

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG111822\  
 Data File : FG011121.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Nov 2022 18:22  
 Sample : N5699-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG111422.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         | 1.606       | 1.598        | 1.614      | BV       | 964            | 7081         | 0.26%          | 0.011%        |
| 2         | 1.629       | 1.614        | 1.646      | VV       | 1328           | 20818        | 0.76%          | 0.031%        |
| 3         | 1.660       | 1.646        | 1.674      | VV       | 1103           | 16549        | 0.60%          | 0.025%        |
| 4         | 1.687       | 1.674        | 1.714      | VV       | 1596           | 28406        | 1.04%          | 0.043%        |
| 5         | 1.730       | 1.714        | 1.738      | VV       | 1093           | 14909        | 0.54%          | 0.022%        |
| 6         | 1.744       | 1.738        | 1.763      | VV       | 1135           | 14768        | 0.54%          | 0.022%        |
| 7         | 1.783       | 1.763        | 1.840      | VV       | 1146           | 40880        | 1.49%          | 0.062%        |
| 8         | 1.858       | 1.840        | 1.863      | VV       | 1146           | 13516        | 0.49%          | 0.020%        |
| 9         | 1.872       | 1.863        | 1.889      | VV       | 1286           | 16719        | 0.61%          | 0.025%        |
| 10        | 1.905       | 1.889        | 1.918      | VV       | 1241           | 19294        | 0.70%          | 0.029%        |
| 11        | 1.928       | 1.918        | 1.941      | VV       | 1088           | 14169        | 0.52%          | 0.021%        |
| 12        | 1.954       | 1.941        | 2.000      | VV       | 1021           | 32017        | 1.17%          | 0.048%        |
| 13        | 2.018       | 2.000        | 2.038      | VV       | 894            | 18161        | 0.66%          | 0.027%        |
| 14        | 2.081       | 2.038        | 2.137      | VV       | 76469          | 811225       | 29.59%         | 1.221%        |
| 15        | 2.144       | 2.137        | 2.157      | VV       | 790            | 8686         | 0.32%          | 0.013%        |
| 16        | 2.168       | 2.157        | 2.182      | VV       | 741            | 10950        | 0.40%          | 0.016%        |
| 17        | 2.187       | 2.182        | 2.202      | VV       | 754            | 8147         | 0.30%          | 0.012%        |
| 18        | 2.205       | 2.202        | 2.210      | VV       | 738            | 3495         | 0.13%          | 0.005%        |
| 19        | 2.215       | 2.210        | 2.223      | VV       | 710            | 5228         | 0.19%          | 0.008%        |
| 20        | 2.246       | 2.223        | 2.264      | VV       | 700            | 16060        | 0.59%          | 0.024%        |
| 21        | 2.280       | 2.264        | 2.313      | VV       | 784            | 20206        | 0.74%          | 0.030%        |
| 22        | 2.335       | 2.313        | 2.384      | VV       | 1214           | 37051        | 1.35%          | 0.056%        |
| 23        | 2.400       | 2.384        | 2.435      | VV       | 1053           | 26140        | 0.95%          | 0.039%        |
| 24        | 2.445       | 2.435        | 2.467      | VV       | 729            | 12474        | 0.45%          | 0.019%        |
| 25        | 2.473       | 2.467        | 2.478      | VV       | 702            | 4610         | 0.17%          | 0.007%        |
| 26        | 2.482       | 2.478        | 2.489      | VV       | 655            | 3985         | 0.15%          | 0.006%        |
| 27        | 2.497       | 2.489        | 2.515      | VV       | 660            | 9559         | 0.35%          | 0.014%        |
| 28        | 2.529       | 2.515        | 2.533      | VV       | 634            | 6417         | 0.23%          | 0.010%        |
| 29        | 2.542       | 2.533        | 2.548      | VV       | 655            | 5487         | 0.20%          | 0.008%        |
| 30        | 2.551       | 2.548        | 2.572      | VV       | 626            | 8235         | 0.30%          | 0.012%        |
| 31        | 2.575       | 2.572        | 2.606      | VV       | 588            | 11393        | 0.42%          | 0.017%        |
| 32        | 2.611       | 2.606        | 2.619      | VV       | 568            | 4307         | 0.16%          | 0.006%        |
| 33        | 2.630       | 2.619        | 2.639      | VV       | 602            | 6882         | 0.25%          | 0.010%        |
| 34        | 2.651       | 2.639        | 2.669      | VV       | 608            | 9874         | 0.36%          | 0.015%        |
| 35        | 2.677       | 2.669        | 2.688      | VV       | 591            | 6359         | 0.23%          | 0.010%        |
| 36        | 2.694       | 2.688        | 2.702      | VV       | 570            | 4349         | 0.16%          | 0.007%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 2.706 | 2.702 | 2.710 | VV | 534    | 2462  | 0.09% | 0.004% |
| 38 | 2.736 | 2.710 | 2.750 | VV | 672    | 14386 | 0.52% | 0.022% |
| 39 | 2.760 | 2.750 | 2.778 | VV | 682    | 10130 | 0.37% | 0.015% |
| 40 | 2.782 | 2.778 | 2.788 | VV | 633    | 3886  | 0.14% | 0.006% |
| 41 | 2.793 | 2.788 | 2.823 | VV | 569    | 10790 | 0.39% | 0.016% |
| 42 | 2.838 | 2.823 | 2.842 | VV | 559    | 6088  | 0.22% | 0.009% |
| 43 | 2.848 | 2.842 | 2.859 | VV | 547    | 4983  | 0.18% | 0.007% |
| 44 | 2.864 | 2.859 | 2.867 | VV | 504    | 2571  | 0.09% | 0.004% |
| 45 | 2.871 | 2.867 | 2.875 | VV | 537    | 2254  | 0.08% | 0.003% |
| 46 | 2.879 | 2.875 | 2.890 | VV | 572    | 4470  | 0.16% | 0.007% |
| 47 | 2.901 | 2.890 | 2.906 | VV | 539    | 4674  | 0.17% | 0.007% |
| 48 | 2.929 | 2.906 | 2.951 | VV | 742    | 16932 | 0.62% | 0.025% |
