**Supplementary Material A** - U-Pb data (LA-ICP-MS) of zircons from samples JBR-01, JBR-02, JBR-05, JBR-06, JBR-07, JBR-11 and JBR-13 - Aprazível Formation.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | Ratios c |  |  |  |  |  |  |  |  | Dates c |  |  |  |
| Identifier | 207Pb/206Pb | 2s (%) | 207Pb/235U | 2s (%) | 206Pb/238U | 2s (%) | Rho | 208Pb/232Th | *2s (%)* | 207Pb/206Pb | 2s | 2ssys | 206Pb/238U | 2s | 2ssys | % conc |
|  |  |  | Data for Wetherill plot c | | | | |  |  |  | abs | abs |  | abs | abs |  |
| 1.sSMPABC007 | 0.061530075 | 3.876758 | 0.79068551 | 4.65848908 | 0.09319982 | 2.58307337 | 0.55448737 | 0.02721 | 1.54355017 | 658 | 83 | 86 | 574 | 14 | 17 | 97 |
| 1.sSMPABC010 | 0.05953 | 2.082983 | 0.72033871 | 2.54807167 | 0.0877606 | 1.46759991 | 0.57596493 | 0.02299 | 1.56589822 | 587 | 45 | 50 | 542 | 8 | 11 | 99 |
| 1.sSMPABC013 | 0.061726408 | 3.864427 | 0.84818582 | 4.59463764 | 0.09965951 | 2.48533651 | 0.54092111 | 0.02464 | 1.37987013 | 665 | 83 | 86 | 612 | 15 | 17 | 98 |
| 1.sSMPABC016 | 0.061281621 | 3.857291 | 0.83947886 | 4.58634638 | 0.09935237 | 2.48110435 | 0.54097623 | 0.02668 | 1.1994003 | 649 | 83 | 86 | 611 | 15 | 17 | 99 |
| 1.sSMPABC017 | 0.13112 | 1.937157 | 6.94701012 | 2.43466682 | 0.38426225 | 1.47479696 | 0.60574898 | 0.08562 | 1.2380285 | 2113 | 34 | 38 | 2096 | 27 | 38 | 100 |
| 1.sSMPABC020 | 0.116835851 | 2.595853 | 5.48029163 | 3.03844735 | 0.3401937 | 1.57914909 | 0.51972238 | 0.07614 | 0.99816128 | 1908 | 47 | 50 | 1888 | 26 | 36 | 100 |
| 1.sSMPABC028 | 0.062041398 | 2.371345 | 0.85870096 | 2.83025056 | 0.10038275 | 1.5450053 | 0.54588994 | 0.02642 | 1.665405 | 676 | 51 | 55 | 617 | 9 | 13 | 98 |
| 1.sSMPABC033 | 0.101373325 | 2.044711 | 3.61185058 | 2.50779066 | 0.25840732 | 1.45195396 | 0.57897734 | 0.05806 | 1.24009645 | 1649 | 38 | 42 | 1482 | 19 | 28 | 96 |
| 1.sSMPABC034 | 0.061554015 | 1.884788 | 0.84918039 | 2.4495905 | 0.10005581 | 1.56462979 | 0.63873116 | 0.0127 | 1.57480315 | 659 | 40 | 46 | 615 | 9 | 13 | 99 |
| 1.sSMPABC036 | 0.187926029 | 2.153796 | 12.9233162 | 2.59373124 | 0.49875327 | 1.44520112 | 0.55719001 | 0.1183 | 2.24852071 | 2724 | 35 | 39 | 2608 | 31 | 45 | 98 |
| 1.sSMPABC037 | 0.062880654 | 2.807307 | 0.86000918 | 3.23809095 | 0.09919385 | 1.61377295 | 0.49837172 | 0.02534 | 3.55169692 | 704 | 60 | 63 | 610 | 9 | 13 | 97 |
| 1.sSMPABC038 | 0.06153 | 2.047782 | 0.85389225 | 2.50176089 | 0.10065026 | 1.43714933 | 0.57445511 | 0.02448 | 1.14379085 | 658 | 44 | 49 | 618 | 9 | 12 | 99 |
| 1.sSMPABC039 | 0.06186 | 2.069188 | 0.79424915 | 2.53717826 | 0.09312056 | 1.4682413 | 0.57869064 | 0.02082 | 1.24879923 | 669 | 44 | 49 | 574 | 8 | 12 | 97 |
| 1.sSMPABC051 | 0.059508265 | 2.212033 | 0.79413181 | 2.68523294 | 0.09678633 | 1.52229582 | 0.56691388 | 0.02894 | 2.14236351 | 586 | 48 | 53 | 596 | 9 | 12 | 101 |
| 1.sSMPABC053 | 0.118854443 | 2.120355 | 5.65940303 | 2.54720242 | 0.3453456 | 1.41150117 | 0.55413781 | 0.09011 | 2.30828987 | 1939 | 38 | 42 | 1912 | 24 | 34 | 100 |
| 1.sSMPABC054 | 0.059907951 | 4.018507 | 0.79488271 | 4.74611392 | 0.09623151 | 2.52531154 | 0.53207984 | 0.02138 | 2.52572498 | 600 | 87 | 90 | 592 | 14 | 17 | 100 |
| 1.sSMPABC058 | 0.060013883 | 4.439193 | 0.80358463 | 5.12585109 | 0.09711328 | 2.56279428 | 0.49997439 | 0.02464 | 2.19155844 | 604 | 96 | 98 | 597 | 15 | 17 | 100 |
| 1.sSMPABC059 | 0.06012 | 2.561544 | 0.79835327 | 3.04475978 | 0.09631077 | 1.6459212 | 0.54057506 | 0.02789 | 3.22696307 | 608 | 55 | 59 | 593 | 9 | 13 | 100 |
| 1.sSMPABC072 | 0.129130874 | 2.491429 | 6.71602626 | 2.94577764 | 0.37720811 | 1.57174699 | 0.53355928 | 0.0917 | 1.3740458 | 2086 | 44 | 47 | 2063 | 28 | 39 | 100 |
| 1.sSMPABC080 | 0.060093216 | 2.230185 | 0.80981857 | 2.64353217 | 0.09773745 | 1.41934316 | 0.53691163 | 0.02822 | 2.19702339 | 607 | 48 | 53 | 601 | 8 | 12 | 100 |
| 1.sSMPABC087 | 0.12767 | 1.958173 | 6.57115778 | 2.52060202 | 0.37329465 | 1.58713308 | 0.62966429 | 0.03499 | 1.77193484 | 2066 | 35 | 39 | 2045 | 28 | 39 | 100 |
| 1.sSMPABC088 | 0.06045 | 2.448304 | 0.8069469 | 2.87888858 | 0.09681605 | 1.51453131 | 0.52608195 | 0.02864 | 1.81564246 | 620 | 53 | 57 | 596 | 9 | 12 | 99 |
| 1.sSMPABC094 | 0.05755 | 2.571677 | 0.64465058 | 2.99576637 | 0.08124147 | 1.53658537 | 0.51291896 | 0.0204 | 2.15686275 | 513 | 57 | 61 | 504 | 8 | 11 | 100 |
