

rteres

Area Percent

## Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG060424\  
 Data File : FG013869.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Jun 2024 15:43  
 Sample : P2689-01MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG052824.M  
 Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 1.920       | 1.900        | 1.941      | BV       | 130            | 1817         | 0.04%          | 0.002%        |
| 2         | 1.979       | 1.941        | 2.041      | PV       | 107821         | 1601399      | 31.73%         | 1.553%        |
| 3         | 2.060       | 2.041        | 2.100      | VV       | 349            | 6868         | 0.14%          | 0.007%        |
| 4         | 2.124       | 2.100        | 2.134      | VV       | 95             | 1221         | 0.02%          | 0.001%        |
| 5         | 2.138       | 2.134        | 2.143      | PV       | 62             | 196          | 0.00%          | 0.000%        |
| 6         | 2.157       | 2.143        | 2.162      | PV       | 123            | 712          | 0.01%          | 0.001%        |
| 7         | 2.179       | 2.162        | 2.188      | VV       | 154            | 1633         | 0.03%          | 0.002%        |
| 8         | 2.214       | 2.188        | 2.235      | VV       | 564            | 10925        | 0.22%          | 0.011%        |
| 9         | 2.238       | 2.235        | 2.252      | VV       | 263            | 2602         | 0.05%          | 0.003%        |
| 10        | 2.268       | 2.252        | 2.350      | VV       | 4000           | 63554        | 1.26%          | 0.062%        |
| 11        | 2.376       | 2.350        | 2.415      | VV       | 276            | 6458         | 0.13%          | 0.006%        |
| 12        | 2.419       | 2.415        | 2.440      | VV       | 152            | 1723         | 0.03%          | 0.002%        |
| 13        | 2.451       | 2.440        | 2.467      | VV       | 152            | 1696         | 0.03%          | 0.002%        |
| 14        | 2.475       | 2.467        | 2.484      | VV       | 126            | 1065         | 0.02%          | 0.001%        |
| 15        | 2.489       | 2.484        | 2.500      | VV       | 153            | 1215         | 0.02%          | 0.001%        |
| 16        | 2.505       | 2.500        | 2.518      | VV       | 192            | 1409         | 0.03%          | 0.001%        |
| 17        | 2.524       | 2.518        | 2.530      | VV       | 167            | 934          | 0.02%          | 0.001%        |
| 18        | 2.550       | 2.530        | 2.573      | VV       | 208            | 4142         | 0.08%          | 0.004%        |
| 19        | 2.577       | 2.573        | 2.582      | VV       | 184            | 721          | 0.01%          | 0.001%        |
| 20        | 2.586       | 2.582        | 2.602      | VV       | 175            | 1435         | 0.03%          | 0.001%        |
| 21        | 2.607       | 2.602        | 2.614      | VV       | 121            | 649          | 0.01%          | 0.001%        |
| 22        | 2.619       | 2.614        | 2.626      | VV       | 140            | 772          | 0.02%          | 0.001%        |
| 23        | 2.660       | 2.626        | 2.665      | VV       | 307            | 3678         | 0.07%          | 0.004%        |
| 24        | 2.674       | 2.665        | 2.686      | VV       | 245            | 2683         | 0.05%          | 0.003%        |
| 25        | 2.693       | 2.686        | 2.708      | VV       | 193            | 1992         | 0.04%          | 0.002%        |