| 49 | 2.955 | 2.951 | 2.959 | VV | 541    | 2499  | 0.09% | 0.004% |
| 50 | 2.980 | 2.959 | 2.993 | VV | 618    | 10561 | 0.39% | 0.016% |
| 51 | 2.998 | 2.993 | 3.013 | VV | 552    | 5930  | 0.22% | 0.009% |
| 52 | 3.040 | 3.013 | 3.066 | VV | 614    | 16197 | 0.59% | 0.024% |
| 53 | 3.068 | 3.066 | 3.081 | VV | 516    | 4076  | 0.15% | 0.006% |
| 54 | 3.090 | 3.081 | 3.098 | VV | 549    | 4942  | 0.18% | 0.007% |
| 55 | 3.101 | 3.098 | 3.123 | VV | 558    | 7011  | 0.26% | 0.011% |
| 56 | 3.132 | 3.123 | 3.140 | VV | 490    | 4818  | 0.18% | 0.007% |
| 57 | 3.144 | 3.140 | 3.150 | VV | 453    | 2539  | 0.09% | 0.004% |
| 58 | 3.156 | 3.150 | 3.163 | VV | 462    | 3254  | 0.12% | 0.005% |
| 59 | 3.171 | 3.163 | 3.192 | VV | 483    | 7342  | 0.27% | 0.011% |
| 60 | 3.199 | 3.192 | 3.218 | VV | 447    | 6507  | 0.24% | 0.010% |
| 61 | 3.236 | 3.218 | 3.249 | VV | 655    | 10242 | 0.37% | 0.015% |
| 62 | 3.257 | 3.249 | 3.302 | VV | 642    | 16973 | 0.62% | 0.026% |
| 63 | 3.316 | 3.302 | 3.325 | VV | 530    | 6237  | 0.23% | 0.009% |
| 64 | 3.333 | 3.325 | 3.337 | VV | 482    | 3049  | 0.11% | 0.005% |
| 65 | 3.345 | 3.337 | 3.364 | VV | 497    | 7389  | 0.27% | 0.011% |
| 66 | 3.372 | 3.364 | 3.394 | VV | 484    | 7729  | 0.28% | 0.012% |
| 67 | 3.407 | 3.394 | 3.411 | VV | 421    | 4175  | 0.15% | 0.006% |
| 68 | 3.416 | 3.411 | 3.440 | VV | 444    | 7007  | 0.26% | 0.011% |
| 69 | 3.452 | 3.440 | 3.459 | VV | 412    | 4362  | 0.16% | 0.007% |
| 70 | 3.464 | 3.459 | 3.471 | VV | 408    | 2732  | 0.10% | 0.004% |
| 71 | 3.489 | 3.471 | 3.525 | VV | 786    | 19818 | 0.72% | 0.030% |
| 72 | 3.528 | 3.525 | 3.558 | VV | 639    | 10450 | 0.38% | 0.016% |
| 73 | 3.567 | 3.558 | 3.574 | VV | 493    | 4171  | 0.15% | 0.006% |
| 74 | 3.579 | 3.574 | 3.592 | VV | 452    | 4820  | 0.18% | 0.007% |
| 75 | 3.596 | 3.592 | 3.608 | VV | 471    | 4168  | 0.15% | 0.006% |
| 76 | 3.624 | 3.608 | 3.629 | VV | 420    | 4756  | 0.17% | 0.007% |
| 77 | 3.658 | 3.629 | 3.671 | VV | 437    | 9379  | 0.34% | 0.014% |
| 78 | 3.696 | 3.671 | 3.714 | VV | 608    | 12413 | 0.45% | 0.019% |
| 79 | 3.718 | 3.714 | 3.741 | VV | 485    | 6529  | 0.24% | 0.010% |
| 80 | 3.745 | 3.741 | 3.756 | VV | 448    | 3491  | 0.13% | 0.005% |
| 81 | 3.764 | 3.756 | 3.769 | VV | 410    | 3168  | 0.12% | 0.005% |
| 82 | 3.775 | 3.769 | 3.787 | VV | 433    | 4053  | 0.15% | 0.006% |
| 83 | 3.804 | 3.787 | 3.828 | VV | 725    | 13984 | 0.51% | 0.021% |
| 84 | 3.832 | 3.828 | 3.841 | VV | 542    | 3863  | 0.14% | 0.006% |
| 85 | 3.845 | 3.841 | 3.849 | VV | 524    | 2398  | 0.09% | 0.004% |
| 86 | 3.854 | 3.849 | 3.874 | VV | 520    | 6647  | 0.24% | 0.010% |
| 87 | 3.879 | 3.874 | 3.899 | VV | 435    | 5570  | 0.20% | 0.008% |
| 88 | 3.911 | 3.899 | 3.918 | VV | 409    | 4179  | 0.15% | 0.006% |
| 89 | 3.933 | 3.918 | 3.942 | VV | 523    | 6615  | 0.24% | 0.010% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 3.946 | 3.942 | 3.971 | VV | 435    | 6354    | 0.23%  | 0.010% |
| 91  | 3.979 | 3.971 | 3.995 | VV | 377    | 4805    | 0.18%  | 0.007% |
| 92  | 4.010 | 3.995 | 4.014 | VV | 384    | 3820    | 0.14%  | 0.006% |
| 93  | 4.027 | 4.014 | 4.038 | VV | 426    | 5121    | 0.19%  | 0.008% |
| 94  | 4.042 | 4.038 | 4.046 | VV | 332    | 1555    | 0.06%  | 0.002% |
| 95  | 4.062 | 4.046 | 4.102 | VV | 414    | 11057   | 0.40%  | 0.017% |
| 96  | 4.121 | 4.102 | 4.143 | VV | 2279   | 25886   | 0.94%  | 0.039% |
| 97  | 4.163 | 4.143 | 4.212 | VV | 1397   | 26976   | 0.98%  | 0.041% |
| 98  | 4.216 | 4.212 | 4.231 | VV | 341    | 3690    | 0.13%  | 0.006% |
| 99  | 4.234 | 4.231 | 4.240 | VV | 339    | 1773    | 0.06%  | 0.003% |
| 100 | 4.270 | 4.240 | 4.289 | VV | 1124   | 18437   | 0.67%  | 0.028% |
| 101 | 4.293 | 4.289 | 4.306 | VV | 443    | 3844    | 0.14%  | 0.006% |
| 102 | 4.319 | 4.306 | 4.335 | VV | 489    | 6986    | 0.25%  | 0.011% |
| 103 | 4.339 | 4.335 | 4.348 | VV | 374    | 2650    | 0.10%  | 0.004% |
| 104 | 4.353 | 4.348 | 4.358 | VV | 356    | 2064    | 0.08%  | 0.003% |
| 105 | 4.374 | 4.358 | 4.379 | VV | 409    | 4550    | 0.17%  | 0.007% |
| 106 | 4.384 | 4.379 | 4.399 | VV | 476    | 4676    | 0.17%  | 0.007% |
| 107 | 4.404 | 4.399 | 4.412 | VV | 359    | 2410    | 0.09%  | 0.004% |
| 108 | 4.418 | 4.412 | 4.430 | VV | 293    | 3106    | 0.11%  | 0.005% |
| 109 | 4.437 | 4.430 | 4.446 | VV | 284    | 2280    | 0.08%  | 0.003% |
| 110 | 4.458 | 4.446 | 4.494 | VV | 379    | 7761    | 0.28%  | 0.012% |
| 111 | 4.499 | 4.494 | 4.505 | VV | 265    | 1340    | 0.05%  | 0.002% |
| 112 | 4.536 | 4.505 | 4.543 | VV | 252    | 5098    | 0.19%  | 0.008% |
| 113 | 4.556 | 4.543 | 4.563 | VV | 317    | 3315    | 0.12%  | 0.005% |
| 114 | 4.595 | 4.563 | 4.627 | VV | 116478 | 1188017 | 43.33% | 1.788% |
| 115 | 4.639 | 4.627 | 4.672 | VV | 581    | 9736    | 0.36%  | 0.015% |
| 116 | 4.680 | 4.672 | 4.696 | VV | 300    | 3282    | 0.12%  | 0.005% |
| 117 | 4.701 | 4.696 | 4.705 | VV | 215    | 1095    | 0.04%  | 0.002% |
| 118 | 4.723 | 4.705 | 4.739 | VV | 272    | 4732    | 0.17%  | 0.007% |
| 119 | 4.771 | 4.739 | 4.793 | VV | 1215   | 17719   | 0.65%  | 0.027% |
| 120 | 4.798 | 4.793 | 4.802 | VV | 392    | 2170    | 0.08%  | 0.003% |
| 121 | 4.825 | 4.802 | 4.842 | VV | 516    | 10302   | 0.38%  | 0.016% |
| 122 | 4.847 | 4.842 | 4.871 | VV | 370    | 5038    | 0.18%  | 0.008% |
| 123 | 4.876 | 4.871 | 4.891 | VV | 317    | 3134    | 0.11%  | 0.005% |
| 124 | 4.913 | 4.891 | 4.942 | VV | 263    | 6530    | 0.24%  | 0.010% |
| 125 | 4.967 | 4.942 | 5.000 | VV | 665    | 11717   | 0.43%  | 0.018% |
| 126 | 5.010 | 5.000 | 5.030 | VV | 283    | 4187    | 0.15%  | 0.006% |
| 127 | 5.036 | 5.030 | 5.042 | VV | 199    | 1253    | 0.05%  | 0.002% |
| 128 | 5.063 | 5.042 | 5.079 | VV | 353    | 5683    | 0.21%  | 0.009% |
| 129 | 5.105 | 5.079 | 5.130 | VV | 274    | 6400    | 0.23%  | 0.010% |
| 130 | 5.143 | 5.130 | 5.164 | VV | 242    | 3469    | 0.13%  | 0.005% |
