

| row.names | probe | CHROM | CHROM.POS | FRAG.POS | ABS.POS | density |
|-----------|-------|------------|-----------|------------|--------------|---------|
| X1 | 1 | 0.932544 | 932310 | 0.932544 | 0.0006195787 | |
| X426 | 426 | 17.167938 | 17167771 | 17.167938 | 0.0006195787 | |
| X427 | 427 | 17.245434 | 17244982 | 17.245434 | 0.01032832 | |
| X529 | 529 | 20.646651 | 20646084 | 20.646651 | 0.01032832 | |
| X530 | 530 | 20.871561 | 20870842 | 20.871561 | 0.0006195787 | |
| X851 | 851 | 31.197165 | 31196844 | 31.197165 | 0.0006195787 | |
| X852 | 852 | 31.309091 | 31308288 | 31.309091 | 0.0007903437 | |
| X889 | 889 | 32.72024 | 32720205 | 32.72024 | 0.0007903437 | |
| X890 | 890 | 32.735021 | 32734836 | 32.735021 | 0.002343139 | |
| X944 | 944 | 34.115252 | 34115136 | 34.115252 | 0.002343139 | |
| X945 | 945 | 34.161118 | 34160968 | 34.161118 | 0.002516659 | |
| X1135 | 1135 | 40.05375 | 40052781 | 40.05375 | 0.002516659 | |
| X1136 | 1136 | 40.057479 | 40057466 | 40.057479 | 0.003296691 | |
| X1182 | 1182 | 41.545391 | 41544691 | 41.545391 | 0.003296691 | |
| X1183 | 1183 | 41.554888 | 41554782 | 41.554888 | 0.003477686 | |
| X1533 | 1533 | 51.720212 | 51720057 | 51.720212 | 0.003477686 | |
| X1534 | 1534 | 52.088027 | 52088027 | 52.088027 | 0.001924891 | |
| X1614 | 1614 | 54.913957 | 54913750 | 54.913957 | 0.001924891 | |
| X1615 | 1615 | 54.971983 | 54971173 | 54.971983 | 0.001305312 | |
| X2417 | 2417 | 80.373536 | 80373000 | 80.373536 | 0.001305312 | |
| X2418 | 2418 | 80.375682 | 80375656 | 80.375682 | 0.0005252812 | |
| X2600 | 2600 | 87.299857 | 87299594 | 87.299857 | 0.0005252812 | |
| X2601 | 2601 | 87.359697 | 87359242 | 87.359697 | 0.00218091 | |
| X3076 | 3076 | 102.086639 | 102086252 | 102.086639 | 0.00218091 | |
| X3077 | 3077 | 102.089928 | 102089895 | 102.089928 | 0.03636894 | |
| X3112 | 3112 | 104.236822 | 104236352 | 104.236822 | 0.03636894 | |
| X3113 | 3113 | 104.258026 | 104257146 | 104.258026 | 0.008591167 | |
| X3204 | 3204 | 107.881635 | 107881512 | 107.881635 | 0.008591167 | |
| X3205 | 3205 | 107.924995 | 107924994 | 107.924995 | 0.006935538 | |
| X3232 | 3232 | 108.890885 | 108890614 | 108.890885 | 0.006935538 | |
| X3233 | 3233 | 108.940352 | 108939895 | 108.940352 | 0.0005252812 | |
| X3246 | 3246 | 109.178139 | 109177724 | 109.178139 | 0.0005252812 | |
| X3247 | 3247 | 109.610233 | 109610100 | 109.610233 | 0.008735625 | |
| X3350 | 3350 | 112.52978 | 112529107 | 112.52978 | 0.008735625 | |
| X3351 | 3351 | 112.593903 | 112593643 | 112.593903 | 0.00903351 | |
| X3464 | 3464 | 116.161498 | 116160804 | 116.161498 | 0.00903351 | |
| X3465 | 3465 | 116.377788 | 116377543 | 116.377788 | 0.004446355 | |
| X3522 | 3522 | 117.810999 | 117810411 | 117.810999 | 0.004446355 | |
| X3523 | 3523 | 117.882599 | 117882449 | 117.882599 | 0.0008231663 | |
| X3544 | 3544 | 118.416501 | 118416133 | 118.416501 | 0.0008231663 | |
| X3545 | 3545 | 118.514552 | 118514103 | 118.514552 | 0.001139322 | |
| X3574 | 3574 | 119.423602 | 119423477 | 119.423602 | 0.001139322 | |
| X3575 | 3575 | 119.462238 | 119462045 | 119.462238 | 0.008868789 | |
| X3584 | 3584 | 119.650258 | 119649766 | 119.650258 | 0.008868789 | |
| X3585 | 3585 | 119.650965 | 119650515 | 119.650965 | 0.009188994 | |
| X3607 | 3607 | 120.091859 | 120091250 | 120.091859 | 0.009188994 | |
| X3608 | 3608 | 120.098982 | 120098962 | 120.098982 | 0.01065585 | |
| X36081 | 3608 | 120.098982 | 120098962 | 120.098982 | 0.01065585 | |
| X3609 | 3609 | 120.396652 | 120396652 | 120.396652 | 0.01130122 | |
| X36092 | 3609 | 120.396652 | 120396652 | 120.396652 | 0.01130122 | |
| X3610 | 3610 | 120.475098 | 120474773 | 120.475098 | 0.01259237 | |
| X36103 | 3610 | 120.475098 | 120474773 | 120.475098 | 0.01259237 | |
| X3611 | 3611 | 120.50056 | 120500280 | 120.50056 | 0.01420684 | |
| X36114 | 3611 | 120.50056 | 120500280 | 120.50056 | 0.01420684 | |
| X3612 | 3612 | 120.537179 | 120536962 | 120.537179 | 0.01452984 | |
| X3617 | 3617 | 141.419585 | 141419532 | 141.419585 | 0.01452984 | |
| X3618 | 3618 | 141.445086 | 141444533 | 141.445086 | 0.01661752 | |
| X36185 | 3618 | 141.445086 | 141444533 | 141.445086 | 0.01661752 | |
| X3619 | 3619 | 141.468265 | 141468232 | 141.468265 | 0.01726498 | |
| X3622 | 3622 | 142.17609 | 142175445 | 142.17609 | 0.01726498 | |
| X3623 | 3623 | 142.343042 | 142342707 | 142.343042 | 0.019816 | |
| X3627 | 3627 | 142.375666 | 142375487 | 142.375666 | 0.019816 | |
| X3628 | 3628 | 142.401944 | 142401922 | 142.401944 | 0.02636722 | |
| X3642 | 3642 | 142.619895 | 142619818 | 142.619895 | 0.02636722 | |
| X3643 | 3643 | 142.883026 | 142882211 | 142.883026 | 0.04523993 | |
| X36436 | 3643 | 142.883026 | 142882211 | 142.883026 | 0.04523993 | |
| X3644 | 3644 | 142.922397 | 142921889 | 142.922397 | 0.04589267 | |
| X3649 | 3649 | 143.039706 | 143039541 | 143.039706 | 0.04589267 | |
| X3650 | 3650 | 143.074115 | 143073914 | 143.074115 | 0.04621968 | |
| X3655 | 3655 | 143.204374 | 143204292 | 143.204374 | 0.04621968 | |
| X3656 | 3656 | 143.244593 | 143244549 | 143.244593 | 0.04677897 | |
| X3664 | 3664 | 143.753419 | 143753120 | 143.753419 | 0.04677897 | |
| X3665 | 3665 | 143.826987 | 143826699 | 143.826987 | 0.04710759 | |
| X3700 | 3700 | 145.311463 | -1 | 145.311463 | 0.04710759 | |
| X3701 | 3701 | 145.340662 | 145340017 | 145.340662 | 0.02986621 | |
| X3712 | 3712 | 146.572267 | 146572261 | 146.572267 | 0.02986621 | |
| X3713 | 3713 | 146.79757 | 146797486 | 146.79757 | 0.02328761 | |
| X37137 | 3713 | 146.79757 | 146797486 | 146.79757 | 0.02328761 | |
| X3714 | 3714 | 146.871318 | 146871239 | 146.871318 | 0.02362161 | |

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| X3722 | 3722 | 1 | 147.113206 | 147112840 | 147.113206 | 0.02362161 |
| X3723 | 3723 | 1 | 147.141105 | 147140760 | 147.141105 | 0.02498968 |
| X3858 | 3858 | 1 | 152.696323 | 152696194 | 152.696323 | 0.02498968 |
| X3859 | 3859 | 1 | 152.76322 | 152763095 | 152.76322 | 0.02066067 |
| X4014 | 4014 | 1 | 156.527501 | 156527202 | 156.527501 | 0.02066067 |
| X4015 | 4015 | 1 | 156.546747 | 156546591 | 156.546747 | 0.01810965 |
| X4077 | 4077 | 1 | 158.336843 | 158336693 | 158.336843 | 0.01810965 |
| X4078 | 4078 | 1 | 158.358763 | 158358287 | 158.358763 | 0.01588743 |
| X4096 | 4096 | 1 | 158.904658 | 158904586 | 158.904658 | 0.01588743 |
| X4097 | 4097 | 1 | 158.931788 | 158931573 | 158.931788 | 0.01379975 |
| X4291 | 4291 | 1 | 165.121816 | 165121652 | 165.121816 | 0.01379975 |
| X4292 | 4292 | 1 | 165.122466 | 165122332 | 165.122466 | 0.01567592 |
| X4368 | 4368 | 1 | 166.853424 | 166853236 | 166.853424 | 0.01567592 |
| X4369 | 4369 | 1 | 166.858809 | 166858771 | 166.858809 | 0.01625396 |
| X4431 | 4431 | 1 | 169.056267 | 169055990 | 169.056267 | 0.01625396 |
| X4432 | 4432 | 1 | 169.201354 | 169201246 | 169.201354 | 0.01903173 |
| X4504 | 4504 | 1 | 171.425794 | 171425676 | 171.425794 | 0.01903173 |
| X4505 | 4505 | 1 | 171.618209 | 171617396 | 171.618209 | 0.01948566 |
| X4690 | 4690 | 1 | 176.210185 | 176209364 | 176.210185 | 0.01948566 |
| X4691 | 4691 | 1 | 176.211003 | 176210338 | 176.211003 | 0.0184526 |
| X4727 | 4727 | 1 | 177.543741 | 177543006 | 177.543741 | 0.0184526 |
| X4728 | 4728 | 1 | 177.659095 | 177659094 | 177.659095 | 0.01895765 |
| X4791 | 4791 | 1 | 178.998922 | 178998594 | 178.998922 | 0.01895765 |