| 1.sSMPABC095 | 0.05806 | 2.411299 | 0.66011883 | 2.84713635 | 0.08246009 | 1.51387721 | 0.53171925 | 0.01983 | 1.71457388 | 532 | 53 | 57 | 511 | 8 | 11 | 99 |
| 1.sSMPABC100 | 0.05954 | 4.26604 | 0.70370484 | 4.62247377 | 0.08571966 | 1.77993528 | 0.3850612 | 0.02333 | 5.74367767 | 587 | 93 | 95 | 530 | 9 | 12 | 98 |
| 1.sSMPABC115 | 0.06053 | 2.081612 | 0.82587606 | 2.54398743 | 0.09895618 | 1.46245059 | 0.5748655 | 0.02738 | 1.46092038 | 623 | 45 | 50 | 608 | 9 | 12 | 100 |
| 1.sSMPABC116 | 0.05837 | 2.569813 | 0.68481374 | 2.9841085 | 0.08509058 | 1.51689267 | 0.50832356 | 0.02326 | 1.8916595 | 544 | 56 | 60 | 526 | 8 | 11 | 100 |
| 1.sSMPABC120 | 0.057370987 | 4.288367 | 0.64795453 | 4.78321762 | 0.08191264 | 2.11874427 | 0.44295377 | 0.02345 | 4.60554371 | 506 | 94 | 97 | 508 | 11 | 13 | 100 |
| 1.sSMPABC147 | 0.06134 | 3.22791 | 0.81666617 | 3.66785677 | 0.0965605 | 1.74177215 | 0.47487464 | 0.02847 | 2.80997541 | 651 | 69 | 73 | 594 | 10 | 13 | 98 |
| 1.sSMPABC151 | 0.133158015 | 1.93117 | 7.0654846 | 2.42696267 | 0.38483394 | 1.46994254 | 0.60567168 | 0.08705 | 1.19471568 | 2140 | 34 | 38 | 2099 | 27 | 38 | 100 |
| 1.sSMPABC154 | 0.106311495 | 2.259887 | 4.19203828 | 2.69631204 | 0.28598532 | 1.47071728 | 0.54545515 | 0.06478 | 2.53164557 | 1737 | 41 | 45 | 1621 | 21 | 31 | 98 |
| 1.sSMPABC156 | 0.186084552 | 1.945373 | 13.1021976 | 2.4386707 | 0.51066083 | 1.47059167 | 0.60303003 | 0.12052 | 1.21141719 | 2708 | 32 | 36 | 2659 | 33 | 47 | 100 |
| 1.sSMPABC157 | 0.10747 | 2.195962 | 4.62067538 | 2.75019304 | 0.31182931 | 1.65569144 | 0.60202735 | 0.08316 | 2.62145262 | 1757 | 40 | 44 | 1750 | 26 | 35 | 101 |
| 1.sSMPABC160 | 0.0624821 | 2.28584 | 0.82117332 | 2.70414754 | 0.09531866 | 1.44476604 | 0.53427782 | 0.02933 | 2.18206614 | 691 | 49 | 53 | 587 | 8 | 12 | 97 |
| 1.sSMPABC168 | 0.15079223 | 2.016293 | 8.90769768 | 2.48981382 | 0.42843529 | 1.4607317 | 0.58668311 | 0.11614 | 1.2226623 | 2355 | 34 | 38 | 2299 | 29 | 41 | 100 |
| 1.sSMPABC173 | 0.06092 | 2.101116 | 0.83883572 | 2.56355555 | 0.09986556 | 1.46871634 | 0.5729216 | 0.02814 | 1.49253731 | 636 | 45 | 50 | 614 | 9 | 13 | 100 |
| 1.sSMPABC174 | 0.116506462 | 2.097913 | 5.38068635 | 2.53952194 | 0.33495494 | 1.4310597 | 0.56351539 | 0.09519 | 1.80691249 | 1903 | 38 | 42 | 1862 | 24 | 34 | 100 |
| 1.sSMPABC176 | 0.06218 | 2.187198 | 0.92442521 | 2.62472694 | 0.10782508 | 1.45098395 | 0.5528133 | 0.03368 | 3.85985748 | 680 | 47 | 51 | 660 | 9 | 13 | 100 |
| 1.sSMPABC178 | 0.060677534 | 2.374167 | 0.83476083 | 2.78244184 | 0.09977756 | 1.45097024 | 0.5214737 | 0.0267 | 2.62172285 | 628 | 51 | 56 | 613 | 9 | 12 | 100 |
| 1.sSMPABC189 | 0.06414 | 2.369816 | 1.06295578 | 2.78574926 | 0.1201946 | 1.46436707 | 0.52566363 | 0.03498 | 2.45854774 | 746 | 50 | 60 | 732 | 10 | 15 | 100 |
| 1.sSMPABC190 | 0.06054 | 2.081269 | 0.82935899 | 2.54031799 | 0.09935709 | 1.45654955 | 0.57337292 | 0.02812 | 1.49359886 | 623 | 45 | 57 | 611 | 9 | 12 | 100 |
| 1.sSMPABC191 | 0.060834479 | 3.957304 | 0.83601776 | 4.6746686 | 0.09967 | 2.48842757 | 0.53232171 | 0.02742 | 1.82348651 | 633 | 85 | 92 | 612 | 15 | 17 | 100 |
| 1.sSMPABC192 | 0.24239 | 2.021536 | 19.1153514 | 2.50368325 | 0.57196086 | 1.47709982 | 0.58997072 | 0.1597 | 1.81590482 | 3136 | 32 | 33 | 2916 | 35 | 50 | 97 |
| 1.sSMPABC194 | 0.061187481 | 1.962325 | 0.88508608 | 2.46497568 | 0.10491115 | 1.49177274 | 0.60518761 | 0.02496 | 1.28205128 | 646 | 42 | 55 | 643 | 9 | 13 | 100 |
| 1.sSMPABC197 | 0.060109877 | 2.154532 | 0.80174735 | 2.62898529 | 0.09673651 | 1.50650496 | 0.57303666 | 0.02773 | 1.51460512 | 608 | 47 | 59 | 595 | 9 | 20 | 100 |
| 1.sSMPABC199 | 0.061253013 | 2.290121 | 0.87992286 | 2.73978389 | 0.10418756 | 1.50391597 | 0.54891773 | 0.02992 | 1.73796791 | 648 | 49 | 60 | 639 | 9 | 14 | 100 |
| 1.sSMPABC207 | 0.0614 | 2.247557 | 0.82623981 | 2.69263064 | 0.097597 | 1.48281735 | 0.55069467 | 0.02912 | 1.8543956 | 653 | 48 | 60 | 600 | 9 | 16 | 99 |
| 1.sSMPABC209 | 0.060240382 | 3.996331 | 0.80373169 | 4.70877832 | 0.09676585 | 2.49036731 | 0.52887759 | 0.02806 | 1.56806842 | 612 | 86 | 94 | 595 | 14 | 19 | 100 |
