

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG040722\  
 Data File : FG009536.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Apr 2022 11:38  
 Sample : N2254-05 500X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG040122.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         | 2.004       | 1.998        | 2.013      | BV       | 21271          | 103917       | 7.70%          | 0.098%        |
| 2         | 2.018       | 2.013        | 2.038      | VV       | 9812           | 66858        | 4.96%          | 0.063%        |
| 3         | 2.066       | 2.038        | 2.080      | VV       | 4799           | 40072        | 2.97%          | 0.038%        |
| 4         | 2.098       | 2.080        | 2.108      | VV       | 2239           | 23059        | 1.71%          | 0.022%        |
| 5         | 2.128       | 2.108        | 2.141      | VV       | 4199           | 45878        | 3.40%          | 0.043%        |
| 6         | 2.146       | 2.141        | 2.155      | VV       | 1016           | 7004         | 0.52%          | 0.007%        |
| 7         | 2.171       | 2.155        | 2.195      | VV       | 14420          | 111478       | 8.26%          | 0.106%        |
| 8         | 2.208       | 2.195        | 2.214      | VV       | 542            | 5135         | 0.38%          | 0.005%        |
| 9         | 2.236       | 2.214        | 2.259      | VV       | 11091          | 96898        | 7.18%          | 0.092%        |
| 10        | 2.284       | 2.259        | 2.293      | VV       | 1769           | 17609        | 1.31%          | 0.017%        |
| 11        | 2.303       | 2.293        | 2.320      | VV       | 1923           | 19246        | 1.43%          | 0.018%        |
| 12        | 2.322       | 2.320        | 2.330      | VV       | 456            | 2391         | 0.18%          | 0.002%        |
| 13        | 2.337       | 2.330        | 2.345      | VV       | 421            | 3529         | 0.26%          | 0.003%        |
| 14        | 2.359       | 2.345        | 2.372      | VV       | 1560           | 15132        | 1.12%          | 0.014%        |
| 15        | 2.385       | 2.372        | 2.391      | VV       | 1284           | 10274        | 0.76%          | 0.010%        |
| 16        | 2.401       | 2.391        | 2.407      | VV       | 1570           | 14198        | 1.05%          | 0.013%        |
| 17        | 2.418       | 2.407        | 2.432      | VV       | 2465           | 24646        | 1.83%          | 0.023%        |
| 18        | 2.457       | 2.432        | 2.487      | VV       | 7770           | 92083        | 6.82%          | 0.087%        |
| 19        | 2.504       | 2.487        | 2.515      | VV       | 22131          | 183058       | 13.57%         | 0.173%        |
| 20        | 2.523       | 2.515        | 2.540      | VV       | 11204          | 93497        | 6.93%          | 0.089%        |
| 21        | 2.556       | 2.540        | 2.571      | VV       | 22469          | 187166       | 13.87%         | 0.177%        |
| 22        | 2.586       | 2.571        | 2.614      | VV       | 12082          | 152304       | 11.29%         | 0.144%        |
| 23        | 2.621       | 2.614        | 2.656      | VV       | 2908           | 41919        | 3.11%          | 0.040%        |
| 24        | 2.706       | 2.656        | 2.735      | VV       | 14982          | 202647       | 15.02%         | 0.192%        |
| 25        | 2.745       | 2.735        | 2.760      | VV       | 1447           | 13941        | 1.03%          | 0.013%        |
| 26        | 2.793       | 2.760        | 2.806      | VV       | 9884           | 108259       | 8.02%          | 0.102%        |
| 27        | 2.819       | 2.806        | 2.831      | VV       | 5264           | 52384        | 3.88%          | 0.050%        |
| 28        | 2.844       | 2.831        | 2.861      | VV       | 4783           | 49820        | 3.69%          | 0.047%        |
| 29        | 2.877       | 2.861        | 2.891      | VV       | 3910           | 41841        | 3.10%          | 0.040%        |
| 30        | 2.905       | 2.891        | 2.919      | VV       | 3292           | 39804        | 2.95%          | 0.038%        |
| 31        | 2.937       | 2.919        | 2.947      | VV       | 9343           | 93443        | 6.93%          | 0.088%        |
| 32        | 2.954       | 2.947        | 2.970      | VV       | 7715           | 72481        | 5.37%          | 0.069%        |
| 33        | 2.981       | 2.970        | 2.986      | VV       | 3020           | 25926        | 1.92%          | 0.025%        |
| 34        | 2.998       | 2.986        | 3.027      | VV       | 6118           | 81865        | 6.07%          | 0.078%        |
| 35        | 3.038       | 3.027        | 3.044      | VV       | 1181           | 10832        | 0.80%          | 0.010%        |
| 36        | 3.070       | 3.044        | 3.084      | VV       | 20759          | 253505       | 18.79%         | 0.240%        |

| rteres |       |       |       |    |       |        |        |        |
|--------|-------|-------|-------|----|-------|--------|--------|--------|
| 37     | 3.094 | 3.084 | 3.116 | VV | 11824 | 120723 | 8.95%  | 0.114% |
| 38     | 3.125 | 3.116 | 3.131 | VV | 1704  | 13394  | 0.99%  | 0.013% |
| 39     | 3.143 | 3.131 | 3.170 | VV | 2351  | 30592  | 2.27%  | 0.029% |
| 40     | 3.192 | 3.170 | 3.206 | VV | 3150  | 32380  | 2.40%  | 0.031% |
| 41     | 3.221 | 3.206 | 3.230 | VV | 3605  | 35623  | 2.64%  | 0.034% |
| 42     | 3.242 | 3.230 | 3.252 | VV | 5806  | 57117  | 4.23%  | 0.054% |
| 43     | 3.267 | 3.252 | 3.283 | VV | 17886 | 177559 | 13.16% | 0.168% |
| 44     | 3.292 | 3.283 | 3.329 | VV | 4387  | 58938  | 4.37%  | 0.056% |
| 45     | 3.348 | 3.329 | 3.358 | PV | 3167  | 28312  | 2.10%  | 0.027% |
