表5.5 连云山岩体锆石LA-ICPMS U-Pb年龄

Table 5.5 LA-ICPMS zircon U–Pb isotopic dating of the Lianyunshan granite

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Th (ppm) | U (ppm) | 207Pb/206Pb | 1σ | 207Pb/235U | 1σ | 206Pb/238U | 1σ | 207Pb/206Pb age (Ma) | 1σ | 207Pb/235U age (Ma) | 1σ | 206Pb/238U age (Ma) | 1σ | Conco-  rdance |
| LLys02-1 | 148 | 270 | 0.0868 | 0.0028 | 1.7539 | 0.0637 | 0.1454 | 0.0046 | 1367 | 61 | 1029 | 23 | 875 | 26 | 83% |
| LLys02-2 | 130 | 484 | 0.0874 | 0.0026 | 2.1315 | 0.0642 | 0.1758 | 0.0047 | 1369 | 57 | 1159 | 21 | 1044 | 26 | 89% |
| LLys02-3 | 34.4 | 436 | 0.0622 | 0.0025 | 0.3402 | 0.0249 | 0.0370 | 0.0019 | 683 | 87 | 297 | 19 | 234 | 12 | 76% |
| LLys02-4 | 271 | 2013 | 0.0533 | 0.0016 | 0.2339 | 0.0085 | 0.0315 | 0.0010 | 343 | 69 | 213 | 7 | 200 | 6 | 93% |
| LLys02-5 | 162 | 3982 | 0.0552 | 0.0017 | 0.1864 | 0.0072 | 0.0241 | 0.0007 | 420 | 70 | 174 | 6 | 154 | 4 | 87% |
| LLys02-6 | 142 | 1260 | 0.0490 | 0.0015 | 0.1505 | 0.0049 | 0.0222 | 0.0006 | 146 | 71 | 142 | 4 | 142 | 4 | 99% |
| LLys02-7 | 145 | 270 | 0.0496 | 0.0023 | 0.1718 | 0.0123 | 0.0247 | 0.0012 | 176 | 107 | 161 | 11 | 157 | 8 | 97% |
| LLys02-8 | 879 | 2064 | 0.0547 | 0.0016 | 0.2672 | 0.0136 | 0.0347 | 0.0015 | 398 | 67 | 240 | 11 | 220 | 9 | 91% |
| LLys02-9 | 363 | 525 | 0.0657 | 0.0019 | 1.1488 | 0.0369 | 0.1262 | 0.0036 | 798 | 56 | 777 | 17 | 766 | 21 | 98% |
| LLys02-10 | 134 | 801 | 0.0495 | 0.0018 | 0.1612 | 0.0057 | 0.0236 | 0.0006 | 172 | 85 | 152 | 5 | 151 | 4 | 99% |
| LLys02-11 | 148 | 715 | 0.0612 | 0.0020 | 0.5031 | 0.0327 | 0.0576 | 0.0034 | 656 | 72 | 414 | 22 | 361 | 21 | 86% |
| LLys02-12 | 356 | 513 | 0.0672 | 0.0020 | 1.2421 | 0.0378 | 0.1337 | 0.0036 | 856 | 61 | 820 | 17 | 809 | 21 | 98% |
| LLys02-13 | 186 | 3323 | 0.0543 | 0.0019 | 0.2477 | 0.0150 | 0.0328 | 0.0018 | 383 | 78 | 225 | 12 | 208 | 11 | 92% |
| LLys02-14 | 196 | 2950 | 0.0544 | 0.0016 | 0.2627 | 0.0125 | 0.0346 | 0.0015 | 391 | 67 | 237 | 10 | 219 | 9 | 92% |
| LLys02-15 | 277 | 745 | 0.0651 | 0.0020 | 0.5418 | 0.0289 | 0.0596 | 0.0029 | 789 | 60 | 440 | 19 | 373 | 18 | 83% |
| LLys02-16 | 703 | 5385 | 0.0526 | 0.0016 | 0.1392 | 0.0042 | 0.0191 | 0.0005 | 322 | 73 | 132 | 4 | 122 | 3 | 92% |
| LLys02-17 | 284 | 476 | 0.0988 | 0.0029 | 2.2405 | 0.0748 | 0.1639 | 0.0050 | 1602 | 55 | 1194 | 23 | 978 | 28 | 80% |