| 1.sSMPABC210 | 0.060758078 | 2.37635 | 0.84512539 | 2.78769815 | 0.1008825 | 1.45747038 | 0.52282217 | 0.0287 | 2.22996516 | 631 | 51 | 62 | 620 | 9 | 52 | 100 |
| 1.sSMPABC211 | 0.06079 | 2.105609 | 0.84770034 | 2.57885691 | 0.10113674 | 1.48892971 | 0.57736034 | 0.02741 | 1.53228749 | 632 | 45 | 58 | 621 | 9 | 18 | 100 |
| 1.sSMPABC213 | 0.061040342 | 4.155374 | 0.851109 | 4.83739985 | 0.10112696 | 2.47655163 | 0.51195926 | 0.02994 | 2.20440882 | 641 | 89 | 96 | 621 | 15 | 97 | 100 |
| 1.sSMPABC216 | 0.058040733 | 4.687654 | 0.67085615 | 5.20800341 | 0.08382918 | 2.269185 | 0.43571112 | 0.02722 | 5.6576047 | 531 | 103 | 109 | 519 | 12 | 17 | 100 |
| 1.sSMPABC218 | 0.06195 | 2.292171 | 0.91315468 | 2.72940265 | 0.10690592 | 1.48175249 | 0.54288527 | 0.0315 | 1.71428571 | 672 | 49 | 60 | 655 | 9 | 53 | 100 |
| 1.sSMPABC219 | 0.058158604 | 2.24764 | 0.6789619 | 2.70756195 | 0.08467012 | 1.50963832 | 0.55756372 | 0.02483 | 1.77204994 | 536 | 49 | 62 | 524 | 8 | 14 | 100 |
| 1.sSMPABC220 | 0.062235265 | 2.228512 | 0.92793187 | 2.69812016 | 0.10813799 | 1.52104733 | 0.56374336 | 0.03089 | 1.61864681 | 682 | 48 | 59 | 662 | 10 | 14 | 100 |
| 1.sSMPABC228 | 0.147065843 | 2.368595 | 8.57911183 | 2.81762035 | 0.42308657 | 1.52602155 | 0.54159942 | 0.11995 | 2.78449354 | 2312 | 41 | 42 | 2274 | 30 | 12 | 100 |
| 1.sSMPABC231 | 0.060840878 | 3.975279 | 0.84201169 | 4.66200704 | 0.10037403 | 2.4354603 | 0.52240597 | 0.03016 | 1.98938992 | 634 | 86 | 93 | 617 | 15 | 19 | 100 |
| 1.sSMPABC233 | 0.059782066 | 2.323893 | 0.68534112 | 2.82739875 | 0.0831447 | 1.61049829 | 0.56960423 | 0.02569 | 2.41339042 | 596 | 50 | 62 | 515 | 8 | 368 | 98 |
| 1.sSMPABC235 | 0.06053 | 2.577234 | 0.69195683 | 3.0109341 | 0.08291003 | 1.55678736 | 0.51704465 | 0.02922 | 2.60095825 | 623 | 56 | 66 | 513 | 8 | 1907 | 97 |
| 1.sSMPABC237 | 0.05743 | 2.960125 | 0.62686353 | 3.3443216 | 0.07916495 | 1.55632411 | 0.46536317 | 0.02137 | 4.39868975 | 508 | 65 | 76 | 491 | 8 | 14 | 100 |
| 1.sSMPABC238 | 0.05806 | 3.031347 | 0.6651297 | 3.46148813 | 0.08308603 | 1.67117806 | 0.48279179 | 0.02978 | 3.35795836 | 532 | 66 | 76 | 515 | 8 | 15 | 100 |
| 1.sSMPABC250 | 0.153483275 | 2.097137 | 9.26304206 | 2.56987804 | 0.43771487 | 1.48535846 | 0.57798792 | 0.12038 | 1.64479149 | 2385 | 36 | 37 | 2340 | 30 | 2252 | 100 |
| 1.sSMPABC251 | 0.06104 | 2.162516 | 0.85324392 | 2.63446151 | 0.10138119 | 1.50462963 | 0.57113366 | 0.02971 | 1.61561764 | 641 | 47 | 58 | 622 | 9 | 14 | 100 |
| 1.sSMPABC252 | 0.146953136 | 2.167657 | 8.49685269 | 2.61107368 | 0.41935126 | 1.4556672 | 0.55749756 | 0.10231 | 1.89619783 | 2311 | 37 | 39 | 2258 | 28 | 261 | 100 |
| 1.sSMPABC253 | 0.058701954 | 2.191645 | 0.71134341 | 2.62984308 | 0.08788717 | 1.45353614 | 0.55270831 | 0.02632 | 1.97568389 | 556 | 48 | 61 | 543 | 8 | 14 | 100 |
| 1.sSMPABC298 | 0.157378805 | 2.509859 | 9.81637481 | 3.05102957 | 0.45238023 | 1.73475856 | 0.56858137 | 0.07307 | 4.29724921 | 2428 | 43 | 46 | 2406 | 35 | 46 | 100 |
| 1.sSMPABC256 | 0.061503082 | 2.053611 | 0.85275179 | 2.52031782 | 0.10055982 | 1.46105558 | 0.57971085 | 0.04101 | 2.0970495 | 657 | 44 | 56 | 618 | 9 | 14 | 99 |
| 1.sSMPABC268 | 0.060520483 | 3.781177 | 0.85625553 | 4.28975233 | 0.10261237 | 2.02600044 | 0.47228844 | 0.03131 | 2.93835835 | 622 | 82 | 84 | 630 | 12 | 15 | 100 |
| 1.sSMPABC271 | 0.13444 | 2.424874 | 7.41498809 | 2.87662819 | 0.40001906 | 1.54757166 | 0.53798112 | 0.11963 | 3.62785255 | 2157 | 42 | 46 | 2169 | 29 | 40 | 101 |
| 1.sSMPABC272 | 0.059343851 | 3.23759 | 0.78129991 | 3.75448203 | 0.09548624 | 1.90109068 | 0.50635232 | 0.02658 | 3.00978179 | 580 | 70 | 74 | 588 | 11 | 14 | 100 |
| 1.sSMPABC273 | 0.061998328 | 3.057302 | 0.9515234 | 3.59414765 | 0.11131104 | 1.88965728 | 0.5257595 | 0.03525 | 1.9858156 | 674 | 65 | 69 | 680 | 12 | 16 | 100 |
| 1.sSMPABC274 | 0.06136 | 2.249022 | 0.8995409 | 2.69174632 | 0.10632473 | 1.4789853 | 0.54945197 | 0.03009 | 2.39282154 | 652 | 48 | 53 | 651 | 9 | 13 | 100 |
| 1.sSMPABC275 | 0.074965041 | 2.166916 | 1.85315299 | 2.66757292 | 0.179288 | 1.55577048 | 0.58321573 | 0.05354 | 2.20395966 | 1068 | 44 | 48 | 1063 | 15 | 21 | 100 |
| 1.sSMPABC276 | 0.06293 | 2.510726 | 0.99682464 | 2.92848462 | 0.11488406 | 1.50740709 | 0.51473963 | 0.03048 | 2.49343832 | 706 | 53 | 58 | 701 | 10 | 14 | 100 |