| X4792 | 4792 | 1 | 179.001183 | 179000941 | 179.001183 | 0.01617987 |
| X4824 | 4824 | 1 | 179.726749 | 179726374 | 179.726749 | 0.01617987 |
| X4825 | 4825 | 1 | 179.734937 | 179734839 | 179.734937 | 0.01348201 |
| X4997 | 4997 | 1 | 185.973896 | 185973185 | 185.973896 | 0.01348201 |
| X4998 | 4998 | 1 | 186.013205 | 186012958 | 186.013205 | 0.0140668 |
| X5299 | 5299 | 1 | 199.23252 | 199232429 | 199.23252 | 0.0140668 |
| X5300 | 5300 | 1 | 199.284909 | 199284078 | 199.284909 | 0.01998396 |
| X5443 | 5443 | 1 | 203.582529 | 203582486 | 203.582529 | 0.01998396 |
| X5444 | 5444 | 1 | 203.583024 | 203582796 | 203.583024 | 0.01942468 |
| X5468 | 5468 | 1 | 204.067976 | 204067876 | 204.067976 | 0.01942468 |
| X5469 | 5469 | 1 | 204.144671 | 204143598 | 204.144671 | 0.01350752 |
| X5829 | 5829 | 1 | 215.815358 | 215815124 | 215.815358 | 0.01350752 |
| X5830 | 5830 | 1 | 215.866409 | 215866192 | 215.866409 | 0.024994 |
| X5927 | 5927 | 1 | 218.688945 | 218688882 | 218.688945 | 0.024994 |
| X5928 | 5928 | 1 | 218.714753 | 218714745 | 218.714753 | 0.02945828 |
| X5960 | 5960 | 1 | 219.528432 | 219528129 | 219.528432 | 0.02945828 |
| X5961 | 5961 | 1 | 219.544433 | 219544320 | 219.544433 | 0.0218247 |
| X5985 | 5985 | 1 | 220.24619 | 220246081 | 220.24619 | 0.0218247 |
| X5986 | 5986 | 1 | 220.318784 | 220318670 | 220.318784 | 0.02320974 |
| X6098 | 6098 | 1 | 224.315851 | 224315345 | 224.315851 | 0.02320974 |
| X6099 | 6099 | 1 | 224.362221 | 224361654 | 224.362221 | 0.0226317 |
| X6151 | 6151 | 1 | 226.421608 | 226421344 | 226.421608 | 0.0226317 |
| X6152 | 6152 | 1 | 226.572321 | 226571829 | 226.572321 | 0.01816742 |
| X6185 | 6185 | 1 | 227.594607 | 227594514 | 227.594607 | 0.01816742 |
| X6186 | 6186 | 1 | 227.634451 | 227634435 | 227.634451 | 0.02008313 |
| X6277 | 6277 | 1 | 230.134918 | 230134813 | 230.134918 | 0.02008313 |
| X6278 | 6278 | 1 | 230.135154 | 230135026 | 230.135154 | 0.01785098 |
| X6446 | 6446 | 1 | 236.193631 | 236193552 | 236.193631 | 0.01785098 |
| X6447 | 6447 | 1 | 236.202872 | 236202558 | 236.202872 | 0.01623023 |
| X6493 | 6493 | 1 | 237.407611 | 237407535 | 237.407611 | 0.01623023 |
| X6494 | 6494 | 1 | 237.514565 | 237513653 | 237.514565 | 0.02221826 |
| X6660 | 6660 | 1 | 243.116626 | 243116542 | 243.116626 | 0.02221826 |
| X6661 | 6661 | 1 | 243.459615 | 243459207 | 243.459615 | 0.01623023 |
| X6707 | 6707 | 1 | 245.420384 | 245419725 | 245.420384 | 0.01623023 |
| X6708 | 6708 | 2 | 0.005645 | 5639 | 245.528492 | 0.0005188951 |
| X7187 | 7187 | 2 | 13.267067 | 13266897 | 258.789914 | 0.0005188951 |
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| X7225 | 7225 | 2 | 14.697408 | 14696869 | 260.220255 | 0.02683468 |
| X7226 | 7226 | 2 | 14.697811 | 14697535 | 260.220658 | 0.0005188951 |
| X9524 | 9524 | 2 | 86.624969 | 86624614 | 332.147816 | 0.0005188951 |
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| X9675 | 9675 | 2 | 98.803359 | 98803322 | 344.326206 | 0.0001639075 |
| X9676 | 9676 | 2 | 98.842808 | 98842713 | 344.365655 | 0 |
| X10425 | 10425 | 2 | 124.261219 | 124260926 | 369.784066 | 0 |
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| X10446 | 10446 | 2 | 125.125585 | 125125387 | 370.648432 | 0.03225806 |
| X10447 | 10447 | 2 | 125.158751 | 125158572 | 370.681598 | 0.04110762 |
| X10456 | 10456 | 2 | 125.286297 | 125286093 | 370.809144 | 0.04110762 |
| X10457 | 10457 | 2 | 125.296985 | 125296501 | 370.819832 | 0.008849557 |
| X10559 | 10559 | 2 | 128.777312 | 128777295 | 374.300159 | 0.008849557 |
| X10560 | 10560 | 2 | 128.806798 | 128806347 | 374.329645 | 0 |
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| X10782 | 10782 | 2 | 137.428894 | 137428557 | 382.951787 | 0.001152074 |
| X11167 | 11167 | 2 | 149.224913 | 149224901 | 394.74776 | 0.001152074 |
| X11168 | 11168 | 2 | 149.388897 | 149388969 | 394.911817 | 0.007863483 |
| X11316 | 11316 | 2 | 153.231814 | 153231442 | 398.754661 | 0.007863483 |
| X11317 | 11317 | 2 | 153.24305 | 153242578 | 398.765897 | 0.001152074 |
| X11539 | 11539 | 2 | 160.227586 | 160227389 | 405.750433 | 0.001152074 |

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| X11540 | 11540 | 2 | 160.274503 | 160274489 | 405.79735 | 0.003922157 |
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| X11650 | 11650 | 2 | 164.079662 | 164078885 | 409.602509 | 0.002770083 |
| X11785 | 11785 | 2 | 168.99913 | 168999114 | 414.521977 | 0.002770083 |
| X11786 | 11786 | 2 | 169.009901 | 169009805 | 414.532748 | 0.003205055 |
| X11900 | 11900 | 2 | 172.561576 | 172561530 | 418.084423 | 0.003205055 |
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| X12746 | 12746 | 2 | 202.614922 | 202614695 | 448.137769 | 0.02032621 |
| X12747 | 12747 | 2 | 202.666919 | 202666335 | 448.189766 | 0.002144391 |
| X13255 | 13255 | 2 | 218.217858 | 218217728 | 463.740705 | 0.002144391 |
| X13256 | 13256 | 2 | 218.253049 | 218252929 | 463.775896 | 0.006530356 |
| X13483 | 13483 | 2 | 223.479586 | 223479020 | 469.002433 | 0.006530356 |
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| X13840 | 13840 | 2 | 234.892587 | 234892310 | 480.415434 | 0.001051495 |
| X13841 | 13841 | 2 | 234.921511 | 234921425 | 480.444358 | 0.005149855 |
| X13965 | 13965 | 2 | 237.940363 | 237940257 | 483.46321 | 0.005149855 |
| X13966 | 13966 | 2 | 237.952394 | 237952067 | 483.475241 | 0.004533332 |
| X14084 | 14084 | 2 | 242.701102 | 242700650 | 488.223949 | 0.004533332 |
| X14085 | 14085 | 3 | 0.056866 | 56571 | 488.597942 | 0.004604821 |
| X14620 | 14620 | 3 | 15.5971 15596928 | 155971 | 504.138176 | 0.004604821 |
| X14621 | 14621 | 3 | 15.694826 | 15694456 | 504.235902 | 0.00273915 |
| X14691 | 14691 | 3 | 18.165822 | 18165621 | 506.706898 | 0.00273915 |
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| X14706 | 14706 | 3 | 18.669352 | 186693058 | 507.210428 | 0.001091703 |
| X14707 | 14707 | 3 | 18.679465 | 18679292 | 507.220541 | 0.02966313 |
| X14741 | 14741 | 3 | 19.83914 | 19838547 | 508.380216 | 0.02966313 |
| X14742 | 14742 | 3 | 19.883874 | 19883652 | 508.42495 | 0.001091703 |
| X147428 | 147428 | 3 | 19.883874 | 19883652 | 508.42495 | 0.001091703 |
| X14743 | 14743 | 3 | 20.030424 | 20030064 | 508.5715 | 0.002478666 |
| X15000 | 15000 | 3 | 28.052551 | 28052338 | 516.593627 | 0.002478666 |
| X15001 | 15001 | 3 | 28.086041 | 28085740 | 516.627117 | 0.001386963 |
| X15057 | 15057 | 3 | 30.045845 | 30045816 | 518.586921 | 0.001386963 |
| X15058 | 15058 | 3 | 30.080948 | 30080892 | 518.622024 | 0.001626771 |
| X15463 | 15463 | 3 | 42.78371 | 42783029 | 531.324786 | 0.001626771 |
| X15464 | 15464 | 3 | 42.821912 | 42821862 | 531.362988 | 0.0002398082 |
| X16580 | 16580 | 3 | 81.635569 | 81635569 | 570.176645 | 0.0002398082 |
| X16581 | 16581 | 3 | 81.704166 | 81703941 | 570.245242 | 0.0006175943 |
| X16738 | 16738 | 3 | 89.483807 | 89482823 | 578.024883 | 0.0006175943 |
| X16739 | 16739 | 3 | 89.520251 | 89519743 | 578.061327 | 0.006465548 |
| X16758 | 16758 | 3 | 90.197001 | 90196296 | 578.738077 | 0.006465548 |
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| X16761 | 16761 | 3 | 90.222574 | 90222574 | 578.76365 | 0.007143284 |
| X16762 | 16762 | 3 | 95.114203 | 95113904 | 583.655279 | 0.02380995 |
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| X16764 | 16764 | 3 | 95.164139 | 95163785 | 583.705215 | 0.02414939 |