| 131 | 5.170 | 5.164 | 5.174 | VV | 156    | 650     | 0.02%  | 0.001% |
| 132 | 5.181 | 5.174 | 5.188 | VV | 182    | 1243    | 0.05%  | 0.002% |
| 133 | 5.210 | 5.188 | 5.226 | VV | 252    | 4402    | 0.16%  | 0.007% |
| 134 | 5.240 | 5.226 | 5.253 | VV | 337    | 4037    | 0.15%  | 0.006% |
| 135 | 5.257 | 5.253 | 5.268 | VV | 332    | 2681    | 0.10%  | 0.004% |
| 136 | 5.279 | 5.268 | 5.304 | VV | 361    | 5432    | 0.20%  | 0.008% |
| 137 | 5.311 | 5.304 | 5.334 | VV | 251    | 2961    | 0.11%  | 0.004% |
| 138 | 5.352 | 5.334 | 5.367 | VV | 216    | 2973    | 0.11%  | 0.004% |
| 139 | 5.384 | 5.367 | 5.396 | VV | 213    | 2941    | 0.11%  | 0.004% |
| 140 | 5.424 | 5.396 | 5.464 | VV | 642    | 12512   | 0.46%  | 0.019% |
| 141 | 5.479 | 5.464 | 5.485 | VV | 182    | 1591    | 0.06%  | 0.002% |

|     |       |       |       |    | rteres |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 142 | 5.488 | 5.485 | 5.497 | VV | 149    | 960     | 0.04%  | 0.001% |
| 143 | 5.508 | 5.497 | 5.515 | VV | 283    | 1699    | 0.06%  | 0.003% |
| 144 | 5.542 | 5.515 | 5.573 | VV | 1253   | 15047   | 0.55%  | 0.023% |
| 145 | 5.594 | 5.573 | 5.601 | VV | 252    | 3335    | 0.12%  | 0.005% |
| 146 | 5.612 | 5.601 | 5.630 | VV | 346    | 3936    | 0.14%  | 0.006% |
| 147 | 5.634 | 5.630 | 5.655 | VV | 143    | 1551    | 0.06%  | 0.002% |
| 148 | 5.659 | 5.655 | 5.665 | VV | 124    | 582     | 0.02%  | 0.001% |
| 149 | 5.675 | 5.665 | 5.682 | VV | 161    | 1067    | 0.04%  | 0.002% |
| 150 | 5.689 | 5.682 | 5.712 | VV | 158    | 1760    | 0.06%  | 0.003% |
| 151 | 5.733 | 5.712 | 5.754 | VV | 776    | 9319    | 0.34%  | 0.014% |
| 152 | 5.763 | 5.754 | 5.767 | VV | 181    | 1191    | 0.04%  | 0.002% |
| 153 | 5.792 | 5.767 | 5.822 | VV | 1063   | 15738   | 0.57%  | 0.024% |
| 154 | 5.842 | 5.822 | 5.893 | VV | 2173   | 28766   | 1.05%  | 0.043% |
| 155 | 5.903 | 5.893 | 5.910 | VV | 160    | 1403    | 0.05%  | 0.002% |
| 156 | 5.919 | 5.910 | 5.927 | VV | 226    | 1683    | 0.06%  | 0.003% |
| 157 | 5.930 | 5.927 | 5.942 | VV | 188    | 1434    | 0.05%  | 0.002% |
| 158 | 5.945 | 5.942 | 5.951 | VV | 161    | 619     | 0.02%  | 0.001% |
| 159 | 5.983 | 5.951 | 6.019 | VV | 551    | 12927   | 0.47%  | 0.019% |
| 160 | 6.025 | 6.019 | 6.043 | VV | 286    | 2820    | 0.10%  | 0.004% |
| 161 | 6.046 | 6.043 | 6.060 | VV | 198    | 1665    | 0.06%  | 0.003% |
| 162 | 6.064 | 6.060 | 6.083 | VV | 179    | 2017    | 0.07%  | 0.003% |
| 163 | 6.096 | 6.083 | 6.136 | VV | 401    | 6629    | 0.24%  | 0.010% |
| 164 | 6.146 | 6.136 | 6.172 | VV | 201    | 2536    | 0.09%  | 0.004% |
| 165 | 6.191 | 6.172 | 6.201 | VV | 177    | 2188    | 0.08%  | 0.003% |
| 166 | 6.212 | 6.201 | 6.232 | VV | 249    | 2394    | 0.09%  | 0.004% |
| 167 | 6.237 | 6.232 | 6.246 | VV | 97     | 672     | 0.02%  | 0.001% |
| 168 | 6.254 | 6.246 | 6.258 | VV | 134    | 802     | 0.03%  | 0.001% |
| 169 | 6.269 | 6.258 | 6.281 | VV | 272    | 2909    | 0.11%  | 0.004% |
| 170 | 6.300 | 6.281 | 6.335 | VV | 1805   | 24613   | 0.90%  | 0.037% |
| 171 | 6.339 | 6.335 | 6.348 | VV | 256    | 1661    | 0.06%  | 0.002% |
| 172 | 6.352 | 6.348 | 6.359 | VV | 215    | 1228    | 0.04%  | 0.002% |
| 173 | 6.368 | 6.359 | 6.373 | VV | 186    | 1292    | 0.05%  | 0.002% |
| 174 | 6.391 | 6.373 | 6.432 | VV | 997    | 13900   | 0.51%  | 0.021% |
| 175 | 6.437 | 6.432 | 6.448 | VV | 196    | 1253    | 0.05%  | 0.002% |
| 176 | 6.458 | 6.448 | 6.464 | VV | 373    | 2776    | 0.10%  | 0.004% |
| 177 | 6.481 | 6.464 | 6.526 | VV | 772    | 13070   | 0.48%  | 0.020% |
| 178 | 6.532 | 6.526 | 6.537 | VV | 186    | 1016    | 0.04%  | 0.002% |
| 179 | 6.540 | 6.537 | 6.550 | VV | 185    | 1390    | 0.05%  | 0.002% |
| 180 | 6.570 | 6.550 | 6.583 | VV | 334    | 4754    | 0.17%  | 0.007% |
| 181 | 6.603 | 6.583 | 6.619 | VV | 1027   | 13852   | 0.51%  | 0.021% |
| 182 | 6.627 | 6.619 | 6.649 | VV | 629    | 7153    | 0.26%  | 0.011% |
| 183 | 6.654 | 6.649 | 6.674 | VV | 260    | 2739    | 0.10%  | 0.004% |
| 184 | 6.678 | 6.674 | 6.688 | VV | 110    | 803     | 0.03%  | 0.001% |
| 185 | 6.692 | 6.688 | 6.714 | VV | 124    | 1239    | 0.05%  | 0.002% |
| 186 | 6.765 | 6.714 | 6.820 | VV | 171880 | 1714991 | 62.55% | 2.581% |
| 187 | 6.827 | 6.820 | 6.833 | VV | 145    | 680     | 0.02%  | 0.001% |
| 188 | 6.836 | 6.833 | 6.841 | VV | 107    | 471     | 0.02%  | 0.001% |
| 189 | 6.850 | 6.841 | 6.858 | VV | 153    | 1197    | 0.04%  | 0.002% |
| 190 | 6.885 | 6.858 | 6.906 | VV | 318    | 5706    | 0.21%  | 0.009% |
| 191 | 6.928 | 6.906 | 6.949 | VV | 491    | 6533    | 0.24%  | 0.010% |
| 192 | 6.965 | 6.949 | 6.973 | VV | 120    | 973     | 0.04%  | 0.001% |
| 193 | 6.994 | 6.973 | 7.017 | VV | 233    | 3376    | 0.12%  | 0.005% |
| 194 | 7.028 | 7.017 | 7.037 | VV | 212    | 1645    | 0.06%  | 0.002% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 195 | 7.052 | 7.037 | 7.076 | VV | 305    | 3902    | 0.14%  | 0.006% |
| 196 | 7.080 | 7.076 | 7.083 | VV | 151    | 496     | 0.02%  | 0.001% |
| 197 | 7.092 | 7.083 | 7.105 | VV | 168    | 1670    | 0.06%  | 0.003% |
| 198 | 7.112 | 7.105 | 7.126 | VV | 114    | 861     | 0.03%  | 0.001% |
| 199 | 7.130 | 7.126 | 7.138 | VV | 59     | 356     | 0.01%  | 0.001% |
| 200 | 7.142 | 7.138 | 7.158 | VV | 100    | 674     | 0.02%  | 0.001% |
| 201 | 7.167 | 7.158 | 7.191 | VV | 135    | 1402    | 0.05%  | 0.002% |
| 202 | 7.221 | 7.191 | 7.228 | PV | 663    | 6207    | 0.23%  | 0.009% |
| 203 | 7.236 | 7.228 | 7.256 | VV | 807    | 9377    | 0.34%  | 0.014% |
| 204 | 7.263 | 7.256 | 7.283 | VV | 436    | 5027    | 0.18%  | 0.008% |
| 205 | 7.297 | 7.283 | 7.329 | VV | 383    | 6347    | 0.23%  | 0.010% |
| 206 | 7.343 | 7.329 | 7.368 | VV | 238    | 3865    | 0.14%  | 0.006% |
| 207 | 7.398 | 7.368 | 7.421 | VV | 853    | 10781   | 0.39%  | 0.016% |
| 208 | 7.440 | 7.421 | 7.471 | VV | 2032   | 22705   | 0.83%  | 0.034% |