| LLys02-18 | 135 | 265 | 0.1864 | 0.0057 | 9.8582 | 0.5639 | 0.3701 | 0.0201 | 2711 | 51 | 2422 | 53 | 2030 | 94 | 82% |
| LLys02-19 | 780 | 4524 | 0.0659 | 0.0019 | 0.4980 | 0.0158 | 0.0546 | 0.0016 | 1200 | 59 | 410 | 11 | 343 | 10 | 82% |
| LLys02-20 | 169 | 439 | 0.0728 | 0.0022 | 1.2440 | 0.0403 | 0.1236 | 0.0036 | 1009 | 94 | 821 | 18 | 751 | 20 | 91% |
| LLys02-21 | 38.5 | 3534 | 0.0503 | 0.0015 | 0.1611 | 0.0051 | 0.0231 | 0.0006 | 209 | 70 | 152 | 4 | 148 | 4 | 97% |
| LLys02-22 | 613 | 745 | 0.0800 | 0.0024 | 1.1770 | 0.0412 | 0.1061 | 0.0033 | 1198 | 55 | 790 | 19 | 650 | 19 | 80% |
| LLys02-23 | 213 | 3210 | 0.0495 | 0.0015 | 0.1412 | 0.0045 | 0.0206 | 0.0006 | 172 | 72 | 134 | 4 | 132 | 4 | 98% |
| LLys02-24 | 96.8 | 484 | 0.0644 | 0.0024 | 0.3743 | 0.0182 | 0.0413 | 0.0015 | 767 | 78 | 323 | 13 | 261 | 9 | 78% |
| LLys02-25 | 146 | 5006 | 0.0512 | 0.0017 | 0.1435 | 0.0048 | 0.0202 | 0.0006 | 256 | 76 | 136 | 4 | 129 | 3 | 94% |
| LLys02-26 | 170 | 4941 | 0.0495 | 0.0018 | 0.1577 | 0.0060 | 0.0229 | 0.0006 | 172 | 87 | 149 | 5 | 146 | 4 | 98% |
| LLys02-27 | 283 | 2848 | 0.0561 | 0.0028 | 0.1754 | 0.0110 | 0.0227 | 0.0007 | 457 | 111 | 164 | 9 | 145 | 4 | 87% |
| LLys02-28 | 141 | 5804 | 0.0510 | 0.0016 | 0.1605 | 0.0049 | 0.0227 | 0.0006 | 239 | 70 | 151 | 4 | 145 | 4 | 95% |
| LLys02-29 | 306 | 394 | 0.0452 | 0.0021 | 0.1382 | 0.0066 | 0.0221 | 0.0007 | 256 |  | 131 | 6 | 141 | 4 | 92% |
| LLys02-30 | 220 | 839 | 0.0623 | 0.0019 | 0.6372 | 0.0383 | 0.0724 | 0.0040 | 683 | 67 | 501 | 24 | 450 | 24 | 89% |
| LLys02-31 | 149 | 1618 | 0.0564 | 0.0019 | 0.2289 | 0.0103 | 0.0289 | 0.0009 | 465 | 74 | 209 | 9 | 184 | 6 | 86% |
| LLys02-32 | 767 | 1556 | 0.0850 | 0.0035 | 1.1425 | 0.0918 | 0.0862 | 0.0060 | 1317 | 80 | 774 | 44 | 533 | 36 | 63% |
| LLys02-33 | 172 | 4972 | 0.0518 | 0.0017 | 0.1482 | 0.0046 | 0.0209 | 0.0006 | 276 | 76 | 140 | 4 | 133 | 4 | 94% |
| LLys02-34 | 74.8 | 662 | 0.0669 | 0.0020 | 0.4946 | 0.0158 | 0.0536 | 0.0016 | 835 | 62 | 408 | 11 | 336 | 10 | 80% |
| LLys02-35 | 183 | 4059 | 0.0517 | 0.0015 | 0.1489 | 0.0044 | 0.0208 | 0.0005 | 276 | 67 | 141 | 4 | 133 | 3 | 94% |
| LLys02-36 | 149 | 3489 | 0.0513 | 0.0016 | 0.1630 | 0.0055 | 0.0230 | 0.0007 | 254 | 66 | 153 | 5 | 147 | 4 | 95% |