| X16821 | 16821 | 3 | 97.661209 | 97660588 | 586.202285 | 0.02414939 |
| X16822 | 16822 | 3 | 97.702517 | 97702302 | 586.243593 | 0.007482728 |
| X16909 | 16909 | 3 | 100.902856 | 100902795 | 589.443932 | 0.007482728 |
| X16910 | 16910 | 3 | 100.95714 | 100956289 | 589.498216 | 0.001634774 |
| X16917 | 16917 | 3 | 101.126628 | 101126656 | 589.667704 | 0.001634774 |
| X16918 | 16918 | 3 | 101.224935 | 101224460 | 589.766011 | 0.004533325 |
| X17262 | 17262 | 3 | 112.483231 | 112482792 | 601.024307 | 0.004533325 |
| X17263 | 17263 | 3 | 112.531083 | 112530395 | 601.072159 | 0.001634774 |
| X17277 | 17277 | 3 | 113.299667 | 113299378 | 601.840743 | 0.001634774 |
| X17278 | 17278 | 3 | 113.300085 | 113300024 | 601.841161 | 0.003780697 |
| X17361 | 17361 | 3 | 116.447554 | 116447299 | 604.98863 | 0.003780697 |
| X17362 | 17362 | 3 | 116.448039 | 116447774 | 604.989115 | 0.02505729 |
| X17408 | 17408 | 3 | 117.855177 | 117855035 | 606.396253 | 0.02505729 |
| X17409 | 17409 | 3 | 117.856443 | 117855355 | 606.397519 | 0.003780697 |
| X17736 | 17736 | 3 | 128.03839 | 128037883 | 616.579466 | 0.003780697 |
| X17737 | 17737 | 3 | 128.133886 | 128133764 | 616.674962 | 0.004406088 |
| X17743 | 17743 | 3 | 128.322479 | 128322369 | 616.863555 | 0.004406088 |
| X17744 | 17744 | 3 | 128.381714 | 128381284 | 616.92279 | 0.002260165 |
| X18030 | 18030 | 3 | 137.3369 | 137336519 | 625.877976 | 0.002260165 |
| X18031 | 18031 | 3 | 137.390341 | 137390341 | 625.931417 | 0.002855758 |
| X18069 | 18069 | 3 | 139.043713 | 139043677 | 627.584789 | 0.002855758 |
| X18070 | 18070 | 3 | 139.044902 | 139044427 | 627.585978 | 0.004983417 |
| X18124 | 18124 | 3 | 141.049141 | 141048955 | 629.590217 | 0.004983417 |
| X18125 | 18125 | 3 | 141.057357 | 141057303 | 629.598433 | 0.03276119 |

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| X18127 | 18127 | 3 | 141.108524 | 141108266 | 629.6496 | 0.03889616 |
| X18160 | 18160 | 3 | 141.832535 | 141832531 | 630.373611 | 0.03889616 |
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| X18227 | 18227 | 3 | 144.354058 | 144353511 | 632.895134 | 0.01111839 |
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| X18272 | 18272 | 3 | 145.350036 | 145349317 | 633.891112 | 0.01201605 |
| X18273 | 18273 | 3 | 145.350271 | 145350153 | 633.891347 | 0.0130375 |
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| X18540 | 18540 | 3 | 156.088575 | 156088233 | 644.629651 | 0.004774874 |
| X18552 | 18552 | 3 | 156.451114 | 156450565 | 644.99219 | 0.004774874 |
| X18553 | 18553 | 3 | 156.485838 | 156485722 | 645.026914 | 0.005639178 |
| X18574 | 18574 | 3 | 156.961517 | 156961181 | 645.502593 | 0.005639178 |
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| X18584 | 18584 | 3 | 157.360761 | 157360725 | 645.901837 | 0.1056392 |
| X18585 | 18585 | 3 | 157.365857 | 157365217 | 645.906933 | 0.005639178 |
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| X18648 | 18648 | 3 | 159.387216 | 159387182 | 647.928292 | 0.0070801 |
| X18792 | 18792 | 3 | 164.528878 | 164528771 | 653.069954 | 0.0070801 |
| X18793 | 18793 | 3 | 164.608459 | 164608222 | 653.149535 | 0.008170613 |
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| X18924 | 18924 | 3 | 170.493016 | 170492895 | 659.034092 | 0.01031654 |
| X19227 | 19227 | 3 | 182.661687 | 182661497 | 671.202763 | 0.01031654 |
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| X19251 | 19251 | 3 | 183.761333 | 183761313 | 672.302409 | 0.009698941 |
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| X19335 | 19335 | 3 | 187.141598 | 187141456 | 675.682674 | 0.008677491 |
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| X19341 | 19341 | 3 | 187.379777 | 187379531 | 675.920853 | 0.008052099 |
| X19342 | 19342 | 3 | 187.454462 | 187454231 | 675.995538 | 0.005713512 |
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| X19915 | 19915 | 4 | 9.799463 | 9798729 | 697.846279 | 0.05838662 |
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| X19928 | 19928 | 4 | 9.945365 | 9944970 | 697.992181 | 0.05379946 |
| X19934 | 19934 | 4 | 10.002778 | 10002604 | 698.049594 | 0.05379946 |
| X19935 | 19935 | 4 | 10.062224 | 10061781 | 698.10904 | 0.003799462 |
| X19979 | 19979 | 4 | 11.034468 | 11034244 | 699.081284 | 0.003799462 |
| X19980 | 19980 | 4 | 11.069314 | 11068932 | 699.11613 | 9.575793e-005 |
| X21080 | 21080 | 4 | 45.337121 | 45337003 | 733.383937 | 9.575793e-005 |
| X21081 | 21081 | 4 | 45.404391 | 45404140 | 733.451207 | 0.007847696 |
| X21189 | 21189 | 4 | 48.890422 | 48890068 | 736.937238 | 0.007847696 |
| X21190 | 21190 | 4 | 49.07332 | 49073233 | 737.120136 | 0.009256146 |
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| X21210 | 21210 | 4 | 52.90583 | 52905388 | 740.952646 | 0.001504209 |
| X21899 | 21899 | 4 | 79.245632 | 79244995 | 767.292448 | 0.001504209 |
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| X23566 | 23566 | 4 | 142.207006 | 142206214 | 830.253822 | 9.575793e-005 |
| X23567 | 23567 | 4 | 142.272441 | 142272169 | 830.319257 | 0.008945315 |
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| X23696 | 23696 | 4 | 146.89932 | 146899247 | 834.946136 | 9.575793e-005 |
| X23697 | 23697 | 4 | 146.904343 | 146903910 | 834.951159 | 0.01398465 |
| X23768 | 23768 | 4 | 149.204877 | 149204686 | 837.251693 | 0.01398465 |
| X23769 | 23769 | 4 | 149.263429 | 149263308 | 837.310245 | 9.575793e-005 |
| X24927 | 24927 | 4 | 191.393726 | 191393560 | 879.440542 | 9.575793e-005 |
| X24928 | 24928 | 5 | 0.142399 | 142277 | 879.600433 | 0.04823546 |
| X24952 | 24952 | 5 | 0.980973 | 980957 | 880.439007 | 0.04823546 |
| X24953 | 24953 | 5 | 1.022558 | 1021697 | 880.480592 | 0.008235466 |
| X25514 | 25514 | 5 | 18.092461 | 18092236 | 897.550495 | 0.008235466 |
| X25515 | 25515 | 5 | 18.206658 | 18206365 | 897.664692 | 0.00653189 |
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| X25742 | 25742 | 5 | 28.511188 | 28511119 | 907.969222 | 0.006754358 |
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| X25833 | 25833 | 5 | 31.761761 | 31761663 | 911.219795 | 0.009079939 |
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| X26162 | 26162 | 5 | 41.622192 | 41622024 | 921.080226 | 0.1214353 |
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| X26165 | 26165 | 5 | 41.689402 | 41689352 | 921.147436 | 0.0245755 |
| X26172 | 26172 | 5 | 41.823512 | 41823343 | 921.281546 | 0.0245755 |
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| X26209 | 26209 | 5 | 42.828605 | 42828195 | 922.286639 | 0.02144671 |
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| X26233 | 26233 | 5 | 43.903039 | 43902929 | 923.361073 | 0.05812571 |
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| X26279 | 26279 | 5 | 45.573652 | 45573465 | 925.031686 | 0.05738552 |
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| X26284 | 26284 | 5 | 49.697531 | 49697027 | 929.155565 | 0.04750723 |
| X262849 | 26284 | 5 | 49.697531 | 49697027 | 929.155565 | 0.04750723 |
| X26285 | 26285 | 5 | 50.152854 | 50152814 | 929.610888 | 0.001216576 |
| X26387 | 26387 | 5 | 53.320018 | 53319941 | 932.778052 | 0.001216576 |
| X26388 | 26388 | 5 | 53.434005 | 53433667 | 932.892039 | 0.0005316443 |
| X26560 | 26560 | 5 | 58.697343 | 58696822 | 938.155377 | 0.0005316443 |
