 13.3 | 61.4 | 13.1 | 120 | 25.3 |
| 15YJC-19-16 | 236 | 8.04 | 3101 | 9.54 | 4221 | 2.11 | 42.1 | 477 | 600 | 0.25 | 39.6 | 0.46 | 6.81 | 13.4 | 0.72 | 70.3 | 22.8 | 287 | 104 | 475 | 97.7 | 862 | 171 |
| 15YJC-19-17 | 303 | 22.0 | 1575 | 4.26 | 8022 | 1.84 | 54.9 | 309 | 1208 | 6.15 | 298 | 11.5 | 64.2 | 41.2 | 13.7 | 70.9 | 20.8 | 207 | 54.4 | 214 | 44.7 | 374 | 62.9 |
| 15YJC-19-18 | 772 | 10.4 | 1057 | 1.31 | 6233 | 0.49 | 11.3 | 131 | 125 | 12.2 | 52.9 | 4.07 | 19.7 | 8.73 | 2.08 | 26.8 | 8.12 | 100 | 35.5 | 168 | 35.7 | 320 | 65.6 |
| 15YJC-19-19 | 83.9 | 15.4 | 232 | 0.76 | 7039 | 0.27 | 24.6 | 19.4 | 64.2 | 0.16 | 11.7 | 0.09 | 1.05 | 1.03 | 0.23 | 5.02 | 1.66 | 20.3 | 8.03 | 37.5 | 7.96 | 73.4 | 15.4 |
| 15YJC-19-20 | 162 | 12.0 | 734 | 1.86 | 6815 | 0.65 | 32.7 | 55.2 | 98.4 | 0.30 | 14.5 | 0.17 | 1.35 | 2.05 | 0.34 | 11.8 | 4.45 | 61.3 | 24.4 | 124 | 27.0 | 253 | 52.5 |
| 15YJC-19-21 | 398 | 7.01 | 1141 | 1.66 | 5064 | 0.46 | 10.2 | 158 | 131 | 7.19 | 19.2 | 1.47 | 8.40 | 7.96 | 1.65 | 34.7 | 10.2 | 120 | 41.1 | 177 | 33.1 | 274 | 52.5 |
| 15YJC-19-22 | 139 | 6.92 | 878 | 1.23 | 6441 | 0.80 | 18.3 | 217 | 312 | 0.36 | 15.8 | 0.18 | 1.91 | 3.03 | 0.49 | 16.0 | 5.53 | 73.8 | 28.2 | 138 | 30.7 | 278 | 55.9 |
| 15YJC-19-23 | 51.2 | 2.81 | 453 | 0.93 | 6605 | 0.43 | 5.46 | 36.0 | 111 | 0.22 | 4.41 | 0.07 | 0.78 | 1.44 | 0.18 | 9.04 | 3.02 | 40.5 | 15.6 | 72.5 | 15.2 | 135 | 26.5 |
| 15YJC-19-24 | 152 | 7.71 | 953 | 1.23 | 6980 | 0.86 | 44.0 | 74.2 | 201 | 0.01 | 2.85 | 0.14 | 2.25 | 4.37 | 0.41 | 22.6 | 7.18 | 91.2 | 32.9 | 151 | 30.2 | 255 | 50.2 |
| 15YJC-19-25 | 77.2 | 2.41 | 637 | 2.10 | 6733 | 0.43 | 4.33 | 101 | 126 | 0.86 | 28.0 | 0.21 | 2.54 | 4.75 | 1.89 | 19.3 | 5.77 | 62.7 | 20.4 | 90.5 | 18.0 | 162 | 33.8 |
| 15YJC-19-26 | − | 1.05 | 1006 | 0.03 | 71.6 | 0.01 | 7.74 | 159 | 41.6 | 3120 | 6433 | 589 | 2051 | 291 | 50.0 | 224 | 27.0 | 159 | 32.5 | 96.9 | 14.6 | 101 | 17.5 |
| 15YJC-19-27 | 207 | 7.07 | 1167 | 1.40 | 6325 | 0.59 | 13.1 | 169 | 245 | 1.97 | 20.5 | 0.73 | 5.19 | 5.45 | 1.09 | 24.2 | 8.00 | 103 | 38.5 | 186 | 40.1 | 359 | 73.3 |
| 15YJC-19-28 | 973 | 7.87 | 728 | 0.93 | 6135 | 0.35 | 5.10 | 77.8 | 82.2 | 22.7 | 65.3 | 7.08 | 31.5 | 9.88 | 1.16 | 20.4 | 5.62 | 65.9 | 23.6 | 113 | 24.4 | 225 | 46.6 |
| 15YJC-19-29 | 489 | 48.0 | 1574 | 1.76 | 8484 | 1.41 | 197 | 32.4 | 1030 | 4.22 | 247 | 5.16 | 30.0 | 22.3 | 7.02 | 51.7 | 16.9 | 177 | 48.1 | 189 | 36.9 | 312 | 56.0 |
| 15YJC-19-30 | 125 | 7.24 | 1007 | 3.01 | 7176 | 1.35 | 71.0 | 266 | 762 | 0.40 | 8.96 | 0.56 | 4.75 | 6.11 | 1.82 | 22.8 | 7.64 | 91.9 | 31.9 | 150 | 31.5 | 273 | 54.0 |
