

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF090919\  
 Data File : FF005477.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Sep 2019 10:32  
 Sample : K4762-04 2X  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF090319.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         | 2.357       | 2.324        | 2.390      | BV       | 74             | 728          | 0.03%          | 0.001%        |
| 2         | 2.399       | 2.390        | 2.407      | VV       | 130            | 790          | 0.03%          | 0.001%        |
| 3         | 2.413       | 2.407        | 2.431      | PV       | 80             | 1348         | 0.05%          | 0.001%        |
| 4         | 2.444       | 2.431        | 2.478      | VV       | 212            | 4429         | 0.17%          | 0.004%        |
| 5         | 2.494       | 2.478        | 2.521      | VV       | 432            | 6570         | 0.24%          | 0.006%        |
| 6         | 2.530       | 2.521        | 2.546      | VV       | 473            | 4188         | 0.16%          | 0.004%        |
| 7         | 2.552       | 2.546        | 2.577      | PV       | 175            | 967          | 0.04%          | 0.001%        |
| 8         | 2.588       | 2.577        | 2.599      | VV       | 306            | 2379         | 0.09%          | 0.002%        |
| 9         | 2.610       | 2.599        | 2.648      | VV       | 198            | 3363         | 0.13%          | 0.003%        |
| 10        | 2.654       | 2.648        | 2.705      | VV       | 158            | 2448         | 0.09%          | 0.002%        |
| 11        | 2.719       | 2.705        | 2.725      | VV       | 250            | 1528         | 0.06%          | 0.001%        |
| 12        | 2.734       | 2.725        | 2.766      | VV       | 223            | 2707         | 0.10%          | 0.002%        |
| 13        | 2.809       | 2.766        | 2.846      | PV       | 583            | 10407        | 0.39%          | 0.009%        |
| 14        | 2.850       | 2.846        | 2.859      | VV       | 157            | 956          | 0.04%          | 0.001%        |
| 15        | 2.882       | 2.859        | 2.894      | PV       | 261            | 3333         | 0.12%          | 0.003%        |
| 16        | 2.905       | 2.894        | 2.928      | VV       | 264            | 4021         | 0.15%          | 0.003%        |
| 17        | 2.932       | 2.928        | 2.962      | VV       | 171            | 2283         | 0.09%          | 0.002%        |
| 18        | 2.968       | 2.962        | 2.975      | VV       | 148            | 922          | 0.03%          | 0.001%        |
| 19        | 2.983       | 2.975        | 2.989      | VV       | 231            | 1413         | 0.05%          | 0.001%        |
| 20        | 2.991       | 2.989        | 2.995      | VV       | 267            | 490          | 0.02%          | 0.000%        |
| 21        | 3.001       | 2.995        | 3.019      | VV       | 169            | 1526         | 0.06%          | 0.001%        |
| 22        | 3.029       | 3.019        | 3.078      | VV       | 461            | 6490         | 0.24%          | 0.006%        |
| 23        | 3.091       | 3.078        | 3.095      | VV       | 229            | 1846         | 0.07%          | 0.002%        |
| 24        | 3.102       | 3.095        | 3.118      | VV       | 240            | 2243         | 0.08%          | 0.002%        |
| 25        | 3.124       | 3.118        | 3.149      | VV       | 226            | 1517         | 0.06%          | 0.001%        |
| 26        | 3.154       | 3.149        | 3.167      | VV       | 81             | 418          | 0.02%          | 0.000%        |
| 27        | 3.176       | 3.167        | 3.194      | PV       | 193            | 1915         | 0.07%          | 0.002%        |
| 28        | 3.227       | 3.194        | 3.265      | VV       | 467            | 9441         | 0.35%          | 0.008%        |
| 29        | 3.281       | 3.265        | 3.314      | VV       | 554            | 7893         | 0.29%          | 0.007%        |
| 30        | 3.320       | 3.314        | 3.351      | VV       | 189            | 1769         | 0.07%          | 0.002%        |
| 31        | 3.357       | 3.351        | 3.372      | PV       | 111            | 776          | 0.03%          | 0.001%        |
| 32        | 3.379       | 3.372        | 3.391      | VV       | 139            | 1322         | 0.05%          | 0.001%        |
| 33        | 3.404       | 3.391        | 3.417      | VV       | 268            | 2159         | 0.08%          | 0.002%        |
| 34        | 3.428       | 3.417        | 3.440      | VV       | 178            | 1800         | 0.07%          | 0.002%        |
| 35        | 3.449       | 3.440        | 3.453      | VV       | 167            | 877          | 0.03%          | 0.001%        |
| 36        | 3.465       | 3.453        | 3.505      | VV       | 224            | 4093         | 0.15%          | 0.004%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 3.513 | 3.505 | 3.524 | PV | 161    | 832    | 0.03% | 0.001% |
| 38 | 3.545 | 3.524 | 3.562 | VV | 370    | 5500   | 0.21% | 0.005% |
| 39 | 3.577 | 3.562 | 3.639 | VV | 812    | 14909  | 0.56% | 0.013% |
| 40 | 3.659 | 3.639 | 3.679 | VV | 616    | 7260   | 0.27% | 0.006% |
| 41 | 3.684 | 3.679 | 3.703 | VV | 387    | 2400   | 0.09% | 0.002% |