| 209 | 7.488 | 7.471 | 7.508 | VV | 294    | 4148    | 0.15%  | 0.006% |
| 210 | 7.536 | 7.508 | 7.567 | VV | 862    | 10619   | 0.39%  | 0.016% |
| 211 | 7.581 | 7.567 | 7.609 | VV | 231    | 3030    | 0.11%  | 0.005% |
| 212 | 7.617 | 7.609 | 7.628 | VV | 137    | 841     | 0.03%  | 0.001% |
| 213 | 7.631 | 7.628 | 7.643 | VV | 78     | 371     | 0.01%  | 0.001% |
| 214 | 7.648 | 7.643 | 7.655 | PV | 71     | 290     | 0.01%  | 0.000% |
| 215 | 7.658 | 7.655 | 7.662 | VV | 49     | 178     | 0.01%  | 0.000% |
| 216 | 7.678 | 7.662 | 7.687 | VV | 103    | 1002    | 0.04%  | 0.002% |
| 217 | 7.712 | 7.687 | 7.752 | VV | 1174   | 14068   | 0.51%  | 0.021% |
| 218 | 7.782 | 7.752 | 7.811 | VV | 316    | 5418    | 0.20%  | 0.008% |
| 219 | 7.829 | 7.811 | 7.844 | VV | 215    | 3144    | 0.11%  | 0.005% |
| 220 | 7.850 | 7.844 | 7.865 | VV | 207    | 2053    | 0.07%  | 0.003% |
| 221 | 7.886 | 7.865 | 7.919 | VV | 190    | 3651    | 0.13%  | 0.005% |
| 222 | 7.937 | 7.919 | 7.950 | PV | 240    | 2432    | 0.09%  | 0.004% |
| 223 | 7.966 | 7.950 | 7.977 | VV | 140    | 1410    | 0.05%  | 0.002% |
| 224 | 8.012 | 7.977 | 8.041 | VV | 1504   | 20599   | 0.75%  | 0.031% |
| 225 | 8.049 | 8.041 | 8.072 | VV | 229    | 3038    | 0.11%  | 0.005% |
| 226 | 8.077 | 8.072 | 8.104 | VV | 127    | 1226    | 0.04%  | 0.002% |
| 227 | 8.138 | 8.104 | 8.158 | PV | 702    | 10470   | 0.38%  | 0.016% |
| 228 | 8.173 | 8.158 | 8.189 | VV | 632    | 7900    | 0.29%  | 0.012% |
| 229 | 8.200 | 8.189 | 8.227 | VV | 366    | 4857    | 0.18%  | 0.007% |
| 230 | 8.241 | 8.227 | 8.268 | VV | 327    | 3635    | 0.13%  | 0.005% |
| 231 | 8.289 | 8.268 | 8.307 | VV | 769    | 9399    | 0.34%  | 0.014% |
| 232 | 8.315 | 8.307 | 8.331 | VV | 373    | 4053    | 0.15%  | 0.006% |
| 233 | 8.344 | 8.331 | 8.362 | VV | 646    | 6727    | 0.25%  | 0.010% |
| 234 | 8.377 | 8.362 | 8.381 | VV | 158    | 1235    | 0.05%  | 0.002% |
| 235 | 8.414 | 8.381 | 8.453 | VV | 797    | 12980   | 0.47%  | 0.020% |
| 236 | 8.488 | 8.453 | 8.502 | VV | 552    | 8388    | 0.31%  | 0.013% |
| 237 | 8.514 | 8.502 | 8.531 | VV | 808    | 9764    | 0.36%  | 0.015% |
| 238 | 8.596 | 8.531 | 8.628 | VV | 202005 | 2176975 | 79.41% | 3.276% |
| 239 | 8.645 | 8.628 | 8.654 | VV | 261    | 2965    | 0.11%  | 0.004% |
| 240 | 8.702 | 8.654 | 8.731 | VV | 1806   | 30199   | 1.10%  | 0.045% |
| 241 | 8.743 | 8.731 | 8.768 | VV | 339    | 4586    | 0.17%  | 0.007% |
| 242 | 8.771 | 8.768 | 8.779 | VV | 126    | 704     | 0.03%  | 0.001% |
| 243 | 8.793 | 8.779 | 8.812 | VV | 305    | 3513    | 0.13%  | 0.005% |
| 244 | 8.827 | 8.812 | 8.853 | PV | 437    | 5190    | 0.19%  | 0.008% |
| 245 | 8.884 | 8.853 | 8.908 | VV | 288    | 5093    | 0.19%  | 0.008% |
| 246 | 8.931 | 8.908 | 8.935 | VV | 134    | 1577    | 0.06%  | 0.002% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 8.957  | 8.935  | 8.977  | VV | 771    | 11047   | 0.40%  | 0.017% |
| 248 | 8.999  | 8.977  | 9.023  | VV | 5148   | 64157   | 2.34%  | 0.097% |
| 249 | 9.031  | 9.023  | 9.055  | VV | 925    | 14175   | 0.52%  | 0.021% |
| 250 | 9.069  | 9.055  | 9.108  | VV | 908    | 16059   | 0.59%  | 0.024% |
|     |        |        |        |    |        |         |        |        |
| 251 | 9.137  | 9.108  | 9.159  | VV | 952    | 15174   | 0.55%  | 0.023% |
| 252 | 9.163  | 9.159  | 9.178  | VV | 221    | 1674    | 0.06%  | 0.003% |
| 253 | 9.201  | 9.178  | 9.235  | VV | 2339   | 29625   | 1.08%  | 0.045% |
| 254 | 9.247  | 9.235  | 9.258  | VV | 496    | 5293    | 0.19%  | 0.008% |
| 255 | 9.275  | 9.258  | 9.302  | VV | 2055   | 22456   | 0.82%  | 0.034% |
|     |        |        |        |    |        |         |        |        |
| 256 | 9.334  | 9.302  | 9.382  | VV | 657    | 16396   | 0.60%  | 0.025% |
| 257 | 9.390  | 9.382  | 9.397  | VV | 67     | 460     | 0.02%  | 0.001% |
| 258 | 9.423  | 9.397  | 9.447  | PV | 2411   | 31760   | 1.16%  | 0.048% |
| 259 | 9.457  | 9.447  | 9.472  | VV | 663    | 8459    | 0.31%  | 0.013% |
| 260 | 9.477  | 9.472  | 9.504  | VV | 574    | 7182    | 0.26%  | 0.011% |
|     |        |        |        |    |        |         |        |        |
| 261 | 9.527  | 9.504  | 9.547  | VV | 243    | 4239    | 0.15%  | 0.006% |
| 262 | 9.571  | 9.547  | 9.588  | VV | 465    | 4792    | 0.17%  | 0.007% |
| 263 | 9.606  | 9.588  | 9.615  | PV | 306    | 2982    | 0.11%  | 0.004% |
| 264 | 9.618  | 9.615  | 9.638  | VV | 202    | 1784    | 0.07%  | 0.003% |
| 265 | 9.658  | 9.638  | 9.677  | VV | 255    | 2835    | 0.10%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 266 | 9.684  | 9.677  | 9.695  | VV | 175    | 1465    | 0.05%  | 0.002% |
| 267 | 9.708  | 9.695  | 9.723  | VV | 400    | 4154    | 0.15%  | 0.006% |
| 268 | 9.745  | 9.723  | 9.771  | VV | 3295   | 37551   | 1.37%  | 0.057% |
| 269 | 9.790  | 9.771  | 9.829  | VV | 3248   | 43048   | 1.57%  | 0.065% |
| 270 | 9.848  | 9.829  | 9.858  | VV | 522    | 6028    | 0.22%  | 0.009% |
|     |        |        |        |    |        |         |        |        |
| 271 | 9.871  | 9.858  | 9.907  | VV | 581    | 11623   | 0.42%  | 0.017% |
| 272 | 9.942  | 9.907  | 9.963  | VV | 1109   | 18762   | 0.68%  | 0.028% |
| 273 | 9.987  | 9.963  | 10.016 | VV | 3004   | 37749   | 1.38%  | 0.057% |
| 274 | 10.073 | 10.016 | 10.100 | VV | 72474  | 770649  | 28.11% | 1.160% |
| 275 | 10.117 | 10.100 | 10.135 | VV | 1361   | 23436   | 0.85%  | 0.035% |
|     |        |        |        |    |        |         |        |        |
| 276 | 10.141 | 10.135 | 10.162 | VV | 1131   | 11776   | 0.43%  | 0.018% |
| 277 | 10.172 | 10.162 | 10.178 | VV | 350    | 2921    | 0.11%  | 0.004% |
| 278 | 10.208 | 10.178 | 10.263 | VV | 213341 | 2368900 | 86.41% | 3.565% |
| 279 | 10.282 | 10.263 | 10.295 | VV | 416    | 5600    | 0.20%  | 0.008% |
| 280 | 10.310 | 10.295 | 10.335 | VV | 386    | 5974    | 0.22%  | 0.009% |