| 15YJC-10-1 | 76.2 | 5.08 | 2499 | 6.99 | 5327 | 1.44 | 7.92 | 221 | 308 | 1.85 | 19.8 | 1.04 | 9.34 | 14.3 | 0.12 | 73.3 | 23.9 | 276 | 92.2 | 389 | 67.1 | 508 | 87.1 |
| 15YJC-10-2 | 225 | 18.5 | 1513 | 55.6 | 7606 | 41.4 | 376 | 464 | 874 | 0.02 | 28.8 | 0.15 | 2.77 | 5.53 | 0.49 | 35.0 | 11.7 | 152 | 54.3 | 247 | 49.7 | 431 | 83.7 |
| 15YJC-10-3 | 1007 | 2607 | 638 | 10.3 | 5729 | 1.21 | 6.08 | 147 | 163 | 16.7 | 54.3 | 4.63 | 20.6 | 6.00 | 1.13 | 14.7 | 4.52 | 55.7 | 20.0 | 99.0 | 22.0 | 204 | 44.3 |
| 15YJC-10-4 | 68.2 | 19.1 | 243 | 0.82 | 7043 | 0.33 | 35.4 | 45.2 | 78.9 | 0.13 | 6.10 | 0.17 | 1.26 | 1.34 | 0.33 | 5.62 | 1.82 | 22.8 | 7.94 | 38.0 | 8.42 | 76.5 | 15.7 |
| 15YJC-10-5 | 146 | 6.97 | 773 | 3.54 | 6318 | 1.41 | 29.0 | 75.4 | 118 | 0.53 | 27.3 | 0.59 | 4.70 | 5.39 | 1.22 | 21.3 | 6.66 | 78.6 | 27.1 | 117 | 22.4 | 188 | 36.0 |
| 15YJC-10-6 | 115 | 8.45 | 588 | 1.67 | 5547 | 0.53 | 42.3 | 56.2 | 66.4 | 0.07 | 22.9 | 0.21 | 3.11 | 4.47 | 1.00 | 16.6 | 4.85 | 56.1 | 19.2 | 88.1 | 18.3 | 167 | 33.4 |
| 15YJC-10-7 | 138 | 12.0 | 968 | 2.65 | 4782 | 0.69 | 274 | 500 | 401 | 4.05 | 100 | 2.80 | 14.5 | 8.94 | 3.21 | 31.1 | 8.58 | 92.9 | 31.3 | 141 | 30.0 | 270 | 55.6 |
| 15YJC-10-8 | 68.7 | 3.81 | 847 | 3.81 | 6718 | 1.09 | 10.3 | 82.5 | 188 | 0.05 | 8.11 | 0.08 | 1.41 | 3.18 | 0.04 | 17.7 | 6.16 | 80.3 | 29.3 | 131 | 26.1 | 212 | 40.1 |
| 15YJC-10-9 | 82.5 | 2.63 | 663 | 4.98 | 7138 | 1.06 | 5.96 | 121 | 207 | 0.04 | 35.5 | 0.06 | 0.77 | 1.58 | 0.29 | 9.28 | 3.49 | 48.0 | 19.7 | 105 | 24.8 | 247 | 49.2 |
| 15YJC-10-10 | 171 | 2.75 | 967 | 2.77 | 6698 | 0.91 | 9.52 | 142 | 178 | 0.03 | 33.7 | 0.05 | 0.86 | 2.17 | 0.56 | 13.7 | 5.14 | 76.4 | 30.9 | 162 | 37.9 | 363 | 77.9 |
| 15YJC-10-11 | 91.6 | 55.8 | 1023 | 2.08 | 6343 | 0.34 | 27.4 | 164 | 169 | 0.56 | 24.4 | 0.67 | 6.78 | 8.84 | 4.04 | 32.3 | 9.59 | 99.3 | 32.9 | 143 | 30.5 | 279 | 56.7 |
| 15YJC-10-12 | 404 | 7.48 | 573 | 0.42 | 6581 | 0.17 | 6.33 | 32.9 | 68.3 | 4.61 | 15.8 | 1.65 | 9.03 | 3.92 | 0.54 | 12.7 | 3.99 | 50.4 | 19.1 | 91.8 | 19.7 | 179 | 36.3 |
| 15YJC-10-13 | 95.8 | 2.57 | 973 | 5.61 | 6109 | 1.59 | 8.30 | 206 | 283 | 0.02 | 17.0 | 0.17 | 3.12 | 5.65 | 0.13 | 25.2 | 8.01 | 96.7 | 33.7 | 150 | 29.2 | 239 | 45.2 |
| 15YJC-10-14 | 66.1 | 6.35 | 477 | 1.53 | 6315 | 0.78 | 8.29 | 78.4 | 146 | 0.00 | 7.61 | 0.03 | 0.42 | 1.17 | 0.19 | 6.13 | 2.52 | 35.5 | 14.7 | 78.8 | 19.0 | 187 | 42.3 |
| 15YJC-10-15 | 180 | 5.21 | 1298 | 2.12 | 6357 | 0.65 | 8.49 | 41.7 | 47.6 | 0.01 | 24.4 | 0.09 | 1.90 | 3.99 | 1.67 | 24.2 | 8.68 | 117 | 44.0 | 213 | 44.0 | 385 | 78.2 |
| 15YJC-10-16 | 41.3 | 3.52 | 115 | 0.19 | 6602 | 0.12 | 1.82 | 14.7 | 34.5 | 0.01 | 2.21 | 0.01 | 0.23 | 0.40 | 0.19 | 1.99 | 0.72 | 9.4 | 3.79 | 20.0 | 4.74 | 50.4 | 11.0 |