| 46     | 3.373 | 3.358 | 3.386 | VV | 13454 | 127898 | 9.48%  | 0.121% |
| 47     | 3.397 | 3.386 | 3.414 | VV | 9034  | 92384  | 6.85%  | 0.087% |
| 48     | 3.431 | 3.414 | 3.438 | VV | 5978  | 62516  | 4.63%  | 0.059% |
| 49     | 3.455 | 3.438 | 3.478 | VV | 10948 | 150060 | 11.12% | 0.142% |
| 50     | 3.489 | 3.478 | 3.499 | VV | 4620  | 42328  | 3.14%  | 0.040% |
| 51     | 3.516 | 3.499 | 3.550 | VV | 25921 | 357674 | 26.51% | 0.339% |
| 52     | 3.581 | 3.550 | 3.600 | VV | 9894  | 174521 | 12.93% | 0.165% |
| 53     | 3.626 | 3.600 | 3.646 | VV | 33320 | 424275 | 31.45% | 0.402% |
| 54     | 3.652 | 3.646 | 3.668 | VV | 10412 | 100976 | 7.48%  | 0.096% |
| 55     | 3.697 | 3.668 | 3.729 | VV | 24949 | 390315 | 28.93% | 0.370% |
| 56     | 3.745 | 3.729 | 3.773 | VV | 8352  | 118213 | 8.76%  | 0.112% |
| 57     | 3.790 | 3.773 | 3.810 | VV | 23225 | 211086 | 15.64% | 0.200% |
| 58     | 3.840 | 3.810 | 3.886 | VV | 19602 | 395701 | 29.33% | 0.375% |
| 59     | 3.922 | 3.886 | 3.936 | VV | 13152 | 188911 | 14.00% | 0.179% |
| 60     | 3.948 | 3.936 | 3.968 | VV | 8280  | 115473 | 8.56%  | 0.109% |
| 61     | 3.983 | 3.968 | 4.001 | VV | 13678 | 177671 | 13.17% | 0.168% |
| 62     | 4.016 | 4.001 | 4.038 | VV | 12154 | 147482 | 10.93% | 0.140% |
| 63     | 4.061 | 4.038 | 4.068 | VV | 4330  | 48635  | 3.60%  | 0.046% |
| 64     | 4.101 | 4.068 | 4.112 | VV | 15561 | 234475 | 17.38% | 0.222% |
| 65     | 4.127 | 4.112 | 4.149 | VV | 19079 | 247514 | 18.34% | 0.234% |
| 66     | 4.163 | 4.149 | 4.202 | VV | 9069  | 148478 | 11.00% | 0.141% |
| 67     | 4.236 | 4.202 | 4.255 | PV | 12498 | 172999 | 12.82% | 0.164% |
| 68     | 4.276 | 4.255 | 4.301 | VV | 11455 | 193740 | 14.36% | 0.183% |
| 69     | 4.312 | 4.301 | 4.349 | VV | 6493  | 140425 | 10.41% | 0.133% |
| 70     | 4.361 | 4.349 | 4.375 | VV | 4068  | 45706  | 3.39%  | 0.043% |
| 71     | 4.392 | 4.375 | 4.417 | VV | 8614  | 112781 | 8.36%  | 0.107% |
| 72     | 4.422 | 4.417 | 4.431 | VV | 1910  | 14796  | 1.10%  | 0.014% |
| 73     | 4.443 | 4.431 | 4.452 | VV | 2308  | 24980  | 1.85%  | 0.024% |
| 74     | 4.489 | 4.452 | 4.505 | VV | 10714 | 220698 | 16.36% | 0.209% |
| 75     | 4.521 | 4.505 | 4.537 | VV | 16027 | 214916 | 15.93% | 0.203% |
| 76     | 4.550 | 4.537 | 4.565 | VV | 11433 | 155296 | 11.51% | 0.147% |
| 77     | 4.580 | 4.565 | 4.594 | VV | 36609 | 366319 | 27.15% | 0.347% |
| 78     | 4.606 | 4.594 | 4.620 | VV | 22541 | 232052 | 17.20% | 0.220% |
| 79     | 4.634 | 4.620 | 4.645 | VV | 13634 | 168449 | 12.48% | 0.159% |
| 80     | 4.655 | 4.645 | 4.668 | VV | 14871 | 159627 | 11.83% | 0.151% |
| 81     | 4.698 | 4.668 | 4.713 | VV | 13360 | 237978 | 17.64% | 0.225% |
| 82     | 4.732 | 4.713 | 4.763 | VV | 23281 | 430258 | 31.89% | 0.407% |
| 83     | 4.794 | 4.763 | 4.827 | VV | 25993 | 390370 | 28.93% | 0.370% |
| 84     | 4.849 | 4.827 | 4.863 | VV | 9238  | 133042 | 9.86%  | 0.126% |
| 85     | 4.882 | 4.863 | 4.907 | VV | 11341 | 181503 | 13.45% | 0.172% |
| 86     | 4.941 | 4.907 | 4.959 | VV | 11531 | 213211 | 15.80% | 0.202% |
| 87     | 4.968 | 4.959 | 4.994 | VV | 10493 | 130569 | 9.68%  | 0.124% |
| 88     | 5.018 | 4.994 | 5.027 | VV | 10623 | 126132 | 9.35%  | 0.119% |
| 89     | 5.042 | 5.027 | 5.055 | VV | 21196 | 240446 | 17.82% | 0.228% |

|     |       |       |       |    |        |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
|     |       |       |       |    | rteres |        |        |        |
| 90  | 5.061 | 5.055 | 5.085 | VV | 10777  | 156052 | 11.57% | 0.148% |
| 91  | 5.092 | 5.085 | 5.108 | VV | 7707   | 74782  | 5.54%  | 0.071% |
| 92  | 5.124 | 5.108 | 5.145 | VV | 5927   | 99333  | 7.36%  | 0.094% |
| 93  | 5.165 | 5.145 | 5.179 | VV | 16733  | 216111 | 16.02% | 0.205% |
| 94  | 5.186 | 5.179 | 5.196 | VV | 10333  | 97998  | 7.26%  | 0.093% |
| 95  | 5.223 | 5.196 | 5.239 | VV | 14970  | 274382 | 20.34% | 0.260% |
| 96  | 5.254 | 5.239 | 5.268 | VV | 15371  | 179572 | 13.31% | 0.170% |
| 97  | 5.282 | 5.268 | 5.307 | VV | 12236  | 218669 | 16.21% | 0.207% |
| 98  | 5.315 | 5.307 | 5.331 | VV | 7814   | 94902  | 7.03%  | 0.090% |
| 99  | 5.344 | 5.331 | 5.353 | VV | 6085   | 69609  | 5.16%  | 0.066% |
| 100 | 5.386 | 5.353 | 5.419 | VV | 27169  | 493907 | 36.61% | 0.468% |
| 101 | 5.439 | 5.419 | 5.472 | VV | 8361   | 181660 | 13.46% | 0.172% |
| 102 | 5.491 | 5.472 | 5.504 | VV | 7675   | 112592 | 8.34%  | 0.107% |
| 103 | 5.515 | 5.504 | 5.526 | VV | 7274   | 87020  | 6.45%  | 0.082% |
| 104 | 5.546 | 5.526 | 5.574 | VV | 35218  | 529228 | 39.22% | 0.501% |
| 105 | 5.583 | 5.574 | 5.593 | VV | 8558   | 89744  | 6.65%  | 0.085% |
| 106 | 5.600 | 5.593 | 5.606 | VV | 7915   | 60589  | 4.49%  | 0.057% |
| 107 | 5.618 | 5.606 | 5.632 | VV | 10079  | 135463 | 10.04% | 0.128% |
| 108 | 5.660 | 5.632 | 5.689 | VV | 30054  | 625592 | 46.37% | 0.592% |
| 109 | 5.701 | 5.689 | 5.705 | VV | 10742  | 90782  | 6.73%  | 0.086% |
| 110 | 5.715 | 5.705 | 5.729 | VV | 12574  | 148536 | 11.01% | 0.141% |
| 111 | 5.737 | 5.729 | 5.748 | VV | 7464   | 72246  | 5.35%  | 0.068% |
| 112 | 5.778 | 5.748 | 5.800 | VV | 11495  | 240777 | 17.85% | 0.228% |
| 113 | 5.824 | 5.800 | 5.843 | VV | 15106  | 191667 | 14.21% | 0.181% |
| 114 | 5.874 | 5.843 | 5.893 | VV | 17801  | 307457 | 22.79% | 0.291% |
| 115 | 5.921 | 5.893 | 5.939 | VV | 14657  | 294450 | 21.82% | 0.279% |
| 116 | 5.945 | 5.939 | 5.956 | VV | 10493  | 100304 | 7.43%  | 0.095% |
| 117 | 5.963 | 5.956 | 5.982 | VV | 9614   | 117043 | 8.67%  | 0.111% |
| 118 | 6.019 | 5.982 | 6.031 | VV | 9974   | 227523 | 16.86% | 0.215% |
| 119 | 6.051 | 6.031 | 6.075 | VV | 16844  | 307086 | 22.76% | 0.291% |
| 120 | 6.092 | 6.075 | 6.116 | VV | 14412  | 266378 | 19.74% | 0.252% |
| 121 | 6.132 | 6.116 | 6.143 | VV | 14249  | 186389 | 13.81% | 0.176% |
| 122 | 6.157 | 6.143 | 6.172 | VV | 16083  | 245213 | 18.17% | 0.232% |
