*Geological Magazine*

**The Affinity between Hainan Island and Microcontinents in the Northern Region of East Gondwana during the Silurian Period: Sedimentary Response of the Eastern Segment of Proto-Tethys Ocean Closure**

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Supplementary Material

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**Captions**

Supplementary Figure S1 U–Pb Concordia diagrams and U-Pb age probability density plots of detrital zircon analytical results. Errors are quoted in 2s level.

Supplementary Figure S2. CL images of representative zircons. (circle diameter 33 μm, distance between dashed lines is 100 μm).

Table S1. Metadata of LA-ICP-MS U-Pb data used in this study.

Table S2. Zircon U–Pb data for the Early Silurian quartz sandstone from Zusailing Formation.

Table S3. The secondary reference material U-Pb data.

Table S4. Zircon trace element concentration (ppm) data.

Table S5. Chi–square statistical value and p–value of samples.

**Table S1. Metadata of LA-ICP-MS U-Pb data used in this study**

|  |  |
| --- | --- |
| **Laboratory name** | |
| Sample type/mineral | Key Laboratory of Mineral Resources Evaluation in Northeast Asia, Ministry of Natural and Resources, Jilin University, Changchun, China |
| Sample preparation | Conventional mineral separation, 1 inch resin mount, 1 m polish to finish |
| Imaging | CL images were taken by Gantan MiniCL imaging system attached to a JSM-IT100 tungsten filament scanning electron microscope |
| Laser ablation system | |
| Make, Model and type | Coherent, GeoLasPro 193nm ArF excimer |
| Ablation cell and volume | In‐house built low‐volume cell, volume ca. 10 cm3 |
| Laser wavelength (nm) | 193 nm |
| Pulse width (ns) | 12 |
| Fluence (J cm‐2) | 10 J cm‐2 |
| Repetition rate (Hz) | 8Hz |
| Ablation duration (s) | 40s |
| Ablation pit depth /ablation rate | not available |
| Spot diameter (μm)  nominal/actual | 32 μm |
| Sampling mode / pattern | Static spot ablation |
| Carrier gas | 100% He in the cell, N2 were introduced into the make-up gas via a T-connector |
| Cell carrier gas flow (l min‐1) | ca. 0.50 L/min; fine-adjusted daily |
| **ICP-MS Instrument** | |
| Make, Model and type | Agilent 7900 |
| Sample introduction | High-speed uptake pump and close-coupled seven-port switching valve provide highest possible throughput with discrete sampling |
| RF power (W) | 1500W |
| Make-up gas flow (l min-1) | 1.15 L/min; fine-adjusted daily Argon |
| Detection system | Orthogonal Detector System (ODS) |
| Masses measured | 29, 49, 89, 91, 93, 140, 141, 143, 147, 151 155, 159, 163, 165, 166, 169, 173, 175, 179, 181, 201, 204, 206, 207, 208, 232, 238 |
| Integration time per peak/dwell times (ms); quadrupole settling time between mass jumps | 15ms for 232 and 238; 20 ms for 49, 206 and 208; 30 ms for 207; 6 ms for other elements. settling time are allocated automatically by Agilent ICPMS software |
| Total integration time per output data point (s) | 0.124s |
| ‘Sensitivity’ as useful yield (%, element) | not available for quadrupole ICPMS |
| IC Dead time (ns) | 30 ns for EM of quadrupole ICPMS |
| **Data Processing** | |
| Gas blank | 20 s on-peak zero subtracted |
| Calibration strategy | NIST 610 used as standard, 91500 used as an external standard, Plešovice used as an unknown sample |
| Reference Material information | 91500 (Wiedenbeck et al. 1995), NIST 610 (Liu et al. 2010), Plešovice (Sláma et al.，2008) |
| Data processing package used / Correction for LIEF | The data were processed using the ISOPLOT (Version 3.0) program (Ludwig, 2003) |
| Mass discrimination | not available |
| Common‐Pb correction, composition and uncertainty | none applied |
| Uncertainty level and propagation | Ages are quoted at 2s absolute, propagation is by quadratic addition. Reproducibility and age uncertainty of reference material and common-Pb composition uncertainty are propagated where appropriate. |
| Quality control / Validation | weighted average 206Pb/238U ages of Plešovice is 337.5±2.4 Ma (n = 8, 2s) |
| **Other information** | ca. 2.5m sample line from ablation cell to torch and washout time was ca. 20 s to 0.1% of peak signal |