| 15YJC-10-17 | 47.3 | 2.18 | 1292 | 2.46 | 5709 | 0.86 | 3.75 | 92.7 | 152 | 0.01 | 8.85 | 0.28 | 4.46 | 9.25 | 0.06 | 39.6 | 12.1 | 140 | 47.3 | 201 | 36.8 | 290 | 53.3 |
| 15YJC-10-18 | 106 | 3.91 | 983 | 5.27 | 6293 | 0.82 | 3.79 | 219 | 108 | 0.59 | 88.2 | 0.42 | 3.98 | 5.36 | 1.54 | 23.6 | 7.37 | 89.5 | 31.8 | 147 | 30.5 | 270 | 52.4 |
| 15YJC-10-19 | 61.8 | 44.1 | 205 | 2.54 | 5590 | 0.46 | 14.4 | 17.1 | 33.4 | 1.39 | 9.56 | 1.06 | 5.80 | 2.48 | 0.17 | 4.91 | 1.43 | 17.1 | 6.69 | 33.5 | 7.49 | 71.9 | 15.5 |
| 15YJC-10-20 | 191 | 3.59 | 524 | 1.11 | 6716 | 0.48 | 5.29 | 63.9 | 81.9 | 0.59 | 12.9 | 0.26 | 2.01 | 1.89 | 0.57 | 10.1 | 3.18 | 43.0 | 16.7 | 84.1 | 19.2 | 181 | 40.2 |
| 15YJC-10-21 | 96.9 | 5.16 | 472 | 0.57 | 6440 | 0.24 | 4.45 | 22.0 | 55.3 | 0.01 | 1.57 | 0.02 | 0.61 | 1.04 | 0.27 | 6.69 | 2.69 | 39.5 | 16.2 | 80.0 | 17.4 | 158 | 33.2 |
| 15YJC-10-22 | 156 | 4.63 | 670 | 1.75 | 6433 | 0.47 | 1.56 | 40.9 | 44.4 | 2.30 | 28.2 | 0.56 | 3.43 | 3.24 | 0.93 | 14.0 | 4.38 | 54.5 | 20.3 | 101 | 21.9 | 204 | 43.6 |
| 15YJC-10-23 | 490 | 19.8 | 2957 | 39.1 | 6097 | 15.0 | 320 | 419 | 688 | 0.03 | 25.9 | 0.31 | 5.88 | 13.1 | 0.97 | 73.5 | 23.8 | 296 | 107 | 472 | 90.1 | 726 | 135 |
| 15YJC-10-24 | 157 | 4.95 | 650 | 24.3 | 7098 | 16.0 | 148 | 201 | 327 | 0.57 | 12.2 | 0.14 | 1.11 | 2.23 | 0.53 | 12.5 | 4.38 | 59.6 | 23.0 | 115 | 25.8 | 229 | 45.9 |
| 15YJC-10-25 | 287 | 12.7 | 4068 | 20.7 | 5380 | 3.11 | 21.5 | 1292 | 516 | 0.27 | 260 | 0.65 | 11.4 | 23.9 | 3.63 | 115 | 35.5 | 419 | 143 | 603 | 113 | 914 | 166 |
| 15YJC-10-26 | 583 | 10.0 | 2343 | 0.85 | 6912 | 0.41 | 8.89 | 57.1 | 116 | 0.01 | 5.12 | 0.13 | 2.43 | 6.33 | 0.93 | 41.6 | 15.2 | 210 | 80.2 | 381 | 79.0 | 684 | 133 |
| 15YJC-10-27 | 146 | 6.97 | 1624 | 3.65 | 6447 | 1.04 | 15.8 | 203 | 320 | 0.02 | 24.5 | 0.14 | 2.62 | 5.28 | 0.49 | 28.4 | 10.5 | 141 | 54.2 | 265 | 56.3 | 503 | 101 |
| 15YJC-10-28 | 81.0 | 16.5 | 83.6 | 0.19 | 7078 | 0.03 | 34.1 | 81.5 | 72.1 | 0.01 | 1.32 | 0.08 | 1.61 | 3.93 | 0.13 | 10.5 | 1.79 | 12.4 | 2.71 | 7.45 | 0.97 | 5.75 | 0.74 |
| 15YJC-10-29 | 208 | 34.9 | 1239 | 5.59 | 7178 | 4.56 | 189 | 132 | 431 | 1.49 | 21.8 | 2.79 | 18.2 | 21.0 | 12.3 | 65.7 | 17.1 | 147 | 36.9 | 147 | 31.2 | 287 | 59.3 |
| 15YJC-10-30 | 27.6 | 6.50 | 35.1 | 0.15 | 5622 | 0.03 | 1.58 | 0.5 | 4.0 | 0.01 | 0.21 | 0.01 | 0.04 | 0.02 | 0.02 | 0.15 | 0.10 | 2.07 | 0.99 | 3.96 | 0.62 | 3.55 | 0.57 |
| 15YJC-17-1 | 102 | 300 | 691 | 1.38 | 5545 | 0.36 | 86.9 | 115 | 129 | 0.43 | 11.1 | 0.71 | 5.24 | 3.62 | 1.33 | 12.7 | 4.10 | 53.0 | 20.5 | 107 | 25.3 | 259 | 58.7 |
| 15YJC-17-2 | 68.9 | 7.48 | 365 | 0.32 | 6133 | 0.13 | 2.27 | 19.1 | 32.7 | 0.02 | 5.48 | 0.02 | 0.35 | 0.99 | 0.32 | 6.00 | 2.21 | 29.5 | 12.1 | 60.9 | 13.3 | 125 | 26.8 |