| 26        | 2.720       | 2.708        | 2.725      | VV       | 174            | 1252         | 0.02%          | 0.001%        |

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|----|-------|-------|-------|---------|------|-------|-------|--------|
| 27 | 2.730 | 2.725 | 2.752 | VV      | 152  | 1934  | 0.04% | 0.002% |
| 28 | 2.762 | 2.752 | 2.801 | VV      | 202  | 5098  | 0.10% | 0.005% |
| 29 | 2.806 | 2.801 | 2.811 | VV      | 156  | 901   | 0.02% | 0.001% |
| 30 | 2.822 | 2.811 | 2.846 | VV      | 189  | 3284  | 0.07% | 0.003% |
| 31 | 2.872 | 2.846 | 2.892 | VV      | 345  | 6517  | 0.13% | 0.006% |
| 32 | 2.901 | 2.892 | 2.905 | VV      | 315  | 2128  | 0.04% | 0.002% |
| 33 | 2.931 | 2.905 | 2.963 | VV      | 392  | 10278 | 0.20% | 0.010% |
| 34 | 2.984 | 2.963 | 3.017 | VV      | 509  | 10521 | 0.21% | 0.010% |
| 35 | 3.022 | 3.017 | 3.034 | VV      | 281  | 2467  | 0.05% | 0.002% |
| 36 | 3.037 | 3.034 | 3.042 | VV      | 274  | 1157  | 0.02% | 0.001% |
| 37 | 3.048 | 3.042 | 3.065 | VV      | 227  | 2386  | 0.05% | 0.002% |
| 38 | 3.073 | 3.065 | 3.080 | VV      | 193  | 1544  | 0.03% | 0.001% |
| 39 | 3.086 | 3.080 | 3.090 | VV      | 216  | 1168  | 0.02% | 0.001% |
| 40 | 3.107 | 3.090 | 3.153 | VV      | 3013 | 49815 | 0.99% | 0.048% |
| 41 | 3.166 | 3.153 | 3.214 | VV      | 788  | 19805 | 0.39% | 0.019% |
| 42 | 3.236 | 3.214 | 3.264 | VV      | 464  | 10823 | 0.21% | 0.010% |
| 43 | 3.267 | 3.264 | 3.281 | VV      | 304  | 2858  | 0.06% | 0.003% |
| 44 | 3.287 | 3.281 | 3.305 | VV      | 272  | 3596  | 0.07% | 0.003% |
| 45 | 3.312 | 3.305 | 3.324 | VV      | 243  | 2325  | 0.05% | 0.002% |
| 46 | 3.341 | 3.324 | 3.347 | VV      | 234  | 2680  | 0.05% | 0.003% |
| 47 | 3.354 | 3.347 | 3.360 | VV      | 238  | 1833  | 0.04% | 0.002% |
| 48 | 3.370 | 3.360 | 3.376 | VV      | 275  | 2280  | 0.05% | 0.002% |
| 49 | 3.383 | 3.376 | 3.402 | VV      | 273  | 3116  | 0.06% | 0.003% |
| 50 | 3.439 | 3.402 | 3.461 | VV      | 259  | 7275  | 0.14% | 0.007% |
| 51 | 3.479 | 3.461 | 3.514 | VV      | 309  | 7416  | 0.15% | 0.007% |
| 52 | 3.521 | 3.514 | 3.534 | VV      | 221  | 2471  | 0.05% | 0.002% |
| 53 | 3.552 | 3.534 | 3.557 | VV      | 256  | 3230  | 0.06% | 0.003% |
| 54 | 3.594 | 3.557 | 3.615 | VV      | 519  | 12189 | 0.24% | 0.012% |
| 55 | 3.620 | 3.615 | 3.630 | VV      | 295  | 2303  | 0.05% | 0.002% |
| 56 | 3.634 | 3.630 | 3.652 | VV      | 294  | 2742  | 0.05% | 0.003% |
| 57 | 3.657 | 3.652 | 3.662 | VV      | 239  | 1176  | 0.02% | 0.001% |
| 58 | 3.667 | 3.662 | 3.676 | VV      | 267  | 1808  | 0.04% | 0.002% |
| 59 | 3.692 | 3.676 | 3.713 | VV      | 397  | 6487  | 0.13% | 0.006% |
| 60 | 3.736 | 3.713 | 3.742 | VV      | 313  | 4791  | 0.09% | 0.005% |
| 61 | 3.744 | 3.742 | 3.757 | VV      | 323  | 2130  | 0.04% | 0.002% |
| 62 | 3.768 | 3.757 | 3.794 | VV      | 281  | 5107  | 0.10% | 0.005% |
| 63 | 3.802 | 3.794 | 3.809 | VV      | 257  | 2185  | 0.04% | 0.002% |
| 64 | 3.821 | 3.809 | 3.837 | VV      | 335  | 4544  | 0.09% | 0.004% |
| 65 | 3.842 | 3.837 | 3.854 | VV      | 267  | 2537  | 0.05% | 0.002% |
| 66 | 3.858 | 3.854 | 3.885 | VV      | 253  | 3739  | 0.07% | 0.004% |
| 67 | 3.893 | 3.885 | 3.899 | VV      | 221  | 1483  | 0.03% | 0.001% |
| 68 | 3.920 | 3.899 | 3.929 | VV      | 285  | 3821  | 0.08% | 0.004% |
| 69 | 3.932 | 3.929 | 3.944 | VV      | 232  | 1811  | 0.04% | 0.002% |
| 70 | 3.959 | 3.944 | 3.999 | VV      | 373  | 7911  | 0.16% | 0.008% |

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|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 71  | 4.004 | 3.999 | 4.011 | VV | 185    | 1144    | 0.02%  | 0.001% |