|     |        |        |        |    |        |         |        |        |
| 281 | 10.346 | 10.335 | 10.353 | VV | 158    | 1190    | 0.04%  | 0.002% |
| 282 | 10.359 | 10.353 | 10.362 | VV | 162    | 701     | 0.03%  | 0.001% |
| 283 | 10.379 | 10.362 | 10.405 | VV | 254    | 4291    | 0.16%  | 0.006% |
| 284 | 10.409 | 10.405 | 10.428 | VV | 144    | 1079    | 0.04%  | 0.002% |
| 285 | 10.438 | 10.428 | 10.442 | VV | 115    | 585     | 0.02%  | 0.001% |
|     |        |        |        |    |        |         |        |        |
| 286 | 10.447 | 10.442 | 10.465 | VV | 92     | 897     | 0.03%  | 0.001% |
| 287 | 10.486 | 10.465 | 10.491 | PV | 185    | 1646    | 0.06%  | 0.002% |
| 288 | 10.507 | 10.491 | 10.521 | VV | 185    | 2302    | 0.08%  | 0.003% |
| 289 | 10.548 | 10.521 | 10.577 | VV | 6466   | 71384   | 2.60%  | 0.107% |
| 290 | 10.596 | 10.577 | 10.618 | VV | 716    | 10779   | 0.39%  | 0.016% |
|     |        |        |        |    |        |         |        |        |
| 291 | 10.650 | 10.618 | 10.666 | VV | 998    | 16193   | 0.59%  | 0.024% |
| 292 | 10.680 | 10.666 | 10.705 | VV | 863    | 12290   | 0.45%  | 0.018% |
| 293 | 10.731 | 10.705 | 10.742 | VV | 621    | 10709   | 0.39%  | 0.016% |
| 294 | 10.753 | 10.742 | 10.778 | VV | 682    | 9150    | 0.33%  | 0.014% |
| 295 | 10.794 | 10.778 | 10.803 | VV | 632    | 6654    | 0.24%  | 0.010% |
|     |        |        |        |    |        |         |        |        |
| 296 | 10.810 | 10.803 | 10.818 | VV | 505    | 3772    | 0.14%  | 0.006% |
| 297 | 10.845 | 10.818 | 10.868 | VV | 2809   | 36179   | 1.32%  | 0.054% |
| 298 | 10.875 | 10.868 | 10.886 | VV | 363    | 3458    | 0.13%  | 0.005% |
| 299 | 10.900 | 10.886 | 10.916 | VV | 643    | 8235    | 0.30%  | 0.012% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 10.947 | 10.916 | 10.981 | VV | 1621   | 33484   | 1.22%  | 0.050% |
| 301 | 11.002 | 10.981 | 11.045 | VV | 2068   | 42198   | 1.54%  | 0.064% |
| 302 | 11.049 | 11.045 | 11.060 | VV | 428    | 3267    | 0.12%  | 0.005% |
| 303 | 11.076 | 11.060 | 11.080 | VV | 425    | 4610    | 0.17%  | 0.007% |
| 304 | 11.120 | 11.080 | 11.146 | VV | 1013   | 22374   | 0.82%  | 0.034% |
| 305 | 11.167 | 11.146 | 11.175 | VV | 626    | 7094    | 0.26%  | 0.011% |
| 306 | 11.199 | 11.175 | 11.248 | VV | 41572  | 466060  | 17.00% | 0.701% |
| 307 | 11.273 | 11.248 | 11.297 | VV | 8454   | 93562   | 3.41%  | 0.141% |
| 308 | 11.300 | 11.297 | 11.314 | VV | 598    | 4669    | 0.17%  | 0.007% |
| 309 | 11.325 | 11.314 | 11.335 | VV | 557    | 5442    | 0.20%  | 0.008% |
| 310 | 11.349 | 11.335 | 11.368 | VV | 727    | 9802    | 0.36%  | 0.015% |
| 311 | 11.382 | 11.368 | 11.393 | VV | 376    | 4231    | 0.15%  | 0.006% |
| 312 | 11.403 | 11.393 | 11.422 | VV | 298    | 3282    | 0.12%  | 0.005% |
| 313 | 11.457 | 11.422 | 11.471 | VV | 1984   | 28396   | 1.04%  | 0.043% |
| 314 | 11.486 | 11.471 | 11.533 | VV | 4424   | 54545   | 1.99%  | 0.082% |
| 315 | 11.563 | 11.533 | 11.569 | PV | 285    | 4607    | 0.17%  | 0.007% |
| 316 | 11.588 | 11.569 | 11.616 | VV | 919    | 15502   | 0.57%  | 0.023% |
| 317 | 11.656 | 11.616 | 11.695 | VV | 209380 | 2443927 | 89.14% | 3.678% |
| 318 | 11.740 | 11.695 | 11.776 | VV | 1757   | 43799   | 1.60%  | 0.066% |
| 319 | 11.807 | 11.776 | 11.831 | VV | 695    | 11397   | 0.42%  | 0.017% |
| 320 | 11.852 | 11.831 | 11.873 | PV | 759    | 9291    | 0.34%  | 0.014% |
| 321 | 11.908 | 11.873 | 11.940 | VV | 1880   | 29793   | 1.09%  | 0.045% |
| 322 | 11.961 | 11.940 | 11.982 | VV | 467    | 7241    | 0.26%  | 0.011% |
| 323 | 12.005 | 11.982 | 12.019 | VV | 3876   | 42341   | 1.54%  | 0.064% |
| 324 | 12.035 | 12.019 | 12.058 | VV | 5058   | 58453   | 2.13%  | 0.088% |
| 325 | 12.073 | 12.058 | 12.084 | VV | 873    | 10334   | 0.38%  | 0.016% |
| 326 | 12.102 | 12.084 | 12.107 | VV | 1979   | 18675   | 0.68%  | 0.028% |
| 327 | 12.120 | 12.107 | 12.135 | VV | 3837   | 42496   | 1.55%  | 0.064% |
| 328 | 12.153 | 12.135 | 12.167 | VV | 2523   | 32187   | 1.17%  | 0.048% |
| 329 | 12.184 | 12.167 | 12.212 | VV | 3570   | 43779   | 1.60%  | 0.066% |
| 330 | 12.222 | 12.212 | 12.239 | VV | 302    | 3317    | 0.12%  | 0.005% |
| 331 | 12.262 | 12.239 | 12.283 | PV | 494    | 7149    | 0.26%  | 0.011% |
| 332 | 12.324 | 12.283 | 12.341 | VV | 1348   | 26651   | 0.97%  | 0.040% |
| 333 | 12.357 | 12.341 | 12.378 | VV | 2922   | 35302   | 1.29%  | 0.053% |
| 334 | 12.417 | 12.378 | 12.450 | VV | 2275   | 42403   | 1.55%  | 0.064% |
| 335 | 12.478 | 12.450 | 12.500 | VV | 3255   | 41743   | 1.52%  | 0.063% |
| 336 | 12.508 | 12.500 | 12.525 | VV | 400    | 4429    | 0.16%  | 0.007% |
| 337 | 12.577 | 12.525 | 12.609 | VV | 112669 | 1351692 | 49.30% | 2.034% |
| 338 | 12.624 | 12.609 | 12.645 | VV | 1878   | 30943   | 1.13%  | 0.047% |
| 339 | 12.658 | 12.645 | 12.679 | VV | 898    | 14946   | 0.55%  | 0.022% |
| 340 | 12.699 | 12.679 | 12.711 | VV | 818    | 13128   | 0.48%  | 0.020% |
| 341 | 12.735 | 12.711 | 12.776 | VV | 1120   | 29786   | 1.09%  | 0.045% |
| 342 | 12.799 | 12.776 | 12.810 | VV | 1220   | 17414   | 0.64%  | 0.026% |
| 343 | 12.815 | 12.810 | 12.835 | VV | 1022   | 10822   | 0.39%  | 0.016% |
| 344 | 12.854 | 12.835 | 12.886 | VV | 2156   | 32677   | 1.19%  | 0.049% |
| 345 | 12.908 | 12.886 | 12.928 | VV | 2712   | 38173   | 1.39%  | 0.057% |
| 346 | 12.970 | 12.928 | 12.998 | VV | 202295 | 2408676 | 87.86% | 3.625% |
| 347 | 13.023 | 12.998 | 13.061 | VV | 48729  | 562768  | 20.53% | 0.847% |
| 348 | 13.063 | 13.061 | 13.068 | VV | 360    | 1353    | 0.05%  | 0.002% |
| 349 | 13.084 | 13.068 | 13.101 | VV | 763    | 9348    | 0.34%  | 0.014% |
| 350 | 13.119 | 13.101 | 13.130 | VV | 406    | 5532    | 0.20%  | 0.008% |
| 351 | 13.159 | 13.130 | 13.172 | VV | 850    | 13879   | 0.51%  | 0.021% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 352 | 13.205 | 13.172 | 13.255 | VV | 3306   | 85078   | 3.10%  | 0.128% |
