

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF040722\  
 Data File : FF010288.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Apr 2022 17:24  
 Sample : N2301-03  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF040122.M  
 Title :

Signal : FID2B.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         | 2.007       | 1.997        | 2.025      | BV       | 2411           | 30988        | 0.92%          | 0.016%        |
| 2         | 2.043       | 2.025        | 2.065      | VV       | 3137           | 56662        | 1.68%          | 0.029%        |
| 3         | 2.079       | 2.065        | 2.125      | VV       | 3676           | 83018        | 2.46%          | 0.042%        |
| 4         | 2.134       | 2.125        | 2.154      | VV       | 1815           | 28764        | 0.85%          | 0.015%        |
| 5         | 2.166       | 2.154        | 2.190      | VV       | 1723           | 32691        | 0.97%          | 0.017%        |
| 6         | 2.217       | 2.190        | 2.237      | VV       | 1656           | 43517        | 1.29%          | 0.022%        |
| 7         | 2.251       | 2.237        | 2.255      | VV       | 1435           | 15294        | 0.45%          | 0.008%        |
| 8         | 2.275       | 2.255        | 2.309      | VV       | 3896           | 64958        | 1.92%          | 0.033%        |
| 9         | 2.326       | 2.309        | 2.365      | VV       | 1467           | 45223        | 1.34%          | 0.023%        |
| 10        | 2.368       | 2.365        | 2.381      | VV       | 1283           | 11830        | 0.35%          | 0.006%        |
| 11        | 2.406       | 2.381        | 2.414      | VV       | 1482           | 26169        | 0.77%          | 0.013%        |
| 12        | 2.426       | 2.414        | 2.430      | VV       | 1470           | 13901        | 0.41%          | 0.007%        |
| 13        | 2.445       | 2.430        | 2.491      | VV       | 2816           | 67133        | 1.99%          | 0.034%        |
| 14        | 2.513       | 2.491        | 2.532      | VV       | 2096           | 42986        | 1.27%          | 0.022%        |
| 15        | 2.549       | 2.532        | 2.582      | VV       | 2590           | 54861        | 1.62%          | 0.028%        |
| 16        | 2.602       | 2.582        | 2.618      | VV       | 1842           | 31352        | 0.93%          | 0.016%        |
| 17        | 2.644       | 2.618        | 2.676      | VV       | 1805           | 49570        | 1.47%          | 0.025%        |
| 18        | 2.693       | 2.676        | 2.713      | VV       | 1383           | 26522        | 0.79%          | 0.013%        |
| 19        | 2.731       | 2.713        | 2.744      | VV       | 2287           | 30472        | 0.90%          | 0.015%        |
| 20        | 2.760       | 2.744        | 2.801      | VV       | 1873           | 40990        | 1.21%          | 0.021%        |
| 21        | 2.822       | 2.801        | 2.860      | VV       | 4808           | 85561        | 2.53%          | 0.043%        |
| 22        | 2.868       | 2.860        | 2.875      | VV       | 962            | 7712         | 0.23%          | 0.004%        |
| 23        | 2.889       | 2.875        | 2.907      | VV       | 1334           | 20721        | 0.61%          | 0.011%        |
| 24        | 2.927       | 2.907        | 2.940      | VV       | 1636           | 25725        | 0.76%          | 0.013%        |
| 25        | 2.950       | 2.940        | 2.969      | VV       | 1476           | 21910        | 0.65%          | 0.011%        |
| 26        | 2.983       | 2.969        | 2.988      | VV       | 2141           | 21143        | 0.63%          | 0.011%        |
| 27        | 2.997       | 2.988        | 3.029      | VV       | 2359           | 38547        | 1.14%          | 0.020%        |
| 28        | 3.047       | 3.029        | 3.064      | VV       | 2664           | 33156        | 0.98%          | 0.017%        |
| 29        | 3.079       | 3.064        | 3.098      | VV       | 2643           | 33557        | 0.99%          | 0.017%        |
| 30        | 3.116       | 3.098        | 3.161      | VV       | 1100           | 31431        | 0.93%          | 0.016%        |
| 31        | 3.181       | 3.161        | 3.198      | VV       | 1369           | 19513        | 0.58%          | 0.010%        |
| 32        | 3.204       | 3.198        | 3.223      | VV       | 961            | 10443        | 0.31%          | 0.005%        |
| 33        | 3.234       | 3.223        | 3.256      | VV       | 604            | 10019        | 0.30%          | 0.005%        |
| 34        | 3.266       | 3.256        | 3.278      | VV       | 584            | 6782         | 0.20%          | 0.003%        |
| 35        | 3.295       | 3.278        | 3.314      | VV       | 5320           | 52986        | 1.57%          | 0.027%        |
| 36        | 3.318       | 3.314        | 3.350      | VV       | 1142           | 18096        | 0.54%          | 0.009%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 3.362 | 3.350 | 3.376 | VV | 570    | 7595   | 0.22% | 0.004% |
| 38 | 3.397 | 3.376 | 3.406 | VV | 807    | 11797  | 0.35% | 0.006% |
| 39 | 3.421 | 3.406 | 3.435 | VV | 1169   | 15620  | 0.46% | 0.008% |