| X26561 | 26561 | 5 | 58.801717 | 58801351 | 938.259751 | 0.004141753 |
| X26837 | 26837 | 5 | 67.467871 | 67467850 | 946.925905 | 0.004141753 |
| X26838 | 26838 | 5 | 67.531792 | 67531516 | 946.989826 | 0.0005316443 |
| X27166 | 27166 | 5 | 79.398487 | 79398358 | 958.856521 | 0.0005316443 |
| X27167 | 27167 | 5 | 79.42827 | 79428103 | 958.886304 | 0.001158603 |
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| X27185 | 27185 | 5 | 80.470167 | 80470113 | 959.928201 | 0.01335372 |
| X27266 | 27266 | 5 | 82.567232 | 82567224 | 962.025266 | 0.01335372 |
| X27267 | 27267 | 5 | 82.654505 | 82654226 | 962.112539 | 0.001158603 |
| X27442 | 27442 | 5 | 89.730959 | 89730769 | 969.188993 | 0.001158603 |
| X27443 | 27443 | 5 | 89.847081 | 89846985 | 969.305115 | 0.005943293 |
| X27651 | 27651 | 5 | 96.93079 | 96930718 | 976.388824 | 0.005943293 |
| X27652 | 27652 | 5 | 96.971962 | 96971376 | 976.429996 | 0.001158603 |
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| X28762 | 28762 | 5 | 139.001333 | 139001313 | 1018.459367 | 0.0005316443 |
| X29017 | 29017 | 5 | 146.463813 | 146463729 | 1025.921847 | 0.0005316443 |
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| X29069 | 29069 | 5 | 148.025971 | 148025863 | 1027.484005 | 0.0002871455 |
| X29070 | 29070 | 5 | 148.077472 | 148077173 | 1027.535506 | 0.001210507 |
| X29286 | 29286 | 5 | 153.493632 | 153493078 | 1032.951666 | 0.001210507 |
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| X29639 | 29639 | 5 | 163.826913 | 163826906 | 1043.284947 | 0.004043368 |
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| X30280 | 30280 | 6 | 5.152766 | 5152450 | 1065.468666 | 0.001185888 |
| X30281 | 30281 | 6 | 5.165741 | 5165338 | 1065.481641 | 0.001450159 |
| X30340 | 30340 | 6 | 8.278471 | 8278407 | 1068.594371 | 0.001450159 |
| X30341 | 30341 | 6 | 8.290136 | 8290055 | 1068.606036 | 0.005531791 |
| X30408 | 30408 | 6 | 10.068985 | 10068803 | 1070.384885 | 0.005531791 |
| X30409 | 30409 | 6 | 10.092229 | 10092196 | 1070.408129 | 0.02593995 |
| X30433 | 30433 | 6 | 10.866953 | 10866673 | 1071.182853 | 0.02593995 |
| X30434 | 30434 | 6 | 11.061657 | 11061496 | 1071.377557 | 0.06760662 |
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| X30556 | 30556 | 6 | 14.359069 | 14358973 | 1074.674969 | 0.009384736 |
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| X30585 | 30585 | 6 | 15.222069 | 15221961 | 1075.537969 | 0.02938474 |
| X30586 | 30586 | 6 | 15.240083 | 15239644 | 1075.555983 | 0.0253031 |
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| X30590 | 30590 | 6 | 15.331503 | 15331220 | 1075.647403 | 0.06696977 |
| X30606 | 30606 | 6 | 16.100229 | 16100170 | 1076.416129 | 0.06696977 |
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| X30613 | 30613 | 6 | 16.204791 | 16204719 | 1076.520691 | 0.04696977 |
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| X30742 | 30742 | 6 | 20.582745 | 20582737 | 1080.898645 | 0.005303104 |
| X30743 | 30743 | 6 | 20.648125 | 20647944 | 1080.964025 | 0.05292215 |
| X30763 | 30763 | 6 | 21.766748 | 21765775 | 1082.082648 | 0.05292215 |
| X30764 | 30764 | 6 | 21.877734 | 21877185 | 1082.193634 | 0.005303104 |
| X30875 | 30875 | 6 | 26.113713 | 26112878 | 1086.429613 | 0.005303104 |
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| X30941 | 30941 | 6 | 28.591024 | 28590779 | 1088.906924 | 0.004283912 |
| X31012 | 31012 | 6 | 30.788444 | 30787760 | 1091.104344 | 0.004283912 |
| X31013 | 31013 | 6 | 30.7908 | 30790762 | 1091.1067 | 0.01013187 |
| X31014 | 31014 | 6 | 30.791414 | 30791160 | 1091.107314 | 0.01013187 |
| X31015 | 31015 | 6 | 30.791888 | 30791648 | 1091.107788 | 0.008336534 |
| X31094 | 31094 | 6 | 33.52105 | 33520432 | 1093.83695 | 0.008336534 |
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| X31183 | 31183 | 6 | 36.92306 | 36922928 | 1097.23896 | 0.008336534 |
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| X31207 | 31207 | 6 | 37.859261 | 37859237 | 1098.175161 | 0.04095012 |
| X31208 | 31208 | 6 | 37.860458 | 37860182 | 1098.176358 | 0.04332542 |
| X31224 | 31224 | 6 | 38.29213 | 38291587 | 1098.60803 | 0.04332542 |
| X31225 | 31225 | 6 | 38.344248 | 38344171 | 1098.660148 | 0.004863877 |
| X31367 | 31367 | 6 | 41.649113 | 41648881 | 1101.965013 | 0.004863877 |
| X31368 | 31368 | 6 | 41.654488 | 41654420 | 1101.970388 | 0.007835355 |
| X31628 | 31628 | 6 | 51.830237 | 51829670 | 1112.146137 | 0.007835355 |
| X31629 | 31629 | 6 | 51.835405 | 51835149 | 1112.151305 | 0.005460057 |
| X31718 | 31718 | 6 | 54.956987 | 54956787 | 1115.272887 | 0.005460057 |
| X31719 | 31719 | 6 | 55.018256 | 55018246 | 1115.334156 | 0.002611054 |
| X31807 | 31807 | 6 | 62.143728 | 62143640 | 1122.459628 | 0.002611054 |
| X31808 | 31808 | 6 | 62.277926 | 62277268 | 1122.593826 | 0.01170196 |
| X31838 | 31838 | 6 | 63.451008 | 63450909 | 1123.766908 | 0.01170196 |
| X31839 | 31839 | 6 | 63.503305 | 63503235 | 1123.819205 | 0.01007042 |
| X3183910 | 31839 | 6 | 63.503305 | 63503235 | 1123.819205 | 0.01007042 |
| X31840 | 31840 | 6 | 63.569838 | 63569599 | 1123.885738 | 0.009477653 |
| X31917 | 31917 | 6 | 66.551542 | 66551419 | 1126.867442 | 0.009477653 |
| X31918 | 31918 | 6 | 66.615612 | 66615550 | 1126.931512 | 0.0003867446 |
| X31966 | 31966 | 6 | 69.477191 | 69476832 | 1129.793091 | 0.0003867446 |
| X31967 | 31967 | 6 | 69.493312 | 69493311 | 1129.809212 | 0.05301832 |
| X31985 | 31985 | 6 | 70.014808 | 70014632 | 1130.330708 | 0.05301832 |
| X31986 | 31986 | 6 | 70.152456 | 70151810 | 1130.468356 | 0.0003867446 |
| X32217 | 32217 | 6 | 77.488931 | 77488663 | 1137.804831 | 0.0003867446 |
| X32218 | 32218 | 6 | 77.540765 | 77540562 | 1137.856665 | 0.005595078 |
| X32409 | 32409 | 6 | 85.367953 | 85367527 | 1145.683853 | 0.005595078 |
| X32410 | 32410 | 6 | 85.373515 | 85373262 | 1145.689415 | 0.0003867446 |
| X32660 | 32660 | 6 | 92.752404 | 92752194 | 1153.068304 | 0.0003867446 |
| X32661 | 32661 | 6 | 92.757616 | 92757517 | 1153.073516 | 0.001633627 |
| X33000 | 33000 | 6 | 104.72305 | 104722697 | 1165.03895 | 0.001633627 |
| X33001 | 33001 | 6 | 104.803825 | 104803771 | 1165.119725 | 0.02291022 |
| X33047 | 33047 | 6 | 105.985405 | 105985015 | 1166.301305 | 0.02291022 |
| X33048 | 33048 | 6 | 106.014131 | 106013875 | 1166.330031 | 0.001633627 |
| X33084 | 33084 | 6 | 106.931237 | 106931165 | 1167.247137 | 0.001633627 |
| X33085 | 33085 | 6 | 107.011806 | 107011599 | 1167.327706 | 0.04511189 |
| X33107 | 33107 | 6 | 107.787875 | 107787237 | 1168.103775 | 0.04511189 |
| X33108 | 33108 | 6 | 107.865709 | 107865656 | 1168.181609 | 0.001633627 |
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| X33114 | 33114 | 6 | 108.147242 | 108146978 | 1168.463142 | 0.006788266 |
| X33197 | 33197 | 6 | 111.117407 | 111116982 | 1171.433307 | 0.006788266 |
| X33198 | 33198 | 6 | 111.200448 | 111200227 | 1171.516348 | 0.01373271 |
| X33307 | 33307 | 6 | 114.669459 | 114669448 | 1174.985359 | 0.01373271 |
| X33308 | 33308 | 6 | 114.691335 | 114691211 | 1175.007235 | 0.008578071 |
| X33340 | 33340 | 6 | 115.517535 | 115517081 | 1175.833435 | 0.008578071 |
| X33341 | 33341 | 6 | 115.520631 | 115520536 | 1175.836531 | 0.02396269 |
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| X33342 | 33342 | 6 | 115.625028 | 115625026 | 1175.940928 | 0.01701824 |