| 123 | 6.186 | 6.172 | 6.212 | VV | 16361  | 311300 | 23.07% | 0.295% |
| 124 | 6.230 | 6.212 | 6.247 | VV | 19024  | 292586 | 21.69% | 0.277% |
| 125 | 6.275 | 6.247 | 6.293 | VV | 19347  | 405697 | 30.07% | 0.384% |
| 126 | 6.301 | 6.293 | 6.316 | VV | 13570  | 175913 | 13.04% | 0.167% |
| 127 | 6.325 | 6.316 | 6.355 | VV | 11865  | 217401 | 16.11% | 0.206% |
| 128 | 6.371 | 6.355 | 6.401 | VV | 11410  | 239475 | 17.75% | 0.227% |
| 129 | 6.439 | 6.401 | 6.453 | VV | 11888  | 293937 | 21.79% | 0.278% |
| 130 | 6.461 | 6.453 | 6.465 | VV | 10323  | 73923  | 5.48%  | 0.070% |
| 131 | 6.477 | 6.465 | 6.482 | VV | 11952  | 115036 | 8.53%  | 0.109% |
| 132 | 6.502 | 6.482 | 6.524 | VV | 52692  | 718001 | 53.22% | 0.680% |
| 133 | 6.540 | 6.524 | 6.562 | VV | 28363  | 442659 | 32.81% | 0.419% |
| 134 | 6.573 | 6.562 | 6.585 | VV | 12781  | 146068 | 10.83% | 0.138% |
| 135 | 6.595 | 6.585 | 6.600 | VV | 10582  | 97351  | 7.22%  | 0.092% |
| 136 | 6.629 | 6.600 | 6.647 | VV | 16788  | 358857 | 26.60% | 0.340% |
| 137 | 6.673 | 6.647 | 6.697 | VV | 27733  | 520991 | 38.61% | 0.493% |
| 138 | 6.709 | 6.697 | 6.722 | VV | 14128  | 172865 | 12.81% | 0.164% |
| 139 | 6.747 | 6.722 | 6.771 | VV | 19846  | 417400 | 30.94% | 0.395% |
| 140 | 6.775 | 6.771 | 6.781 | VV | 8310   | 47895  | 3.55%  | 0.045% |
| 141 | 6.811 | 6.781 | 6.829 | VV | 15449  | 343736 | 25.48% | 0.325% |

|     |       |       |       |    | rteres |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 142 | 6.850 | 6.829 | 6.862 | VV | 19652  | 313043  | 23.20% | 0.296% |
| 143 | 6.875 | 6.862 | 6.892 | VV | 21018  | 305826  | 22.67% | 0.290% |
| 144 | 6.911 | 6.892 | 6.941 | VV | 21602  | 450095  | 33.36% | 0.426% |
| 145 | 6.966 | 6.941 | 7.010 | VV | 18489  | 555593  | 41.18% | 0.526% |
| 146 | 7.018 | 7.010 | 7.033 | VV | 10055  | 123186  | 9.13%  | 0.117% |
| 147 | 7.057 | 7.033 | 7.095 | VV | 61826  | 1047906 | 77.67% | 0.992% |
| 148 | 7.114 | 7.095 | 7.134 | VV | 19770  | 350178  | 25.95% | 0.332% |
| 149 | 7.156 | 7.134 | 7.174 | VV | 24771  | 390813  | 28.97% | 0.370% |
| 150 | 7.182 | 7.174 | 7.192 | VV | 13168  | 136470  | 10.11% | 0.129% |
| 151 | 7.201 | 7.192 | 7.215 | VV | 13037  | 169662  | 12.57% | 0.161% |
| 152 | 7.244 | 7.215 | 7.305 | VV | 17517  | 738150  | 54.71% | 0.699% |
| 153 | 7.330 | 7.305 | 7.353 | VV | 16788  | 382635  | 28.36% | 0.362% |
| 154 | 7.365 | 7.353 | 7.382 | VV | 14799  | 233740  | 17.32% | 0.221% |
| 155 | 7.411 | 7.382 | 7.428 | VV | 15284  | 364314  | 27.00% | 0.345% |
| 156 | 7.453 | 7.428 | 7.482 | VV | 34202  | 656526  | 48.66% | 0.622% |
| 157 | 7.500 | 7.482 | 7.521 | VV | 15507  | 269553  | 19.98% | 0.255% |
| 158 | 7.541 | 7.521 | 7.546 | VV | 10929  | 141043  | 10.45% | 0.134% |
| 159 | 7.564 | 7.546 | 7.578 | VV | 15264  | 247251  | 18.33% | 0.234% |
| 160 | 7.615 | 7.578 | 7.632 | VV | 26839  | 558900  | 41.42% | 0.529% |
| 161 | 7.644 | 7.632 | 7.683 | VV | 15345  | 358090  | 26.54% | 0.339% |
| 162 | 7.706 | 7.683 | 7.724 | VV | 17511  | 309765  | 22.96% | 0.293% |
| 163 | 7.750 | 7.724 | 7.770 | VV | 13831  | 334206  | 24.77% | 0.316% |
| 164 | 7.794 | 7.770 | 7.814 | VV | 12498  | 296508  | 21.98% | 0.281% |
| 165 | 7.855 | 7.814 | 7.870 | VV | 16711  | 484487  | 35.91% | 0.459% |
| 166 | 7.882 | 7.870 | 7.930 | VV | 16863  | 488170  | 36.18% | 0.462% |
| 167 | 7.973 | 7.930 | 8.002 | VV | 61362  | 1121711 | 83.14% | 1.062% |
| 168 | 8.022 | 8.002 | 8.043 | VV | 19833  | 371957  | 27.57% | 0.352% |
| 169 | 8.068 | 8.043 | 8.084 | VV | 31697  | 527456  | 39.09% | 0.499% |
| 170 | 8.098 | 8.084 | 8.124 | VV | 23350  | 456823  | 33.86% | 0.432% |
| 171 | 8.132 | 8.124 | 8.167 | VV | 17011  | 367186  | 27.21% | 0.348% |
| 172 | 8.200 | 8.167 | 8.214 | VV | 20093  | 455019  | 33.72% | 0.431% |
| 173 | 8.224 | 8.214 | 8.232 | VV | 17611  | 187283  | 13.88% | 0.177% |
| 174 | 8.243 | 8.232 | 8.262 | VV | 20326  | 316251  | 23.44% | 0.299% |
| 175 | 8.272 | 8.262 | 8.284 | VV | 13369  | 164782  | 12.21% | 0.156% |
| 176 | 8.305 | 8.284 | 8.324 | VV | 24398  | 408823  | 30.30% | 0.387% |
| 177 | 8.341 | 8.324 | 8.354 | VV | 16806  | 275831  | 20.44% | 0.261% |
| 178 | 8.365 | 8.354 | 8.382 | VV | 16729  | 249883  | 18.52% | 0.237% |
| 179 | 8.398 | 8.382 | 8.417 | VV | 14928  | 278055  | 20.61% | 0.263% |
| 180 | 8.439 | 8.417 | 8.464 | VV | 15029  | 359293  | 26.63% | 0.340% |
| 181 | 8.481 | 8.464 | 8.491 | VV | 12203  | 178351  | 13.22% | 0.169% |
| 182 | 8.509 | 8.491 | 8.526 | VV | 23192  | 359356  | 26.63% | 0.340% |
| 183 | 8.540 | 8.526 | 8.559 | VV | 16705  | 306622  | 22.73% | 0.290% |
| 184 | 8.569 | 8.559 | 8.588 | VV | 12316  | 192163  | 14.24% | 0.182% |
| 185 | 8.607 | 8.588 | 8.630 | VV | 21096  | 390781  | 28.96% | 0.370% |
| 186 | 8.668 | 8.630 | 8.673 | VV | 20280  | 391145  | 28.99% | 0.370% |
| 187 | 8.693 | 8.673 | 8.727 | VV | 56336  | 917955  | 68.04% | 0.869% |
| 188 | 8.735 | 8.727 | 8.750 | VV | 11834  | 159607  | 11.83% | 0.151% |
| 189 | 8.767 | 8.750 | 8.780 | VV | 17769  | 261452  | 19.38% | 0.248% |
| 190 | 8.792 | 8.780 | 8.810 | VV | 18386  | 294348  | 21.82% | 0.279% |
| 191 | 8.836 | 8.810 | 8.853 | VV | 17793  | 401840  | 29.78% | 0.380% |
| 192 | 8.865 | 8.853 | 8.885 | VV | 14355  | 244271  | 18.10% | 0.231% |
| 193 | 8.916 | 8.885 | 8.945 | VV | 20950  | 572498  | 42.43% | 0.542% |
| 194 | 8.962 | 8.945 | 8.979 | VV | 22903  | 365424  | 27.08% | 0.346% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 9.003  | 8.979  | 9.043  | VV | 26108  | 619257  | 45.90%  | 0.586% |
| 196 | 9.063  | 9.043  | 9.084  | VV | 16923  | 312143  | 23.13%  | 0.296% |
| 197 | 9.118  | 9.084  | 9.137  | VV | 22391  | 466278  | 34.56%  | 0.441% |
| 198 | 9.149  | 9.137  | 9.163  | VV | 14418  | 195065  | 14.46%  | 0.185% |
| 199 | 9.180  | 9.163  | 9.191  | VV | 12388  | 180771  | 13.40%  | 0.171% |
| 200 | 9.215  | 9.191  | 9.220  | VV | 11995  | 196872  | 14.59%  | 0.186% |