| 15YJC-17-3 | 245 | 9.01 | 981 | 1.50 | 6063 | 0.57 | 13.9 | 92.9 | 163 | 0.02 | 2.17 | 0.11 | 2.21 | 3.96 | 0.31 | 22.6 | 7.20 | 89.5 | 32.5 | 148 | 30.1 | 259 | 51.3 |
| 15YJC-17-4 | 53.4 | 5.42 | 113 | 0.60 | 6989 | 0.21 | 21.5 | 50.1 | 44.9 | 0.01 | 11.5 | 0.08 | 0.79 | 1.29 | 0.27 | 4.00 | 1.02 | 11.0 | 3.72 | 16.7 | 3.43 | 29.7 | 5.97 |
| 15YJC-17-5 | 3412 | 4.36 | 790 | 1.19 | 6116 | 0.35 | 17.1 | 182 | 241 | 54.2 | 131 | 15.1 | 64.0 | 13.5 | 1.38 | 20.2 | 5.04 | 62.9 | 24.6 | 131 | 30.6 | 309 | 68.9 |
| 15YJC-17-6 | 61.2 | 5.60 | 212 | 0.78 | 6449 | 0.24 | 14.7 | 27.6 | 20.1 | 0.00 | 13.7 | 0.03 | 0.60 | 1.07 | 0.22 | 4.82 | 1.53 | 18.1 | 6.55 | 31.5 | 6.74 | 60.3 | 12.6 |
| 15YJC-17-7 | 73.5 | 13.6 | 281 | 1.63 | 6254 | 0.63 | 36.0 | 69.0 | 79.4 | 1.16 | 33.0 | 1.37 | 12.3 | 9.51 | 1.78 | 16.9 | 3.50 | 31.4 | 9.10 | 37.3 | 7.20 | 62.0 | 12.5 |
| 15YJC-17-8 | 132 | 4.48 | 886 | 4.35 | 6273 | 1.49 | 12.0 | 117 | 265 | 0.02 | 5.63 | 0.06 | 1.47 | 2.90 | 0.13 | 16.8 | 5.85 | 79.5 | 29.4 | 139 | 29.0 | 243 | 47.8 |
| 15YJC-17-9 | 126 | 23.8 | 2046 | 8.82 | 6655 | 2.76 | 58.9 | 499 | 723 | 5.45 | 33.5 | 2.78 | 17.5 | 12.8 | 0.62 | 50.3 | 16.5 | 206 | 72.4 | 317 | 59.6 | 476 | 85.7 |
| 15YJC-17-10 | 240 | 4.14 | 1445 | 5.43 | 7056 | 1.67 | 24.7 | 363 | 537 | 2.04 | 22.1 | 1.20 | 8.23 | 11.3 | 1.34 | 45.8 | 13.8 | 150 | 48.0 | 202 | 38.7 | 318 | 60.7 |
| 15YJC-17-11 | 47.3 | 10.6 | 161 | 0.35 | 7347 | 0.32 | 183 | 45.3 | 341 | 0.21 | 7.57 | 0.26 | 1.50 | 1.10 | 0.47 | 3.07 | 0.99 | 12.5 | 4.90 | 26.1 | 6.56 | 69.5 | 16.7 |
| 15YJC-17-12 | 64.8 | 1.19 | 367 | 4.27 | 8241 | 3.94 | 99.6 | 20.8 | 454 | 0.18 | 4.25 | 0.09 | 1.00 | 1.60 | 0.35 | 9.23 | 2.93 | 33.9 | 12.0 | 54.8 | 11.6 | 102 | 21.6 |
| 15YJC-17-13 | 80.2 | 8.77 | 502 | 1.14 | 6891 | 0.36 | 19.7 | 110 | 229 | 0.02 | 9.86 | 0.07 | 1.00 | 2.21 | 1.05 | 13.5 | 4.19 | 46.9 | 15.1 | 64.4 | 13.0 | 115 | 24.8 |
| 15YJC-17-14 | 235 | 3.03 | 1430 | 3.38 | 6741 | 1.37 | 117 | 121 | 169 | 0.04 | 12.3 | 0.07 | 1.34 | 3.34 | 0.35 | 22.3 | 8.49 | 118 | 46.9 | 235 | 50.0 | 445 | 91.1 |
| 15YJC-17-15 | 118 | 4.34 | 332 | 0.81 | 7674 | 0.41 | 55.1 | 77.2 | 124 | 0.01 | 6.21 | 0.01 | 0.32 | 0.67 | 0.13 | 3.29 | 1.40 | 22.5 | 10.3 | 61.5 | 15.9 | 166 | 37.0 |
| 15YJC-17-16 | 612 | 3.57 | 500 | 1.04 | 6579 | 0.46 | 11.4 | 179 | 201 | 7.80 | 29.1 | 1.97 | 7.86 | 2.64 | 0.62 | 9.76 | 3.18 | 39.8 | 15.3 | 77.5 | 17.7 | 171 | 38.7 |
| 15YJC-17-17 | 119 | 19.3 | 1200 | 2.02 | 5701 | 0.50 | 102 | 165 | 137 | 0.17 | 16.0 | 0.76 | 8.02 | 6.64 | 2.38 | 22.6 | 7.16 | 85.6 | 32.5 | 172 | 41.3 | 410 | 90.8 |