**Supplementary Table S2. Zircon U–Pb data for the early Silurian quartz sandstone from Zusailing Formation**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| samples | Isotope Ratio | | | | | | Age (Ma) | | | | | | Concordance (%) | Best age (Ma) | 2s | Th/U |
| 207Pb/206U | 2s | 207Pb/235U | 2s | 206Pb/238U | 2s | 207Pb/206U | 2s | 207Pb/235U | 2s | 206Pb/238U | 2s | (Ma) |
| BT2-1 | 0.07634 | 0.00192 | 1.90321 | 0.05299 | 0.18087 | 0.00441 | 1104 | 25 | 1082 | 19 | 1072 | 24 | 103 | 1104 | 25 | 0.33 |
| BT2-2 | 0.11128 | 0.00242 | 4.90449 | 0.12307 | 0.31973 | 0.00771 | 1820 | 21 | 1803 | 21 | 1788 | 38 | 102 | 1820 | 21 | 0.48 |
| BT2-3 | 0.10725 | 0.00227 | 4.51456 | 0.11107 | 0.30538 | 0.00732 | 1753 | 20 | 1734 | 20 | 1718 | 36 | 102 | 1753 | 20 | 0.89 |
| BT2-4 | 0.11731 | 0.00249 | 5.60598 | 0.13839 | 0.34667 | 0.00833 | 1916 | 20 | 1917 | 21 | 1919 | 40 | 100 | 1916 | 20 | 0.43 |
| BT2-5 | 0.12018 | 0.00265 | 5.54944 | 0.14045 | 0.335 | 0.0081 | 1959 | 20 | 1908 | 22 | 1863 | 39 | 105 | 1959 | 20 | 0.07 |
| BT2-6 | 0.11764 | 0.00241 | 5.55717 | 0.13374 | 0.34271 | 0.00818 | 1921 | 20 | 1909 | 21 | 1900 | 39 | 101 | 1921 | 20 | 0.10 |
| BT2-7 | 0.10771 | 0.00238 | 4.69269 | 0.11906 | 0.31608 | 0.00763 | 1761 | 21 | 1766 | 21 | 1771 | 37 | 99 | 1761 | 21 | 0.54 |
| BT2-8 | 0.10371 | 0.00211 | 3.9786 | 0.0954 | 0.27832 | 0.00664 | 1692 | 20 | 1630 | 19 | 1583 | 33 | 107 | 1692 | 20 | 0.26 |
| BT2-9 | 0.06106 | 0.00139 | 0.83858 | 0.02177 | 0.09964 | 0.00239 | 641 | 25 | 618 | 12 | 612 | 14 | 101 | 612 | 14 | 0.10 |
| BT2-10 | 0.15941 | 0.00329 | 9.42299 | 0.22816 | 0.42882 | 0.01028 | 2449 | 19 | 2380 | 22 | 2300 | 46 | 106 | 2449 | 19 | 0.20 |
| BT2-11 | 0.05496 | 0.00194 | 0.56242 | 0.02068 | 0.07423 | 0.00187 | 411 | 41 | 453 | 13 | 462 | 11 | 98 | 462 | 11 | 0.68 |
| BT2-12 | 0.11559 | 0.00401 | 4.95604 | 0.17793 | 0.31106 | 0.00839 | 1889 | 30 | 1812 | 30 | 1746 | 41 | 108 | 1889 | 30 | 0.04 |
| BT2-13 | 0.11663 | 0.00242 | 5.57973 | 0.13567 | 0.34706 | 0.00831 | 1905 | 20 | 1913 | 21 | 1921 | 40 | 99 | 1905 | 20 | 0.07 |
| BT2-14 | 0.12971 | 0.00264 | 6.62413 | 0.15882 | 0.37047 | 0.00884 | 2094 | 19 | 2063 | 21 | 2032 | 42 | 103 | 2094 | 19 | 0.04 |
| BT2-15 | 0.18346 | 0.00373 | 11.85862 | 0.2844 | 0.46891 | 0.01121 | 2684 | 18 | 2593 | 22 | 2479 | 49 | 108 | 2684 | 18 | 0.26 |
| BT2-16 | 0.18482 | 0.00429 | 12.44657 | 0.32644 | 0.48854 | 0.01211 | 2697 | 19 | 2639 | 25 | 2564 | 52 | 105 | 2697 | 19 | 0.68 |
| BT2-17 | 0.11337 | 0.00258 | 5.23654 | 0.13564 | 0.33508 | 0.00814 | 1854 | 21 | 1859 | 22 | 1863 | 39 | 100 | 1854 | 21 | 0.66 |
| BT2-18 | 0.07857 | 0.00174 | 1.9664 | 0.04997 | 0.18157 | 0.00437 | 1161 | 23 | 1104 | 17 | 1076 | 24 | 108 | 1161 | 23 | 0.51 |
| BT2-19 | 0.06178 | 0.00161 | 0.85152 | 0.02438 | 0.09998 | 0.00243 | 667 | 28 | 625 | 13 | 614 | 14 | 102 | 614 | 14 | 0.40 |
| BT2-20 | 0.12462 | 0.00361 | 6.32266 | 0.19623 | 0.36807 | 0.00949 | 2023 | 25 | 2022 | 27 | 2020 | 45 | 100 | 2023 | 25 | 0.58 |
| BT2-21 | 0.06023 | 0.00144 | 0.78396 | 0.02104 | 0.09443 | 0.00228 | 612 | 26 | 588 | 12 | 582 | 13 | 101 | 582 | 13 | 0.18 |
| BT2-22 | 0.05611 | 0.00137 | 0.55438 | 0.01514 | 0.07168 | 0.00173 | 457 | 27 | 448 | 10 | 446 | 10 | 100 | 446 | 10 | 0.31 |
| BT2-23 | 0.05921 | 0.00252 | 0.6309 | 0.0273 | 0.0773 | 0.00203 | 575 | 51 | 497 | 17 | 480 | 12 | 104 | 480 | 12 | 0.82 |
| BT2-24 | 0.05699 | 0.00141 | 0.55739 | 0.0154 | 0.07095 | 0.00172 | 491 | 27 | 450 | 10 | 442 | 10 | 102 | 442 | 10 | 0.59 |
| BT2-25 | 0.10892 | 0.00237 | 4.79467 | 0.12044 | 0.31934 | 0.0077 | 1781 | 21 | 1784 | 21 | 1787 | 38 | 100 | 1781 | 21 | 0.41 |
| BT2-26 | 0.05523 | 0.00196 | 0.55076 | 0.02032 | 0.07234 | 0.00182 | 422 | 41 | 445 | 13 | 450 | 11 | 99 | 450 | 11 | 0.27 |
| BT2-27 | 0.10175 | 0.00217 | 4.27117 | 0.10596 | 0.30451 | 0.00732 | 1656 | 21 | 1688 | 20 | 1714 | 36 | 97 | 1656 | 21 | 0.12 |
| BT2-28 | 0.11044 | 0.00231 | 4.79432 | 0.11724 | 0.31491 | 0.00755 | 1807 | 20 | 1784 | 21 | 1765 | 37 | 102 | 1807 | 20 | 0.49 |
| BT2-29 | 0.09843 | 0.00222 | 3.50887 | 0.09029 | 0.25859 | 0.00626 | 1595 | 22 | 1529 | 20 | 1483 | 32 | 108 | 1595 | 22 | 0.48 |
| BT2-30 | 0.06241 | 0.00162 | 0.96423 | 0.02758 | 0.11208 | 0.00273 | 688 | 27 | 685 | 14 | 685 | 16 | 100 | 685 | 16 | 0.22 |
| BT2-31 | 0.09402 | 0.00246 | 3.25689 | 0.09359 | 0.25129 | 0.00622 | 1509 | 24 | 1471 | 22 | 1445 | 32 | 104 | 1509 | 24 | 0.29 |
| BT2-32 | 0.0629 | 0.00153 | 0.90069 | 0.02455 | 0.10388 | 0.00251 | 705 | 26 | 652 | 13 | 637 | 15 | 98 | 635 | 15 | 0.16 |
| BT2-33 | 0.15746 | 0.00339 | 8.96905 | 0.22362 | 0.4132 | 0.01 | 2429 | 19 | 2335 | 23 | 2230 | 46 | 109 | 2429 | 19 | 0.51 |
| BT2-34 | 0.07525 | 0.00189 | 1.9175 | 0.05345 | 0.18484 | 0.00451 | 1075 | 25 | 1087 | 19 | 1093 | 25 | 98 | 1075 | 25 | 0.56 |
| BT2-35 | 0.07263 | 0.00166 | 1.62878 | 0.04241 | 0.16268 | 0.00392 | 1004 | 24 | 981 | 16 | 972 | 22 | 101 | 972 | 22 | 0.20 |
| BT2-36 | 0.10511 | 0.00248 | 4.23376 | 0.11257 | 0.2922 | 0.00713 | 1716 | 22 | 1681 | 22 | 1653 | 36 | 104 | 1716 | 22 | 0.42 |
| BT2-37 | 0.05874 | 0.00153 | 0.62014 | 0.01776 | 0.07659 | 0.00186 | 557 | 28 | 490 | 11 | 476 | 11 | 103 | 476 | 11 | 0.55 |
| BT2-38 | 0.05935 | 0.0016 | 0.71198 | 0.02093 | 0.08702 | 0.00212 | 580 | 29 | 546 | 12 | 538 | 13 | 101 | 538 | 13 | 0.46 |
| BT2-39 | 0.05467 | 0.00225 | 0.52572 | 0.02213 | 0.06975 | 0.00181 | 399 | 50 | 429 | 15 | 435 | 11 | 99 | 435 | 11 | 0.52 |
| BT2-40 | 0.11421 | 0.00235 | 5.03604 | 0.12194 | 0.31986 | 0.00765 | 1867 | 20 | 1825 | 21 | 1789 | 37 | 104 | 1867 | 20 | 0.50 |
| BT2-41 | 0.05736 | 0.00152 | 0.58508 | 0.017 | 0.07399 | 0.0018 | 505 | 29 | 468 | 11 | 460 | 11 | 102 | 460 | 11 | 0.46 |
| BT2-42 | 0.10022 | 0.00263 | 3.73759 | 0.10738 | 0.27052 | 0.00672 | 1628 | 24 | 1579 | 23 | 1543 | 34 | 106 | 1628 | 24 | 0.61 |
| BT2-43 | 0.16134 | 0.00336 | 10.28376 | 0.25096 | 0.46238 | 0.01112 | 2470 | 19 | 2461 | 23 | 2450 | 49 | 101 | 2470 | 19 | 0.55 |
| BT2-44 | 0.11536 | 0.00349 | 4.8255 | 0.15502 | 0.30344 | 0.00785 | 1886 | 26 | 1789 | 27 | 1708 | 39 | 110 | 1886 | 26 | 0.44 |
| BT2-45 | 0.05957 | 0.0018 | 0.78275 | 0.02524 | 0.09532 | 0.00236 | 588 | 33 | 587 | 14 | 587 | 14 | 100 | 587 | 14 | 1.40 |
| BT2-46 | 0.15463 | 0.00317 | 8.99517 | 0.21721 | 0.42198 | 0.01011 | 2398 | 19 | 2338 | 22 | 2269 | 46 | 106 | 2398 | 19 | 0.15 |
| BT2-47 | 0.14814 | 0.00324 | 8.71002 | 0.21972 | 0.4265 | 0.01036 | 2325 | 19 | 2308 | 23 | 2290 | 47 | 102 | 2325 | 19 | 0.70 |
| BT2-48 | 0.05638 | 0.00164 | 0.57875 | 0.01809 | 0.07446 | 0.00183 | 467 | 32 | 464 | 12 | 463 | 11 | 100 | 463 | 11 | 0.53 |
| BT2-49 | 0.10819 | 0.00262 | 4.81819 | 0.13056 | 0.32304 | 0.00794 | 1769 | 22 | 1788 | 23 | 1805 | 39 | 98 | 1769 | 22 | 1.73 |
| BT2-50 | 0.08713 | 0.00203 | 2.81936 | 0.07437 | 0.23472 | 0.0057 | 1363 | 23 | 1361 | 20 | 1359 | 30 | 100 | 1363 | 23 | 0.42 |
| BT2-51 | 0.09907 | 0.00222 | 3.94552 | 0.10136 | 0.28888 | 0.00699 | 1607 | 21 | 1623 | 21 | 1636 | 35 | 98 | 1607 | 21 | 1.18 |
| BT2-52 | 0.1259 | 0.00273 | 5.99237 | 0.15032 | 0.34525 | 0.00834 | 2041 | 20 | 1975 | 22 | 1912 | 40 | 107 | 2041 | 20 | 0.82 |
| BT2-53 | 0.12167 | 0.0026 | 6.00405 | 0.1493 | 0.35796 | 0.00863 | 1981 | 20 | 1976 | 22 | 1972 | 41 | 100 | 1981 | 20 | 0.44 |
| BT2-54 | 0.19424 | 0.00396 | 13.66093 | 0.32899 | 0.51018 | 0.01223 | 2778 | 18 | 2726 | 23 | 2657 | 52 | 105 | 2778 | 18 | 0.44 |
| BT2-55 | 0.10646 | 0.0024 | 4.48163 | 0.11561 | 0.30535 | 0.00741 | 1740 | 21 | 1728 | 21 | 1718 | 37 | 101 | 1740 | 21 | 0.34 |
| BT2-56 | 0.05508 | 0.00164 | 0.55196 | 0.01762 | 0.07269 | 0.00179 | 415 | 33 | 446 | 12 | 452 | 11 | 99 | 452 | 11 | 0.57 |
| BT2-57 | 0.10083 | 0.00226 | 3.84477 | 0.09876 | 0.27661 | 0.0067 | 1639 | 21 | 1602 | 21 | 1574 | 34 | 104 | 1639 | 21 | 0.61 |
| BT2-58 | 0.17635 | 0.00357 | 12.14515 | 0.29092 | 0.49956 | 0.01194 | 2619 | 18 | 2616 | 22 | 2612 | 51 | 100 | 2619 | 18 | 0.21 |
| BT2-59 | 0.11646 | 0.00294 | 5.28559 | 0.14778 | 0.32922 | 0.00818 | 1903 | 22 | 1867 | 24 | 1835 | 40 | 104 | 1903 | 22 | 1.20 |
| BT2-60 | 0.05898 | 0.00157 | 0.7684 | 0.02238 | 0.0945 | 0.00231 | 566 | 29 | 579 | 13 | 582 | 14 | 99 | 582 | 14 | 0.03 |
| BT2-61 | 0.05771 | 0.00147 | 0.567 | 0.01604 | 0.07126 | 0.00173 | 519 | 28 | 456 | 10 | 444 | 10 | 103 | 444 | 10 | 1.00 |
| BT2-62 | 0.10724 | 0.00236 | 4.50897 | 0.11415 | 0.305 | 0.00737 | 1753 | 21 | 1733 | 21 | 1716 | 36 | 102 | 1753 | 21 | 0.43 |
| BT2-63 | 0.10934 | 0.00232 | 4.77008 | 0.11793 | 0.31644 | 0.00761 | 1788 | 20 | 1780 | 21 | 1772 | 37 | 101 | 1788 | 20 | 0.37 |
| BT2-64 | 0.06193 | 0.00143 | 0.83756 | 0.02196 | 0.09809 | 0.00236 | 672 | 25 | 618 | 12 | 603 | 14 | 102 | 603 | 14 | 0.33 |
| BT2-65 | 0.10995 | 0.00232 | 4.66814 | 0.11499 | 0.30797 | 0.0074 | 1799 | 20 | 1762 | 21 | 1731 | 36 | 104 | 1799 | 20 | 0.36 |
| ~~BT2-66~~ | ~~0.12294~~ | ~~0.00256~~ | ~~5.08308~~ | ~~0.12416~~ | ~~0.29991~~ | ~~0.0072~~ | ~~1999~~ | ~~20~~ | ~~1833~~ | ~~21~~ | ~~1691~~ | ~~36~~ | ~~117~~ | ~~1974~~ | ~~64~~ | ~~0.13~~ |
| BT2-67 | 0.05691 | 0.00185 | 0.55241 | 0.01892 | 0.07041 | 0.00176 | 488 | 36 | 447 | 12 | 439 | 11 | 102 | 439 | 11 | 0.43 |
| BT2-68 | 0.18008 | 0.00412 | 12.718 | 0.33105 | 0.5123 | 0.01265 | 2654 | 19 | 2659 | 25 | 2666 | 54 | 100 | 2654 | 19 | 0.49 |
| BT2-69 | 0.05619 | 0.00163 | 0.54395 | 0.01702 | 0.07022 | 0.00173 | 460 | 32 | 441 | 11 | 437 | 10 | 101 | 437 | 10 | 0.54 |
| BT2-70 | 0.10972 | 0.00252 | 4.79599 | 0.12537 | 0.31707 | 0.00772 | 1795 | 21 | 1784 | 22 | 1775 | 38 | 101 | 1795 | 21 | 0.52 |
| BT2-71 | 0.05723 | 0.00182 | 0.5528 | 0.01863 | 0.07007 | 0.00175 | 500 | 35 | 447 | 12 | 437 | 11 | 102 | 437 | 11 | 0.48 |
| BT2-72 | 0.12703 | 0.00269 | 6.30704 | 0.15601 | 0.36015 | 0.00868 | 2057 | 20 | 2019 | 22 | 1983 | 41 | 104 | 2057 | 20 | 0.50 |
| BT2-73 | 0.10738 | 0.00238 | 4.6888 | 0.11948 | 0.31673 | 0.00767 | 1755 | 21 | 1765 | 21 | 1774 | 38 | 99 | 1755 | 21 | 0.57 |
| BT2-74 | 0.09399 | 0.00206 | 3.3217 | 0.08406 | 0.25636 | 0.00618 | 1508 | 21 | 1486 | 20 | 1471 | 32 | 103 | 1508 | 21 | 0.31 |
| BT2-75 | 0.13658 | 0.00303 | 6.93522 | 0.17674 | 0.36831 | 0.00896 | 2184 | 20 | 2103 | 23 | 2021 | 42 | 108 | 2184 | 20 | 0.31 |
| BT2-76 | 0.05604 | 0.0022 | 0.53986 | 0.02175 | 0.06987 | 0.0018 | 454 | 46 | 438 | 14 | 435 | 11 | 101 | 435 | 11 | 0.77 |
| BT2-77 | 0.15104 | 0.00305 | 8.68978 | 0.20823 | 0.41733 | 0.00998 | 2358 | 19 | 2306 | 22 | 2248 | 45 | 105 | 2358 | 19 | 0.03 |
| BT2-78 | 0.05981 | 0.00163 | 0.63599 | 0.01896 | 0.07713 | 0.00189 | 597 | 29 | 500 | 12 | 479 | 11 | 104 | 479 | 11 | 0.56 |
| BT2-79 | 0.17545 | 0.00364 | 11.63962 | 0.2836 | 0.48122 | 0.01158 | 2610 | 18 | 2576 | 23 | 2533 | 50 | 103 | 2610 | 18 | 0.51 |
| BT2-80 | 0.11912 | 0.00244 | 5.63387 | 0.13629 | 0.34305 | 0.00821 | 1943 | 20 | 1921 | 21 | 1901 | 39 | 102 | 1943 | 20 | 0.36 |
| BT2-81 | 0.0551 | 0.00239 | 0.54008 | 0.02384 | 0.0711 | 0.00186 | 416 | 54 | 438 | 16 | 443 | 11 | 99 | 443 | 11 | 0.52 |
| BT2-82 | 0.05857 | 0.00146 | 0.72667 | 0.02023 | 0.09 | 0.00218 | 551 | 27 | 555 | 12 | 556 | 13 | 100 | 556 | 13 | 0.58 |
| BT2-83 | 0.09387 | 0.00197 | 3.33173 | 0.08185 | 0.25745 | 0.00618 | 1506 | 21 | 1489 | 19 | 1477 | 32 | 102 | 1506 | 21 | 1.06 |
| BT2-84 | 0.09154 | 0.00198 | 3.11751 | 0.07822 | 0.24701 | 0.00595 | 1458 | 21 | 1437 | 19 | 1423 | 31 | 102 | 1458 | 21 | 0.36 |
| BT2-85 | 0.05998 | 0.00206 | 0.59093 | 0.02124 | 0.07147 | 0.00181 | 603 | 38 | 471 | 14 | 445 | 11 | 106 | 445 | 11 | 0.68 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BT3-1 | 0.06083 | 0.00331 | 0.58458 | 0.03162 | 0.0697 | 0.00197 | 633 | 113 | 467 | 20 | 434 | 12 | 108 | 434 | 12 | 0.54 |
| BT3-2 | 0.07485 | 0.00184 | 1.63874 | 0.04504 | 0.1588 | 0.00387 | 1065 | 49 | 985 | 17 | 950 | 22 | 104 | 950 | 22 | 0.61 |
| BT3-3 | 0.12851 | 0.00357 | 6.35987 | 0.19112 | 0.35897 | 0.00917 | 2078 | 48 | 2027 | 26 | 1977 | 44 | 105 | 2078 | 24 | 0.46 |
| BT3-4 | 0.08109 | 0.00199 | 2.31637 | 0.06351 | 0.20721 | 0.00506 | 1224 | 47 | 1217 | 19 | 1214 | 27 | 101 | 1224 | 24 | 0.44 |
| BT3-5 | 0.05756 | 0.00169 | 0.55523 | 0.01753 | 0.06997 | 0.00173 | 513 | 64 | 448 | 11 | 436 | 10 | 103 | 436 | 10 | 0.32 |
| BT3-6 | 0.12081 | 0.0025 | 5.74451 | 0.13999 | 0.34491 | 0.00828 | 1968 | 36 | 1938 | 21 | 1910 | 40 | 103 | 1968 | 20 | 0.47 |
| BT3-7 | 0.09 | 0.00201 | 3.11238 | 0.07986 | 0.25084 | 0.00607 | 1425 | 42 | 1436 | 20 | 1443 | 31 | 99 | 1426 | 22 | 0.29 |
| BT3-8 | 0.07917 | 0.00191 | 2.05762 | 0.05582 | 0.18851 | 0.00459 | 1176 | 47 | 1135 | 19 | 1113 | 25 | 106 | 1176 | 24 | 0.11 |
| BT3-9 | 0.1139 | 0.00283 | 5.09608 | 0.14084 | 0.32452 | 0.00803 | 1863 | 44 | 1836 | 23 | 1812 | 39 | 103 | 1863 | 22 | 0.42 |
| BT3-10 | 0.10867 | 0.00245 | 4.6841 | 0.1208 | 0.31265 | 0.00759 | 1777 | 41 | 1764 | 22 | 1754 | 37 | 101 | 1777 | 21 | 0.63 |
| BT3-11 | 0.17771 | 0.00382 | 12.22717 | 0.30558 | 0.49906 | 0.01213 | 2632 | 35 | 2622 | 23 | 2610 | 52 | 101 | 2632 | 19 | 0.75 |
| BT3-12 | 0.1206 | 0.0027 | 5.8714 | 0.15081 | 0.35313 | 0.00859 | 1965 | 39 | 1957 | 22 | 1950 | 41 | 101 | 1965 | 21 | 0.65 |
| BT3-13 | 0.05709 | 0.00157 | 0.59274 | 0.01775 | 0.07531 | 0.00184 | 494 | 60 | 473 | 11 | 468 | 11 | 101 | 468 | 11 | 0.47 |
| BT3-14 | 0.05491 | 0.0017 | 0.53031 | 0.01753 | 0.07005 | 0.00174 | 409 | 67 | 432 | 12 | 436 | 10 | 99 | 436 | 10 | 0.70 |
| BT3-15 | 0.16004 | 0.00345 | 10.11628 | 0.25323 | 0.45847 | 0.01113 | 2456 | 36 | 2446 | 23 | 2433 | 49 | 101 | 2456 | 19 | 0.36 |
| BT3-16 | 0.21628 | 0.00504 | 16.39891 | 0.43322 | 0.54995 | 0.01377 | 2953 | 37 | 2900 | 25 | 2825 | 57 | 105 | 2953 | 19 | 0.47 |
| BT3-17 | 0.09312 | 0.00237 | 3.30267 | 0.09321 | 0.25725 | 0.00635 | 1490 | 47 | 1482 | 22 | 1476 | 33 | 101 | 1490 | 24 | 0.80 |
| BT3-18 | 0.07124 | 0.00219 | 1.17957 | 0.03862 | 0.12009 | 0.00301 | 964 | 62 | 791 | 18 | 731 | 17 | 108 | 731 | 17 | 0.66 |
| BT3-19 | 0.10973 | 0.00257 | 4.69986 | 0.12475 | 0.31065 | 0.0076 | 1795 | 42 | 1767 | 22 | 1744 | 37 | 103 | 1795 | 22 | 0.38 |
| BT3-20 | 0.16347 | 0.0034 | 10.43983 | 0.25527 | 0.4632 | 0.01115 | 2492 | 35 | 2475 | 23 | 2454 | 49 | 102 | 2492 | 19 | 0.02 |
| BT3-21 | 0.08004 | 0.00257 | 2.12943 | 0.07225 | 0.19296 | 0.00492 | 1198 | 62 | 1158 | 23 | 1137 | 27 | 105 | 1198 | 32 | 0.77 |
| BT3-22 | 0.09075 | 0.00189 | 3.10356 | 0.076 | 0.24806 | 0.00595 | 1441 | 39 | 1434 | 19 | 1429 | 31 | 101 | 1441 | 21 | 0.83 |
| BT3-23 | 0.05874 | 0.00249 | 0.73868 | 0.03199 | 0.09122 | 0.0024 | 557 | 90 | 562 | 19 | 563 | 14 | 100 | 563 | 14 | 0.36 |
| BT3-24 | 0.11647 | 0.00252 | 5.29811 | 0.13322 | 0.32993 | 0.00798 | 1903 | 38 | 1869 | 21 | 1838 | 39 | 104 | 1903 | 20 | 0.39 |
| BT3-25 | 0.17874 | 0.00384 | 11.78829 | 0.29489 | 0.47835 | 0.01163 | 2641 | 35 | 2588 | 23 | 2520 | 51 | 105 | 2641 | 19 | 0.60 |
| BT3-26 | 0.05751 | 0.00185 | 0.5556 | 0.01891 | 0.07007 | 0.00175 | 511 | 70 | 449 | 12 | 437 | 11 | 103 | 437 | 11 | 0.73 |