| 40 | 3.456 | 3.435 | 3.472 | VV | 1100   | 20125  | 0.60% | 0.010% |
| 41 | 3.492 | 3.472 | 3.526 | VV | 2282   | 37381  | 1.11% | 0.019% |
| 42 | 3.568 | 3.526 | 3.601 | VV | 1399   | 38660  | 1.14% | 0.020% |
| 43 | 3.618 | 3.601 | 3.645 | VV | 865    | 17523  | 0.52% | 0.009% |
| 44 | 3.672 | 3.645 | 3.693 | VV | 2115   | 37800  | 1.12% | 0.019% |
| 45 | 3.705 | 3.693 | 3.720 | VV | 1588   | 18690  | 0.55% | 0.009% |
| 46 | 3.743 | 3.720 | 3.773 | VV | 1561   | 26833  | 0.79% | 0.014% |
| 47 | 3.791 | 3.773 | 3.803 | VV | 3004   | 30111  | 0.89% | 0.015% |
| 48 | 3.811 | 3.803 | 3.825 | VV | 2268   | 21001  | 0.62% | 0.011% |
| 49 | 3.838 | 3.825 | 3.856 | VV | 2765   | 28326  | 0.84% | 0.014% |
| 50 | 3.880 | 3.856 | 3.929 | VV | 2233   | 51290  | 1.52% | 0.026% |
| 51 | 3.940 | 3.929 | 3.949 | VV | 859    | 9118   | 0.27% | 0.005% |
| 52 | 3.967 | 3.949 | 3.985 | VV | 3311   | 44339  | 1.31% | 0.022% |
| 53 | 4.010 | 3.985 | 4.034 | VV | 3306   | 54845  | 1.62% | 0.028% |
| 54 | 4.046 | 4.034 | 4.051 | VV | 1539   | 13893  | 0.41% | 0.007% |
| 55 | 4.061 | 4.051 | 4.082 | VV | 1777   | 18619  | 0.55% | 0.009% |
| 56 | 4.104 | 4.082 | 4.113 | VV | 1331   | 16113  | 0.48% | 0.008% |
| 57 | 4.130 | 4.113 | 4.150 | VV | 5166   | 55904  | 1.66% | 0.028% |
| 58 | 4.164 | 4.150 | 4.186 | VV | 2672   | 36416  | 1.08% | 0.018% |
| 59 | 4.188 | 4.186 | 4.200 | VV | 1037   | 7672   | 0.23% | 0.004% |
| 60 | 4.209 | 4.200 | 4.255 | VV | 1103   | 18184  | 0.54% | 0.009% |
| 61 | 4.278 | 4.255 | 4.302 | PV | 1480   | 21651  | 0.64% | 0.011% |
| 62 | 4.340 | 4.302 | 4.346 | VV | 1488   | 29375  | 0.87% | 0.015% |
| 63 | 4.366 | 4.346 | 4.396 | VV | 10970  | 117920 | 3.49% | 0.060% |
| 64 | 4.409 | 4.396 | 4.423 | VV | 3076   | 31256  | 0.93% | 0.016% |
| 65 | 4.437 | 4.423 | 4.460 | VV | 2286   | 29505  | 0.87% | 0.015% |
| 66 | 4.470 | 4.460 | 4.494 | VV | 926    | 11384  | 0.34% | 0.006% |
| 67 | 4.515 | 4.494 | 4.538 | VV | 2443   | 27869  | 0.83% | 0.014% |
| 68 | 4.543 | 4.538 | 4.548 | VV | 465    | 2546   | 0.08% | 0.001% |
| 69 | 4.566 | 4.548 | 4.578 | VV | 1306   | 16607  | 0.49% | 0.008% |
| 70 | 4.588 | 4.578 | 4.605 | VV | 1062   | 13292  | 0.39% | 0.007% |
| 71 | 4.621 | 4.605 | 4.635 | VV | 2751   | 28409  | 0.84% | 0.014% |
| 72 | 4.648 | 4.635 | 4.663 | VV | 1412   | 16214  | 0.48% | 0.008% |
| 73 | 4.675 | 4.663 | 4.681 | VV | 738    | 6901   | 0.20% | 0.003% |
| 74 | 4.698 | 4.681 | 4.710 | VV | 1929   | 20457  | 0.61% | 0.010% |
| 75 | 4.721 | 4.710 | 4.726 | VV | 1079   | 8739   | 0.26% | 0.004% |
| 76 | 4.745 | 4.726 | 4.758 | VV | 2875   | 35450  | 1.05% | 0.018% |
| 77 | 4.775 | 4.758 | 4.802 | VV | 4835   | 71895  | 2.13% | 0.036% |
| 78 | 4.818 | 4.802 | 4.828 | VV | 2759   | 32356  | 0.96% | 0.016% |
| 79 | 4.839 | 4.828 | 4.875 | VV | 3095   | 40130  | 1.19% | 0.020% |
| 80 | 4.894 | 4.875 | 4.903 | VV | 1394   | 15011  | 0.44% | 0.008% |
| 81 | 4.914 | 4.903 | 4.945 | VV | 1451   | 22903  | 0.68% | 0.012% |
| 82 | 4.995 | 4.945 | 5.032 | VV | 3659   | 83413  | 2.47% | 0.042% |
| 83 | 5.047 | 5.032 | 5.055 | VV | 1523   | 16196  | 0.48% | 0.008% |
| 84 | 5.058 | 5.055 | 5.070 | VV | 1346   | 8203   | 0.24% | 0.004% |
| 85 | 5.086 | 5.070 | 5.095 | VV | 5096   | 46831  | 1.39% | 0.024% |
| 86 | 5.104 | 5.095 | 5.128 | VV | 4895   | 57926  | 1.71% | 0.029% |
| 87 | 5.135 | 5.128 | 5.152 | VV | 1292   | 10824  | 0.32% | 0.005% |
| 88 | 5.175 | 5.152 | 5.184 | PV | 754    | 8659   | 0.26% | 0.004% |
| 89 | 5.202 | 5.184 | 5.210 | VV | 1668   | 19400  | 0.57% | 0.010% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 5.222 | 5.210 | 5.241 | VV | 3355   | 39272  | 1.16% | 0.020% |
| 91  | 5.262 | 5.241 | 5.276 | VV | 2916   | 44476  | 1.32% | 0.023% |
| 92  | 5.293 | 5.276 | 5.308 | VV | 3426   | 43810  | 1.30% | 0.022% |
| 93  | 5.322 | 5.308 | 5.341 | VV | 2147   | 31240  | 0.92% | 0.016% |
| 94  | 5.353 | 5.341 | 5.375 | VV | 1382   | 19746  | 0.58% | 0.010% |
| 95  | 5.403 | 5.375 | 5.418 | VV | 17572  | 182465 | 5.40% | 0.093% |
| 96  | 5.429 | 5.418 | 5.453 | VV | 6633   | 85132  | 2.52% | 0.043% |
| 97  | 5.466 | 5.453 | 5.484 | VV | 2942   | 36614  | 1.08% | 0.019% |
| 98  | 5.492 | 5.484 | 5.518 | VV | 1493   | 25324  | 0.75% | 0.013% |
| 99  | 5.529 | 5.518 | 5.539 | VV | 1157   | 13306  | 0.39% | 0.007% |
| 100 | 5.551 | 5.539 | 5.565 | VV | 1339   | 14917  | 0.44% | 0.008% |
| 101 | 5.587 | 5.565 | 5.612 | VV | 9561   | 112512 | 3.33% | 0.057% |
| 102 | 5.638 | 5.612 | 5.660 | VV | 2958   | 54054  | 1.60% | 0.027% |
| 103 | 5.663 | 5.660 | 5.672 | VV | 1814   | 12537  | 0.37% | 0.006% |
| 104 | 5.688 | 5.672 | 5.695 | VV | 3967   | 41792  | 1.24% | 0.021% |
| 105 | 5.702 | 5.695 | 5.725 | VV | 3785   | 42677  | 1.26% | 0.022% |
| 106 | 5.740 | 5.725 | 5.758 | VV | 3633   | 40263  | 1.19% | 0.020% |
| 107 | 5.774 | 5.758 | 5.787 | VV | 3680   | 42063  | 1.25% | 0.021% |
| 108 | 5.814 | 5.787 | 5.839 | VV | 2826   | 55502  | 1.64% | 0.028% |
| 109 | 5.859 | 5.839 | 5.879 | PV | 2030   | 27812  | 0.82% | 0.014% |
| 110 | 5.910 | 5.879 | 5.933 | VV | 4444   | 85206  | 2.52% | 0.043% |
| 111 | 5.953 | 5.933 | 5.977 | VV | 9241   | 121304 | 3.59% | 0.062% |
| 112 | 6.002 | 5.977 | 6.029 | VV | 4396   | 90122  | 2.67% | 0.046% |
