

rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG021623\  
Data File : FG011393.D  
Signal(s) : FID1A.ch  
Acq On : 16 Feb 2023 14:52  
Sample : 01570-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG013023.M  
Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 1.621       | 1.598        | 1.638      | BV       | 2535           | 34244        | 1.21%          | 0.020%        |
| 2         | 1.647       | 1.638        | 1.658      | VV       | 1410           | 14744        | 0.52%          | 0.009%        |
| 3         | 1.673       | 1.658        | 1.710      | VV       | 2742           | 45291        | 1.59%          | 0.027%        |
| 4         | 1.730       | 1.710        | 1.763      | VV       | 1801           | 36436        | 1.28%          | 0.022%        |
| 5         | 1.788       | 1.763        | 1.801      | VV       | 1129           | 21936        | 0.77%          | 0.013%        |
| 6         | 1.812       | 1.801        | 1.831      | VV       | 1026           | 16013        | 0.56%          | 0.009%        |
| 7         | 1.852       | 1.831        | 1.878      | VV       | 4393           | 58338        | 2.05%          | 0.035%        |
| 8         | 1.900       | 1.878        | 1.944      | VV       | 2814           | 53440        | 1.88%          | 0.032%        |
| 9         | 1.967       | 1.944        | 1.987      | VV       | 971            | 19326        | 0.68%          | 0.011%        |
| 10        | 1.991       | 1.987        | 1.999      | VV       | 678            | 4752         | 0.17%          | 0.003%        |
| 11        | 2.012       | 1.999        | 2.038      | VV       | 675            | 12876        | 0.45%          | 0.008%        |
| 12        | 2.074       | 2.038        | 2.107      | VV       | 1097           | 28404        | 1.00%          | 0.017%        |
| 13        | 2.109       | 2.107        | 2.128      | VV       | 539            | 6180         | 0.22%          | 0.004%        |
| 14        | 2.153       | 2.128        | 2.193      | VV       | 729            | 19918        | 0.70%          | 0.012%        |
| 15        | 2.198       | 2.193        | 2.206      | VV       | 332            | 2391         | 0.08%          | 0.001%        |
| 16        | 2.215       | 2.206        | 2.228      | VV       | 353            | 4136         | 0.15%          | 0.002%        |
| 17        | 2.268       | 2.228        | 2.276      | VV       | 1050           | 17032        | 0.60%          | 0.010%        |
| 18        | 2.284       | 2.276        | 2.337      | VV       | 4465           | 66708        | 2.35%          | 0.040%        |
| 19        | 2.364       | 2.337        | 2.404      | VV       | 4557           | 65268        | 2.30%          | 0.039%        |
| 20        | 2.426       | 2.404        | 2.468      | VV       | 2671           | 46655        | 1.64%          | 0.028%        |
| 21        | 2.486       | 2.468        | 2.504      | VV       | 1083           | 16099        | 0.57%          | 0.010%        |
| 22        | 2.518       | 2.504        | 2.577      | VV       | 1021           | 25294        | 0.89%          | 0.015%        |
| 23        | 2.580       | 2.577        | 2.592      | VV       | 341            | 2809         | 0.10%          | 0.002%        |
| 24        | 2.610       | 2.592        | 2.626      | VV       | 773            | 11723        | 0.41%          | 0.007%        |
| 25        | 2.648       | 2.626        | 2.666      | VV       | 1788           | 25832        | 0.91%          | 0.015%        |
| 26        | 2.671       | 2.666        | 2.701      | VV       | 875            | 10859        | 0.38%          | 0.006%        |
| 27        | 2.718       | 2.701        | 2.733      | VV       | 377            | 5304         | 0.19%          | 0.003%        |
| 28        | 2.759       | 2.733        | 2.795      | VV       | 3549           | 68655        | 2.42%          | 0.041%        |
| 29        | 2.802       | 2.795        | 2.820      | VV       | 579            | 7680         | 0.27%          | 0.005%        |
| 30        | 2.834       | 2.820        | 2.852      | VV       | 553            | 8907         | 0.31%          | 0.005%        |
| 31        | 2.886       | 2.852        | 2.918      | VV       | 1230           | 32281        | 1.14%          | 0.019%        |
| 32        | 2.939       | 2.918        | 2.943      | VV       | 981            | 13382        | 0.47%          | 0.008%        |
| 33        | 2.974       | 2.943        | 2.999      | VV       | 1837           | 37411        | 1.32%          | 0.022%        |
| 34        | 3.033       | 2.999        | 3.056      | VV       | 2832           | 44507        | 1.57%          | 0.026%        |
| 35        | 3.079       | 3.056        | 3.094      | VV       | 1460           | 23536        | 0.83%          | 0.014%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 36 | 3.116 | 3.094 | 3.136 | VV | 1601   | 29028  | 1.02% | 0.017% |
| 37 | 3.158 | 3.136 | 3.189 | VV | 1515   | 29548  | 1.04% | 0.017% |
| 38 | 3.193 | 3.189 | 3.198 | VV | 344    | 1622   | 0.06% | 0.001% |
| 39 | 3.213 | 3.198 | 3.232 | VV | 515    | 7581   | 0.27% | 0.004% |
| 40 | 3.237 | 3.232 | 3.243 | VV | 422    | 1657   | 0.06% | 0.001% |
|    |       |       |       |    |        |        |       |        |
| 41 | 3.262 | 3.243 | 3.286 | VV | 467    | 8406   | 0.30% | 0.005% |
| 42 | 3.336 | 3.286 | 3.348 | VV | 2268   | 47203  | 1.66% | 0.028% |
| 43 | 3.354 | 3.348 | 3.375 | VV | 1933   | 20908  | 0.74% | 0.012% |
| 44 | 3.381 | 3.375 | 3.433 | VV | 490    | 9054   | 0.32% | 0.005% |
| 45 | 3.456 | 3.433 | 3.468 | PV | 753    | 8599   | 0.30% | 0.005% |