| 72  | 4.033 | 4.011 | 4.068 | VV | 1282   | 21824   | 0.43%  | 0.021% |
| 73  | 4.073 | 4.068 | 4.085 | VV | 442    | 3881    | 0.08%  | 0.004% |
| 74  | 4.089 | 4.085 | 4.093 | VV | 355    | 1548    | 0.03%  | 0.002% |
| 75  | 4.103 | 4.093 | 4.121 | VV | 953    | 11475   | 0.23%  | 0.011% |
| 76  | 4.134 | 4.121 | 4.187 | VV | 703    | 17156   | 0.34%  | 0.017% |
| 77  | 4.192 | 4.187 | 4.196 | VV | 275    | 1345    | 0.03%  | 0.001% |
| 78  | 4.210 | 4.196 | 4.220 | VV | 350    | 4384    | 0.09%  | 0.004% |
| 79  | 4.228 | 4.220 | 4.322 | VV | 4290   | 105877  | 2.10%  | 0.103% |
| 80  | 4.327 | 4.322 | 4.342 | VV | 823    | 9329    | 0.18%  | 0.009% |
| 81  | 4.348 | 4.342 | 4.414 | VV | 703    | 20802   | 0.41%  | 0.020% |
| 82  | 4.419 | 4.414 | 4.451 | VV | 373    | 7233    | 0.14%  | 0.007% |
| 83  | 4.490 | 4.451 | 4.559 | VV | 202351 | 2172916 | 43.05% | 2.107% |
| 84  | 4.563 | 4.559 | 4.584 | VV | 617    | 7634    | 0.15%  | 0.007% |
| 85  | 4.600 | 4.584 | 4.639 | VV | 741    | 15175   | 0.30%  | 0.015% |
| 86  | 4.663 | 4.639 | 4.678 | VV | 1212   | 15474   | 0.31%  | 0.015% |
| 87  | 4.690 | 4.678 | 4.712 | VV | 643    | 9993    | 0.20%  | 0.010% |
| 88  | 4.717 | 4.712 | 4.745 | VV | 368    | 5657    | 0.11%  | 0.005% |
| 89  | 4.752 | 4.745 | 4.762 | VV | 278    | 2375    | 0.05%  | 0.002% |
| 90  | 4.775 | 4.762 | 4.790 | VV | 302    | 4491    | 0.09%  | 0.004% |
| 91  | 4.794 | 4.790 | 4.799 | VV | 313    | 1439    | 0.03%  | 0.001% |
| 92  | 4.804 | 4.799 | 4.808 | VV | 317    | 1641    | 0.03%  | 0.002% |
| 93  | 4.810 | 4.808 | 4.846 | VV | 300    | 5374    | 0.11%  | 0.005% |
| 94  | 4.869 | 4.846 | 4.896 | VV | 496    | 10717   | 0.21%  | 0.010% |
| 95  | 4.905 | 4.896 | 4.940 | VV | 337    | 6748    | 0.13%  | 0.007% |
| 96  | 4.944 | 4.940 | 4.948 | VV | 252    | 1036    | 0.02%  | 0.001% |
| 97  | 4.971 | 4.948 | 4.982 | VV | 315    | 5103    | 0.10%  | 0.005% |
| 98  | 4.998 | 4.982 | 5.015 | VV | 286    | 4494    | 0.09%  | 0.004% |
| 99  | 5.042 | 5.015 | 5.048 | VV | 229    | 3221    | 0.06%  | 0.003% |
| 100 | 5.053 | 5.048 | 5.062 | VV | 233    | 1357    | 0.03%  | 0.001% |
| 101 | 5.069 | 5.062 | 5.072 | VV | 152    | 755     | 0.01%  | 0.001% |
| 102 | 5.077 | 5.072 | 5.097 | VV | 174    | 1647    | 0.03%  | 0.002% |
| 103 | 5.108 | 5.097 | 5.112 | VV | 234    | 1251    | 0.02%  | 0.001% |
| 104 | 5.118 | 5.112 | 5.129 | VV | 244    | 1984    | 0.04%  | 0.002% |
| 105 | 5.149 | 5.129 | 5.175 | VV | 315    | 5651    | 0.11%  | 0.005% |
| 106 | 5.180 | 5.175 | 5.185 | VV | 142    | 679     | 0.01%  | 0.001% |
| 107 | 5.190 | 5.185 | 5.196 | VV | 163    | 815     | 0.02%  | 0.001% |
| 108 | 5.201 | 5.196 | 5.223 | VV | 183    | 1710    | 0.03%  | 0.002% |
| 109 | 5.243 | 5.223 | 5.258 | VV | 271    | 3702    | 0.07%  | 0.004% |
| 110 | 5.264 | 5.258 | 5.295 | VV | 234    | 3548    | 0.07%  | 0.003% |
| 111 | 5.314 | 5.295 | 5.366 | VV | 346    | 7883    | 0.16%  | 0.008% |
| 112 | 5.376 | 5.366 | 5.386 | VV | 136    | 1076    | 0.02%  | 0.001% |
| 113 | 5.390 | 5.386 | 5.394 | VV | 77     | 300     | 0.01%  | 0.000% |

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|-----|-------|-------|-------|--------|--------|---------|--------|--------|
|     |       |       |       | rteres |        |         |        |        |
| 114 | 5.399 | 5.394 | 5.412 | VV     | 112    | 756     | 0.01%  | 0.001% |
| 115 | 5.438 | 5.412 | 5.470 | VV     | 2599   | 29746   | 0.59%  | 0.029% |
| 116 | 5.472 | 5.470 | 5.494 | VV     | 272    | 2187    | 0.04%  | 0.002% |
| 117 | 5.510 | 5.494 | 5.526 | VV     | 245    | 2850    | 0.06%  | 0.003% |