| 15YJC-17-18 | 352 | 6.22 | 565 | 0.56 | 5396 | 0.21 | 2.08 | 23.6 | 33.3 | 10.0 | 30.5 | 3.28 | 15.4 | 4.92 | 0.73 | 12.8 | 3.82 | 48.8 | 18.8 | 91.8 | 20.0 | 184 | 40.2 |
| 15YJC-17-19 | 275 | 39.5 | 2370 | 5.71 | 7403 | 1.66 | 47.6 | 898 | 1133.4 | 9.77 | 296 | 15.0 | 83.7 | 50.6 | 12.9 | 89.9 | 24.4 | 253 | 76.7 | 339 | 72.3 | 648 | 128 |
| 15YJC-17-20 | 45.9 | 10.1 | 70.4 | 0.59 | 6695 | 0.31 | 6.42 | 30.3 | 31.7 | 0.02 | 11.0 | 0.04 | 0.58 | 0.99 | 0.30 | 4.12 | 0.91 | 8.48 | 2.41 | 7.98 | 1.30 | 9.54 | 1.85 |
| 15YJC-17-21 | 95.6 | 6.54 | 654 | 1.28 | 7369 | 0.47 | 39.5 | 337 | 840.7 | 0.58 | 16.1 | 2.22 | 11.0 | 13.6 | 3.34 | 29.2 | 7.52 | 69.7 | 20.7 | 87.4 | 18.0 | 155 | 30.2 |
| 15YJC-17-22 | 108 | 35.7 | 1044 | 1.15 | 5982 | 0.58 | 116 | 205 | 156.1 | 0.09 | 30.9 | 0.61 | 8.20 | 10.3 | 1.51 | 35.0 | 9.15 | 99.1 | 34.1 | 150 | 29.6 | 256 | 52.8 |
| 15YJC-17-23 | 27.3 | 1.94 | 118 | 2.91 | 6744 | 1.46 | 49.3 | 74.0 | 674.5 | 0.00 | 7.19 | 0.01 | 0.11 | 0.18 | 0.14 | 1.24 | 0.52 | 7.9 | 3.51 | 21.1 | 5.55 | 60.4 | 14.7 |
| 15YJC-17-24 | 63.6 | 5.80 | 262 | 1.37 | 6811 | 0.62 | 11.8 | 30.3 | 69.0 | 0.00 | 5.27 | 0.02 | 0.32 | 0.84 | 0.14 | 4.48 | 1.64 | 22.7 | 8.63 | 41.9 | 9.04 | 80.6 | 16.3 |
| 15YJC-17-25 | 121 | 5.90 | 712 | 2.50 | 6384 | 0.85 | 5.35 | 58.7 | 86.9 | 0.37 | 27.7 | 0.14 | 1.26 | 2.06 | 0.48 | 11.2 | 4.08 | 57.7 | 22.7 | 119 | 26.9 | 253 | 54.2 |
| 15YJC-17-26 | 71.6 | 5.81 | 222 | 0.84 | 6688 | 0.49 | 18.8 | 68.1 | 164.9 | 0.13 | 5.10 | 0.05 | 0.36 | 0.54 | 0.19 | 3.10 | 1.16 | 17.1 | 6.85 | 36.8 | 8.77 | 86.9 | 19.5 |
| 15YJC-17-27 | 42.5 | 3.56 | 230 | 0.25 | 6476 | 0.13 | 46.4 | 32.4 | 73.6 | 0.01 | 3.12 | 0.01 | 0.32 | 0.74 | 0.47 | 4.36 | 1.53 | 19.0 | 7.11 | 34.8 | 7.84 | 76.5 | 17.5 |
| 15YJC-17-28 | 88.0 | 15.5 | 846 | 3.36 | 6149 | 1.07 | 158 | 205 | 230.5 | 0.01 | 10.7 | 0.05 | 1.08 | 2.71 | 1.03 | 17.2 | 5.96 | 74.8 | 27.5 | 130 | 26.9 | 238 | 48.0 |
| 15YJC-17-29 | 84.1 | 5.53 | 695 | 3.89 | 6665 | 1.11 | 11.8 | 15.3 | 24.9 | 0.01 | 7.38 | 0.22 | 3.40 | 4.90 | 0.39 | 19.9 | 6.07 | 70.8 | 23.7 | 104 | 20.4 | 174 | 33.1 |
| 15YJC-17-30 | 127 | 4.10 | 850 | 2.14 | 7505 | 1.46 | 29.1 | 169 | 338.3 | 0.68 | 39.4 | 1.37 | 11.4 | 9.45 | 1.87 | 27.0 | 7.51 | 85.4 | 29.0 | 133 | 27.5 | 241 | 48.8 |
| 15YJC-11-1 | 230 | 123 | 791 | 1.63 | 6985 | 0.59 | 39.6 | 564 | 213.9 | 3.70 | 40.2 | 2.88 | 18.8 | 9.76 | 8.03 | 26.9 | 6.97 | 75.0 | 24.6 | 110 | 21.7 | 198 | 41.3 |
| 15YJC-11-2 | 116 | 8.39 | 605 | 1.20 | 5487 | 0.54 | 41.6 | 61.8 | 75.9 | 0.02 | 13.2 | 0.21 | 2.95 | 4.57 | 0.82 | 18.4 | 5.26 | 57.5 | 19.5 | 86.2 | 17.1 | 148 | 29.8 |
| 15YJC-11-3 | 168 | 5.28 | 834 | 0.81 | 5305 | 0.24 | 18.8 | 96.1 | 111 | 0.24 | 11.7 | 0.16 | 2.24 | 3.85 | 1.74 | 18.3 | 5.67 | 70.5 | 26.8 | 131 | 28.3 | 265 | 58.4 |