|    |       |       |       |    |        |        |       |        |
| 46 | 3.483 | 3.468 | 3.498 | VV | 1241   | 16629  | 0.59% | 0.010% |
| 47 | 3.511 | 3.498 | 3.532 | VV | 1047   | 14327  | 0.50% | 0.008% |
| 48 | 3.551 | 3.532 | 3.565 | VV | 1451   | 18696  | 0.66% | 0.011% |
| 49 | 3.580 | 3.565 | 3.607 | VV | 1324   | 20812  | 0.73% | 0.012% |
| 50 | 3.622 | 3.607 | 3.634 | VV | 712    | 8354   | 0.29% | 0.005% |
|    |       |       |       |    |        |        |       |        |
| 51 | 3.655 | 3.634 | 3.701 | VV | 2588   | 53694  | 1.89% | 0.032% |
| 52 | 3.728 | 3.701 | 3.766 | VV | 1827   | 42551  | 1.50% | 0.025% |
| 53 | 3.786 | 3.766 | 3.808 | VV | 4864   | 70024  | 2.47% | 0.041% |
| 54 | 3.823 | 3.808 | 3.839 | VV | 2500   | 35016  | 1.23% | 0.021% |
| 55 | 3.868 | 3.839 | 3.903 | VV | 5018   | 82375  | 2.90% | 0.049% |
|    |       |       |       |    |        |        |       |        |
| 56 | 3.924 | 3.903 | 3.939 | VV | 4214   | 49282  | 1.74% | 0.029% |
| 57 | 3.947 | 3.939 | 3.959 | VV | 2053   | 19944  | 0.70% | 0.012% |
| 58 | 3.974 | 3.959 | 3.998 | VV | 4109   | 45015  | 1.58% | 0.027% |
| 59 | 4.026 | 3.998 | 4.085 | VV | 4395   | 104551 | 3.68% | 0.062% |
| 60 | 4.131 | 4.085 | 4.150 | PV | 14278  | 182434 | 6.42% | 0.108% |
|    |       |       |       |    |        |        |       |        |
| 61 | 4.166 | 4.150 | 4.183 | VV | 4621   | 60844  | 2.14% | 0.036% |
| 62 | 4.200 | 4.183 | 4.218 | VV | 2813   | 43055  | 1.52% | 0.025% |
| 63 | 4.237 | 4.218 | 4.262 | VV | 3847   | 57696  | 2.03% | 0.034% |
| 64 | 4.285 | 4.262 | 4.297 | VV | 3008   | 37955  | 1.34% | 0.022% |
| 65 | 4.315 | 4.297 | 4.327 | VV | 7640   | 85790  | 3.02% | 0.051% |
|    |       |       |       |    |        |        |       |        |
| 66 | 4.333 | 4.327 | 4.348 | VV | 4965   | 49863  | 1.76% | 0.030% |
| 67 | 4.362 | 4.348 | 4.380 | VV | 4431   | 60137  | 2.12% | 0.036% |
| 68 | 4.397 | 4.380 | 4.423 | VV | 2482   | 48668  | 1.71% | 0.029% |
| 69 | 4.427 | 4.423 | 4.447 | VV | 870    | 6703   | 0.24% | 0.004% |
| 70 | 4.487 | 4.447 | 4.510 | PV | 4968   | 68805  | 2.42% | 0.041% |
|    |       |       |       |    |        |        |       |        |
| 71 | 4.533 | 4.510 | 4.559 | VV | 3616   | 59697  | 2.10% | 0.035% |
| 72 | 4.590 | 4.559 | 4.614 | VV | 6808   | 103959 | 3.66% | 0.062% |
| 73 | 4.631 | 4.614 | 4.647 | VV | 3451   | 39363  | 1.39% | 0.023% |
| 74 | 4.665 | 4.647 | 4.691 | VV | 2605   | 36455  | 1.28% | 0.022% |
| 75 | 4.724 | 4.691 | 4.731 | VV | 652    | 11979  | 0.42% | 0.007% |
|    |       |       |       |    |        |        |       |        |
| 76 | 4.762 | 4.731 | 4.788 | VV | 3879   | 85177  | 3.00% | 0.050% |
| 77 | 4.805 | 4.788 | 4.830 | VV | 3776   | 70178  | 2.47% | 0.042% |
| 78 | 4.840 | 4.830 | 4.857 | VV | 2392   | 31445  | 1.11% | 0.019% |
| 79 | 4.875 | 4.857 | 4.890 | VV | 8587   | 92466  | 3.26% | 0.055% |
| 80 | 4.910 | 4.890 | 4.927 | VV | 6963   | 108295 | 3.81% | 0.064% |
|    |       |       |       |    |        |        |       |        |
| 81 | 4.934 | 4.927 | 4.946 | VV | 3536   | 37635  | 1.33% | 0.022% |
| 82 | 4.954 | 4.946 | 4.966 | VV | 3359   | 35059  | 1.23% | 0.021% |
| 83 | 4.981 | 4.966 | 4.994 | VV | 4715   | 59506  | 2.10% | 0.035% |
| 84 | 5.013 | 4.994 | 5.029 | VV | 8365   | 119421 | 4.20% | 0.071% |
| 85 | 5.051 | 5.029 | 5.078 | VV | 5529   | 118754 | 4.18% | 0.070% |
|    |       |       |       |    |        |        |       |        |
| 86 | 5.102 | 5.078 | 5.141 | VV | 6885   | 134158 | 4.72% | 0.079% |
| 87 | 5.172 | 5.141 | 5.189 | VV | 2649   | 44414  | 1.56% | 0.026% |
| 88 | 5.205 | 5.189 | 5.219 | VV | 2985   | 35712  | 1.26% | 0.021% |

|     |       |       |       |    |        |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
|     |       |       |       |    | rteres |        |        |        |
| 89  | 5.236 | 5.219 | 5.259 | VV | 8079   | 110746 | 3.90%  | 0.066% |
| 90  | 5.272 | 5.259 | 5.284 | VV | 3750   | 50655  | 1.78%  | 0.030% |
| 91  | 5.298 | 5.284 | 5.324 | VV | 5143   | 74220  | 2.61%  | 0.044% |
| 92  | 5.349 | 5.324 | 5.364 | VV | 8810   | 111927 | 3.94%  | 0.066% |
| 93  | 5.378 | 5.364 | 5.396 | VV | 11364  | 125126 | 4.41%  | 0.074% |
| 94  | 5.410 | 5.396 | 5.450 | VV | 4094   | 68936  | 2.43%  | 0.041% |
| 95  | 5.479 | 5.450 | 5.493 | VV | 3868   | 54735  | 1.93%  | 0.032% |
| 96  | 5.508 | 5.493 | 5.520 | VV | 2789   | 39619  | 1.39%  | 0.023% |
| 97  | 5.533 | 5.520 | 5.558 | VV | 3889   | 56950  | 2.01%  | 0.034% |
| 98  | 5.577 | 5.558 | 5.589 | VV | 2779   | 41424  | 1.46%  | 0.025% |
| 99  | 5.605 | 5.589 | 5.624 | VV | 4073   | 62403  | 2.20%  | 0.037% |
| 100 | 5.630 | 5.624 | 5.654 | VV | 1839   | 25064  | 0.88%  | 0.015% |
| 101 | 5.670 | 5.654 | 5.688 | VV | 2066   | 25696  | 0.90%  | 0.015% |
| 102 | 5.727 | 5.688 | 5.773 | VV | 17646  | 289031 | 10.18% | 0.171% |
| 103 | 5.783 | 5.773 | 5.798 | VV | 2084   | 23552  | 0.83%  | 0.014% |
| 104 | 5.806 | 5.798 | 5.833 | VV | 1022   | 13962  | 0.49%  | 0.008% |
| 105 | 5.852 | 5.833 | 5.870 | VV | 1026   | 13622  | 0.48%  | 0.008% |
| 106 | 5.883 | 5.870 | 5.893 | VV | 726    | 7245   | 0.26%  | 0.004% |
| 107 | 5.917 | 5.893 | 5.943 | VV | 5940   | 88190  | 3.10%  | 0.052% |
| 108 | 5.955 | 5.943 | 5.965 | VV | 1977   | 19302  | 0.68%  | 0.011% |
| 109 | 5.975 | 5.965 | 5.985 | VV | 1921   | 19990  | 0.70%  | 0.012% |
| 110 | 5.995 | 5.985 | 6.005 | VV | 2003   | 21190  | 0.75%  | 0.013% |
| 111 | 6.023 | 6.005 | 6.038 | VV | 8781   | 105582 | 3.72%  | 0.063% |
| 112 | 6.042 | 6.038 | 6.064 | VV | 4708   | 48639  | 1.71%  | 0.029% |
| 113 | 6.078 | 6.064 | 6.105 | VV | 4036   | 56721  | 2.00%  | 0.034% |
| 114 | 6.117 | 6.105 | 6.130 | VV | 2886   | 30859  | 1.09%  | 0.018% |