| 1.sSMPABC277 | 0.061374338 | 3.922495 | 0.89351861 | 4.60591369 | 0.10558823 | 2.41422349 | 0.52415734 | 0.03295 | 1.88163885 | 652 | 84 | 87 | 647 | 15 | 18 | 100 |
| 1.sSMPABC278 | 0.130328978 | 2.665223 | 6.88331091 | 3.0880731 | 0.3830497 | 1.5597386 | 0.50508474 | 0.10768 | 2.48885587 | 2102 | 47 | 50 | 2091 | 28 | 39 | 100 |
| 1.sSMPABC279 | 0.06172 | 2.138691 | 0.9141352 | 2.61283718 | 0.10741953 | 1.50097285 | 0.57446092 | 0.03626 | 2.59238831 | 664 | 46 | 51 | 658 | 9 | 13 | 100 |
| 1.sSMPABC280 | 0.06043 | 2.647692 | 0.82611683 | 3.08638168 | 0.09914883 | 1.5860269 | 0.51387906 | 0.03069 | 2.02020202 | 619 | 57 | 61 | 609 | 9 | 13 | 100 |
| 1.sSMPABC287 | 0.061304021 | 2.199459 | 0.88231564 | 2.65903138 | 0.10438395 | 1.4942643 | 0.56195813 | 0.0254 | 1.96850394 | 650 | 47 | 52 | 640 | 9 | 13 | 100 |
| 1.sSMPABC288 | 0.061209242 | 2.531485 | 0.87498782 | 2.98378796 | 0.10367731 | 1.57942199 | 0.52933453 | 0.03368 | 2.67220903 | 647 | 54 | 59 | 636 | 10 | 13 | 100 |
| 1.sSMPABC289 | 0.157378805 | 2.509859 | 9.81637481 | 3.05102957 | 0.45238023 | 1.73475856 | 0.56858137 | 0.07307 | 4.29724921 | 2428 | 43 | 46 | 2406 | 35 | 46 | 100 |
| 1.sSMPABC290 | 0.061123909 | 4.090053 | 0.86579946 | 4.77764952 | 0.1027318 | 2.46929243 | 0.51684252 | 0.03018 | 3.37972167 | 644 | 88 | 91 | 630 | 15 | 17 | 100 |

**Supplementary Material A** - U-Pb data (LA-ICP-MS) of reference materials employed.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | Ratios c |  |  |  |  |  |  |  |  | Dates c |  |  |  |
| Identifier | 207Pb/206Pb | 2s (%) | 207Pb/235U | 2s (%) | 206Pb/238U | 2s (%) | Rho | 208Pb/232Th | *2s (%)* | 207Pb/206Pb | 2s | 2ssys | 206Pb/238U | 2s | 2ssys | % conc |
|  |  |  | Data for Wetherill plot c | | | | |  |  |  | abs | abs |  | abs | abs |  |
| PRIMARY REF. MAT. | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ~~1.sSMPABC001~~ | ~~0.059049131~~ | ~~2.408712319~~ | ~~0.754409381~~ | ~~2.866901861~~ | ~~0.09266~~ | ~~1.554744753~~ | ~~0.542308327~~ | ~~0.02989~~ | ~~2.4757444~~ | ~~568.9~~ | ~~52.4~~ | ~~56.8~~ | ~~571.2~~ | ~~8.5~~ | ~~11.8~~ | ~~100.1~~ |
| ~~1.sSMPABC002~~ | ~~0.058674421~~ | ~~2.134861105~~ | ~~0.745577083~~ | ~~2.600198465~~ | ~~0.09216~~ | ~~1.484385435~~ | ~~0.570873899~~ | ~~0.03049~~ | ~~1.4430961~~ | ~~555.0~~ | ~~46.6~~ | ~~51.5~~ | ~~568.3~~ | ~~8.1~~ | ~~11.5~~ | ~~100.5~~ |
| 1.sSMPABC021 | 0.059074581 | 3.948196854 | 0.73453443 | 4.752360999 | 0.09018 | 2.645123185 | 0.556591384 | 0.02809 | 1.5663937 | 569.8 | 85.9 | 53.4 | 556.6 | 14.1 | 12.1 | 99.5 |
| 1.sSMPABC022 | 0.058779935 | 2.048909945 | 0.725278635 | 2.514230291 | 0.08949 | 1.457162308 | 0.579565966 | 0.02702 | 1.5544041 | 559.0 | 44.7 | 49.4 | 552.5 | 7.7 | 12.2 | 99.8 |
| 1.sSMPABC041 | 0.05884 | 2.073419443 | 0.732753443 | 2.524030493 | 0.09032 | 1.439326838 | 0.570249386 | 0.02678 | 1.7176998 | 561.2 | 45.2 | 98.9 | 557.4 | 7.7 | 14.1 | 99.9 |
| 1.sSMPABC042 | 0.058855831 | 2.077549741 | 0.725241296 | 2.537831911 | 0.08937 | 1.457524572 | 0.574318798 | 0.02737 | 1.6806723 | 561.8 | 45.3 | 54.1 | 551.8 | 7.7 | 7.3 | 99.6 |
| 1.sSMPABC061 | 0.058620474 | 2.353771279 | 0.740769466 | 2.84765942 | 0.09165 | 1.602786617 | 0.562843508 | 0.02726 | 1.7608217 | 553.0 | 51.4 | 85.9 | 565.3 | 8.7 | 16.6 | 100.4 |
| 1.sSMPABC062 | 0.058619974 | 2.08201949 | 0.737368484 | 2.535686959 | 0.09123 | 1.447378043 | 0.570803126 | 0.027 | 1.7777778 | 553.0 | 45.4 | 61.0 | 562.8 | 7.8 | 58.0 | 100.3 |
| 1.sSMPABC081 | 0.05902 | 2.100982718 | 0.743865109 | 2.561846587 | 0.09141 | 1.465922766 | 0.57221333 | 0.02797 | 1.8591348 | 567.8 | 45.7 | 104.0 | 563.9 | 7.9 | 125.5 | 99.9 |
| 1.sSMPABC082 | 0.0596 | 2.080536913 | 0.759146322 | 2.536271346 | 0.09238 | 1.450530418 | 0.571914523 | 0.02792 | 1.7908309 | 589.1 | 45.1 | 50.2 | 569.6 | 7.9 | 11.0 | 99.3 |
| 1.sSMPABC101 | 0.059142226 | 2.107722406 | 0.743611599 | 2.560747219 | 0.09119 | 1.454280776 | 0.567912664 | 0.02723 | 1.9096585 | 572.3 | 45.8 | 35.6 | 562.6 | 7.8 | 35.0 | 99.7 |
| ~~1.sSMPABC102~~ | ~~0.05887~~ | ~~2.072362833~~ | ~~0.747899975~~ | ~~2.531738808~~ | ~~0.09214~~ | ~~1.454308661~~ | ~~0.574430765~~ | ~~0.0277~~ | ~~1.8772563~~ | ~~562.3~~ | ~~45.2~~ | ~~48.5~~ | ~~568.2~~ | ~~7.9~~ | ~~9.4~~ | ~~100.2~~ |