| BT3-27 | 0.05999 | 0.00112 | 0.76916 | 0.01477 | 0.09301 | 0.00117 | 603 | 40 | 579 | 8 | 573 | 7 | 101 | 573 | 7 | 1.13 |
| BT3-28 | 0.05645 | 0.00081 | 0.61238 | 0.00943 | 0.0787 | 0.00095 | 469 | 32 | 485 | 6 | 488 | 6 | 99 | 488 | 6 | 0.19 |
| BT3-29 | 0.05805 | 0.00139 | 0.57354 | 0.01375 | 0.07167 | 0.00095 | 531 | 52 | 460 | 9 | 446 | 6 | 103 | 446 | 6 | 0.62 |
| BT3-30 | 0.05381 | 0.00206 | 0.6065 | 0.02289 | 0.08175 | 0.00125 | 363 | 84 | 481 | 14 | 507 | 7 | 95 | 507 | 7 | 0.60 |
| BT3-31 | 0.05669 | 0.00179 | 0.5736 | 0.01791 | 0.07339 | 0.00105 | 479 | 69 | 460 | 12 | 457 | 6 | 101 | 457 | 6 | 0.39 |
| BT3-32 | 0.11112 | 0.00201 | 4.75017 | 0.08801 | 0.3101 | 0.00415 | 1818 | 32 | 1776 | 16 | 1741 | 20 | 104 | 1818 | 16 | 0.68 |
| BT3-33 | 0.10027 | 0.00154 | 3.96997 | 0.06413 | 0.28721 | 0.00362 | 1629 | 28 | 1628 | 13 | 1628 | 18 | 100 | 1629 | 14 | 0.65 |
| BT3-34 | 0.08129 | 0.00198 | 2.15472 | 0.05239 | 0.19227 | 0.00272 | 1229 | 47 | 1167 | 17 | 1134 | 15 | 108 | 1228 | 26 | 1.36 |
| BT3-35 | 0.0576 | 0.00143 | 0.60518 | 0.01503 | 0.07621 | 0.00102 | 514 | 54 | 481 | 10 | 473 | 6 | 102 | 473 | 6 | 0.99 |
| BT3-36 | 0.07887 | 0.00142 | 2.11537 | 0.0391 | 0.19456 | 0.0025 | 1169 | 35 | 1154 | 13 | 1146 | 13 | 102 | 1169 | 18 | 0.65 |
| BT3-37 | 0.056 | 0.00117 | 0.60528 | 0.01287 | 0.0784 | 0.00101 | 452 | 46 | 481 | 8 | 487 | 6 | 99 | 487 | 6 | 0.84 |
| BT3-38 | 0.16521 | 0.00227 | 10.75679 | 0.1591 | 0.47231 | 0.00603 | 2510 | 23 | 2502 | 14 | 2494 | 26 | 101 | 2510 | 11 | 0.49 |
| BT3-39 | 0.07695 | 0.00322 | 1.97622 | 0.08059 | 0.18628 | 0.00334 | 1120 | 81 | 1107 | 27 | 1101 | 18 | 102 | 1120 | 53 | 0.72 |
| BT3-40 | 0.107 | 0.00194 | 4.15931 | 0.07725 | 0.28196 | 0.00376 | 1749 | 33 | 1666 | 15 | 1601 | 19 | 109 | 1749 | 16 | 0.78 |
| BT3-41 | 0.05481 | 0.00223 | 0.62227 | 0.02481 | 0.08235 | 0.00131 | 405 | 88 | 491 | 16 | 510 | 8 | 96 | 510 | 8 | 0.36 |
| BT3-42 | 0.17439 | 0.00194 | 11.96988 | 0.15103 | 0.49788 | 0.00597 | 2600 | 18 | 2602 | 12 | 2605 | 26 | 100 | 2600 | 9 | 0.43 |
| BT3-43 | 0.05627 | 0.00156 | 0.58325 | 0.01606 | 0.07519 | 0.00104 | 462 | 61 | 467 | 10 | 467 | 6 | 100 | 467 | 6 | 0.54 |
| BT3-44 | 0.0596 | 0.00115 | 0.8167 | 0.01616 | 0.09941 | 0.00126 | 589 | 41 | 606 | 9 | 611 | 7 | 99 | 611 | 7 | 0.38 |
| BT3-45 | 0.05745 | 0.00118 | 0.64029 | 0.0134 | 0.08084 | 0.00103 | 509 | 45 | 503 | 8 | 501 | 6 | 100 | 501 | 6 | 0.63 |
| BT3-46 | 0.24836 | 0.00265 | 21.56565 | 0.26427 | 0.62987 | 0.00751 | 3174 | 17 | 3164 | 12 | 3149 | 30 | 101 | 3174 | 9 | 0.64 |
| BT3-47 | 0.11115 | 0.00183 | 4.81848 | 0.08238 | 0.31446 | 0.00409 | 1818 | 30 | 1788 | 14 | 1763 | 20 | 103 | 1818 | 15 | 0.47 |
| BT3-48 | 0.07154 | 0.00112 | 1.53695 | 0.02527 | 0.15583 | 0.00193 | 973 | 32 | 945 | 10 | 934 | 11 | 101 | 934 | 11 | 0.15 |
| BT3-49 | 0.09436 | 0.00295 | 3.62952 | 0.11132 | 0.27903 | 0.00463 | 1515 | 58 | 1556 | 24 | 1587 | 23 | 96 | 1515 | 33 | 0.77 |
| BT3-50 | 0.10397 | 0.0016 | 4.31928 | 0.07007 | 0.30136 | 0.00383 | 1696 | 28 | 1697 | 13 | 1698 | 19 | 100 | 1696 | 14 | 0.42 |
| BT3-51 | 0.07506 | 0.00193 | 1.89832 | 0.04872 | 0.18346 | 0.00261 | 1070 | 51 | 1081 | 17 | 1086 | 14 | 99 | 1070 | 29 | 0.80 |
| BT3-52 | 0.16258 | 0.00197 | 9.98019 | 0.13392 | 0.44529 | 0.00546 | 2483 | 20 | 2433 | 12 | 2374 | 24 | 105 | 2483 | 10 | 0.05 |
| BT3-53 | 0.06993 | 0.00362 | 1.41342 | 0.07118 | 0.1466 | 0.00292 | 926 | 103 | 895 | 30 | 882 | 16 | 101 | 882 | 16 | 0.66 |
| BT3-54 | 0.11201 | 0.00144 | 4.85291 | 0.06812 | 0.31427 | 0.00384 | 1832 | 23 | 1794 | 12 | 1762 | 19 | 104 | 1832 | 11 | 0.16 |
| BT3-55 | 0.22162 | 0.00251 | 16.3492 | 0.20863 | 0.53512 | 0.00649 | 2993 | 18 | 2897 | 12 | 2763 | 27 | 108 | 2990 | 28 | 0.06 |
| BT3-56 | 0.13111 | 0.00168 | 6.79568 | 0.09506 | 0.37598 | 0.00463 | 2113 | 22 | 2085 | 12 | 2058 | 22 | 103 | 2113 | 11 | 0.39 |
| BT3-57 | 0.18302 | 0.00265 | 12.78299 | 0.19681 | 0.50664 | 0.00666 | 2680 | 24 | 2664 | 15 | 2642 | 29 | 101 | 2680 | 11 | 0.81 |
| BT3-58 | 0.11444 | 0.00139 | 5.18334 | 0.06981 | 0.32854 | 0.00397 | 1871 | 22 | 1850 | 11 | 1831 | 19 | 102 | 1871 | 11 | 0.20 |
| BT3-59 | 0.06198 | 0.0019 | 0.62171 | 0.01883 | 0.07276 | 0.00105 | 674 | 64 | 491 | 12 | 453 | 6 | 99 | 449 | 7 | 0.53 |
| BT3-60 | 0.07699 | 0.00274 | 1.88419 | 0.06557 | 0.17753 | 0.00296 | 1121 | 69 | 1076 | 23 | 1054 | 16 | 106 | 1121 | 43 | 0.44 |
| BT3-61 | 0.05808 | 0.00246 | 0.60265 | 0.025 | 0.07527 | 0.00124 | 532 | 91 | 479 | 16 | 468 | 7 | 102 | 468 | 7 | 0.62 |
| BT3-62 | 0.09936 | 0.00178 | 3.98954 | 0.07371 | 0.29124 | 0.00384 | 1612 | 33 | 1632 | 15 | 1648 | 19 | 98 | 1612 | 17 | 0.55 |
| BT3-63 | 0.16212 | 0.00214 | 9.73828 | 0.13932 | 0.43571 | 0.00548 | 2478 | 22 | 2410 | 13 | 2331 | 25 | 106 | 2478 | 11 | 0.43 |
| BT3-64 | 0.05612 | 0.00119 | 0.59889 | 0.01285 | 0.07741 | 0.001 | 457 | 46 | 477 | 8 | 481 | 6 | 99 | 481 | 6 | 0.37 |
| BT3-65 | 0.19004 | 0.00205 | 13.26028 | 0.16388 | 0.50613 | 0.00603 | 2743 | 18 | 2698 | 12 | 2640 | 26 | 104 | 2743 | 9 | 0.35 |
| BT3-66 | 0.1004 | 0.0017 | 3.80776 | 0.06694 | 0.2751 | 0.00357 | 1632 | 31 | 1594 | 14 | 1567 | 18 | 104 | 1632 | 16 | 0.84 |
| BT3-67 | 0.17703 | 0.00222 | 12.77168 | 0.17641 | 0.5233 | 0.00653 | 2625 | 21 | 2663 | 13 | 2713 | 28 | 97 | 2625 | 10 | 0.19 |
| BT3-68 | 0.05537 | 0.00168 | 0.53258 | 0.01596 | 0.06977 | 0.00099 | 427 | 66 | 434 | 11 | 435 | 6 | 100 | 435 | 6 | 0.66 |
| BT3-69 | 0.07448 | 0.00123 | 1.79505 | 0.03098 | 0.17481 | 0.00219 | 1054 | 33 | 1044 | 11 | 1039 | 12 | 102 | 1055 | 17 | 0.27 |
| BT3-70 | 0.05558 | 0.00147 | 0.54516 | 0.01439 | 0.07115 | 0.00097 | 435 | 58 | 442 | 9 | 443 | 6 | 100 | 443 | 6 | 0.69 |
| BT3-71 | 0.05653 | 0.0019 | 0.58012 | 0.0192 | 0.07444 | 0.0011 | 472 | 73 | 465 | 12 | 463 | 7 | 100 | 463 | 7 | 0.66 |
| BT3-72 | 0.05652 | 0.00118 | 0.58667 | 0.01249 | 0.0753 | 0.00097 | 472 | 46 | 469 | 8 | 468 | 6 | 100 | 468 | 6 | 0.53 |
| BT3-73 | 0.05856 | 0.00322 | 0.7 | 0.03758 | 0.08671 | 0.00165 | 551 | 116 | 539 | 22 | 536 | 10 | 101 | 536 | 10 | 1.41 |
| BT3-74 | 0.05433 | 0.00173 | 0.53916 | 0.01699 | 0.07198 | 0.00104 | 385 | 70 | 438 | 11 | 448 | 6 | 98 | 448 | 6 | 0.40 |
| BT3-75 | 0.08913 | 0.00123 | 3.07021 | 0.04571 | 0.24988 | 0.00307 | 1407 | 26 | 1425 | 11 | 1438 | 16 | 98 | 1407 | 13 | 0.16 |
| BT3-76 | 0.05698 | 0.00141 | 0.617 | 0.01526 | 0.07855 | 0.00105 | 490 | 54 | 488 | 10 | 487 | 6 | 100 | 487 | 6 | 0.46 |
| BT3-77 | 0.05574 | 0.00121 | 0.55417 | 0.01215 | 0.07211 | 0.00093 | 442 | 47 | 448 | 8 | 449 | 6 | 100 | 449 | 6 | 0.60 |
| BT3-78 | 0.09004 | 0.00139 | 3.10097 | 0.05059 | 0.2498 | 0.00314 | 1426 | 29 | 1433 | 13 | 1438 | 16 | 99 | 1426 | 14 | 0.69 |
| BT3-79 | 0.10802 | 0.00131 | 4.50611 | 0.06048 | 0.30259 | 0.00365 | 1766 | 22 | 1732 | 11 | 1704 | 18 | 104 | 1766 | 11 | 0.12 |
| BT3-80 | 0.08907 | 0.00136 | 3.0053 | 0.04836 | 0.24473 | 0.00306 | 1406 | 29 | 1409 | 12 | 1411 | 16 | 100 | 1406 | 14 | 0.78 |
| BT3-81 | 0.10412 | 0.0019 | 4.12533 | 0.07716 | 0.2874 | 0.00383 | 1699 | 33 | 1659 | 15 | 1629 | 19 | 102 | 1656 | 53 | 0.39 |
| BT3-82 | 0.05741 | 0.0024 | 0.74615 | 0.03064 | 0.09427 | 0.00154 | 507 | 90 | 566 | 18 | 581 | 9 | 97 | 581 | 9 | 0.19 |
| BT3-83 | 0.10903 | 0.00162 | 4.83583 | 0.07626 | 0.32172 | 0.00407 | 1783 | 27 | 1791 | 13 | 1798 | 20 | 99 | 1783 | 13 | 0.57 |
| BT3-84 | 0.11176 | 0.00167 | 4.842 | 0.0766 | 0.31425 | 0.00398 | 1828 | 27 | 1792 | 13 | 1762 | 20 | 104 | 1828 | 13 | 0.37 |
| BT3-85 | 0.08795 | 0.00199 | 2.84576 | 0.06464 | 0.23469 | 0.00328 | 1382 | 43 | 1368 | 17 | 1359 | 17 | 102 | 1381 | 23 | 0.88 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BT5-1 | 0.07182 | 0.001 | 1.3314 | 0.01989 | 0.13447 | 0.00163 | 981 | 28 | 860 | 9 | 813 | 9 | 102 | 809 | 9 | 0.39 |
| BT5-2 | 0.05995 | 0.00959 | 0.73476 | 0.11501 | 0.0889 | 0.00341 | 602 | 313 | 559 | 67 | 549 | 20 | 102 | 549 | 20 | 5.32 |
| BT5-3 | 0.1064 | 0.00174 | 4.51199 | 0.07687 | 0.30759 | 0.00398 | 1739 | 30 | 1733 | 14 | 1729 | 20 | 101 | 1739 | 15 | 1.06 |
| BT5-4 | 0.05928 | 0.00252 | 0.77763 | 0.03236 | 0.09514 | 0.00158 | 578 | 90 | 584 | 18 | 586 | 9 | 100 | 586 | 9 | 1.69 |
| BT5-5 | 0.05556 | 0.00212 | 0.5811 | 0.0218 | 0.07587 | 0.00118 | 435 | 83 | 465 | 14 | 471 | 7 | 99 | 471 | 7 | 0.97 |
| BT5-6 | 0.05625 | 0.00103 | 0.61431 | 0.01163 | 0.07921 | 0.00099 | 462 | 40 | 486 | 7 | 491 | 6 | 99 | 491 | 6 | 0.35 |
| BT5-7 | 0.09164 | 0.00115 | 3.13911 | 0.04323 | 0.24848 | 0.003 | 1460 | 24 | 1442 | 11 | 1431 | 15 | 102 | 1460 | 12 | 0.29 |
| BT5-8 | 0.05639 | 0.00146 | 0.60924 | 0.01579 | 0.07837 | 0.00106 | 467 | 57 | 483 | 10 | 486 | 6 | 99 | 486 | 6 | 0.44 |
| BT5-9 | 0.06264 | 0.00525 | 0.71201 | 0.05782 | 0.08245 | 0.00218 | 696 | 169 | 546 | 34 | 511 | 13 | 107 | 511 | 13 | 2.98 |
| BT5-10 | 0.15627 | 0.00213 | 9.45324 | 0.13886 | 0.43879 | 0.00557 | 2416 | 23 | 2383 | 13 | 2345 | 25 | 103 | 2416 | 11 | 0.40 |
| BT5-11 | 0.09857 | 0.00184 | 3.87828 | 0.07402 | 0.28538 | 0.00381 | 1597 | 34 | 1609 | 15 | 1618 | 19 | 99 | 1597 | 17 | 0.58 |
| BT5-12 | 0.05612 | 0.00219 | 0.5844 | 0.02239 | 0.07553 | 0.00119 | 457 | 84 | 467 | 14 | 469 | 7 | 100 | 469 | 7 | 0.63 |
| BT5-13 | 0.05619 | 0.00168 | 0.55855 | 0.01658 | 0.0721 | 0.00102 | 459 | 66 | 451 | 11 | 449 | 6 | 100 | 449 | 6 | 0.53 |
| BT5-14 | 0.16725 | 0.00225 | 10.83685 | 0.15747 | 0.46998 | 0.00597 | 2530 | 22 | 2509 | 14 | 2484 | 26 | 102 | 2530 | 11 | 0.50 |
| BT5-15 | 0.07044 | 0.00125 | 1.46382 | 0.02677 | 0.15073 | 0.00191 | 941 | 36 | 916 | 11 | 905 | 11 | 101 | 905 | 11 | 0.34 |
| BT5-16 | 0.05752 | 0.00124 | 0.61427 | 0.01345 | 0.07746 | 0.00101 | 511 | 47 | 486 | 8 | 481 | 6 | 101 | 481 | 6 | 0.37 |
| BT5-17 | 0.18434 | 0.0021 | 12.96692 | 0.16652 | 0.51024 | 0.00619 | 2692 | 19 | 2677 | 12 | 2658 | 26 | 101 | 2692 | 10 | 0.85 |
| BT5-18 | 0.10161 | 0.00156 | 4.11225 | 0.06659 | 0.29355 | 0.00372 | 1654 | 28 | 1657 | 13 | 1659 | 19 | 100 | 1654 | 14 | 1.00 |
| BT5-19 | 0.11293 | 0.00137 | 5.03832 | 0.06785 | 0.32362 | 0.00392 | 1847 | 22 | 1826 | 11 | 1807 | 19 | 102 | 1845 | 32 | 0.01 |
| BT5-20 | 0.05773 | 0.00129 | 0.55525 | 0.01251 | 0.06977 | 0.00091 | 519 | 48 | 448 | 8 | 435 | 6 | 100 | 434 | 5 | 0.26 |
| BT5-21 | 0.09695 | 0.00165 | 3.61884 | 0.06391 | 0.27074 | 0.00351 | 1566 | 32 | 1554 | 14 | 1545 | 18 | 101 | 1566 | 16 | 0.84 |
| BT5-22 | 0.08081 | 0.00169 | 2.34603 | 0.04981 | 0.21058 | 0.00284 | 1217 | 41 | 1226 | 15 | 1232 | 15 | 99 | 1217 | 22 | 0.56 |
| BT5-23 | 0.05823 | 0.00263 | 0.56018 | 0.0255 | 0.06978 | 0.00183 | 538 | 96 | 452 | 17 | 435 | 11 | 104 | 435 | 11 | 0.40 |
| BT5-24 | 0.08665 | 0.00147 | 2.76609 | 0.04876 | 0.23155 | 0.00297 | 1353 | 32 | 1346 | 13 | 1343 | 16 | 101 | 1353 | 16 | 0.77 |
| BT5-25 | 0.08941 | 0.00135 | 3.09756 | 0.04949 | 0.25129 | 0.00314 | 1413 | 29 | 1432 | 12 | 1445 | 16 | 98 | 1413 | 14 | 0.60 |
| BT5-26 | 0.06154 | 0.00115 | 0.93038 | 0.01786 | 0.10966 | 0.00139 | 658 | 40 | 668 | 9 | 671 | 8 | 100 | 671 | 8 | 0.21 |
| BT5-27 | 0.10572 | 0.00164 | 4.51406 | 0.07383 | 0.30971 | 0.00396 | 1727 | 28 | 1734 | 14 | 1739 | 19 | 99 | 1727 | 14 | 0.42 |
| BT5-28 | 0.17956 | 0.00194 | 12.45061 | 0.15427 | 0.50295 | 0.00601 | 2649 | 18 | 2639 | 12 | 2627 | 26 | 101 | 2649 | 9 | 0.52 |
| BT5-29 | 0.10469 | 0.00156 | 4.33624 | 0.06838 | 0.30043 | 0.00379 | 1709 | 27 | 1700 | 13 | 1693 | 19 | 101 | 1709 | 13 | 0.27 |
| BT5-30 | 0.09115 | 0.0015 | 3.14817 | 0.0541 | 0.25052 | 0.00321 | 1450 | 31 | 1445 | 13 | 1441 | 17 | 101 | 1450 | 15 | 0.45 |
| BT5-31 | 0.13609 | 0.00206 | 7.39009 | 0.11837 | 0.39389 | 0.00512 | 2178 | 26 | 2160 | 14 | 2141 | 24 | 102 | 2178 | 13 | 1.00 |
| BT5-32 | 0.14057 | 0.00162 | 7.70318 | 0.09975 | 0.39748 | 0.00479 | 2234 | 20 | 2197 | 12 | 2157 | 22 | 104 | 2234 | 10 | 0.10 |
| BT5-33 | 0.05674 | 0.00153 | 0.6079 | 0.01636 | 0.07771 | 0.00107 | 481 | 59 | 482 | 10 | 482 | 6 | 100 | 482 | 6 | 0.83 |
| BT5-34 | 0.09155 | 0.00151 | 3.12211 | 0.05364 | 0.24736 | 0.00317 | 1458 | 31 | 1438 | 13 | 1425 | 16 | 102 | 1458 | 15 | 0.41 |
| BT5-35 | 0.13979 | 0.00159 | 7.52085 | 0.09683 | 0.39025 | 0.0047 | 2225 | 20 | 2176 | 12 | 2124 | 22 | 105 | 2225 | 10 | 0.34 |
| BT5-36 | 0.07451 | 0.00157 | 1.79133 | 0.03813 | 0.17437 | 0.00233 | 1055 | 42 | 1042 | 14 | 1036 | 13 | 102 | 1055 | 23 | 0.76 |
| BT5-37 | 0.09508 | 0.00134 | 3.43532 | 0.05194 | 0.26207 | 0.00325 | 1530 | 26 | 1513 | 12 | 1500 | 17 | 102 | 1530 | 13 | 0.87 |
| BT5-38 | 0.05514 | 0.00103 | 0.54587 | 0.01049 | 0.0718 | 0.0009 | 418 | 41 | 442 | 7 | 447 | 5 | 99 | 447 | 5 | 0.42 |
| BT5-39 | 0.0765 | 0.00152 | 1.96159 | 0.03964 | 0.18598 | 0.00245 | 1108 | 39 | 1102 | 14 | 1100 | 13 | 101 | 1108 | 21 | 0.45 |
| BT5-40 | 0.10533 | 0.00184 | 4.30513 | 0.07751 | 0.29646 | 0.00391 | 1720 | 32 | 1694 | 15 | 1674 | 19 | 103 | 1720 | 16 | 0.79 |
| BT5-41 | 0.17225 | 0.00279 | 11.31096 | 0.19108 | 0.47631 | 0.00653 | 2580 | 27 | 2549 | 16 | 2511 | 29 | 103 | 2580 | 13 | 0.68 |
| BT5-42 | 0.06008 | 0.00162 | 0.85052 | 0.02285 | 0.10268 | 0.00143 | 606 | 57 | 625 | 13 | 630 | 8 | 99 | 630 | 8 | 0.42 |
| BT5-43 | 0.17515 | 0.00202 | 12.0101 | 0.15574 | 0.49737 | 0.00605 | 2608 | 19 | 2605 | 12 | 2603 | 26 | 100 | 2607 | 10 | 0.58 |
| BT5-44 | 0.17746 | 0.00208 | 11.72001 | 0.1537 | 0.47904 | 0.00585 | 2629 | 19 | 2582 | 12 | 2523 | 26 | 104 | 2629 | 10 | 0.02 |
| BT5-45 | 0.06049 | 0.00161 | 0.82417 | 0.02185 | 0.09882 | 0.00137 | 621 | 56 | 610 | 12 | 608 | 8 | 100 | 607 | 8 | 1.62 |
| BT5-46 | 0.08535 | 0.00149 | 2.68667 | 0.04851 | 0.22831 | 0.00295 | 1324 | 34 | 1325 | 13 | 1326 | 15 | 100 | 1324 | 17 | 1.40 |
| BT5-47 | 0.05516 | 0.0015 | 0.53302 | 0.01448 | 0.07009 | 0.00096 | 419 | 59 | 434 | 10 | 437 | 6 | 99 | 437 | 6 | 0.92 |
| BT5-48 | 0.12135 | 0.01674 | 6.25181 | 0.82578 | 0.37368 | 0.02394 | 1976 | 227 | 2012 | 116 | 2047 | 112 | 97 | 1976 | 146 | 0.51 |
| BT5-49 | 0.08897 | 0.0012 | 3.06446 | 0.0448 | 0.24983 | 0.00306 | 1404 | 26 | 1424 | 11 | 1438 | 16 | 98 | 1404 | 13 | 0.39 |
| BT5-50 | 0.06685 | 0.0019 | 0.94161 | 0.0265 | 0.10216 | 0.00147 | 833 | 58 | 674 | 14 | 627 | 9 | 107 | 627 | 9 | 0.17 |
| BT5-51 | 0.05437 | 0.00088 | 0.5472 | 0.00927 | 0.073 | 0.0009 | 387 | 36 | 443 | 6 | 454 | 5 | 98 | 454 | 5 | 0.17 |
| BT5-52 | 0.07854 | 0.0018 | 2.10025 | 0.04841 | 0.19396 | 0.00268 | 1161 | 45 | 1149 | 16 | 1143 | 14 | 102 | 1161 | 25 | 0.91 |
| ~~BT5-53~~ | ~~0.09066~~ | ~~0.00217~~ | ~~1.03758~~ | ~~0.0246~~ | ~~0.08302~~ | ~~0.00117~~ | ~~1439~~ | ~~45~~ | ~~723~~ | ~~12~~ | ~~514~~ | ~~7~~ | ~~280~~ | ~~514~~ | ~~7~~ | ~~0.58~~ |
| BT5-54 | 0.11938 | 0.00249 | 5.76108 | 0.12152 | 0.35004 | 0.00505 | 1947 | 37 | 1941 | 18 | 1935 | 24 | 101 | 1947 | 19 | 1.28 |
| BT5-55 | 0.06179 | 0.00128 | 0.97433 | 0.0205 | 0.11437 | 0.00148 | 667 | 44 | 691 | 11 | 698 | 9 | 99 | 698 | 9 | 0.31 |
| BT5-56 | 0.0628 | 0.00351 | 0.81124 | 0.04398 | 0.09369 | 0.00191 | 702 | 115 | 603 | 25 | 577 | 11 | 105 | 577 | 11 | 0.07 |