| 201 | 9.256  | 9.220  | 9.294  | VV | 21841  | 636579  | 47.18%  | 0.603% |
| 202 | 9.305  | 9.294  | 9.320  | VV | 12103  | 175153  | 12.98%  | 0.166% |
| 203 | 9.354  | 9.320  | 9.393  | VV | 22789  | 639895  | 47.43%  | 0.606% |
| 204 | 9.418  | 9.393  | 9.459  | VV | 23519  | 638426  | 47.32%  | 0.604% |
| 205 | 9.462  | 9.459  | 9.466  | VV | 10462  | 44102   | 3.27%   | 0.042% |
| 206 | 9.496  | 9.466  | 9.500  | VV | 12568  | 230966  | 17.12%  | 0.219% |
| 207 | 9.518  | 9.500  | 9.534  | VV | 20140  | 333465  | 24.72%  | 0.316% |
| 208 | 9.540  | 9.534  | 9.561  | VV | 14565  | 195276  | 14.47%  | 0.185% |
| 209 | 9.583  | 9.561  | 9.640  | VV | 10901  | 429844  | 31.86%  | 0.407% |
| 210 | 9.668  | 9.640  | 9.689  | VV | 13604  | 330945  | 24.53%  | 0.313% |
| 211 | 9.715  | 9.689  | 9.743  | VV | 20443  | 492180  | 36.48%  | 0.466% |
| 212 | 9.760  | 9.743  | 9.778  | VV | 15954  | 298509  | 22.12%  | 0.283% |
| 213 | 9.792  | 9.778  | 9.804  | VV | 12388  | 184438  | 13.67%  | 0.175% |
| 214 | 9.819  | 9.804  | 9.830  | VV | 13096  | 189932  | 14.08%  | 0.180% |
| 215 | 9.861  | 9.830  | 9.901  | VV | 14589  | 478018  | 35.43%  | 0.453% |
| 216 | 9.926  | 9.901  | 9.957  | VV | 13722  | 353445  | 26.20%  | 0.335% |
| 217 | 9.970  | 9.957  | 9.980  | VV | 10045  | 133626  | 9.90%   | 0.127% |
| 218 | 9.993  | 9.980  | 10.014 | VV | 10685  | 193059  | 14.31%  | 0.183% |
| 219 | 10.038 | 10.014 | 10.059 | VV | 11006  | 259984  | 19.27%  | 0.246% |
| 220 | 10.084 | 10.059 | 10.100 | VV | 14247  | 273768  | 20.29%  | 0.259% |
| 221 | 10.108 | 10.100 | 10.119 | VV | 9845   | 104952  | 7.78%   | 0.099% |
| 222 | 10.150 | 10.119 | 10.178 | VV | 47908  | 883278  | 65.47%  | 0.836% |
| 223 | 10.194 | 10.178 | 10.201 | VV | 14765  | 188526  | 13.97%  | 0.178% |
| 224 | 10.218 | 10.201 | 10.247 | VV | 17135  | 392558  | 29.09%  | 0.372% |
| 225 | 10.262 | 10.247 | 10.280 | VV | 14057  | 248976  | 18.45%  | 0.236% |
| 226 | 10.295 | 10.280 | 10.317 | VV | 16483  | 279399  | 20.71%  | 0.265% |
| 227 | 10.338 | 10.317 | 10.379 | VV | 13557  | 401147  | 29.73%  | 0.380% |
| 228 | 10.400 | 10.379 | 10.419 | VV | 12661  | 276055  | 20.46%  | 0.261% |
| 229 | 10.433 | 10.419 | 10.453 | VV | 14246  | 250853  | 18.59%  | 0.237% |
| 230 | 10.477 | 10.453 | 10.489 | VV | 15463  | 266529  | 19.75%  | 0.252% |
| 231 | 10.506 | 10.489 | 10.533 | VV | 16691  | 361850  | 26.82%  | 0.343% |
| 232 | 10.574 | 10.533 | 10.609 | VV | 69014  | 1349234 | 100.00% | 1.277% |
| 233 | 10.621 | 10.609 | 10.663 | VV | 14275  | 367986  | 27.27%  | 0.348% |
| 234 | 10.698 | 10.663 | 10.718 | VV | 11965  | 340970  | 25.27%  | 0.323% |
| 235 | 10.740 | 10.718 | 10.755 | VV | 13942  | 283442  | 21.01%  | 0.268% |
| 236 | 10.761 | 10.755 | 10.801 | VV | 13205  | 310092  | 22.98%  | 0.294% |
| 237 | 10.837 | 10.801 | 10.865 | VV | 12858  | 408735  | 30.29%  | 0.387% |
| 238 | 10.897 | 10.865 | 10.943 | VV | 17424  | 522561  | 38.73%  | 0.495% |
| 239 | 10.979 | 10.943 | 10.997 | VV | 10725  | 304140  | 22.54%  | 0.288% |
| 240 | 11.056 | 10.997 | 11.078 | VV | 12143  | 491100  | 36.40%  | 0.465% |
| 241 | 11.102 | 11.078 | 11.123 | VV | 11320  | 276884  | 20.52%  | 0.262% |
| 242 | 11.139 | 11.123 | 11.145 | VV | 12223  | 153583  | 11.38%  | 0.145% |
| 243 | 11.152 | 11.145 | 11.155 | VV | 11686  | 68720   | 5.09%   | 0.065% |
| 244 | 11.160 | 11.155 | 11.185 | VV | 11829  | 199095  | 14.76%  | 0.188% |
| 245 | 11.204 | 11.185 | 11.214 | VV | 11892  | 191683  | 14.21%  | 0.181% |
| 246 | 11.226 | 11.214 | 11.251 | VV | 12283  | 250259  | 18.55%  | 0.237% |

| rteres |        |        |        |    |       |        |        |        |
|--------|--------|--------|--------|----|-------|--------|--------|--------|
| 247    | 11.299 | 11.251 | 11.329 | VV | 43845 | 963340 | 71.40% | 0.912% |
| 248    | 11.342 | 11.329 | 11.355 | VV | 10894 | 156412 | 11.59% | 0.148% |
| 249    | 11.361 | 11.355 | 11.384 | VV | 9694  | 157053 | 11.64% | 0.149% |
| 250    | 11.404 | 11.384 | 11.426 | VV | 12024 | 245677 | 18.21% | 0.233% |
| 251    | 11.444 | 11.426 | 11.454 | VV | 8864  | 139959 | 10.37% | 0.133% |
| 252    | 11.488 | 11.454 | 11.526 | VV | 11944 | 454511 | 33.69% | 0.430% |
| 253    | 11.543 | 11.526 | 11.558 | VV | 10110 | 182901 | 13.56% | 0.173% |
| 254    | 11.578 | 11.558 | 11.600 | VV | 12219 | 256199 | 18.99% | 0.243% |
| 255    | 11.607 | 11.600 | 11.625 | VV | 8706  | 113000 | 8.38%  | 0.107% |
| 256    | 11.647 | 11.625 | 11.655 | VV | 9103  | 137516 | 10.19% | 0.130% |
| 257    | 11.667 | 11.655 | 11.671 | VV | 9316  | 88049  | 6.53%  | 0.083% |
| 258    | 11.697 | 11.671 | 11.712 | VV | 13247 | 276994 | 20.53% | 0.262% |
| 259    | 11.727 | 11.712 | 11.745 | VV | 11971 | 215246 | 15.95% | 0.204% |
| 260    | 11.757 | 11.745 | 11.790 | VV | 10571 | 247432 | 18.34% | 0.234% |
| 261    | 11.815 | 11.790 | 11.830 | VV | 9159  | 202117 | 14.98% | 0.191% |
| 262    | 11.857 | 11.830 | 11.882 | VV | 19917 | 430795 | 31.93% | 0.408% |
| 263    | 11.891 | 11.882 | 11.932 | VV | 10450 | 263998 | 19.57% | 0.250% |
| 264    | 11.953 | 11.932 | 11.969 | VV | 9836  | 178574 | 13.24% | 0.169% |
| 265    | 11.992 | 11.969 | 12.044 | VV | 10341 | 393746 | 29.18% | 0.373% |
| 266    | 12.049 | 12.044 | 12.060 | VV | 7618  | 71389  | 5.29%  | 0.068% |
| 267    | 12.086 | 12.060 | 12.109 | VV | 10782 | 267203 | 19.80% | 0.253% |
| 268    | 12.120 | 12.109 | 12.146 | VV | 9096  | 180096 | 13.35% | 0.171% |
| 269    | 12.167 | 12.146 | 12.188 | VV | 8501  | 192590 | 14.27% | 0.182% |
| 270    | 12.196 | 12.188 | 12.212 | VV | 7681  | 103481 | 7.67%  | 0.098% |
| 271    | 12.231 | 12.212 | 12.280 | VV | 8884  | 292589 | 21.69% | 0.277% |
| 272    | 12.295 | 12.280 | 12.317 | VV | 7411  | 153684 | 11.39% | 0.145% |
| 273    | 12.322 | 12.317 | 12.329 | VV | 6831  | 46491  | 3.45%  | 0.044% |