| 1.sSMPABC101 | 0.059142226 | 2.107722406 | 0.743611599 | 2.560747219 | 0.09119 | 1.454280776 | 0.567912664 | 0.02723 | 1.9096585 | 572.3 | 45.8 | 35.6 | 562.6 | 7.8 | 35.0 | 99.7 |
| ~~1.sSMPABC102~~ | ~~0.05887~~ | ~~2.072362833~~ | ~~0.747899975~~ | ~~2.531738808~~ | ~~0.09214~~ | ~~1.454308661~~ | ~~0.574430765~~ | ~~0.0277~~ | ~~1.8772563~~ | ~~562.3~~ | ~~45.2~~ | ~~48.5~~ | ~~568.2~~ | ~~7.9~~ | ~~9.4~~ | ~~100.2~~ |
| 1.sSMPABC121 | 0.05869368 | 4.009308296 | 0.743636785 | 4.789395581 | 0.09189 | 2.61987729 | 0.547016267 | 0.02795 | 1.9320215 | 555.8 | 87.5 | 85.5 | 566.7 | 14.2 | 17.1 | 100.4 |
| 1.sSMPABC122 | 0.05923 | 2.093533682 | 0.748961857 | 2.552993685 | 0.09171 | 1.461127467 | 0.572319264 | 0.02836 | 1.9040903 | 575.6 | 45.5 | 37.4 | 565.6 | 7.9 | 41.4 | 99.7 |
| ~~1.sSMPABC141~~ | ~~0.05878~~ | ~~2.109561075~~ | ~~0.749350059~~ | ~~2.571733537~~ | ~~0.09246~~ | ~~1.470906338~~ | ~~0.571951299~~ | ~~0.02829~~ | ~~1.9794981~~ | ~~559.0~~ | ~~46.0~~ | ~~41.3~~ | ~~570.1~~ | ~~8.0~~ | ~~94.7~~ | ~~100.4~~ |
| ~~1.sSMPABC142~~ | ~~0.058967194~~ | ~~2.155980519~~ | ~~0.750760836~~ | ~~2.616555493~~ | ~~0.09234~~ | ~~1.482602662~~ | ~~0.566623817~~ | ~~0.02778~~ | ~~1.9438445~~ | ~~565.9~~ | ~~46.9~~ | ~~85.6~~ | ~~569.4~~ | ~~8.1~~ | ~~17.1~~ | ~~100.1~~ |
| ~~1.sSMPABC161~~ | ~~0.05888~~ | ~~2.105978261~~ | ~~0.750381346~~ | ~~2.569068815~~ | ~~0.09243~~ | ~~1.47138375~~ | ~~0.572730377~~ | ~~0.02747~~ | ~~2.0385876~~ | ~~562.7~~ | ~~45.9~~ | ~~38.3~~ | ~~569.9~~ | ~~8.0~~ | ~~38.0~~ | ~~100.3~~ |
| 1.sSMPABC162 | 0.05859 | 2.116402116 | 0.744908268 | 2.579626137 | 0.09221 | 1.474894263 | 0.571747294 | 0.02831 | 1.9780996 | 551.9 | 46.2 | 50.3 | 568.6 | 8.0 | 12.2 | 100.6 |
| ~~1.sSMPABC181~~ | ~~0.062459333~~ | ~~4.295194981~~ | ~~0.652523117~~ | ~~4.737327771~~ | ~~0.07577~~ | ~~1.998392977~~ | ~~0.421839711~~ | ~~0.02984~~ | ~~9.5174263~~ | ~~689.9~~ | ~~91.6~~ | ~~38.9~~ | ~~470.8~~ | ~~9.1~~ | ~~15.4~~ | ~~92.3~~ |
| ~~1.sSMPABC182~~ | ~~#DIV/0!~~ | ~~#DIV/0!~~ | ~~#DIV/0!~~ | ~~#DIV/0!~~ | ~~#DIV/0!~~ | ~~#DIV/0!~~ | ~~#DIV/0!~~ | ~~0.00623~~ | ~~23.434992~~ | ~~#NÚM!~~ | ~~#NÚM!~~ | ~~50.0~~ | ~~#VALOR!~~ | ~~#####~~ | ~~36.0~~ | ~~######~~ |
| 1.sSMPABC201 | 0.058412931 | 2.33664097 | 0.735730604 | 2.828697723 | 0.09135 | 1.594252108 | 0.563599318 | 0.02846 | 2.037948 | 545.3 | 51.1 | 63.3 | 563.5 | 8.6 | 15.2 | 100.6 |
| 1.sSMPABC202 | 0.05883 | 2.107768146 | 0.745445049 | 2.562959524 | 0.0919 | 1.458106638 | 0.568915203 | 0.02901 | 1.9993106 | 560.8 | 45.9 | 59.0 | 566.8 | 7.9 | 14.6 | 100.2 |
| 1.sSMPABC221 | 0.059184172 | 3.993990944 | 0.746913511 | 4.782239961 | 0.09153 | 2.630181626 | 0.549989471 | 0.02822 | 2.1261517 | 573.9 | 86.9 | 94.3 | 564.6 | 14.2 | 18.8 | 99.7 |
| 1.sSMPABC222 | 0.05892 | 2.138492872 | 0.748778904 | 2.598144212 | 0.09217 | 1.475534339 | 0.567918567 | 0.02796 | 2.074392 | 564.1 | 46.6 | 59.5 | 568.4 | 8.0 | 14.6 | 100.1 |
| 1.sSMPABC241 | 0.05888 | 2.139945652 | 0.740639297 | 2.595531765 | 0.09123 | 1.468815083 | 0.565901409 | 0.02864 | 2.0949721 | 562.7 | 46.6 | 59.5 | 562.8 | 7.9 | 14.6 | 100.0 |
| 1.sSMPABC242 | 0.05882 | 2.108126488 | 0.737451538 | 2.572134173 | 0.09093 | 1.473661058 | 0.572933198 | 0.02898 | 2.0703934 | 560.4 | 45.9 | 59.0 | 561.0 | 7.9 | 14.6 | 100.0 |
| 1.sSMPABC261 | 0.058689009 | 2.175863152 | 0.732572431 | 2.641569854 | 0.09053 | 1.497835385 | 0.567024712 | 0.02861 | 2.1670744 | 555.6 | 47.5 | 60.3 | 558.7 | 8.0 | 14.6 | 100.1 |
| 1.sSMPABC262 | 0.05911 | 2.131619015 | 0.736278842 | 2.584327676 | 0.09034 | 1.461146779 | 0.565387583 | 0.02866 | 2.1632938 | 571.1 | 46.4 | 59.2 | 557.5 | 7.8 | 14.6 | 99.5 |
| 1.sSMPABC261 | 0.058578779 | 2.180284561 | 0.739354117 | 2.648196327 | 0.09154 | 1.503097807 | 0.567593041 | 0.02819 | 2.1284143 | 551.5 | 47.6 | 52.4 | 564.6 | 8.1 | 11.5 | 100.5 |
| 1.sSMPABC262 | 0.05899 | 2.135955247 | 0.742998989 | 2.603606917 | 0.09135 | 1.48877942 | 0.571814205 | 0.02821 | 2.1269054 | 566.7 | 46.5 | 51.4 | 563.5 | 8.0 | 11.4 | 99.9 |
| 1.sSMPABC281 | 0.05908 | 2.166553825 | 0.748124085 | 2.624277317 | 0.09184 | 1.480836237 | 0.564283442 | 0.02836 | 2.2566996 | 570.0 | 47.1 | 50.6 | 566.4 | 8.0 | 12.4 | 99.9 |
| 1.sSMPABC282 | 0.05905 | 2.16765453 | 0.739846638 | 2.634135171 | 0.09087 | 1.496643557 | 0.568172649 | 0.02796 | 2.2889843 | 568.9 | 47.2 | 59.9 | 560.7 | 8.0 | 13.3 | 99.7 |