| 42 | 3.728 | 3.703 | 3.737 | VV | 220    | 3580   | 0.13% | 0.003% |
| 43 | 3.744 | 3.737 | 3.762 | VV | 240    | 2411   | 0.09% | 0.002% |
| 44 | 3.774 | 3.762 | 3.810 | VV | 317    | 4518   | 0.17% | 0.004% |
| 45 | 3.819 | 3.810 | 3.842 | VV | 211    | 1977   | 0.07% | 0.002% |
| 46 | 3.862 | 3.842 | 3.916 | PV | 370    | 7282   | 0.27% | 0.006% |
| 47 | 3.960 | 3.916 | 4.038 | PV | 4558   | 132357 | 4.93% | 0.115% |
| 48 | 4.043 | 4.038 | 4.085 | VV | 1257   | 24366  | 0.91% | 0.021% |
| 49 | 4.091 | 4.085 | 4.096 | VV | 717    | 4709   | 0.18% | 0.004% |
| 50 | 4.117 | 4.096 | 4.137 | VV | 875    | 17247  | 0.64% | 0.015% |
| 51 | 4.156 | 4.137 | 4.205 | VV | 660    | 21845  | 0.81% | 0.019% |
| 52 | 4.210 | 4.205 | 4.225 | VV | 474    | 4541   | 0.17% | 0.004% |
| 53 | 4.228 | 4.225 | 4.236 | VV | 378    | 2085   | 0.08% | 0.002% |
| 54 | 4.244 | 4.236 | 4.257 | VV | 319    | 3912   | 0.15% | 0.003% |
| 55 | 4.262 | 4.257 | 4.271 | VV | 367    | 2863   | 0.11% | 0.002% |
| 56 | 4.283 | 4.271 | 4.287 | VV | 308    | 2483   | 0.09% | 0.002% |
| 57 | 4.297 | 4.287 | 4.334 | VV | 408    | 8103   | 0.30% | 0.007% |
| 58 | 4.350 | 4.334 | 4.372 | VV | 1395   | 16804  | 0.63% | 0.015% |
| 59 | 4.381 | 4.372 | 4.419 | VV | 321    | 7956   | 0.30% | 0.007% |
| 60 | 4.421 | 4.419 | 4.440 | VV | 417    | 4237   | 0.16% | 0.004% |
| 61 | 4.452 | 4.440 | 4.471 | VV | 384    | 5693   | 0.21% | 0.005% |
| 62 | 4.500 | 4.471 | 4.529 | VV | 1445   | 20631  | 0.77% | 0.018% |
| 63 | 4.533 | 4.529 | 4.535 | VV | 341    | 1271   | 0.05% | 0.001% |
| 64 | 4.548 | 4.535 | 4.565 | VV | 490    | 6901   | 0.26% | 0.006% |
| 65 | 4.574 | 4.565 | 4.588 | VV | 415    | 4728   | 0.18% | 0.004% |
| 66 | 4.606 | 4.588 | 4.619 | VV | 549    | 7090   | 0.26% | 0.006% |
| 67 | 4.634 | 4.619 | 4.674 | VV | 510    | 9209   | 0.34% | 0.008% |
| 68 | 4.687 | 4.674 | 4.711 | VV | 208    | 2847   | 0.11% | 0.002% |
| 69 | 4.733 | 4.711 | 4.747 | VV | 465    | 5864   | 0.22% | 0.005% |
| 70 | 4.762 | 4.747 | 4.799 | VV | 275    | 5995   | 0.22% | 0.005% |
| 71 | 4.822 | 4.799 | 4.850 | VV | 429    | 6478   | 0.24% | 0.006% |
| 72 | 4.863 | 4.850 | 4.867 | VV | 150    | 773    | 0.03% | 0.001% |
| 73 | 4.876 | 4.867 | 4.921 | VV | 141    | 3079   | 0.11% | 0.003% |
| 74 | 4.946 | 4.921 | 4.967 | VV | 418    | 7308   | 0.27% | 0.006% |
| 75 | 4.992 | 4.967 | 5.020 | VV | 321    | 6948   | 0.26% | 0.006% |
| 76 | 5.038 | 5.020 | 5.055 | VV | 550    | 6752   | 0.25% | 0.006% |
| 77 | 5.069 | 5.055 | 5.088 | VV | 611    | 7367   | 0.27% | 0.006% |
| 78 | 5.092 | 5.088 | 5.134 | VV | 489    | 6443   | 0.24% | 0.006% |
| 79 | 5.159 | 5.134 | 5.175 | PV | 213    | 3251   | 0.12% | 0.003% |
| 80 | 5.192 | 5.175 | 5.204 | VV | 203    | 2558   | 0.10% | 0.002% |
| 81 | 5.217 | 5.204 | 5.237 | VV | 357    | 5251   | 0.20% | 0.005% |
| 82 | 5.245 | 5.237 | 5.251 | VV | 259    | 1979   | 0.07% | 0.002% |
| 83 | 5.254 | 5.251 | 5.261 | VV | 234    | 1105   | 0.04% | 0.001% |
| 84 | 5.278 | 5.261 | 5.296 | VV | 913    | 9335   | 0.35% | 0.008% |
| 85 | 5.305 | 5.296 | 5.312 | VV | 236    | 1584   | 0.06% | 0.001% |
| 86 | 5.315 | 5.312 | 5.331 | VV | 191    | 1408   | 0.05% | 0.001% |
| 87 | 5.334 | 5.331 | 5.341 | VV | 146    | 664    | 0.02% | 0.001% |
| 88 | 5.346 | 5.341 | 5.367 | VV | 160    | 1080   | 0.04% | 0.001% |
| 89 | 5.389 | 5.367 | 5.400 | VV | 960    | 9687   | 0.36% | 0.008% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 5.411 | 5.400 | 5.431 | VV | 910    | 9693   | 0.36% | 0.008% |
| 91  | 5.447 | 5.431 | 5.465 | VV | 939    | 10398  | 0.39% | 0.009% |
| 92  | 5.470 | 5.465 | 5.496 | VV | 200    | 1768   | 0.07% | 0.002% |
| 93  | 5.514 | 5.496 | 5.523 | PV | 315    | 3366   | 0.13% | 0.003% |
| 94  | 5.527 | 5.523 | 5.532 | VV | 243    | 1112   | 0.04% | 0.001% |
| 95  | 5.540 | 5.532 | 5.545 | VV | 239    | 1460   | 0.05% | 0.001% |
| 96  | 5.571 | 5.545 | 5.606 | VV | 1806   | 25359  | 0.95% | 0.022% |
| 97  | 5.627 | 5.606 | 5.664 | VV | 451    | 8980   | 0.33% | 0.008% |
| 98  | 5.684 | 5.664 | 5.717 | VV | 505    | 10136  | 0.38% | 0.009% |
| 99  | 5.738 | 5.717 | 5.748 | VV | 375    | 4896   | 0.18% | 0.004% |
| 100 | 5.753 | 5.748 | 5.772 | VV | 387    | 4163   | 0.16% | 0.004% |
| 101 | 5.786 | 5.772 | 5.792 | VV | 571    | 5388   | 0.20% | 0.005% |
| 102 | 5.798 | 5.792 | 5.823 | VV | 608    | 6535   | 0.24% | 0.006% |
| 103 | 5.844 | 5.823 | 5.863 | PV | 655    | 10281  | 0.38% | 0.009% |
| 104 | 5.902 | 5.863 | 5.924 | VV | 1791   | 34249  | 1.28% | 0.030% |
| 105 | 5.942 | 5.924 | 5.959 | VV | 1068   | 18496  | 0.69% | 0.016% |
| 106 | 5.985 | 5.959 | 6.000 | VV | 1414   | 26876  | 1.00% | 0.023% |
| 107 | 6.035 | 6.000 | 6.061 | VV | 2337   | 50037  | 1.87% | 0.043% |
| 108 | 6.084 | 6.061 | 6.103 | VV | 2182   | 39017  | 1.45% | 0.034% |
| 109 | 6.127 | 6.103 | 6.155 | VV | 1692   | 46811  | 1.75% | 0.041% |
| 110 | 6.176 | 6.155 | 6.194 | VV | 2026   | 35260  | 1.31% | 0.031% |
| 111 | 6.208 | 6.194 | 6.228 | VV | 1544   | 27053  | 1.01% | 0.023% |
| 112 | 6.263 | 6.228 | 6.280 | VV | 2914   | 67413  | 2.51% | 0.058% |
| 113 | 6.293 | 6.280 | 6.310 | VV | 2640   | 41092  | 1.53% | 0.036% |
| 114 | 6.326 | 6.310 | 6.341 | VV | 3067   | 42705  | 1.59% | 0.037% |
| 115 | 6.346 | 6.341 | 6.354 | VV | 1808   | 13722  | 0.51% | 0.012% |
| 116 | 6.371 | 6.354 | 6.401 | VV | 3523   | 63725  | 2.38% | 0.055% |