| 115 | 6.142 | 6.130 | 6.148 | VV | 1544   | 14075  | 0.50%  | 0.008% |
| 116 | 6.160 | 6.148 | 6.182 | VV | 2234   | 26755  | 0.94%  | 0.016% |
| 117 | 6.211 | 6.182 | 6.229 | VV | 3198   | 40023  | 1.41%  | 0.024% |
| 118 | 6.264 | 6.229 | 6.281 | VV | 3136   | 54083  | 1.90%  | 0.032% |
| 119 | 6.299 | 6.281 | 6.324 | VV | 5810   | 86558  | 3.05%  | 0.051% |
| 120 | 6.338 | 6.324 | 6.378 | VV | 4410   | 81923  | 2.88%  | 0.049% |
| 121 | 6.404 | 6.378 | 6.422 | VV | 2847   | 37019  | 1.30%  | 0.022% |
| 122 | 6.464 | 6.422 | 6.482 | VV | 7279   | 142661 | 5.02%  | 0.084% |
| 123 | 6.496 | 6.482 | 6.515 | VV | 4342   | 58638  | 2.06%  | 0.035% |
| 124 | 6.531 | 6.515 | 6.544 | VV | 2856   | 30167  | 1.06%  | 0.018% |
| 125 | 6.574 | 6.544 | 6.615 | VV | 5188   | 123105 | 4.33%  | 0.073% |
| 126 | 6.633 | 6.615 | 6.649 | VV | 1423   | 21560  | 0.76%  | 0.013% |
| 127 | 6.682 | 6.649 | 6.719 | VV | 4424   | 85596  | 3.01%  | 0.051% |
| 128 | 6.730 | 6.719 | 6.735 | VV | 932    | 7690   | 0.27%  | 0.005% |
| 129 | 6.759 | 6.735 | 6.811 | VV | 8541   | 120320 | 4.24%  | 0.071% |
| 130 | 6.848 | 6.811 | 6.860 | PV | 1572   | 24020  | 0.85%  | 0.014% |
| 131 | 6.878 | 6.860 | 6.896 | VV | 2477   | 38708  | 1.36%  | 0.023% |
| 132 | 6.913 | 6.896 | 6.941 | VV | 5061   | 70908  | 2.50%  | 0.042% |
| 133 | 6.959 | 6.941 | 6.976 | VV | 2567   | 36003  | 1.27%  | 0.021% |
| 134 | 6.988 | 6.976 | 7.000 | VV | 1658   | 17590  | 0.62%  | 0.010% |
| 135 | 7.016 | 7.000 | 7.025 | VV | 1584   | 19373  | 0.68%  | 0.011% |
| 136 | 7.044 | 7.025 | 7.068 | VV | 5912   | 68951  | 2.43%  | 0.041% |
| 137 | 7.088 | 7.068 | 7.096 | VV | 2062   | 25261  | 0.89%  | 0.015% |
| 138 | 7.103 | 7.096 | 7.118 | VV | 1996   | 20391  | 0.72%  | 0.012% |
| 139 | 7.125 | 7.118 | 7.137 | VV | 904    | 8565   | 0.30%  | 0.005% |
| 140 | 7.167 | 7.137 | 7.192 | VV | 7238   | 89746  | 3.16%  | 0.053% |

|     |       |       |       |    | rteres |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
| 141 | 7.210 | 7.192 | 7.222 | VV | 1723   | 23679  | 0.83% | 0.014% |
| 142 | 7.237 | 7.222 | 7.256 | VV | 2909   | 41560  | 1.46% | 0.025% |
| 143 | 7.273 | 7.256 | 7.279 | VV | 3172   | 33225  | 1.17% | 0.020% |
| 144 | 7.292 | 7.279 | 7.313 | VV | 4286   | 57554  | 2.03% | 0.034% |
| 145 | 7.334 | 7.313 | 7.365 | VV | 5941   | 101871 | 3.59% | 0.060% |
|     |       |       |       |    |        |        |       |        |
| 146 | 7.395 | 7.365 | 7.419 | VV | 9238   | 149612 | 5.27% | 0.089% |
| 147 | 7.437 | 7.419 | 7.458 | VV | 3442   | 52249  | 1.84% | 0.031% |
| 148 | 7.480 | 7.458 | 7.515 | VV | 6132   | 98254  | 3.46% | 0.058% |
| 149 | 7.534 | 7.515 | 7.564 | VV | 7120   | 103642 | 3.65% | 0.061% |
| 150 | 7.581 | 7.564 | 7.630 | VV | 2032   | 47899  | 1.69% | 0.028% |
|     |       |       |       |    |        |        |       |        |
| 151 | 7.640 | 7.630 | 7.647 | VV | 600    | 5455   | 0.19% | 0.003% |
| 152 | 7.685 | 7.647 | 7.693 | VV | 6590   | 79732  | 2.81% | 0.047% |
| 153 | 7.707 | 7.693 | 7.733 | VV | 12891  | 157207 | 5.53% | 0.093% |
| 154 | 7.748 | 7.733 | 7.756 | VV | 2383   | 26759  | 0.94% | 0.016% |
| 155 | 7.764 | 7.756 | 7.788 | VV | 2288   | 41806  | 1.47% | 0.025% |
|     |       |       |       |    |        |        |       |        |
| 156 | 7.794 | 7.788 | 7.816 | VV | 2165   | 23773  | 0.84% | 0.014% |
| 157 | 7.829 | 7.816 | 7.856 | VV | 886    | 16740  | 0.59% | 0.010% |
| 158 | 7.882 | 7.856 | 7.916 | VV | 5689   | 100107 | 3.52% | 0.059% |
| 159 | 7.937 | 7.916 | 7.960 | VV | 3148   | 43526  | 1.53% | 0.026% |
| 160 | 7.979 | 7.960 | 7.992 | VV | 1033   | 12018  | 0.42% | 0.007% |
|     |       |       |       |    |        |        |       |        |
| 161 | 8.002 | 7.992 | 8.010 | VV | 1017   | 9051   | 0.32% | 0.005% |
| 162 | 8.025 | 8.010 | 8.035 | VV | 2874   | 30519  | 1.07% | 0.018% |
| 163 | 8.045 | 8.035 | 8.062 | VV | 2195   | 27057  | 0.95% | 0.016% |
| 164 | 8.079 | 8.062 | 8.090 | VV | 1970   | 23436  | 0.83% | 0.014% |
| 165 | 8.109 | 8.090 | 8.124 | VV | 3742   | 54084  | 1.90% | 0.032% |
|     |       |       |       |    |        |        |       |        |
| 166 | 8.141 | 8.124 | 8.159 | VV | 3610   | 56299  | 1.98% | 0.033% |
| 167 | 8.171 | 8.159 | 8.179 | VV | 2410   | 27005  | 0.95% | 0.016% |
| 168 | 8.190 | 8.179 | 8.212 | VV | 2744   | 37612  | 1.32% | 0.022% |
| 169 | 8.235 | 8.212 | 8.255 | VV | 3271   | 46930  | 1.65% | 0.028% |
| 170 | 8.284 | 8.255 | 8.303 | VV | 5137   | 85581  | 3.01% | 0.051% |
|     |       |       |       |    |        |        |       |        |
| 171 | 8.320 | 8.303 | 8.331 | VV | 5449   | 65552  | 2.31% | 0.039% |
| 172 | 8.341 | 8.331 | 8.372 | VV | 5536   | 70229  | 2.47% | 0.042% |
| 173 | 8.408 | 8.372 | 8.446 | VV | 8676   | 156145 | 5.50% | 0.092% |
| 174 | 8.474 | 8.446 | 8.480 | VV | 1625   | 30069  | 1.06% | 0.018% |
| 175 | 8.512 | 8.480 | 8.528 | VV | 9008   | 138582 | 4.88% | 0.082% |
|     |       |       |       |    |        |        |       |        |
| 176 | 8.540 | 8.528 | 8.557 | VV | 5897   | 71684  | 2.52% | 0.042% |
| 177 | 8.590 | 8.557 | 8.617 | VV | 17224  | 248096 | 8.73% | 0.147% |
| 178 | 8.632 | 8.617 | 8.649 | VV | 2963   | 45461  | 1.60% | 0.027% |
| 179 | 8.693 | 8.649 | 8.723 | VV | 4592   | 138916 | 4.89% | 0.082% |
| 180 | 8.752 | 8.723 | 8.766 | VV | 4072   | 64167  | 2.26% | 0.038% |
|     |       |       |       |    |        |        |       |        |
| 181 | 8.785 | 8.766 | 8.798 | VV | 3409   | 52756  | 1.86% | 0.031% |
| 182 | 8.813 | 8.798 | 8.852 | VV | 4836   | 85193  | 3.00% | 0.050% |
| 183 | 8.882 | 8.852 | 8.906 | VV | 2426   | 45944  | 1.62% | 0.027% |
| 184 | 8.919 | 8.906 | 8.932 | VV | 1385   | 15902  | 0.56% | 0.009% |