| 113 | 6.046 | 6.029 | 6.069 | VV | 3180   | 48621  | 1.44% | 0.025% |
| 114 | 6.103 | 6.069 | 6.117 | VV | 4688   | 83357  | 2.47% | 0.042% |
| 115 | 6.135 | 6.117 | 6.154 | VV | 6404   | 109635 | 3.25% | 0.056% |
| 116 | 6.165 | 6.154 | 6.176 | VV | 5123   | 55737  | 1.65% | 0.028% |
| 117 | 6.188 | 6.176 | 6.210 | VV | 3849   | 56759  | 1.68% | 0.029% |
| 118 | 6.227 | 6.210 | 6.246 | VV | 4932   | 61868  | 1.83% | 0.031% |
| 119 | 6.265 | 6.246 | 6.282 | VV | 4209   | 56957  | 1.69% | 0.029% |
| 120 | 6.310 | 6.282 | 6.330 | VV | 4919   | 88905  | 2.63% | 0.045% |
| 121 | 6.340 | 6.330 | 6.353 | VV | 2800   | 29761  | 0.88% | 0.015% |
| 122 | 6.384 | 6.353 | 6.413 | VV | 18524  | 212979 | 6.31% | 0.108% |
| 123 | 6.424 | 6.413 | 6.435 | VV | 418    | 3026   | 0.09% | 0.002% |
| 124 | 6.476 | 6.435 | 6.488 | PV | 1937   | 29730  | 0.88% | 0.015% |
| 125 | 6.498 | 6.488 | 6.505 | VV | 2335   | 19931  | 0.59% | 0.010% |
| 126 | 6.534 | 6.505 | 6.550 | VV | 7936   | 126037 | 3.73% | 0.064% |
| 127 | 6.574 | 6.550 | 6.599 | VV | 14959  | 197084 | 5.83% | 0.100% |
| 128 | 6.655 | 6.599 | 6.676 | VV | 5134   | 94513  | 2.80% | 0.048% |
| 129 | 6.711 | 6.676 | 6.734 | VV | 5018   | 126429 | 3.74% | 0.064% |
| 130 | 6.745 | 6.734 | 6.755 | VV | 2540   | 27207  | 0.81% | 0.014% |
| 131 | 6.785 | 6.755 | 6.802 | VV | 5649   | 108243 | 3.20% | 0.055% |
| 132 | 6.811 | 6.802 | 6.824 | VV | 4439   | 43167  | 1.28% | 0.022% |
| 133 | 6.861 | 6.824 | 6.870 | VV | 6813   | 114700 | 3.40% | 0.058% |
| 134 | 6.883 | 6.870 | 6.897 | VV | 12922  | 157076 | 4.65% | 0.080% |
| 135 | 6.909 | 6.897 | 6.926 | VV | 10715  | 138357 | 4.10% | 0.070% |
| 136 | 6.943 | 6.926 | 6.969 | VV | 7247   | 123031 | 3.64% | 0.062% |
| 137 | 7.006 | 6.969 | 7.024 | VV | 8202   | 167645 | 4.96% | 0.085% |
| 138 | 7.044 | 7.024 | 7.067 | VV | 4850   | 91422  | 2.71% | 0.046% |
| 139 | 7.105 | 7.067 | 7.129 | VV | 18533  | 328356 | 9.72% | 0.167% |
| 140 | 7.144 | 7.129 | 7.154 | VV | 6443   | 72311  | 2.14% | 0.037% |
| 141 | 7.160 | 7.154 | 7.170 | VV | 5724   | 49330  | 1.46% | 0.025% |

|     |       |       |       |    | rteres |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
| 142 | 7.190 | 7.170 | 7.247 | VV | 8246   | 189544 | 5.61%  | 0.096% |
| 143 | 7.281 | 7.247 | 7.291 | PV | 5786   | 95408  | 2.82%  | 0.048% |
| 144 | 7.308 | 7.291 | 7.342 | VV | 21305  | 291396 | 8.63%  | 0.148% |
| 145 | 7.375 | 7.342 | 7.389 | VV | 6140   | 121496 | 3.60%  | 0.062% |
| 146 | 7.399 | 7.389 | 7.415 | VV | 5823   | 73878  | 2.19%  | 0.037% |
| 147 | 7.443 | 7.415 | 7.473 | VV | 10630  | 239129 | 7.08%  | 0.121% |
| 148 | 7.488 | 7.473 | 7.512 | VV | 10594  | 172130 | 5.10%  | 0.087% |
| 149 | 7.524 | 7.512 | 7.549 | VV | 4570   | 85738  | 2.54%  | 0.043% |
| 150 | 7.562 | 7.549 | 7.578 | VV | 4335   | 61565  | 1.82%  | 0.031% |
| 151 | 7.600 | 7.578 | 7.625 | VV | 12113  | 192874 | 5.71%  | 0.098% |
| 152 | 7.643 | 7.625 | 7.675 | VV | 7890   | 161595 | 4.78%  | 0.082% |
| 153 | 7.689 | 7.675 | 7.701 | VV | 4251   | 58140  | 1.72%  | 0.029% |
| 154 | 7.741 | 7.701 | 7.759 | VV | 9695   | 230528 | 6.82%  | 0.117% |
| 155 | 7.765 | 7.759 | 7.809 | VV | 7141   | 167559 | 4.96%  | 0.085% |
| 156 | 7.845 | 7.809 | 7.853 | VV | 5839   | 125708 | 3.72%  | 0.064% |
| 157 | 7.876 | 7.853 | 7.900 | VV | 9011   | 197200 | 5.84%  | 0.100% |
| 158 | 7.915 | 7.900 | 7.929 | VV | 9064   | 133962 | 3.97%  | 0.068% |
| 159 | 7.951 | 7.929 | 7.970 | VV | 9109   | 192522 | 5.70%  | 0.098% |
| 160 | 7.984 | 7.970 | 7.991 | VV | 10242  | 117771 | 3.49%  | 0.060% |
| 161 | 8.001 | 7.991 | 8.012 | VV | 11834  | 134680 | 3.99%  | 0.068% |
| 162 | 8.024 | 8.012 | 8.038 | VV | 12388  | 157260 | 4.66%  | 0.080% |
| 163 | 8.056 | 8.038 | 8.069 | VV | 18294  | 252461 | 7.47%  | 0.128% |
| 164 | 8.073 | 8.069 | 8.097 | VV | 16091  | 196195 | 5.81%  | 0.100% |
| 165 | 8.107 | 8.097 | 8.114 | VV | 8909   | 88516  | 2.62%  | 0.045% |
| 166 | 8.132 | 8.114 | 8.147 | VV | 16113  | 234180 | 6.93%  | 0.119% |
| 167 | 8.180 | 8.147 | 8.210 | VV | 32834  | 612865 | 18.14% | 0.311% |
| 168 | 8.226 | 8.210 | 8.239 | VV | 11472  | 168953 | 5.00%  | 0.086% |
| 169 | 8.254 | 8.239 | 8.266 | VV | 8743   | 136012 | 4.03%  | 0.069% |
| 170 | 8.282 | 8.266 | 8.313 | VV | 12305  | 287901 | 8.52%  | 0.146% |
| 171 | 8.341 | 8.313 | 8.359 | VV | 20822  | 383381 | 11.35% | 0.194% |
| 172 | 8.366 | 8.359 | 8.387 | VV | 12596  | 189493 | 5.61%  | 0.096% |
| 173 | 8.399 | 8.387 | 8.412 | VV | 10660  | 140905 | 4.17%  | 0.071% |
| 174 | 8.429 | 8.412 | 8.489 | VV | 11413  | 426807 | 12.64% | 0.216% |
| 175 | 8.511 | 8.489 | 8.516 | VV | 7476   | 108768 | 3.22%  | 0.055% |
| 176 | 8.569 | 8.516 | 8.595 | VV | 16495  | 526033 | 15.57% | 0.267% |
| 177 | 8.600 | 8.595 | 8.613 | VV | 10042  | 100007 | 2.96%  | 0.051% |
| 178 | 8.639 | 8.613 | 8.663 | VV | 18858  | 387181 | 11.46% | 0.196% |
| 179 | 8.676 | 8.663 | 8.686 | VV | 12260  | 162940 | 4.82%  | 0.083% |
| 180 | 8.705 | 8.686 | 8.758 | VV | 19036  | 586521 | 17.36% | 0.297% |
| 181 | 8.765 | 8.758 | 8.777 | VV | 10378  | 112779 | 3.34%  | 0.057% |
| 182 | 8.796 | 8.777 | 8.816 | VV | 17861  | 318974 | 9.44%  | 0.162% |
| 183 | 8.836 | 8.816 | 8.857 | VV | 14277  | 313113 | 9.27%  | 0.159% |
| 184 | 8.861 | 8.857 | 8.892 | VV | 13131  | 246247 | 7.29%  | 0.125% |