| 117 | 6.419 | 6.401 | 6.444 | VV | 1944   | 42490  | 1.58% | 0.037% |
| 118 | 6.462 | 6.444 | 6.477 | VV | 2613   | 38782  | 1.45% | 0.034% |
| 119 | 6.480 | 6.477 | 6.487 | VV | 2016   | 11552  | 0.43% | 0.010% |
| 120 | 6.521 | 6.487 | 6.537 | VV | 4434   | 89017  | 3.32% | 0.077% |
| 121 | 6.559 | 6.537 | 6.581 | VV | 3528   | 70712  | 2.64% | 0.061% |
| 122 | 6.594 | 6.581 | 6.603 | VV | 1992   | 24119  | 0.90% | 0.021% |
| 123 | 6.611 | 6.603 | 6.617 | VV | 2007   | 15548  | 0.58% | 0.013% |
| 124 | 6.634 | 6.617 | 6.667 | VV | 3192   | 71154  | 2.65% | 0.062% |
| 125 | 6.696 | 6.667 | 6.720 | VV | 3643   | 90046  | 3.36% | 0.078% |
| 126 | 6.731 | 6.720 | 6.743 | VV | 2799   | 35368  | 1.32% | 0.031% |
| 127 | 6.771 | 6.743 | 6.789 | VV | 3485   | 80174  | 2.99% | 0.069% |
| 128 | 6.799 | 6.789 | 6.808 | VV | 2533   | 28250  | 1.05% | 0.024% |
| 129 | 6.831 | 6.808 | 6.848 | VV | 4434   | 81464  | 3.04% | 0.071% |
| 130 | 6.866 | 6.848 | 6.880 | VV | 4698   | 75267  | 2.81% | 0.065% |
| 131 | 6.894 | 6.880 | 6.906 | VV | 4756   | 64875  | 2.42% | 0.056% |
| 132 | 6.928 | 6.906 | 6.953 | VV | 6568   | 134140 | 5.00% | 0.116% |
| 133 | 6.981 | 6.953 | 6.997 | VV | 4858   | 102756 | 3.83% | 0.089% |
| 134 | 7.024 | 6.997 | 7.046 | VV | 5187   | 119426 | 4.45% | 0.103% |
| 135 | 7.071 | 7.046 | 7.086 | VV | 7829   | 129080 | 4.81% | 0.112% |
| 136 | 7.092 | 7.086 | 7.111 | VV | 5545   | 69527  | 2.59% | 0.060% |
| 137 | 7.126 | 7.111 | 7.142 | VV | 4967   | 75413  | 2.81% | 0.065% |
| 138 | 7.172 | 7.142 | 7.189 | VV | 6235   | 134021 | 5.00% | 0.116% |
| 139 | 7.198 | 7.189 | 7.209 | VV | 4573   | 53383  | 1.99% | 0.046% |
| 140 | 7.215 | 7.209 | 7.231 | VV | 4405   | 53110  | 1.98% | 0.046% |
| 141 | 7.257 | 7.231 | 7.274 | VV | 5792   | 121243 | 4.52% | 0.105% |

|     |       |       |       |    | rteres |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
| 142 | 7.301 | 7.274 | 7.322 | VV | 5152   | 138059 | 5.15%  | 0.120% |
| 143 | 7.344 | 7.322 | 7.355 | VV | 4914   | 91524  | 3.41%  | 0.079% |
| 144 | 7.363 | 7.355 | 7.372 | VV | 4675   | 46256  | 1.72%  | 0.040% |
| 145 | 7.384 | 7.372 | 7.395 | VV | 5383   | 68429  | 2.55%  | 0.059% |
|     |       |       |       |    |        |        |        |        |
| 146 | 7.424 | 7.395 | 7.437 | VV | 6225   | 138992 | 5.18%  | 0.120% |
| 147 | 7.465 | 7.437 | 7.500 | VV | 7474   | 235377 | 8.78%  | 0.204% |
| 148 | 7.509 | 7.500 | 7.532 | VV | 4973   | 86073  | 3.21%  | 0.075% |
| 149 | 7.552 | 7.532 | 7.563 | VV | 6212   | 98788  | 3.68%  | 0.086% |
| 150 | 7.583 | 7.563 | 7.610 | VV | 11653  | 222178 | 8.28%  | 0.192% |
|     |       |       |       |    |        |        |        |        |
| 151 | 7.630 | 7.610 | 7.656 | VV | 6433   | 155690 | 5.80%  | 0.135% |
| 152 | 7.672 | 7.656 | 7.695 | VV | 6346   | 130598 | 4.87%  | 0.113% |
| 153 | 7.724 | 7.695 | 7.741 | VV | 9727   | 203033 | 7.57%  | 0.176% |
| 154 | 7.772 | 7.741 | 7.786 | VV | 7815   | 194857 | 7.27%  | 0.169% |
| 155 | 7.801 | 7.786 | 7.816 | VV | 7676   | 129083 | 4.81%  | 0.112% |
|     |       |       |       |    |        |        |        |        |
| 156 | 7.824 | 7.816 | 7.835 | VV | 7527   | 83293  | 3.11%  | 0.072% |
| 157 | 7.864 | 7.835 | 7.879 | VV | 8814   | 210393 | 7.84%  | 0.182% |
| 158 | 7.901 | 7.879 | 7.946 | VV | 13744  | 359036 | 13.39% | 0.311% |
| 159 | 7.986 | 7.946 | 8.022 | VV | 12084  | 401449 | 14.97% | 0.348% |
| 160 | 8.043 | 8.022 | 8.063 | VV | 10127  | 219368 | 8.18%  | 0.190% |
|     |       |       |       |    |        |        |        |        |
| 161 | 8.087 | 8.063 | 8.102 | VV | 8328   | 188781 | 7.04%  | 0.164% |
| 162 | 8.112 | 8.102 | 8.118 | VV | 8359   | 76377  | 2.85%  | 0.066% |
| 163 | 8.133 | 8.118 | 8.141 | VV | 8865   | 120761 | 4.50%  | 0.105% |
| 164 | 8.167 | 8.141 | 8.196 | VV | 10373  | 298405 | 11.13% | 0.259% |
| 165 | 8.225 | 8.196 | 8.271 | VV | 33782  | 701884 | 26.17% | 0.608% |
|     |       |       |       |    |        |        |        |        |
| 166 | 8.285 | 8.271 | 8.299 | VV | 10007  | 162050 | 6.04%  | 0.140% |
| 167 | 8.324 | 8.299 | 8.366 | VV | 22926  | 536715 | 20.01% | 0.465% |
| 168 | 8.377 | 8.366 | 8.393 | VV | 8669   | 133940 | 4.99%  | 0.116% |
| 169 | 8.420 | 8.393 | 8.444 | VV | 10283  | 290019 | 10.81% | 0.251% |
| 170 | 8.450 | 8.444 | 8.481 | VV | 9441   | 184253 | 6.87%  | 0.160% |
|     |       |       |       |    |        |        |        |        |
| 171 | 8.499 | 8.481 | 8.506 | VV | 9083   | 125384 | 4.67%  | 0.109% |
| 172 | 8.520 | 8.506 | 8.534 | VV | 10255  | 160879 | 6.00%  | 0.139% |
| 173 | 8.553 | 8.534 | 8.574 | VV | 13039  | 263351 | 9.82%  | 0.228% |
| 174 | 8.583 | 8.574 | 8.600 | VV | 9704   | 144840 | 5.40%  | 0.125% |
| 175 | 8.620 | 8.600 | 8.668 | VV | 21301  | 609094 | 22.71% | 0.528% |
|     |       |       |       |    |        |        |        |        |
| 176 | 8.686 | 8.668 | 8.694 | VV | 17318  | 238070 | 8.88%  | 0.206% |
| 177 | 8.701 | 8.694 | 8.727 | VV | 17828  | 271359 | 10.12% | 0.235% |
| 178 | 8.742 | 8.727 | 8.761 | VV | 9902   | 185415 | 6.91%  | 0.161% |
| 179 | 8.781 | 8.761 | 8.802 | VV | 10892  | 233846 | 8.72%  | 0.203% |
| 180 | 8.818 | 8.802 | 8.832 | VV | 9730   | 164646 | 6.14%  | 0.143% |
|     |       |       |       |    |        |        |        |        |
| 181 | 8.846 | 8.832 | 8.865 | VV | 10359  | 189268 | 7.06%  | 0.164% |