| 274    | 12.345 | 12.329 | 12.354 | VV | 8095  | 112243 | 8.32%  | 0.106% |
| 275    | 12.358 | 12.354 | 12.376 | VV | 8031  | 98827  | 7.32%  | 0.094% |
| 276    | 12.389 | 12.376 | 12.408 | VV | 7548  | 142072 | 10.53% | 0.135% |
| 277    | 12.448 | 12.408 | 12.473 | VV | 15123 | 394757 | 29.26% | 0.374% |
| 278    | 12.481 | 12.473 | 12.487 | VV | 9430  | 74264  | 5.50%  | 0.070% |
| 279    | 12.493 | 12.487 | 12.502 | VV | 9587  | 84777  | 6.28%  | 0.080% |
| 280    | 12.522 | 12.502 | 12.550 | VV | 11276 | 250228 | 18.55% | 0.237% |
| 281    | 12.564 | 12.550 | 12.576 | VV | 6953  | 103702 | 7.69%  | 0.098% |
| 282    | 12.586 | 12.576 | 12.599 | VV | 7365  | 92498  | 6.86%  | 0.088% |
| 283    | 12.603 | 12.599 | 12.609 | VV | 6388  | 37882  | 2.81%  | 0.036% |
| 284    | 12.632 | 12.609 | 12.653 | VV | 7465  | 174918 | 12.96% | 0.166% |
| 285    | 12.668 | 12.653 | 12.690 | VV | 8379  | 154653 | 11.46% | 0.146% |
| 286    | 12.696 | 12.690 | 12.727 | VV | 6872  | 121358 | 8.99%  | 0.115% |
| 287    | 12.733 | 12.727 | 12.739 | VV | 5269  | 37380  | 2.77%  | 0.035% |
| 288    | 12.748 | 12.739 | 12.758 | VV | 5498  | 56052  | 4.15%  | 0.053% |
| 289    | 12.780 | 12.758 | 12.790 | VV | 5408  | 98415  | 7.29%  | 0.093% |
| 290    | 12.806 | 12.790 | 12.840 | VV | 6530  | 169443 | 12.56% | 0.160% |
| 291    | 12.862 | 12.840 | 12.887 | VV | 7007  | 171545 | 12.71% | 0.162% |
| 292    | 12.902 | 12.887 | 12.921 | VV | 6587  | 110785 | 8.21%  | 0.105% |
| 293    | 12.959 | 12.921 | 12.967 | VV | 5833  | 138059 | 10.23% | 0.131% |
| 294    | 12.975 | 12.967 | 12.988 | VV | 6211  | 73684  | 5.46%  | 0.070% |
| 295    | 13.024 | 12.988 | 13.063 | VV | 13235 | 392491 | 29.09% | 0.372% |
| 296    | 13.071 | 13.063 | 13.091 | VV | 7065  | 105669 | 7.83%  | 0.100% |
| 297    | 13.101 | 13.091 | 13.123 | VV | 5680  | 92901  | 6.89%  | 0.088% |
| 298    | 13.152 | 13.123 | 13.177 | VV | 6988  | 192087 | 14.24% | 0.182% |
| 299    | 13.204 | 13.177 | 13.221 | VV | 7527  | 160412 | 11.89% | 0.152% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 300 | 13.237 | 13.221 | 13.247 | VV | 5728   | 81294  | 6.03%  | 0.077% |
| 301 | 13.262 | 13.247 | 13.279 | VV | 5613   | 98308  | 7.29%  | 0.093% |
| 302 | 13.296 | 13.279 | 13.325 | VV | 7067   | 146664 | 10.87% | 0.139% |
| 303 | 13.366 | 13.325 | 13.390 | VV | 10870  | 269022 | 19.94% | 0.255% |
| 304 | 13.409 | 13.390 | 13.430 | VV | 6827   | 142038 | 10.53% | 0.134% |
| 305 | 13.455 | 13.430 | 13.492 | VV | 7359   | 210441 | 15.60% | 0.199% |
| 306 | 13.501 | 13.492 | 13.513 | VV | 5055   | 56696  | 4.20%  | 0.054% |
| 307 | 13.520 | 13.513 | 13.525 | VV | 4248   | 29224  | 2.17%  | 0.028% |
| 308 | 13.536 | 13.525 | 13.541 | VV | 4568   | 40162  | 2.98%  | 0.038% |
| 309 | 13.578 | 13.541 | 13.598 | VV | 8290   | 212539 | 15.75% | 0.201% |
| 310 | 13.604 | 13.598 | 13.613 | VV | 6122   | 53141  | 3.94%  | 0.050% |
| 311 | 13.639 | 13.613 | 13.690 | VV | 10036  | 303932 | 22.53% | 0.288% |
| 312 | 13.715 | 13.690 | 13.727 | VV | 6684   | 124075 | 9.20%  | 0.117% |
| 313 | 13.733 | 13.727 | 13.755 | VV | 6814   | 90636  | 6.72%  | 0.086% |
| 314 | 13.770 | 13.755 | 13.789 | VV | 6248   | 106553 | 7.90%  | 0.101% |
| 315 | 13.794 | 13.789 | 13.799 | VV | 4860   | 27820  | 2.06%  | 0.026% |
| 316 | 13.815 | 13.799 | 13.837 | VV | 6116   | 122960 | 9.11%  | 0.116% |
| 317 | 13.854 | 13.837 | 13.860 | VV | 6504   | 79898  | 5.92%  | 0.076% |
| 318 | 13.864 | 13.860 | 13.872 | VV | 6241   | 41952  | 3.11%  | 0.040% |
| 319 | 13.877 | 13.872 | 13.897 | VV | 6519   | 80344  | 5.95%  | 0.076% |
| 320 | 13.961 | 13.897 | 13.991 | VV | 11152  | 392549 | 29.09% | 0.372% |
| 321 | 14.027 | 13.991 | 14.061 | VV | 7368   | 258519 | 19.16% | 0.245% |
| 322 | 14.082 | 14.061 | 14.094 | VV | 6001   | 109371 | 8.11%  | 0.104% |
| 323 | 14.113 | 14.094 | 14.151 | VV | 7774   | 228090 | 16.91% | 0.216% |
| 324 | 14.166 | 14.151 | 14.181 | VV | 6925   | 109560 | 8.12%  | 0.104% |
| 325 | 14.194 | 14.181 | 14.210 | VV | 7470   | 116021 | 8.60%  | 0.110% |
| 326 | 14.221 | 14.210 | 14.245 | VV | 7253   | 132809 | 9.84%  | 0.126% |
| 327 | 14.250 | 14.245 | 14.265 | VV | 5744   | 61322  | 4.54%  | 0.058% |
| 328 | 14.282 | 14.265 | 14.286 | VV | 5644   | 68516  | 5.08%  | 0.065% |
| 329 | 14.294 | 14.286 | 14.304 | VV | 6159   | 60526  | 4.49%  | 0.057% |
| 330 | 14.308 | 14.304 | 14.320 | VV | 5458   | 49288  | 3.65%  | 0.047% |
| 331 | 14.373 | 14.320 | 14.393 | VV | 7901   | 292677 | 21.69% | 0.277% |
| 332 | 14.416 | 14.393 | 14.422 | VV | 10832  | 156480 | 11.60% | 0.148% |
| 333 | 14.427 | 14.422 | 14.485 | VV | 10184  | 274649 | 20.36% | 0.260% |
| 334 | 14.538 | 14.485 | 14.559 | VV | 8458   | 303345 | 22.48% | 0.287% |
| 335 | 14.571 | 14.559 | 14.598 | VV | 8782   | 178470 | 13.23% | 0.169% |
| 336 | 14.608 | 14.598 | 14.615 | VV | 6897   | 69728  | 5.17%  | 0.066% |
| 337 | 14.631 | 14.615 | 14.649 | VV | 7751   | 137796 | 10.21% | 0.130% |
| 338 | 14.672 | 14.649 | 14.677 | VV | 7360   | 112059 | 8.31%  | 0.106% |
| 339 | 14.682 | 14.677 | 14.695 | VV | 7230   | 71698  | 5.31%  | 0.068% |
| 340 | 14.716 | 14.695 | 14.722 | VV | 7530   | 110199 | 8.17%  | 0.104% |
| 341 | 14.746 | 14.722 | 14.768 | VV | 8656   | 213569 | 15.83% | 0.202% |
| 342 | 14.774 | 14.768 | 14.788 | VV | 6658   | 75122  | 5.57%  | 0.071% |
| 343 | 14.793 | 14.788 | 14.802 | VV | 6535   | 50259  | 3.72%  | 0.048% |
| 344 | 14.820 | 14.802 | 14.826 | VV | 6962   | 90042  | 6.67%  | 0.085% |
| 345 | 14.847 | 14.826 | 14.860 | VV | 8123   | 154192 | 11.43% | 0.146% |
| 346 | 14.899 | 14.860 | 14.910 | VV | 9604   | 260742 | 19.33% | 0.247% |
| 347 | 14.915 | 14.910 | 14.934 | VV | 8503   | 114331 | 8.47%  | 0.108% |
| 348 | 14.977 | 14.934 | 15.017 | VV | 11024  | 428623 | 31.77% | 0.406% |
| 349 | 15.037 | 15.017 | 15.050 | VV | 8338   | 150494 | 11.15% | 0.142% |