| 118 | 5.532 | 5.526 | 5.540 | VV     | 133    | 706     | 0.01%  | 0.001% |
| 119 | 5.566 | 5.540 | 5.581 | VV     | 164    | 2313    | 0.05%  | 0.002% |
| 120 | 5.585 | 5.581 | 5.604 | VV     | 56     | 492     | 0.01%  | 0.000% |
| 121 | 5.607 | 5.604 | 5.611 | VV     | 54     | 117     | 0.00%  | 0.000% |
| 122 | 5.632 | 5.611 | 5.648 | PV     | 867    | 10072   | 0.20%  | 0.010% |
| 123 | 5.670 | 5.648 | 5.695 | VV     | 7866   | 84869   | 1.68%  | 0.082% |
| 124 | 5.707 | 5.695 | 5.730 | VV     | 1529   | 20162   | 0.40%  | 0.020% |
| 125 | 5.739 | 5.730 | 5.767 | VV     | 558    | 8855    | 0.18%  | 0.009% |
| 126 | 5.774 | 5.767 | 5.781 | VV     | 212    | 1276    | 0.03%  | 0.001% |
| 127 | 5.814 | 5.781 | 5.839 | VV     | 325    | 7561    | 0.15%  | 0.007% |
| 128 | 5.843 | 5.839 | 5.858 | VV     | 134    | 1042    | 0.02%  | 0.001% |
| 129 | 5.897 | 5.858 | 5.925 | VV     | 402    | 9299    | 0.18%  | 0.009% |
| 130 | 5.929 | 5.925 | 5.944 | VV     | 155    | 986     | 0.02%  | 0.001% |
| 131 | 5.952 | 5.944 | 5.958 | VV     | 84     | 559     | 0.01%  | 0.001% |
| 132 | 5.969 | 5.958 | 5.985 | VV     | 122    | 1077    | 0.02%  | 0.001% |
| 133 | 6.000 | 5.985 | 6.005 | VV     | 113    | 762     | 0.02%  | 0.001% |
| 134 | 6.014 | 6.005 | 6.025 | VV     | 92     | 916     | 0.02%  | 0.001% |
| 135 | 6.049 | 6.025 | 6.054 | VV     | 146    | 1433    | 0.03%  | 0.001% |
| 136 | 6.061 | 6.054 | 6.065 | VV     | 173    | 874     | 0.02%  | 0.001% |
| 137 | 6.069 | 6.065 | 6.088 | VV     | 205    | 1915    | 0.04%  | 0.002% |
| 138 | 6.107 | 6.088 | 6.126 | VV     | 261    | 3676    | 0.07%  | 0.004% |
| 139 | 6.136 | 6.126 | 6.158 | VV     | 150    | 1832    | 0.04%  | 0.002% |
| 140 | 6.163 | 6.158 | 6.175 | VV     | 75     | 704     | 0.01%  | 0.001% |
| 141 | 6.196 | 6.175 | 6.216 | VV     | 443    | 5754    | 0.11%  | 0.006% |
| 142 | 6.235 | 6.216 | 6.251 | VV     | 588    | 8613    | 0.17%  | 0.008% |
| 143 | 6.256 | 6.251 | 6.297 | VV     | 355    | 6484    | 0.13%  | 0.006% |
| 144 | 6.310 | 6.297 | 6.328 | VV     | 229    | 3316    | 0.07%  | 0.003% |
| 145 | 6.332 | 6.328 | 6.338 | VV     | 82     | 424     | 0.01%  | 0.000% |
| 146 | 6.378 | 6.338 | 6.405 | VV     | 779    | 14040   | 0.28%  | 0.014% |
| 147 | 6.422 | 6.405 | 6.427 | VV     | 298    | 3240    | 0.06%  | 0.003% |
| 148 | 6.433 | 6.427 | 6.470 | VV     | 314    | 4710    | 0.09%  | 0.005% |
| 149 | 6.480 | 6.470 | 6.485 | VV     | 155    | 1192    | 0.02%  | 0.001% |
| 150 | 6.503 | 6.485 | 6.529 | VV     | 1108   | 13038   | 0.26%  | 0.013% |
| 151 | 6.550 | 6.529 | 6.569 | VV     | 358    | 5674    | 0.11%  | 0.006% |
| 152 | 6.574 | 6.569 | 6.590 | VV     | 262    | 2665    | 0.05%  | 0.003% |
| 153 | 6.595 | 6.590 | 6.602 | VV     | 223    | 1181    | 0.02%  | 0.001% |
| 154 | 6.619 | 6.602 | 6.632 | VV     | 197    | 2797    | 0.06%  | 0.003% |
| 155 | 6.663 | 6.632 | 6.729 | VV     | 232391 | 2327099 | 46.10% | 2.256% |
| 156 | 6.745 | 6.729 | 6.765 | VV     | 3684   | 39712   | 0.79%  | 0.039% |

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|-----|-------|-------|-------|--------|-------|--------|-------|--------|
|     |       |       |       | rteres |       |        |       |        |
| 157 | 6.785 | 6.765 | 6.850 | VV     | 36058 | 391632 | 7.76% | 0.380% |
| 158 | 6.856 | 6.850 | 6.880 | VV     | 515   | 6537   | 0.13% | 0.006% |
| 159 | 6.892 | 6.880 | 6.913 | VV     | 327   | 4930   | 0.10% | 0.005% |
| 160 | 6.924 | 6.913 | 6.936 | VV     | 314   | 3281   | 0.07% | 0.003% |
| 161 | 6.946 | 6.936 | 6.964 | VV     | 200   | 2328   | 0.05% | 0.002% |
| 162 | 6.971 | 6.964 | 6.975 | VV     | 106   | 481    | 0.01% | 0.000% |