| 185 | 8.952 | 8.932 | 8.975 | VV | 3339   | 62534  | 2.20% | 0.037% |
|     |       |       |       |    |        |        |       |        |
| 186 | 8.997 | 8.975 | 9.024 | VV | 17200  | 235324 | 8.29% | 0.139% |
| 187 | 9.045 | 9.024 | 9.068 | VV | 5116   | 103662 | 3.65% | 0.061% |
| 188 | 9.085 | 9.068 | 9.100 | VV | 3414   | 55414  | 1.95% | 0.033% |
| 189 | 9.131 | 9.100 | 9.160 | VV | 9231   | 165328 | 5.82% | 0.098% |
| 190 | 9.186 | 9.160 | 9.202 | VV | 3239   | 52976  | 1.87% | 0.031% |
|     |       |       |       |    |        |        |       |        |
| 191 | 9.213 | 9.202 | 9.221 | VV | 2007   | 22459  | 0.79% | 0.013% |
| 192 | 9.240 | 9.221 | 9.257 | VV | 5990   | 82368  | 2.90% | 0.049% |
| 193 | 9.273 | 9.257 | 9.297 | VV | 7825   | 101899 | 3.59% | 0.060% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 194 | 9.312  | 9.297  | 9.326  | VV | 2243   | 30515   | 1.07%  | 0.018% |
| 195 | 9.363  | 9.326  | 9.379  | VV | 3445   | 77510   | 2.73%  | 0.046% |
| 196 | 9.418  | 9.379  | 9.438  | VV | 22777  | 302918  | 10.66% | 0.179% |
| 197 | 9.450  | 9.438  | 9.487  | VV | 5819   | 91898   | 3.24%  | 0.054% |
| 198 | 9.509  | 9.487  | 9.533  | VV | 2596   | 45115   | 1.59%  | 0.027% |
| 199 | 9.567  | 9.533  | 9.585  | VV | 4386   | 67713   | 2.38%  | 0.040% |
| 200 | 9.599  | 9.585  | 9.613  | VV | 3335   | 35601   | 1.25%  | 0.021% |
| 201 | 9.621  | 9.613  | 9.635  | VV | 1545   | 16688   | 0.59%  | 0.010% |
| 202 | 9.651  | 9.635  | 9.667  | VV | 2387   | 29345   | 1.03%  | 0.017% |
| 203 | 9.683  | 9.667  | 9.688  | VV | 1779   | 18387   | 0.65%  | 0.011% |
| 204 | 9.705  | 9.688  | 9.723  | VV | 5228   | 66488   | 2.34%  | 0.039% |
| 205 | 9.742  | 9.723  | 9.765  | VV | 5405   | 81108   | 2.86%  | 0.048% |
| 206 | 9.788  | 9.765  | 9.829  | VV | 15426  | 242193  | 8.53%  | 0.143% |
| 207 | 9.841  | 9.829  | 9.848  | VV | 2340   | 23784   | 0.84%  | 0.014% |
| 208 | 9.870  | 9.848  | 9.900  | VV | 6039   | 128995  | 4.54%  | 0.076% |
| 209 | 9.937  | 9.900  | 9.957  | VV | 6570   | 145640  | 5.13%  | 0.086% |
| 210 | 9.980  | 9.957  | 9.988  | VV | 4140   | 66412   | 2.34%  | 0.039% |
| 211 | 9.996  | 9.988  | 10.018 | VV | 4213   | 55757   | 1.96%  | 0.033% |
| 212 | 10.030 | 10.018 | 10.042 | VV | 1836   | 23527   | 0.83%  | 0.014% |
| 213 | 10.069 | 10.042 | 10.096 | VV | 179465 | 1824360 | 64.23% | 1.080% |
| 214 | 10.114 | 10.096 | 10.145 | VV | 6857   | 126568  | 4.46%  | 0.075% |
| 215 | 10.159 | 10.145 | 10.179 | VV | 4408   | 75423   | 2.66%  | 0.045% |
| 216 | 10.202 | 10.179 | 10.254 | VV | 28198  | 411050  | 14.47% | 0.243% |
| 217 | 10.277 | 10.254 | 10.292 | VV | 2575   | 44876   | 1.58%  | 0.027% |
| 218 | 10.308 | 10.292 | 10.346 | VV | 2656   | 43127   | 1.52%  | 0.026% |
| 219 | 10.377 | 10.346 | 10.405 | PV | 2695   | 45431   | 1.60%  | 0.027% |
| 220 | 10.414 | 10.405 | 10.425 | VV | 653    | 6337    | 0.22%  | 0.004% |
| 221 | 10.447 | 10.425 | 10.461 | VV | 648    | 11291   | 0.40%  | 0.007% |
| 222 | 10.477 | 10.461 | 10.490 | VV | 1326   | 17143   | 0.60%  | 0.010% |
| 223 | 10.501 | 10.490 | 10.515 | VV | 1016   | 12777   | 0.45%  | 0.008% |
| 224 | 10.543 | 10.515 | 10.569 | VV | 11023  | 161017  | 5.67%  | 0.095% |
| 225 | 10.591 | 10.569 | 10.617 | VV | 11714  | 176950  | 6.23%  | 0.105% |
| 226 | 10.646 | 10.617 | 10.659 | VV | 5664   | 91178   | 3.21%  | 0.054% |
| 227 | 10.676 | 10.659 | 10.700 | VV | 7814   | 119919  | 4.22%  | 0.071% |
| 228 | 10.716 | 10.700 | 10.726 | VV | 4818   | 56079   | 1.97%  | 0.033% |
| 229 | 10.736 | 10.726 | 10.765 | VV | 4359   | 58746   | 2.07%  | 0.035% |
| 230 | 10.791 | 10.765 | 10.825 | VV | 4066   | 81996   | 2.89%  | 0.049% |
| 231 | 10.845 | 10.825 | 10.883 | VV | 9711   | 158750  | 5.59%  | 0.094% |
| 232 | 10.894 | 10.883 | 10.908 | VV | 2838   | 34842   | 1.23%  | 0.021% |
| 233 | 10.943 | 10.908 | 10.977 | VV | 26640  | 407707  | 14.35% | 0.241% |
| 234 | 11.013 | 10.977 | 11.041 | VV | 14545  | 325708  | 11.47% | 0.193% |
| 235 | 11.065 | 11.041 | 11.083 | VV | 3337   | 63389   | 2.23%  | 0.038% |
| 236 | 11.095 | 11.083 | 11.112 | VV | 2499   | 32923   | 1.16%  | 0.019% |
| 237 | 11.129 | 11.112 | 11.145 | VV | 1497   | 26173   | 0.92%  | 0.016% |
| 238 | 11.163 | 11.145 | 11.171 | VV | 3161   | 34131   | 1.20%  | 0.020% |
| 239 | 11.197 | 11.171 | 11.243 | VV | 144103 | 1715604 | 60.40% | 1.016% |
| 240 | 11.272 | 11.243 | 11.310 | VV | 31857  | 412940  | 14.54% | 0.245% |
| 241 | 11.335 | 11.310 | 11.380 | VV | 4326   | 117594  | 4.14%  | 0.070% |
| 242 | 11.399 | 11.380 | 11.427 | VV | 3073   | 55140   | 1.94%  | 0.033% |
| 243 | 11.448 | 11.427 | 11.467 | VV | 3959   | 60880   | 2.14%  | 0.036% |
| 244 | 11.485 | 11.467 | 11.530 | VV | 9830   | 140518  | 4.95%  | 0.083% |
| 245 | 11.556 | 11.530 | 11.571 | PV | 1833   | 30069   | 1.06%  | 0.018% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 246 | 11.596 | 11.571 | 11.613 | VV | 2573   | 49943   | 1.76%  | 0.030% |
| 247 | 11.648 | 11.613 | 11.684 | VV | 24271  | 355730  | 12.52% | 0.211% |
| 248 | 11.738 | 11.684 | 11.760 | VV | 12715  | 298524  | 10.51% | 0.177% |
| 249 | 11.776 | 11.760 | 11.795 | VV | 11823  | 138593  | 4.88%  | 0.082% |
| 250 | 11.802 | 11.795 | 11.824 | VV | 3109   | 30590   | 1.08%  | 0.018% |
|     |        |        |        |    |        |         |        |        |
| 251 | 11.850 | 11.824 | 11.871 | VV | 3600   | 50214   | 1.77%  | 0.030% |
| 252 | 11.901 | 11.871 | 11.924 | VV | 6071   | 98567   | 3.47%  | 0.058% |
| 253 | 11.950 | 11.924 | 11.976 | VV | 2977   | 64522   | 2.27%  | 0.038% |
| 254 | 12.002 | 11.976 | 12.017 | VV | 19237  | 222599  | 7.84%  | 0.132% |
| 255 | 12.033 | 12.017 | 12.070 | VV | 24895  | 300403  | 10.58% | 0.178% |