| LLys02-37 | 149 | 3717 | 0.0505 | 0.0015 | 0.1540 | 0.0048 | 0.0221 | 0.0006 | 217 | 69 | 145 | 4 | 141 | 4 | 96% |
| LLys02-38 | 122 | 500 | 0.0489 | 0.0019 | 0.1546 | 0.0058 | 0.0230 | 0.0006 | 143 | 91 | 146 | 5 | 147 | 4 | 99% |
| LLys02-39 | 110 | 283 | 0.0480 | 0.0022 | 0.1499 | 0.0070 | 0.0227 | 0.0006 | 102 | 104 | 142 | 6 | 144 | 4 | 98% |
| LLys02-40 | 69.7 | 3307 | 0.0595 | 0.0021 | 0.2656 | 0.0148 | 0.0311 | 0.0013 | 583 | 76 | 239 | 12 | 198 | 8 | 80% |
| LLys02-41 | 133 | 794 | 0.0572 | 0.0021 | 0.3383 | 0.0237 | 0.0408 | 0.0024 | 502 | 84 | 296 | 18 | 258 | 15 | 86% |
| LLys02-42 | 104 | 3345 | 0.0489 | 0.0015 | 0.1512 | 0.0049 | 0.0224 | 0.0006 | 143 | 66 | 143 | 4 | 143 | 4 | 99% |
| LLys02-43 | 151 | 693 | 0.0800 | 0.0023 | 2.4239 | 0.0957 | 0.2179 | 0.0077 | 1196 | 56 | 1250 | 28 | 1271 | 41 | 98% |
| LLys02-44 | 133 | 410 | 0.0677 | 0.0020 | 1.2755 | 0.0406 | 0.1362 | 0.0039 | 861 | 61 | 835 | 18 | 823 | 22 | 98% |
| LLys02-45 | 323 | 1377 | 0.0661 | 0.0019 | 1.2944 | 0.0631 | 0.1393 | 0.0064 | 811 | 61 | 843 | 28 | 841 | 36 | 99% |
| LLys02-46 | 777 | 2403 | 0.0511 | 0.0016 | 0.1642 | 0.0053 | 0.0232 | 0.0007 | 256 | 70 | 154 | 5 | 148 | 4 | 95% |
| LLys02-47 | 189 | 3790 | 0.0502 | 0.0015 | 0.1645 | 0.0054 | 0.0236 | 0.0007 | 211 | 101 | 155 | 5 | 150 | 4 | 97% |
| LLys02-48 | 1117 | 1451 | 0.0680 | 0.0020 | 1.0508 | 0.0355 | 0.1110 | 0.0035 | 878 | 61 | 729 | 18 | 678 | 20 | 92% |
| LLys02-49 | 3674 | 3446 | 0.0517 | 0.0016 | 0.1736 | 0.0056 | 0.0241 | 0.0007 | 333 | 70 | 163 | 5 | 153 | 4 | 94% |
| LLys02-50 | 70.5 | 261 | 0.1157 | 0.0038 | 3.6170 | 0.1444 | 0.2238 | 0.0079 | 1890 | 58 | 1553 | 32 | 1302 | 42 | 82% |
| LLys02-51 | 43.1 | 48.0 | 0.0705 | 0.0030 | 1.3386 | 0.0616 | 0.1361 | 0.0043 | 944 | 89 | 863 | 27 | 822 | 24 | 95% |
| LLys02-52 | 187 | 570 | 0.1044 | 0.0033 | 3.5604 | 0.1997 | 0.2394 | 0.0123 | 1703 | 58 | 1541 | 44 | 1383 | 64 | 89% |
| LLys02-53 | 814 | 3758 | 0.0510 | 0.0015 | 0.1555 | 0.0047 | 0.0219 | 0.0006 | 243 | 70 | 147 | 4 | 140 | 4 | 95% |
| LLys02-54 | 160 | 990 | 0.0782 | 0.0026 | 1.0146 | 0.0851 | 0.0878 | 0.0065 | 1154 | 67 | 711 | 43 | 543 | 38 | 73% |
| LLys02-55 | 151 | 824 | 0.0516 | 0.0018 | 0.1918 | 0.0091 | 0.0265 | 0.0010 | 333 | 80 | 178 | 8 | 169 | 6 | 94% |
| LLys02-56 | 38.9 | 253 | 0.0527 | 0.0022 | 0.2180 | 0.0151 | 0.0292 | 0.0016 | 317 | 96 | 200 | 13 | 186 | 10 | 92% |