| 163 | 6.995 | 6.975 | 7.017 | VV     | 201   | 3078   | 0.06% | 0.003% |
| 164 | 7.023 | 7.017 | 7.035 | VV     | 133   | 638    | 0.01% | 0.001% |
| 165 | 7.043 | 7.035 | 7.046 | VV     | 118   | 597    | 0.01% | 0.001% |
| 166 | 7.066 | 7.046 | 7.087 | VV     | 338   | 4273   | 0.08% | 0.004% |
| 167 | 7.107 | 7.087 | 7.132 | VV     | 127   | 1836   | 0.04% | 0.002% |
| 168 | 7.142 | 7.132 | 7.154 | PV     | 99    | 621    | 0.01% | 0.001% |
| 169 | 7.169 | 7.154 | 7.220 | VV     | 664   | 18027  | 0.36% | 0.017% |
| 170 | 7.233 | 7.220 | 7.240 | VV     | 367   | 3725   | 0.07% | 0.004% |
| 171 | 7.244 | 7.240 | 7.267 | VV     | 375   | 3398   | 0.07% | 0.003% |
| 172 | 7.293 | 7.267 | 7.327 | VV     | 553   | 9371   | 0.19% | 0.009% |
| 173 | 7.339 | 7.327 | 7.347 | VV     | 235   | 1986   | 0.04% | 0.002% |
| 174 | 7.362 | 7.347 | 7.379 | VV     | 629   | 9313   | 0.18% | 0.009% |
| 175 | 7.382 | 7.379 | 7.420 | VV     | 551   | 7353   | 0.15% | 0.007% |
| 176 | 7.432 | 7.420 | 7.462 | VV     | 313   | 4471   | 0.09% | 0.004% |
| 177 | 7.481 | 7.462 | 7.498 | VV     | 604   | 6522   | 0.13% | 0.006% |
| 178 | 7.509 | 7.498 | 7.528 | VV     | 255   | 2935   | 0.06% | 0.003% |
| 179 | 7.537 | 7.528 | 7.545 | VV     | 111   | 607    | 0.01% | 0.001% |
| 180 | 7.556 | 7.545 | 7.567 | PV     | 103   | 822    | 0.02% | 0.001% |
| 181 | 7.612 | 7.567 | 7.644 | VV     | 1275  | 18102  | 0.36% | 0.018% |
| 182 | 7.649 | 7.644 | 7.655 | VV     | 116   | 582    | 0.01% | 0.001% |
| 183 | 7.663 | 7.655 | 7.669 | VV     | 144   | 877    | 0.02% | 0.001% |
| 184 | 7.684 | 7.669 | 7.702 | VV     | 163   | 1911   | 0.04% | 0.002% |
| 185 | 7.741 | 7.702 | 7.764 | VV     | 200   | 3888   | 0.08% | 0.004% |
| 186 | 7.783 | 7.764 | 7.823 | VV     | 349   | 7182   | 0.14% | 0.007% |
| 187 | 7.840 | 7.823 | 7.857 | PV     | 137   | 1339   | 0.03% | 0.001% |
| 188 | 7.871 | 7.857 | 7.877 | VV     | 80    | 610    | 0.01% | 0.001% |
| 189 | 7.896 | 7.877 | 7.932 | VV     | 378   | 4592   | 0.09% | 0.004% |
| 190 | 7.937 | 7.932 | 7.950 | VV     | 83    | 431    | 0.01% | 0.000% |
| 191 | 7.954 | 7.950 | 7.965 | VV     | 48    | 321    | 0.01% | 0.000% |
| 192 | 7.985 | 7.965 | 8.007 | PV     | 484   | 5305   | 0.11% | 0.005% |
| 193 | 8.047 | 8.007 | 8.056 | VV     | 799   | 12571  | 0.25% | 0.012% |
| 194 | 8.068 | 8.056 | 8.104 | VV     | 821   | 15456  | 0.31% | 0.015% |
| 195 | 8.112 | 8.104 | 8.124 | VV     | 318   | 3037   | 0.06% | 0.003% |
| 196 | 8.127 | 8.124 | 8.164 | VV     | 286   | 3828   | 0.08% | 0.004% |
| 197 | 8.186 | 8.164 | 8.202 | VV     | 487   | 5299   | 0.10% | 0.005% |
| 198 | 8.223 | 8.202 | 8.232 | VV     | 665   | 7236   | 0.14% | 0.007% |
| 199 | 8.243 | 8.232 | 8.260 | VV     | 755   | 8465   | 0.17% | 0.008% |
| 200 | 8.269 | 8.260 | 8.284 | VV     | 350   | 3481   | 0.07% | 0.003% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 201 | 8.315  | 8.284  | 8.351  | VV | 489    | 10521   | 0.21%  | 0.010% |
| 202 | 8.389  | 8.351  | 8.423  | VV | 1040   | 21823   | 0.43%  | 0.021% |
| 203 | 8.436  | 8.423  | 8.446  | VV | 506    | 5272    | 0.10%  | 0.005% |
| 204 | 8.496  | 8.446  | 8.580  | VV | 230610 | 2460527 | 48.75% | 2.386% |
| 205 | 8.598  | 8.580  | 8.618  | VV | 1218   | 17265   | 0.34%  | 0.017% |
| 206 | 8.637  | 8.618  | 8.667  | VV | 1124   | 22984   | 0.46%  | 0.022% |
| 207 | 8.675  | 8.667  | 8.692  | VV | 563    | 6649    | 0.13%  | 0.006% |
| 208 | 8.718  | 8.692  | 8.766  | VV | 665    | 13518   | 0.27%  | 0.013% |
| 209 | 8.780  | 8.766  | 8.793  | PV | 165    | 1423    | 0.03%  | 0.001% |