| 1.sSMPABC301 | 0.059182858 | 4.04902806 | 0.739552805 | 4.849361216 | 0.09063 | 2.668646842 | 0.550308942 | 0.02809 | 2.6343895 | 573.8 | 88.1 | 102.7 | 559.3 | 14.3 | 14.1 | 99.5 |
| 1.sSMPABC302 | 0.05852 | 2.221462748 | 0.743937607 | 2.678646288 | 0.0922 | 1.496746204 | 0.558769633 | 0.02829 | 2.6864616 | 549.3 | 48.5 | 55.5 | 568.5 | 8.2 | 7.2 | 100.7 |
| SECONDARY REF. MAT. | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.sSMPABC003 | 0.05961 | 2.247944976 | 0.80933255 | 2.663547189 | 0.09847061 | 1.428715162 | 0.536395664 | 0.03302 | 6.0569352 | 589.4 | 48.8 | 53.4 | 605.4 | 8.3 | 12.1 | 100.7 |
| 1.sSMPABC004 | 0.059792981 | 2.04595901 | 0.810101624 | 2.510433064 | 0.09826255 | 1.454759739 | 0.579485571 | 0.03114 | 2.6332691 | 596.1 | 44.3 | 49.4 | 604.2 | 8.5 | 12.2 | 100.5 |
| 1.sSMPABC023 | 0.05993 | 2.169197397 | 0.804016912 | 2.712855722 | 0.09730152 | 1.629162 | 0.600533964 | 0.02659 | 5.1147048 | 601.0 | 47.0 | 51.7 | 598.6 | 9.4 | 12.8 | 100.1 |
| 1.sSMPABC024 | 0.05991 | 2.336838591 | 0.805958267 | 2.745895053 | 0.09756902 | 1.441917141 | 0.525117353 | 0.03208 | 7.3566085 | 600.3 | 50.6 | 55.1 | 600.1 | 8.3 | 12.0 | 100.2 |
| 1.sSMPABC043 | 0.060026938 | 2.400017804 | 0.809007406 | 2.830606736 | 0.09774736 | 1.500749491 | 0.530186504 | 0.02689 | 8.107103 | 604.5 | 51.9 | 56.3 | 601.2 | 8.7 | 12.3 | 100.1 |
| 1.sSMPABC044 | 0.059847989 | 2.396864731 | 0.806186866 | 2.85285214 | 0.09769782 | 1.547192553 | 0.542331841 | 0.03105 | 5.1529791 | 598.1 | 51.9 | 56.3 | 600.9 | 9.0 | 12.5 | 100.3 |
| 1.sSMPABC063 | 0.060034482 | 2.200421246 | 0.811405348 | 2.695787704 | 0.09802477 | 1.557375255 | 0.577706936 | 0.02849 | 5.5458055 | 604.8 | 47.6 | 52.3 | 602.8 | 9.0 | 12.6 | 100.1 |
| 1.sSMPABC064 | 0.060511057 | 4.053532065 | 0.822558245 | 4.750229873 | 0.0985895 | 2.476602842 | 0.521364841 | 0.02925 | 7.7948718 | 621.9 | 87.4 | 90.1 | 606.1 | 14.5 | 16.9 | 99.6 |
| 1.sSMPABC083 | 0.06012 | 2.162341983 | 0.812561185 | 2.584172012 | 0.09802477 | 1.414998989 | 0.547563778 | 0.03108 | 4.8906049 | 607.9 | 46.8 | 51.5 | 602.8 | 8.2 | 12.0 | 100.0 |
| 1.sSMPABC084 | 0.06005 | 2.064945878 | 0.812763524 | 2.525131439 | 0.09816347 | 1.453371013 | 0.57556252 | 0.02865 | 3.8394415 | 605.4 | 44.7 | 49.7 | 603.6 | 8.5 | 12.2 | 100.1 |
| 1.sSMPABC103 | 0.05959 | 2.080886055 | 0.807432955 | 2.537260667 | 0.09827246 | 1.45175925 | 0.572175839 | 0.02942 | 3.942896 | 588.7 | 45.1 | 50.1 | 604.3 | 8.5 | 12.2 | 100.7 |
| 1.sSMPABC104 | 0.06014 | 2.327901563 | 0.811599189 | 2.735913511 | 0.09787616 | 1.437392449 | 0.525379345 | 0.03378 | 7.0455891 | 608.6 | 50.3 | 54.8 | 602.0 | 8.3 | 12.1 | 100.0 |
| 1.sSMPABC103 | 0.05959 | 2.080886055 | 0.809289169 | 2.537260667 | 0.09849838 | 1.45175925 | 0.572175839 | 0.02942 | 3.942896 | 588.7 | 45.1 | 50.1 | 605.6 | 8.5 | 12.2 | 100.7 |
| 1.sSMPABC104 | 0.06014 | 2.327901563 | 0.813464981 | 2.735913511 | 0.09810116 | 1.437392449 | 0.525379345 | 0.03378 | 7.0455891 | 608.6 | 50.3 | 54.8 | 603.3 | 8.3 | 12.1 | 100.0 |
| 1.sSMPABC123 | 0.06047 | 2.083677857 | 0.804675561 | 2.54367782 | 0.09651161 | 1.458966565 | 0.573565785 | 0.03327 | 3.8473099 | 620.4 | 45.0 | 49.9 | 593.9 | 8.5 | 12.1 | 99.5 |
| 1.sSMPABC124 | 0.05963 | 2.07949019 | 0.80033123 | 2.544640274 | 0.09734277 | 1.466599699 | 0.576348537 | 0.02892 | 3.9419087 | 590.2 | 45.1 | 50.1 | 598.8 | 8.6 | 12.3 | 100.8 |
| 1.sSMPABC143 | 0.060233327 | 3.924422935 | 0.807616767 | 4.647655702 | 0.09724498 | 2.489901233 | 0.53573272 | 0.03023 | 4.1018855 | 612.0 | 84.8 | 87.5 | 598.2 | 14.5 | 17.0 | 100.0 |
| 1.sSMPABC144 | 0.06008 | 2.097203728 | 0.80385991 | 2.561764419 | 0.09703964 | 1.471180975 | 0.574284257 | 0.03279 | 3.8426349 | 606.5 | 45.4 | 50.3 | 597.0 | 8.6 | 12.3 | 100.1 |
| 1.sSMPABC163 | 0.060241936 | 2.1900557 | 0.802940229 | 2.659817588 | 0.09666806 | 1.509399097 | 0.567482185 | 0.0314 | 4.0127389 | 612.3 | 47.3 | 52.1 | 594.9 | 8.8 | 12.4 | 99.8 |
| 1.sSMPABC164 | 0.06058 | 2.079894355 | 0.811039877 | 2.547100159 | 0.09709831 | 1.470292044 | 0.57724155 | 0.03162 | 3.9215686 | 624.4 | 44.8 | 49.8 | 597.4 | 8.6 | 12.3 | 99.5 |