| LLys02-57 | 1341 | 3220 | 0.0504 | 0.0015 | 0.1507 | 0.0047 | 0.0217 | 0.0006 | 213 | 69 | 143 | 4 | 139 | 4 | 97% |
| LLys02-58 | 162 | 501 | 0.0642 | 0.0019 | 0.8111 | 0.0347 | 0.0909 | 0.0033 | 746 | 65 | 603 | 19 | 561 | 20 | 92% |
| LLys02-59 | 1031 | 2495 | 0.0553 | 0.0029 | 0.1662 | 0.0115 | 0.0217 | 0.0010 | 433 | 119 | 156 | 10 | 138 | 6 | 87% |
| LLys02-60 | 248 | 433 | 0.0470 | 0.0020 | 0.1364 | 0.0063 | 0.0210 | 0.0006 | 55.7 | 90.7 | 130 | 6 | 134 | 4 | 96% |
| LLys02-61 | 1118 | 763 | 0.0667 | 0.0020 | 0.9327 | 0.0283 | 0.1015 | 0.0028 | 828 | 61 | 669 | 15 | 623 | 16 | 92% |
| LLys02-62 | 398 | 3913 | 0.0688 | 0.0021 | 0.3060 | 0.0122 | 0.0318 | 0.0010 | 900 | 63 | 271 | 9 | 202 | 6 | 70% |
| LLys02-63 | 67.1 | 173 | 0.0722 | 0.0025 | 1.2248 | 0.0698 | 0.1205 | 0.0059 | 992 | 70 | 812 | 32 | 734 | 34 | 89% |
| LLys02-64 | 438 | 3318 | 0.0508 | 0.0015 | 0.1570 | 0.0051 | 0.0224 | 0.0006 | 232 | 66 | 148 | 4 | 143 | 4 | 96% |
| LLys02-65 | 2202 | 3470 | 0.0553 | 0.0030 | 0.1732 | 0.0143 | 0.0227 | 0.0014 | 433 | 119 | 162 | 12 | 145 | 9 | 88% |
| LLys02-66 | 40.7 | 738 | 0.0498 | 0.0017 | 0.1550 | 0.0058 | 0.0225 | 0.0007 | 183 | 81 | 146 | 5 | 144 | 4 | 98% |
| LLys02-67 | 372 | 3560 | 0.0742 | 0.0067 | 1.5769 | 0.9725 | 0.2272 | 0.1213 | 1048 | 183 | 961 | 403 | 1320 | 639 | 68% |
| LLys02-68 | 75.3 | 1791 | 0.0501 | 0.0016 | 0.2354 | 0.0112 | 0.0341 | 0.0015 | 198 | 76 | 215 | 9 | 216 | 9 | 99% |
| LLys02-69 | 121 | 616 | 0.0502 | 0.0021 | 0.1847 | 0.0079 | 0.0266 | 0.0007 | 211 | 96 | 172 | 7 | 169 | 5 | 98% |
| LLys02-70 | 651 | 1527 | 0.0852 | 0.0027 | 1.4789 | 0.0616 | 0.1242 | 0.0044 | 1320 | 62 | 922 | 25 | 755 | 25 | 80% |
| LLys02-71 | 160 | 217 | 0.0885 | 0.0028 | 2.7854 | 0.0904 | 0.2273 | 0.0062 | 1394 | 61 | 1352 | 24 | 1320 | 32 | 97% |
| LLys02-72 | 305 | 844 | 0.0486 | 0.0018 | 0.1832 | 0.0069 | 0.0273 | 0.0008 | 128 | 83 | 171 | 6 | 174 | 5 | 98% |
| LLys02-73 | 348 | 1752 | 0.0573 | 0.0018 | 0.3789 | 0.0186 | 0.0468 | 0.0020 | 506 | 70 | 326 | 14 | 295 | 12 | 89% |
| LLys02-74 | 87.9 | 585 | 0.1437 | 0.0048 | 3.2633 | 0.2364 | 0.1554 | 0.0100 | 2273 | 58 | 1472 | 56 | 931 | 56 | 54% |
| LLys02-75 | 271 | 402 | 0.0656 | 0.0021 | 1.1377 | 0.0378 | 0.1252 | 0.0035 | 794 | 67 | 771 | 18 | 761 | 20 | 98% |