| 185 | 8.915 | 8.892 | 8.940 | VV | 21587  | 433603 | 12.84% | 0.220% |
| 186 | 8.945 | 8.940 | 8.961 | VV | 11506  | 132567 | 3.92%  | 0.067% |
| 187 | 8.970 | 8.961 | 8.979 | VV | 10591  | 104583 | 3.10%  | 0.053% |
| 188 | 9.001 | 8.979 | 9.025 | VV | 22456  | 426624 | 12.63% | 0.216% |
| 189 | 9.034 | 9.025 | 9.058 | VV | 12348  | 220097 | 6.52%  | 0.112% |
| 190 | 9.062 | 9.058 | 9.071 | VV | 10077  | 78899  | 2.34%  | 0.040% |
| 191 | 9.094 | 9.071 | 9.117 | VV | 14395  | 326474 | 9.67%  | 0.166% |
| 192 | 9.155 | 9.117 | 9.172 | VV | 13480  | 371564 | 11.00% | 0.188% |
| 193 | 9.183 | 9.172 | 9.194 | VV | 12524  | 155555 | 4.61%  | 0.079% |
| 194 | 9.207 | 9.194 | 9.221 | VV | 11968  | 178925 | 5.30%  | 0.091% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 9.226  | 9.221  | 9.229  | VV | 10795  | 48117  | 1.42%  | 0.024% |
| 196 | 9.233  | 9.229  | 9.241  | VV | 10861  | 77118  | 2.28%  | 0.039% |
| 197 | 9.251  | 9.241  | 9.269  | VV | 11020  | 173039 | 5.12%  | 0.088% |
| 198 | 9.290  | 9.269  | 9.325  | VV | 12492  | 359508 | 10.64% | 0.182% |
| 199 | 9.344  | 9.325  | 9.360  | VV | 15714  | 271688 | 8.04%  | 0.138% |
| 200 | 9.393  | 9.360  | 9.425  | VV | 16441  | 511418 | 15.14% | 0.259% |
| 201 | 9.450  | 9.425  | 9.476  | VV | 17395  | 412110 | 12.20% | 0.209% |
| 202 | 9.497  | 9.476  | 9.509  | VV | 12046  | 222301 | 6.58%  | 0.113% |
| 203 | 9.513  | 9.509  | 9.520  | VV | 11545  | 74404  | 2.20%  | 0.038% |
| 204 | 9.523  | 9.520  | 9.540  | VV | 11975  | 138610 | 4.10%  | 0.070% |
| 205 | 9.563  | 9.540  | 9.585  | VV | 14235  | 349707 | 10.35% | 0.177% |
| 206 | 9.615  | 9.585  | 9.640  | VV | 15067  | 409985 | 12.14% | 0.208% |
| 207 | 9.652  | 9.640  | 9.658  | VV | 11275  | 113401 | 3.36%  | 0.058% |
| 208 | 9.662  | 9.658  | 9.676  | VV | 11008  | 110397 | 3.27%  | 0.056% |
| 209 | 9.718  | 9.676  | 9.741  | VV | 17771  | 514424 | 15.23% | 0.261% |
| 210 | 9.745  | 9.741  | 9.764  | VV | 11603  | 149265 | 4.42%  | 0.076% |
| 211 | 9.783  | 9.764  | 9.825  | VV | 22908  | 559138 | 16.55% | 0.284% |
| 212 | 9.851  | 9.825  | 9.873  | VV | 14743  | 341473 | 10.11% | 0.173% |
| 213 | 9.891  | 9.873  | 9.930  | VV | 12076  | 345694 | 10.23% | 0.175% |
| 214 | 9.956  | 9.930  | 9.977  | VV | 10771  | 271098 | 8.03%  | 0.137% |
| 215 | 9.994  | 9.977  | 10.000 | VV | 10127  | 138489 | 4.10%  | 0.070% |
| 216 | 10.014 | 10.000 | 10.029 | VV | 11126  | 173958 | 5.15%  | 0.088% |
| 217 | 10.036 | 10.029 | 10.059 | VV | 10133  | 169426 | 5.02%  | 0.086% |
| 218 | 10.100 | 10.059 | 10.106 | VV | 12203  | 285144 | 8.44%  | 0.145% |
| 219 | 10.121 | 10.106 | 10.148 | VV | 13344  | 289968 | 8.58%  | 0.147% |
| 220 | 10.167 | 10.148 | 10.194 | VV | 14119  | 319376 | 9.46%  | 0.162% |
| 221 | 10.223 | 10.194 | 10.235 | VV | 14465  | 301775 | 8.93%  | 0.153% |
| 222 | 10.249 | 10.235 | 10.278 | VV | 13171  | 297560 | 8.81%  | 0.151% |
| 223 | 10.294 | 10.278 | 10.305 | VV | 14758  | 203792 | 6.03%  | 0.103% |
| 224 | 10.317 | 10.305 | 10.347 | VV | 13955  | 281766 | 8.34%  | 0.143% |
| 225 | 10.363 | 10.347 | 10.381 | VV | 12254  | 219491 | 6.50%  | 0.111% |
| 226 | 10.394 | 10.381 | 10.398 | VV | 11164  | 107217 | 3.17%  | 0.054% |
| 227 | 10.401 | 10.398 | 10.416 | VV | 11128  | 112229 | 3.32%  | 0.057% |
| 228 | 10.442 | 10.416 | 10.459 | VV | 14124  | 307385 | 9.10%  | 0.156% |
| 229 | 10.475 | 10.459 | 10.493 | VV | 12814  | 232264 | 6.88%  | 0.118% |
| 230 | 10.521 | 10.493 | 10.555 | VV | 21815  | 489098 | 14.48% | 0.248% |
| 231 | 10.596 | 10.555 | 10.620 | VV | 15127  | 445381 | 13.19% | 0.226% |
| 232 | 10.658 | 10.620 | 10.692 | VV | 12704  | 430646 | 12.75% | 0.218% |
| 233 | 10.709 | 10.692 | 10.728 | VV | 9961   | 185356 | 5.49%  | 0.094% |
| 234 | 10.749 | 10.728 | 10.754 | VV | 8870   | 130684 | 3.87%  | 0.066% |
| 235 | 10.772 | 10.754 | 10.790 | VV | 13232  | 218955 | 6.48%  | 0.111% |
| 236 | 10.812 | 10.790 | 10.830 | VV | 20535  | 320655 | 9.49%  | 0.163% |
| 237 | 10.848 | 10.830 | 10.871 | VV | 10645  | 219759 | 6.51%  | 0.111% |
| 238 | 10.876 | 10.871 | 10.884 | VV | 7237   | 50528  | 1.50%  | 0.026% |
| 239 | 10.907 | 10.884 | 10.938 | VV | 8913   | 251771 | 7.45%  | 0.128% |
| 240 | 10.943 | 10.938 | 10.949 | VV | 7049   | 47496  | 1.41%  | 0.024% |
| 241 | 10.954 | 10.949 | 10.983 | VV | 7306   | 127314 | 3.77%  | 0.065% |
| 242 | 10.994 | 10.983 | 11.001 | VV | 6806   | 67652  | 2.00%  | 0.034% |
| 243 | 11.008 | 11.001 | 11.018 | VV | 6943   | 66334  | 1.96%  | 0.034% |
| 244 | 11.040 | 11.018 | 11.052 | VV | 8227   | 151232 | 4.48%  | 0.077% |
| 245 | 11.064 | 11.052 | 11.074 | VV | 8981   | 107510 | 3.18%  | 0.055% |
| 246 | 11.088 | 11.074 | 11.105 | VV | 8391   | 134375 | 3.98%  | 0.068% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 11.121 | 11.105 | 11.125 | VV | 6041   | 63233   | 1.87%  | 0.032% |
| 248 | 11.130 | 11.125 | 11.148 | VV | 6181   | 77268   | 2.29%  | 0.039% |
| 249 | 11.165 | 11.148 | 11.175 | VV | 6816   | 102979  | 3.05%  | 0.052% |
| 250 | 11.195 | 11.175 | 11.207 | VV | 13313  | 192319  | 5.69%  | 0.098% |
|     |        |        |        |    |        |         |        |        |
| 251 | 11.224 | 11.207 | 11.244 | VV | 17892  | 259469  | 7.68%  | 0.132% |
| 252 | 11.255 | 11.244 | 11.277 | VV | 9026   | 149174  | 4.42%  | 0.076% |