| 182 | 8.885 | 8.865 | 8.894 | VV | 9950   | 154747 | 5.77%  | 0.134% |
| 183 | 8.907 | 8.894 | 8.946 | VV | 10494  | 295246 | 11.01% | 0.256% |
| 184 | 8.953 | 8.946 | 8.962 | VV | 8533   | 80910  | 3.02%  | 0.070% |
| 185 | 8.968 | 8.962 | 8.986 | VV | 8677   | 122309 | 4.56%  | 0.106% |
|     |       |       |       |    |        |        |        |        |
| 186 | 8.996 | 8.986 | 9.022 | VV | 8629   | 182835 | 6.82%  | 0.158% |
| 187 | 9.027 | 9.022 | 9.044 | VV | 8188   | 100653 | 3.75%  | 0.087% |
| 188 | 9.070 | 9.044 | 9.098 | VV | 9811   | 265659 | 9.90%  | 0.230% |
| 189 | 9.117 | 9.098 | 9.156 | VV | 7763   | 248568 | 9.27%  | 0.215% |
| 190 | 9.192 | 9.156 | 9.211 | VV | 7986   | 234153 | 8.73%  | 0.203% |
|     |       |       |       |    |        |        |        |        |
| 191 | 9.225 | 9.211 | 9.242 | VV | 7661   | 139305 | 5.19%  | 0.121% |
| 192 | 9.246 | 9.242 | 9.253 | VV | 7078   | 44634  | 1.66%  | 0.039% |
| 193 | 9.292 | 9.253 | 9.327 | VV | 8974   | 339299 | 12.65% | 0.294% |
| 194 | 9.374 | 9.327 | 9.407 | VV | 12764  | 437091 | 16.30% | 0.379% |

| rteres |        |        |        |    |       |        |        |        |
|--------|--------|--------|--------|----|-------|--------|--------|--------|
| 195    | 9.431  | 9.407  | 9.475  | VV | 10996 | 365370 | 13.62% | 0.317% |
| 196    | 9.485  | 9.475  | 9.501  | VV | 7783  | 119706 | 4.46%  | 0.104% |
| 197    | 9.523  | 9.501  | 9.563  | VV | 9471  | 285052 | 10.63% | 0.247% |
| 198    | 9.597  | 9.563  | 9.617  | VV | 7057  | 215939 | 8.05%  | 0.187% |
| 199    | 9.635  | 9.617  | 9.642  | VV | 6620  | 95229  | 3.55%  | 0.083% |
| 200    | 9.648  | 9.642  | 9.664  | VV | 6668  | 82048  | 3.06%  | 0.071% |
| 201    | 9.679  | 9.664  | 9.694  | VV | 6923  | 118780 | 4.43%  | 0.103% |
| 202    | 9.728  | 9.694  | 9.751  | VV | 8118  | 254566 | 9.49%  | 0.221% |
| 203    | 9.766  | 9.751  | 9.791  | VV | 9556  | 188825 | 7.04%  | 0.164% |
| 204    | 9.798  | 9.791  | 9.802  | VV | 7053  | 49311  | 1.84%  | 0.043% |
| 205    | 9.825  | 9.802  | 9.832  | VV | 7300  | 126870 | 4.73%  | 0.110% |
| 206    | 9.838  | 9.832  | 9.842  | VV | 7097  | 39288  | 1.46%  | 0.034% |
| 207    | 9.850  | 9.842  | 9.856  | VV | 7370  | 61215  | 2.28%  | 0.053% |
| 208    | 9.873  | 9.856  | 9.906  | VV | 7845  | 215188 | 8.02%  | 0.186% |
| 209    | 9.938  | 9.906  | 9.947  | VV | 7510  | 173970 | 6.49%  | 0.151% |
| 210    | 9.953  | 9.947  | 9.957  | VV | 7212  | 44232  | 1.65%  | 0.038% |
| 211    | 9.966  | 9.957  | 9.991  | VV | 7673  | 151322 | 5.64%  | 0.131% |
| 212    | 10.034 | 9.991  | 10.063 | VV | 8738  | 332807 | 12.41% | 0.288% |
| 213    | 10.070 | 10.063 | 10.084 | VV | 7127  | 87284  | 3.25%  | 0.076% |
| 214    | 10.117 | 10.084 | 10.129 | VV | 8296  | 200901 | 7.49%  | 0.174% |
| 215    | 10.154 | 10.129 | 10.184 | VV | 11471 | 305274 | 11.38% | 0.264% |
| 216    | 10.213 | 10.184 | 10.264 | VV | 11500 | 463947 | 17.30% | 0.402% |
| 217    | 10.291 | 10.264 | 10.327 | VV | 13894 | 378701 | 14.12% | 0.328% |
| 218    | 10.351 | 10.327 | 10.381 | VV | 17056 | 364963 | 13.61% | 0.316% |
| 219    | 10.413 | 10.381 | 10.429 | VV | 23404 | 414591 | 15.46% | 0.359% |
| 220    | 10.440 | 10.429 | 10.453 | VV | 15768 | 206451 | 7.70%  | 0.179% |
| 221    | 10.468 | 10.453 | 10.472 | VV | 15561 | 158683 | 5.92%  | 0.137% |
| 222    | 10.482 | 10.472 | 10.524 | VV | 16393 | 372325 | 13.88% | 0.323% |
| 223    | 10.574 | 10.524 | 10.592 | VV | 18838 | 564095 | 21.03% | 0.489% |
| 224    | 10.607 | 10.592 | 10.619 | VV | 17899 | 246463 | 9.19%  | 0.214% |
| 225    | 10.627 | 10.619 | 10.650 | VV | 14869 | 233547 | 8.71%  | 0.202% |
| 226    | 10.671 | 10.650 | 10.692 | VV | 20932 | 352837 | 13.16% | 0.306% |
| 227    | 10.728 | 10.692 | 10.754 | VV | 15993 | 457554 | 17.06% | 0.396% |
| 228    | 10.771 | 10.754 | 10.805 | VV | 12722 | 332290 | 12.39% | 0.288% |
| 229    | 10.843 | 10.805 | 10.864 | VV | 11459 | 367434 | 13.70% | 0.318% |
| 230    | 10.904 | 10.864 | 10.952 | VV | 38729 | 900795 | 33.59% | 0.780% |
| 231    | 10.965 | 10.952 | 10.975 | VV | 10646 | 149649 | 5.58%  | 0.130% |
| 232    | 10.989 | 10.975 | 11.004 | VV | 11194 | 180893 | 6.74%  | 0.157% |
| 233    | 11.014 | 11.004 | 11.031 | VV | 10109 | 160318 | 5.98%  | 0.139% |
| 234    | 11.049 | 11.031 | 11.064 | VV | 10719 | 204384 | 7.62%  | 0.177% |
| 235    | 11.096 | 11.064 | 11.111 | VV | 10425 | 285043 | 10.63% | 0.247% |
| 236    | 11.150 | 11.111 | 11.160 | VV | 10163 | 291492 | 10.87% | 0.253% |
| 237    | 11.180 | 11.160 | 11.196 | VV | 10719 | 218539 | 8.15%  | 0.189% |
| 238    | 11.209 | 11.196 | 11.229 | VV | 11515 | 210753 | 7.86%  | 0.183% |
| 239    | 11.239 | 11.229 | 11.255 | VV | 9874  | 150172 | 5.60%  | 0.130% |
| 240    | 11.299 | 11.255 | 11.332 | VV | 12987 | 488592 | 18.22% | 0.423% |
| 241    | 11.343 | 11.332 | 11.352 | VV | 9373  | 110977 | 4.14%  | 0.096% |
| 242    | 11.367 | 11.352 | 11.384 | VV | 9553  | 175000 | 6.52%  | 0.152% |
| 243    | 11.403 | 11.384 | 11.424 | VV | 9826  | 225576 | 8.41%  | 0.195% |
| 244    | 11.451 | 11.424 | 11.469 | VV | 9568  | 252327 | 9.41%  | 0.219% |
| 245    | 11.488 | 11.469 | 11.544 | VV | 9913  | 421230 | 15.71% | 0.365% |
| 246    | 11.587 | 11.544 | 11.595 | VV | 10697 | 289974 | 10.81% | 0.251% |

| rteres |        |        |        |    |       |        |        |        |