| 353 | 13.263 | 13.255 | 13.279 | VV | 642    | 6906    | 0.25%  | 0.010% |
| 354 | 13.321 | 13.279 | 13.351 | VV | 39736  | 454297  | 16.57% | 0.684% |
| 355 | 13.379 | 13.351 | 13.394 | VV | 4085   | 56380   | 2.06%  | 0.085% |
| 356 | 13.410 | 13.394 | 13.438 | VV | 3897   | 49493   | 1.81%  | 0.074% |
| 357 | 13.442 | 13.438 | 13.449 | VV | 359    | 2214    | 0.08%  | 0.003% |
| 358 | 13.468 | 13.449 | 13.477 | VV | 613    | 8507    | 0.31%  | 0.013% |
| 359 | 13.496 | 13.477 | 13.504 | VV | 1613   | 17927   | 0.65%  | 0.027% |
| 360 | 13.519 | 13.504 | 13.554 | VV | 2257   | 35531   | 1.30%  | 0.053% |
| 361 | 13.592 | 13.554 | 13.621 | VV | 13420  | 192086  | 7.01%  | 0.289% |
| 362 | 13.645 | 13.621 | 13.704 | VV | 8173   | 175158  | 6.39%  | 0.264% |
| 363 | 13.723 | 13.704 | 13.740 | VV | 2063   | 32139   | 1.17%  | 0.048% |
| 364 | 13.753 | 13.740 | 13.758 | VV | 1250   | 11977   | 0.44%  | 0.018% |
| 365 | 13.809 | 13.758 | 13.853 | VV | 51928  | 703986  | 25.68% | 1.059% |
| 366 | 13.866 | 13.853 | 13.871 | VV | 1503   | 15791   | 0.58%  | 0.024% |
| 367 | 13.913 | 13.871 | 13.948 | VV | 5710   | 125368  | 4.57%  | 0.189% |
| 368 | 13.980 | 13.948 | 13.999 | VV | 1487   | 35636   | 1.30%  | 0.054% |
| 369 | 14.019 | 13.999 | 14.041 | VV | 3388   | 58543   | 2.14%  | 0.088% |
| 370 | 14.058 | 14.041 | 14.079 | VV | 3662   | 53974   | 1.97%  | 0.081% |
| 371 | 14.124 | 14.079 | 14.137 | VV | 2135   | 61101   | 2.23%  | 0.092% |
| 372 | 14.172 | 14.137 | 14.211 | VV | 198752 | 2454169 | 89.52% | 3.693% |
| 373 | 14.230 | 14.211 | 14.251 | VV | 3517   | 56530   | 2.06%  | 0.085% |
| 374 | 14.258 | 14.251 | 14.268 | VV | 1305   | 12439   | 0.45%  | 0.019% |
| 375 | 14.298 | 14.268 | 14.331 | VV | 2033   | 59732   | 2.18%  | 0.090% |
| 376 | 14.339 | 14.331 | 14.345 | VV | 1499   | 12431   | 0.45%  | 0.019% |
| 377 | 14.392 | 14.345 | 14.427 | VV | 2191   | 82404   | 3.01%  | 0.124% |
| 378 | 14.437 | 14.427 | 14.454 | VV | 1677   | 24601   | 0.90%  | 0.037% |
| 379 | 14.463 | 14.454 | 14.474 | VV | 1434   | 16388   | 0.60%  | 0.025% |
| 380 | 14.484 | 14.474 | 14.491 | VV | 1333   | 13467   | 0.49%  | 0.020% |
| 381 | 14.502 | 14.491 | 14.509 | VV | 1511   | 14516   | 0.53%  | 0.022% |
| 382 | 14.534 | 14.509 | 14.543 | VV | 1800   | 32609   | 1.19%  | 0.049% |
| 383 | 14.564 | 14.543 | 14.591 | VV | 3710   | 77675   | 2.83%  | 0.117% |
| 384 | 14.601 | 14.591 | 14.623 | VV | 2671   | 48730   | 1.78%  | 0.073% |
| 385 | 14.644 | 14.623 | 14.669 | VV | 5807   | 97965   | 3.57%  | 0.147% |
| 386 | 14.691 | 14.669 | 14.708 | VV | 2024   | 42843   | 1.56%  | 0.064% |
| 387 | 14.735 | 14.708 | 14.776 | VV | 4785   | 128836  | 4.70%  | 0.194% |
| 388 | 14.829 | 14.776 | 14.871 | VV | 5379   | 188334  | 6.87%  | 0.283% |
| 389 | 14.892 | 14.871 | 14.916 | VV | 7178   | 112681  | 4.11%  | 0.170% |
| 390 | 14.949 | 14.916 | 14.981 | VV | 8679   | 174904  | 6.38%  | 0.263% |
| 391 | 14.996 | 14.981 | 15.004 | VV | 2549   | 33166   | 1.21%  | 0.050% |
| 392 | 15.013 | 15.004 | 15.019 | VV | 2553   | 22290   | 0.81%  | 0.034% |
| 393 | 15.025 | 15.019 | 15.030 | VV | 2597   | 15573   | 0.57%  | 0.023% |
| 394 | 15.075 | 15.030 | 15.111 | VV | 152159 | 2141830 | 78.12% | 3.223% |
| 395 | 15.126 | 15.111 | 15.139 | VV | 2830   | 44843   | 1.64%  | 0.067% |
| 396 | 15.156 | 15.139 | 15.176 | VV | 3623   | 64700   | 2.36%  | 0.097% |
| 397 | 15.202 | 15.176 | 15.223 | VV | 24029  | 322294  | 11.76% | 0.485% |
| 398 | 15.245 | 15.223 | 15.255 | VV | 22708  | 263882  | 9.63%  | 0.397% |
| 399 | 15.278 | 15.255 | 15.315 | VV | 182225 | 2454418 | 89.53% | 3.694% |
| 400 | 15.324 | 15.315 | 15.336 | VV | 2837   | 34060   | 1.24%  | 0.051% |
| 401 | 15.367 | 15.336 | 15.396 | VV | 5194   | 122159  | 4.46%  | 0.184% |
| 402 | 15.420 | 15.396 | 15.424 | VV | 2584   | 43002   | 1.57%  | 0.065% |
| 403 | 15.443 | 15.424 | 15.476 | VV | 3406   | 87298   | 3.18%  | 0.131% |
| 404 | 15.505 | 15.476 | 15.522 | VV | 4019   | 85535   | 3.12%  | 0.129% |



|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 405 | 15.546 | 15.522 | 15.578 | VV | 3818   | 105685  | 3.85%  | 0.159% |
| 406 | 15.584 | 15.578 | 15.604 | VV | 2402   | 35248   | 1.29%  | 0.053% |
| 407 | 15.659 | 15.604 | 15.712 | VV | 57417  | 935192  | 34.11% | 1.407% |
| 408 | 15.727 | 15.712 | 15.750 | VV | 2942   | 61698   | 2.25%  | 0.093% |
| 409 | 15.768 | 15.750 | 15.775 | VV | 2959   | 40098   | 1.46%  | 0.060% |
| 410 | 15.818 | 15.775 | 15.860 | VV | 19602  | 423749  | 15.46% | 0.638% |
| 411 | 15.877 | 15.860 | 15.905 | VV | 7251   | 127439  | 4.65%  | 0.192% |
| 412 | 15.920 | 15.905 | 15.946 | VV | 3902   | 82367   | 3.00%  | 0.124% |
| 413 | 15.957 | 15.946 | 15.976 | VV | 3023   | 52194   | 1.90%  | 0.079% |
| 414 | 16.013 | 15.976 | 16.040 | VV | 7003   | 185558  | 6.77%  | 0.279% |
| 415 | 16.048 | 16.040 | 16.077 | VV | 4753   | 80529   | 2.94%  | 0.121% |
| 416 | 16.123 | 16.077 | 16.150 | VV | 3846   | 134516  | 4.91%  | 0.202% |
| 417 | 16.180 | 16.150 | 16.197 | VV | 4181   | 99320   | 3.62%  | 0.149% |
| 418 | 16.205 | 16.197 | 16.217 | VV | 3580   | 42421   | 1.55%  | 0.064% |
| 419 | 16.225 | 16.217 | 16.255 | VV | 3282   | 64044   | 2.34%  | 0.096% |
| 420 | 16.303 | 16.255 | 16.336 | VV | 181059 | 2477503 | 90.37% | 3.729% |
| 421 | 16.353 | 16.336 | 16.371 | VV | 3400   | 64765   | 2.36%  | 0.097% |
| 422 | 16.387 | 16.371 | 16.416 | VV | 3044   | 77280   | 2.82%  | 0.116% |
| 423 | 16.422 | 16.416 | 16.425 | VV | 2524   | 13168   | 0.48%  | 0.020% |
| 424 | 16.432 | 16.425 | 16.440 | VV | 2614   | 22299   | 0.81%  | 0.034% |
| 425 | 16.444 | 16.440 | 16.447 | VV | 2654   | 11403   | 0.42%  | 0.017% |
| 426 | 16.460 | 16.447 | 16.464 | VV | 2806   | 27416   | 1.00%  | 0.041% |
| 427 | 16.490 | 16.464 | 16.503 | VV | 4519   | 88694   | 3.24%  | 0.133% |
| 428 | 16.513 | 16.503 | 16.532 | VV | 3947   | 61579   | 2.25%  | 0.093% |