| BT5-57 | 0.07717 | 0.00167 | 2.02479 | 0.04432 | 0.1903 | 0.00258 | 1126 | 43 | 1124 | 15 | 1123 | 14 | 100 | 1126 | 23 | 0.54 |
| BT5-58 | 0.12646 | 0.00157 | 6.67573 | 0.09146 | 0.38289 | 0.00469 | 2049 | 22 | 2069 | 12 | 2090 | 22 | 98 | 2049 | 11 | 0.41 |
| BT5-59 | 0.05649 | 0.00114 | 0.55825 | 0.01148 | 0.07168 | 0.00092 | 471 | 44 | 450 | 7 | 446 | 6 | 101 | 446 | 6 | 0.68 |
| BT5-60 | 0.12934 | 0.00159 | 6.2765 | 0.0854 | 0.35197 | 0.0043 | 2089 | 21 | 2015 | 12 | 1944 | 21 | 107 | 2089 | 11 | 0.16 |
| BT5-61 | 0.05675 | 0.00133 | 0.61287 | 0.01446 | 0.07833 | 0.00104 | 481 | 51 | 485 | 9 | 486 | 6 | 100 | 486 | 6 | 0.84 |
| BT5-62 | 0.08904 | 0.00181 | 2.99664 | 0.07059 | 0.24488 | 0.00579 | 1405 | 38 | 1407 | 18 | 1412 | 30 | 100 | 1405 | 21 | 0.07 |
| BT5-63 | 0.10569 | 0.0024 | 4.47555 | 0.11389 | 0.30811 | 0.00742 | 1726 | 41 | 1726 | 21 | 1731 | 37 | 100 | 1726 | 21 | 0.62 |
| BT5-64 | 0.10019 | 0.00237 | 3.79256 | 0.09932 | 0.27544 | 0.00666 | 1628 | 43 | 1591 | 21 | 1568 | 34 | 104 | 1628 | 22 | 0.53 |
| BT5-65 | 0.0789 | 0.00189 | 2.1595 | 0.05723 | 0.19913 | 0.00479 | 1170 | 47 | 1168 | 18 | 1171 | 26 | 100 | 1170 | 23 | 1.01 |
| BT5-66 | 0.14645 | 0.00301 | 8.47871 | 0.201 | 0.42122 | 0.01002 | 2305 | 35 | 2284 | 22 | 2266 | 45 | 102 | 2305 | 19 | 0.05 |
| BT5-67 | 0.16177 | 0.00349 | 9.55578 | 0.23435 | 0.42977 | 0.01035 | 2474 | 36 | 2393 | 23 | 2305 | 47 | 107 | 2456 | 59 | 0.10 |
| BT5-68 | 0.08094 | 0.00178 | 2.30798 | 0.05736 | 0.20745 | 0.00494 | 1220 | 43 | 1215 | 18 | 1215 | 26 | 100 | 1220 | 22 | 0.63 |
| BT5-69 | 0.16017 | 0.00335 | 10.3401 | 0.24804 | 0.46968 | 0.01122 | 2457 | 35 | 2466 | 22 | 2482 | 49 | 99 | 2457 | 19 | 0.94 |
| BT5-70 | 0.09041 | 0.00235 | 3.17984 | 0.0896 | 0.25589 | 0.00627 | 1434 | 49 | 1452 | 22 | 1469 | 32 | 98 | 1434 | 24 | 0.42 |
| BT5-71 | 0.18413 | 0.00378 | 12.8012 | 0.3036 | 0.50578 | 0.01206 | 2690 | 34 | 2665 | 22 | 2639 | 52 | 102 | 2690 | 18 | 0.56 |
| BT5-72 | 0.11538 | 0.00274 | 5.29272 | 0.13929 | 0.33371 | 0.00812 | 1886 | 42 | 1868 | 22 | 1856 | 39 | 102 | 1886 | 21 | 0.82 |
| BT5-73 | 0.05541 | 0.00189 | 0.56553 | 0.02001 | 0.07425 | 0.00185 | 429 | 74 | 455 | 13 | 462 | 11 | 98 | 462 | 11 | 0.43 |
| BT5-74 | 0.05764 | 0.00168 | 0.5599 | 0.01731 | 0.07067 | 0.00172 | 516 | 63 | 452 | 11 | 440 | 10 | 103 | 440 | 10 | 0.54 |
| BT5-75 | 0.20333 | 0.00431 | 15.60595 | 0.37822 | 0.55832 | 0.01345 | 2853 | 34 | 2853 | 23 | 2860 | 56 | 100 | 2853 | 18 | 0.42 |
| BT5-76 | 0.05775 | 0.00144 | 0.73098 | 0.01998 | 0.09207 | 0.00221 | 520 | 54 | 557 | 12 | 568 | 13 | 98 | 568 | 13 | 0.23 |
| BT5-77 | 0.1145 | 0.0028 | 5.39459 | 0.14514 | 0.3427 | 0.00839 | 1872 | 44 | 1884 | 23 | 1900 | 40 | 99 | 1872 | 22 | 1.93 |
| BT5-78 | 0.11317 | 0.00233 | 5.1993 | 0.12351 | 0.33416 | 0.00793 | 1851 | 37 | 1853 | 20 | 1859 | 38 | 100 | 1851 | 20 | 1.43 |
| BT5-79 | 0.10699 | 0.00241 | 4.53537 | 0.11487 | 0.30834 | 0.00741 | 1749 | 41 | 1738 | 21 | 1733 | 37 | 101 | 1749 | 21 | 0.54 |
| BT5-80 | 0.05397 | 0.00251 | 0.52025 | 0.02433 | 0.07012 | 0.00185 | 370 | 101 | 425 | 16 | 437 | 11 | 97 | 437 | 11 | 0.35 |
| BT5-81 | 0.12296 | 0.00313 | 6.02543 | 0.167 | 0.35641 | 0.00883 | 2000 | 45 | 1980 | 24 | 1965 | 42 | 102 | 2000 | 22 | 0.50 |
| BT5-82 | 0.09492 | 0.00196 | 3.53751 | 0.08421 | 0.27104 | 0.00642 | 1527 | 38 | 1536 | 19 | 1546 | 33 | 99 | 1526 | 20 | 0.12 |
| BT5-83 | 0.10834 | 0.0026 | 4.66638 | 0.12366 | 0.31326 | 0.00762 | 1772 | 43 | 1761 | 22 | 1757 | 37 | 101 | 1772 | 22 | 0.47 |
| BT5-84 | 0.05855 | 0.00167 | 0.7644 | 0.02324 | 0.09495 | 0.00231 | 550 | 61 | 577 | 13 | 585 | 14 | 99 | 585 | 14 | 0.83 |
| BT5-85 | 0.0794 | 0.00199 | 2.25184 | 0.06171 | 0.20625 | 0.005 | 1182 | 49 | 1197 | 19 | 1209 | 27 | 98 | 1182 | 24 | 0.60 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BT7-1 | 0.07145 | 0.00181 | 1.58043 | 0.0438 | 0.16087 | 0.00389 | 970 | 51 | 963 | 17 | 962 | 22 | 100 | 962 | 22 | 0.64 |
| BT7-2 | 0.09918 | 0.00243 | 3.69128 | 0.09955 | 0.27066 | 0.00659 | 1609 | 45 | 1570 | 22 | 1544 | 33 | 104 | 1609 | 22 | 1.02 |
| BT7-3 | 0.09612 | 0.00221 | 3.55601 | 0.09157 | 0.26905 | 0.00647 | 1550 | 43 | 1540 | 20 | 1536 | 33 | 101 | 1550 | 22 | 0.75 |
| BT7-4 | 0.05753 | 0.00159 | 0.63776 | 0.0189 | 0.08061 | 0.00195 | 512 | 60 | 501 | 12 | 500 | 12 | 100 | 500 | 12 | 0.55 |
| BT7-5 | 0.19081 | 0.00399 | 13.38996 | 0.3219 | 0.51028 | 0.01222 | 2749 | 34 | 2708 | 23 | 2658 | 52 | 103 | 2749 | 18 | 0.23 |
| BT7-6 | 0.15697 | 0.00323 | 9.5558 | 0.22715 | 0.44266 | 0.01053 | 2423 | 34 | 2393 | 22 | 2363 | 47 | 103 | 2423 | 18 | 0.22 |
| BT7-7 | 0.18365 | 0.0039 | 11.99279 | 0.2916 | 0.47483 | 0.01141 | 2686 | 35 | 2604 | 23 | 2505 | 50 | 107 | 2686 | 18 | 1.21 |
| BT7-8 | 0.07445 | 0.00171 | 1.79601 | 0.04616 | 0.17542 | 0.0042 | 1053 | 46 | 1044 | 17 | 1042 | 23 | 101 | 1054 | 23 | 0.59 |
| BT7-9 | 0.08129 | 0.00209 | 2.32418 | 0.06509 | 0.20788 | 0.00506 | 1229 | 49 | 1220 | 20 | 1218 | 27 | 101 | 1228 | 25 | 0.50 |
| BT7-10 | 0.07723 | 0.00248 | 1.90665 | 0.06399 | 0.1795 | 0.00453 | 1127 | 63 | 1083 | 22 | 1064 | 25 | 106 | 1127 | 31 | 0.45 |
| BT7-11 | 0.05587 | 0.00201 | 0.5677 | 0.02109 | 0.07387 | 0.00186 | 447 | 78 | 457 | 14 | 459 | 11 | 100 | 459 | 11 | 0.72 |
| BT7-12 | 0.05975 | 0.00158 | 0.76082 | 0.02184 | 0.09258 | 0.00224 | 594 | 57 | 575 | 13 | 571 | 13 | 101 | 571 | 13 | 0.59 |
| BT7-13 | 0.06775 | 0.00177 | 1.25583 | 0.03565 | 0.13477 | 0.00326 | 861 | 53 | 826 | 16 | 815 | 19 | 101 | 815 | 19 | 0.27 |
| BT7-14 | 0.10226 | 0.00233 | 4.22892 | 0.10809 | 0.30064 | 0.00723 | 1666 | 42 | 1680 | 21 | 1695 | 36 | 98 | 1666 | 21 | 0.55 |
| BT7-15 | 0.05487 | 0.00157 | 0.53942 | 0.01646 | 0.07147 | 0.00174 | 407 | 62 | 438 | 11 | 445 | 10 | 98 | 445 | 10 | 0.44 |
| BT7-16 | 0.05656 | 0.00138 | 0.60916 | 0.01647 | 0.0783 | 0.00187 | 474 | 54 | 483 | 10 | 486 | 11 | 99 | 486 | 11 | 0.73 |
| BT7-17 | 0.18148 | 0.00476 | 11.82252 | 0.33558 | 0.47358 | 0.01212 | 2666 | 43 | 2590 | 27 | 2499 | 53 | 103 | 2546 | 92 | 0.86 |
| BT7-18 | 0.15339 | 0.00318 | 8.79549 | 0.21039 | 0.41682 | 0.00993 | 2384 | 35 | 2317 | 22 | 2246 | 45 | 106 | 2384 | 19 | 0.38 |
| BT7-19 | 0.05221 | 0.0017 | 0.51233 | 0.01744 | 0.07134 | 0.00176 | 295 | 72 | 420 | 12 | 444 | 11 | 95 | 444 | 11 | 0.66 |
| BT7-20 | 0.0966 | 0.0027 | 3.43679 | 0.10282 | 0.25863 | 0.00644 | 1559 | 52 | 1513 | 24 | 1483 | 33 | 105 | 1559 | 25 | 1.08 |
| BT7-21 | 0.05401 | 0.00143 | 0.55901 | 0.0161 | 0.07524 | 0.00181 | 371 | 59 | 451 | 10 | 468 | 11 | 96 | 468 | 11 | 0.49 |
| BT7-22 | 0.05605 | 0.00152 | 0.54178 | 0.01586 | 0.07026 | 0.0017 | 454 | 59 | 440 | 10 | 438 | 10 | 100 | 438 | 10 | 0.54 |
| BT7-23 | 0.0751 | 0.00175 | 1.86274 | 0.04841 | 0.18029 | 0.00432 | 1071 | 46 | 1068 | 17 | 1069 | 24 | 100 | 1071 | 23 | 0.81 |
| BT7-24 | 0.15328 | 0.00558 | 8.64552 | 0.32081 | 0.40995 | 0.0117 | 2383 | 61 | 2301 | 34 | 2215 | 53 | 105 | 2319 | 99 | 0.50 |
| BT7-25 | 0.07367 | 0.00196 | 1.78048 | 0.0512 | 0.17565 | 0.00428 | 1033 | 53 | 1038 | 19 | 1043 | 23 | 99 | 1032 | 26 | 0.36 |
| BT7-26 | 0.062 | 0.00147 | 0.91127 | 0.02405 | 0.10682 | 0.00255 | 674 | 50 | 658 | 13 | 654 | 15 | 101 | 654 | 15 | 0.03 |
| BT7-27 | 0.08757 | 0.00219 | 2.94402 | 0.08087 | 0.24433 | 0.00594 | 1373 | 47 | 1393 | 21 | 1409 | 31 | 97 | 1373 | 24 | 0.50 |
| BT7-28 | 0.0838 | 0.00236 | 2.37019 | 0.07135 | 0.20555 | 0.00508 | 1288 | 54 | 1234 | 22 | 1205 | 27 | 107 | 1288 | 27 | 0.41 |
| BT7-29 | 0.05593 | 0.00159 | 0.56254 | 0.01712 | 0.0731 | 0.00178 | 449 | 62 | 453 | 11 | 455 | 11 | 100 | 455 | 11 | 0.41 |
| BT7-30 | 0.10495 | 0.00237 | 4.34578 | 0.11053 | 0.30094 | 0.00723 | 1713 | 41 | 1702 | 21 | 1696 | 36 | 101 | 1713 | 21 | 0.89 |
| BT7-31 | 0.057 | 0.00169 | 0.55325 | 0.01739 | 0.07054 | 0.00172 | 491 | 65 | 447 | 11 | 439 | 10 | 102 | 439 | 10 | 0.64 |
| BT7-32 | 0.14408 | 0.00295 | 8.37982 | 0.19926 | 0.42264 | 0.01003 | 2277 | 35 | 2273 | 22 | 2272 | 45 | 100 | 2277 | 19 | 0.35 |
| BT7-33 | 0.13853 | 0.00328 | 7.84493 | 0.2066 | 0.41151 | 0.01007 | 2209 | 41 | 2213 | 24 | 2222 | 46 | 99 | 2209 | 20 | 0.89 |
| BT7-34 | 0.07835 | 0.00164 | 2.12602 | 0.05136 | 0.19719 | 0.00467 | 1156 | 41 | 1157 | 17 | 1160 | 25 | 100 | 1156 | 22 | 0.11 |
| BT7-35 | 0.09111 | 0.00211 | 3.00891 | 0.07788 | 0.23998 | 0.00577 | 1449 | 43 | 1410 | 20 | 1387 | 30 | 104 | 1449 | 22 | 0.58 |
| BT7-36 | 0.09061 | 0.00245 | 3.05349 | 0.08913 | 0.24487 | 0.00604 | 1438 | 51 | 1421 | 22 | 1412 | 31 | 102 | 1438 | 25 | 0.40 |
| BT7-37 | 0.07527 | 0.00203 | 1.83034 | 0.05336 | 0.17669 | 0.00432 | 1076 | 53 | 1056 | 19 | 1049 | 24 | 103 | 1076 | 26 | 0.55 |
| BT7-38 | 0.05883 | 0.00157 | 0.7357 | 0.02126 | 0.09087 | 0.0022 | 561 | 57 | 560 | 12 | 561 | 13 | 100 | 561 | 13 | 0.03 |
| BT7-39 | 0.11831 | 0.00242 | 5.62159 | 0.13347 | 0.34522 | 0.00818 | 1931 | 36 | 1919 | 20 | 1912 | 39 | 101 | 1931 | 19 | 0.41 |
| BT7-40 | 0.10924 | 0.00252 | 4.77564 | 0.12348 | 0.31763 | 0.00767 | 1787 | 42 | 1781 | 22 | 1778 | 38 | 101 | 1787 | 21 | 0.40 |
| BT7-41 | 0.08834 | 0.002 | 2.83549 | 0.07233 | 0.23319 | 0.00559 | 1390 | 43 | 1365 | 19 | 1351 | 29 | 103 | 1390 | 22 | 0.66 |
| BT7-42 | 0.05797 | 0.00268 | 0.58439 | 0.02719 | 0.07323 | 0.00195 | 528 | 99 | 467 | 17 | 456 | 12 | 102 | 456 | 12 | 0.68 |
| BT7-43 | 0.08834 | 0.00197 | 2.77133 | 0.07006 | 0.22792 | 0.00545 | 1390 | 42 | 1348 | 19 | 1324 | 29 | 105 | 1390 | 22 | 0.30 |
| BT7-44 | 0.08239 | 0.00191 | 2.37901 | 0.06189 | 0.20977 | 0.00503 | 1255 | 45 | 1236 | 19 | 1228 | 27 | 102 | 1255 | 23 | 0.52 |
| BT7-45 | 0.06898 | 0.00166 | 1.33845 | 0.03571 | 0.14096 | 0.00338 | 898 | 49 | 863 | 16 | 850 | 19 | 102 | 850 | 19 | 0.16 |
| BT7-46 | 0.0555 | 0.00192 | 0.53659 | 0.01923 | 0.07024 | 0.00175 | 432 | 75 | 436 | 13 | 438 | 11 | 100 | 438 | 11 | 0.55 |
| BT7-47 | 0.17807 | 0.004 | 12.43985 | 0.3157 | 0.50747 | 0.01236 | 2635 | 37 | 2638 | 24 | 2646 | 53 | 100 | 2635 | 19 | 0.42 |
| BT7-48 | 0.11233 | 0.00253 | 5.09798 | 0.1298 | 0.32968 | 0.00793 | 1837 | 40 | 1836 | 22 | 1837 | 38 | 100 | 1837 | 21 | 0.54 |
| BT7-49 | 0.12503 | 0.00312 | 6.27841 | 0.17215 | 0.36474 | 0.00899 | 2029 | 44 | 2015 | 24 | 2005 | 42 | 101 | 2029 | 22 | 0.54 |
| BT7-50 | 0.05422 | 0.00169 | 0.58601 | 0.01931 | 0.07851 | 0.00193 | 380 | 69 | 468 | 12 | 487 | 12 | 96 | 487 | 12 | 0.26 |
| BT7-51 | 0.09944 | 0.00241 | 3.85385 | 0.10349 | 0.28149 | 0.00683 | 1614 | 45 | 1604 | 22 | 1599 | 34 | 101 | 1614 | 22 | 0.55 |
| BT7-52 | 0.10937 | 0.00243 | 4.69004 | 0.11816 | 0.31148 | 0.00747 | 1789 | 40 | 1766 | 21 | 1748 | 37 | 102 | 1789 | 21 | 0.51 |
| BT7-53 | 0.11456 | 0.00256 | 5.22549 | 0.13228 | 0.33131 | 0.00796 | 1873 | 40 | 1857 | 22 | 1845 | 39 | 102 | 1873 | 20 | 0.46 |
| BT7-54 | 0.10843 | 0.00242 | 4.77793 | 0.12071 | 0.32003 | 0.00768 | 1773 | 40 | 1781 | 21 | 1790 | 38 | 99 | 1773 | 21 | 0.45 |
| BT7-55 | 0.05362 | 0.00147 | 0.52156 | 0.01544 | 0.07064 | 0.00171 | 355 | 61 | 426 | 10 | 440 | 10 | 97 | 440 | 10 | 0.52 |
| BT7-56 | 0.08092 | 0.002 | 2.25264 | 0.06137 | 0.20217 | 0.00489 | 1220 | 48 | 1198 | 19 | 1187 | 26 | 103 | 1220 | 24 | 0.89 |
| BT7-57 | 0.0609 | 0.00219 | 0.60635 | 0.02249 | 0.07231 | 0.00182 | 636 | 76 | 481 | 14 | 450 | 11 | 107 | 450 | 11 | 0.51 |
| BT7-58 | 0.17106 | 0.00355 | 11.51494 | 0.2766 | 0.48888 | 0.01165 | 2568 | 34 | 2566 | 22 | 2566 | 50 | 100 | 2568 | 18 | 0.37 |
| BT7-59 | 0.05487 | 0.00149 | 0.54167 | 0.01596 | 0.07169 | 0.00173 | 407 | 59 | 440 | 11 | 446 | 10 | 99 | 446 | 10 | 0.48 |
| BT7-60 | 0.05861 | 0.00194 | 0.7673 | 0.02654 | 0.09507 | 0.00237 | 553 | 71 | 578 | 15 | 586 | 14 | 99 | 585 | 14 | 0.54 |
| BT7-61 | 0.05711 | 0.00183 | 0.58213 | 0.01955 | 0.07402 | 0.00183 | 495 | 70 | 466 | 13 | 460 | 11 | 101 | 460 | 11 | 0.93 |
| BT7-62 | 0.09793 | 0.00243 | 3.63315 | 0.09925 | 0.2694 | 0.00656 | 1585 | 46 | 1557 | 22 | 1538 | 33 | 103 | 1585 | 23 | 1.14 |
| BT7-63 | 0.05519 | 0.00201 | 0.53129 | 0.01996 | 0.0699 | 0.00176 | 420 | 79 | 433 | 13 | 436 | 11 | 99 | 436 | 11 | 0.72 |
| BT7-64 | 0.05996 | 0.00252 | 0.73485 | 0.03137 | 0.08899 | 0.00232 | 602 | 89 | 559 | 18 | 550 | 14 | 102 | 550 | 14 | 0.26 |
| BT7-65 | 0.05872 | 0.00304 | 0.74622 | 0.03857 | 0.09227 | 0.00252 | 557 | 109 | 566 | 22 | 569 | 15 | 99 | 569 | 15 | 1.43 |
| BT7-66 | 0.1063 | 0.00249 | 4.48893 | 0.11771 | 0.30661 | 0.00742 | 1737 | 42 | 1729 | 22 | 1724 | 37 | 101 | 1737 | 21 | 0.67 |
| BT7-67 | 0.06356 | 0.00159 | 0.96206 | 0.02648 | 0.10991 | 0.00264 | 727 | 52 | 684 | 14 | 672 | 15 | 102 | 672 | 15 | 0.20 |
| BT7-68 | 0.05675 | 0.00226 | 0.60001 | 0.02442 | 0.07677 | 0.00197 | 481 | 86 | 477 | 16 | 477 | 12 | 100 | 477 | 12 | 0.43 |
| BT7-69 | 0.11286 | 0.00282 | 4.95711 | 0.1361 | 0.31889 | 0.00782 | 1846 | 44 | 1812 | 23 | 1784 | 38 | 103 | 1846 | 22 | 0.41 |
| BT7-70 | 0.10356 | 0.00222 | 4.24271 | 0.10449 | 0.29742 | 0.00709 | 1689 | 39 | 1682 | 20 | 1679 | 35 | 101 | 1689 | 21 | 0.32 |
| BT7-71 | 0.09037 | 0.00194 | 3.02651 | 0.07454 | 0.24312 | 0.00578 | 1433 | 40 | 1414 | 19 | 1403 | 30 | 102 | 1433 | 21 | 0.12 |
| BT7-72 | 0.07122 | 0.0025 | 1.58739 | 0.0576 | 0.16181 | 0.00413 | 964 | 70 | 965 | 23 | 967 | 23 | 100 | 967 | 23 | 0.11 |
| BT7-73 | 0.05837 | 0.00244 | 0.78142 | 0.0332 | 0.09718 | 0.00252 | 544 | 89 | 586 | 19 | 598 | 15 | 98 | 598 | 15 | 1.10 |
| BT7-74 | 0.086 | 0.00319 | 2.65427 | 0.10086 | 0.22405 | 0.00589 | 1338 | 70 | 1316 | 28 | 1303 | 31 | 103 | 1338 | 36 | 0.47 |
| BT7-75 | 0.05898 | 0.00188 | 0.71577 | 0.02396 | 0.08809 | 0.00218 | 567 | 68 | 548 | 14 | 544 | 13 | 101 | 544 | 13 | 0.71 |
| BT7-76 | 0.0563 | 0.00155 | 0.6022 | 0.01791 | 0.07765 | 0.00188 | 463 | 60 | 479 | 11 | 482 | 11 | 99 | 482 | 11 | 0.92 |
| BT7-77 | 0.05755 | 0.00169 | 0.62623 | 0.0196 | 0.07898 | 0.00193 | 513 | 64 | 494 | 12 | 490 | 12 | 101 | 490 | 12 | 1.00 |
| BT7-78 | 0.21557 | 0.00546 | 17.34464 | 0.48281 | 0.58404 | 0.01497 | 2948 | 40 | 2954 | 27 | 2965 | 61 | 99 | 2948 | 20 | 0.44 |
| BT7-79 | 0.1397 | 0.00297 | 7.9751 | 0.19554 | 0.41438 | 0.0099 | 2223 | 36 | 2228 | 22 | 2235 | 45 | 99 | 2223 | 19 | 0.28 |
| BT7-80 | 0.10966 | 0.00237 | 4.74737 | 0.11768 | 0.31422 | 0.0075 | 1794 | 39 | 1776 | 21 | 1761 | 37 | 102 | 1794 | 20 | 0.57 |
| BT7-81 | 0.07603 | 0.0018 | 1.8093 | 0.04785 | 0.17273 | 0.00415 | 1096 | 47 | 1049 | 17 | 1027 | 23 | 107 | 1096 | 24 | 0.07 |
| BT7-82 | 0.07316 | 0.0023 | 1.51855 | 0.05012 | 0.15066 | 0.00376 | 1018 | 62 | 938 | 20 | 905 | 21 | 98 | 898 | 22 | 0.64 |
| BT7-83 | 0.17838 | 0.00379 | 11.8932 | 0.29104 | 0.48391 | 0.01159 | 2638 | 35 | 2596 | 23 | 2544 | 50 | 104 | 2638 | 18 | 0.36 |
| ~~BT7-84~~ | ~~0.13182~~ | ~~0.00282~~ | ~~4.12273~~ | ~~0.10124~~ | ~~0.22699~~ | ~~0.00541~~ | ~~2122~~ | ~~37~~ | ~~1659~~ | ~~20~~ | ~~1319~~ | ~~28~~ | ~~161~~ | ~~2122~~ | ~~19~~ | ~~0.14~~ |
| BT7-85 | 0.07611 | 0.00182 | 1.93336 | 0.05162 | 0.18435 | 0.00443 | 1098 | 47 | 1093 | 18 | 1091 | 24 | 101 | 1098 | 24 | 0.83 |