| 210 | 8.825  | 8.793  | 8.840  | VV | 439    | 5908    | 0.12%  | 0.006% |
| 211 | 8.869  | 8.840  | 8.877  | VV | 622    | 10121   | 0.20%  | 0.010% |
| 212 | 8.889  | 8.877  | 8.906  | VV | 663    | 10235   | 0.20%  | 0.010% |
| 213 | 8.944  | 8.906  | 8.952  | VV | 986    | 18737   | 0.37%  | 0.018% |
| 214 | 8.969  | 8.952  | 9.001  | VV | 5011   | 68160   | 1.35%  | 0.066% |
| 215 | 9.014  | 9.001  | 9.024  | VV | 794    | 9905    | 0.20%  | 0.010% |
| 216 | 9.037  | 9.024  | 9.061  | VV | 1097   | 15179   | 0.30%  | 0.015% |
| 217 | 9.087  | 9.061  | 9.110  | VV | 591    | 11069   | 0.22%  | 0.011% |
| 218 | 9.140  | 9.110  | 9.150  | VV | 485    | 9890    | 0.20%  | 0.010% |
| 219 | 9.179  | 9.150  | 9.199  | VV | 495    | 11322   | 0.22%  | 0.011% |
| 220 | 9.240  | 9.199  | 9.277  | VV | 1486   | 33308   | 0.66%  | 0.032% |
| 221 | 9.324  | 9.277  | 9.338  | VV | 2461   | 32750   | 0.65%  | 0.032% |
| 222 | 9.357  | 9.338  | 9.365  | VV | 4584   | 50429   | 1.00%  | 0.049% |
| 223 | 9.375  | 9.365  | 9.405  | VV | 5359   | 61731   | 1.22%  | 0.060% |
| 224 | 9.412  | 9.405  | 9.434  | VV | 550    | 4809    | 0.10%  | 0.005% |
| 225 | 9.462  | 9.434  | 9.482  | VV | 478    | 7696    | 0.15%  | 0.007% |
| 226 | 9.500  | 9.482  | 9.508  | PV | 329    | 3178    | 0.06%  | 0.003% |
| 227 | 9.520  | 9.508  | 9.538  | VV | 552    | 6196    | 0.12%  | 0.006% |
| 228 | 9.551  | 9.538  | 9.577  | VV | 573    | 6995    | 0.14%  | 0.007% |
| 229 | 9.604  | 9.577  | 9.636  | VV | 493    | 8575    | 0.17%  | 0.008% |
| 230 | 9.661  | 9.636  | 9.680  | VV | 1533   | 22658   | 0.45%  | 0.022% |
| 231 | 9.700  | 9.680  | 9.733  | VV | 1243   | 27151   | 0.54%  | 0.026% |
| 232 | 9.743  | 9.733  | 9.747  | VV | 489    | 3659    | 0.07%  | 0.004% |
| 233 | 9.767  | 9.747  | 9.773  | VV | 944    | 11635   | 0.23%  | 0.011% |
| 234 | 9.783  | 9.773  | 9.812  | VV | 1026   | 13276   | 0.26%  | 0.013% |
| 235 | 9.833  | 9.812  | 9.856  | VV | 656    | 10629   | 0.21%  | 0.010% |
| 236 | 9.885  | 9.856  | 9.907  | VV | 1184   | 17046   | 0.34%  | 0.017% |
| 237 | 9.931  | 9.907  | 9.957  | VV | 668    | 12201   | 0.24%  | 0.012% |
| 238 | 9.980  | 9.957  | 9.997  | VV | 544    | 9019    | 0.18%  | 0.009% |
| 239 | 10.041 | 9.997  | 10.076 | VV | 1545   | 38975   | 0.77%  | 0.038% |
| 240 | 10.107 | 10.076 | 10.161 | VV | 226547 | 2487219 | 49.27% | 2.411% |
| 241 | 10.181 | 10.161 | 10.199 | VV | 462    | 8994    | 0.18%  | 0.009% |
| 242 | 10.209 | 10.199 | 10.227 | VV | 526    | 5740    | 0.11%  | 0.006% |
| 243 | 10.241 | 10.227 | 10.255 | VV | 304    | 3510    | 0.07%  | 0.003% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 244 | 10.277 | 10.255 | 10.307 | VV | 546    | 8193    | 0.16%  | 0.008% |
| 245 | 10.320 | 10.307 | 10.330 | PV | 162    | 1120    | 0.02%  | 0.001% |
|     |        |        |        |    |        |         |        |        |
| 246 | 10.379 | 10.330 | 10.397 | VV | 489    | 9800    | 0.19%  | 0.010% |
| 247 | 10.435 | 10.397 | 10.442 | VV | 853    | 11410   | 0.23%  | 0.011% |
| 248 | 10.449 | 10.442 | 10.467 | VV | 814    | 9881    | 0.20%  | 0.010% |
| 249 | 10.496 | 10.467 | 10.517 | VV | 2824   | 45679   | 0.90%  | 0.044% |
| 250 | 10.546 | 10.517 | 10.569 | VV | 2018   | 38453   | 0.76%  | 0.037% |
|     |        |        |        |    |        |         |        |        |
| 251 | 10.587 | 10.569 | 10.600 | VV | 1100   | 15794   | 0.31%  | 0.015% |
| 252 | 10.633 | 10.600 | 10.670 | VV | 1834   | 40635   | 0.81%  | 0.039% |
| 253 | 10.691 | 10.670 | 10.721 | VV | 2915   | 40595   | 0.80%  | 0.039% |
| 254 | 10.753 | 10.721 | 10.769 | VV | 4144   | 56806   | 1.13%  | 0.055% |