| ~~1.sSMPABC183~~ | ~~0.05174~~ | ~~1.932740626~~ | ~~0.682506134~~ | ~~2.479722796~~ | ~~0.09567068~~ | ~~1.553556827~~ | ~~0.626504233~~ | ~~0.0185~~ | ~~2.0540541~~ | ~~273.9~~ | ~~44.3~~ | ~~49.9~~ | ~~589.0~~ | ~~8.9~~ | ~~12.4~~ | ~~111.9~~ |
| 1.sSMPABC184 | 0.060302142 | 3.937723365 | 0.812360605 | 4.652643082 | 0.09770456 | 2.478189328 | 0.532641186 | 0.03222 | 4.034761 | 614.4 | 85.0 | 87.8 | 600.9 | 14.5 | 17.0 | 100.0 |
| 1.sSMPABC203 | 0.06011 | 2.096157045 | 0.799155655 | 2.554671217 | 0.09642361 | 1.460298144 | 0.571618819 | 0.03205 | 3.9937598 | 607.5 | 45.3 | 57.9 | 593.4 | 8.5 | 14.5 | 100.0 |
| 1.sSMPABC204 | 0.06016 | 2.094414894 | 0.80128037 | 2.5517211 | 0.09659962 | 1.457637413 | 0.571236963 | 0.03155 | 4.0570523 | 609.3 | 45.3 | 57.8 | 594.5 | 8.5 | 12.6 | 99.9 |
| 1.sSMPABC223 | 0.06021 | 2.125892709 | 0.796832185 | 2.582922238 | 0.09598358 | 1.466992665 | 0.56795851 | 0.03183 | 3.8956959 | 611.1 | 45.9 | 58.3 | 590.8 | 8.5 | 12.7 | 99.7 |
| 1.sSMPABC224 | 0.05974 | 2.109139605 | 0.786584943 | 2.573447122 | 0.09549467 | 1.474503379 | 0.572968205 | 0.0315 | 4.0634921 | 594.2 | 45.7 | 58.4 | 588.0 | 8.5 | 12.7 | 100.2 |
| ~~1.sSMPABC243~~ | ~~0.06188~~ | ~~2.100840336~~ | ~~0.811758483~~ | ~~2.569787624~~ | ~~0.09514265~~ | ~~1.47995889~~ | ~~0.575907081~~ | ~~0.03325~~ | ~~3.9097744~~ | ~~670.0~~ | ~~45.0~~ | ~~56.7~~ | ~~585.9~~ | ~~8.5~~ | ~~12.7~~ | ~~97.5~~ |
| 1.sSMPABC244 | 0.060381445 | 2.130367224 | 0.794949321 | 2.594253415 | 0.09548489 | 1.480434487 | 0.570659165 | 0.03147 | 4.0673657 | 617.3 | 46.0 | 58.3 | 587.9 | 8.5 | 12.7 | 99.4 |
| ~~1.sSMPABC263~~ | ~~0.057788521~~ | ~~2.077674234~~ | ~~0.77414572~~ | ~~2.59669316~~ | ~~0.09715829~~ | ~~1.557589531~~ | ~~0.599835805~~ | ~~0.03409~~ | ~~4.2827809~~ | ~~521.8~~ | ~~45.6~~ | ~~50.6~~ | ~~597.7~~ | ~~8.9~~ | ~~12.4~~ | ~~102.8~~ |
| 1.sSMPABC264 | 0.0587 | 2.555366269 | 0.789578176 | 3.09984242 | 0.0975564 | 1.75474393 | 0.566075204 | 0.04185 | 7.0728793 | 556.0 | 55.7 | 59.9 | 600.1 | 10.1 | 13.3 | 101.6 |
| ~~1.sSMPABC283~~ | ~~0.064~~ | ~~2.40625~~ | ~~0.864996694~~ | ~~2.847728869~~ | ~~0.09802418~~ | ~~1.522997259~~ | ~~0.534811188~~ | ~~0.05627~~ | ~~5.189266~~ | ~~741.6~~ | ~~50.9~~ | ~~55.1~~ | ~~602.8~~ | ~~8.8~~ | ~~12.4~~ | ~~95.4~~ |
| 1.sSMPABC284 | 0.059836875 | 2.219092012 | 0.803474454 | 2.701110849 | 0.0973872 | 1.540009891 | 0.570139464 | 0.03214 | 4.6670815 | 597.7 | 48.1 | 52.8 | 599.1 | 8.9 | 12.4 | 100.1 |
| 1.sSMPABC303 | 0.05992 | 2.20293725 | 0.804261723 | 2.684179033 | 0.09734739 | 1.533585523 | 0.571342486 | 0.04697 | 3.7470726 | 600.7 | 47.7 | 52.4 | 598.8 | 8.8 | 12.3 | 100.0 |
| 1.sSMPABC304 | 0.05982 | 2.340354397 | 0.804397112 | 2.807741803 | 0.09752654 | 1.551178692 | 0.552464863 | 0.03087 | 5.2478134 | 597.1 | 50.7 | 55.2 | 599.9 | 8.9 | 12.4 | 100.2 |
| TERCIARY REF. MAT. | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ~~1.sSMPABC005~~ | ~~0.05324433~~ | ~~4.25122647~~ | ~~0.396358311~~ | ~~5.830182678~~ | ~~0.05399~~ | ~~3.989749811~~ | ~~0.684326724~~ | ~~0.01828~~ | ~~1.6411379~~ | ~~339.2~~ | ~~96.3~~ | ~~98.9~~ | ~~339.0~~ | ~~13.2~~ | ~~14.1~~ | ~~100.0~~ |
| 1.sSMPABC006 | 0.053090797 | 2.165842792 | 0.396679423 | 2.706385524 | 0.05419 | 1.622851689 | 0.599638032 | 0.01843 | 2.2788931 | 332.7 | 49.1 | 54.1 | 340.2 | 5.4 | 7.3 | 100.3 |
| 1.sSMPABC025 | 0.053299012 | 2.112634147 | 0.398823052 | 2.543661513 | 0.05427 | 1.416683046 | 0.55694637 | 0.01679 | 2.2632519 | 341.5 | 47.8 | 53.0 | 340.7 | 4.7 | 6.9 | 100.0 |
| 1.sSMPABC026 | 0.05326 | 2.328201277 | 0.398384267 | 2.796072922 | 0.05425 | 1.548387097 | 0.553772072 | 0.01619 | 4.0765905 | 339.9 | 52.7 | 57.4 | 340.6 | 5.1 | 7.2 | 100.0 |
| 1.sSMPABC045 | 0.052898268 | 2.381761429 | 0.393198688 | 2.876328929 | 0.05391 | 1.612600572 | 0.560645396 | 0.0165 | 3.5151515 | 324.4 | 54.1 | 58.7 | 338.5 | 5.3 | 7.3 | 100.5 |
| 1.sSMPABC046 | 0.053079413 | 2.066072947 | 0.396155251 | 2.543388639 | 0.05413 | 1.483296446 | 0.58319693 | 0.01664 | 1.8028846 | 332.2 | 46.8 | 52.1 | 339.8 | 4.9 | 7.0 | 100.3 |
| ~~1.sSMPABC065~~ | ~~0.05341~~ | ~~2.209324097~~ | ~~0.406870437~~ | ~~2.621868141~~ | ~~0.05525~~ | ~~1.411764706~~ | ~~0.538457554~~ | ~~0.0165~~ | ~~3.3939394~~ | ~~346.3~~ | ~~50.0~~ | ~~54.9~~ | ~~346.7~~ | ~~4.8~~ | ~~7.0~~ | ~~100.0~~ |