|     |        |        |        |    |        |         |        |        |
| 256 | 12.099 | 12.070 | 12.104 | VV | 8594   | 92911   | 3.27%  | 0.055% |
| 257 | 12.118 | 12.104 | 12.135 | VV | 14945  | 188178  | 6.63%  | 0.111% |
| 258 | 12.151 | 12.135 | 12.165 | VV | 12386  | 151695  | 5.34%  | 0.090% |
| 259 | 12.182 | 12.165 | 12.219 | VV | 16218  | 205768  | 7.24%  | 0.122% |
| 260 | 12.225 | 12.219 | 12.238 | VV | 806    | 5281    | 0.19%  | 0.003% |
|     |        |        |        |    |        |         |        |        |
| 261 | 12.263 | 12.238 | 12.280 | PV | 1891   | 25648   | 0.90%  | 0.015% |
| 262 | 12.319 | 12.280 | 12.341 | VV | 21100  | 324672  | 11.43% | 0.192% |
| 263 | 12.364 | 12.341 | 12.387 | VV | 19881  | 322460  | 11.35% | 0.191% |
| 264 | 12.411 | 12.387 | 12.454 | VV | 20513  | 425005  | 14.96% | 0.252% |
| 265 | 12.475 | 12.454 | 12.501 | VV | 20737  | 262181  | 9.23%  | 0.155% |
|     |        |        |        |    |        |         |        |        |
| 266 | 12.509 | 12.501 | 12.520 | VV | 1807   | 18605   | 0.66%  | 0.011% |
| 267 | 12.578 | 12.520 | 12.611 | VV | 167534 | 2185434 | 76.94% | 1.294% |
| 268 | 12.623 | 12.611 | 12.642 | VV | 5050   | 75056   | 2.64%  | 0.044% |
| 269 | 12.653 | 12.642 | 12.668 | VV | 3196   | 39643   | 1.40%  | 0.023% |
| 270 | 12.684 | 12.668 | 12.691 | VV | 2452   | 27058   | 0.95%  | 0.016% |
|     |        |        |        |    |        |         |        |        |
| 271 | 12.706 | 12.691 | 12.711 | VV | 2524   | 25698   | 0.90%  | 0.015% |
| 272 | 12.728 | 12.711 | 12.765 | VV | 4829   | 91930   | 3.24%  | 0.054% |
| 273 | 12.791 | 12.765 | 12.804 | VV | 6595   | 91545   | 3.22%  | 0.054% |
| 274 | 12.816 | 12.804 | 12.836 | VV | 5766   | 75235   | 2.65%  | 0.045% |
| 275 | 12.854 | 12.836 | 12.882 | VV | 6990   | 102533  | 3.61%  | 0.061% |
|     |        |        |        |    |        |         |        |        |
| 276 | 12.906 | 12.882 | 12.925 | VV | 12190  | 165914  | 5.84%  | 0.098% |
| 277 | 12.962 | 12.925 | 12.993 | VV | 22500  | 364651  | 12.84% | 0.216% |
| 278 | 13.022 | 12.993 | 13.065 | VV | 147723 | 1718141 | 60.49% | 1.018% |
| 279 | 13.085 | 13.065 | 13.103 | PV | 1553   | 20325   | 0.72%  | 0.012% |
| 280 | 13.117 | 13.103 | 13.135 | VV | 995    | 13010   | 0.46%  | 0.008% |
|     |        |        |        |    |        |         |        |        |
| 281 | 13.153 | 13.135 | 13.163 | VV | 1078   | 12687   | 0.45%  | 0.008% |
| 282 | 13.210 | 13.163 | 13.273 | VV | 7327   | 244989  | 8.63%  | 0.145% |
| 283 | 13.281 | 13.273 | 13.293 | VV | 1052   | 9254    | 0.33%  | 0.005% |
| 284 | 13.321 | 13.293 | 13.340 | VV | 119851 | 1307673 | 46.04% | 0.774% |
| 285 | 13.356 | 13.340 | 13.372 | VV | 51305  | 629571  | 22.17% | 0.373% |
|     |        |        |        |    |        |         |        |        |
| 286 | 13.392 | 13.372 | 13.428 | VV | 62147  | 1047827 | 36.89% | 0.621% |
| 287 | 13.450 | 13.428 | 13.475 | VV | 33029  | 421856  | 14.85% | 0.250% |
| 288 | 13.492 | 13.475 | 13.506 | VV | 7126   | 97368   | 3.43%  | 0.058% |
| 289 | 13.519 | 13.506 | 13.547 | VV | 6399   | 92959   | 3.27%  | 0.055% |
| 290 | 13.585 | 13.547 | 13.610 | PV | 24966  | 444739  | 15.66% | 0.263% |
|     |        |        |        |    |        |         |        |        |
| 291 | 13.638 | 13.610 | 13.688 | VV | 22211  | 516646  | 18.19% | 0.306% |
| 292 | 13.716 | 13.688 | 13.735 | VV | 5873   | 111208  | 3.92%  | 0.066% |
| 293 | 13.746 | 13.735 | 13.759 | VV | 2874   | 33503   | 1.18%  | 0.020% |
| 294 | 13.804 | 13.759 | 13.838 | VV | 51887  | 777207  | 27.36% | 0.460% |
| 295 | 13.854 | 13.838 | 13.870 | VV | 2824   | 47525   | 1.67%  | 0.028% |
|     |        |        |        |    |        |         |        |        |
| 296 | 13.910 | 13.870 | 13.944 | VV | 17387  | 304231  | 10.71% | 0.180% |
| 297 | 13.960 | 13.944 | 13.965 | VV | 1671   | 16212   | 0.57%  | 0.010% |
| 298 | 13.979 | 13.965 | 13.991 | VV | 2143   | 24202   | 0.85%  | 0.014% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 299    | 14.021 | 13.991 | 14.041 | VV | 8684   | 135580  | 4.77%  | 0.080% |
| 300    | 14.059 | 14.041 | 14.076 | VV | 10293  | 128597  | 4.53%  | 0.076% |
| 301    | 14.099 | 14.076 | 14.131 | VV | 5061   | 106818  | 3.76%  | 0.063% |
| 302    | 14.164 | 14.131 | 14.179 | VV | 14017  | 216543  | 7.62%  | 0.128% |
| 303    | 14.189 | 14.179 | 14.208 | VV | 11058  | 122774  | 4.32%  | 0.073% |
| 304    | 14.229 | 14.208 | 14.269 | VV | 8300   | 121202  | 4.27%  | 0.072% |
| 305    | 14.300 | 14.269 | 14.327 | VV | 3496   | 58206   | 2.05%  | 0.034% |
| 306    | 14.342 | 14.327 | 14.355 | VV | 980    | 8473    | 0.30%  | 0.005% |
| 307    | 14.392 | 14.355 | 14.422 | PV | 4061   | 100658  | 3.54%  | 0.060% |
| 308    | 14.428 | 14.422 | 14.449 | VV | 2132   | 27396   | 0.96%  | 0.016% |
| 309    | 14.458 | 14.449 | 14.472 | VV | 1547   | 17829   | 0.63%  | 0.011% |
| 310    | 14.491 | 14.472 | 14.513 | VV | 4317   | 49861   | 1.76%  | 0.030% |
| 311    | 14.526 | 14.513 | 14.539 | PV | 1630   | 16006   | 0.56%  | 0.009% |
| 312    | 14.591 | 14.539 | 14.609 | VV | 4376   | 125721  | 4.43%  | 0.074% |
| 313    | 14.646 | 14.609 | 14.703 | VV | 14939  | 257795  | 9.08%  | 0.153% |
| 314    | 14.727 | 14.703 | 14.776 | VV | 11377  | 187417  | 6.60%  | 0.111% |
| 315    | 14.826 | 14.776 | 14.845 | VV | 11522  | 249818  | 8.80%  | 0.148% |
| 316    | 14.855 | 14.845 | 14.869 | VV | 4241   | 50994   | 1.80%  | 0.030% |
| 317    | 14.891 | 14.869 | 14.913 | VV | 16009  | 215038  | 7.57%  | 0.127% |
| 318    | 14.950 | 14.913 | 14.975 | VV | 18980  | 323637  | 11.39% | 0.192% |
| 319    | 14.986 | 14.975 | 14.996 | VV | 1781   | 19472   | 0.69%  | 0.012% |