| LLys02-76 | 92.9 | 132 | 0.0696 | 0.0024 | 1.1485 | 0.0400 | 0.1198 | 0.0035 | 917 | 64 | 777 | 19 | 730 | 20 | 93% |
| LLys02-77 | 126 | 2005 | 0.0490 | 0.0015 | 0.1518 | 0.0049 | 0.0224 | 0.0006 | 150 | 74 | 144 | 4 | 143 | 4 | 99% |
| LLys02-78 | 133 | 1982 | 0.0524 | 0.0017 | 0.1588 | 0.0056 | 0.0219 | 0.0006 | 302 | 71 | 150 | 5 | 140 | 4 | 93% |
| LLys02-79 | 650 | 5373 | 0.0488 | 0.0014 | 0.1519 | 0.0048 | 0.0226 | 0.0007 | 200 | 67 | 144 | 4 | 144 | 4 | 99% |
| LLys02-80 | 95.0 | 91.8 | 0.0996 | 0.0029 | 3.4600 | 0.1340 | 0.2508 | 0.0087 | 1617 | 56 | 1518 | 31 | 1443 | 45 | 94% |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | *w*B/10–6 | | | | Th/U | | 同位素比值 | | | | | |  | 年龄/Ma | | | | | |  |
| 测试点 | Th | | U | | 207Pb/206Pb | 1σ/% | 207Pb/235U | 1σ/% | 206Pb/238U | 1σ/% |  | 207Pb/206Pb | 1σ | 207Pb/235U | 1σ | 206Pb/238U | 1σ | 协和度/% |
| LLYS01-05 | 88.1 | | 778 | | 0.11 | |  |  |  |  |  |  |  | 132 | 52 | 139 | 3 | 140 | 2 | 99 |
| LLYS01-06 | 116 | | 940 | | 0.12 | | 0.0504 | 0.0009 | 0.1492 | 0.0028 | 0.0215 | 0.0002 |  | 213 | 41 | 141 | 3 | 137 | 2 | 97 |
| LLYS01-16 | 219 | | 3519 | | 0.06 | | 0.0483 | 0.0012 | 0.1463 | 0.0040 | 0.0218 | 0.0003 |  | 122 | 57 | 139 | 4 | 139 | 2 | 99 |
| LLYS01-32 | 147 | | 3296 | | 0.04 | | 0.0495 | 0.0009 | 0.1391 | 0.0027 | 0.0202 | 0.0002 |  | 172 | 44 | 132 | 2 | 129 | 1 | 97 |
| LLYS01-01 | 558 | | 1791 | | 0.31 | | 0.0489 | 0.0008 | 0.1522 | 0.0034 | 0.0225 | 0.0004 |  | 143 | 44 | 144 | 3 | 144 | 2 | 99 |
| LLYS01-03 | 506 | | 2460 | | 0.21 | | 0.0485 | 0.0007 | 0.1542 | 0.0024 | 0.0231 | 0.0003 |  | 124 | 33 | 146 | 2 | 147 | 2 | 97 |
| LLYS01-04 | 57.6 | | 8356 | | 0.01 | | 0.0515 | 0.0005 | 0.1669 | 0.0028 | 0.0235 | 0.0003 |  | 265 | 22 | 157 | 2 | 150 | 2 | 99 |
| LLYS01-09 | 266 | | 4534 | | 0.06 | | 0.0487 | 0.0008 | 0.1568 | 0.0034 | 0.0233 | 0.0004 |  | 132 | 36 | 148 | 3 | 148 | 2 | 99 |
| LLYS01-12 | 179 | | 336 | | 0.53 | | 0.0469 | 0.0015 | 0.1469 | 0.0051 | 0.0226 | 0.0004 |  | 55.7 | 68.5 | 139 | 5 | 144 | 2 | 98 |
| LLYS01-19 | 169 | | 479 | | 0.35 | | 0.0473 | 0.0017 | 0.1460 | 0.0054 | 0.0223 | 0.0003 |  | 65 | 81 | 138 | 5 | 142 | 2 | 95 |
| LLYS01-20 | 97.3 | | 668 | | 0.15 | | 0.0480 | 0.0013 | 0.1491 | 0.0041 | 0.0224 | 0.0003 |  | 102 | 61 | 141 | 4 | 143 | 2 | 96 |