| 15YJC-11-4 | 103 | 7.89 | 845 | 1.34 | 6515 | 0.53 | 34.7 | 241 | 186 | 0.05 | 26.5 | 0.10 | 1.49 | 2.48 | 1.30 | 15.6 | 5.40 | 69.3 | 26.8 | 130 | 28.4 | 274 | 61.7 |
| 15YJC-11-5 | 62.9 | 4.28 | 500 | 0.42 | 7091 | 0.17 | 8.64 | 58.6 | 45.3 | 0.09 | 15.2 | 0.38 | 5.39 | 5.46 | 2.30 | 19.4 | 4.87 | 51.4 | 16.5 | 73.3 | 15.1 | 135 | 29.2 |
| 15YJC-11-6 | 104 | 3.63 | 354 | 0.41 | 6015 | 0.23 | 22.8 | 94.2 | 128 | 0.01 | 7.46 | 0.05 | 0.69 | 1.08 | 0.68 | 5.77 | 1.92 | 25.9 | 10.7 | 58.8 | 14.1 | 148 | 36.8 |
| 15YJC-11-7 | 145 | 3.95 | 599 | 0.51 | 5402 | 0.17 | 10.5 | 37.9 | 62.3 | 0.01 | 5.98 | 0.06 | 1.33 | 2.54 | 0.87 | 13.0 | 4.17 | 53.0 | 19.8 | 96.1 | 20.8 | 190 | 41.4 |
| 15YJC-11-8 | 339 | 12.8 | 1432 | 2.67 | 7754 | 1.45 | 44.0 | 298 | 686 | 3.43 | 44.2 | 8.97 | 54.2 | 34.1 | 10.8 | 76.0 | 19.7 | 187 | 51.8 | 199 | 37.3 | 307 | 54.2 |
| 15YJC-11-9 | 240 | 13.3 | 822 | 1.56 | 7332 | 0.80 | 14.1 | 61.8 | 68.8 | 0.03 | 13.3 | 0.12 | 2.01 | 4.37 | 0.36 | 21.1 | 6.78 | 79.5 | 26.1 | 114 | 22.1 | 183 | 34.2 |
| 15YJC-11-10 | 114 | 65.9 | 1357 | 3.21 | 4559 | 0.44 | 7.49 | 79.7 | 95.3 | 11.9 | 34.6 | 2.92 | 14.5 | 11.2 | 3.00 | 40.8 | 11.5 | 133 | 45.1 | 208 | 43.9 | 386 | 78.1 |
| 15YJC-11-11 | 148 | 3.59 | 1004 | 1.52 | 7191 | 0.77 | 277 | 216 | 684 | 0.00 | 7.53 | 0.40 | 6.86 | 9.86 | 0.82 | 37.6 | 9.51 | 103 | 33.5 | 145 | 28.4 | 243 | 49.1 |
| 15YJC-11-12 | 94.6 | 4.47 | 613 | 0.79 | 6027 | 0.24 | 11.7 | 50.0 | 63.9 | 0.00 | 12.9 | 0.12 | 1.60 | 2.96 | 1.16 | 12.7 | 3.91 | 51.2 | 19.4 | 97.0 | 21.8 | 207 | 47.0 |
| 15YJC-11-13 | 104 | 1.79 | 916 | 9.16 | 8652 | 2.88 | 9.79 | 399 | 580 | 0.05 | 37.2 | 0.04 | 0.79 | 1.57 | 0.32 | 10.1 | 3.85 | 59.7 | 26.0 | 147 | 36.1 | 358 | 80.6 |
| 15YJC-11-14 | 88.0 | 4.98 | 568 | 1.59 | 6024 | 0.53 | 30.6 | 109 | 145 | 0.29 | 16.9 | 0.76 | 4.94 | 2.89 | 0.59 | 10.4 | 3.45 | 46.7 | 18.6 | 94.8 | 20.6 | 191 | 41.7 |
| 15YJC-11-15 | 74.5 | 6.03 | 512 | 0.47 | 6153 | 0.21 | 13.6 | 66.3 | 81.9 | 0.03 | 11.0 | 0.18 | 2.55 | 3.49 | 1.69 | 14.2 | 4.04 | 47.1 | 17.1 | 79.3 | 16.8 | 156 | 34.9 |
| 15YJC-11-16 | 54.8 | 3.90 | 169 | 0.20 | 5917 | 0.08 | 5.36 | 16.8 | 28.5 | 0.01 | 3.54 | 0.02 | 0.40 | 0.81 | 0.41 | 3.71 | 1.14 | 14.2 | 5.25 | 26.5 | 6.07 | 61.2 | 14.1 |
| 15YJC-11-17 | 138 | 6.06 | 450 | 1.02 | 4711 | 0.35 | 1.54 | 41.9 | 46.9 | 1.57 | 14.4 | 0.55 | 2.65 | 1.99 | 0.77 | 8.1 | 2.75 | 34.0 | 13.9 | 71.9 | 16.4 | 157 | 35.9 |
| 15YJC-11-18 | 101 | 7.33 | 887 | 1.39 | 6201 | 0.48 | 29.5 | 97.8 | 69.7 | 0.02 | 18.7 | 0.16 | 2.99 | 5.37 | 1.66 | 23.4 | 7.05 | 86.9 | 30.1 | 136 | 26.9 | 234 | 46.8 |
| 15YJC-11-19 | 352 | 11.0 | 1654 | 1.76 | 6084 | 0.87 | 92.8 | 257 | 325 | 1.57 | 7.30 | 0.80 | 6.28 | 8.15 | 0.34 | 35.6 | 12.5 | 157 | 58.0 | 264 | 52.9 | 438 | 85.7 |