| 320    | 15.016 | 14.996 | 15.024 | VV | 4043   | 47255   | 1.66%  | 0.028% |
| 321    | 15.066 | 15.024 | 15.109 | VV | 123207 | 1825833 | 64.28% | 1.081% |
| 322    | 15.154 | 15.109 | 15.172 | VV | 4730   | 78471   | 2.76%  | 0.046% |
| 323    | 15.204 | 15.172 | 15.224 | VV | 64628  | 804009  | 28.31% | 0.476% |
| 324    | 15.245 | 15.224 | 15.291 | VV | 56703  | 754780  | 26.57% | 0.447% |
| 325    | 15.294 | 15.291 | 15.303 | VV | 2783   | 17114   | 0.60%  | 0.010% |
| 326    | 15.318 | 15.303 | 15.328 | VV | 3037   | 37828   | 1.33%  | 0.022% |
| 327    | 15.366 | 15.328 | 15.391 | VV | 9580   | 184285  | 6.49%  | 0.109% |
| 328    | 15.409 | 15.391 | 15.424 | VV | 3895   | 56137   | 1.98%  | 0.033% |
| 329    | 15.445 | 15.424 | 15.477 | VV | 4973   | 87803   | 3.09%  | 0.052% |
| 330    | 15.481 | 15.477 | 15.485 | VV | 397    | 1113    | 0.04%  | 0.001% |
| 331    | 15.507 | 15.485 | 15.532 | PV | 7610   | 127092  | 4.47%  | 0.075% |
| 332    | 15.545 | 15.532 | 15.551 | VV | 5035   | 46995   | 1.65%  | 0.028% |
| 333    | 15.560 | 15.551 | 15.604 | VV | 4774   | 86952   | 3.06%  | 0.051% |
| 334    | 15.612 | 15.604 | 15.618 | VV | 1153   | 8832    | 0.31%  | 0.005% |
| 335    | 15.652 | 15.618 | 15.739 | VV | 67670  | 1336560 | 47.06% | 0.792% |
| 336    | 15.746 | 15.739 | 15.759 | VV | 1501   | 15425   | 0.54%  | 0.009% |
| 337    | 15.793 | 15.759 | 15.826 | VV | 10421  | 217872  | 7.67%  | 0.129% |
| 338    | 15.842 | 15.826 | 15.857 | VV | 7222   | 108997  | 3.84%  | 0.065% |
| 339    | 15.879 | 15.857 | 15.901 | VV | 15665  | 229679  | 8.09%  | 0.136% |
| 340    | 15.918 | 15.901 | 15.950 | VV | 7275   | 105797  | 3.72%  | 0.063% |
| 341    | 15.968 | 15.950 | 15.983 | VV | 2831   | 33551   | 1.18%  | 0.020% |
| 342    | 16.023 | 15.983 | 16.028 | VV | 6052   | 109917  | 3.87%  | 0.065% |
| 343    | 16.045 | 16.028 | 16.071 | VV | 8157   | 146488  | 5.16%  | 0.087% |
| 344    | 16.117 | 16.071 | 16.150 | VV | 5471   | 141419  | 4.98%  | 0.084% |
| 345    | 16.180 | 16.150 | 16.190 | VV | 4798   | 77841   | 2.74%  | 0.046% |
| 346    | 16.207 | 16.190 | 16.218 | VV | 5559   | 82543   | 2.91%  | 0.049% |
| 347    | 16.237 | 16.218 | 16.256 | VV | 6507   | 102690  | 3.62%  | 0.061% |
| 348    | 16.296 | 16.256 | 16.316 | VV | 11125  | 209777  | 7.39%  | 0.124% |
| 349    | 16.321 | 16.316 | 16.343 | VV | 6644   | 90889   | 3.20%  | 0.054% |
| 350    | 16.352 | 16.343 | 16.375 | VV | 4196   | 57765   | 2.03%  | 0.034% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 351 | 16.391 | 16.375 | 16.405 | VV | 2075   | 28982   | 1.02%  | 0.017% |
| 352 | 16.413 | 16.405 | 16.421 | VV | 1823   | 14094   | 0.50%  | 0.008% |
| 353 | 16.426 | 16.421 | 16.439 | VV | 1649   | 10037   | 0.35%  | 0.006% |
| 354 | 16.490 | 16.439 | 16.511 | PV | 8106   | 191071  | 6.73%  | 0.113% |
| 355 | 16.519 | 16.511 | 16.532 | VV | 4413   | 46036   | 1.62%  | 0.027% |
|     |        |        |        |    |        |         |        |        |
| 356 | 16.552 | 16.532 | 16.563 | VV | 5006   | 68960   | 2.43%  | 0.041% |
| 357 | 16.590 | 16.563 | 16.594 | VV | 7865   | 106190  | 3.74%  | 0.063% |
| 358 | 16.600 | 16.594 | 16.622 | VV | 8365   | 111652  | 3.93%  | 0.066% |
| 359 | 16.632 | 16.622 | 16.638 | VV | 6030   | 53049   | 1.87%  | 0.031% |
| 360 | 16.641 | 16.638 | 16.646 | VV | 5029   | 21236   | 0.75%  | 0.013% |
|     |        |        |        |    |        |         |        |        |
| 361 | 16.688 | 16.646 | 16.718 | VV | 18499  | 473361  | 16.67% | 0.280% |
| 362 | 16.770 | 16.718 | 16.790 | VV | 59776  | 1022357 | 35.99% | 0.605% |
| 363 | 16.794 | 16.790 | 16.835 | VV | 26652  | 315217  | 11.10% | 0.187% |
| 364 | 16.872 | 16.835 | 16.879 | VV | 7316   | 152475  | 5.37%  | 0.090% |
| 365 | 16.898 | 16.879 | 16.923 | VV | 14888  | 254892  | 8.97%  | 0.151% |
|     |        |        |        |    |        |         |        |        |
| 366 | 16.951 | 16.923 | 16.962 | VV | 9335   | 178728  | 6.29%  | 0.106% |
| 367 | 16.966 | 16.962 | 16.975 | VV | 7500   | 54294   | 1.91%  | 0.032% |
| 368 | 16.996 | 16.975 | 17.032 | VV | 9733   | 257114  | 9.05%  | 0.152% |
| 369 | 17.090 | 17.032 | 17.117 | VV | 38247  | 801572  | 28.22% | 0.475% |
| 370 | 17.147 | 17.117 | 17.191 | VV | 46966  | 774457  | 27.27% | 0.459% |
|     |        |        |        |    |        |         |        |        |
| 371 | 17.222 | 17.191 | 17.226 | VV | 9354   | 150618  | 5.30%  | 0.089% |
| 372 | 17.248 | 17.226 | 17.268 | VV | 27170  | 443304  | 15.61% | 0.263% |
| 373 | 17.298 | 17.268 | 17.348 | VV | 20666  | 651700  | 22.94% | 0.386% |
| 374 | 17.353 | 17.348 | 17.360 | VV | 8263   | 55174   | 1.94%  | 0.033% |
| 375 | 17.385 | 17.360 | 17.415 | VV | 10494  | 297992  | 10.49% | 0.176% |
|     |        |        |        |    |        |         |        |        |
| 376 | 17.421 | 17.415 | 17.438 | VV | 9589   | 121698  | 4.28%  | 0.072% |
| 377 | 17.467 | 17.438 | 17.480 | VV | 11701  | 260902  | 9.19%  | 0.155% |
| 378 | 17.502 | 17.480 | 17.537 | VV | 15346  | 435281  | 15.32% | 0.258% |
| 379 | 17.571 | 17.537 | 17.593 | VV | 13568  | 393458  | 13.85% | 0.233% |
| 380 | 17.598 | 17.593 | 17.603 | VV | 9872   | 58983   | 2.08%  | 0.035% |
|     |        |        |        |    |        |         |        |        |
| 381 | 17.649 | 17.603 | 17.660 | VV | 18954  | 530261  | 18.67% | 0.314% |
| 382 | 17.676 | 17.660 | 17.681 | VV | 17941  | 214917  | 7.57%  | 0.127% |
| 383 | 17.698 | 17.681 | 17.724 | VV | 21938  | 424895  | 14.96% | 0.252% |
| 384 | 17.737 | 17.724 | 17.758 | VV | 14475  | 263679  | 9.28%  | 0.156% |
| 385 | 17.773 | 17.758 | 17.788 | VV | 12424  | 213971  | 7.53%  | 0.127% |
|     |        |        |        |    |        |         |        |        |