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| X33360 | 33360 | 6 | 116.304898 | 116304836 | 1176.620798 | 0.1387574 |
| X33369 | 33369 | 6 | 116.752141 | 116751926 | 1177.068041 | 0.1387574 |
| X33370 | 33370 | 6 | 116.799836 | 116799674 | 1177.115736 | 0.03875738 |
| X33375 | 33375 | 6 | 116.973545 | 116973325 | 1177.289445 | 0.03875738 |
| X33376 | 33376 | 6 | 117.010515 | 117010426 | 1177.326415 | 0.0451268 |
| X33405 | 33405 | 6 | 118.167793 | 118167713 | 1178.483693 | 0.0451268 |
| X33406 | 33406 | 6 | 118.266651 | 118266651 | 1178.582551 | 0.008003054 |
| X33462 | 33462 | 6 | 120.107558 | 120107351 | 1180.423458 | 0.008003054 |
| X33463 | 33463 | 6 | 120.204529 | 120204398 | 1180.520429 | 0.006756172 |
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| X33533 | 33533 | 6 | 122.793942 | 122793542 | 1183.109842 | 0.0003867446 |
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| X36514 | 36514 | 7 | 44.552739 | 44552739 | 1275.844338 | 0.004439299 |
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| X36542 | 36542 | 7 | 45.994308 | 45994096 | 1277.285907 | 0.0218145 |
| X36634 | 36634 | 7 | 48.954596 | 48954239 | 1280.246195 | 0.0218145 |
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| X36782 | 36782 | 7 | 54.301347 | 54300967 | 1285.592946 | 0.06589545 |
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| X36800 | 36800 | 7 | 54.836583 | 54836233 | 1286.128182 | 0.003395457 |
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| X36836 | 36836 | 7 | 62.554455 | 62554262 | 1293.846054 | 0.002803391 |
| X36837 | 36837 | 7 | 62.578306 | 62577974 | 1293.869905 | 0.005406454 |
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| X39056 | 39056 | 7 | 141.424172 | 141424113 | 1372.715771 | 0.002279846 |
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| X39189 | 39189 | 7 | 145.907032 | 145906717 | 1377.198631 | 0.002029283 |
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| X39532 | 39532 | 7 | 158.470623 | 158469910 | 1389.762222 | 0.001782003 |
| X39533 | 39533 | 8 | 0.195869 | 195788 | 1390.115607 | 0.0002361833 |
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| X40440 | 40440 | 8 | 31.034041 | 31034018 | 1420.953779 | 0.01918336 |
| X40441 | 40441 | 8 | 31.052151 | 31051435 | 1420.971889 | 0.01948402 |
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| X40633 | 40633 | 8 | 36.27526 | 36275012 | 1426.194998 | 0.04643075 |
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| X40691 | 40691 | 8 | 37.619336 | 37619335 | 1427.539074 | 0.1436619 |
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| X40839 | 40839 | 8 | 43.118262 | 43118225 | 1433.038 | 0.03144843 |
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| X4088119 | 40881 | 8 | 49.12384 | 49123655 | 1439.043578 | 0.03868593 |
| X40882 | 40882 | 8 | 49.235699 | 49235445 | 1439.155437 | 0.03584502 |
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| X40883 | 40883 | 8 | 49.377647 | 49376741 | 1439.297385 | 0.01145477 |
| X40915 | 40915 | 8 | 50.221206 | 50221185 | 1440.140944 | 0.01145477 |
| X40916 | 40916 | 8 | 50.278293 | 50278250 | 1440.198031 | 0.0118626 |
| X40924 | 40924 | 8 | 50.923774 | 50923576 | 1440.843512 | 0.0118626 |
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| X40968 | 40968 | 8 | 52.622058 | 52621873 | 1442.541796 | 0.01221447 |
| X40969 | 40969 | 8 | 52.687499 | 52687098 | 1442.607237 | 0.0492515 |
| X40995 | 40995 | 8 | 53.742622 | 53742068 | 1443.66236 | 0.0492515 |
| X40996 | 40996 | 8 | 53.749053 | 53748535 | 1443.668791 | 0.01221447 |
| X41039 | 41039 | 8 | 55.449842 | 55449632 | 1445.36958 | 0.01221447 |
| X41040 | 41040 | 8 | 55.530336 | 55530204 | 1445.450074 | 0.02945585 |
| X4104021 | 41040 | 8 | 55.530336 | 55530204 | 1445.450074 | 0.02945585 |
| X41041 | 41041 | 8 | 55.576959 | 55576780 | 1445.496697 | 0.04797437 |
| X41060 | 41060 | 8 | 56.119272 | 56118733 | 1446.03901 | 0.04797437 |
| X41061 | 41061 | 8 | 56.119985 | 56119898 | 1446.039723 | 0.0750014 |
| X41094 | 41094 | 8 | 57.277665 | 57277341 | 1447.197403 | 0.0750014 |
| X41095 | 41095 | 8 | 57.402129 | 57401248 | 1447.321867 | 0.05648287 |
| X41097 | 41097 | 8 | 57.472961 | 57472853 | 1447.392699 | 0.05648287 |
| X41098 | 41098 | 8 | 57.509472 | 57509184 | 1447.42921 | 0.01221447 |
| X41100 | 41100 | 8 | 57.558671 | 57558536 | 1447.478409 | 0.01221447 |
| X41101 | 41101 | 8 | 57.601169 | 57600771 | 1447.520907 | 0.006212139 |
| X41185 | 41185 | 8 | 60.041613 | 60041592 | 1449.961351 | 0.006212139 |
| X41186 | 41186 | 8 | 60.057607 | 60057472 | 1449.977345 | 0.006599586 |
| X41279 | 41279 | 8 | 62.597007 | 62596865 | 1452.516745 | 0.006599586 |
| X41280 | 41280 | 8 | 62.715524 | 62715454 | 1452.635262 | 0.02659959 |
| X41329 | 41329 | 8 | 64.679432 | 64679325 | 1454.59917 | 0.02659959 |
| X41330 | 41330 | 8 | 64.685924 | 64685479 | 1454.605662 | 0.006599586 |
| X41372 | 41372 | 8 | 65.844553 | 65844329 | 1455.764291 | 0.006599586 |
| X41373 | 41373 | 8 | 65.933709 | 65933391 | 1455.853447 | 0.007017296 |
| X4137322 | 41373 | 8 | 65.933709 | 65933391 | 1455.853447 | 0.007017296 |
| X41374 | 41374 | 8 | 65.983467 | 65983139 | 1455.903205 | 0.007435182 |

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| X41424 | 41424 | 8 | 67.477785 | 67476968 | 1457.397523 | 0.007435182 |
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| X41439 | 41439 | 8 | 68.252014 | 68251416 | 1458.171752 | 0.0745303 |
| X41440 | 41440 | 8 | 68.398218 | 68398205 | 1458.317956 | 0.007863631 |
| X41482 | 41482 | 8 | 69.597913 | 69597431 | 1459.517651 | 0.007863631 |
| X41483 | 41483 | 8 | 69.634776 | 69633802 | 1459.554514 | 0.02425708 |
| X41543 | 41543 | 8 | 71.626358 | 71626083 | 1461.546096 | 0.02425708 |
| X41544 | 41544 | 8 | 71.769339 | 71769212 | 1461.689077 | 0.007863631 |
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| X41678 | 41678 | 8 | 77.232655 | 77232431 | 1467.152393 | 0.008342329 |
| X41745 | 41745 | 8 | 79.738246 | 79737321 | 1469.657984 | 0.008342329 |
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| X41805 | 41805 | 8 | 82.878865 | 82878810 | 1472.798603 | 0.03167566 |
| X41806 | 41806 | 8 | 82.948084 | 82947845 | 1472.867822 | 0.015009 |
| X41809 | 41809 | 8 | 83.012554 | 83012352 | 1472.932292 | 0.015009 |
| X41810 | 41810 | 8 | 83.08618 | 83086097 | 1473.005918 | 0.01551998 |
| X41871 | 41871 | 8 | 86.023382 | 86022974 | 1475.94312 | 0.01551998 |
| X41872 | 41872 | 8 | 86.200058 | 86200005 | 1476.119796 | 0.05718664 |
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| X41896 | 41896 | 8 | 86.916092 | 86915480 | 1476.83583 | 0.008853315 |
| X41924 | 41924 | 8 | 87.864887 | 87864886 | 1477.784625 | 0.008853315 |
| X41925 | 41925 | 8 | 87.978049 | 87977857 | 1477.897787 | 0.00952581 |
| X41975 | 41975 | 8 | 89.956752 | 89956529 | 1479.87649 | 0.00952581 |
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| X42000 | 42000 | 8 | 90.610656 | 90610632 | 1480.530394 | 0.04400856 |
| X42001 | 42001 | 8 | 90.649667 | 90649270 | 1480.569405 | 0.04707605 |
| X42004 | 42004 | 8 | 90.697768 | 90697703 | 1480.617506 | 0.04707605 |
| X42005 | 42005 | 8 | 90.717244 | 90716617 | 1480.636982 | 0.0125933 |
| X42076 | 42076 | 8 | 92.851771 | 92851298 | 1482.771509 | 0.0125933 |
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| X42081 | 42081 | 8 | 92.987956 | 92987636 | 1482.907694 | 0.05585632 |