|--------|--------|--------|--------|----|-------|--------|--------|--------|
| 247    | 11.606 | 11.595 | 11.669 | VV | 10652 | 435484 | 16.24% | 0.377% |
| 248    | 11.689 | 11.669 | 11.702 | VV | 10080 | 194191 | 7.24%  | 0.168% |
| 249    | 11.721 | 11.702 | 11.746 | VV | 9942  | 248041 | 9.25%  | 0.215% |
| 250    | 11.753 | 11.746 | 11.804 | VV | 9898  | 320436 | 11.95% | 0.278% |
| 251    | 11.828 | 11.804 | 11.839 | VV | 9066  | 183803 | 6.85%  | 0.159% |
| 252    | 11.868 | 11.839 | 11.922 | VV | 10470 | 461359 | 17.20% | 0.400% |
| 253    | 11.947 | 11.922 | 11.952 | VV | 8285  | 147154 | 5.49%  | 0.127% |
| 254    | 11.977 | 11.952 | 11.997 | VV | 8684  | 227392 | 8.48%  | 0.197% |
| 255    | 12.002 | 11.997 | 12.018 | VV | 8596  | 101671 | 3.79%  | 0.088% |
| 256    | 12.029 | 12.018 | 12.036 | VV | 8212  | 85127  | 3.17%  | 0.074% |
| 257    | 12.041 | 12.036 | 12.059 | VV | 8090  | 108947 | 4.06%  | 0.094% |
| 258    | 12.075 | 12.059 | 12.085 | VV | 7934  | 122032 | 4.55%  | 0.106% |
| 259    | 12.098 | 12.085 | 12.112 | VV | 8023  | 127050 | 4.74%  | 0.110% |
| 260    | 12.133 | 12.112 | 12.194 | VV | 24733 | 605191 | 22.56% | 0.524% |
| 261    | 12.199 | 12.194 | 12.223 | VV | 8140  | 137671 | 5.13%  | 0.119% |
| 262    | 12.248 | 12.223 | 12.287 | VV | 20602 | 456779 | 17.03% | 0.396% |
| 263    | 12.293 | 12.287 | 12.332 | VV | 8296  | 200045 | 7.46%  | 0.173% |
| 264    | 12.346 | 12.332 | 12.352 | VV | 7175  | 81227  | 3.03%  | 0.070% |
| 265    | 12.367 | 12.352 | 12.422 | VV | 7573  | 290815 | 10.84% | 0.252% |
| 266    | 12.475 | 12.422 | 12.492 | VV | 7202  | 281093 | 10.48% | 0.244% |
| 267    | 12.523 | 12.492 | 12.558 | VV | 8558  | 269837 | 10.06% | 0.234% |
| 268    | 12.588 | 12.558 | 12.659 | VV | 16795 | 505979 | 18.86% | 0.438% |
| 269    | 12.670 | 12.659 | 12.697 | VV | 5591  | 117019 | 4.36%  | 0.101% |
| 270    | 12.707 | 12.697 | 12.714 | VV | 4858  | 48492  | 1.81%  | 0.042% |
| 271    | 12.718 | 12.714 | 12.729 | VV | 4698  | 39790  | 1.48%  | 0.034% |
| 272    | 12.739 | 12.729 | 12.746 | VV | 4828  | 48275  | 1.80%  | 0.042% |
| 273    | 12.751 | 12.746 | 12.762 | VV | 4830  | 45053  | 1.68%  | 0.039% |
| 274    | 12.776 | 12.762 | 12.780 | VV | 5122  | 54156  | 2.02%  | 0.047% |
| 275    | 12.786 | 12.780 | 12.831 | VV | 5242  | 140664 | 5.24%  | 0.122% |
| 276    | 12.847 | 12.831 | 12.862 | VV | 4618  | 82719  | 3.08%  | 0.072% |
| 277    | 12.886 | 12.862 | 12.966 | VV | 15821 | 450696 | 16.80% | 0.390% |
| 278    | 12.982 | 12.966 | 13.002 | VV | 4791  | 94195  | 3.51%  | 0.082% |
| 279    | 13.015 | 13.002 | 13.051 | VV | 4230  | 114822 | 4.28%  | 0.099% |
| 280    | 13.066 | 13.051 | 13.101 | VV | 4199  | 107276 | 4.00%  | 0.093% |
| 281    | 13.109 | 13.101 | 13.121 | VV | 3381  | 38855  | 1.45%  | 0.034% |
| 282    | 13.137 | 13.121 | 13.142 | VV | 5127  | 55866  | 2.08%  | 0.048% |
| 283    | 13.163 | 13.142 | 13.288 | VV | 10368 | 410654 | 15.31% | 0.356% |
| 284    | 13.306 | 13.288 | 13.327 | VV | 3225  | 65119  | 2.43%  | 0.056% |
| 285    | 13.370 | 13.327 | 13.394 | VV | 3809  | 120859 | 4.51%  | 0.105% |
| 286    | 13.399 | 13.394 | 13.432 | VV | 2655  | 54634  | 2.04%  | 0.047% |
| 287    | 13.483 | 13.432 | 13.512 | VV | 3898  | 134055 | 5.00%  | 0.116% |
| 288    | 13.522 | 13.512 | 13.531 | VV | 2426  | 25013  | 0.93%  | 0.022% |
| 289    | 13.549 | 13.531 | 13.567 | VV | 2313  | 46543  | 1.74%  | 0.040% |
| 290    | 13.594 | 13.567 | 13.611 | VV | 2797  | 63370  | 2.36%  | 0.055% |
| 291    | 13.631 | 13.611 | 13.662 | VV | 2779  | 68556  | 2.56%  | 0.059% |
| 292    | 13.678 | 13.662 | 13.700 | VV | 2894  | 51369  | 1.92%  | 0.045% |
| 293    | 13.724 | 13.700 | 13.749 | VV | 5073  | 92776  | 3.46%  | 0.080% |
| 294    | 13.758 | 13.749 | 13.792 | VV | 2621  | 51207  | 1.91%  | 0.044% |
| 295    | 13.804 | 13.792 | 13.817 | VV | 1949  | 26146  | 0.97%  | 0.023% |
| 296    | 13.831 | 13.817 | 13.862 | VV | 2461  | 47275  | 1.76%  | 0.041% |
| 297    | 13.867 | 13.862 | 13.914 | VV | 1359  | 32522  | 1.21%  | 0.028% |
| 298    | 13.940 | 13.914 | 13.946 | VV | 1502  | 22714  | 0.85%  | 0.020% |
| 299    | 13.950 | 13.946 | 13.985 | VV | 1447  | 23612  | 0.88%  | 0.020% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 13.997 | 13.985 | 14.002 | VV | 860    | 7294    | 0.27%  | 0.006% |
| 301 | 14.007 | 14.002 | 14.015 | VV | 932    | 6924    | 0.26%  | 0.006% |
| 302 | 14.020 | 14.015 | 14.054 | VV | 866    | 15019   | 0.56%  | 0.013% |
| 303 | 14.088 | 14.054 | 14.099 | VV | 1001   | 18369   | 0.68%  | 0.016% |
| 304 | 14.120 | 14.099 | 14.162 | VV | 2974   | 59448   | 2.22%  | 0.052% |
| 305 | 14.191 | 14.162 | 14.213 | VV | 1647   | 38822   | 1.45%  | 0.034% |
| 306 | 14.238 | 14.213 | 14.267 | VV | 1361   | 33181   | 1.24%  | 0.029% |
| 307 | 14.290 | 14.267 | 14.314 | VV | 3917   | 63836   | 2.38%  | 0.055% |
| 308 | 14.322 | 14.314 | 14.337 | VV | 1401   | 17236   | 0.64%  | 0.015% |
| 309 | 14.353 | 14.337 | 14.382 | VV | 1930   | 35057   | 1.31%  | 0.030% |
| 310 | 14.405 | 14.382 | 14.436 | VV | 1587   | 31463   | 1.17%  | 0.027% |
| 311 | 14.461 | 14.436 | 14.502 | VV | 1986   | 38404   | 1.43%  | 0.033% |
| 312 | 14.519 | 14.502 | 14.524 | VV | 883    | 8024    | 0.30%  | 0.007% |
| 313 | 14.533 | 14.524 | 14.563 | VV | 840    | 15887   | 0.59%  | 0.014% |
| 314 | 14.582 | 14.563 | 14.596 | VV | 1077   | 15105   | 0.56%  | 0.013% |