Note: The data with strike-through are discord. These were not taken into account when plotting the age histogram and discussing the results.

Concordance is calculated as: age >1000Ma (207Pb/206U age)/ (206Pb/238U age) × 100 (%); age<1000Ma, (207Pb/235U age)/ (206Pb/238U age) × 100 (%).

**Supplementary Table S3. The secondary reference material U-Pb data**

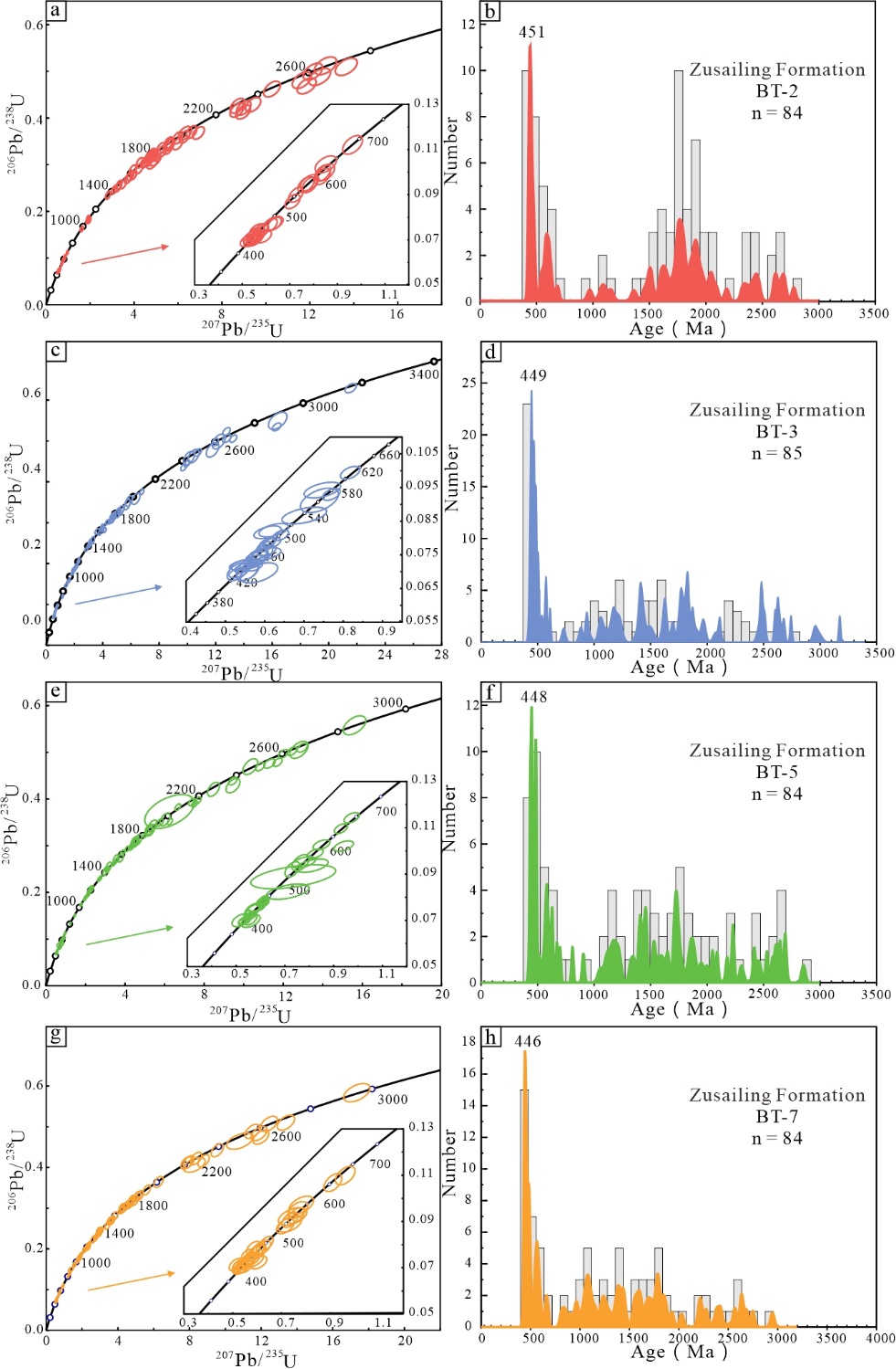
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | samples | Isotope Ratio | | | | | | Age (Ma) | | | | | |
| 207Pb/206U | 2s | 207Pb/235U | 2s | 206Pb/238U | 2s | 207Pb/206U | 2s | 207Pb/235U | 2s | 206Pb/238U | 2s |
| 20210510A003.d | Plešovice | 0.05352 | 0.00123 | 0.41013 | 0.01073 | 0.0556 | 0.00133 | 351 | 51 | 349 | 8 | 349 | 8 |
| 20210510A041.d | Plešovice | 0.05341 | 0.0013 | 0.40614 | 0.01109 | 0.05517 | 0.00133 | 346 | 54 | 346 | 8 | 346 | 8 |
| 20210510A081.d | Plešovice | 0.05491 | 0.00126 | 0.42756 | 0.01119 | 0.05648 | 0.00136 | 409 | 50 | 361 | 8 | 354 | 8 |
| 20210510A121.d | Plešovice | 0.0528 | 0.00129 | 0.40719 | 0.01114 | 0.05594 | 0.00135 | 320 | 54 | 347 | 8 | 351 | 8 |
| 20210510A161.d | Plešovice | 0.05341 | 0.00123 | 0.41131 | 0.01082 | 0.05585 | 0.00135 | 346 | 51 | 350 | 8 | 350 | 8 |
| 20210319A003.d | Plešovice | 0.05236 | 0.00113 | 0.38661 | 0.00848 | 0.05356 | 0.00068 | 301 | 48 | 332 | 6 | 336 | 4 |
| 20210319A041.d | Plešovice | 0.053 | 0.00114 | 0.39213 | 0.00853 | 0.05367 | 0.00069 | 329 | 48 | 336 | 6 | 337 | 4 |
| 20210319A081.d | Plešovice | 0.05378 | 0.00117 | 0.39687 | 0.00872 | 0.05353 | 0.00069 | 362 | 48 | 339 | 6 | 336 | 4 |
| 20210319A121.d | Plešovice | 0.05313 | 0.00083 | 0.40135 | 0.00663 | 0.05479 | 0.00067 | 334 | 35 | 343 | 5 | 344 | 4 |
| 20210319A161.d | Plešovice | 0.05207 | 0.00081 | 0.40189 | 0.00662 | 0.05598 | 0.00068 | 289 | 35 | 343 | 5 | 351 | 4 |
| 20210510B003.d | Plešovice | 0.05271 | 0.00122 | 0.39806 | 0.01028 | 0.05495 | 0.00131 | 317 | 52 | 340 | 7 | 345 | 8 |
| 20210510B041.d | Plešovice | 0.05365 | 0.00122 | 0.40126 | 0.01027 | 0.05439 | 0.00129 | 356 | 51 | 343 | 7 | 341 | 8 |
| 20210510B081.d | Plešovice | 0.0527 | 0.00121 | 0.40198 | 0.01038 | 0.05543 | 0.00132 | 316 | 51 | 343 | 8 | 348 | 8 |
| 20210510B121.d | Plešovice | 0.05403 | 0.00127 | 0.43117 | 0.01131 | 0.05795 | 0.00138 | 372 | 52 | 364 | 8 | 363 | 8 |