| 350 | 15.071 | 15.050 | 15.084 | VV | 9445   | 175690 | 13.02% | 0.166% |
| 351 | 15.097 | 15.084 | 15.112 | VV | 10378  | 155713 | 11.54% | 0.147% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 352 | 15.125 | 15.112 | 15.145 | VV | 9350   | 174778 | 12.95% | 0.165% |
| 353 | 15.159 | 15.145 | 15.164 | VV | 8683   | 89991  | 6.67%  | 0.085% |
| 354 | 15.172 | 15.164 | 15.190 | VV | 9400   | 142249 | 10.54% | 0.135% |
| 355 | 15.200 | 15.190 | 15.208 | VV | 8278   | 82674  | 6.13%  | 0.078% |
| 356 | 15.224 | 15.208 | 15.229 | VV | 8412   | 103070 | 7.64%  | 0.098% |
| 357 | 15.272 | 15.229 | 15.332 | VV | 11282  | 575104 | 42.62% | 0.544% |
| 358 | 15.341 | 15.332 | 15.347 | VV | 9527   | 80190  | 5.94%  | 0.076% |
| 359 | 15.389 | 15.347 | 15.414 | VV | 16330  | 521820 | 38.68% | 0.494% |
| 360 | 15.417 | 15.414 | 15.488 | VV | 13260  | 469392 | 34.79% | 0.444% |
| 361 | 15.494 | 15.488 | 15.498 | VV | 8858   | 49898  | 3.70%  | 0.047% |
| 362 | 15.504 | 15.498 | 15.511 | VV | 9221   | 67246  | 4.98%  | 0.064% |
| 363 | 15.537 | 15.511 | 15.545 | VV | 9522   | 178881 | 13.26% | 0.169% |
| 364 | 15.554 | 15.545 | 15.560 | VV | 9637   | 82431  | 6.11%  | 0.078% |
| 365 | 15.577 | 15.560 | 15.591 | VV | 10764  | 188738 | 13.99% | 0.179% |
| 366 | 15.612 | 15.591 | 15.631 | VV | 12141  | 258859 | 19.19% | 0.245% |
| 367 | 15.670 | 15.631 | 15.718 | VV | 16522  | 655480 | 48.58% | 0.621% |
| 368 | 15.722 | 15.718 | 15.728 | VV | 10799  | 65305  | 4.84%  | 0.062% |
| 369 | 15.750 | 15.728 | 15.779 | VV | 12076  | 322245 | 23.88% | 0.305% |
| 370 | 15.791 | 15.779 | 15.797 | VV | 10571  | 110045 | 8.16%  | 0.104% |
| 371 | 15.812 | 15.797 | 15.825 | VV | 10674  | 172070 | 12.75% | 0.163% |
| 372 | 15.832 | 15.825 | 15.837 | VV | 11025  | 79372  | 5.88%  | 0.075% |
| 373 | 15.843 | 15.837 | 15.849 | VV | 11091  | 73977  | 5.48%  | 0.070% |
| 374 | 15.859 | 15.849 | 15.865 | VV | 11548  | 108145 | 8.02%  | 0.102% |
| 375 | 15.903 | 15.865 | 15.948 | VV | 15294  | 612112 | 45.37% | 0.580% |
| 376 | 15.954 | 15.948 | 15.961 | VV | 10422  | 73262  | 5.43%  | 0.069% |
| 377 | 15.970 | 15.961 | 15.975 | VV | 9737   | 80618  | 5.98%  | 0.076% |
| 378 | 15.983 | 15.975 | 15.995 | VV | 10332  | 121698 | 9.02%  | 0.115% |
| 379 | 16.000 | 15.995 | 16.005 | VV | 10281  | 60292  | 4.47%  | 0.057% |
| 380 | 16.047 | 16.005 | 16.056 | VV | 14136  | 368007 | 27.28% | 0.348% |
| 381 | 16.060 | 16.056 | 16.080 | VV | 12407  | 170528 | 12.64% | 0.161% |
| 382 | 16.097 | 16.080 | 16.135 | VV | 14071  | 418144 | 30.99% | 0.396% |
| 383 | 16.148 | 16.135 | 16.156 | VV | 13936  | 161569 | 11.97% | 0.153% |
| 384 | 16.181 | 16.156 | 16.206 | VV | 19428  | 483064 | 35.80% | 0.457% |
| 385 | 16.225 | 16.206 | 16.268 | VV | 14692  | 482843 | 35.79% | 0.457% |
| 386 | 16.300 | 16.268 | 16.307 | VV | 13430  | 273274 | 20.25% | 0.259% |
| 387 | 16.312 | 16.307 | 16.319 | VV | 12313  | 88217  | 6.54%  | 0.084% |
| 388 | 16.328 | 16.319 | 16.344 | VV | 12919  | 172230 | 12.77% | 0.163% |
| 389 | 16.352 | 16.344 | 16.359 | VV | 11298  | 95477  | 7.08%  | 0.090% |
| 390 | 16.382 | 16.359 | 16.417 | VV | 12495  | 396972 | 29.42% | 0.376% |
| 391 | 16.437 | 16.417 | 16.461 | VV | 11471  | 278546 | 20.64% | 0.264% |
| 392 | 16.466 | 16.461 | 16.474 | VV | 10698  | 86177  | 6.39%  | 0.082% |
| 393 | 16.531 | 16.474 | 16.541 | VV | 13861  | 484804 | 35.93% | 0.459% |
| 394 | 16.559 | 16.541 | 16.564 | VV | 15267  | 190854 | 14.15% | 0.181% |
| 395 | 16.573 | 16.564 | 16.595 | VV | 16516  | 284029 | 21.05% | 0.269% |
| 396 | 16.602 | 16.595 | 16.630 | VV | 14346  | 271687 | 20.14% | 0.257% |
| 397 | 16.639 | 16.630 | 16.654 | VV | 12877  | 176851 | 13.11% | 0.167% |
| 398 | 16.675 | 16.654 | 16.726 | VV | 14218  | 520138 | 38.55% | 0.492% |
| 399 | 16.739 | 16.726 | 16.759 | VV | 10958  | 201023 | 14.90% | 0.190% |
| 400 | 16.771 | 16.759 | 16.777 | VV | 11103  | 111476 | 8.26%  | 0.106% |
| 401 | 16.784 | 16.777 | 16.789 | VV | 11311  | 79287  | 5.88%  | 0.075% |
| 402 | 16.802 | 16.789 | 16.809 | VV | 12217  | 139071 | 10.31% | 0.132% |
| 403 | 16.832 | 16.809 | 16.853 | VV | 14673  | 341462 | 25.31% | 0.323% |
| 404 | 16.862 | 16.853 | 16.877 | VV | 12502  | 164637 | 12.20% | 0.156% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 405 | 16.882 | 16.877 | 16.888 | VV | 10177  | 67003  | 4.97%  | 0.063% |
| 406 | 16.896 | 16.888 | 16.913 | VV | 10562  | 153173 | 11.35% | 0.145% |
| 407 | 16.947 | 16.913 | 16.959 | VV | 11838  | 296984 | 22.01% | 0.281% |
| 408 | 16.982 | 16.959 | 16.997 | VV | 13009  | 278053 | 20.61% | 0.263% |
| 409 | 17.002 | 16.997 | 17.006 | VV | 11807  | 59032  | 4.38%  | 0.056% |
| 410 | 17.042 | 17.006 | 17.072 | VV | 15852  | 527192 | 39.07% | 0.499% |
| 411 | 17.077 | 17.072 | 17.086 | VV | 10546  | 88629  | 6.57%  | 0.084% |
| 412 | 17.091 | 17.086 | 17.102 | VV | 10365  | 93023  | 6.89%  | 0.088% |
| 413 | 17.126 | 17.102 | 17.130 | VV | 11338  | 180550 | 13.38% | 0.171% |
| 414 | 17.136 | 17.130 | 17.159 | VV | 11408  | 185329 | 13.74% | 0.175% |
| 415 | 17.205 | 17.159 | 17.245 | VV | 11700  | 530551 | 39.32% | 0.502% |
| 416 | 17.261 | 17.245 | 17.265 | VV | 10035  | 115453 | 8.56%  | 0.109% |
| 417 | 17.277 | 17.265 | 17.285 | VV | 10471  | 115917 | 8.59%  | 0.110% |
| 418 | 17.290 | 17.285 | 17.302 | VV | 10686  | 102963 | 7.63%  | 0.097% |
| 419 | 17.307 | 17.302 | 17.314 | VV | 8829   | 60311  | 4.47%  | 0.057% |
| 420 | 17.321 | 17.314 | 17.334 | VV | 9848   | 107999 | 8.00%  | 0.102% |
| 421 | 17.340 | 17.334 | 17.346 | VV | 7812   | 52121  | 3.86%  | 0.049% |
| 422 | 17.380 | 17.346 | 17.386 | VV | 12629  | 246277 | 18.25% | 0.233% |
| 423 | 17.389 | 17.386 | 17.424 | VV | 11944  | 238518 | 17.68% | 0.226% |
| 424 | 17.432 | 17.424 | 17.447 | VV | 9968   | 127402 | 9.44%  | 0.121% |
| 425 | 17.456 | 17.447 | 17.479 | VV | 8816   | 163209 | 12.10% | 0.155% |