| 386 | 17.817 | 17.788 | 17.853 | VV | 20820  | 581329  | 20.47% | 0.344% |
| 387 | 17.876 | 17.853 | 17.898 | VV | 15528  | 342243  | 12.05% | 0.203% |
| 388 | 17.936 | 17.898 | 17.956 | VV | 12217  | 376598  | 13.26% | 0.223% |
| 389 | 17.970 | 17.956 | 17.978 | VV | 11571  | 139030  | 4.89%  | 0.082% |
| 390 | 17.998 | 17.978 | 18.014 | VV | 12219  | 235644  | 8.30%  | 0.140% |
|     |        |        |        |    |        |         |        |        |
| 391 | 18.043 | 18.014 | 18.064 | VV | 16648  | 417289  | 14.69% | 0.247% |
| 392 | 18.072 | 18.064 | 18.077 | VV | 15412  | 107208  | 3.77%  | 0.063% |
| 393 | 18.087 | 18.077 | 18.095 | VV | 17055  | 172162  | 6.06%  | 0.102% |
| 394 | 18.141 | 18.095 | 18.164 | VV | 28776  | 863215  | 30.39% | 0.511% |
| 395 | 18.193 | 18.164 | 18.201 | VV | 16993  | 330214  | 11.63% | 0.196% |
|     |        |        |        |    |        |         |        |        |
| 396 | 18.206 | 18.201 | 18.211 | VV | 15535  | 91102   | 3.21%  | 0.054% |
| 397 | 18.229 | 18.211 | 18.239 | VV | 18408  | 276542  | 9.74%  | 0.164% |
| 398 | 18.244 | 18.239 | 18.248 | VV | 16792  | 85192   | 3.00%  | 0.050% |
| 399 | 18.255 | 18.248 | 18.260 | VV | 18553  | 124584  | 4.39%  | 0.074% |
| 400 | 18.292 | 18.260 | 18.317 | VV | 38315  | 955051  | 33.62% | 0.566% |
|     |        |        |        |    |        |         |        |        |
| 401 | 18.321 | 18.317 | 18.343 | VV | 25931  | 353400  | 12.44% | 0.209% |
| 402 | 18.348 | 18.343 | 18.356 | VV | 19012  | 139343  | 4.91%  | 0.083% |
| 403 | 18.366 | 18.356 | 18.400 | VV | 19314  | 461399  | 16.24% | 0.273% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 404 | 18.405 | 18.400 | 18.409 | VV | 15495  | 82218   | 2.89%  | 0.049% |
| 405 | 18.431 | 18.409 | 18.451 | VV | 25339  | 524180  | 18.45% | 0.310% |
| 406 | 18.465 | 18.451 | 18.480 | VV | 22228  | 369536  | 13.01% | 0.219% |
| 407 | 18.522 | 18.480 | 18.543 | VV | 65183  | 1697801 | 59.77% | 1.005% |
| 408 | 18.564 | 18.543 | 18.588 | VV | 41997  | 869767  | 30.62% | 0.515% |
| 409 | 18.605 | 18.588 | 18.615 | VV | 23203  | 346549  | 12.20% | 0.205% |
| 410 | 18.621 | 18.615 | 18.626 | VV | 22322  | 144043  | 5.07%  | 0.085% |
| 411 | 18.658 | 18.626 | 18.677 | VV | 49220  | 1031786 | 36.33% | 0.611% |
| 412 | 18.689 | 18.677 | 18.719 | VV | 34916  | 732795  | 25.80% | 0.434% |
| 413 | 18.728 | 18.719 | 18.749 | VV | 23775  | 393482  | 13.85% | 0.233% |
| 414 | 18.780 | 18.749 | 18.805 | VV | 53485  | 1094470 | 38.53% | 0.648% |
| 415 | 18.821 | 18.805 | 18.839 | VV | 27404  | 528618  | 18.61% | 0.313% |
| 416 | 18.861 | 18.839 | 18.881 | VV | 28521  | 670050  | 23.59% | 0.397% |
| 417 | 18.911 | 18.881 | 18.934 | VV | 30454  | 877020  | 30.88% | 0.519% |
| 418 | 18.972 | 18.934 | 19.000 | VV | 52760  | 1457847 | 51.33% | 0.863% |
| 419 | 19.008 | 19.000 | 19.013 | VV | 26543  | 207842  | 7.32%  | 0.123% |
| 420 | 19.084 | 19.013 | 19.107 | VV | 48648  | 1930144 | 67.95% | 1.143% |
| 421 | 19.135 | 19.107 | 19.160 | VV | 46794  | 1252777 | 44.11% | 0.742% |
| 422 | 19.175 | 19.160 | 19.192 | VV | 38110  | 688306  | 24.23% | 0.408% |
| 423 | 19.196 | 19.192 | 19.205 | VV | 33626  | 250453  | 8.82%  | 0.148% |
| 424 | 19.248 | 19.205 | 19.276 | VV | 42069  | 1625193 | 57.22% | 0.962% |
| 425 | 19.304 | 19.276 | 19.309 | VV | 44215  | 824914  | 29.04% | 0.489% |
| 426 | 19.345 | 19.309 | 19.352 | VV | 65849  | 1451230 | 51.09% | 0.859% |
| 427 | 19.354 | 19.352 | 19.365 | VV | 63799  | 461319  | 16.24% | 0.273% |
| 428 | 19.368 | 19.365 | 19.401 | VV | 60801  | 1167484 | 41.10% | 0.691% |
| 429 | 19.413 | 19.401 | 19.438 | VV | 50428  | 1062393 | 37.40% | 0.629% |
| 430 | 19.482 | 19.438 | 19.529 | VV | 54170  | 2562702 | 90.22% | 1.518% |
| 431 | 19.581 | 19.529 | 19.607 | VV | 49956  | 2106970 | 74.18% | 1.248% |
| 432 | 19.647 | 19.607 | 19.677 | VV | 48739  | 1930866 | 67.98% | 1.144% |
| 433 | 19.681 | 19.677 | 19.692 | VV | 45973  | 426329  | 15.01% | 0.252% |
| 434 | 19.699 | 19.692 | 19.702 | VV | 46075  | 251073  | 8.84%  | 0.149% |
| 435 | 19.709 | 19.702 | 19.720 | VV | 46719  | 497912  | 17.53% | 0.295% |
| 436 | 19.759 | 19.720 | 19.774 | VV | 58235  | 1650899 | 58.12% | 0.978% |
| 437 | 19.795 | 19.774 | 19.817 | VV | 60234  | 1452840 | 51.15% | 0.860% |
| 438 | 19.821 | 19.817 | 19.839 | VV | 54029  | 689660  | 24.28% | 0.408% |
| 439 | 19.878 | 19.839 | 19.918 | VV | 66239  | 2670243 | 94.01% | 1.581% |
| 440 | 19.942 | 19.918 | 19.982 | VV | 67956  | 2342600 | 82.48% | 1.387% |
| 441 | 20.015 | 19.982 | 20.049 | VV | 68451  | 2517856 | 88.65% | 1.491% |
| 442 | 20.058 | 20.049 | 20.086 | VV | 62095  | 1310690 | 46.15% | 0.776% |
| 443 | 20.117 | 20.086 | 20.130 | VV | 77733  | 1819404 | 64.06% | 1.077% |
| 444 | 20.138 | 20.130 | 20.175 | VV | 76659  | 1845990 | 64.99% | 1.093% |
| 445 | 20.194 | 20.175 | 20.214 | VV | 70012  | 1569637 | 55.26% | 0.930% |
| 446 | 20.223 | 20.214 | 20.238 | VV | 61602  | 856503  | 30.15% | 0.507% |
| 447 | 20.243 | 20.238 | 20.249 | VV | 62263  | 415489  | 14.63% | 0.246% |
| 448 | 20.254 | 20.249 | 20.266 | VV | 61520  | 622015  | 21.90% | 0.368% |
| 449 | 20.293 | 20.266 | 20.299 | VV | 71807  | 1319532 | 46.46% | 0.781% |
| 450 | 20.322 | 20.299 | 20.355 | VV | 83429  | 2576649 | 90.72% | 1.526% |
| 451 | 20.375 | 20.355 | 20.380 | VV | 72073  | 1008545 | 35.51% | 0.597% |
| 452 | 20.383 | 20.380 | 20.386 | VV | 71283  | 264492  | 9.31%  | 0.157% |
| 453 | 20.418 | 20.386 | 20.446 | VV | 80007  | 2662305 | 93.73% | 1.577% |
| 454 | 20.465 | 20.446 | 20.469 | VV | 71883  | 983697  | 34.63% | 0.583% |
| 455 | 20.474 | 20.469 | 20.479 | VV | 71614  | 419857  | 14.78% | 0.249% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 456 | 20.505 | 20.479 | 20.543 | VV | 81417  | 2840348 | 100.00% | 1.682% |