| 253 | 11.305 | 11.277 | 11.341 | VV | 11288  | 273015  | 8.08%  | 0.138% |
| 254 | 11.364 | 11.341 | 11.394 | VV | 5125   | 138847  | 4.11%  | 0.070% |
| 255 | 11.416 | 11.394 | 11.421 | VV | 5829   | 75122   | 2.22%  | 0.038% |
|     |        |        |        |    |        |         |        |        |
| 256 | 11.426 | 11.421 | 11.452 | VV | 6128   | 83064   | 2.46%  | 0.042% |
| 257 | 11.468 | 11.452 | 11.479 | VV | 4603   | 59767   | 1.77%  | 0.030% |
| 258 | 11.496 | 11.479 | 11.519 | VV | 7891   | 137520  | 4.07%  | 0.070% |
| 259 | 11.530 | 11.519 | 11.554 | VV | 4892   | 80220   | 2.37%  | 0.041% |
| 260 | 11.575 | 11.554 | 11.589 | VV | 5764   | 88829   | 2.63%  | 0.045% |
|     |        |        |        |    |        |         |        |        |
| 261 | 11.607 | 11.589 | 11.627 | VV | 8976   | 133189  | 3.94%  | 0.068% |
| 262 | 11.648 | 11.627 | 11.662 | VV | 7539   | 120249  | 3.56%  | 0.061% |
| 263 | 11.673 | 11.662 | 11.697 | VV | 5886   | 82386   | 2.44%  | 0.042% |
| 264 | 11.725 | 11.697 | 11.737 | VV | 6378   | 97379   | 2.88%  | 0.049% |
| 265 | 11.758 | 11.737 | 11.804 | VV | 7399   | 171088  | 5.07%  | 0.087% |
|     |        |        |        |    |        |         |        |        |
| 266 | 11.841 | 11.804 | 11.861 | VV | 4608   | 91284   | 2.70%  | 0.046% |
| 267 | 11.894 | 11.861 | 11.926 | VV | 16055  | 287400  | 8.51%  | 0.146% |
| 268 | 11.947 | 11.926 | 11.971 | VV | 15909  | 206255  | 6.11%  | 0.105% |
| 269 | 12.010 | 11.971 | 12.047 | VV | 64544  | 1326597 | 39.27% | 0.673% |
| 270 | 12.066 | 12.047 | 12.092 | VV | 46252  | 583851  | 17.29% | 0.296% |
|     |        |        |        |    |        |         |        |        |
| 271 | 12.110 | 12.092 | 12.128 | VV | 3679   | 65197   | 1.93%  | 0.033% |
| 272 | 12.159 | 12.128 | 12.220 | VV | 90681  | 1198567 | 35.48% | 0.608% |
| 273 | 12.230 | 12.220 | 12.243 | VV | 3387   | 36054   | 1.07%  | 0.018% |
| 274 | 12.263 | 12.243 | 12.269 | VV | 3514   | 45784   | 1.36%  | 0.023% |
| 275 | 12.281 | 12.269 | 12.286 | VV | 3747   | 34392   | 1.02%  | 0.017% |
|     |        |        |        |    |        |         |        |        |
| 276 | 12.317 | 12.286 | 12.342 | VV | 7327   | 158269  | 4.69%  | 0.080% |
| 277 | 12.371 | 12.342 | 12.375 | VV | 5371   | 58901   | 1.74%  | 0.030% |
| 278 | 12.387 | 12.375 | 12.416 | VV | 6290   | 99159   | 2.94%  | 0.050% |
| 279 | 12.451 | 12.416 | 12.461 | VV | 5771   | 106826  | 3.16%  | 0.054% |
| 280 | 12.479 | 12.461 | 12.497 | VV | 10465  | 151154  | 4.48%  | 0.077% |
|     |        |        |        |    |        |         |        |        |
| 281 | 12.536 | 12.497 | 12.576 | VV | 20738  | 395758  | 11.72% | 0.201% |
| 282 | 12.595 | 12.576 | 12.637 | VV | 8867   | 151691  | 4.49%  | 0.077% |
| 283 | 12.644 | 12.637 | 12.651 | PV | 1244   | 7445    | 0.22%  | 0.004% |
| 284 | 12.697 | 12.651 | 12.706 | VV | 3165   | 65275   | 1.93%  | 0.033% |
| 285 | 12.722 | 12.706 | 12.740 | VV | 4055   | 53502   | 1.58%  | 0.027% |
|     |        |        |        |    |        |         |        |        |
| 286 | 12.756 | 12.740 | 12.761 | VV | 2362   | 22061   | 0.65%  | 0.011% |
| 287 | 12.781 | 12.761 | 12.821 | VV | 5994   | 147713  | 4.37%  | 0.075% |
| 288 | 12.830 | 12.821 | 12.866 | VV | 2510   | 44226   | 1.31%  | 0.022% |
| 289 | 12.892 | 12.866 | 12.916 | PV | 11814  | 151153  | 4.48%  | 0.077% |
| 290 | 12.942 | 12.916 | 12.976 | VV | 5940   | 144726  | 4.28%  | 0.073% |
|     |        |        |        |    |        |         |        |        |
| 291 | 12.985 | 12.976 | 12.999 | VV | 2402   | 25647   | 0.76%  | 0.013% |
| 292 | 13.023 | 12.999 | 13.048 | VV | 34288  | 430369  | 12.74% | 0.218% |
| 293 | 13.054 | 13.048 | 13.072 | VV | 4091   | 49457   | 1.46%  | 0.025% |
| 294 | 13.083 | 13.072 | 13.116 | VV | 4372   | 62881   | 1.86%  | 0.032% |
| 295 | 13.149 | 13.116 | 13.177 | PV | 16549  | 266227  | 7.88%  | 0.135% |
|     |        |        |        |    |        |         |        |        |
| 296 | 13.197 | 13.177 | 13.210 | VV | 8305   | 123288  | 3.65%  | 0.063% |
| 297 | 13.224 | 13.210 | 13.241 | VV | 9140   | 137910  | 4.08%  | 0.070% |
| 298 | 13.245 | 13.241 | 13.277 | VV | 5097   | 72822   | 2.16%  | 0.037% |
| 299 | 13.291 | 13.277 | 13.302 | VV | 3471   | 35714   | 1.06%  | 0.018% |

|     |        |        |        |    | rteres |         |        |        |  |
|-----|--------|--------|--------|----|--------|---------|--------|--------|--|
| 300 | 13.318 | 13.302 | 13.341 | VV | 6543   | 85569   | 2.53%  | 0.043% |  |
| 301 | 13.381 | 13.341 | 13.399 | VV | 8739   | 134166  | 3.97%  | 0.068% |  |
| 302 | 13.405 | 13.399 | 13.411 | VV | 3657   | 25821   | 0.76%  | 0.013% |  |
| 303 | 13.416 | 13.411 | 13.419 | VV | 3365   | 13423   | 0.40%  | 0.007% |  |
| 304 | 13.425 | 13.419 | 13.439 | VV | 3482   | 36334   | 1.08%  | 0.018% |  |
| 305 | 13.478 | 13.439 | 13.505 | VV | 5339   | 141162  | 4.18%  | 0.072% |  |
| 306 | 13.530 | 13.505 | 13.551 | VV | 3575   | 62788   | 1.86%  | 0.032% |  |
| 307 | 13.556 | 13.551 | 13.559 | VV | 2522   | 10312   | 0.31%  | 0.005% |  |
| 308 | 13.583 | 13.559 | 13.593 | VV | 2901   | 50702   | 1.50%  | 0.026% |  |
| 309 | 13.629 | 13.593 | 13.667 | VV | 9329   | 199996  | 5.92%  | 0.101% |  |