| 426 | 17.485 | 17.479 | 17.493 | VV | 8289   | 65863  | 4.88%  | 0.062% |
| 427 | 17.499 | 17.493 | 17.517 | VV | 8244   | 112618 | 8.35%  | 0.107% |
| 428 | 17.531 | 17.517 | 17.549 | VV | 8049   | 140399 | 10.41% | 0.133% |
| 429 | 17.555 | 17.549 | 17.560 | VV | 6858   | 43310  | 3.21%  | 0.041% |
| 430 | 17.567 | 17.560 | 17.577 | VV | 7582   | 73493  | 5.45%  | 0.070% |
| 431 | 17.596 | 17.577 | 17.606 | VV | 8848   | 146698 | 10.87% | 0.139% |
| 432 | 17.633 | 17.606 | 17.648 | VV | 10195  | 222275 | 16.47% | 0.210% |
| 433 | 17.663 | 17.648 | 17.685 | VV | 9985   | 203087 | 15.05% | 0.192% |
| 434 | 17.697 | 17.685 | 17.719 | VV | 9231   | 156678 | 11.61% | 0.148% |
| 435 | 17.726 | 17.719 | 17.736 | VV | 7453   | 67592  | 5.01%  | 0.064% |
| 436 | 17.755 | 17.736 | 17.768 | VV | 6514   | 116168 | 8.61%  | 0.110% |
| 437 | 17.780 | 17.768 | 17.785 | VV | 6265   | 60957  | 4.52%  | 0.058% |
| 438 | 17.792 | 17.785 | 17.802 | VV | 6339   | 60566  | 4.49%  | 0.057% |
| 439 | 17.832 | 17.802 | 17.854 | VV | 9284   | 239500 | 17.75% | 0.227% |
| 440 | 17.858 | 17.854 | 17.900 | VV | 8521   | 187610 | 13.90% | 0.178% |
| 441 | 17.905 | 17.900 | 17.911 | VV | 5334   | 34598  | 2.56%  | 0.033% |
| 442 | 17.926 | 17.911 | 17.942 | VV | 6424   | 101524 | 7.52%  | 0.096% |
| 443 | 17.945 | 17.942 | 17.967 | VV | 5527   | 69693  | 5.17%  | 0.066% |
| 444 | 17.998 | 17.967 | 18.029 | VV | 6593   | 203381 | 15.07% | 0.193% |
| 445 | 18.048 | 18.029 | 18.058 | VV | 5653   | 87098  | 6.46%  | 0.082% |
| 446 | 18.072 | 18.058 | 18.117 | VV | 7065   | 190631 | 14.13% | 0.180% |
| 447 | 18.133 | 18.117 | 18.145 | VV | 5109   | 70626  | 5.23%  | 0.067% |
| 448 | 18.159 | 18.145 | 18.180 | VV | 3930   | 76968  | 5.70%  | 0.073% |
| 449 | 18.201 | 18.180 | 18.237 | VV | 7166   | 163223 | 12.10% | 0.155% |
| 450 | 18.246 | 18.237 | 18.256 | VV | 3215   | 31372  | 2.33%  | 0.030% |
| 451 | 18.261 | 18.256 | 18.283 | VV | 2914   | 42348  | 3.14%  | 0.040% |
| 452 | 18.293 | 18.283 | 18.298 | VV | 2531   | 19901  | 1.47%  | 0.019% |
| 453 | 18.303 | 18.298 | 18.309 | VV | 2632   | 14709  | 1.09%  | 0.014% |
| 454 | 18.328 | 18.309 | 18.344 | VV | 3352   | 59860  | 4.44%  | 0.057% |
| 455 | 18.350 | 18.344 | 18.370 | VV | 3146   | 39979  | 2.96%  | 0.038% |
| 456 | 18.377 | 18.370 | 18.383 | VV | 2498   | 17753  | 1.32%  | 0.017% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 457 | 18.408 | 18.383 | 18.422 | VV | 4343   | 82634  | 6.12%  | 0.078% |
| 458 | 18.429 | 18.422 | 18.457 | VV | 4024   | 57244  | 4.24%  | 0.054% |
| 459 | 18.466 | 18.457 | 18.480 | VV | 2214   | 25163  | 1.87%  | 0.024% |
| 460 | 18.499 | 18.480 | 18.510 | VV | 2970   | 37719  | 2.80%  | 0.036% |
|     |        |        |        |    |        |        |        |        |
| 461 | 18.544 | 18.510 | 18.572 | VV | 3160   | 79372  | 5.88%  | 0.075% |
| 462 | 18.577 | 18.572 | 18.596 | VV | 1644   | 18238  | 1.35%  | 0.017% |
| 463 | 18.626 | 18.596 | 18.649 | VV | 2958   | 62003  | 4.60%  | 0.059% |
| 464 | 18.654 | 18.649 | 18.662 | VV | 1543   | 10607  | 0.79%  | 0.010% |
| 465 | 18.682 | 18.662 | 18.702 | VV | 2351   | 40986  | 3.04%  | 0.039% |
|     |        |        |        |    |        |        |        |        |
| 466 | 18.734 | 18.702 | 18.760 | VV | 2749   | 62351  | 4.62%  | 0.059% |
| 467 | 18.768 | 18.760 | 18.777 | VV | 1344   | 11544  | 0.86%  | 0.011% |
| 468 | 18.797 | 18.777 | 18.804 | VV | 1596   | 21793  | 1.62%  | 0.021% |
| 469 | 18.814 | 18.804 | 18.830 | VV | 1914   | 27295  | 2.02%  | 0.026% |
| 470 | 18.841 | 18.830 | 18.857 | VV | 1631   | 22183  | 1.64%  | 0.021% |
|     |        |        |        |    |        |        |        |        |
| 471 | 18.876 | 18.857 | 18.882 | VV | 1403   | 17592  | 1.30%  | 0.017% |
| 472 | 18.890 | 18.882 | 18.895 | VV | 1528   | 9817   | 0.73%  | 0.009% |
| 473 | 18.916 | 18.895 | 18.924 | VV | 1972   | 27338  | 2.03%  | 0.026% |
| 474 | 18.949 | 18.924 | 18.961 | VV | 3185   | 55742  | 4.13%  | 0.053% |
| 475 | 18.967 | 18.961 | 18.990 | VV | 2194   | 27660  | 2.05%  | 0.026% |
|     |        |        |        |    |        |        |        |        |
| 476 | 18.996 | 18.990 | 19.000 | VV | 1091   | 5982   | 0.44%  | 0.006% |
| 477 | 19.005 | 19.000 | 19.016 | VV | 1194   | 9121   | 0.68%  | 0.009% |
| 478 | 19.029 | 19.016 | 19.057 | VV | 1298   | 22387  | 1.66%  | 0.021% |
| 479 | 19.067 | 19.057 | 19.078 | VV | 824    | 5877   | 0.44%  | 0.006% |
| 480 | 19.133 | 19.078 | 19.141 | PV | 2801   | 56864  | 4.21%  | 0.054% |
|     |        |        |        |    |        |        |        |        |
| 481 | 19.146 | 19.141 | 19.165 | VV | 2297   | 23516  | 1.74%  | 0.022% |
| 482 | 19.175 | 19.165 | 19.183 | VV | 1088   | 9233   | 0.68%  | 0.009% |
| 483 | 19.188 | 19.183 | 19.194 | VV | 738    | 3779   | 0.28%  | 0.004% |
| 484 | 19.217 | 19.194 | 19.224 | VV | 1154   | 14746  | 1.09%  | 0.014% |
| 485 | 19.228 | 19.224 | 19.237 | VV | 886    | 5049   | 0.37%  | 0.005% |
|     |        |        |        |    |        |        |        |        |
| 486 | 19.249 | 19.237 | 19.257 | VV | 905    | 7488   | 0.55%  | 0.007% |
| 487 | 19.263 | 19.257 | 19.272 | VV | 884    | 5696   | 0.42%  | 0.005% |
| 488 | 19.277 | 19.272 | 19.282 | VV | 730    | 3693   | 0.27%  | 0.003% |
| 489 | 19.346 | 19.282 | 19.412 | VV | 4038   | 127120 | 9.42%  | 0.120% |
| 490 | 19.433 | 19.412 | 19.441 | VV | 1091   | 13517  | 1.00%  | 0.013% |
|     |        |        |        |    |        |        |        |        |
| 491 | 19.451 | 19.441 | 19.475 | VV | 1000   | 14192  | 1.05%  | 0.013% |
| 492 | 19.483 | 19.475 | 19.489 | VV | 1001   | 5681   | 0.42%  | 0.005% |
| 493 | 19.493 | 19.489 | 19.498 | VV | 881    | 4190   | 0.31%  | 0.004% |
| 494 | 19.510 | 19.498 | 19.515 | VV | 1688   | 11674  | 0.87%  | 0.011% |
| 495 | 19.519 | 19.515 | 19.525 | VV | 1548   | 7639   | 0.57%  | 0.007% |