| 457 | 20.578 | 20.543 | 20.595 | VV | 79612  | 2342806 | 82.48%  | 1.387% |
| 458 | 20.600 | 20.595 | 20.631 | VV | 76521  | 1597501 | 56.24%  | 0.946% |
| 459 | 20.651 | 20.631 | 20.663 | VV | 78798  | 1414781 | 49.81%  | 0.838% |
| 460 | 20.676 | 20.663 | 20.693 | VV | 80987  | 1421383 | 50.04%  | 0.842% |
|     |        |        |        |    |        |         |         |        |
| 461 | 20.720 | 20.693 | 20.731 | VV | 80851  | 1793506 | 63.14%  | 1.062% |
| 462 | 20.736 | 20.731 | 20.749 | VV | 78352  | 840708  | 29.60%  | 0.498% |
| 463 | 20.755 | 20.749 | 20.758 | VV | 76415  | 398086  | 14.02%  | 0.236% |
| 464 | 20.765 | 20.758 | 20.785 | VV | 78461  | 1203777 | 42.38%  | 0.713% |
| 465 | 20.813 | 20.785 | 20.838 | VV | 93260  | 2620575 | 92.26%  | 1.552% |
|     |        |        |        |    |        |         |         |        |
| 466 | 20.871 | 20.838 | 20.898 | VV | 78636  | 2570366 | 90.49%  | 1.522% |
| 467 | 20.918 | 20.898 | 20.947 | VV | 71515  | 1996894 | 70.30%  | 1.183% |
| 468 | 20.983 | 20.947 | 21.008 | VV | 74700  | 2538659 | 89.38%  | 1.503% |
| 469 | 21.012 | 21.008 | 21.045 | VV | 68469  | 1463363 | 51.52%  | 0.867% |
| 470 | 21.052 | 21.045 | 21.058 | VV | 60929  | 443917  | 15.63%  | 0.263% |
|     |        |        |        |    |        |         |         |        |
| 471 | 21.077 | 21.058 | 21.105 | VV | 61766  | 1699186 | 59.82%  | 1.006% |
| 472 | 21.108 | 21.105 | 21.143 | VV | 61466  | 1341671 | 47.24%  | 0.795% |
| 473 | 21.156 | 21.143 | 21.194 | VV | 56894  | 1641059 | 57.78%  | 0.972% |
| 474 | 21.219 | 21.194 | 21.227 | VV | 53259  | 1044405 | 36.77%  | 0.619% |
| 475 | 21.258 | 21.227 | 21.296 | VV | 63210  | 2272700 | 80.01%  | 1.346% |
|     |        |        |        |    |        |         |         |        |
| 476 | 21.304 | 21.296 | 21.309 | VV | 49935  | 384003  | 13.52%  | 0.227% |
| 477 | 21.315 | 21.309 | 21.331 | VV | 50533  | 667822  | 23.51%  | 0.396% |
| 478 | 21.337 | 21.331 | 21.346 | VV | 50852  | 446975  | 15.74%  | 0.265% |
| 479 | 21.374 | 21.346 | 21.413 | VV | 53358  | 1973463 | 69.48%  | 1.169% |
| 480 | 21.424 | 21.413 | 21.453 | VV | 46297  | 1046805 | 36.85%  | 0.620% |
|     |        |        |        |    |        |         |         |        |
| 481 | 21.459 | 21.453 | 21.506 | VV | 44686  | 1278616 | 45.02%  | 0.757% |
| 482 | 21.513 | 21.506 | 21.521 | VV | 39157  | 355450  | 12.51%  | 0.211% |
| 483 | 21.534 | 21.521 | 21.546 | VV | 40048  | 576063  | 20.28%  | 0.341% |
| 484 | 21.552 | 21.546 | 21.563 | VV | 40291  | 391254  | 13.77%  | 0.232% |
| 485 | 21.567 | 21.563 | 21.583 | VV | 39831  | 454933  | 16.02%  | 0.269% |
|     |        |        |        |    |        |         |         |        |
| 486 | 21.588 | 21.583 | 21.596 | VV | 38774  | 295793  | 10.41%  | 0.175% |
| 487 | 21.600 | 21.596 | 21.629 | VV | 38665  | 733207  | 25.81%  | 0.434% |
| 488 | 21.654 | 21.629 | 21.675 | VV | 39467  | 1015737 | 35.76%  | 0.602% |
| 489 | 21.706 | 21.675 | 21.758 | VV | 43737  | 1855169 | 65.31%  | 1.099% |
| 490 | 21.771 | 21.758 | 21.781 | VV | 32006  | 421938  | 14.86%  | 0.250% |
|     |        |        |        |    |        |         |         |        |
| 491 | 21.787 | 21.781 | 21.795 | VV | 31096  | 253875  | 8.94%   | 0.150% |
| 492 | 21.803 | 21.795 | 21.809 | VV | 27405  | 224263  | 7.90%   | 0.133% |
| 493 | 21.828 | 21.809 | 21.858 | VV | 31145  | 832171  | 29.30%  | 0.493% |
| 494 | 21.875 | 21.858 | 21.898 | VV | 27546  | 623716  | 21.96%  | 0.369% |
| 495 | 21.908 | 21.898 | 21.921 | VV | 25652  | 329085  | 11.59%  | 0.195% |
|     |        |        |        |    |        |         |         |        |
| 496 | 21.936 | 21.921 | 21.942 | VV | 24468  | 291235  | 10.25%  | 0.172% |
| 497 | 21.947 | 21.942 | 21.968 | VV | 23742  | 350880  | 12.35%  | 0.208% |
| 498 | 21.973 | 21.968 | 21.988 | VV | 23544  | 254634  | 8.96%   | 0.151% |
| 499 | 21.997 | 21.988 | 22.003 | VV | 20374  | 172693  | 6.08%   | 0.102% |
| 500 | 22.011 | 22.003 | 22.017 | VV | 20348  | 157280  | 5.54%   | 0.093% |
|     |        |        |        |    |        |         |         |        |
| 501 | 22.022 | 22.017 | 22.041 | VV | 20515  | 260375  | 9.17%   | 0.154% |
| 502 | 22.051 | 22.041 | 22.062 | VV | 19116  | 223096  | 7.85%   | 0.132% |
| 503 | 22.066 | 22.062 | 22.111 | VV | 17821  | 435238  | 15.32%  | 0.258% |
| 504 | 22.118 | 22.111 | 22.131 | VV | 13325  | 146139  | 5.15%   | 0.087% |
| 505 | 22.144 | 22.131 | 22.152 | VV | 12881  | 150275  | 5.29%   | 0.089% |
|     |        |        |        |    |        |         |         |        |
| 506 | 22.210 | 22.152 | 22.215 | VV | 21452  | 578515  | 20.37%  | 0.343% |
| 507 | 22.218 | 22.215 | 22.250 | VV | 20594  | 306112  | 10.78%  | 0.181% |
| 508 | 22.263 | 22.250 | 22.267 | VV | 10605  | 103279  | 3.64%   | 0.061% |

|     |        |        |        |    |                         |           |       |        |  |
|-----|--------|--------|--------|----|-------------------------|-----------|-------|--------|--|
|     |        |        |        |    | rteres                  |           |       |        |  |
| 509 | 22.273 | 22.267 | 22.285 | VV | 10950                   | 91611     | 3.23% | 0.054% |  |
| 510 | 22.300 | 22.285 | 22.340 | VV | 8851                    | 228737    | 8.05% | 0.135% |  |
| 511 | 22.351 | 22.340 | 22.368 | VV | 6564                    | 86459     | 3.04% | 0.051% |  |
| 512 | 22.373 | 22.368 | 22.389 | VV | 5153                    | 42610     | 1.50% | 0.025% |  |
|     |        |        |        |    | Sum of corrected areas: | 168854860 |       |        |  |

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