| 310 | 13.673 | 13.667 | 13.679 | VV | 3963   | 25449   | 0.75%  | 0.013% |  |
| 311 | 13.685 | 13.679 | 13.700 | VV | 4111   | 37344   | 1.11%  | 0.019% |  |
| 312 | 13.734 | 13.700 | 13.752 | VV | 20826  | 328753  | 9.73%  | 0.167% |  |
| 313 | 13.761 | 13.752 | 13.777 | VV | 12034  | 141686  | 4.19%  | 0.072% |  |
| 314 | 13.795 | 13.777 | 13.832 | VV | 6861   | 135275  | 4.00%  | 0.069% |  |
| 315 | 13.848 | 13.832 | 13.855 | VV | 2116   | 19524   | 0.58%  | 0.010% |  |
| 316 | 13.876 | 13.855 | 13.899 | VV | 3826   | 62135   | 1.84%  | 0.032% |  |
| 317 | 13.904 | 13.899 | 13.910 | VV | 1812   | 8025    | 0.24%  | 0.004% |  |
| 318 | 13.919 | 13.910 | 13.925 | VV | 1168   | 4924    | 0.15%  | 0.002% |  |
| 319 | 13.954 | 13.925 | 13.989 | PV | 7764   | 152791  | 4.52%  | 0.077% |  |
| 320 | 14.024 | 13.989 | 14.034 | VV | 2393   | 46747   | 1.38%  | 0.024% |  |
| 321 | 14.041 | 14.034 | 14.044 | VV | 2246   | 11779   | 0.35%  | 0.006% |  |
| 322 | 14.056 | 14.044 | 14.064 | VV | 3078   | 28557   | 0.85%  | 0.014% |  |
| 323 | 14.069 | 14.064 | 14.079 | VV | 2524   | 17552   | 0.52%  | 0.009% |  |
| 324 | 14.102 | 14.079 | 14.114 | VV | 6044   | 82356   | 2.44%  | 0.042% |  |
| 325 | 14.134 | 14.114 | 14.142 | VV | 5315   | 66266   | 1.96%  | 0.034% |  |
| 326 | 14.157 | 14.142 | 14.177 | VV | 5694   | 82991   | 2.46%  | 0.042% |  |
| 327 | 14.212 | 14.177 | 14.242 | VV | 6577   | 183939  | 5.45%  | 0.093% |  |
| 328 | 14.247 | 14.242 | 14.272 | VV | 4117   | 46814   | 1.39%  | 0.024% |  |
| 329 | 14.299 | 14.272 | 14.342 | PV | 20818  | 361678  | 10.71% | 0.183% |  |
| 330 | 14.364 | 14.342 | 14.379 | VV | 4453   | 76647   | 2.27%  | 0.039% |  |
| 331 | 14.396 | 14.379 | 14.411 | VV | 7688   | 112784  | 3.34%  | 0.057% |  |
| 332 | 14.424 | 14.411 | 14.447 | VV | 7451   | 110753  | 3.28%  | 0.056% |  |
| 333 | 14.465 | 14.447 | 14.483 | VV | 6538   | 95253   | 2.82%  | 0.048% |  |
| 334 | 14.491 | 14.483 | 14.504 | VV | 4645   | 47361   | 1.40%  | 0.024% |  |
| 335 | 14.522 | 14.504 | 14.541 | VV | 4873   | 85649   | 2.54%  | 0.043% |  |
| 336 | 14.562 | 14.541 | 14.574 | VV | 5911   | 92401   | 2.74%  | 0.047% |  |
| 337 | 14.584 | 14.574 | 14.601 | VV | 6975   | 87151   | 2.58%  | 0.044% |  |
| 338 | 14.637 | 14.601 | 14.672 | VV | 186312 | 2648476 | 78.41% | 1.343% |  |
| 339 | 14.694 | 14.672 | 14.701 | VV | 5584   | 74925   | 2.22%  | 0.038% |  |
| 340 | 14.729 | 14.701 | 14.738 | VV | 5996   | 108829  | 3.22%  | 0.055% |  |
| 341 | 14.743 | 14.738 | 14.752 | VV | 5779   | 46578   | 1.38%  | 0.024% |  |
| 342 | 14.772 | 14.752 | 14.794 | VV | 10086  | 168731  | 5.00%  | 0.086% |  |
| 343 | 14.814 | 14.794 | 14.821 | VV | 10732  | 118551  | 3.51%  | 0.060% |  |
| 344 | 14.839 | 14.821 | 14.870 | VV | 20577  | 345390  | 10.23% | 0.175% |  |
| 345 | 14.885 | 14.870 | 14.904 | VV | 6867   | 104755  | 3.10%  | 0.053% |  |
| 346 | 14.932 | 14.904 | 14.948 | VV | 6319   | 126351  | 3.74%  | 0.064% |  |
| 347 | 14.954 | 14.948 | 14.960 | VV | 4910   | 30555   | 0.90%  | 0.015% |  |
| 348 | 14.977 | 14.960 | 14.992 | VV | 6125   | 84279   | 2.50%  | 0.043% |  |
| 349 | 15.042 | 14.992 | 15.054 | VV | 4631   | 128422  | 3.80%  | 0.065% |  |
| 350 | 15.059 | 15.054 | 15.062 | VV | 3359   | 14336   | 0.42%  | 0.007% |  |
| 351 | 15.087 | 15.062 | 15.104 | VV | 7701   | 124800  | 3.69%  | 0.063% |  |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 352 | 15.120 | 15.104 | 15.125 | VV | 3666   | 40838   | 1.21%  | 0.021% |
| 353 | 15.144 | 15.125 | 15.152 | VV | 4611   | 64666   | 1.91%  | 0.033% |
| 354 | 15.157 | 15.152 | 15.178 | VV | 4592   | 51959   | 1.54%  | 0.026% |
| 355 | 15.223 | 15.178 | 15.259 | VV | 47285  | 765129  | 22.65% | 0.388% |
| 356 | 15.275 | 15.259 | 15.302 | VV | 5891   | 115372  | 3.42%  | 0.059% |
| 357 | 15.310 | 15.302 | 15.339 | VV | 3925   | 69452   | 2.06%  | 0.035% |
| 358 | 15.361 | 15.339 | 15.398 | VV | 20222  | 310550  | 9.19%  | 0.157% |
| 359 | 15.448 | 15.398 | 15.468 | VV | 16727  | 333247  | 9.87%  | 0.169% |
| 360 | 15.486 | 15.468 | 15.523 | VV | 8024   | 130907  | 3.88%  | 0.066% |
| 361 | 15.546 | 15.523 | 15.550 | PV | 3719   | 36061   | 1.07%  | 0.018% |
| 362 | 15.558 | 15.550 | 15.563 | VV | 5573   | 32982   | 0.98%  | 0.017% |
| 363 | 15.620 | 15.563 | 15.632 | VV | 8928   | 290524  | 8.60%  | 0.147% |
| 364 | 15.639 | 15.632 | 15.659 | VV | 4602   | 62043   | 1.84%  | 0.031% |
| 365 | 15.665 | 15.659 | 15.670 | VV | 5316   | 31074   | 0.92%  | 0.016% |
| 366 | 15.681 | 15.670 | 15.709 | VV | 8610   | 135239  | 4.00%  | 0.069% |
| 367 | 15.735 | 15.709 | 15.769 | VV | 8391   | 218018  | 6.45%  | 0.111% |
| 368 | 15.778 | 15.769 | 15.803 | VV | 7304   | 125501  | 3.72%  | 0.064% |
| 369 | 15.818 | 15.803 | 15.827 | VV | 7846   | 92809   | 2.75%  | 0.047% |
| 370 | 15.863 | 15.827 | 15.887 | VV | 20257  | 415738  | 12.31% | 0.211% |
| 371 | 15.892 | 15.887 | 15.903 | VV | 8266   | 61214   | 1.81%  | 0.031% |
| 372 | 15.921 | 15.903 | 15.926 | VV | 8716   | 96593   | 2.86%  | 0.049% |
| 373 | 15.965 | 15.926 | 15.982 | VV | 9182   | 272328  | 8.06%  | 0.138% |
| 374 | 15.989 | 15.982 | 15.994 | VV | 8629   | 52031   | 1.54%  | 0.026% |
| 375 | 16.045 | 15.994 | 16.048 | VV | 14454  | 297129  | 8.80%  | 0.151% |
| 376 | 16.059 | 16.048 | 16.072 | VV | 15807  | 204999  | 6.07%  | 0.104% |