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| X42137 | 42137 | 8 | 94.329788 | 94329472 | 1484.249526 | 0.01585632 |
| X42138 | 42138 | 8 | 94.333847 | 94333575 | 1484.253585 | 0.04158503 |
| X42162 | 42162 | 8 | 95.014219 | 95013981 | 1484.933957 | 0.04158503 |
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| X42206 | 42206 | 8 | 96.623917 | 96623239 | 1486.543655 | 0.0643123 |
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| X42226 | 42226 | 8 | 97.185612 | 97185575 | 1487.10535 | 0.02709228 |
| X42227 | 42227 | 8 | 97.228872 | 97228821 | 1487.14861 | 0.01585632 |
| X42308 | 42308 | 8 | 99.30131 | 99300679 | 1489.221048 | 0.01585632 |
| X42309 | 42309 | 8 | 99.371498 | 99371496 | 1489.291236 | 0.03807855 |
| X42311 | 42311 | 8 | 99.422108 | 99421846 | 1489.341846 | 0.03807855 |
| X42312 | 42312 | 8 | 99.444248 | 99444036 | 1489.363986 | 0.04532492 |
| X42326 | 42326 | 8 | 100.063921 | 100063836 | 1489.983659 | 0.04532492 |
| X42327 | 42327 | 8 | 100.064969 | 100064305 | 1489.984707 | 0.04225744 |
| X42353 | 42353 | 8 | 100.807702 | 100807695 | 1490.72744 | 0.04225744 |
| X42354 | 42354 | 8 | 100.808073 | 100807950 | 1490.727811 | 0.02003522 |
| X42449 | 42449 | 8 | 103.190326 | 103189810 | 1493.110064 | 0.02003522 |
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| X42489 | 42489 | 8 | 104.112696 | 104112382 | 1494.032434 | 0.01278884 |
| X42490 | 42490 | 8 | 104.139423 | 104139354 | 1494.059161 | 0.01464835 |
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| X42776 | 42776 | 8 | 114.213676 | 114212688 | 1504.133414 | 0.01321774 |
| X42785 | 42785 | 8 | 115.001336 | 115001048 | 1504.921074 | 0.01321774 |
| X42786 | 42786 | 8 | 115.02732 | 115027280 | 1504.947058 | 0.02455859 |
| X42831 | 42831 | 8 | 116.384522 | 116383872 | 1506.30426 | 0.02455859 |
| X42832 | 42832 | 8 | 116.384853 | 116384594 | 1506.304591 | 0.03531127 |
| X42924 | 42924 | 8 | 118.585749 | 118585362 | 1508.505487 | 0.03531127 |
| X42925 | 42925 | 8 | 118.633142 | 118632773 | 1508.55288 | 0.02337934 |
| X42937 | 42937 | 8 | 118.870256 | 118870145 | 1508.789994 | 0.02337934 |
| X42938 | 42938 | 8 | 118.870475 | 118870444 | 1508.790213 | 0.01680039 |
| X42995 | 42995 | 8 | 120.515954 | 120515735 | 1510.435692 | 0.01680039 |
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| X43031 | 43031 | 8 | 121.638267 | 121637764 | 1511.558005 | 0.01203849 |
| X43032 | 43032 | 8 | 121.668892 | 121668801 | 1511.58863 | 0.01388351 |
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| X43058 | 43058 | 8 | 122.409272 | 122409193 | 1512.32901 | 0.02228687 |
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| X43102 | 43102 | 8 | 123.941894 | 123941612 | 1513.861632 | 0.0356202 |
| X43109 | 43109 | 8 | 124.055972 | 124055538 | 1513.97571 | 0.0356202 |
| X43110 | 43110 | 8 | 124.121176 | 124120999 | 1514.040914 | 0.03714227 |
| X43151 | 43151 | 8 | 125.5797 | 125579036 | 1515.499438 | 0.03714227 |
| X43152 | 43152 | 8 | 125.648632 | 125648547 | 1515.56837 | 0.04098842 |
| X43176 | 43176 | 8 | 126.410928 | 126410580 | 1516.330666 | 0.04098842 |
| X43177 | 43177 | 8 | 126.429391 | 126429389 | 1516.349129 | 0.01925173 |
| X43206 | 43206 | 8 | 127.339684 | 127339447 | 1517.259422 | 0.01925173 |

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| X43207 | 43207 | 8 | 127.391153 | 127390959 | 1517.310891 | 0.07807527 |
| X43223 | 43223 | 8 | 127.771453 | 127771182 | 1517.691191 | 0.07807527 |
| X43224 | 43224 | 8 | 127.833513 | 127832998 | 1517.753251 | 0.01925173 |
| X43229 | 43229 | 8 | 127.999115 | 127999068 | 1517.918853 | 0.01925173 |
| X43230 | 43230 | 8 | 128.04795 | 128047812 | 1517.967688 | 0.03048769 |
| X43239 | 43239 | 8 | 128.306545 | 128306322 | 1518.226283 | 0.03048769 |
| X43240 | 43240 | 8 | 128.345346 | 128344750 | 1518.265084 | 0.05817585 |
| X43279 | 43279 | 8 | 129.528851 | 129528679 | 1519.448589 | 0.05817585 |
| X43280 | 43280 | 8 | 129.634362 | 129634335 | 1519.5541 | 0.03317586 |
| X43318 | 43318 | 8 | 130.653309 | 130653204 | 1520.573047 | 0.03317586 |
| X43319 | 43319 | 8 | 130.674533 | 130674408 | 1520.594271 | 0.02193991 |
| X43366 | 43366 | 8 | 131.932797 | 131932522 | 1521.852535 | 0.02193991 |
| X43367 | 43367 | 8 | 131.967339 | 131967166 | 1521.887077 | 0.02160023 |
| X4336723 | 43367 | 8 | 131.967339 | 131967166 | 1521.887077 | 0.02160023 |
| X43368 | 43368 | 8 | 132.086599 | 132086498 | 1522.006337 | 0.0211924 |
| X43411 | 43411 | 8 | 132.915817 | 132915731 | 1522.835555 | 0.0211924 |
| X43412 | 43412 | 8 | 132.928017 | 132927463 | 1522.847755 | 0.01667375 |
| X43418 | 43418 | 8 | 133.053432 | 133053378 | 1522.97317 | 0.01667375 |
| X43419 | 43419 | 8 | 133.102814 | 133102445 | 1523.022552 | 0.01559732 |
| X43573 | 43573 | 8 | 137.289449 | 137289348 | 1527.209187 | 0.01559732 |
| X43574 | 43574 | 8 | 137.319451 | 137319188 | 1527.239189 | 0.01375231 |
| X43600 | 43600 | 8 | 138.316401 | 138316259 | 1528.236139 | 0.01375231 |
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| X43611 | 43611 | 8 | 138.669893 | 138669877 | 1528.589631 | 0.1046614 |
| X43612 | 43612 | 8 | 138.695523 | 138695289 | 1528.615261 | 0.01041097 |
| X43624 | 43624 | 8 | 139.226319 | -1 | 1529.146057 | 0.01041097 |
| X43625 | 43625 | 8 | 139.233732 | 139233220 | 1529.15347 | 0.02449548 |
| X43642 | 43642 | 8 | 139.620132 | 139619891 | 1529.53987 | 0.02449548 |
| X43643 | 43643 | 8 | 139.761171 | 139761033 | 1529.680909 | 0.03255999 |
| X43680 | 43680 | 8 | 140.673785 | 140673000 | 1530.593523 | 0.03255999 |
| X43681 | 43681 | 8 | 140.690066 | 140689930 | 1530.609804 | 0.0441879 |
| X43766 | 43766 | 8 | 146.196695 | 146195936 | 1536.116433 | 0.0441879 |
| X43767 | 43767 | 9 | 0.410114 | 410040 | 1536.604678 | 0.002315998 |
| X44696 | 44696 | 9 | 29.200529 | 29200342 | 1565.395093 | 0.002315998 |
| X44697 | 44697 | 9 | 29.216078 | 29215951 | 1565.410642 | 0.01770061 |
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| X45029 | 45029 | 9 | 68.284459 | 68284398 | 1604.479023 | 0.01451112 |
| X45030 | 45030 | 9 | 68.300642 | 68300138 | 1604.495206 | 0.01348862 |
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| X45472 | 45472 | 9 | 80.884601 | 80884575 | 1617.079165 | 0.0005042322 |
| X45473 | 45473 | 9 | 80.962317 | 80962174 | 1617.156881 | 0.01316246 |
| X45551 | 45551 | 9 | 84.016407 | 84016054 | 1620.210971 | 0.01316246 |
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| X46142 | 46142 | 9 | 103.479515 | 103479236 | 1639.674079 | 0.0005042322 |
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| X47230 | 47230 | 9 | 138.234254 | 138233967 | 1674.428818 | 0.003557743 |
| X47231 | 47231 | 10 | 0.148375 | 148194 | 1674.772207 | 0.008262372 |
| X47255 | 47255 | 10 | 1.094335 | 1094296 | 1675.718167 | 0.008262372 |
| X47256 | 47256 | 10 | 1.15161 | 1150893 | 1675.775442 | 0.009464295 |
| X47299 | 47299 | 10 | 2.7084 | 2708111 | 1677.332232 | 0.009464295 |
| X47300 | 47300 | 10 | 2.727947 | 2727788 | 1677.351779 | 0.01345228 |
| X47329 | 47329 | 10 | 3.574007 | 3573501 | 1678.197839 | 0.01345228 |
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| X47762 | 47762 | 10 | 17.088361 | 17088358 | 1691.712193 | 0.012714 |
| X47763 | 47763 | 10 | 17.09148 | 17091144 | 1691.715312 | 0.01055417 |
| X47846 | 47846 | 10 | 19.699113 | 19699110 | 1694.322945 | 0.01055417 |