| LLYS01-21 | 40.7 | | 3439 | | 0.01 | | 0.0500 | 0.0009 | 0.1595 | 0.0046 | 0.0230 | 0.0005 |  | 195 | 43 | 150 | 4 | 147 | 3 | 99 |
| LLYS01-22 | 78.9 | | 3856 | | 0.02 | | 0.0523 | 0.0009 | 0.1690 | 0.0031 | 0.0233 | 0.0003 |  | 298 | 42 | 159 | 3 | 149 | 2 | 99 |
| LLYS01-24 | 73.1 | | 132 | | 0.56 | | 0.0511 | 0.0024 | 0.1587 | 0.0073 | 0.0227 | 0.0004 |  | 243 | 107 | 150 | 6 | 145 | 2 | 99 |
| LLYS01-25 | 65.6 | | 1166 | | 0.06 | | 0.0493 | 0.0012 | 0.1549 | 0.0043 | 0.0228 | 0.0004 |  | 167 | 57 | 146 | 4 | 145 | 2 | 93 |
| LLYS01-26 | 136 | | 4038 | | 0.03 | | 0.0535 | 0.0009 | 0.1664 | 0.0029 | 0.0225 | 0.0002 |  | 350 | 41 | 156 | 3 | 143 | 1 | 93 |
| LLYS01-34 | 236 | | 3468 | | 0.07 | | 0.0480 | 0.0009 | 0.1517 | 0.0032 | 0.0227 | 0.0003 |  | 102 | 44 | 143 | 3 | 145 | 2 | 97 |
| LLYS01-37 | 148 | | 302 | | 0.49 | | 0.0491 | 0.0016 | 0.1517 | 0.0047 | 0.0224 | 0.0003 |  | 154 | 76 | 143 | 4 | 143 | 2 | 98 |
| LLYS01-38 | 228 | | 1801 | | 0.13 | | 0.0482 | 0.0011 | 0.1566 | 0.0048 | 0.0234 | 0.0004 |  | 109.4 | 53.7 | 148 | 4 | 149 | 3 | 98 |
| LLYS01-41 | 201 | | 1740 | | 0.12 | | 0.0502 | 0.0009 | 0.1614 | 0.0034 | 0.0232 | 0.0003 |  | 206 | 45 | 152 | 3 | 148 | 2 | 98 |
| LLYS01-46 | 224 | | 3409 | | 0.07 | | 0.0526 | 0.0012 | 0.1613 | 0.0031 | 0.0224 | 0.0003 |  | 309 | 53 | 152 | 3 | 143 | 2 | 97 |
| LLYS01-48 | 47.2 | | 1721 | | 0.03 | | 0.0492 | 0.0011 | 0.1505 | 0.0036 | 0.0221 | 0.0003 |  | 154 | 50 | 142 | 3 | 141 | 2 | 99 |
| LLYS01-49 | 183 | | 3601 | | 0.05 | | 0.0539 | 0.0010 | 0.1683 | 0.0037 | 0.0225 | 0.0002 |  | 365 | 43 | 158 | 3 | 143 | 1 | 96 |
| LLYS01-55 | 224 | | 3492 | | 0.06 | | 0.0524 | 0.0009 | 0.1686 | 0.0027 | 0.0235 | 0.0003 |  | 302 | 41 | 158 | 2 | 150 | 2 | 94 |
| LLYS01-58 | 143 | | 1624 | | 0.09 | | 0.0520 | 0.0015 | 0.1655 | 0.0056 | 0.0230 | 0.0003 |  | 283 | 67 | 155 | 5 | 146 | 2 | 99 |
| LLYS01-65 | 135 | | 2792 | | 0.05 | | 0.0491 | 0.0010 | 0.1573 | 0.0043 | 0.0232 | 0.0005 |  | 154 | 53 | 148 | 4 | 148 | 3 | 97 |
| LLYS01-67 | 167 | | 3472 | | 0.05 | | 0.0480 | 0.0009 | 0.1487 | 0.0031 | 0.0224 | 0.0003 |  | 98 | 44 | 141 | 3 | 143 | 2 | 97 |
| LLYS01-68 | 177 | | 778 | | 0.23 | | 0.0487 | 0.0011 | 0.1579 | 0.0044 | 0.0234 | 0.0004 |  | 200 | 54 | 149 | 4 | 149 | 2 | 96 |
| LLYS01-71 | 964 | | 4509 | | 0.21 | | 0.0504 | 0.0008 | 0.1588 | 0.0028 | 0.0228 | 0.0003 |  | 213 | 33 | 150 | 2 | 145 | 2 | 90 |