| 15YJC-11-20 | 112 | 6.54 | 774 | 1.74 | 5674 | 0.46 | 17.9 | 71.8 | 109 | 0.02 | 16.4 | 0.06 | 1.14 | 2.00 | 0.91 | 12.7 | 4.33 | 59.8 | 24.1 | 120 | 27.0 | 254 | 55.7 |
| 15YJC-9-1 | 60.9 | 7.96 | 152 | 0.14 | 5678 | 0.06 | 2.25 | 7.5 | 13.0 | 0.00 | 2.66 | 0.00 | 0.35 | 0.50 | 0.26 | 3.75 | 1.08 | 14.1 | 5.02 | 23.6 | 4.82 | 43.9 | 9.04 |
| 15YJC-9-2 | 241 | 9.31 | 936 | 1.04 | 6820 | 0.60 | 12.4 | 128 | 256 | 0.01 | 2.30 | 0.15 | 2.68 | 4.79 | 0.25 | 23.8 | 7.61 | 90.9 | 33.3 | 147 | 29.3 | 249 | 48.3 |
| 15YJC-9-3 | 132 | 8.93 | 264 | 0.79 | 6451 | 0.25 | 15.7 | 26.8 | 35.1 | 1.05 | 14.8 | 0.56 | 3.01 | 1.97 | 0.25 | 7.03 | 1.93 | 22.9 | 8.09 | 38.1 | 8.26 | 72.9 | 15.0 |
| 15YJC-9-4 | 76.9 | 3.05 | 629 | 1.20 | 5572 | 0.35 | 75.8 | 206 | 146 | 0.08 | 37.1 | 0.49 | 6.67 | 6.94 | 1.67 | 23.1 | 5.86 | 62.6 | 20.9 | 94.4 | 19.0 | 166 | 33.7 |
| 15YJC-9-5 | 266 | 6.95 | 1121 | 0.54 | 5706 | 0.11 | 17.5 | 215 | 152 | 0.11 | 22.8 | 0.45 | 4.20 | 5.67 | 1.46 | 24.2 | 7.69 | 94.2 | 35.7 | 180 | 41.7 | 365 | 82.7 |
| 15YJC-9-6 | 85.1 | 5.80 | 260 | 10.5 | 9786 | 4.64 | 108 | 20.9 | 128 | 0.00 | 22.7 | 0.03 | 0.93 | 3.99 | 0.63 | 20.4 | 4.95 | 39.4 | 9.52 | 33.0 | 5.90 | 52.0 | 10.2 |
| 15YJC-9-7 | 103 | 3.91 | 1146 | 2.12 | 6077 | 0.93 | 48.3 | 571 | 1096 | 0.14 | 13.2 | 0.54 | 7.18 | 8.47 | 1.67 | 31.7 | 8.93 | 101 | 34.9 | 167 | 35.6 | 334 | 70.4 |
| 15YJC-9-8 | 83.3 | 4.04 | 870 | 4.99 | 7395 | 1.91 | 14.7 | 160 | 377 | 0.01 | 9.30 | 0.07 | 1.45 | 3.31 | 0.08 | 19.4 | 6.40 | 81.8 | 30.4 | 139 | 27.4 | 231 | 43.5 |
| 15YJC-9-9 | 76.2 | 1.89 | 638 | 5.36 | 6802 | 1.88 | 18.2 | 194 | 428 | 0.24 | 9.13 | 0.08 | 0.83 | 1.58 | 0.12 | 10.2 | 3.76 | 51.4 | 20.7 | 104 | 22.9 | 209 | 44.3 |
| 15YJC-9-10 | 79.0 | 4.18 | 862 | 0.98 | 5352 | 0.34 | 9.17 | 180 | 128 | 0.06 | 18.9 | 0.32 | 4.24 | 5.86 | 2.24 | 22.9 | 6.75 | 79.5 | 28.0 | 132 | 28.2 | 259 | 54.6 |
| 15YJC-9-11 | 681 | 3.93 | 761 | 0.60 | 7069 | 0.25 | 9.42 | 94.6 | 153 | 6.00 | 28.9 | 2.18 | 11.6 | 5.11 | 1.18 | 17.4 | 5.29 | 65.9 | 24.6 | 122 | 27.1 | 254 | 56.9 |
| 15YJC-9-12 | 64.4 | 5.40 | 1205 | 2.14 | 4944 | 0.68 | 3.09 | 108 | 103 | 0.23 | 12.0 | 0.53 | 8.26 | 10.3 | 0.22 | 43.5 | 11.9 | 134 | 45.3 | 187 | 35.2 | 279 | 53.7 |
| 15YJC-9-13 | 112 | 5.21 | 738 | 0.65 | 5576 | 0.31 | 7.20 | 78.9 | 136 | 0.18 | 8.88 | 0.15 | 1.99 | 3.21 | 0.98 | 16.6 | 5.26 | 66.1 | 24.5 | 119 | 24.9 | 224 | 45.9 |
| 15YJC-9-14 | 292 | 29.1 | 1299 | 1.30 | 6856 | 0.58 | 35.6 | 123 | 242 | 0.03 | 2.29 | 0.10 | 2.05 | 4.59 | 0.14 | 27.0 | 9.12 | 119 | 44.6 | 206 | 41.9 | 351 | 69.2 |