| 377 | 16.078 | 16.072 | 16.086 | VV | 13685  | 105131  | 3.11%  | 0.053% |
| 378 | 16.089 | 16.086 | 16.110 | VV | 13693  | 163481  | 4.84%  | 0.083% |
| 379 | 16.154 | 16.110 | 16.167 | VV | 15245  | 434763  | 12.87% | 0.220% |
| 380 | 16.175 | 16.167 | 16.190 | VV | 15071  | 194034  | 5.74%  | 0.098% |
| 381 | 16.204 | 16.190 | 16.209 | VV | 16139  | 164130  | 4.86%  | 0.083% |
| 382 | 16.219 | 16.209 | 16.224 | VV | 16850  | 144795  | 4.29%  | 0.073% |
| 383 | 16.257 | 16.224 | 16.284 | VV | 19966  | 597791  | 17.70% | 0.303% |
| 384 | 16.311 | 16.284 | 16.320 | VV | 17402  | 313329  | 9.28%  | 0.159% |
| 385 | 16.346 | 16.320 | 16.382 | VV | 31845  | 782051  | 23.15% | 0.397% |
| 386 | 16.414 | 16.382 | 16.423 | VV | 18045  | 387935  | 11.49% | 0.197% |
| 387 | 16.437 | 16.423 | 16.444 | VV | 17654  | 208832  | 6.18%  | 0.106% |
| 388 | 16.491 | 16.444 | 16.501 | VV | 21455  | 662138  | 19.60% | 0.336% |
| 389 | 16.520 | 16.501 | 16.527 | VV | 21033  | 308430  | 9.13%  | 0.156% |
| 390 | 16.538 | 16.527 | 16.549 | VV | 19938  | 251822  | 7.46%  | 0.128% |
| 391 | 16.564 | 16.549 | 16.593 | VV | 22046  | 517651  | 15.33% | 0.263% |
| 392 | 16.658 | 16.593 | 16.697 | VV | 32639  | 1479035 | 43.79% | 0.750% |
| 393 | 16.715 | 16.697 | 16.733 | VV | 24219  | 476331  | 14.10% | 0.242% |
| 394 | 16.766 | 16.733 | 16.772 | VV | 22075  | 465904  | 13.79% | 0.236% |
| 395 | 16.813 | 16.772 | 16.861 | VV | 39309  | 1591008 | 47.10% | 0.807% |
| 396 | 16.863 | 16.861 | 16.888 | VV | 30340  | 412903  | 12.22% | 0.209% |
| 397 | 16.952 | 16.888 | 16.965 | VV | 29486  | 1236051 | 36.59% | 0.627% |
| 398 | 16.971 | 16.965 | 16.978 | VV | 26582  | 194161  | 5.75%  | 0.098% |
| 399 | 16.997 | 16.978 | 17.002 | VV | 29302  | 395204  | 11.70% | 0.200% |
| 400 | 17.052 | 17.002 | 17.089 | VV | 40429  | 1824521 | 54.02% | 0.925% |
| 401 | 17.094 | 17.089 | 17.099 | VV | 33773  | 193634  | 5.73%  | 0.098% |
| 402 | 17.121 | 17.099 | 17.125 | VV | 34894  | 541998  | 16.05% | 0.275% |
| 403 | 17.142 | 17.125 | 17.166 | VV | 39380  | 914195  | 27.07% | 0.464% |
| 404 | 17.174 | 17.166 | 17.179 | VV | 36831  | 283313  | 8.39%  | 0.144% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 405 | 17.199 | 17.179 | 17.204 | VV | 42353  | 602010  | 17.82% | 0.305% |
| 406 | 17.224 | 17.204 | 17.230 | VV | 51318  | 703534  | 20.83% | 0.357% |
| 407 | 17.253 | 17.230 | 17.292 | VV | 53960  | 1866052 | 55.25% | 0.946% |
| 408 | 17.297 | 17.292 | 17.302 | VV | 44038  | 257446  | 7.62%  | 0.131% |
| 409 | 17.313 | 17.302 | 17.317 | VV | 43806  | 385290  | 11.41% | 0.195% |
| 410 | 17.334 | 17.317 | 17.354 | VV | 44114  | 927514  | 27.46% | 0.470% |
| 411 | 17.386 | 17.354 | 17.416 | VV | 53750  | 1721973 | 50.98% | 0.873% |
| 412 | 17.438 | 17.416 | 17.456 | VV | 46259  | 1064372 | 31.51% | 0.540% |
| 413 | 17.464 | 17.456 | 17.491 | VV | 43795  | 866468  | 25.65% | 0.439% |
| 414 | 17.502 | 17.491 | 17.526 | VV | 40636  | 835874  | 24.75% | 0.424% |
| 415 | 17.535 | 17.526 | 17.542 | VV | 38922  | 351353  | 10.40% | 0.178% |
| 416 | 17.559 | 17.542 | 17.579 | VV | 39733  | 857032  | 25.37% | 0.435% |
| 417 | 17.605 | 17.579 | 17.624 | VV | 45247  | 1113619 | 32.97% | 0.565% |
| 418 | 17.632 | 17.624 | 17.657 | VV | 42168  | 806477  | 23.88% | 0.409% |
| 419 | 17.700 | 17.657 | 17.729 | VV | 57481  | 2008518 | 59.46% | 1.019% |
| 420 | 17.743 | 17.729 | 17.761 | VV | 46136  | 827990  | 24.51% | 0.420% |
| 421 | 17.781 | 17.761 | 17.802 | VV | 49001  | 1173123 | 34.73% | 0.595% |
| 422 | 17.854 | 17.802 | 17.862 | VV | 54772  | 1780410 | 52.71% | 0.903% |
| 423 | 17.875 | 17.862 | 17.904 | VV | 57174  | 1384247 | 40.98% | 0.702% |
| 424 | 17.911 | 17.904 | 17.917 | VV | 54704  | 430734  | 12.75% | 0.218% |
| 425 | 17.949 | 17.917 | 17.964 | VV | 61387  | 1625406 | 48.12% | 0.824% |
| 426 | 17.974 | 17.964 | 17.982 | VV | 59102  | 637419  | 18.87% | 0.323% |
| 427 | 17.994 | 17.982 | 18.004 | VV | 59979  | 761121  | 22.53% | 0.386% |
| 428 | 18.031 | 18.004 | 18.036 | VV | 63269  | 1159660 | 34.33% | 0.588% |
| 429 | 18.063 | 18.036 | 18.079 | VV | 72636  | 1747349 | 51.73% | 0.886% |
| 430 | 18.084 | 18.079 | 18.109 | VV | 65266  | 1124677 | 33.30% | 0.570% |
| 431 | 18.124 | 18.109 | 18.166 | VV | 66285  | 2062318 | 61.06% | 1.046% |
| 432 | 18.180 | 18.166 | 18.193 | VV | 60210  | 921120  | 27.27% | 0.467% |
| 433 | 18.222 | 18.193 | 18.239 | VV | 64419  | 1646477 | 48.75% | 0.835% |
| 434 | 18.264 | 18.239 | 18.277 | VV | 64329  | 1398592 | 41.41% | 0.709% |
| 435 | 18.285 | 18.277 | 18.300 | VV | 61871  | 794694  | 23.53% | 0.403% |
| 436 | 18.348 | 18.300 | 18.362 | VV | 78606  | 2478688 | 73.38% | 1.257% |
| 437 | 18.367 | 18.362 | 18.379 | VV | 66605  | 640225  | 18.95% | 0.325% |
| 438 | 18.386 | 18.379 | 18.393 | VV | 67496  | 568019  | 16.82% | 0.288% |
| 439 | 18.405 | 18.393 | 18.411 | VV | 68683  | 702466  | 20.80% | 0.356% |
| 440 | 18.424 | 18.411 | 18.441 | VV | 74630  | 1265160 | 37.46% | 0.642% |
| 441 | 18.447 | 18.441 | 18.457 | VV | 68303  | 671093  | 19.87% | 0.340% |
| 442 | 18.464 | 18.457 | 18.476 | VV | 68541  | 730021  | 21.61% | 0.370% |
| 443 | 18.488 | 18.476 | 18.499 | VV | 71407  | 965386  | 28.58% | 0.490% |
| 444 | 18.532 | 18.499 | 18.564 | VV | 78167  | 2745716 | 81.29% | 1.393% |