| LLYS01-73 | 108 | | 346 | | 0.31 | | 0.0479 | 0.0016 | 0.1483 | 0.0052 | 0.0224 | 0.0003 |  | 100.1 | 77.8 | 140 | 5 | 143 | 2 | 99 |
| LLYS01-74 | 199 | | 439 | | 0.45 | | 0.0483 | 0.0016 | 0.1527 | 0.0051 | 0.0229 | 0.0003 |  | 122 | 80 | 144 | 5 | 146 | 2 | 94 |
| LLYS01-76 | 73.3 | | 2526 | | 0.03 | | 0.0500 | 0.0010 | 0.1630 | 0.0043 | 0.0234 | 0.0004 |  | 195 | 50 | 153 | 4 | 149 | 2 | 96 |
| LLYS01-77 | 252 | | 1152 | | 0.22 | | 0.0474 | 0.0010 | 0.1477 | 0.0033 | 0.0225 | 0.0003 |  | 77.9 | 50.0 | 140 | 3 | 143 | 2 | 97 |
| LLYS01-78 | 82.8 | | 3159 | | 0.03 | | 0.0492 | 0.0009 | 0.1583 | 0.0032 | 0.0232 | 0.0003 |  | 167 | 38 | 149 | 3 | 148 | 2 | 97 |
| LLYS01-83 | 241 | | 1214 | | 0.20 | | 0.0492 | 0.0010 | 0.1512 | 0.0028 | 0.0223 | 0.0002 |  | 167 | 44 | 143 | 2 | 142 | 1 | 99 |
| LLYS01-85 | 82.8 | | 666 | | 0.12 | | 0.0471 | 0.0015 | 0.1492 | 0.0047 | 0.0230 | 0.0003 |  | 57.5 | 70.4 | 141 | 4 | 147 | 2 | 98 |
| LLYS01-87 | 192 | | 1370 | | 0.14 | | 0.0479 | 0.0010 | 0.1497 | 0.0035 | 0.0226 | 0.0003 |  | 94.5 | 43.5 | 142 | 3 | 144 | 2 | 91 |
| LLYS01-88 | 301 | | 4466 | | 0.07 | | 0.0502 | 0.0008 | 0.1636 | 0.0036 | 0.0234 | 0.0003 |  | 206 | 37 | 154 | 3 | 149 | 2 | 95 |
| LLYS01-92 | 153 | | 6204 | | 0.02 | | 0.0512 | 0.0010 | 0.1648 | 0.0033 | 0.0232 | 0.0003 |  | 256 | 44 | 155 | 3 | 148 | 2 | 98 |
| LLYS01-94 | 823 | | 2428 | | 0.34 | | 0.0480 | 0.0010 | 0.1521 | 0.0031 | 0.0227 | 0.0003 |  | 102 | 46 | 144 | 3 | 145 | 2 | 99 |
| LLYS01-96 | 4874 | | 1894 | | 2.57 | | 0.0509 | 0.0012 | 0.1585 | 0.0041 | 0.0223 | 0.0003 |  | 239 | 56 | 149 | 4 | 142 | 2 | 99 |
| LLYS01-98 | 1162 | | 3738 | | 0.31 | | 0.0506 | 0.0009 | 0.1665 | 0.0042 | 0.0235 | 0.0003 |  | 233 | 38 | 156 | 4 | 150 | 2 | 95 |
| LLYS01-100 | | 95.6 | | 2917 | | 0.03 | 0.0499 | 0.0009 | 0.1581 | 0.0032 | 0.0229 | 0.0002 |  | 187 | 44 | 149 | 3 | 146 | 2 | 94 |
| LLYS01-15 | 235 | | 1996 | | 0.118 | | 0.0484 | 0.0012 | 0.1871 | 0.0120 | 0.0270 | 0.0012 |  | 120 | 64 | 174 | 10 | 172 | 8 | 98 |
| LLYS01-31 | 201 | | 127 | | 1.588 | | 0.0513 | 0.0026 | 0.1719 | 0.0086 | 0.0245 | 0.0006 |  | 254 | 82 | 161 | 7 | 156 | 4 | 96 |
| LLYS01-56 | 98.6 | | 2128 | | 0.046 | | 0.0533 | 0.0008 | 0.2346 | 0.0082 | 0.0317 | 0.0009 |  | 339 | 37 | 214 | 7 | 201 | 6 | 93 |