| 15YJC-9-15 | 98.6 | 3.17 | 1004 | 4.28 | 5882 | 1.02 | 17.1 | 190 | 319 | 0.11 | 10.3 | 0.33 | 3.51 | 5.26 | 0.73 | 24.6 | 7.94 | 97.1 | 35.0 | 160 | 31.5 | 267 | 52.7 |
| 15YJC-9-16 | 202 | 8.67 | 2008 | 5.07 | 6079 | 1.18 | 21.9 | 368 | 373 | 0.09 | 22.8 | 0.16 | 2.15 | 5.86 | 1.55 | 38.2 | 13.2 | 175 | 68.3 | 325 | 66.1 | 576 | 116 |
| 15YJC-9-17 | 130 | 8.36 | 1395 | 2.33 | 5480 | 0.69 | 15.6 | 237 | 287 | 0.02 | 10.8 | 0.14 | 2.16 | 4.75 | 1.21 | 26.3 | 9.26 | 122 | 47.9 | 229 | 47.9 | 422 | 86.8 |
| 15YJC-9-18 | 51.8 | 8.22 | 247 | 0.17 | 5889 | 0.07 | 3.23 | 13.1 | 19.6 | 0.02 | 3.80 | 0.04 | 0.90 | 1.70 | 0.55 | 7.19 | 2.06 | 24.1 | 8.29 | 36.7 | 7.52 | 66.5 | 13.5 |
| 15YJC-9-19 | 56.8 | 7.33 | 143 | 0.20 | 6071 | 0.09 | 3.27 | 9.8 | 19.7 | 0.00 | 3.34 | 0.01 | 0.19 | 0.57 | 0.23 | 2.89 | 0.93 | 12.0 | 4.59 | 22.1 | 4.78 | 43.5 | 9.25 |
| 15YJC-9-20 | 53.2 | 27.5 | 208 | 1.60 | 7421 | 0.85 | 77.2 | 87.2 | 196 | 0.04 | 14.3 | 0.07 | 0.92 | 1.24 | 0.27 | 4.37 | 1.44 | 16.9 | 6.29 | 31.5 | 7.52 | 74.2 | 16.3 |
| 15YJC-9-21 | 103 | 126 | 380 | 0.77 | 5413 | 0.24 | 1.96 | 16.4 | 34.2 | 0.05 | 1.67 | 0.05 | 0.61 | 1.21 | 0.22 | 7.65 | 2.60 | 33.8 | 12.7 | 60.6 | 12.3 | 110 | 22.7 |
| 15YJC-9-22 | 80.7 | 5.94 | 517 | 2.85 | 7437 | 1.27 | 60.1 | 127 | 181 | 0.01 | 8.17 | 0.04 | 0.80 | 1.83 | 0.10 | 9.84 | 3.55 | 46.3 | 17.7 | 84.1 | 17.6 | 152 | 30.0 |
| 15YJC-9-23 | 65.1 | 2.72 | 528 | 1.73 | 7712 | 0.63 | 7.83 | 524 | 1191 | 0.13 | 32.3 | 0.43 | 5.71 | 6.85 | 2.30 | 21.1 | 5.06 | 49.1 | 16.1 | 73.9 | 16.3 | 158 | 37.0 |
| 15YJC-9-24 | 25.0 | 3.49 | 153 | 0.70 | 6865 | 0.25 | 226 | 45.2 | 348 | 0.03 | 4.40 | 0.11 | 0.33 | 0.55 | 0.26 | 1.60 | 0.67 | 9.8 | 4.24 | 25.1 | 6.42 | 72.4 | 20.1 |
| 15YJC-9-25 | 260 | 8.07 | 594 | 0.82 | 8370 | 0.70 | 11.9 | 36.1 | 336 | 0.03 | 0.58 | 0.06 | 0.75 | 1.69 | 0.10 | 11.7 | 4.62 | 54.6 | 20.2 | 101 | 23.3 | 243 | 51.6 |
| 15YJC-9-26 | 103 | 3.30 | 670 | 1.58 | 7026 | 0.60 | 14.8 | 85.3 | 215 | 0.02 | 13.1 | 0.03 | 0.60 | 1.45 | 0.63 | 9.50 | 3.51 | 49.5 | 20.4 | 107 | 24.8 | 250 | 57.5 |
| 15YJC-9-27 | 46.9 | 4.94 | 238 | 0.22 | 6163 | 0.10 | 5.54 | 21.0 | 34.3 | 0.06 | 4.13 | 0.04 | 0.42 | 1.18 | 0.57 | 5.47 | 1.68 | 20.5 | 7.73 | 37.6 | 8.42 | 81.6 | 18.0 |
| 15YJC-9-28 | 63.5 | 9.68 | 524 | 0.20 | 5466 | 0.11 | 6.18 | 27.0 | 34.5 | 0.01 | 4.53 | 0.17 | 2.27 | 3.69 | 1.28 | 15.7 | 4.51 | 51.1 | 17.8 | 81.4 | 16.0 | 137 | 28.3 |
| 15YJC-9-29 | 487 | 142 | 1955 | 3.98 | 6491 | 1.67 | 27.9 | 802 | 625 | 25.4 | 289 | 24.7 | 117 | 67.2 | 29.0 | 99.9 | 26.8 | 255 | 70.1 | 288 | 58.7 | 502 | 89.8 |
| 15YJC-9-30 | 132 | 15.8 | 845 | 3.12 | 6997 | 1.10 | 19.1 | 278 | 182 | 3.32 | 56.3 | 7.88 | 53.6 | 24.7 | 4.41 | 37.4 | 9.20 | 90.4 | 29.4 | 130 | 26.3 | 225 | 43.8 |