| X47847 | 47847 | 10 | 19.704618 | 19704413 | 1694.32845 | 0.007102638 |
| X48087 | 48087 | 10 | 27.394317 | 27394064 | 1702.018149 | 0.007102638 |
| X48088 | 48088 | 10 | 27.818568 | 27818391 | 1702.4424 | 0.004581454 |
| X48402 | 48402 | 10 | 37.88931 | 37889023 | 1712.513142 | 0.004581454 |
| X48403 | 48403 | 10 | 37.89191 | 37891682 | 1712.515742 | 0.004138976 |
| X48426 | 48426 | 10 | 38.579891 | 38579776 | 1713.203723 | 0.004138976 |
| X48427 | 48427 | 10 | 42.220993 | 42220828 | 1716.844825 | 0.002466735 |
| X48480 | 48480 | 10 | 44.577314 | 44577284 | 1719.201146 | 0.002466735 |
| X48481 | 48481 | 10 | 44.586256 | 44586019 | 1719.210088 | 0.001666735 |

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| X48527 | 48527 | 10 | 47.448192 | 47447892 | 1722.072024 | 0.001666735 |
| X48528 | 48528 | 10 | 47.450527 | 47450048 | 1722.074359 | 0.0008957251 |
| X48741 | 48741 | 10 | 56.270837 | 56270681 | 1730.894669 | 0.0008957251 |
| X48742 | 48742 | 10 | 56.308185 | 56308050 | 1730.932017 | 0.01153402 |
| X48803 | 48803 | 10 | 59.53559 | 59535285 | 1734.159422 | 0.01153402 |
| X48804 | 48804 | 10 | 59.582186 | 59581982 | 1734.206018 | 0.01313659 |
| X48835 | 48835 | 10 | 60.4513 | 60450818 | 1735.075132 | 0.01313659 |
| X48836 | 48836 | 10 | 60.672602 | 60672364 | 1735.296434 | 0.002498289 |
| X48945 | 48945 | 10 | 63.914522 | 63914283 | 1738.538354 | 0.002498289 |
| X48946 | 48946 | 10 | 63.919611 | 63918932 | 1738.543443 | 0.001853128 |
| X49162 | 49162 | 10 | 71.279445 | 71278970 | 1745.903277 | 0.001853128 |
| X49163 | 49163 | 10 | 71.285808 | 71285680 | 1745.90964 | 0.004600381 |
| X49402 | 49402 | 10 | 79.806307 | 79805669 | 1754.430139 | 0.004600381 |
| X49403 | 49403 | 10 | 79.826502 | 79826352 | 1754.450334 | 0.01742089 |
| X49427 | 49427 | 10 | 80.394472 | 80394112 | 1755.018304 | 0.01742089 |
| X49428 | 49428 | 10 | 80.494067 | 80493915 | 1755.117899 | 0.01581833 |
| X49480 | 49480 | 10 | 82.735833 | 82735724 | 1757.359665 | 0.01581833 |
| X49481 | 49481 | 10 | 82.752591 | 82752526 | 1757.376423 | 0.002997817 |
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| X49527 | 49527 | 10 | 84.868971 | 84868405 | 1759.492803 | 0.0002505638 |
| X50613 | 50613 | 10 | 116.858777 | 116858749 | 1791.482609 | 0.0002505638 |
| X50614 | 50614 | 10 | 116.863859 | 116863327 | 1791.487691 | 0.006423404 |
| X50775 | 50775 | 10 | 121.619553 | 121619424 | 1796.243385 | 0.006423404 |
| X50776 | 50776 | 10 | 121.714165 | 121713516 | 1796.337997 | 0.0002505638 |
| X51083 | 51083 | 10 | 129.943669 | 129943416 | 1804.567501 | 0.0002505638 |
| X51084 | 51084 | 10 | 130.063886 | 130063781 | 1804.687718 | 0.007496941 |
| X51221 | 51221 | 10 | 135.314003 | 135313617 | 1809.937835 | 0.007496941 |
| X51222 | 51222 | 11 | 0.206366 | 205960 | 1810.243826 | 0.0251113 |
| X51266 | 51266 | 11 | 3.662303 | 3662302 | 1813.699763 | 0.0251113 |
| X51267 | 51267 | 11 | 3.662985 | 3662692 | 1813.700445 | 0.002889076 |
| X51480 | 51480 | 11 | 10.329799 | 10329471 | 1820.367259 | 0.002889076 |
| X51481 | 51481 | 11 | 10.349362 | 10349019 | 1820.386822 | 0.003748183 |
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| X53116 | 53116 | 11 | 72.171706 | 72171625 | 1882.209166 | 0.06413902 |
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| X53342 | 53342 | 11 | 79.009981 | 79009953 | 1889.047441 | 0.08579221 | |
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| X53426 | 53426 | 11 | 81.136037 | 81135941 | 1891.173497 | 0.009242534 | |
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| X53633 | 53633 | 11 | 87.268465 | 87268458 | 1897.305925 | 0.02634834 | |
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| X53661 | 53661 | 11 | 88.719709 | 88719619 | 1898.757169 | 0.06206262 | |
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| X53671 | 53671 | 11 | 89.502943 | 89502419 | 1899.540403 | 0.08908965 | |
| X53688 | 53688 | 11 | 90.173207 | 90173137 | 1900.210667 | 0.08908965 | |
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| X53781 | 53781 | 11 | 92.432032 | 92431958 | 1902.469492 | 0.1430839 | |
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| X53926 | 53926 | 11 | 96.943361 | 96942817 | 1906.980821 | 0.05317907 | |
| X53935 | 53935 | 11 | 97.252432 | 97252212 | 1907.289892 | 0.05317907 | |
| X53936 | 53936 | 11 | 97.480321 | 97480151 | 1907.517781 | 0.05727743 | |
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| X54011 | 54011 | 11 | 100.024729 | 100024612 | 1910.062189 | 0.04792149 |
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| X54023 | 54023 | 11 | 100.329175 | 100329074 | 1910.366635 | 0.02991405 |
| X54039 | 54039 | 11 | 100.724206 | 100723839 | 1910.761666 | 0.02991405 |
| X54040 | 54040 | 11 | 100.738813 | 100738611 | 1910.776273 | 0.06883878 |
| X54054 | 54054 | 11 | 101.228069 | 101227881 | 1911.265529 | 0.06883878 |
| X54055 | 54055 | 11 | 101.228255 | 101228190 | 1911.265715 | 0.05781671 |
| X54062 | 54062 | 11 | 101.396794 | 101396494 | 1911.434254 | 0.05781671 |
| X54063 | 54063 | 11 | 101.466054 | 101465976 | 1911.503514 | 0.09627825 |
| X54070 | 54070 | 11 | 101.665638 | 101665637 | 1911.703098 | 0.09627825 |
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| X66857 | 66857 | 15 | 91.553615 | 91553491 | 2389.004835 | 0.01660423 |
| X66915 | 66915 | 15 | 92.873176 | 92873173 | 2390.324396 | 0.01660423 |
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| X67080 | 67080 | 15 | 97.543021 | 97542699 | 2394.994241 | 0.01836573 |
| X67123 | 67123 | 15 | 99.227351 | 99227181 | 2396.678571 | 0.01836573 |
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| X67149 | 67149 | 16 | 0.127941 | 127449 | 2397.918076 | 0.0250227 |
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| X67555 | 67555 | 16 | 15.062307 | 15062272 | 2412.852442 | 0.02679575 |
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| X71997 | 71997 | 18 | 20.812391 | 20811999 | 2586.204522 | 0.006317963 |
| X71998 | 71998 | 18 | 20.839509 | 20838992 | 2586.23164 | 0.003006704 |
| X72029 | 72029 | 18 | 21.648403 | 21648383 | 2587.040534 | 0.003006704 |
| X72030 | 72030 | 18 | 21.662763 | 21662522 | 2587.054894 | 0.003615347 |
| X72133 | 72133 | 18 | 25.304429 | 25304298 | 2590.69656 | 0.003615347 |
| X72134 | 72134 | 18 | 25.524109 | 25523965 | 2590.91624 | 0.006530799 |
| X72254 | 72254 | 18 | 29.570464 | 29570203 | 2594.962595 | 0.006530799 |

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| X72255 | 72255 | 18 | 29.589472 | 29589246 | 2594.981603 | 0.007236017 |
| X72259 | 72259 | 18 | 29.811188 | 298110538 | 2595.203319 | 0.007236017 |
| X72260 | 72260 | 18 | 29.824751 | 29824323 | 2595.216882 | 0.006453545 |
| X72476 | 72476 | 18 | 36.584161 | 36584040 | 2601.976292 | 0.006453545 |
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| X72966 | 72966 | 18 | 51.365704 | 51365696 | 2616.757835 | 0.003538093 |
| X72967 | 72967 | 18 | 51.416329 | 51415246 | 2616.80846 | 0.004954523 |
| X73257 | 73257 | 18 | 59.636683 | 59636541 | 2625.028814 | 0.004954523 |
| X73258 | 73258 | 18 | 59.723859 | 59723689 | 2625.11599 | 0.009321336 |
| X73486 | 73486 | 18 | 69.580228 | 69579867 | 2634.972359 | 0.009321336 |
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| X73523 | 73523 | 18 | 70.479542 | 70479426 | 2635.871673 | 0.01162119 |