**Supplementary Table S4. Zircon trace element concentration data (ppm)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| samples | 49Ti | 89Y | 93Nb | 147Sm | 151Eu | 155Gd | 173Yb | 179Hf | 181Ta | 206Pb | 207Pb | 208Pb | 232Th | 238U |
| BT2-1 | 8.0 | 960.6 | 3.4 | 1.9 | 0.3 | 14.0 | 337.1 | 10937.2 | 1.3 | 155.9 | 13.0 | 7.3 | 75.6 | 226.5 |
| BT2-2 | 11.2 | 1100.1 | 1.4 | 2.9 | 0.2 | 18.0 | 350.5 | 11198.2 | 0.7 | 342.5 | 41.7 | 17.0 | 134.1 | 280.4 |
| BT2-3 | 5.1 | 630.0 | 3.0 | 2.5 | 0.8 | 12.6 | 226.6 | 12398.0 | 1.5 | 536.9 | 63.0 | 63.9 | 407.9 | 460.2 |
| BT2-4 | 9.9 | 551.6 | 2.3 | 1.4 | 0.0 | 8.8 | 186.1 | 10601.5 | 1.2 | 460.8 | 59.1 | 26.6 | 148.6 | 347.9 |
| BT2-5 | 5.5 | 142.5 | 0.7 | 3.8 | 0.2 | 14.9 | 16.0 | 11461.1 | 0.4 | 1127.9 | 149.2 | 10.3 | 65.2 | 947.1 |
| BT2-6 | 4.0 | 533.4 | 6.9 | 2.7 | 0.4 | 10.1 | 177.4 | 12699.7 | 3.1 | 1107.8 | 142.5 | 15.1 | 88.0 | 845.7 |
| BT2-7 | 7.1 | 899.1 | 2.1 | 3.0 | 0.4 | 17.7 | 268.4 | 10993.5 | 1.0 | 306.6 | 36.1 | 22.8 | 137.6 | 253.8 |
| BT2-8 | 10.7 | 2124.4 | 6.6 | 40.8 | 23.2 | 198.3 | 487.2 | 15465.6 | 3.4 | 1636.2 | 187.2 | 55.0 | 416.7 | 1580.9 |
| BT2-9 | 2.8 | 556.1 | 2.3 | 2.9 | 0.3 | 20.7 | 66.1 | 12631.5 | 1.3 | 367.3 | 24.5 | 5.0 | 92.8 | 964.1 |
| BT2-10 | 8.3 | 2415.0 | 1.4 | 4.6 | 0.2 | 36.9 | 775.4 | 11269.7 | 0.9 | 864.2 | 150.3 | 21.3 | 108.0 | 542.1 |
| BT2-11 | 7.8 | 532.8 | 1.3 | 4.7 | 0.4 | 16.6 | 170.6 | 6664.6 | 0.4 | 67.1 | 4.0 | 6.1 | 160.5 | 236.3 |
| BT2-12 | 3.1 | 174.3 | 0.6 | 0.3 | 0.1 | 1.2 | 108.4 | 11754.9 | 1.0 | 240.7 | 28.1 | 1.5 | 10.9 | 254.7 |
| BT2-13 | 5.1 | 1116.1 | 1.5 | 1.5 | 0.3 | 10.3 | 581.4 | 13188.2 | 1.1 | 718.4 | 91.8 | 6.2 | 37.4 | 543.1 |
| BT2-14 | 21.1 | 404.2 | 1.1 | 1.7 | 0.1 | 9.2 | 215.2 | 13901.4 | 1.0 | 1206.4 | 171.3 | 6.8 | 36.5 | 848.5 |
| BT2-15 | 4.6 | 501.7 | 5.0 | 0.8 | 0.1 | 4.4 | 240.5 | 14211.3 | 3.3 | 963.3 | 193.9 | 32.8 | 139.2 | 535.9 |
| BT2-16 | 19.5 | 645.0 | 1.1 | 28.0 | 4.8 | 42.4 | 136.3 | 9068.5 | 0.3 | 154.0 | 30.6 | 18.8 | 74.0 | 109.2 |
| BT2-17 | 8.8 | 1109.1 | 1.1 | 5.0 | 0.9 | 25.3 | 323.8 | 10043.7 | 0.5 | 222.5 | 27.6 | 19.7 | 115.0 | 173.4 |
| BT2-18 | 6.5 | 955.6 | 4.5 | 2.5 | 0.1 | 15.6 | 338.2 | 12132.7 | 2.3 | 433.0 | 37.1 | 31.0 | 316.1 | 616.6 |
| BT2-19 | 11.5 | 765.5 | 2.4 | 71.5 | 3.1 | 66.4 | 190.4 | 10961.8 | 1.2 | 178.8 | 12.1 | 10.7 | 186.5 | 466.7 |
| BT2-20 | 9.3 | 244.8 | 0.5 | 1.6 | 0.3 | 6.5 | 84.2 | 8132.4 | 0.2 | 59.0 | 8.0 | 4.6 | 24.3 | 41.8 |
| BT2-21 | 3.4 | 605.3 | 3.7 | 1.6 | 0.1 | 10.6 | 191.4 | 12477.1 | 1.6 | 265.6 | 17.4 | 6.9 | 129.2 | 736.6 |
| BT2-22 | 6.3 | 814.7 | 2.4 | 5.2 | 2.2 | 22.6 | 322.1 | 10521.6 | 1.2 | 264.8 | 16.3 | 11.9 | 294.8 | 963.8 |
| BT2-23 | 10.1 | 795.7 | 0.6 | 4.4 | 0.7 | 14.4 | 249.8 | 10940.9 | 0.3 | 42.5 | 2.8 | 5.1 | 119.0 | 145.2 |
| BT2-24 | 2.9 | 945.5 | 2.9 | 1.9 | 0.6 | 12.4 | 445.5 | 10971.0 | 0.9 | 226.9 | 14.1 | 18.8 | 493.5 | 842.1 |
| BT2-25 | 7.0 | 701.3 | 2.3 | 1.3 | 0.1 | 10.2 | 228.3 | 11747.7 | 1.2 | 361.9 | 43.1 | 19.6 | 121.9 | 295.5 |
| BT2-26 | 4.3 | 795.0 | 1.5 | 3.0 | 0.5 | 15.3 | 280.3 | 10988.9 | 0.7 | 62.4 | 3.8 | 2.5 | 60.5 | 224.1 |
| BT2-27 | 3.6 | 1387.6 | 1.5 | 1.7 | 0.3 | 15.0 | 601.3 | 12695.3 | 1.3 | 483.5 | 53.9 | 7.2 | 47.4 | 404.5 |
| BT2-28 | 14.4 | 2129.5 | 2.7 | 9.0 | 0.3 | 49.0 | 557.4 | 10474.0 | 1.1 | 654.2 | 79.1 | 42.4 | 262.7 | 541.2 |
| BT2-29 | 6.3 | 836.0 | 3.6 | 3.1 | 0.8 | 13.8 | 294.7 | 10975.5 | 1.7 | 273.7 | 29.5 | 17.3 | 131.2 | 275.7 |
| BT2-30 | 3.8 | 1066.7 | 1.4 | 4.3 | 0.3 | 24.8 | 301.1 | 10409.4 | 0.7 | 166.6 | 11.4 | 5.2 | 86.6 | 387.1 |
| BT2-31 | 7.1 | 840.6 | 5.5 | 2.3 | 0.1 | 13.4 | 277.5 | 11504.8 | 1.3 | 146.8 | 15.2 | 5.7 | 45.1 | 154.2 |
| BT2-32 | 4.2 | 699.8 | 1.6 | 10.2 | 0.6 | 19.2 | 204.4 | 13349.4 | 0.7 | 263.4 | 18.0 | 7.1 | 109.3 | 671.1 |
| BT2-33 | 21.1 | 1395.8 | 4.8 | 5.0 | 0.4 | 24.6 | 414.7 | 9925.7 | 1.9 | 569.1 | 98.0 | 37.3 | 207.4 | 410.3 |
| BT2-34 | 10.7 | 770.9 | 1.8 | 3.2 | 0.2 | 15.9 | 213.1 | 11913.2 | 0.7 | 170.8 | 14.1 | 13.0 | 133.6 | 240.5 |
| BT2-35 | 6.4 | 3168.3 | 1.9 | 5.5 | 0.3 | 50.1 | 771.8 | 12660.9 | 0.7 | 312.3 | 24.8 | 8.3 | 99.7 | 499.7 |
| BT2-36 | 6.8 | 627.9 | 2.3 | 3.0 | 0.4 | 13.1 | 197.9 | 10157.1 | 0.9 | 170.6 | 19.6 | 9.5 | 64.2 | 153.6 |
| BT2-37 | 3.8 | 1521.6 | 4.2 | 3.6 | 0.7 | 19.8 | 656.3 | 10660.3 | 1.2 | 184.4 | 11.8 | 14.5 | 345.6 | 623.6 |
| BT2-38 | 1.7 | 781.6 | 4.0 | 2.4 | 0.1 | 13.6 | 252.8 | 12945.9 | 1.0 | 169.1 | 11.0 | 11.1 | 231.6 | 505.9 |
| BT2-39 | 4.6 | 974.1 | 2.2 | 2.2 | 0.3 | 13.7 | 348.2 | 11210.2 | 0.9 | 63.5 | 3.9 | 4.7 | 124.5 | 239.7 |
| BT2-40 | 4.0 | 1198.3 | 2.5 | 8.4 | 3.0 | 39.5 | 323.3 | 10479.1 | 1.2 | 956.6 | 119.6 | 61.1 | 386.1 | 777.8 |
| BT2-41 | 5.3 | 804.4 | 2.3 | 15.4 | 1.3 | 20.8 | 297.4 | 10997.0 | 1.2 | 167.3 | 10.5 | 11.5 | 269.5 | 588.0 |
| BT2-42 | 10.1 | 652.6 | 1.8 | 2.8 | 0.3 | 10.0 | 236.6 | 11244.1 | 0.9 | 130.1 | 14.4 | 10.8 | 77.1 | 125.6 |
| BT2-43 | 5.1 | 621.0 | 1.6 | 2.6 | 0.2 | 13.4 | 189.8 | 10901.3 | 0.7 | 528.6 | 93.3 | 35.7 | 163.6 | 297.2 |
| BT2-44 | 21.6 | 441.7 | 0.5 | 3.6 | 0.6 | 15.5 | 125.0 | 7462.1 | 0.2 | 55.9 | 7.1 | 3.2 | 20.8 | 47.9 |
| BT2-45 | 11.0 | 1149.4 | 2.4 | 11.9 | 4.4 | 41.2 | 297.6 | 9258.3 | 0.8 | 96.6 | 6.3 | 19.0 | 368.1 | 263.4 |
| BT2-46 | 22.6 | 434.3 | 0.7 | 8.5 | 2.4 | 27.1 | 161.9 | 12239.5 | 0.5 | 896.5 | 151.7 | 10.3 | 83.1 | 552.0 |
| BT2-47 | 7.5 | 820.4 | 2.4 | 4.1 | 1.5 | 18.2 | 279.4 | 9307.0 | 0.9 | 274.3 | 44.5 | 25.6 | 117.8 | 167.1 |
| BT2-48 | 9.7 | 1294.3 | 3.9 | 2.8 | 1.0 | 17.8 | 536.7 | 8798.4 | 1.3 | 117.9 | 7.3 | 8.7 | 219.7 | 411.3 |
| BT2-49 | 13.5 | 1059.3 | 2.7 | 4.9 | 1.1 | 22.6 | 352.5 | 9579.1 | 1.2 | 154.7 | 18.3 | 34.4 | 214.6 | 124.3 |
| BT2-50 | 5.6 | 1130.9 | 2.0 | 3.4 | 0.8 | 18.8 | 399.4 | 9679.4 | 0.6 | 239.6 | 22.9 | 14.0 | 112.5 | 265.1 |
| BT2-51 | 7.3 | 1053.6 | 2.7 | 3.1 | 1.2 | 16.3 | 410.7 | 9803.5 | 0.8 | 284.1 | 30.8 | 44.7 | 302.0 | 255.4 |
| BT2-52 | 6.1 | 668.7 | 2.2 | 2.5 | 0.7 | 11.9 | 265.2 | 10442.4 | 0.8 | 334.9 | 46.2 | 35.6 | 208.2 | 252.8 |
| BT2-53 | 8.4 | 452.7 | 2.0 | 1.6 | 0.3 | 8.4 | 159.2 | 11415.8 | 0.9 | 423.3 | 56.4 | 25.3 | 136.5 | 306.9 |
| BT2-54 | 6.8 | 876.4 | 2.3 | 2.2 | 0.1 | 15.5 | 290.1 | 13531.1 | 1.2 | 895.2 | 190.4 | 49.6 | 198.5 | 455.4 |
| BT2-55 | 10.6 | 1520.0 | 1.3 | 3.8 | 0.7 | 23.8 | 473.0 | 12493.5 | 0.7 | 254.6 | 29.7 | 11.2 | 72.8 | 216.3 |
| BT2-56 | 3.6 | 1093.8 | 3.3 | 4.3 | 0.3 | 17.5 | 383.8 | 10222.7 | 1.2 | 112.6 | 6.8 | 9.1 | 227.5 | 400.3 |
| BT2-57 | 10.6 | 1087.5 | 2.9 | 2.8 | 0.3 | 19.1 | 348.7 | 11155.8 | 1.3 | 271.5 | 30.0 | 22.5 | 155.2 | 255.0 |
| BT2-58 | 8.2 | 548.2 | 0.8 | 7.7 | 0.1 | 34.2 | 105.9 | 12499.2 | 0.5 | 1520.3 | 293.5 | 39.6 | 162.6 | 789.1 |
| BT2-59 | 16.3 | 939.8 | 2.6 | 4.0 | 1.3 | 22.0 | 306.4 | 9062.9 | 1.1 | 112.0 | 14.3 | 17.9 | 105.4 | 88.2 |
| BT2-60 | 6.4 | 49.9 | 0.4 | 1.3 | 0.8 | 5.1 | 4.6 | 13150.4 | 0.2 | 160.7 | 10.4 | 0.7 | 14.9 | 440.9 |
| BT2-61 | 5.1 | 1320.3 | 7.4 | 5.3 | 1.2 | 23.9 | 457.4 | 9796.4 | 2.0 | 211.9 | 13.4 | 29.5 | 766.1 | 768.6 |
| BT2-62 | 7.0 | 1561.6 | 2.1 | 8.4 | 0.6 | 49.1 | 306.9 | 12168.0 | 1.1 | 334.2 | 39.2 | 19.0 | 123.4 | 283.9 |
| BT2-63 | 6.8 | 1772.4 | 2.1 | 53.0 | 25.9 | 208.7 | 419.8 | 11825.6 | 1.4 | 533.7 | 63.9 | 23.7 | 161.3 | 437.0 |
| BT2-64 | 8.4 | 734.9 | 2.0 | 17.3 | 2.8 | 35.9 | 177.7 | 11237.8 | 1.3 | 359.6 | 24.4 | 17.2 | 310.4 | 949.7 |
| BT2-65 | 5.7 | 853.6 | 2.7 | 3.5 | 0.1 | 18.3 | 240.0 | 10898.6 | 1.2 | 571.0 | 68.7 | 26.5 | 170.7 | 480.3 |
| ~~BT2-66~~ | ~~12.8~~ | ~~930.7~~ | ~~1.4~~ | ~~4.8~~ | ~~1.7~~ | ~~37.4~~ | ~~168.1~~ | ~~13501.0~~ | ~~1.0~~ | ~~820.8~~ | ~~109.7~~ | ~~16.1~~ | ~~96.0~~ | ~~723.1~~ |
| BT2-67 | 3.9 | 1482.7 | 1.7 | 5.1 | 0.8 | 25.7 | 513.0 | 11135.3 | 0.7 | 79.0 | 4.9 | 5.0 | 125.7 | 290.5 |
| BT2-68 | 3.9 | 646.6 | 0.9 | 3.4 | 1.1 | 16.4 | 190.9 | 9403.8 | 0.4 | 152.6 | 30.1 | 9.4 | 38.1 | 77.1 |
| BT2-69 | 4.0 | 2661.0 | 3.5 | 9.2 | 2.3 | 50.9 | 899.0 | 10697.4 | 1.2 | 117.3 | 7.2 | 9.1 | 235.4 | 432.5 |
| BT2-70 | 13.4 | 1002.3 | 2.1 | 5.1 | 0.5 | 22.3 | 295.5 | 10087.2 | 0.9 | 220.2 | 26.5 | 15.3 | 94.0 | 179.7 |
| BT2-71 | 3.1 | 838.8 | 1.9 | 2.3 | 0.2 | 13.9 | 305.0 | 9729.5 | 0.6 | 94.7 | 5.9 | 6.3 | 171.8 | 357.5 |
| BT2-72 | 3.4 | 1038.5 | 28.5 | 3.3 | 0.2 | 20.9 | 239.6 | 10934.3 | 9.0 | 480.4 | 66.8 | 27.6 | 173.7 | 345.2 |
| BT2-73 | 7.9 | 1090.8 | 1.7 | 5.1 | 0.8 | 24.1 | 302.3 | 9565.1 | 1.0 | 332.4 | 39.1 | 24.0 | 154.2 | 271.6 |
| BT2-74 | 10.9 | 1595.1 | 1.5 | 5.4 | 0.3 | 30.8 | 508.2 | 10251.5 | 1.0 | 395.1 | 40.7 | 17.5 | 124.8 | 398.6 |
| BT2-75 | 6.6 | 528.7 | 0.7 | 3.6 | 0.5 | 14.6 | 139.1 | 10361.2 | 0.4 | 260.7 | 39.0 | 10.3 | 56.6 | 183.1 |
| BT2-76 | 6.6 | 1704.0 | 1.3 | 5.5 | 1.0 | 30.7 | 552.0 | 10386.0 | 0.6 | 83.7 | 5.1 | 9.0 | 243.8 | 316.9 |
| BT2-77 | 13.8 | 307.5 | 0.6 | 2.0 | 0.3 | 8.2 | 108.1 | 13284.3 | 0.8 | 2226.9 | 368.4 | 9.8 | 47.4 | 1379.5 |
| BT2-78 | 4.5 | 1830.4 | 1.2 | 4.7 | 1.2 | 24.4 | 768.2 | 9252.8 | 0.5 | 171.1 | 11.2 | 13.6 | 319.3 | 566.9 |
| BT2-79 | 8.1 | 763.4 | 1.9 | 4.2 | 0.2 | 18.4 | 225.0 | 11155.7 | 0.8 | 643.2 | 123.6 | 41.4 | 176.0 | 345.4 |
| BT2-80 | 5.8 | 1836.3 | 6.9 | 9.9 | 2.6 | 51.4 | 521.7 | 8846.4 | 1.7 | 1239.2 | 161.7 | 56.3 | 334.8 | 933.5 |
| BT2-81 | 9.4 | 1619.7 | 1.2 | 5.1 | 1.0 | 29.0 | 536.6 | 10026.2 | 0.4 | 39.1 | 2.4 | 2.9 | 73.8 | 142.1 |
| BT2-82 | 7.7 | 820.6 | 3.1 | 6.2 | 1.9 | 20.5 | 279.4 | 11532.7 | 1.0 | 235.9 | 15.1 | 19.3 | 393.1 | 677.2 |
| BT2-83 | 5.4 | 1880.0 | 7.3 | 6.7 | 1.0 | 35.2 | 631.2 | 11269.2 | 3.8 | 824.5 | 84.8 | 114.0 | 874.1 | 827.3 |
| BT2-84 | 9.7 | 2147.7 | 4.4 | 9.3 | 2.5 | 41.4 | 688.8 | 11930.4 | 2.4 | 519.2 | 52.1 | 23.3 | 192.8 | 542.9 |
| BT2-85 | 7.1 | 1261.4 | 1.7 | 36.4 | 2.3 | 47.7 | 412.6 | 10629.5 | 0.8 | 69.0 | 4.5 | 6.6 | 169.4 | 249.5 |
| BT3-1 | 4.5 | 1260.9 | 2.9 | 18.2 | 5.6 | 36.4 | 452.3 | 10504.0 | 1.4 | 90.6 | 6.3 | 6.4 | 202.2 | 374.2 |
| BT3-2 | 9.0 | 1490.2 | 5.8 | 4.3 | 0.4 | 24.4 | 566.0 | 11996.5 | 2.2 | 204.5 | 16.8 | 17.3 | 203.6 | 332.4 |
| BT3-3 | 10.9 | 323.3 | 0.6 | 1.2 | 0.1 | 6.5 | 100.4 | 10474.9 | 0.3 | 74.4 | 10.5 | 4.6 | 24.6 | 53.5 |
| BT3-4 | 8.5 | 916.3 | 2.3 | 2.7 | 0.2 | 17.1 | 272.6 | 10921.8 | 1.0 | 198.5 | 17.6 | 11.4 | 108.1 | 247.2 |
| BT3-5 | 2.3 | 1142.1 | 4.7 | 15.0 | 1.1 | 27.4 | 380.7 | 12213.6 | 1.7 | 135.5 | 8.6 | 6.2 | 158.2 | 495.2 |
| BT3-6 | 5.2 | 1209.9 | 4.5 | 3.5 | 0.8 | 22.1 | 425.4 | 11132.2 | 2.2 | 933.2 | 123.5 | 57.6 | 328.0 | 698.0 |
| BT3-7 | 8.6 | 1362.6 | 1.4 | 2.6 | 0.1 | 18.7 | 454.2 | 12079.9 | 0.7 | 382.9 | 37.8 | 15.5 | 113.9 | 393.8 |
| BT3-8 | 1.4 | 395.3 | 1.7 | 0.7 | 0.2 | 4.5 | 171.5 | 11600.2 | 0.9 | 225.8 | 19.6 | 3.2 | 32.9 | 308.9 |
| BT3-9 | 7.0 | 544.6 | 1.4 | 3.1 | 1.0 | 14.1 | 171.4 | 8387.4 | 0.4 | 139.4 | 17.4 | 7.9 | 46.8 | 110.8 |
| BT3-10 | 5.6 | 813.3 | 3.2 | 2.6 | 0.3 | 13.7 | 253.9 | 10663.7 | 1.3 | 291.5 | 34.7 | 24.5 | 150.6 | 240.4 |
| BT3-11 | 8.1 | 918.0 | 1.7 | 4.8 | 0.5 | 21.6 | 246.9 | 8888.6 | 0.6 | 327.3 | 63.7 | 30.5 | 127.3 | 169.1 |
| BT3-12 | 18.7 | 635.4 | 1.8 | 2.4 | 0.0 | 12.6 | 219.4 | 11892.1 | 0.4 | 278.9 | 36.9 | 22.7 | 131.6 | 203.6 |
| BT3-13 | 3.8 | 1634.0 | 2.6 | 3.0 | 0.8 | 21.3 | 629.0 | 8942.4 | 0.7 | 162.5 | 10.2 | 11.3 | 264.0 | 555.9 |
| BT3-14 | 5.2 | 2458.8 | 1.9 | 10.3 | 2.8 | 54.1 | 775.0 | 9052.2 | 0.5 | 107.1 | 6.4 | 10.6 | 275.9 | 394.0 |
| BT3-15 | 9.0 | 386.2 | 1.3 | 1.5 | 0.1 | 8.2 | 123.4 | 10722.6 | 0.6 | 351.2 | 61.6 | 16.0 | 71.0 | 197.3 |
| BT3-16 | 4.2 | 455.2 | 1.1 | 1.0 | 0.3 | 7.6 | 155.6 | 10757.8 | 0.5 | 187.9 | 43.4 | 11.3 | 43.7 | 93.5 |
| BT3-17 | 7.6 | 1263.3 | 1.5 | 3.4 | 0.6 | 21.4 | 421.5 | 10217.3 | 0.6 | 149.2 | 15.2 | 15.6 | 119.2 | 149.3 |
| BT3-18 | 374.1 | 1777.2 | 3.3 | 17.4 | 3.4 | 49.6 | 526.3 | 9183.3 | 1.5 | 145.9 | 11.5 | 17.2 | 211.1 | 318.4 |
| BT3-19 | 13.8 | 813.3 | 1.0 | 2.8 | 0.3 | 16.2 | 237.1 | 9918.0 | 0.5 | 214.8 | 25.8 | 10.8 | 67.2 | 178.0 |
| BT3-20 | 0.9 | 169.7 | 0.2 | 1.4 | 0.5 | 9.6 | 14.1 | 12770.6 | 0.2 | 725.6 | 130.0 | 2.0 | 8.4 | 403.2 |
| BT3-21 | 17.6 | 877.4 | 1.6 | 3.7 | 0.9 | 18.5 | 269.6 | 9286.0 | 0.5 | 71.4 | 6.3 | 7.5 | 73.7 | 95.6 |
| BT3-22 | 6.5 | 2140.8 | 16.9 | 7.3 | 0.8 | 36.3 | 673.0 | 10600.7 | 6.2 | 1110.0 | 110.4 | 125.1 | 961.4 | 1151.6 |
| BT3-23 | 12.6 | 49.0 | 0.4 | 0.5 | 0.2 | 2.1 | 7.9 | 10120.3 | 0.2 | 45.1 | 2.9 | 2.3 | 46.0 | 127.3 |
| BT3-24 | 5.2 | 1064.4 | 2.5 | 5.0 | 0.2 | 30.0 | 196.4 | 11995.7 | 1.6 | 456.4 | 58.3 | 23.0 | 137.3 | 355.9 |
| BT3-25 | 23.2 | 832.9 | 1.5 | 5.7 | 0.7 | 21.8 | 263.9 | 10397.1 | 0.5 | 357.7 | 70.1 | 26.7 | 114.8 | 192.3 |
| BT3-26 | 5.1 | 1649.4 | 1.4 | 5.0 | 0.9 | 27.7 | 557.3 | 9999.1 | 0.6 | 101.7 | 6.4 | 10.6 | 272.2 | 374.2 |
| BT3-27 | 13.1 | 1571.4 | 3.6 | 10.7 | 3.7 | 43.9 | 451.1 | 8923.2 | 1.0 | 267.7 | 17.6 | 43.1 | 836.3 | 739.8 |
| BT3-28 | 3.6 | 2575.3 | 3.8 | 6.0 | 0.8 | 35.3 | 914.4 | 11327.4 | 2.4 | 559.7 | 34.7 | 16.9 | 351.9 | 1847.2 |
| BT3-29 | 4.5 | 2516.3 | 2.0 | 13.9 | 2.2 | 65.5 | 668.3 | 8075.1 | 0.6 | 220.2 | 13.9 | 19.8 | 490.1 | 791.1 |