| 445 | 18.592 | 18.564 | 18.613 | VV | 67403  | 1916220 | 56.73% | 0.972% |
| 446 | 18.625 | 18.613 | 18.631 | VV | 69017  | 722484  | 21.39% | 0.366% |
| 447 | 18.656 | 18.631 | 18.671 | VV | 71648  | 1657130 | 49.06% | 0.840% |
| 448 | 18.699 | 18.671 | 18.732 | VV | 74173  | 2550435 | 75.51% | 1.293% |
| 449 | 18.746 | 18.732 | 18.761 | VV | 66213  | 1108400 | 32.82% | 0.562% |
| 450 | 18.780 | 18.761 | 18.787 | VV | 69739  | 1063641 | 31.49% | 0.539% |
| 451 | 18.801 | 18.787 | 18.814 | VV | 71407  | 1141346 | 33.79% | 0.579% |
| 452 | 18.819 | 18.814 | 18.827 | VV | 69127  | 506087  | 14.98% | 0.257% |
| 453 | 18.853 | 18.827 | 18.859 | VV | 75741  | 1379091 | 40.83% | 0.699% |
| 454 | 18.863 | 18.859 | 18.887 | VV | 75501  | 1193578 | 35.34% | 0.605% |
| 455 | 18.894 | 18.887 | 18.915 | VV | 71521  | 1175884 | 34.81% | 0.596% |
| 456 | 18.934 | 18.915 | 18.941 | VV | 76975  | 1132175 | 33.52% | 0.574% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 457    | 18.949 | 18.941 | 18.960 | VV | 74791  | 844397  | 25.00%  | 0.428% |
| 458    | 18.976 | 18.960 | 18.991 | VV | 75840  | 1354892 | 40.11%  | 0.687% |
| 459    | 18.996 | 18.991 | 19.004 | VV | 71504  | 552846  | 16.37%  | 0.280% |
| 460    | 19.040 | 19.004 | 19.059 | VV | 78952  | 2400434 | 71.07%  | 1.217% |
| 461    | 19.067 | 19.059 | 19.091 | VV | 68160  | 1222798 | 36.20%  | 0.620% |
| 462    | 19.096 | 19.091 | 19.123 | VV | 63091  | 1143602 | 33.86%  | 0.580% |
| 463    | 19.134 | 19.123 | 19.144 | VV | 59961  | 715816  | 21.19%  | 0.363% |
| 464    | 19.149 | 19.144 | 19.153 | VV | 59633  | 329302  | 9.75%   | 0.167% |
| 465    | 19.165 | 19.153 | 19.170 | VV | 59979  | 609113  | 18.03%  | 0.309% |
| 466    | 19.196 | 19.170 | 19.201 | VV | 65563  | 1180226 | 34.94%  | 0.599% |
| 467    | 19.204 | 19.201 | 19.209 | VV | 64153  | 271278  | 8.03%   | 0.138% |
| 468    | 19.227 | 19.209 | 19.233 | VV | 68583  | 965204  | 28.58%  | 0.490% |
| 469    | 19.247 | 19.233 | 19.252 | VV | 73014  | 810748  | 24.00%  | 0.411% |
| 470    | 19.292 | 19.252 | 19.299 | VV | 81662  | 2185874 | 64.71%  | 1.109% |
| 471    | 19.316 | 19.299 | 19.336 | VV | 87550  | 1861625 | 55.11%  | 0.944% |
| 472    | 19.343 | 19.336 | 19.359 | VV | 82438  | 1098533 | 32.52%  | 0.557% |
| 473    | 19.366 | 19.359 | 19.376 | VV | 82616  | 819651  | 24.27%  | 0.416% |
| 474    | 19.387 | 19.376 | 19.417 | VV | 82502  | 1913978 | 56.66%  | 0.971% |
| 475    | 19.423 | 19.417 | 19.453 | VV | 73962  | 1475369 | 43.68%  | 0.748% |
| 476    | 19.457 | 19.453 | 19.469 | VV | 63278  | 551910  | 16.34%  | 0.280% |
| 477    | 19.484 | 19.469 | 19.494 | VV | 60188  | 874770  | 25.90%  | 0.444% |
| 478    | 19.501 | 19.494 | 19.506 | VV | 62107  | 460302  | 13.63%  | 0.233% |
| 479    | 19.525 | 19.506 | 19.547 | VV | 66432  | 1568971 | 46.45%  | 0.796% |
| 480    | 19.591 | 19.547 | 19.599 | VV | 76249  | 2188401 | 64.79%  | 1.110% |
| 481    | 19.604 | 19.599 | 19.612 | VV | 76288  | 607926  | 18.00%  | 0.308% |
| 482    | 19.647 | 19.612 | 19.655 | VV | 77923  | 1888555 | 55.91%  | 0.958% |
| 483    | 19.681 | 19.655 | 19.692 | VV | 82777  | 1789454 | 52.98%  | 0.908% |
| 484    | 19.704 | 19.692 | 19.714 | VV | 82807  | 1051320 | 31.13%  | 0.533% |
| 485    | 19.721 | 19.714 | 19.726 | VV | 81282  | 554317  | 16.41%  | 0.281% |
| 486    | 19.731 | 19.726 | 19.735 | VV | 79488  | 441262  | 13.06%  | 0.224% |
| 487    | 19.743 | 19.735 | 19.760 | VV | 80858  | 1161772 | 34.40%  | 0.589% |
| 488    | 19.777 | 19.760 | 19.790 | VV | 80430  | 1415417 | 41.90%  | 0.718% |
| 489    | 19.797 | 19.790 | 19.815 | VV | 77120  | 1097566 | 32.49%  | 0.557% |
| 490    | 19.831 | 19.815 | 19.862 | VV | 79024  | 2099566 | 62.16%  | 1.065% |
| 491    | 19.881 | 19.862 | 19.886 | VV | 74030  | 1035901 | 30.67%  | 0.525% |
| 492    | 19.892 | 19.886 | 19.904 | VV | 74041  | 773727  | 22.91%  | 0.392% |
| 493    | 19.950 | 19.904 | 19.964 | VV | 84267  | 2839828 | 84.08%  | 1.440% |
| 494    | 19.972 | 19.964 | 19.988 | VV | 81703  | 1174043 | 34.76%  | 0.595% |
| 495    | 19.998 | 19.988 | 20.010 | VV | 83132  | 1075152 | 31.83%  | 0.545% |
| 496    | 20.017 | 20.010 | 20.025 | VV | 83509  | 697278  | 20.64%  | 0.354% |
| 497    | 20.029 | 20.025 | 20.035 | VV | 81296  | 510889  | 15.13%  | 0.259% |
| 498    | 20.059 | 20.035 | 20.089 | VV | 84675  | 2655260 | 78.61%  | 1.347% |
| 499    | 20.096 | 20.089 | 20.103 | VV | 84839  | 708039  | 20.96%  | 0.359% |
| 500    | 20.122 | 20.103 | 20.140 | VV | 86315  | 1794194 | 53.12%  | 0.910% |
| 501    | 20.160 | 20.140 | 20.181 | VV | 86906  | 2028569 | 60.06%  | 1.029% |
| 502    | 20.185 | 20.181 | 20.195 | VV | 77823  | 632671  | 18.73%  | 0.321% |
| 503    | 20.234 | 20.195 | 20.247 | VV | 79945  | 2368289 | 70.12%  | 1.201% |
| 504    | 20.303 | 20.247 | 20.312 | VV | 102460 | 3377714 | 100.00% | 1.713% |
| 505    | 20.327 | 20.312 | 20.339 | VV | 108198 | 1675960 | 49.62%  | 0.850% |
| 506    | 20.361 | 20.339 | 20.381 | VV | 108909 | 2620870 | 77.59%  | 1.329% |
| 507    | 20.387 | 20.381 | 20.444 | VV | 99443  | 3227012 | 95.54%  | 1.637% |
| 508    | 20.461 | 20.444 | 20.478 | VV | 69704  | 1350390 | 39.98%  | 0.685% |

Sum of corrected areas: 197174969

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