| LLYS01-70 | 62.2 | | 14847 | | 0.004 | | 0.0486 | 0.0007 | 0.1604 | 0.0029 | 0.0239 | 0.0003 |  | 132 | 31 | 151 | 3 | 152 | 2 | 99 |
| LLYS01-97 | 275 | | 2590 | | 0.106 | | 0.0518 | 0.0011 | 0.2057 | 0.0054 | 0.0286 | 0.0006 |  | 276 | 48 | 190 | 5 | 182 | 4 | 95 |
| LLYS01-99 | 81.7 | | 1381 | | 0.059 | | 0.0519 | 0.0010 | 0.2343 | 0.0056 | 0.0325 | 0.0005 |  | 283 | 44 | 214 | 5 | 206 | 3 | 96 |
| LLYS01-35 | 70.4 | | 1089 | | 0.065 | | 0.0553 | 0.0014 | 0.3239 | 0.0149 | 0.0413 | 0.0015 |  | 433 | 57 | 285 | 11 | 261 | 9 | 91 |
| LLYS01-63 | 265 | | 1468 | | 0.181 | | 0.0573 | 0.0011 | 0.3994 | 0.0185 | 0.0494 | 0.0019 |  | 506 | 43 | 341 | 13 | 311 | 12 | 90 |
| LLYS01-07 | 582 | | 1276 | | 0.456 | | 0.0730 | 0.0017 | 1.3871 | 0.0305 | 0.1383 | 0.0016 |  | 1014 | 48 | 883 | 13 | 835 | 9 | 94 |
| LLYS01-08 | 286 | | 1193 | | 0.24 | | 0.0629 | 0.0010 | 0.7837 | 0.0434 | 0.0872 | 0.0044 |  | 706 | 36 | 588 | 25 | 539 | 26 | 91 |
| LLYS01-11 | 235 | | 277 | | 0.849 | | 0.0659 | 0.0015 | 1.2338 | 0.0321 | 0.1347 | 0.0021 |  | 1200 | 42 | 816 | 15 | 815 | 12 | 99 |
| LLYS01-27 | 130 | | 155 | | 0.84 | | 0.0678 | 0.0015 | 1.0055 | 0.0307 | 0.1074 | 0.0026 |  | 861 | 46 | 707 | 16 | 658 | 15 | 92 |
| LLYS01-36 | 288 | | 476 | | 0.604 | | 0.0655 | 0.0014 | 1.2721 | 0.0294 | 0.1398 | 0.0019 |  | 791 | 44 | 833 | 13 | 843 | 11 | 98 |
| LLYS01-42 | 109 | | 183 | | 0.595 | | 0.0665 | 0.0013 | 1.2031 | 0.0242 | 0.1310 | 0.0014 |  | 822 | 40 | 802 | 11 | 793 | 8 | 98 |
| LLYS01-43 | 153 | | 274 | | 0.558 | | 0.1007 | 0.0014 | 3.4487 | 0.0560 | 0.2475 | 0.0029 |  | 1639 | 25 | 1516 | 13 | 1426 | 15 | 93 |
| LLYS01-44 | 435 | | 1062 | | 0.409 | | 0.0658 | 0.0009 | 0.9219 | 0.0183 | 0.1011 | 0.0016 |  | 1200 | 27 | 663 | 10 | 621 | 9 | 93 |
| LLYS01-54 | 494 | | 1383 | | 0.357 | | 0.0663 | 0.0009 | 0.8959 | 0.0188 | 0.0977 | 0.0017 |  | 817 | 28 | 650 | 10 | 601 | 10 | 92 |
| LLYS01-60 | 97.1 | | 380 | | 0.256 | | 0.0634 | 0.0012 | 0.9655 | 0.0413 | 0.1090 | 0.0041 |  | 724 | 39 | 686 | 21 | 667 | 24 | 97 |
| LLYS01-80 | 53.4 | | 169 | | 0.316 | | 0.0696 | 0.0017 | 1.0842 | 0.0313 | 0.1124 | 0.0021 |  | 917 | 44 | 746 | 15 | 687 | 12 | 91 |
| LLYS01-89 | 149 | | 902 | | 0.165 | | 0.0608 | 0.0014 | 0.8148 | 0.0576 | 0.0923 | 0.0060 |  | 632 | 48 | 605 | 32 | 569 | 36 | 93 |