| 429 | 16.548 | 16.532 | 16.570 | VV | 3870   | 74783   | 2.73%  | 0.113% |
| 430 | 16.599 | 16.570 | 16.627 | VV | 4645   | 133320  | 4.86%  | 0.201% |
| 431 | 16.676 | 16.627 | 16.716 | VV | 10376  | 292871  | 10.68% | 0.441% |
| 432 | 16.763 | 16.716 | 16.781 | VV | 23480  | 404294  | 14.75% | 0.608% |
| 433 | 16.791 | 16.781 | 16.825 | VV | 13976  | 201129  | 7.34%  | 0.303% |
| 434 | 16.867 | 16.825 | 16.874 | VV | 3781   | 95016   | 3.47%  | 0.143% |
| 435 | 16.895 | 16.874 | 16.920 | VV | 6914   | 135163  | 4.93%  | 0.203% |
| 436 | 16.928 | 16.920 | 16.934 | VV | 4173   | 32267   | 1.18%  | 0.049% |
| 437 | 16.936 | 16.934 | 16.944 | VV | 4041   | 24358   | 0.89%  | 0.037% |
| 438 | 16.950 | 16.944 | 16.969 | VV | 3723   | 52043   | 1.90%  | 0.078% |
| 439 | 16.992 | 16.969 | 17.028 | VV | 4861   | 143028  | 5.22%  | 0.215% |
| 440 | 17.046 | 17.028 | 17.056 | VV | 5411   | 82391   | 3.01%  | 0.124% |
| 441 | 17.085 | 17.056 | 17.110 | VV | 16107  | 295283  | 10.77% | 0.444% |
| 442 | 17.142 | 17.110 | 17.190 | VV | 20380  | 375705  | 13.70% | 0.565% |
| 443 | 17.256 | 17.190 | 17.287 | VV | 177694 | 2546453 | 92.88% | 3.832% |
| 444 | 17.304 | 17.287 | 17.315 | VV | 7314   | 106922  | 3.90%  | 0.161% |
| 445 | 17.331 | 17.315 | 17.368 | VV | 9913   | 210424  | 7.68%  | 0.317% |
| 446 | 17.377 | 17.368 | 17.382 | VV | 4314   | 33905   | 1.24%  | 0.051% |
| 447 | 17.385 | 17.382 | 17.390 | VV | 4269   | 19932   | 0.73%  | 0.030% |
| 448 | 17.393 | 17.390 | 17.418 | VV | 4307   | 61724   | 2.25%  | 0.093% |
| 449 | 17.425 | 17.418 | 17.430 | VV | 3078   | 20751   | 0.76%  | 0.031% |
| 450 | 17.454 | 17.430 | 17.472 | VV | 3754   | 87776   | 3.20%  | 0.132% |
| 451 | 17.504 | 17.472 | 17.546 | VV | 4874   | 174072  | 6.35%  | 0.262% |
| 452 | 17.552 | 17.546 | 17.571 | VV | 3339   | 47876   | 1.75%  | 0.072% |
| 453 | 17.577 | 17.571 | 17.592 | VV | 3312   | 39770   | 1.45%  | 0.060% |
| 454 | 17.620 | 17.592 | 17.658 | VV | 5295   | 163465  | 5.96%  | 0.246% |
| 455 | 17.672 | 17.658 | 17.683 | VV | 4038   | 56578   | 2.06%  | 0.085% |
| 456 | 17.705 | 17.683 | 17.744 | VV | 8640   | 190874  | 6.96%  | 0.287% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 457 | 17.752 | 17.744 | 17.768 | VV | 3380   | 43043   | 1.57%  | 0.065% |
| 458 | 17.802 | 17.768 | 17.818 | VV | 3751   | 95645   | 3.49%  | 0.144% |
| 459 | 17.828 | 17.818 | 17.860 | VV | 3610   | 79375   | 2.90%  | 0.119% |
| 460 | 17.871 | 17.860 | 17.891 | VV | 2426   | 43319   | 1.58%  | 0.065% |
|     |        |        |        |    |        |         |        |        |
| 461 | 17.922 | 17.891 | 17.955 | VV | 2937   | 92173   | 3.36%  | 0.139% |
| 462 | 17.963 | 17.955 | 17.967 | VV | 2054   | 14503   | 0.53%  | 0.022% |
| 463 | 17.990 | 17.967 | 18.019 | VV | 2585   | 68826   | 2.51%  | 0.104% |
| 464 | 18.040 | 18.019 | 18.046 | VV | 2816   | 38449   | 1.40%  | 0.058% |
| 465 | 18.051 | 18.046 | 18.056 | VV | 2781   | 16418   | 0.60%  | 0.025% |
|     |        |        |        |    |        |         |        |        |
| 466 | 18.066 | 18.056 | 18.084 | VV | 2970   | 45654   | 1.67%  | 0.069% |
| 467 | 18.145 | 18.084 | 18.179 | VV | 164370 | 2380099 | 86.81% | 3.582% |
| 468 | 18.196 | 18.179 | 18.205 | VV | 2335   | 32814   | 1.20%  | 0.049% |
| 469 | 18.238 | 18.205 | 18.258 | VV | 3666   | 90021   | 3.28%  | 0.135% |
| 470 | 18.298 | 18.258 | 18.344 | VV | 4378   | 173078  | 6.31%  | 0.260% |
|     |        |        |        |    |        |         |        |        |
| 471 | 18.354 | 18.344 | 18.389 | VV | 3056   | 65743   | 2.40%  | 0.099% |
| 472 | 18.422 | 18.389 | 18.458 | VV | 4603   | 115694  | 4.22%  | 0.174% |
| 473 | 18.507 | 18.458 | 18.541 | VV | 33662  | 612123  | 22.33% | 0.921% |
| 474 | 18.568 | 18.541 | 18.594 | VV | 8870   | 169504  | 6.18%  | 0.255% |
| 475 | 18.599 | 18.594 | 18.616 | VV | 2434   | 26151   | 0.95%  | 0.039% |
|     |        |        |        |    |        |         |        |        |
| 476 | 18.651 | 18.616 | 18.664 | VV | 5302   | 96914   | 3.53%  | 0.146% |
| 477 | 18.673 | 18.664 | 18.741 | VV | 5015   | 120760  | 4.40%  | 0.182% |
| 478 | 18.767 | 18.741 | 18.795 | VV | 11917  | 176030  | 6.42%  | 0.265% |
| 479 | 18.801 | 18.795 | 18.809 | VV | 1697   | 13993   | 0.51%  | 0.021% |
| 480 | 18.820 | 18.809 | 18.830 | VV | 1800   | 21066   | 0.77%  | 0.032% |
|     |        |        |        |    |        |         |        |        |
| 481 | 18.850 | 18.830 | 18.874 | VV | 2348   | 51981   | 1.90%  | 0.078% |
| 482 | 18.897 | 18.874 | 18.920 | VV | 3909   | 71791   | 2.62%  | 0.108% |
| 483 | 18.927 | 18.920 | 18.943 | VV | 1979   | 23722   | 0.87%  | 0.036% |
| 484 | 18.980 | 18.943 | 19.035 | VV | 159798 | 2322955 | 84.73% | 3.496% |
| 485 | 19.086 | 19.035 | 19.116 | VV | 3995   | 113195  | 4.13%  | 0.170% |
|     |        |        |        |    |        |         |        |        |
| 486 | 19.134 | 19.116 | 19.157 | VV | 2272   | 42046   | 1.53%  | 0.063% |
| 487 | 19.164 | 19.157 | 19.170 | VV | 1312   | 9393    | 0.34%  | 0.014% |
| 488 | 19.184 | 19.170 | 19.191 | VV | 1804   | 19853   | 0.72%  | 0.030% |
| 489 | 19.197 | 19.191 | 19.203 | VV | 1649   | 11355   | 0.41%  | 0.017% |
| 490 | 19.207 | 19.203 | 19.229 | VV | 1546   | 21802   | 0.80%  | 0.033% |
|     |        |        |        |    |        |         |        |        |
| 491 | 19.240 | 19.229 | 19.246 | VV | 1623   | 14334   | 0.52%  | 0.022% |
| 492 | 19.249 | 19.246 | 19.260 | VV | 1510   | 11105   | 0.41%  | 0.017% |
| 493 | 19.265 | 19.260 | 19.267 | VV | 1325   | 5900    | 0.22%  | 0.009% |
| 494 | 19.278 | 19.267 | 19.293 | VV | 1924   | 25573   | 0.93%  | 0.038% |
| 495 | 19.332 | 19.293 | 19.360 | VV | 19342  | 330710  | 12.06% | 0.498% |
|     |        |        |        |    |        |         |        |        |
| 496 | 19.378 | 19.360 | 19.411 | VV | 6869   | 130874  | 4.77%  | 0.197% |