|     |        |        |        |    |        |        |        |        |
| 496 | 19.538 | 19.525 | 19.559 | VV | 1789   | 29109  | 2.16%  | 0.028% |
| 497 | 19.577 | 19.559 | 19.583 | VV | 1742   | 21830  | 1.62%  | 0.021% |
| 498 | 19.587 | 19.583 | 19.592 | VV | 1601   | 8047   | 0.60%  | 0.008% |
| 499 | 19.617 | 19.592 | 19.622 | VV | 1940   | 31519  | 2.34%  | 0.030% |
| 500 | 19.631 | 19.622 | 19.638 | VV | 2412   | 20017  | 1.48%  | 0.019% |
|     |        |        |        |    |        |        |        |        |
| 501 | 19.650 | 19.638 | 19.659 | VV | 2806   | 28937  | 2.14%  | 0.027% |
| 502 | 19.673 | 19.659 | 19.682 | VV | 2509   | 33829  | 2.51%  | 0.032% |
| 503 | 19.749 | 19.682 | 19.801 | VV | 4392   | 231853 | 17.18% | 0.220% |
| 504 | 19.861 | 19.801 | 19.885 | VV | 4018   | 167130 | 12.39% | 0.158% |
| 505 | 19.892 | 19.885 | 19.900 | VV | 3359   | 29846  | 2.21%  | 0.028% |
|     |        |        |        |    |        |        |        |        |
| 506 | 19.907 | 19.900 | 19.912 | VV | 3464   | 23486  | 1.74%  | 0.022% |
| 507 | 19.922 | 19.912 | 19.938 | VV | 4078   | 55277  | 4.10%  | 0.052% |
| 508 | 19.953 | 19.938 | 19.960 | VV | 4280   | 52063  | 3.86%  | 0.049% |
| 509 | 19.971 | 19.960 | 19.992 | VV | 4493   | 78827  | 5.84%  | 0.075% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 510 | 20.003 | 19.992 | 20.007 | VV | 4487   | 39363  | 2.92%  | 0.037% |
| 511 | 20.016 | 20.007 | 20.020 | VV | 4737   | 37022  | 2.74%  | 0.035% |
| 512 | 20.129 | 20.020 | 20.138 | VV | 8173   | 439525 | 32.58% | 0.416% |
| 513 | 20.159 | 20.138 | 20.180 | VV | 7772   | 187653 | 13.91% | 0.178% |
| 514 | 20.231 | 20.180 | 20.236 | VV | 7714   | 249098 | 18.46% | 0.236% |
| 515 | 20.257 | 20.236 | 20.272 | VV | 7889   | 164728 | 12.21% | 0.156% |
| 516 | 20.334 | 20.272 | 20.338 | VV | 9229   | 325444 | 24.12% | 0.308% |
| 517 | 20.344 | 20.338 | 20.351 | VV | 9318   | 68626  | 5.09%  | 0.065% |
| 518 | 20.391 | 20.351 | 20.395 | VV | 9852   | 252468 | 18.71% | 0.239% |
| 519 | 20.427 | 20.395 | 20.453 | VV | 10295  | 346138 | 25.65% | 0.328% |
| 520 | 20.459 | 20.453 | 20.464 | VV | 9856   | 62403  | 4.63%  | 0.059% |
| 521 | 20.469 | 20.464 | 20.483 | VV | 9965   | 110675 | 8.20%  | 0.105% |
| 522 | 20.487 | 20.483 | 20.491 | VV | 9530   | 47352  | 3.51%  | 0.045% |
| 523 | 20.503 | 20.491 | 20.525 | VV | 9963   | 195729 | 14.51% | 0.185% |
| 524 | 20.549 | 20.525 | 20.573 | VV | 10217  | 287711 | 21.32% | 0.272% |
| 525 | 20.581 | 20.573 | 20.590 | VV | 9694   | 98016  | 7.26%  | 0.093% |
| 526 | 20.602 | 20.590 | 20.610 | VV | 9416   | 109759 | 8.13%  | 0.104% |
| 527 | 20.622 | 20.610 | 20.632 | VV | 9426   | 123102 | 9.12%  | 0.117% |
| 528 | 20.660 | 20.632 | 20.689 | VV | 9307   | 301600 | 22.35% | 0.286% |
| 529 | 20.692 | 20.689 | 20.715 | VV | 8367   | 129195 | 9.58%  | 0.122% |
| 530 | 20.734 | 20.715 | 20.747 | VV | 7809   | 146852 | 10.88% | 0.139% |
| 531 | 20.765 | 20.747 | 20.795 | VV | 8049   | 219859 | 16.30% | 0.208% |
| 532 | 20.808 | 20.795 | 20.824 | VV | 7621   | 132873 | 9.85%  | 0.126% |
| 533 | 20.835 | 20.824 | 20.862 | VV | 7496   | 162802 | 12.07% | 0.154% |
| 534 | 20.876 | 20.862 | 20.885 | VV | 7206   | 93430  | 6.92%  | 0.088% |
| 535 | 20.893 | 20.885 | 20.914 | VV | 7026   | 120486 | 8.93%  | 0.114% |
| 536 | 20.937 | 20.914 | 20.944 | VV | 6834   | 121420 | 9.00%  | 0.115% |
| 537 | 20.964 | 20.944 | 21.065 | VV | 7200   | 435132 | 32.25% | 0.412% |
| 538 | 21.074 | 21.065 | 21.089 | VV | 4725   | 65505  | 4.85%  | 0.062% |
| 539 | 21.101 | 21.089 | 21.109 | VV | 4583   | 51909  | 3.85%  | 0.049% |
| 540 | 21.114 | 21.109 | 21.130 | VV | 4453   | 54769  | 4.06%  | 0.052% |
| 541 | 21.141 | 21.130 | 21.149 | VV | 4526   | 49292  | 3.65%  | 0.047% |
| 542 | 21.162 | 21.149 | 21.167 | VV | 4444   | 48056  | 3.56%  | 0.045% |
| 543 | 21.171 | 21.167 | 21.180 | VV | 4358   | 33677  | 2.50%  | 0.032% |
| 544 | 21.184 | 21.180 | 21.193 | VV | 4340   | 31137  | 2.31%  | 0.029% |
| 545 | 21.209 | 21.193 | 21.217 | VV | 4287   | 60292  | 4.47%  | 0.057% |
| 546 | 21.231 | 21.217 | 21.246 | VV | 4228   | 72014  | 5.34%  | 0.068% |
| 547 | 21.252 | 21.246 | 21.262 | VV | 4156   | 37603  | 2.79%  | 0.036% |
| 548 | 21.269 | 21.262 | 21.285 | VV | 3839   | 50991  | 3.78%  | 0.048% |
| 549 | 21.288 | 21.285 | 21.328 | VV | 3433   | 79097  | 5.86%  | 0.075% |
| 550 | 21.351 | 21.328 | 21.370 | VV | 3127   | 75220  | 5.57%  | 0.071% |
| 551 | 21.381 | 21.370 | 21.395 | VV | 3150   | 43926  | 3.26%  | 0.042% |
| 552 | 21.405 | 21.395 | 21.412 | VV | 3057   | 28690  | 2.13%  | 0.027% |
| 553 | 21.432 | 21.412 | 21.448 | VV | 2949   | 61201  | 4.54%  | 0.058% |
| 554 | 21.454 | 21.448 | 21.527 | VV | 2785   | 108269 | 8.02%  | 0.103% |
| 555 | 21.538 | 21.527 | 21.557 | VV | 1797   | 29656  | 2.20%  | 0.028% |
| 556 | 21.603 | 21.557 | 21.616 | VV | 1729   | 52112  | 3.86%  | 0.049% |
| 557 | 21.635 | 21.616 | 21.641 | VV | 1461   | 20140  | 1.49%  | 0.019% |
| 558 | 21.652 | 21.641 | 21.694 | VV | 1319   | 29529  | 2.19%  | 0.028% |
| 559 | 21.702 | 21.694 | 21.707 | VV | 681    | 4641   | 0.34%  | 0.004% |
| 560 | 21.716 | 21.707 | 21.739 | VV | 641    | 9194   | 0.68%  | 0.009% |
| 561 | 21.746 | 21.739 | 21.756 | VV | 344    | 2963   | 0.22%  | 0.003% |

|     |        |        |        |     |                         |       |           |        |
|-----|--------|--------|--------|-----|-------------------------|-------|-----------|--------|
|     |        |        |        |     | rteres                  |       |           |        |
| 562 | 21.759 | 21.756 | 21.780 | VV  | 253                     | 2474  | 0.18%     | 0.002% |
| 563 | 21.788 | 21.780 | 21.800 | PBA | 105                     | 23589 | 1.75%     | 0.022% |
|     |        |        |        |     | Sum of corrected areas: |       | 105626308 |        |

FG040122.M Fri Apr 08 12:02:24 2022