| 315 | 14.628 | 14.596 | 14.674 | VV | 89385  | 1259615 | 46.96% | 1.091% |
| 316 | 14.678 | 14.674 | 14.726 | VV | 1673   | 23900   | 0.89%  | 0.021% |
| 317 | 14.781 | 14.726 | 14.799 | VV | 5261   | 87494   | 3.26%  | 0.076% |
| 318 | 14.829 | 14.799 | 14.858 | VV | 9558   | 201664  | 7.52%  | 0.175% |
| 319 | 14.876 | 14.858 | 14.913 | VV | 2228   | 47193   | 1.76%  | 0.041% |
| 320 | 14.936 | 14.913 | 14.955 | VV | 1517   | 26569   | 0.99%  | 0.023% |
| 321 | 14.961 | 14.955 | 14.981 | VV | 964    | 11166   | 0.42%  | 0.010% |
| 322 | 14.992 | 14.981 | 15.007 | VV | 575    | 7905    | 0.29%  | 0.007% |
| 323 | 15.014 | 15.007 | 15.019 | VV | 524    | 3339    | 0.12%  | 0.003% |
| 324 | 15.025 | 15.019 | 15.049 | VV | 467    | 5360    | 0.20%  | 0.005% |
| 325 | 15.055 | 15.049 | 15.061 | PV | 336    | 1301    | 0.05%  | 0.001% |
| 326 | 15.078 | 15.061 | 15.084 | VV | 561    | 4067    | 0.15%  | 0.004% |
| 327 | 15.099 | 15.084 | 15.113 | VV | 632    | 8677    | 0.32%  | 0.008% |
| 328 | 15.131 | 15.113 | 15.154 | VV | 816    | 13657   | 0.51%  | 0.012% |
| 329 | 15.161 | 15.154 | 15.184 | VV | 574    | 7049    | 0.26%  | 0.006% |
| 330 | 15.216 | 15.184 | 15.306 | PV | 35005  | 597325  | 22.27% | 0.518% |
| 331 | 15.317 | 15.306 | 15.321 | VV | 383    | 2604    | 0.10%  | 0.002% |
| 332 | 15.355 | 15.321 | 15.391 | VV | 7211   | 124522  | 4.64%  | 0.108% |
| 333 | 15.423 | 15.391 | 15.448 | VV | 9266   | 142743  | 5.32%  | 0.124% |
| 334 | 15.454 | 15.448 | 15.477 | VV | 1798   | 23993   | 0.89%  | 0.021% |
| 335 | 15.493 | 15.477 | 15.520 | VV | 975    | 16368   | 0.61%  | 0.014% |
| 336 | 15.538 | 15.520 | 15.548 | VV | 438    | 3672    | 0.14%  | 0.003% |
| 337 | 15.565 | 15.548 | 15.578 | VV | 582    | 6135    | 0.23%  | 0.005% |
| 338 | 15.593 | 15.578 | 15.599 | VV | 949    | 7545    | 0.28%  | 0.007% |
| 339 | 15.617 | 15.599 | 15.639 | VV | 1387   | 23683   | 0.88%  | 0.021% |
| 340 | 15.656 | 15.639 | 15.664 | VV | 839    | 10343   | 0.39%  | 0.009% |
| 341 | 15.680 | 15.664 | 15.707 | VV | 1238   | 20036   | 0.75%  | 0.017% |
| 342 | 15.737 | 15.707 | 15.763 | VV | 2332   | 39450   | 1.47%  | 0.034% |
| 343 | 15.776 | 15.763 | 15.803 | VV | 665    | 10720   | 0.40%  | 0.009% |
| 344 | 15.815 | 15.803 | 15.827 | VV | 526    | 5518    | 0.21%  | 0.005% |
| 345 | 15.857 | 15.827 | 15.905 | VV | 8894   | 137833  | 5.14%  | 0.119% |
| 346 | 15.921 | 15.905 | 15.938 | VV | 1816   | 23979   | 0.89%  | 0.021% |
| 347 | 15.955 | 15.938 | 15.961 | VV | 751    | 8334    | 0.31%  | 0.007% |
| 348 | 15.965 | 15.961 | 15.967 | VV | 513    | 1928    | 0.07%  | 0.002% |
| 349 | 15.980 | 15.967 | 15.987 | VV | 671    | 6754    | 0.25%  | 0.006% |
| 350 | 15.997 | 15.987 | 16.011 | VV | 734    | 7491    | 0.28%  | 0.006% |
| 351 | 16.047 | 16.011 | 16.054 | VV | 1969   | 30337   | 1.13%  | 0.026% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 352 | 16.059 | 16.054 | 16.086 | VV | 1932   | 29466  | 1.10%  | 0.026% |
| 353 | 16.103 | 16.086 | 16.113 | VV | 1518   | 21037  | 0.78%  | 0.018% |
| 354 | 16.118 | 16.113 | 16.122 | VV | 1465   | 7912   | 0.29%  | 0.007% |
| 355 | 16.151 | 16.122 | 16.204 | VV | 4130   | 134785 | 5.03%  | 0.117% |
| 356 | 16.234 | 16.204 | 16.279 | VV | 12640  | 272903 | 10.17% | 0.236% |
| 357 | 16.313 | 16.279 | 16.317 | VV | 2981   | 59182  | 2.21%  | 0.051% |
| 358 | 16.344 | 16.317 | 16.397 | VV | 18124  | 386258 | 14.40% | 0.335% |
| 359 | 16.417 | 16.397 | 16.441 | VV | 5799   | 120334 | 4.49%  | 0.104% |
| 360 | 16.476 | 16.441 | 16.539 | VV | 8746   | 284146 | 10.59% | 0.246% |
| 361 | 16.545 | 16.539 | 16.549 | VV | 3366   | 19674  | 0.73%  | 0.017% |
| 362 | 16.555 | 16.549 | 16.572 | VV | 3699   | 47116  | 1.76%  | 0.041% |
| 363 | 16.579 | 16.572 | 16.596 | VV | 3462   | 47623  | 1.78%  | 0.041% |
| 364 | 16.619 | 16.596 | 16.624 | VV | 4542   | 66211  | 2.47%  | 0.057% |
| 365 | 16.669 | 16.624 | 16.707 | VV | 9817   | 321158 | 11.97% | 0.278% |
| 366 | 16.730 | 16.707 | 16.765 | VV | 9360   | 238522 | 8.89%  | 0.207% |
| 367 | 16.812 | 16.765 | 16.850 | VV | 16817  | 451878 | 16.85% | 0.391% |
| 368 | 16.862 | 16.850 | 16.876 | VV | 6706   | 97347  | 3.63%  | 0.084% |
| 369 | 16.892 | 16.876 | 16.922 | VV | 7355   | 172202 | 6.42%  | 0.149% |
| 370 | 16.941 | 16.922 | 16.958 | VV | 5644   | 115664 | 4.31%  | 0.100% |
| 371 | 16.996 | 16.958 | 17.001 | VV | 6445   | 143959 | 5.37%  | 0.125% |
| 372 | 17.008 | 17.001 | 17.018 | VV | 6598   | 65373  | 2.44%  | 0.057% |
| 373 | 17.049 | 17.018 | 17.079 | VV | 7522   | 246122 | 9.18%  | 0.213% |
| 374 | 17.085 | 17.079 | 17.089 | VV | 6693   | 35907  | 1.34%  | 0.031% |
| 375 | 17.102 | 17.089 | 17.116 | VV | 7080   | 115393 | 4.30%  | 0.100% |
| 376 | 17.125 | 17.116 | 17.139 | VV | 7453   | 97260  | 3.63%  | 0.084% |
| 377 | 17.183 | 17.139 | 17.216 | VV | 12316  | 416484 | 15.53% | 0.361% |
| 378 | 17.229 | 17.216 | 17.240 | VV | 8705   | 117871 | 4.39%  | 0.102% |
| 379 | 17.264 | 17.240 | 17.319 | VV | 20221  | 544073 | 20.29% | 0.471% |
| 380 | 17.336 | 17.319 | 17.344 | VV | 8269   | 118422 | 4.42%  | 0.103% |
| 381 | 17.353 | 17.344 | 17.359 | VV | 9081   | 76823  | 2.86%  | 0.067% |
| 382 | 17.383 | 17.359 | 17.414 | VV | 9330   | 286453 | 10.68% | 0.248% |
| 383 | 17.438 | 17.414 | 17.463 | VV | 8964   | 243879 | 9.09%  | 0.211% |
| 384 | 17.468 | 17.463 | 17.474 | VV | 8130   | 49510  | 1.85%  | 0.043% |