| BT3-30 | 9.7 | 762.9 | 0.8 | 2.5 | 0.4 | 12.1 | 271.2 | 9967.9 | 0.4 | 56.5 | 3.4 | 4.8 | 110.3 | 182.4 |
| BT3-31 | 15.0 | 1536.3 | 1.1 | 6.1 | 0.2 | 31.9 | 457.4 | 10603.7 | 0.5 | 91.4 | 5.7 | 4.9 | 128.0 | 328.4 |
| BT3-32 | 10.2 | 901.8 | 6.5 | 2.4 | 0.4 | 16.5 | 283.8 | 10118.1 | 2.2 | 174.0 | 21.3 | 16.0 | 101.1 | 148.2 |
| BT3-33 | 8.5 | 634.9 | 2.7 | 2.5 | 0.4 | 13.5 | 209.0 | 9509.9 | 1.1 | 262.8 | 29.0 | 23.4 | 148.7 | 228.4 |
| BT3-34 | 10.4 | 493.2 | 3.2 | 1.8 | 0.2 | 8.8 | 184.5 | 11095.9 | 1.4 | 98.4 | 9.1 | 19.3 | 177.0 | 130.2 |
| BT3-35 | 8.3 | 868.5 | 8.7 | 3.2 | 0.8 | 17.3 | 283.5 | 9177.3 | 2.5 | 122.5 | 7.8 | 18.0 | 411.6 | 416.8 |
| BT3-36 | 5.8 | 1076.7 | 4.9 | 3.2 | 0.1 | 19.7 | 337.3 | 12741.8 | 2.4 | 379.2 | 33.6 | 34.7 | 329.4 | 506.7 |
| BT3-37 | 11.7 | 764.5 | 2.7 | 9.0 | 2.3 | 32.4 | 142.8 | 9822.6 | 1.4 | 249.4 | 15.2 | 29.5 | 680.9 | 811.6 |
| BT3-38 | 12.7 | 986.7 | 3.0 | 3.3 | 0.3 | 19.1 | 309.1 | 9273.7 | 1.2 | 379.3 | 68.9 | 24.0 | 104.0 | 213.2 |
| BT3-39 | 14.9 | 478.3 | 4.9 | 2.3 | 0.9 | 9.6 | 176.4 | 9247.3 | 3.1 | 32.2 | 2.7 | 3.3 | 32.3 | 44.9 |
| BT3-40 | 9.2 | 463.6 | 0.5 | 1.7 | 0.4 | 8.4 | 145.2 | 9379.9 | 0.2 | 180.7 | 21.4 | 19.1 | 129.0 | 165.3 |
| BT3-41 | 4.0 | 488.6 | 0.7 | 0.9 | 0.2 | 5.8 | 241.9 | 10243.9 | 0.3 | 60.1 | 3.7 | 3.3 | 70.1 | 194.9 |
| BT3-42 | 6.6 | 1311.3 | 2.0 | 6.7 | 0.2 | 32.1 | 345.5 | 10015.9 | 1.0 | 1069.6 | 205.2 | 59.1 | 238.2 | 557.7 |
| BT3-43 | 7.2 | 739.1 | 1.7 | 2.3 | 0.5 | 13.3 | 247.7 | 10606.3 | 1.0 | 110.1 | 6.8 | 8.4 | 206.7 | 381.4 |
| BT3-44 | 6.0 | 605.0 | 2.2 | 2.9 | 0.2 | 15.1 | 174.2 | 10950.0 | 1.0 | 212.1 | 13.9 | 11.8 | 210.2 | 554.0 |
| BT3-45 | 8.8 | 703.6 | 1.5 | 4.5 | 0.7 | 15.8 | 225.2 | 10666.2 | 1.1 | 183.9 | 11.6 | 16.4 | 370.1 | 590.4 |
| BT3-46 | 8.1 | 1400.2 | 2.7 | 5.5 | 2.1 | 30.6 | 436.9 | 8579.3 | 0.8 | 1440.7 | 393.6 | 116.3 | 378.5 | 593.7 |
| BT3-47 | 11.9 | 756.7 | 1.1 | 2.4 | 0.2 | 12.2 | 240.3 | 10383.6 | 0.6 | 212.0 | 25.8 | 13.5 | 81.4 | 174.5 |
| BT3-48 | 5.0 | 1589.0 | 1.5 | 4.2 | 0.2 | 24.6 | 482.6 | 11650.1 | 1.2 | 330.1 | 26.0 | 7.2 | 84.7 | 553.4 |
| BT3-49 | 7.6 | 289.7 | 0.5 | 1.2 | 0.6 | 6.2 | 124.2 | 8228.0 | 0.2 | 73.7 | 7.5 | 7.8 | 54.3 | 70.5 |
| BT3-50 | 7.4 | 548.1 | 2.0 | 2.1 | 0.2 | 11.7 | 164.7 | 10097.3 | 0.9 | 358.0 | 40.7 | 20.2 | 125.6 | 299.6 |
| BT3-51 | 7.3 | 726.2 | 1.6 | 3.3 | 0.7 | 16.3 | 228.3 | 9195.6 | 0.6 | 94.0 | 7.7 | 10.4 | 106.4 | 132.3 |
| BT3-52 | 4.9 | 435.7 | 6.6 | 0.5 | 0.2 | 5.3 | 104.2 | 10873.2 | 5.5 | 1230.2 | 218.7 | 8.2 | 40.0 | 757.8 |
| BT3-53 | 6.4 | 809.6 | 2.8 | 4.1 | 0.9 | 23.9 | 221.3 | 8265.9 | 0.7 | 23.3 | 1.8 | 2.2 | 27.2 | 41.3 |
| BT3-54 | 6.5 | 916.6 | 2.1 | 7.4 | 0.2 | 23.6 | 298.5 | 10849.5 | 0.9 | 517.3 | 63.7 | 11.3 | 68.6 | 431.5 |
| BT3-55 | 8.8 | 1013.7 | 7.6 | 2.7 | 1.2 | 20.1 | 262.7 | 12530.0 | 5.6 | 938.2 | 229.2 | 7.8 | 29.9 | 461.9 |
| BT3-56 | 5.6 | 692.0 | 3.2 | 1.3 | 0.1 | 9.8 | 274.3 | 11308.6 | 1.7 | 487.8 | 70.5 | 25.3 | 131.7 | 335.8 |
| BT3-57 | 6.2 | 288.1 | 0.5 | 1.7 | 0.7 | 7.0 | 103.4 | 9283.6 | 0.2 | 237.6 | 47.7 | 24.4 | 99.2 | 122.0 |
| BT3-58 | 26.3 | 590.3 | 2.9 | 2.1 | 0.2 | 11.2 | 203.3 | 11581.4 | 6.2 | 661.8 | 83.3 | 18.1 | 105.5 | 522.6 |
| BT3-59 | 72.3 | 1095.1 | 1.7 | 5.3 | 0.4 | 25.9 | 326.4 | 8794.9 | 0.5 | 55.9 | 4.0 | 4.9 | 106.8 | 200.1 |
| BT3-60 | 5.8 | 576.9 | 1.0 | 1.6 | 0.2 | 9.3 | 198.3 | 9403.0 | 0.7 | 90.9 | 7.9 | 6.1 | 59.9 | 136.6 |
| BT3-61 | 7.8 | 763.0 | 1.1 | 2.2 | 0.9 | 12.4 | 308.7 | 8775.5 | 0.3 | 43.4 | 2.8 | 4.0 | 93.2 | 149.4 |
| BT3-62 | 6.0 | 695.7 | 1.0 | 3.3 | 0.7 | 17.1 | 190.2 | 9668.4 | 0.6 | 188.6 | 20.4 | 13.0 | 92.6 | 168.6 |
| BT3-63 | 11.3 | 570.3 | 1.0 | 2.0 | 0.2 | 12.8 | 171.6 | 9350.6 | 0.5 | 345.6 | 61.7 | 19.5 | 88.6 | 205.8 |
| BT3-64 | 2.1 | 409.5 | 0.8 | 0.9 | 0.2 | 6.2 | 173.0 | 10918.5 | 0.7 | 177.1 | 10.9 | 9.2 | 219.6 | 593.7 |
| BT3-65 | 8.8 | 1582.5 | 13.4 | 4.3 | 0.3 | 24.5 | 473.1 | 10626.4 | 5.2 | 1457.4 | 304.7 | 60.6 | 258.0 | 747.0 |
| BT3-66 | 10.8 | 974.1 | 1.8 | 3.8 | 0.5 | 21.7 | 322.3 | 11156.8 | 0.8 | 197.8 | 21.9 | 23.1 | 157.6 | 186.5 |
| BT3-67 | 10.9 | 454.3 | 1.6 | 1.2 | 0.3 | 6.4 | 287.6 | 11063.9 | 0.7 | 402.7 | 78.4 | 11.6 | 38.7 | 199.6 |
| BT3-68 | 25.5 | 1921.7 | 1.0 | 13.5 | 0.5 | 55.7 | 514.6 | 9535.1 | 0.4 | 80.9 | 4.9 | 7.7 | 197.1 | 300.9 |
| BT3-69 | 4.8 | 537.2 | 1.4 | 1.5 | 0.1 | 8.7 | 186.6 | 11906.7 | 0.8 | 281.8 | 23.1 | 10.3 | 111.4 | 418.1 |
| BT3-70 | 9.1 | 1629.2 | 3.4 | 3.4 | 1.0 | 21.9 | 621.7 | 8953.0 | 1.0 | 105.1 | 6.4 | 10.4 | 264.7 | 383.3 |
| BT3-71 | 6.7 | 713.2 | 0.9 | 1.8 | 0.8 | 10.0 | 314.8 | 9028.3 | 0.2 | 66.1 | 4.1 | 6.2 | 151.2 | 230.4 |
| BT3-72 | 4.0 | 1770.1 | 2.6 | 7.5 | 1.2 | 36.3 | 546.9 | 9830.3 | 1.1 | 187.4 | 11.7 | 14.9 | 343.3 | 645.4 |
| BT3-73 | 15.3 | 623.5 | 0.8 | 11.1 | 3.4 | 32.4 | 140.0 | 8828.0 | 0.2 | 24.8 | 1.6 | 5.0 | 104.9 | 74.2 |
| BT3-74 | 14.6 | 1277.9 | 1.0 | 4.9 | 0.1 | 26.7 | 396.4 | 10672.0 | 0.4 | 73.9 | 4.4 | 4.2 | 106.4 | 266.2 |
| BT3-75 | 7.0 | 2106.5 | 0.9 | 2.8 | 0.0 | 23.5 | 683.9 | 12436.5 | 0.6 | 470.0 | 46.1 | 10.4 | 79.4 | 487.8 |
| BT3-76 | 5.0 | 1304.0 | 2.4 | 2.4 | 0.4 | 17.9 | 487.6 | 9334.4 | 0.7 | 124.1 | 7.8 | 8.6 | 189.4 | 409.8 |
| BT3-77 | 5.4 | 1212.0 | 4.1 | 2.0 | 0.7 | 14.1 | 534.6 | 9029.2 | 1.5 | 175.5 | 10.8 | 15.2 | 376.6 | 631.0 |
| BT3-78 | 14.2 | 1349.9 | 6.0 | 4.0 | 0.4 | 22.7 | 479.2 | 11740.4 | 2.7 | 298.3 | 29.6 | 29.0 | 214.6 | 309.7 |
| BT3-79 | 4.1 | 1212.8 | 0.8 | 4.7 | 0.2 | 26.0 | 350.3 | 12413.9 | 0.9 | 763.9 | 90.8 | 12.7 | 79.4 | 654.7 |
| BT3-80 | 12.2 | 1159.0 | 2.9 | 11.0 | 2.9 | 40.2 | 312.6 | 9344.6 | 0.8 | 320.9 | 31.5 | 34.2 | 266.4 | 340.0 |
| BT3-81 | 7.0 | 782.5 | 1.1 | 1.9 | 0.2 | 13.1 | 261.1 | 10980.0 | 0.7 | 162.1 | 18.6 | 9.0 | 57.5 | 146.3 |
| BT3-82 | 4.1 | 210.8 | 2.0 | 1.3 | 0.6 | 5.6 | 60.5 | 8099.9 | 1.0 | 42.2 | 2.7 | 1.2 | 22.5 | 116.0 |
| BT3-83 | 11.5 | 794.7 | 3.1 | 2.4 | 0.2 | 15.5 | 248.1 | 10940.8 | 1.2 | 284.0 | 34.1 | 21.3 | 130.4 | 228.9 |
| BT3-84 | 11.0 | 673.7 | 3.8 | 2.5 | 0.2 | 13.4 | 198.4 | 9732.4 | 1.4 | 255.5 | 31.5 | 13.1 | 78.9 | 212.7 |
| BT3-85 | 11.2 | 1647.2 | 3.6 | 5.3 | 0.8 | 27.1 | 570.6 | 9546.5 | 0.9 | 105.9 | 10.3 | 12.4 | 103.2 | 117.4 |
| BT5-1 | 24.4 | 1776.6 | 11.6 | 8.5 | 1.8 | 44.7 | 528.9 | 9178.8 | 3.7 | 571.3 | 45.1 | 33.6 | 425.1 | 1103.5 |
| BT5-2 | 7.7 | 1123.3 | 1.7 | 3.7 | 1.3 | 23.1 | 242.1 | 11406.6 | 0.6 | 4.5 | 0.3 | 3.4 | 69.6 | 13.1 |
| BT5-3 | 11.9 | 1588.3 | 3.1 | 15.0 | 1.1 | 53.0 | 416.5 | 9318.7 | 1.0 | 209.0 | 24.5 | 29.7 | 187.2 | 176.1 |
| BT5-4 | 21.0 | 450.2 | 1.1 | 5.5 | 1.7 | 18.8 | 111.0 | 9523.5 | 0.5 | 39.3 | 2.6 | 9.7 | 180.3 | 107.0 |
| BT5-5 | 12.2 | 1386.9 | 0.5 | 4.9 | 0.6 | 28.6 | 388.6 | 10109.5 | 0.2 | 53.0 | 3.2 | 7.2 | 175.3 | 180.3 |
| BT5-6 | 9.2 | 1803.8 | 4.5 | 6.4 | 0.6 | 35.5 | 544.0 | 10362.4 | 1.5 | 263.0 | 16.3 | 13.0 | 300.1 | 859.4 |
| BT5-7 | 16.9 | 1737.6 | 2.7 | 3.3 | 0.0 | 23.2 | 570.6 | 11790.6 | 1.6 | 710.9 | 71.7 | 28.7 | 216.3 | 741.7 |
| BT5-8 | 7.9 | 890.4 | 1.2 | 1.7 | 0.5 | 10.0 | 432.0 | 8860.4 | 0.5 | 106.0 | 6.6 | 6.8 | 153.3 | 350.5 |
| BT5-9 | 16.6 | 722.3 | 1.1 | 8.1 | 2.5 | 29.6 | 172.2 | 8700.3 | 0.3 | 17.6 | 1.3 | 8.1 | 160.1 | 53.7 |
| BT5-10 | 7.0 | 694.3 | 3.1 | 1.7 | 0.2 | 11.8 | 230.7 | 10121.1 | 1.2 | 319.5 | 54.9 | 16.7 | 76.2 | 189.0 |
| BT5-11 | 11.7 | 648.2 | 1.7 | 3.4 | 0.4 | 14.3 | 199.4 | 9991.4 | 0.7 | 133.5 | 14.5 | 10.4 | 70.1 | 120.5 |
| BT5-12 | 6.1 | 476.3 | 0.8 | 1.3 | 0.3 | 6.4 | 208.5 | 9948.4 | 0.4 | 44.2 | 2.7 | 4.2 | 95.1 | 151.5 |
| BT5-13 | 3.1 | 2012.9 | 2.0 | 69.3 | 2.8 | 102.3 | 529.2 | 9855.3 | 0.7 | 81.7 | 5.1 | 6.5 | 157.1 | 293.7 |
| BT5-14 | 12.0 | 600.0 | 1.3 | 2.2 | 0.3 | 11.4 | 190.9 | 9351.3 | 0.5 | 270.0 | 49.6 | 17.4 | 74.0 | 149.4 |
| BT5-15 | 4.7 | 876.2 | 3.2 | 1.8 | 0.3 | 13.8 | 315.0 | 10114.7 | 1.9 | 228.0 | 17.7 | 11.1 | 133.6 | 393.3 |
| BT5-16 | 3.0 | 377.8 | 2.3 | 0.9 | 0.4 | 6.1 | 157.9 | 11683.3 | 1.2 | 160.2 | 10.1 | 8.8 | 199.1 | 535.8 |
| BT5-17 | 2.7 | 711.8 | 2.7 | 2.5 | 0.8 | 14.2 | 269.0 | 10151.4 | 0.8 | 760.6 | 154.3 | 83.9 | 329.0 | 386.3 |
| BT5-18 | 5.3 | 1250.2 | 4.6 | 7.2 | 0.2 | 32.8 | 347.0 | 8910.2 | 1.4 | 259.9 | 29.1 | 34.5 | 229.9 | 229.4 |
| BT5-19 | 3.3 | 109.1 | 3.7 | 0.4 | 0.4 | 3.4 | 14.2 | 11621.1 | 1.3 | 777.8 | 97.3 | 1.3 | 7.6 | 629.5 |
| BT5-20 | 15.2 | 2575.3 | 1.9 | 6.3 | 0.2 | 41.1 | 834.2 | 10543.7 | 0.9 | 151.1 | 9.6 | 6.1 | 147.9 | 560.0 |
| BT5-21 | 14.9 | 799.5 | 4.7 | 2.6 | 0.7 | 14.2 | 270.1 | 10042.6 | 1.9 | 181.1 | 19.4 | 20.5 | 146.1 | 174.5 |
| BT5-22 | 4.5 | 613.0 | 0.4 | 2.7 | 0.9 | 12.6 | 235.3 | 10170.9 | 0.1 | 124.4 | 11.1 | 9.8 | 86.3 | 153.0 |
| BT5-23 | 268.7 | 919.9 | 3.4 | 3.5 | 0.7 | 13.9 | 368.1 | 9209.5 | 1.4 | 333.4 | 24.7 | 24.1 | 491.6 | 1229.6 |
| BT5-24 | 5.7 | 1022.4 | 2.0 | 4.1 | 0.6 | 17.7 | 331.7 | 9858.8 | 0.6 | 208.8 | 19.9 | 21.5 | 179.4 | 233.6 |
| BT5-25 | 10.4 | 1755.6 | 2.1 | 7.1 | 0.4 | 34.5 | 523.4 | 11307.7 | 1.2 | 325.1 | 32.1 | 26.5 | 201.0 | 336.1 |
| BT5-26 | 10.8 | 1141.2 | 1.7 | 4.5 | 0.1 | 22.8 | 330.1 | 9934.6 | 0.8 | 220.4 | 14.9 | 6.7 | 109.8 | 520.2 |
| BT5-27 | 4.9 | 977.2 | 3.8 | 2.6 | 0.4 | 18.7 | 294.3 | 9882.9 | 1.5 | 268.3 | 31.2 | 15.3 | 93.4 | 221.9 |
| BT5-28 | 6.3 | 1481.8 | 6.4 | 4.8 | 0.6 | 29.2 | 428.1 | 9365.0 | 2.5 | 2206.6 | 432.0 | 151.3 | 630.7 | 1203.5 |
| BT5-29 | 8.3 | 817.3 | 1.0 | 2.8 | 0.1 | 13.6 | 248.3 | 12489.6 | 0.6 | 274.4 | 31.6 | 10.4 | 64.0 | 236.6 |
| BT5-30 | 6.0 | 1244.1 | 8.5 | 4.4 | 0.2 | 23.4 | 402.1 | 11050.8 | 2.5 | 218.7 | 22.0 | 13.6 | 102.8 | 226.1 |
| BT5-31 | 21.3 | 1570.2 | 0.8 | 11.2 | 0.3 | 48.3 | 398.7 | 10447.9 | 0.2 | 190.3 | 28.4 | 24.5 | 126.3 | 125.8 |
| BT5-32 | 9.5 | 403.2 | 1.0 | 1.9 | 0.2 | 9.9 | 164.3 | 12661.2 | 1.0 | 815.6 | 126.2 | 10.1 | 52.3 | 531.5 |
| BT5-33 | 5.2 | 833.6 | 1.0 | 2.9 | 0.9 | 13.5 | 360.0 | 10134.6 | 0.4 | 88.7 | 5.5 | 10.0 | 244.9 | 295.7 |
| BT5-34 | 16.2 | 1973.3 | 1.4 | 4.2 | 0.1 | 29.4 | 638.1 | 11668.5 | 0.6 | 209.9 | 21.2 | 11.5 | 89.3 | 219.8 |
| BT5-35 | 8.6 | 810.4 | 2.2 | 3.8 | 0.1 | 19.1 | 234.9 | 11353.0 | 1.1 | 762.6 | 118.9 | 32.8 | 174.0 | 508.8 |
| BT5-36 | 6.1 | 1391.1 | 1.8 | 4.9 | 1.8 | 25.4 | 491.6 | 9641.2 | 0.5 | 186.5 | 15.4 | 19.7 | 216.1 | 284.5 |
| BT5-37 | 6.2 | 939.4 | 1.8 | 2.8 | 0.8 | 13.7 | 370.7 | 10611.9 | 0.9 | 323.4 | 33.9 | 38.7 | 279.8 | 321.0 |
| BT5-38 | 1.7 | 1390.7 | 5.3 | 2.4 | 0.2 | 17.3 | 518.2 | 12235.2 | 2.5 | 203.1 | 12.2 | 11.9 | 302.1 | 725.7 |
| BT5-39 | 17.5 | 570.7 | 1.1 | 3.4 | 0.5 | 11.9 | 190.2 | 9577.5 | 0.5 | 145.2 | 12.2 | 8.9 | 90.7 | 202.2 |
| BT5-40 | 12.4 | 1132.7 | 2.0 | 5.7 | 0.5 | 25.7 | 312.2 | 9761.8 | 0.9 | 144.7 | 16.8 | 14.9 | 99.7 | 125.6 |
| BT5-41 | 4.1 | 2065.0 | 3.7 | 15.4 | 2.4 | 71.4 | 422.2 | 7325.6 | 1.2 | 209.2 | 40.0 | 18.2 | 78.8 | 115.8 |
| BT5-42 | 13.2 | 883.0 | 2.4 | 3.1 | 0.9 | 19.3 | 263.2 | 9242.6 | 1.0 | 84.0 | 5.6 | 5.0 | 90.1 | 212.0 |
| BT5-43 | 5.6 | 961.7 | 2.4 | 4.9 | 0.5 | 22.2 | 288.4 | 9908.9 | 1.0 | 646.3 | 124.6 | 48.5 | 195.4 | 336.5 |
| BT5-44 | 5.8 | 129.3 | 0.9 | 0.3 | 0.1 | 1.2 | 65.7 | 10893.3 | 0.5 | 550.1 | 107.5 | 1.0 | 4.5 | 297.3 |
| BT5-45 | 3.6 | 1373.7 | 2.6 | 13.0 | 4.9 | 50.8 | 350.8 | 9120.8 | 0.8 | 88.8 | 5.9 | 20.3 | 376.2 | 232.7 |
| BT5-46 | 9.7 | 882.8 | 1.2 | 3.7 | 1.5 | 15.6 | 346.7 | 10064.7 | 0.6 | 185.4 | 17.4 | 34.9 | 294.1 | 210.2 |
| BT5-47 | 16.0 | 1701.7 | 4.0 | 7.4 | 2.4 | 33.2 | 546.2 | 8422.5 | 1.1 | 86.4 | 5.2 | 11.5 | 294.4 | 319.0 |
| BT5-48 | 5.6 | 514.1 | 1.8 | 2.7 | 0.3 | 12.7 | 162.3 | 9921.9 | 0.8 | 242.8 | 35.5 | 16.6 | 125.9 | 248.3 |
| BT5-49 | 10.5 | 1067.1 | 1.3 | 3.0 | 0.1 | 18.1 | 314.9 | 10958.9 | 0.8 | 451.7 | 44.3 | 23.8 | 183.2 | 466.9 |
| BT5-50 | 29.3 | 161.9 | 0.1 | 6.8 | 0.2 | 16.2 | 21.4 | 11683.5 | 0.0 | 95.7 | 7.1 | 3.0 | 43.2 | 256.3 |
| BT5-51 | 4.9 | 3472.9 | 3.0 | 5.7 | 0.2 | 44.0 | 1319.2 | 11702.8 | 1.9 | 394.1 | 23.6 | 9.5 | 232.3 | 1391.6 |
| BT5-52 | 16.4 | 2300.8 | 1.6 | 14.5 | 2.7 | 58.9 | 626.2 | 9034.8 | 0.6 | 95.7 | 8.3 | 11.9 | 116.1 | 127.7 |
| ~~BT5-53~~ | ~~4.2~~ | ~~1365.9~~ | ~~2.3~~ | ~~4.3~~ | ~~0.5~~ | ~~19.0~~ | ~~518.5~~ | ~~9120.8~~ | ~~1.1~~ | ~~123.5~~ | ~~14.4~~ | ~~17.3~~ | ~~221.9~~ | ~~382.2~~ |
| BT5-54 | 8.5 | 1151.8 | 2.0 | 11.7 | 2.5 | 47.1 | 239.3 | 9101.7 | 0.5 | 85.1 | 11.2 | 13.9 | 80.8 | 63.0 |
| BT5-55 | 14.6 | 1474.4 | 1.0 | 6.4 | 0.2 | 31.0 | 457.2 | 10111.0 | 0.4 | 145.7 | 9.9 | 6.4 | 102.6 | 331.0 |
| BT5-56 | 6.6 | 328.0 | 1.1 | 1.8 | 1.0 | 8.2 | 48.0 | 9087.4 | 0.6 | 63.1 | 4.4 | 0.9 | 13.0 | 174.3 |
| BT5-57 | 14.1 | 797.1 | 1.8 | 6.2 | 1.1 | 24.0 | 194.5 | 9779.1 | 0.7 | 115.1 | 9.5 | 8.7 | 82.4 | 153.0 |
| BT5-58 | 4.8 | 1466.1 | 1.4 | 4.1 | 0.0 | 25.3 | 430.7 | 11356.5 | 0.7 | 511.4 | 71.2 | 27.7 | 142.2 | 345.8 |
| BT5-59 | 10.8 | 1461.7 | 3.4 | 3.8 | 1.7 | 23.4 | 533.2 | 9061.4 | 1.0 | 187.8 | 11.8 | 18.8 | 460.5 | 672.6 |
| BT5-60 | 7.6 | 1509.4 | 0.9 | 4.8 | 0.2 | 30.1 | 382.6 | 11638.5 | 0.7 | 860.3 | 123.6 | 17.7 | 103.4 | 648.8 |