| 255 | 10.781 | 10.769 | 10.793 | VV | 2430   | 28883   | 0.57%  | 0.028% |
|     |        |        |        |    |        |         |        |        |
| 256 | 10.805 | 10.793 | 10.815 | VV | 2704   | 32451   | 0.64%  | 0.031% |
| 257 | 10.823 | 10.815 | 10.832 | VV | 2848   | 24915   | 0.49%  | 0.024% |
| 258 | 10.848 | 10.832 | 10.875 | VV | 6456   | 86769   | 1.72%  | 0.084% |
| 259 | 10.917 | 10.875 | 10.936 | VV | 4624   | 96171   | 1.91%  | 0.093% |
| 260 | 10.948 | 10.936 | 10.992 | VV | 3183   | 63494   | 1.26%  | 0.062% |
|     |        |        |        |    |        |         |        |        |
| 261 | 11.012 | 10.992 | 11.033 | VV | 2909   | 36163   | 0.72%  | 0.035% |
| 262 | 11.070 | 11.033 | 11.081 | VV | 3161   | 50614   | 1.00%  | 0.049% |
| 263 | 11.093 | 11.081 | 11.114 | VV | 3555   | 46087   | 0.91%  | 0.045% |
| 264 | 11.132 | 11.114 | 11.149 | VV | 2281   | 31770   | 0.63%  | 0.031% |
| 265 | 11.169 | 11.149 | 11.207 | VV | 2201   | 46174   | 0.91%  | 0.045% |
|     |        |        |        |    |        |         |        |        |
| 266 | 11.232 | 11.207 | 11.257 | VV | 1538   | 35424   | 0.70%  | 0.034% |
| 267 | 11.267 | 11.257 | 11.283 | VV | 877    | 10912   | 0.22%  | 0.011% |
| 268 | 11.303 | 11.283 | 11.324 | VV | 1112   | 17647   | 0.35%  | 0.017% |
| 269 | 11.328 | 11.324 | 11.336 | VV | 528    | 3461    | 0.07%  | 0.003% |
| 270 | 11.356 | 11.336 | 11.376 | VV | 2464   | 31856   | 0.63%  | 0.031% |
|     |        |        |        |    |        |         |        |        |
| 271 | 11.405 | 11.376 | 11.432 | VV | 880    | 19628   | 0.39%  | 0.019% |
| 272 | 11.461 | 11.432 | 11.469 | VV | 515    | 7842    | 0.16%  | 0.008% |
| 273 | 11.484 | 11.469 | 11.505 | VV | 1034   | 17091   | 0.34%  | 0.017% |
| 274 | 11.554 | 11.505 | 11.607 | VV | 220199 | 2582461 | 51.16% | 2.504% |
| 275 | 11.644 | 11.607 | 11.687 | VV | 3630   | 71009   | 1.41%  | 0.069% |
|     |        |        |        |    |        |         |        |        |
| 276 | 11.711 | 11.687 | 11.730 | VV | 1815   | 27439   | 0.54%  | 0.027% |
| 277 | 11.747 | 11.730 | 11.771 | VV | 1813   | 22465   | 0.45%  | 0.022% |
| 278 | 11.799 | 11.771 | 11.841 | VV | 3544   | 74551   | 1.48%  | 0.072% |
| 279 | 11.846 | 11.841 | 11.856 | VV | 1349   | 12004   | 0.24%  | 0.012% |
| 280 | 11.862 | 11.856 | 11.884 | VV | 1332   | 16680   | 0.33%  | 0.016% |
|     |        |        |        |    |        |         |        |        |
| 281 | 11.901 | 11.884 | 11.914 | VV | 989    | 15034   | 0.30%  | 0.015% |
| 282 | 11.934 | 11.914 | 11.947 | VV | 1809   | 26829   | 0.53%  | 0.026% |
| 283 | 11.953 | 11.947 | 11.956 | VV | 1729   | 9523    | 0.19%  | 0.009% |
| 284 | 11.968 | 11.956 | 12.002 | VV | 1963   | 41802   | 0.83%  | 0.041% |
| 285 | 12.008 | 12.002 | 12.023 | VV | 1024   | 11159   | 0.22%  | 0.011% |
|     |        |        |        |    |        |         |        |        |
| 286 | 12.044 | 12.023 | 12.060 | VV | 1786   | 28077   | 0.56%  | 0.027% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 287 | 12.078 | 12.060 | 12.099 | VV | 2021   | 29098   | 0.58%  | 0.028% |
| 288 | 12.105 | 12.099 | 12.140 | VV | 696    | 7991    | 0.16%  | 0.008% |
| 289 | 12.160 | 12.140 | 12.174 | VV | 581    | 6734    | 0.13%  | 0.007% |
| 290 | 12.225 | 12.174 | 12.249 | VV | 6471   | 105236  | 2.08%  | 0.102% |
| 291 | 12.276 | 12.249 | 12.294 | VV | 2194   | 37608   | 0.75%  | 0.036% |
| 292 | 12.330 | 12.294 | 12.350 | VV | 1933   | 42977   | 0.85%  | 0.042% |
| 293 | 12.354 | 12.350 | 12.367 | VV | 797    | 7650    | 0.15%  | 0.007% |
| 294 | 12.385 | 12.367 | 12.418 | VV | 1685   | 33758   | 0.67%  | 0.033% |