| 385 | 17.499 | 17.474 | 17.512 | VV | 8120   | 179332 | 6.69%  | 0.155% |
| 386 | 17.531 | 17.512 | 17.536 | VV | 8846   | 120065 | 4.48%  | 0.104% |
| 387 | 17.544 | 17.536 | 17.549 | VV | 8837   | 66043  | 2.46%  | 0.057% |
| 388 | 17.554 | 17.549 | 17.571 | VV | 9097   | 113563 | 4.23%  | 0.098% |
| 389 | 17.605 | 17.571 | 17.622 | VV | 9742   | 278564 | 10.39% | 0.241% |
| 390 | 17.650 | 17.622 | 17.659 | VV | 10297  | 210995 | 7.87%  | 0.183% |
| 391 | 17.704 | 17.659 | 17.734 | VV | 22508  | 629857 | 23.48% | 0.546% |
| 392 | 17.754 | 17.734 | 17.764 | VV | 10107  | 176334 | 6.57%  | 0.153% |
| 393 | 17.796 | 17.764 | 17.814 | VV | 13181  | 329764 | 12.29% | 0.286% |
| 394 | 17.849 | 17.814 | 17.860 | VV | 13343  | 327990 | 12.23% | 0.284% |
| 395 | 17.877 | 17.860 | 17.884 | VV | 12917  | 180522 | 6.73%  | 0.156% |
| 396 | 17.900 | 17.884 | 17.906 | VV | 12631  | 165990 | 6.19%  | 0.144% |
| 397 | 17.931 | 17.906 | 17.965 | VV | 14065  | 447016 | 16.67% | 0.387% |
| 398 | 17.978 | 17.965 | 18.002 | VV | 12965  | 272447 | 10.16% | 0.236% |
| 399 | 18.028 | 18.002 | 18.041 | VV | 16460  | 335389 | 12.50% | 0.291% |
| 400 | 18.070 | 18.041 | 18.100 | VV | 30406  | 782523 | 29.18% | 0.678% |
| 401 | 18.130 | 18.100 | 18.161 | VV | 30620  | 787217 | 29.35% | 0.682% |
| 402 | 18.165 | 18.161 | 18.197 | VV | 15374  | 330856 | 12.34% | 0.287% |
| 403 | 18.223 | 18.197 | 18.269 | VV | 18599  | 683516 | 25.48% | 0.592% |
| 404 | 18.281 | 18.269 | 18.315 | VV | 14515  | 386117 | 14.40% | 0.335% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 405 | 18.321 | 18.315 | 18.328 | VV | 13508  | 98623   | 3.68%  | 0.085% |
| 406 | 18.373 | 18.328 | 18.390 | VV | 17544  | 557428  | 20.78% | 0.483% |
| 407 | 18.394 | 18.390 | 18.403 | VV | 14933  | 116126  | 4.33%  | 0.101% |
| 408 | 18.411 | 18.403 | 18.421 | VV | 15235  | 158232  | 5.90%  | 0.137% |
| 409 | 18.425 | 18.421 | 18.431 | VV | 14788  | 88898   | 3.31%  | 0.077% |
| 410 | 18.438 | 18.431 | 18.444 | VV | 14526  | 109419  | 4.08%  | 0.095% |
| 411 | 18.449 | 18.444 | 18.467 | VV | 14674  | 193971  | 7.23%  | 0.168% |
| 412 | 18.546 | 18.467 | 18.587 | VV | 27470  | 1343363 | 50.09% | 1.164% |
| 413 | 18.612 | 18.587 | 18.627 | VV | 18787  | 423341  | 15.78% | 0.367% |
| 414 | 18.649 | 18.627 | 18.675 | VV | 21736  | 551656  | 20.57% | 0.478% |
| 415 | 18.692 | 18.675 | 18.729 | VV | 19526  | 593162  | 22.12% | 0.514% |
| 416 | 18.733 | 18.729 | 18.740 | VV | 17153  | 103464  | 3.86%  | 0.090% |
| 417 | 18.746 | 18.740 | 18.765 | VV | 17495  | 254778  | 9.50%  | 0.221% |
| 418 | 18.769 | 18.765 | 18.778 | VV | 16344  | 124985  | 4.66%  | 0.108% |
| 419 | 18.806 | 18.778 | 18.810 | VV | 18104  | 332664  | 12.40% | 0.288% |
| 420 | 18.819 | 18.810 | 18.852 | VV | 18910  | 454153  | 16.93% | 0.393% |
| 421 | 18.904 | 18.852 | 18.929 | VV | 35942  | 1149381 | 42.85% | 0.996% |
| 422 | 18.949 | 18.929 | 19.004 | VV | 28691  | 1059252 | 39.49% | 0.918% |
| 423 | 19.028 | 19.004 | 19.039 | VV | 21827  | 436822  | 16.29% | 0.378% |
| 424 | 19.044 | 19.039 | 19.051 | VV | 21605  | 151332  | 5.64%  | 0.131% |
| 425 | 19.073 | 19.051 | 19.088 | VV | 23168  | 499563  | 18.63% | 0.433% |
| 426 | 19.106 | 19.088 | 19.131 | VV | 24727  | 591335  | 22.05% | 0.512% |
| 427 | 19.145 | 19.131 | 19.170 | VV | 22984  | 523472  | 19.52% | 0.454% |
| 428 | 19.191 | 19.170 | 19.207 | VV | 23233  | 493148  | 18.39% | 0.427% |
| 429 | 19.215 | 19.207 | 19.222 | VV | 22225  | 195140  | 7.28%  | 0.169% |
| 430 | 19.243 | 19.222 | 19.274 | VV | 23129  | 677387  | 25.26% | 0.587% |
| 431 | 19.311 | 19.274 | 19.315 | VV | 22352  | 530531  | 19.78% | 0.460% |
| 432 | 19.339 | 19.315 | 19.356 | VV | 26944  | 599788  | 22.36% | 0.520% |
| 433 | 19.361 | 19.356 | 19.379 | VV | 24385  | 332614  | 12.40% | 0.288% |
| 434 | 19.399 | 19.379 | 19.422 | VV | 25996  | 634173  | 23.64% | 0.549% |
| 435 | 19.449 | 19.422 | 19.467 | VV | 26987  | 687776  | 25.64% | 0.596% |
| 436 | 19.471 | 19.467 | 19.479 | VV | 24775  | 172846  | 6.44%  | 0.150% |
| 437 | 19.485 | 19.479 | 19.499 | VV | 25726  | 308544  | 11.50% | 0.267% |
| 438 | 19.513 | 19.499 | 19.534 | VV | 26425  | 532514  | 19.85% | 0.461% |
| 439 | 19.555 | 19.534 | 19.575 | VV | 26568  | 641854  | 23.93% | 0.556% |
| 440 | 19.581 | 19.575 | 19.587 | VV | 26202  | 180348  | 6.72%  | 0.156% |
| 441 | 19.625 | 19.587 | 19.656 | VV | 34302  | 1234763 | 46.04% | 1.070% |
| 442 | 19.686 | 19.656 | 19.737 | VV | 41534  | 1645008 | 61.33% | 1.425% |
| 443 | 19.743 | 19.737 | 19.754 | VV | 30188  | 293869  | 10.96% | 0.255% |
| 444 | 19.758 | 19.754 | 19.766 | VV | 29782  | 206454  | 7.70%  | 0.179% |
| 445 | 19.771 | 19.766 | 19.781 | VV | 29133  | 254667  | 9.49%  | 0.221% |
| 446 | 19.786 | 19.781 | 19.817 | VV | 29443  | 634254  | 23.65% | 0.549% |
| 447 | 19.856 | 19.817 | 19.865 | VV | 30633  | 842643  | 31.42% | 0.730% |
| 448 | 19.871 | 19.865 | 19.883 | VV | 30224  | 321667  | 11.99% | 0.279% |
| 449 | 19.893 | 19.883 | 19.897 | VV | 30582  | 242526  | 9.04%  | 0.210% |
| 450 | 19.926 | 19.897 | 19.930 | VV | 33205  | 642577  | 23.96% | 0.557% |
| 451 | 19.959 | 19.930 | 19.986 | VV | 35281  | 1118494 | 41.70% | 0.969% |
| 452 | 19.993 | 19.986 | 19.997 | VV | 32381  | 229366  | 8.55%  | 0.199% |
| 453 | 20.015 | 19.997 | 20.019 | VV | 32931  | 421174  | 15.70% | 0.365% |
| 454 | 20.026 | 20.019 | 20.037 | VV | 33798  | 351918  | 13.12% | 0.305% |