| BT5-61 | 7.7 | 1022.0 | 11.4 | 3.9 | 0.7 | 17.4 | 321.6 | 9890.6 | 3.3 | 121.8 | 7.6 | 14.8 | 339.9 | 402.6 |
| BT5-62 | 2.1 | 2344.2 | 5.4 | 1.7 | 0.2 | 15.5 | 1204.9 | 14803.2 | 4.2 | 1277.0 | 128.1 | 12.8 | 92.0 | 1282.8 |
| BT5-63 | 12.4 | 1687.8 | 0.8 | 8.1 | 1.5 | 40.2 | 489.0 | 10190.7 | 0.5 | 256.7 | 30.6 | 21.2 | 130.6 | 209.5 |
| BT5-64 | 7.6 | 1043.9 | 1.9 | 2.0 | 0.2 | 16.8 | 318.6 | 11370.4 | 1.0 | 371.1 | 43.0 | 27.1 | 194.1 | 364.4 |
| BT5-65 | 27.3 | 1079.9 | 2.9 | 5.6 | 0.9 | 24.3 | 331.0 | 10265.1 | 1.1 | 213.9 | 19.0 | 29.6 | 276.9 | 273.6 |
| BT5-66 | 18.6 | 302.5 | 1.2 | 3.0 | 0.2 | 20.6 | 115.8 | 12000.1 | 0.7 | 860.3 | 143.3 | 7.8 | 24.2 | 523.4 |
| BT5-67 | 3.5 | 507.1 | 0.4 | 1.8 | 0.4 | 11.9 | 120.7 | 12095.8 | 0.3 | 501.1 | 94.2 | 7.7 | 29.6 | 290.6 |
| BT5-68 | 25.9 | 342.0 | 0.8 | 2.0 | 0.4 | 8.7 | 109.9 | 9377.3 | 0.5 | 395.5 | 36.0 | 34.7 | 305.3 | 485.4 |
| BT5-69 | 6.8 | 1312.3 | 3.3 | 5.9 | 1.2 | 27.7 | 395.9 | 9592.8 | 1.6 | 484.7 | 87.1 | 58.8 | 241.9 | 256.6 |
| BT5-70 | 13.0 | 843.5 | 1.9 | 3.0 | 0.5 | 17.6 | 268.1 | 9829.9 | 0.7 | 128.8 | 13.1 | 7.2 | 53.6 | 127.9 |
| BT5-71 | 13.4 | 604.2 | 4.4 | 1.4 | 0.3 | 9.4 | 228.1 | 11117.7 | 1.9 | 432.9 | 89.6 | 31.9 | 124.0 | 220.3 |
| BT5-72 | 14.5 | 540.4 | 1.3 | 3.0 | 0.6 | 12.2 | 174.5 | 9255.2 | 0.4 | 153.5 | 19.9 | 17.1 | 96.2 | 117.1 |
| BT5-73 | 7.3 | 786.7 | 1.5 | 2.4 | 0.4 | 13.2 | 272.3 | 9592.0 | 0.8 | 77.0 | 4.8 | 4.7 | 114.0 | 262.9 |
| BT5-74 | 8.3 | 724.1 | 1.2 | 7.5 | 1.0 | 17.0 | 266.3 | 10454.9 | 0.5 | 121.9 | 8.1 | 9.9 | 237.5 | 437.1 |
| BT5-75 | 5.8 | 447.5 | 0.7 | 1.5 | 0.5 | 8.4 | 160.9 | 8478.7 | 0.2 | 273.1 | 62.3 | 14.6 | 52.2 | 124.5 |
| BT5-76 | 7.5 | 1468.4 | 3.7 | 4.0 | 0.0 | 23.7 | 477.4 | 19231.0 | 0.5 | 223.5 | 14.5 | 7.2 | 139.6 | 617.5 |
| BT5-77 | 32.5 | 1127.0 | 1.2 | 19.3 | 3.3 | 52.6 | 232.9 | 8500.7 | 0.5 | 132.3 | 17.0 | 33.5 | 189.3 | 98.2 |
| BT5-78 | 8.5 | 3499.1 | 2.2 | 23.2 | 2.7 | 103.9 | 904.4 | 8601.1 | 0.8 | 694.1 | 88.1 | 129.3 | 757.2 | 528.4 |
| BT5-79 | 12.8 | 1027.5 | 1.1 | 3.4 | 0.3 | 18.5 | 316.9 | 10227.1 | 0.6 | 247.5 | 29.7 | 17.4 | 110.0 | 204.2 |
| BT5-80 | 6.3 | 1197.7 | 1.5 | 2.4 | 0.5 | 17.6 | 406.4 | 9053.6 | 0.5 | 60.7 | 3.7 | 3.2 | 80.2 | 226.7 |
| BT5-81 | 10.3 | 959.0 | 0.9 | 5.4 | 3.3 | 28.3 | 244.0 | 10967.6 | 0.5 | 141.4 | 21.4 | 12.1 | 52.2 | 104.0 |
| BT5-82 | 4.2 | 1712.3 | 5.1 | 1.8 | 0.2 | 15.5 | 812.5 | 13239.7 | 4.5 | 799.2 | 85.0 | 13.6 | 92.8 | 749.7 |
| BT5-83 | 15.8 | 616.9 | 1.2 | 1.1 | 0.2 | 11.9 | 196.1 | 10142.5 | 0.6 | 155.1 | 18.9 | 9.7 | 60.3 | 127.6 |
| BT5-84 | 6.0 | 539.0 | 1.7 | 1.9 | 0.9 | 10.5 | 202.6 | 9850.3 | 0.3 | 124.8 | 8.2 | 14.6 | 276.4 | 334.0 |
| BT5-85 | 11.2 | 1545.6 | 2.6 | 4.2 | 0.2 | 26.3 | 493.1 | 11765.0 | 1.2 | 175.1 | 15.5 | 14.1 | 130.4 | 216.3 |
| BT7-1 | 9.5 | 878.3 | 3.3 | 3.1 | 0.1 | 17.3 | 252.0 | 10875.6 | 1.5 | 170.9 | 13.7 | 15.4 | 172.9 | 270.1 |
| BT7-2 | 6.1 | 1649.0 | 5.1 | 7.3 | 2.9 | 37.1 | 637.3 | 10834.7 | 1.2 | 389.7 | 51.7 | 62.2 | 339.1 | 332.8 |
| BT7-3 | 11.3 | 763.7 | 4.1 | 1.6 | 0.3 | 12.2 | 284.6 | 10743.5 | 2.1 | 261.2 | 28.3 | 25.9 | 184.6 | 247.5 |
| BT7-4 | 4.9 | 586.1 | 2.7 | 13.9 | 7.2 | 30.2 | 198.9 | 10605.5 | 1.2 | 228.5 | 15.6 | 15.1 | 404.7 | 733.6 |
| BT7-5 | 2.6 | 140.3 | 0.4 | 0.5 | 0.0 | 1.9 | 59.2 | 11745.7 | 0.3 | 448.2 | 95.6 | 12.8 | 51.1 | 226.0 |
| BT7-6 | 19.8 | 510.2 | 1.0 | 6.8 | 0.3 | 24.1 | 119.9 | 13041.9 | 0.6 | 1032.8 | 181.8 | 29.6 | 132.4 | 606.7 |
| BT7-7 | 21.2 | 1159.3 | 3.5 | 4.0 | 0.9 | 22.1 | 381.4 | 10641.3 | 1.2 | 259.9 | 53.4 | 40.0 | 167.8 | 138.9 |
| BT7-8 | 8.4 | 2787.6 | 1.4 | 12.8 | 0.3 | 67.3 | 763.4 | 9693.1 | 0.7 | 291.6 | 24.3 | 23.6 | 248.2 | 422.2 |
| BT7-9 | 6.3 | 362.5 | 0.9 | 1.1 | 0.1 | 5.0 | 139.0 | 13611.5 | 0.6 | 138.1 | 12.5 | 9.5 | 83.7 | 168.7 |
| BT7-10 | 2.9 | 1639.0 | 1.8 | 2.9 | 0.7 | 21.6 | 592.7 | 8709.7 | 0.7 | 81.3 | 7.2 | 5.4 | 51.7 | 115.3 |
| BT7-11 | 11.1 | 1077.2 | 2.3 | 5.9 | 1.5 | 24.2 | 336.7 | 10132.5 | 0.8 | 61.5 | 3.8 | 6.0 | 152.0 | 211.4 |
| BT7-12 | 16.2 | 696.0 | 0.9 | 7.8 | 1.0 | 26.1 | 178.1 | 10056.6 | 0.3 | 159.4 | 10.6 | 13.5 | 256.6 | 437.1 |
| BT7-13 | 6.9 | 2609.1 | 5.1 | 24.8 | 1.1 | 81.1 | 651.4 | 11011.8 | 1.8 | 154.8 | 11.7 | 6.5 | 77.4 | 291.6 |
| BT7-14 | 2.3 | 626.8 | 1.5 | 2.0 | 0.1 | 11.0 | 207.0 | 11452.2 | 0.8 | 231.2 | 26.4 | 16.4 | 107.5 | 195.2 |
| BT7-15 | 15.4 | 2187.4 | 1.1 | 10.1 | 0.4 | 50.3 | 643.9 | 10284.8 | 0.5 | 124.3 | 7.7 | 7.8 | 194.5 | 442.2 |
| BT7-16 | 3.7 | 799.3 | 3.2 | 3.9 | 1.4 | 17.1 | 284.1 | 11403.4 | 1.4 | 241.9 | 15.3 | 24.7 | 575.8 | 784.1 |
| BT7-17 | 4.6 | 1110.2 | 0.8 | 8.0 | 1.7 | 35.6 | 296.2 | 8648.1 | 0.2 | 98.8 | 19.7 | 11.9 | 46.5 | 54.0 |
| BT7-18 | 7.2 | 717.6 | 1.3 | 2.5 | 0.6 | 13.8 | 297.2 | 12226.7 | 0.7 | 716.1 | 120.1 | 38.8 | 179.0 | 470.5 |
| BT7-19 | 4.7 | 1733.1 | 1.4 | 5.7 | 1.2 | 30.6 | 601.0 | 10050.4 | 0.6 | 98.2 | 5.7 | 9.0 | 238.4 | 358.7 |
| BT7-20 | 12.7 | 721.2 | 2.6 | 2.2 | 0.6 | 12.4 | 255.3 | 10496.0 | 0.9 | 77.7 | 8.4 | 11.8 | 83.2 | 76.9 |
| BT7-21 | 5.8 | 1308.3 | 4.3 | 2.9 | 0.7 | 18.2 | 497.1 | 9118.4 | 1.4 | 196.7 | 11.9 | 14.0 | 332.3 | 672.1 |
| BT7-22 | 4.0 | 1066.7 | 1.5 | 3.5 | 1.1 | 16.5 | 492.7 | 9941.6 | 0.6 | 329.5 | 20.4 | 25.7 | 669.7 | 1229.1 |
| BT7-23 | 4.1 | 842.9 | 3.1 | 12.8 | 2.7 | 36.1 | 186.1 | 9877.7 | 1.3 | 264.2 | 22.1 | 28.7 | 299.3 | 371.7 |
| BT7-24 | 4.1 | 270.2 | 1.4 | 0.9 | 0.2 | 4.3 | 112.5 | 10598.6 | 0.3 | 71.4 | 12.6 | 5.5 | 23.7 | 47.1 |
| BT7-25 | 9.9 | 1306.9 | 1.0 | 4.4 | 0.1 | 26.5 | 354.6 | 11774.6 | 0.6 | 213.0 | 17.7 | 10.4 | 112.1 | 314.2 |
| BT7-26 | 3.6 | 200.3 | 0.7 | 0.4 | 0.2 | 2.8 | 62.0 | 11145.3 | 0.3 | 285.6 | 19.7 | 1.7 | 23.7 | 677.8 |
| BT7-27 | 8.7 | 1140.9 | 2.1 | 3.2 | 0.2 | 16.7 | 374.8 | 11630.1 | 1.0 | 217.1 | 21.3 | 14.6 | 109.9 | 221.3 |
| BT7-28 | 5.4 | 1214.9 | 3.3 | 4.9 | 0.2 | 25.8 | 344.8 | 10998.6 | 1.0 | 96.7 | 9.0 | 5.4 | 48.9 | 119.9 |
| BT7-29 | 3.0 | 573.3 | 1.6 | 1.3 | 0.4 | 8.4 | 242.3 | 11261.3 | 1.1 | 176.2 | 10.8 | 10.6 | 243.4 | 591.1 |
| BT7-30 | 13.0 | 1366.2 | 2.2 | 6.7 | 1.7 | 31.6 | 429.3 | 8577.0 | 0.8 | 259.2 | 30.3 | 30.1 | 194.1 | 218.3 |
| BT7-31 | 8.4 | 957.5 | 1.0 | 3.6 | 1.2 | 17.7 | 352.7 | 8911.2 | 0.5 | 127.3 | 8.0 | 11.8 | 291.8 | 459.3 |
| BT7-32 | 6.5 | 446.5 | 5.6 | 1.5 | 0.2 | 5.3 | 174.6 | 10895.8 | 3.5 | 774.5 | 124.0 | 33.9 | 161.6 | 464.2 |
| BT7-33 | 11.8 | 141.8 | 0.9 | 2.2 | 0.5 | 6.2 | 39.4 | 9974.6 | 0.4 | 145.5 | 22.4 | 16.6 | 79.5 | 89.6 |
| BT7-34 | 7.3 | 522.1 | 7.8 | 0.8 | 0.3 | 5.5 | 291.5 | 10500.7 | 4.9 | 804.6 | 70.0 | 11.3 | 108.9 | 1033.5 |
| BT7-35 | 8.2 | 843.8 | 4.9 | 3.1 | 0.6 | 14.8 | 296.6 | 11433.5 | 1.5 | 262.0 | 26.4 | 21.0 | 162.6 | 278.5 |
| BT7-36 | 6.4 | 801.2 | 1.9 | 2.3 | 0.3 | 14.7 | 263.9 | 9606.2 | 0.5 | 105.1 | 10.6 | 5.5 | 43.0 | 108.7 |
| BT7-37 | 6.3 | 2257.9 | 10.7 | 10.5 | 0.5 | 51.8 | 577.8 | 8561.6 | 3.4 | 126.5 | 10.6 | 9.6 | 99.7 | 181.4 |
| BT7-38 | 4.9 | 130.1 | 0.2 | 1.9 | 1.3 | 10.1 | 17.7 | 13241.9 | 0.2 | 165.4 | 10.8 | 0.7 | 13.5 | 460.9 |
| BT7-39 | 2.2 | 389.9 | 2.7 | 1.6 | 0.5 | 5.8 | 175.2 | 12488.3 | 0.8 | 1047.2 | 137.3 | 57.8 | 311.9 | 767.0 |
| BT7-40 | 8.4 | 1413.3 | 1.5 | 3.5 | 0.2 | 22.6 | 445.0 | 11381.1 | 0.7 | 301.4 | 36.3 | 16.2 | 97.9 | 244.6 |
| BT7-41 | 5.3 | 1609.3 | 4.3 | 5.9 | 2.5 | 37.5 | 510.6 | 9103.7 | 1.1 | 305.0 | 29.9 | 27.6 | 219.9 | 331.1 |
| BT7-42 | 7.3 | 548.8 | 0.8 | 1.9 | 0.8 | 8.1 | 241.7 | 9114.6 | 0.2 | 36.5 | 2.3 | 3.5 | 85.4 | 125.4 |
| BT7-43 | 9.3 | 1916.9 | 1.1 | 3.4 | 0.2 | 27.3 | 574.9 | 11601.8 | 0.8 | 396.1 | 38.8 | 15.5 | 131.6 | 439.9 |
| BT7-44 | 13.2 | 3026.8 | 1.2 | 11.1 | 1.7 | 65.9 | 803.0 | 8696.0 | 0.5 | 263.6 | 24.1 | 19.0 | 164.5 | 318.0 |
| BT7-45 | 9.8 | 1171.3 | 0.7 | 3.4 | 0.1 | 20.4 | 320.4 | 11144.4 | 0.5 | 228.0 | 17.6 | 5.2 | 67.1 | 411.7 |
| BT7-46 | 14.0 | 1672.4 | 2.3 | 4.1 | 0.9 | 24.9 | 605.1 | 9054.4 | 0.8 | 104.4 | 6.5 | 8.4 | 208.8 | 382.5 |
| BT7-47 | 8.3 | 486.0 | 1.4 | 1.4 | 0.1 | 10.6 | 157.9 | 9986.3 | 0.6 | 189.4 | 37.4 | 10.1 | 40.0 | 94.4 |
| BT7-48 | 8.5 | 1248.4 | 1.1 | 4.9 | 0.8 | 25.4 | 379.7 | 10579.7 | 0.6 | 267.6 | 33.3 | 18.9 | 111.7 | 205.3 |
| BT7-49 | 4.3 | 789.5 | 3.2 | 2.6 | 0.4 | 12.1 | 287.6 | 10299.7 | 1.1 | 166.1 | 22.9 | 11.5 | 62.6 | 116.3 |
| BT7-50 | 4.6 | 682.5 | 1.9 | 1.5 | 0.2 | 10.0 | 287.4 | 11262.8 | 1.0 | 93.5 | 5.6 | 3.3 | 77.7 | 298.5 |
| BT7-51 | 10.9 | 833.0 | 6.1 | 2.7 | 0.1 | 14.9 | 275.3 | 10865.8 | 1.8 | 182.8 | 20.1 | 13.3 | 89.7 | 164.2 |
| BT7-52 | 6.0 | 1203.7 | 1.2 | 3.2 | 0.1 | 20.7 | 369.5 | 11312.6 | 0.8 | 393.1 | 47.5 | 26.6 | 165.0 | 324.4 |
| BT7-53 | 16.5 | 741.2 | 1.1 | 2.4 | 0.1 | 13.1 | 217.1 | 10324.8 | 0.6 | 282.4 | 35.8 | 17.5 | 98.1 | 215.5 |
| BT7-54 | 10.8 | 1063.5 | 1.4 | 12.5 | 0.3 | 26.1 | 329.4 | 11435.4 | 0.8 | 322.9 | 38.7 | 18.7 | 113.7 | 255.1 |
| BT7-55 | 3.1 | 979.7 | 2.3 | 2.7 | 0.4 | 12.0 | 448.4 | 10567.5 | 1.0 | 179.1 | 10.6 | 12.8 | 331.6 | 642.6 |
| BT7-56 | 9.9 | 518.7 | 1.8 | 3.0 | 0.2 | 11.3 | 146.3 | 10674.6 | 0.7 | 194.5 | 17.4 | 24.0 | 216.5 | 243.8 |
| BT7-57 | 6.1 | 983.8 | 1.0 | 3.2 | 0.5 | 17.8 | 314.7 | 9723.5 | 0.6 | 74.4 | 5.0 | 5.3 | 132.9 | 258.9 |
| BT7-58 | 4.3 | 686.2 | 2.1 | 3.6 | 0.6 | 14.5 | 252.6 | 11365.1 | 1.1 | 768.8 | 144.3 | 36.5 | 151.5 | 412.7 |
| BT7-59 | 5.3 | 2475.6 | 11.4 | 5.9 | 1.4 | 40.7 | 804.8 | 10784.0 | 3.0 | 181.3 | 11.0 | 12.6 | 306.2 | 638.7 |
| BT7-60 | 5.5 | 993.2 | 4.4 | 5.6 | 0.9 | 22.5 | 302.2 | 10852.3 | 1.4 | 214.8 | 14.0 | 16.6 | 290.2 | 535.8 |
| BT7-61 | 4.6 | 881.9 | 0.8 | 2.9 | 1.3 | 14.6 | 377.6 | 8711.3 | 0.2 | 99.8 | 6.3 | 12.9 | 315.1 | 340.5 |
| BT7-62 | 14.0 | 841.9 | 1.4 | 4.7 | 1.0 | 20.8 | 256.3 | 9747.4 | 0.5 | 167.2 | 18.1 | 26.3 | 179.2 | 156.8 |
| BT7-63 | 8.4 | 2298.3 | 2.4 | 10.9 | 1.6 | 45.1 | 718.0 | 9392.4 | 0.8 | 86.4 | 5.2 | 8.6 | 226.2 | 314.6 |
| BT7-64 | 13.9 | 286.4 | 1.1 | 3.7 | 0.3 | 15.7 | 50.7 | 12501.4 | 0.9 | 186.3 | 22.8 | 4.4 | 76.3 | 298.3 |
| BT7-65 | 11.5 | 421.6 | 1.4 | 3.3 | 0.6 | 13.1 | 124.0 | 9634.6 | 0.5 | 29.6 | 1.9 | 5.9 | 116.0 | 80.8 |
| BT7-66 | 7.4 | 691.6 | 1.2 | 3.4 | 0.9 | 16.4 | 192.9 | 10486.9 | 0.6 | 220.1 | 25.8 | 19.3 | 122.1 | 181.2 |
| BT7-67 | 4.9 | 811.9 | 1.3 | 3.1 | 0.1 | 16.1 | 244.0 | 8997.0 | 0.5 | 230.7 | 16.2 | 6.2 | 105.9 | 531.5 |
| BT7-68 | 6.1 | 908.9 | 1.0 | 1.5 | 0.4 | 8.3 | 410.0 | 8900.3 | 0.4 | 60.2 | 3.8 | 3.6 | 84.5 | 197.3 |
| BT7-69 | 13.4 | 1047.3 | 1.2 | 3.5 | 0.4 | 20.3 | 338.4 | 10329.5 | 0.7 | 295.0 | 37.1 | 16.1 | 96.5 | 233.5 |
| BT7-70 | 8.1 | 451.2 | 1.3 | 1.4 | 0.1 | 8.2 | 158.4 | 11002.3 | 0.6 | 530.4 | 60.5 | 22.6 | 142.2 | 450.0 |
| BT7-71 | 7.1 | 2314.0 | 1.0 | 4.1 | 0.0 | 28.6 | 588.4 | 12394.1 | 0.7 | 639.6 | 63.7 | 9.9 | 77.8 | 663.8 |
| BT7-72 | 2.5 | 407.0 | 0.5 | 0.5 | 0.4 | 5.0 | 200.8 | 10566.1 | 0.3 | 62.1 | 4.9 | 1.0 | 10.6 | 96.8 |
| BT7-73 | 17.3 | 704.4 | 9.3 | 25.7 | 14.3 | 55.8 | 125.0 | 8268.0 | 0.8 | 63.6 | 4.1 | 10.6 | 176.0 | 160.5 |
| BT7-74 | 6.6 | 820.6 | 0.4 | 2.4 | 0.8 | 13.7 | 311.4 | 8987.6 | 0.1 | 53.0 | 5.0 | 3.4 | 28.5 | 60.6 |
| BT7-75 | 11.0 | 714.7 | 2.5 | 5.0 | 0.1 | 23.7 | 173.6 | 11796.2 | 0.8 | 100.8 | 6.5 | 10.2 | 203.9 | 288.5 |
| BT7-76 | 4.5 | 980.7 | 9.7 | 3.7 | 1.2 | 17.2 | 334.9 | 9365.2 | 3.0 | 175.5 | 10.9 | 22.6 | 524.2 | 570.0 |
| BT7-77 | 7.4 | 1105.4 | 8.0 | 4.1 | 1.1 | 20.8 | 377.4 | 8567.9 | 2.0 | 135.5 | 8.6 | 19.0 | 433.3 | 432.8 |
| BT7-78 | 13.5 | 1146.0 | 4.1 | 2.7 | 0.3 | 17.8 | 401.2 | 10217.3 | 1.5 | 309.5 | 71.8 | 18.4 | 71.3 | 162.9 |
| BT7-79 | 5.6 | 937.7 | 7.4 | 4.8 | 0.5 | 20.3 | 292.0 | 11254.4 | 3.2 | 799.8 | 116.5 | 29.6 | 148.8 | 534.8 |
| BT7-80 | 11.0 | 1602.3 | 1.5 | 5.9 | 0.3 | 29.4 | 462.6 | 10986.4 | 0.9 | 454.1 | 54.8 | 34.1 | 208.4 | 364.4 |
| BT7-81 | 11.1 | 2699.9 | 0.9 | 4.6 | 0.4 | 42.4 | 692.8 | 12733.1 | 0.5 | 484.2 | 39.9 | 4.8 | 50.5 | 730.5 |
| BT7-82 | 146.7 | 1513.0 | 3.4 | 6.1 | 1.1 | 31.9 | 440.9 | 9393.9 | 0.9 | 124.7 | 10.3 | 12.3 | 134.4 | 211.4 |
| BT7-83 | 9.7 | 409.5 | 1.8 | 1.6 | 0.1 | 7.7 | 129.5 | 10256.3 | 0.8 | 372.1 | 73.0 | 17.6 | 70.5 | 193.7 |
| ~~BT7-84~~ | ~~11.5~~ | ~~620.5~~ | ~~0.5~~ | ~~2.8~~ | ~~0.4~~ | ~~16.7~~ | ~~149.8~~ | ~~11153.1~~ | ~~0.4~~ | ~~479.8~~ | ~~70.0~~ | ~~8.9~~ | ~~76.9~~ | ~~532.3~~ |
| BT7-85 | 10.6 | 1742.2 | 1.7 | 8.1 | 1.0 | 39.7 | 494.8 | 8984.7 | 0.9 | 247.2 | 20.7 | 27.8 | 278.8 | 337.9 |

**Table S5. Chi–square statistical value and p–value of samples**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Chi-Square（P） | BT-2 | BT-3 | BT-5 | BT-7 |
| BT-2 | 0.00 | 3.37（0.50） | 2.49（0.65） | 8.07（0.09） |
| BT-3 | 3.37（0.50） | 0.00 | 0.56 (0.97) | 1.81(0.77) |
| BT-5 | 2.49（0.65） | 0.56 (0.97) | 0.00 | 2.31(0.68) |
| BT-7 | 8.07（0.09） | 1.81(0.77) | 2.31(0.68) | 0.00 |



**Supplementary Figure S1** U–Pb Concordia diagrams and U-Pb age probability density plots of detrital zircon analytical results. Errors are quoted in 2s level.



**Supplementary Figure S2.** CL images of representative zircons. (circle diameter 33 μm, distance between dashed lines is 100 μm)