| 1.sSMPABC066 | 0.053225275 | 2.081157906 | 0.398638233 | 2.539833664 | 0.05432 | 1.45586291 | 0.573211911 | 0.01618 | 1.9777503 | 338.4 | 47.1 | 52.3 | 341.0 | 4.8 | 7.0 | 100.1 |
| ~~1.sSMPABC085~~ | ~~0.05327368~~ | ~~4.339958086~~ | ~~0.397090969~~ | ~~5.873553103~~ | ~~0.05406~~ | ~~3.957700073~~ | ~~0.673817024~~ | ~~0.01577~~ | ~~3.043754~~ | ~~340.5~~ | ~~98.3~~ | ~~100.9~~ | ~~339.4~~ | ~~13.1~~ | ~~14.0~~ | ~~100.0~~ |
| 1.sSMPABC086 | 0.053232706 | 2.156779481 | 0.399427862 | 2.651044401 | 0.05442 | 1.541537766 | 0.581483194 | 0.01746 | 2.2909507 | 338.7 | 48.8 | 53.9 | 341.6 | 5.1 | 7.2 | 100.1 |
| 1.sSMPABC105 | 0.05336 | 2.248875562 | 0.397807957 | 2.671790095 | 0.05407 | 1.442574441 | 0.539928059 | 0.01693 | 3.4258712 | 344.1 | 50.9 | 55.7 | 339.5 | 4.8 | 6.9 | 99.8 |
| 1.sSMPABC106 | 0.05317029 | 2.079461583 | 0.399326087 | 2.554071328 | 0.05447 | 1.482942978 | 0.58061925 | 0.01654 | 2.2974607 | 336.1 | 47.1 | 52.3 | 341.9 | 4.9 | 7.0 | 100.2 |
| ~~1.sSMPABC125~~ | ~~0.05264266~~ | ~~2.204074645~~ | ~~0.401678194~~ | ~~2.718943113~~ | ~~0.05534~~ | ~~1.592076196~~ | ~~0.585549653~~ | ~~0.01742~~ | ~~2.0665901~~ | ~~313.4~~ | ~~50.1~~ | ~~55.1~~ | ~~347.2~~ | ~~5.4~~ | ~~7.4~~ | ~~101.3~~ |
| ~~1.sSMPABC165~~ | ~~0.05355~~ | ~~2.091503268~~ | ~~0.405131218~~ | ~~2.549534364~~ | ~~0.05487~~ | ~~1.457991617~~ | ~~0.571865842~~ | ~~0.01795~~ | ~~2.005571~~ | ~~352.2~~ | ~~47.3~~ | ~~52.4~~ | ~~344.4~~ | ~~4.9~~ | ~~7.0~~ | ~~99.7~~ |
| ~~1.sSMPABC185~~ | ~~0.060386643~~ | ~~2.147908966~~ | ~~0.825034279~~ | ~~2.613272637~~ | ~~0.09909~~ | ~~1.488516358~~ | ~~0.569598571~~ | ~~0.03223~~ | ~~3.9714552~~ | ~~617.5~~ | ~~46.4~~ | ~~58.5~~ | ~~609.1~~ | ~~8.7~~ | ~~12.3~~ | ~~99.7~~ |
| 1.sSMPABC186 | 0.0536 | 2.089552239 | 0.400484042 | 2.558447238 | 0.05419 | 1.476287138 | 0.577024656 | 0.01763 | 2.2688599 | 354.3 | 47.2 | 63.3 | 340.2 | 4.9 | 7.0 | 99.5 |
| ~~1.sSMPABC205~~ | ~~0.05319029~~ | ~~2.134714247~~ | ~~0.402483183~~ | ~~2.607249628~~ | ~~0.05488~~ | ~~1.496912056~~ | ~~0.574134536~~ | ~~0.01736~~ | ~~2.4193548~~ | ~~336.9~~ | ~~48.4~~ | ~~64.4~~ | ~~344.4~~ | ~~5.0~~ | ~~13.2~~ | ~~100.3~~ |
| ~~1.sSMPABC206~~ | ~~0.052866966~~ | ~~2.145150583~~ | ~~0.398578772~~ | ~~2.645151705~~ | ~~0.05468~~ | ~~1.547629322~~ | ~~0.585081498~~ | ~~0.01782~~ | ~~2.2446689~~ | ~~323.1~~ | ~~48.7~~ | ~~65.0~~ | ~~343.2~~ | ~~5.2~~ | ~~15.3~~ | ~~100.8~~ |
| ~~1.sSMPABC225~~ | ~~0.053398739~~ | ~~4.292700293~~ | ~~0.399348404~~ | ~~5.847989385~~ | ~~0.05424~~ | ~~3.971360477~~ | ~~0.679098442~~ | ~~0.01704~~ | ~~2.3474178~~ | ~~345.8~~ | ~~97.1~~ | ~~105.9~~ | ~~340.5~~ | ~~13.2~~ | ~~19.5~~ | ~~99.8~~ |
| 1.sSMPABC226 | 0.053693386 | 2.147609428 | 0.402070184 | 2.623749746 | 0.05431 | 1.50726125 | 0.574468374 | 0.01718 | 2.4447031 | 358.2 | 48.5 | 64.2 | 340.9 | 5.0 | 16.6 | 99.4 |
| ~~1.sSMPABC245~~ | ~~0.053444403~~ | ~~4.289032492~~ | ~~0.400426801~~ | ~~5.84033466~~ | ~~0.05434~~ | ~~3.964052122~~ | ~~0.678737153~~ | ~~0.01813~~ | ~~2.4269167~~ | ~~347.7~~ | ~~97.0~~ | ~~105.8~~ | ~~341.1~~ | ~~13.2~~ | ~~751.6~~ | ~~99.8~~ |
| 1.sSMPABC246 | 0.053628928 | 2.130758943 | 0.402179056 | 2.593148167 | 0.05439 | 1.477932252 | 0.569937449 | 0.01767 | 2.37691 | 355.5 | 48.1 | 63.9 | 341.4 | 4.9 | 42.2 | 99.5 |
| 1.sSMPABC265 | 0.053390624 | 4.427388721 | 0.398625187 | 5.961244971 | 0.05415 | 3.991825487 | 0.6696295 | 0.01759 | 3.9795338 | 345.4 | 100.2 | 102.7 | 340.0 | 13.2 | 14.1 | 99.8 |
| 1.sSMPABC266 | 0.05353 | 2.241733607 | 0.397673 | 2.751914078 | 0.05388 | 1.596139569 | 0.580010685 | 0.01781 | 3.2565974 | 351.3 | 50.7 | 55.5 | 338.3 | 5.3 | 7.2 | 99.5 |
| 1.sSMPABC285 | 0.05345 | 2.881197381 | 0.395825835 | 3.278300207 | 0.05371 | 1.563954571 | 0.477062646 | 0.0163 | 6.3803681 | 347.9 | 65.2 | 69.0 | 337.3 | 5.1 | 7.1 | 99.6 |
| 1.sSMPABC286 | 0.05339 | 2.359992508 | 0.395602345 | 2.81030772 | 0.05374 | 1.525865277 | 0.542953096 | 0.01585 | 3.9116719 | 345.4 | 53.4 | 58.0 | 337.4 | 5.0 | 7.0 | 99.7 |
| 1.sSMPABC305 | 0.053346025 | 2.474568785 | 0.395202955 | 2.947230205 | 0.05373 | 1.600835785 | 0.543166184 | 0.01589 | 4.4052863 | 343.5 | 56.0 | 60.4 | 337.4 | 5.3 | 7.2 | 99.8 |
| 1.sSMPABC306 | 0.05317388 | 2.662566147 | 0.399133101 | 3.101624061 | 0.05444 | 1.590853019 | 0.512909685 | 0.01752 | 4.7945205 | 336.2 | 60.3 | 64.5 | 341.7 | 5.3 | 7.3 | 100.2 |