| X73672 | 73672 | 18 | 75.998565 | 75998246 | 2641.390696 | 0.01162119 |
| X73673 | 73673 | 19 | 0.226336 | 226248 | 2641.73562 | 0.01920523 |
| X73736 | 73736 | 19 | 5.062063 | 5061663 | 2646.571347 | 0.01920523 |
| X73737 | 73737 | 19 | 5.062818 | 5062644 | 2646.572102 | 0.003580228 |
| X73739 | 73739 | 19 | 5.164724 | 5164282 | 2646.674008 | 0.003580228 |
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| X73762 | 73762 | 19 | 6.198448 | 6198290 | 2647.707732 | 0.003580228 |
| X73789 | 73789 | 19 | 7.73726 | 7736991 | 2649.246544 | 0.003580228 |
| X73790 | 73790 | 19 | 7.749239 | 7749150 | 2649.258523 | 0.02858023 |
| X73794 | 73794 | 19 | 8.020504 | 8019526 | 2649.529788 | 0.02858023 |
| X73795 | 73795 | 19 | 8.215502 | 8215318 | 2649.724786 | 0.06561726 |
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| X73829 | 73829 | 19 | 10.143027 | 10142999 | 2651.652311 | 0.02858023 |
| X73830 | 73830 | 19 | 10.207654 | 10207345 | 2651.716938 | 0.03388326 |
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| X73863 | 73863 | 19 | 12.085385 | 12084817 | 2653.594669 | 0.003580228 |
| X73913 | 73913 | 19 | 14.948593 | 14948159 | 2656.457877 | 0.003580228 |
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| X73979 | 73979 | 19 | 18.137847 | 18137709 | 2659.647131 | 0.02531069 |
| X73980 | 73980 | 19 | 18.183414 | 18183161 | 2659.692698 | 0.01015917 |
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| X74065 | 74065 | 19 | 32.979572 | 32979419 | 2674.488856 | 0.02955002 |
| X74066 | 74066 | 19 | 33.017812 | 33017796 | 2674.527096 | 0.02297107 |
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| X74216 | 74216 | 19 | 37.218094 | 37218017 | 2678.727378 | 0.009125452 |
| X74226 | 74226 | 19 | 37.465986 | 37465894 | 2678.97527 | 0.009125452 |
| X74227 | 74227 | 19 | 37.487761 | 37487665 | 2678.997045 | 0.02048909 |
| X74311 | 74311 | 19 | 40.049872 | 40049719 | 2681.559156 | 0.02048909 |
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| X74314 | 74314 | 19 | 40.276649 | 40276568 | 2681.785933 | 0.02237588 |
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| X74429 | 74429 | 19 | 44.968308 | 44968181 | 2686.477592 | 0.007415121 |
| X74430 | 74430 | 19 | 45.000801 | 45000504 | 2686.510085 | 0.002742224 |
| X74841 | 74841 | 19 | 63.713153 | 63713033 | 2705.222437 | 0.002742224 |
| X74842 | 74842 | 20 | 0.032373 | 31808 | 2705.353308 | 0.0151363 |
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| X75043 | 75043 | 20 | 6.279135 | 6278650 | 2711.60007 | 0.004555621 |
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| X75468 | 75468 | 20 | 17.548149 | 17547942 | 2722.869084 | 0.007148187 |
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| X75814 | 75814 | 20 | 31.66889 | 31668826 | 2736.989825 | 0.0123685 |
| X75818 | 75818 | 20 | 31.857034 | 31858337 | 2737.177969 | 0.0123685 |
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| X76182 | 76182 | 20 | 41.174351 | 41173664 | 2746.495286 | 0.007632392 |
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| X7619546 | 76195 | 20 | 41.493555 | 41493439 | 2746.81449 | 0.01076731 |
| X76196 | 76196 | 20 | 41.51798 | 41517382 | 2746.838915 | 0.01391026 |
| X76282 | 76282 | 20 | 43.440304 | 43439951 | 2748.761239 | 0.01391026 |
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| X76416 | 76416 | 20 | 46.706831 | 46706743 | 2752.027766 | 0.02025558 |
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| X76477 | 76477 | 20 | 49.459629 | 49459620 | 2754.780564 | 0.05143445 |
| X76520 | 76520 | 20 | 50.783228 | 50783098 | 2756.104163 | 0.05143445 |
| X76521 | 76521 | 20 | 50.804575 | 50804521 | 2756.12551 | 0.05398547 |
| X76526 | 76526 | 20 | 50.909705 | 50909293 | 2756.23064 | 0.05398547 |
| X76527 | 76527 | 20 | 50.948023 | 50947764 | 2756.268958 | 0.05657614 |
| X76528 | 76528 | 20 | 50.953783 | 50953449 | 2756.274718 | 0.05657614 |
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| X76633 | 76633 | 20 | 53.656001 | 53655802 | 2758.976936 | 0.03831613 |
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| X76656 | 76656 | 20 | 54.189561 | 54189151 | 2759.510496 | 0.03414946 |
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| X76660 | 76660 | 20 | 54.27325 | 54273120 | 2759.594185 | 0.03805571 |
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| X76676 | 76676 | 20 | 54.95521 | 54954822 | 2760.276145 | 0.05123647 |
| X76739 | 76739 | 20 | 56.485626 | 56485368 | 2761.806561 | 0.05123647 |
| X76740 | 76740 | 20 | 56.486389 | 56486324 | 2761.807324 | 0.05701681 |
| X76741 | 76741 | 20 | 56.489789 | 56489614 | 2761.810724 | 0.05701681 |
| X76742 | 76742 | 20 | 56.490149 | 56489938 | 2761.811084 | 0.05366446 |
| X76767 | 76767 | 20 | 57.264094 | 57263935 | 2762.585029 | 0.05366446 |
| X76768 | 76768 | 20 | 57.26644 | 57266377 | 2762.587375 | 0.04596382 |
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| X76889 | 76889 | 20 | 60.787319 | 60787295 | 2766.108254 | 0.1159675 |
| X76912 | 76912 | 20 | 62.306895 | 62306787 | 2767.62783 | 0.1159675 |
| X76913 | 76913 | 21 | 9.919146 | 9918703 | 2777.676045 | 0.003847458 |
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| X77417 | 77417 | 21 | 30.228214 | 30228142 | 2797.985113 | 0.006898749 |
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| X77779 | 77779 | 21 | 40.595598 | 40595521 | 2808.352497 | 0.004007314 |
| X77823 | 77823 | 21 | 41.383011 | 41382985 | 2809.13991 | 0.004007314 |
| X77824 | 77824 | 21 | 41.431674 | 41431673 | 2809.188573 | 0.01141472 |
| X77854 | 77854 | 21 | 42.285455 | 42285287 | 2810.042354 | 0.01141472 |
| X77855 | 77855 | 21 | 42.308439 | 42308344 | 2810.065338 | 0.0220105 |
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| X77863 | 77863 | 21 | 42.516321 | 42516212 | 2810.27322 | 0.03242717 |
| X77880 | 77880 | 21 | 43.430095 | 43429888 | 2811.186994 | 0.03242717 |
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| X77899 | 77899 | 21 | 44.322488 | 44322078 | 2812.079387 | 0.04524768 |
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| X77958 | 77958 | 21 | 46.865905 | 46865752 | 2814.622804 | 0.06219683 |
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| X78128 | 78128 | 22 | 23.433419 | 23433235 | 2838.134641 | 0.007954448 |
| X78129 | 78129 | 22 | 23.518962 | 23518878 | 2838.220184 | 0.002072095 |
| X78301 | 78301 | 22 | 27.94142 | 27941109 | 2842.642642 | 0.002072095 |
| X78302 | 78302 | 22 | 27.954552 | 27954515 | 2842.655774 | 0.01343573 |
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| X78457 | 78457 | 22 | 33.103786 | 33103133 | 2847.805008 | 0.002072095 |
| X78458 | 78458 | 22 | 33.157224 | 33157074 | 2847.858446 | 0.006238762 |
| X78532 | 78532 | 22 | 34.823044 | 34823033 | 2849.524266 | 0.006238762 |
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| X78605 | 78605 | 22 | 37.91207 | 37911998 | 2852.613292 | 0.009162738 |
| X78606 | 78606 | 22 | 37.924996 | 37924920 | 2852.626218 | 0.02003231 |
| X78697 | 78697 | 22 | 41.774432 | 41774401 | 2856.475654 | 0.02003231 |
| X78698 | 78698 | 22 | 41.881035 | 41880895 | 2856.582257 | 0.004996072 |
| X78718 | 78718 | 22 | 42.584718 | 42584506 | 2857.28594 | 0.004996072 |
| X78719 | 78719 | 22 | 42.647328 | 42647171 | 2857.34855 | 0.01140633 |
| X78874 | 78874 | 22 | 49.465882 | 49465489 | 2864.167104 | 0.01140633 |