| 455 | 20.086 | 20.037 | 20.097 | VV | 37654  | 1276640 | 47.60% | 1.106% |
| 456 | 20.126 | 20.097 | 20.166 | VV | 45811  | 1681602 | 62.70% | 1.457% |

| rteres |        |        |        |    |       |         |         |        |
|--------|--------|--------|--------|----|-------|---------|---------|--------|
| 457    | 20.247 | 20.166 | 20.274 | VV | 50475 | 2682127 | 100.00% | 2.324% |
| 458    | 20.288 | 20.274 | 20.336 | VV | 44743 | 1600581 | 59.68%  | 1.387% |
| 459    | 20.339 | 20.336 | 20.356 | VV | 41205 | 495676  | 18.48%  | 0.429% |
| 460    | 20.361 | 20.356 | 20.367 | VV | 40548 | 267927  | 9.99%   | 0.232% |
| 461    | 20.372 | 20.367 | 20.382 | VV | 40301 | 353668  | 13.19%  | 0.306% |
| 462    | 20.388 | 20.382 | 20.393 | VV | 40404 | 274576  | 10.24%  | 0.238% |
| 463    | 20.405 | 20.393 | 20.413 | VV | 41509 | 470273  | 17.53%  | 0.407% |
| 464    | 20.448 | 20.413 | 20.464 | VV | 43270 | 1302703 | 48.57%  | 1.129% |
| 465    | 20.469 | 20.464 | 20.481 | VV | 41306 | 418051  | 15.59%  | 0.362% |
| 466    | 20.493 | 20.481 | 20.502 | VV | 41836 | 525551  | 19.59%  | 0.455% |
| 467    | 20.506 | 20.502 | 20.522 | VV | 41156 | 475811  | 17.74%  | 0.412% |
| 468    | 20.560 | 20.522 | 20.573 | VV | 41619 | 1248486 | 46.55%  | 1.082% |
| 469    | 20.608 | 20.573 | 20.641 | VV | 51052 | 1854438 | 69.14%  | 1.607% |
| 470    | 20.647 | 20.641 | 20.653 | VV | 39936 | 286195  | 10.67%  | 0.248% |
| 471    | 20.657 | 20.653 | 20.677 | VV | 39697 | 565300  | 21.08%  | 0.490% |
| 472    | 20.682 | 20.677 | 20.690 | VV | 39103 | 296673  | 11.06%  | 0.257% |
| 473    | 20.696 | 20.690 | 20.709 | VV | 39161 | 456213  | 17.01%  | 0.395% |
| 474    | 20.712 | 20.709 | 20.718 | VV | 38793 | 200109  | 7.46%   | 0.173% |
| 475    | 20.722 | 20.718 | 20.727 | VV | 38909 | 225729  | 8.42%   | 0.196% |
| 476    | 20.734 | 20.727 | 20.744 | VV | 39137 | 387350  | 14.44%  | 0.336% |
| 477    | 20.752 | 20.744 | 20.758 | VV | 38681 | 322150  | 12.01%  | 0.279% |
| 478    | 20.761 | 20.758 | 20.774 | VV | 38453 | 358068  | 13.35%  | 0.310% |
| 479    | 20.779 | 20.774 | 20.789 | VV | 38101 | 339714  | 12.67%  | 0.294% |
| 480    | 20.793 | 20.789 | 20.796 | VV | 37771 | 175326  | 6.54%   | 0.152% |
| 481    | 20.835 | 20.796 | 20.860 | VV | 39856 | 1457379 | 54.34%  | 1.263% |
| 482    | 20.863 | 20.860 | 20.874 | VV | 36957 | 309219  | 11.53%  | 0.268% |
| 483    | 20.878 | 20.874 | 20.887 | VV | 36970 | 299172  | 11.15%  | 0.259% |
| 484    | 20.908 | 20.887 | 20.928 | VV | 36591 | 882242  | 32.89%  | 0.764% |
| 485    | 20.935 | 20.928 | 20.942 | VV | 36544 | 313827  | 11.70%  | 0.272% |
| 486    | 20.947 | 20.942 | 20.959 | VV | 36292 | 368523  | 13.74%  | 0.319% |
| 487    | 20.965 | 20.959 | 20.976 | VV | 36082 | 354758  | 13.23%  | 0.307% |
| 488    | 20.989 | 20.976 | 21.006 | VV | 35777 | 639431  | 23.84%  | 0.554% |
| 489    | 21.021 | 21.006 | 21.026 | VV | 36051 | 426852  | 15.91%  | 0.370% |
| 490    | 21.032 | 21.026 | 21.039 | VV | 35644 | 276653  | 10.31%  | 0.240% |
| 491    | 21.049 | 21.039 | 21.069 | VV | 35845 | 651157  | 24.28%  | 0.564% |
| 492    | 21.074 | 21.069 | 21.093 | VV | 35291 | 491600  | 18.33%  | 0.426% |
| 493    | 21.096 | 21.093 | 21.099 | VV | 34638 | 118270  | 4.41%   | 0.102% |
| 494    | 21.148 | 21.099 | 21.191 | VV | 44945 | 2142116 | 79.87%  | 1.856% |
| 495    | 21.194 | 21.191 | 21.219 | VV | 33998 | 573503  | 21.38%  | 0.497% |
| 496    | 21.235 | 21.219 | 21.239 | VV | 34135 | 392007  | 14.62%  | 0.340% |
| 497    | 21.264 | 21.239 | 21.276 | VV | 34939 | 768869  | 28.67%  | 0.666% |
| 498    | 21.285 | 21.276 | 21.308 | VV | 33970 | 642461  | 23.95%  | 0.557% |
| 499    | 21.312 | 21.308 | 21.317 | VV | 32739 | 176383  | 6.58%   | 0.153% |
| 500    | 21.330 | 21.317 | 21.339 | VV | 33142 | 432443  | 16.12%  | 0.375% |
| 501    | 21.343 | 21.339 | 21.352 | VV | 33079 | 262274  | 9.78%   | 0.227% |
| 502    | 21.374 | 21.352 | 21.385 | VV | 33056 | 632164  | 23.57%  | 0.548% |
| 503    | 21.391 | 21.385 | 21.404 | VV | 32342 | 362545  | 13.52%  | 0.314% |
| 504    | 21.411 | 21.404 | 21.427 | VV | 32513 | 452862  | 16.88%  | 0.392% |
| 505    | 21.454 | 21.427 | 21.464 | VV | 32516 | 714665  | 26.65%  | 0.619% |
| 506    | 21.484 | 21.464 | 21.512 | VV | 32845 | 913846  | 34.07%  | 0.792% |
| 507    | 21.520 | 21.512 | 21.550 | VV | 32282 | 717754  | 26.76%  | 0.622% |
| 508    | 21.557 | 21.550 | 21.569 | VV | 30917 | 351408  | 13.10%  | 0.304% |
| 509    | 21.577 | 21.569 | 21.594 | VV | 31153 | 461162  | 17.19%  | 0.400% |

|     |        |        |        |     |                         |           |        |        |  |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|--|
|     |        |        |        |     | rteres                  |           |        |        |  |
| 510 | 21.601 | 21.594 | 21.607 | VV  | 31277                   | 247092    | 9.21%  | 0.214% |  |
| 511 | 21.625 | 21.607 | 21.631 | VV  | 31890                   | 440266    | 16.41% | 0.381% |  |
| 512 | 21.689 | 21.631 | 21.711 | VV  | 35000                   | 1608969   | 59.99% | 1.394% |  |
| 513 | 21.765 | 21.711 | 21.821 | VBA | 41506                   | 2416013   | 90.08% | 2.093% |  |
|     |        |        |        |     | Sum of corrected areas: | 115425002 |        |        |  |

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