| 497 | 19.420 | 19.411 | 19.430 | VV | 2478   | 25393   | 0.93%  | 0.038% |
| 498 | 19.433 | 19.430 | 19.437 | VV | 2266   | 10433   | 0.38%  | 0.016% |
| 499 | 19.458 | 19.437 | 19.466 | VV | 3436   | 51374   | 1.87%  | 0.077% |
| 500 | 19.473 | 19.466 | 19.519 | VV | 3213   | 76631   | 2.80%  | 0.115% |
|     |        |        |        |    |        |         |        |        |
| 501 | 19.538 | 19.519 | 19.543 | VV | 1978   | 26194   | 0.96%  | 0.039% |
| 502 | 19.575 | 19.543 | 19.596 | VV | 3258   | 79563   | 2.90%  | 0.120% |
| 503 | 19.623 | 19.596 | 19.650 | VV | 2889   | 72647   | 2.65%  | 0.109% |
| 504 | 19.658 | 19.650 | 19.664 | VV | 1760   | 13751   | 0.50%  | 0.021% |
| 505 | 19.671 | 19.664 | 19.699 | VV | 1868   | 35925   | 1.31%  | 0.054% |
|     |        |        |        |    |        |         |        |        |
| 506 | 19.704 | 19.699 | 19.711 | VV | 1574   | 10317   | 0.38%  | 0.016% |
| 507 | 19.765 | 19.711 | 19.806 | VV | 164762 | 2349595 | 85.70% | 3.536% |
| 508 | 19.861 | 19.806 | 19.888 | VV | 5234   | 184137  | 6.72%  | 0.277% |
| 509 | 19.925 | 19.888 | 19.958 | VV | 8164   | 194550  | 7.10%  | 0.293% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 510 | 19.991 | 19.958 | 20.023 | VV | 6511   | 183204  | 6.68%   | 0.276% |
| 511 | 20.042 | 20.023 | 20.062 | VV | 4229   | 88792   | 3.24%   | 0.134% |
| 512 | 20.077 | 20.062 | 20.090 | VV | 3796   | 60914   | 2.22%   | 0.092% |
| 513 | 20.112 | 20.090 | 20.125 | VV | 6189   | 109036  | 3.98%   | 0.164% |
| 514 | 20.138 | 20.125 | 20.156 | VV | 5737   | 94595   | 3.45%   | 0.142% |
| 515 | 20.176 | 20.156 | 20.183 | VV | 4126   | 63690   | 2.32%   | 0.096% |
| 516 | 20.210 | 20.183 | 20.225 | VV | 4931   | 112443  | 4.10%   | 0.169% |
| 517 | 20.229 | 20.225 | 20.238 | VV | 4243   | 33417   | 1.22%   | 0.050% |
| 518 | 20.240 | 20.238 | 20.244 | VV | 4170   | 13953   | 0.51%   | 0.021% |
| 519 | 20.247 | 20.244 | 20.256 | VV | 4133   | 29979   | 1.09%   | 0.045% |
| 520 | 20.304 | 20.256 | 20.327 | VV | 8637   | 249902  | 9.12%   | 0.376% |
| 521 | 20.370 | 20.327 | 20.415 | VV | 6748   | 295198  | 10.77%  | 0.444% |
| 522 | 20.434 | 20.415 | 20.462 | VV | 5502   | 147951  | 5.40%   | 0.223% |
| 523 | 20.508 | 20.462 | 20.552 | VV | 166007 | 2607386 | 95.10%  | 3.924% |
| 524 | 20.573 | 20.552 | 20.578 | VV | 5556   | 83443   | 3.04%   | 0.126% |
| 525 | 20.583 | 20.578 | 20.596 | VV | 5583   | 57749   | 2.11%   | 0.087% |
| 526 | 20.615 | 20.596 | 20.622 | VV | 5376   | 78600   | 2.87%   | 0.118% |
| 527 | 20.666 | 20.622 | 20.695 | VV | 10919  | 327868  | 11.96%  | 0.493% |
| 528 | 20.719 | 20.695 | 20.734 | VV | 6150   | 133068  | 4.85%   | 0.200% |
| 529 | 20.743 | 20.734 | 20.756 | VV | 5763   | 74721   | 2.73%   | 0.112% |
| 530 | 20.777 | 20.756 | 20.801 | VV | 6204   | 155003  | 5.65%   | 0.233% |
| 531 | 20.815 | 20.801 | 20.834 | VV | 5802   | 113221  | 4.13%   | 0.170% |
| 532 | 20.868 | 20.834 | 20.897 | VV | 6804   | 223427  | 8.15%   | 0.336% |
| 533 | 20.917 | 20.897 | 20.948 | VV | 6482   | 182750  | 6.67%   | 0.275% |
| 534 | 20.958 | 20.948 | 20.972 | VV | 5838   | 81147   | 2.96%   | 0.122% |
| 535 | 20.979 | 20.972 | 21.013 | VV | 5708   | 133165  | 4.86%   | 0.200% |
| 536 | 21.018 | 21.013 | 21.036 | VV | 4963   | 66560   | 2.43%   | 0.100% |
| 537 | 21.041 | 21.036 | 21.050 | VV | 4690   | 37578   | 1.37%   | 0.057% |
| 538 | 21.056 | 21.050 | 21.076 | VV | 4785   | 72531   | 2.65%   | 0.109% |
| 539 | 21.081 | 21.076 | 21.105 | VV | 4185   | 70387   | 2.57%   | 0.106% |
| 540 | 21.128 | 21.105 | 21.134 | VV | 4502   | 73369   | 2.68%   | 0.110% |
| 541 | 21.137 | 21.134 | 21.154 | VV | 4438   | 53205   | 1.94%   | 0.080% |
| 542 | 21.164 | 21.154 | 21.189 | VV | 4607   | 90886   | 3.32%   | 0.137% |
| 543 | 21.197 | 21.189 | 21.215 | VV | 4085   | 61535   | 2.24%   | 0.093% |
| 544 | 21.264 | 21.215 | 21.313 | VV | 140019 | 2741594 | 100.00% | 4.126% |
| 545 | 21.319 | 21.313 | 21.345 | VV | 4209   | 73939   | 2.70%   | 0.111% |
| 546 | 21.359 | 21.345 | 21.371 | VV | 3590   | 55051   | 2.01%   | 0.083% |
| 547 | 21.376 | 21.371 | 21.381 | VV | 3464   | 20979   | 0.77%   | 0.032% |
| 548 | 21.397 | 21.381 | 21.405 | VV | 3467   | 47211   | 1.72%   | 0.071% |
| 549 | 21.419 | 21.405 | 21.451 | VV | 3553   | 92520   | 3.37%   | 0.139% |
| 550 | 21.459 | 21.451 | 21.465 | VV | 2901   | 22552   | 0.82%   | 0.034% |
| 551 | 21.473 | 21.465 | 21.479 | VV | 2867   | 24512   | 0.89%   | 0.037% |
| 552 | 21.489 | 21.479 | 21.507 | VV | 2911   | 45338   | 1.65%   | 0.068% |
| 553 | 21.528 | 21.507 | 21.563 | VV | 3097   | 94227   | 3.44%   | 0.142% |
| 554 | 21.569 | 21.563 | 21.584 | VV | 2682   | 32661   | 1.19%   | 0.049% |
| 555 | 21.617 | 21.584 | 21.641 | VV | 2866   | 86734   | 3.16%   | 0.131% |
| 556 | 21.703 | 21.641 | 21.797 | VV | 5991   | 296851  | 10.83%  | 0.447% |
| 557 | 21.801 | 21.797 | 21.810 | VV | 1566   | 12004   | 0.44%   | 0.018% |
| 558 | 21.871 | 21.810 | 21.886 | VV | 2480   | 87246   | 3.18%   | 0.131% |
| 559 | 21.908 | 21.886 | 21.969 | VV | 2370   | 75612   | 2.76%   | 0.114% |
| 560 | 22.005 | 21.969 | 22.053 | VV | 1814   | 47744   | 1.74%   | 0.072% |
| 561 | 22.086 | 22.053 | 22.119 | VV | 2117   | 43689   | 1.59%   | 0.066% |

|     |        |        |        |    |                         |          |        |        |  |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|--|
|     |        |        |        |    | rteres                  |          |        |        |  |
| 562 | 22.137 | 22.119 | 22.147 | VV | 735                     | 9906     | 0.36%  | 0.015% |  |
| 563 | 22.211 | 22.147 | 22.275 | VV | 109797                  | 2649040  | 96.62% | 3.987% |  |
| 564 | 22.292 | 22.275 | 22.297 | PV | 162                     | 1211     | 0.04%  | 0.002% |  |
|     |        |        |        |    | Sum of corrected areas: | 66446043 |        |        |  |

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