| 295 | 12.436 | 12.418 | 12.451 | VV | 1247   | 21333   | 0.42%  | 0.021% |
| 296 | 12.480 | 12.451 | 12.546 | VV | 88121  | 1201012 | 23.79% | 1.164% |
| 297 | 12.551 | 12.546 | 12.566 | VV | 2141   | 23690   | 0.47%  | 0.023% |
| 298 | 12.576 | 12.566 | 12.598 | VV | 2047   | 34139   | 0.68%  | 0.033% |
| 299 | 12.613 | 12.598 | 12.625 | VV | 1735   | 23409   | 0.46%  | 0.023% |
| 300 | 12.638 | 12.625 | 12.666 | VV | 1395   | 26687   | 0.53%  | 0.026% |
| 301 | 12.690 | 12.666 | 12.735 | VV | 2584   | 50555   | 1.00%  | 0.049% |
| 302 | 12.753 | 12.735 | 12.765 | VV | 827    | 10629   | 0.21%  | 0.010% |
| 303 | 12.799 | 12.765 | 12.825 | VV | 2707   | 51159   | 1.01%  | 0.050% |
| 304 | 12.868 | 12.825 | 12.897 | VV | 215960 | 2581417 | 51.14% | 2.503% |
| 305 | 12.916 | 12.897 | 12.968 | VV | 8604   | 123127  | 2.44%  | 0.119% |
| 306 | 12.982 | 12.968 | 12.999 | VV | 683    | 8940    | 0.18%  | 0.009% |
| 307 | 13.019 | 12.999 | 13.035 | VV | 1032   | 14487   | 0.29%  | 0.014% |
| 308 | 13.047 | 13.035 | 13.066 | VV | 942    | 10555   | 0.21%  | 0.010% |
| 309 | 13.120 | 13.066 | 13.145 | PV | 1919   | 40639   | 0.81%  | 0.039% |
| 310 | 13.166 | 13.145 | 13.187 | VV | 1213   | 24362   | 0.48%  | 0.024% |
| 311 | 13.215 | 13.187 | 13.243 | VV | 7720   | 107618  | 2.13%  | 0.104% |
| 312 | 13.268 | 13.243 | 13.299 | VV | 5948   | 106912  | 2.12%  | 0.104% |
| 313 | 13.311 | 13.299 | 13.338 | VV | 1600   | 30011   | 0.59%  | 0.029% |
| 314 | 13.354 | 13.338 | 13.379 | VV | 1312   | 26136   | 0.52%  | 0.025% |
| 315 | 13.404 | 13.379 | 13.417 | VV | 1700   | 29809   | 0.59%  | 0.029% |
| 316 | 13.422 | 13.417 | 13.444 | VV | 1285   | 12063   | 0.24%  | 0.012% |
| 317 | 13.482 | 13.444 | 13.532 | PV | 6448   | 163587  | 3.24%  | 0.159% |
| 318 | 13.554 | 13.532 | 13.599 | VV | 5746   | 135445  | 2.68%  | 0.131% |
| 319 | 13.612 | 13.599 | 13.637 | VV | 3037   | 47721   | 0.95%  | 0.046% |
| 320 | 13.642 | 13.637 | 13.659 | VV | 1440   | 14989   | 0.30%  | 0.015% |
| 321 | 13.713 | 13.659 | 13.787 | VV | 46187  | 680263  | 13.48% | 0.660% |
| 322 | 13.807 | 13.787 | 13.840 | VV | 2163   | 46971   | 0.93%  | 0.046% |
| 323 | 13.857 | 13.840 | 13.893 | VV | 1416   | 33909   | 0.67%  | 0.033% |
| 324 | 13.916 | 13.893 | 13.929 | VV | 1894   | 29331   | 0.58%  | 0.028% |
| 325 | 13.951 | 13.929 | 13.967 | VV | 1330   | 26536   | 0.53%  | 0.026% |
| 326 | 13.990 | 13.967 | 13.999 | VV | 1431   | 23194   | 0.46%  | 0.022% |
| 327 | 14.020 | 13.999 | 14.039 | VV | 1811   | 32795   | 0.65%  | 0.032% |
| 328 | 14.070 | 14.039 | 14.107 | VV | 196581 | 2478020 | 49.09% | 2.402% |
| 329 | 14.122 | 14.107 | 14.142 | VV | 1675   | 22430   | 0.44%  | 0.022% |
| 330 | 14.166 | 14.142 | 14.172 | VV | 803    | 9473    | 0.19%  | 0.009% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 331 | 14.189 | 14.172 | 14.203 | VV | 1085   | 15804   | 0.31%  | 0.015% |
| 332 | 14.206 | 14.203 | 14.236 | VV | 683    | 9102    | 0.18%  | 0.009% |
| 333 | 14.285 | 14.236 | 14.315 | VV | 1419   | 43077   | 0.85%  | 0.042% |
| 334 | 14.321 | 14.315 | 14.334 | VV | 959    | 9885    | 0.20%  | 0.010% |
| 335 | 14.338 | 14.334 | 14.346 | VV | 771    | 4905    | 0.10%  | 0.005% |
| 336 | 14.360 | 14.346 | 14.380 | VV | 790    | 10822   | 0.21%  | 0.010% |
| 337 | 14.386 | 14.380 | 14.389 | PV | 332    | 1138    | 0.02%  | 0.001% |
| 338 | 14.428 | 14.389 | 14.435 | VV | 1397   | 21687   | 0.43%  | 0.021% |
| 339 | 14.460 | 14.435 | 14.504 | VV | 4966   | 103964  | 2.06%  | 0.101% |
| 340 | 14.510 | 14.504 | 14.518 | VV | 1136   | 9173    | 0.18%  | 0.009% |
| 341 | 14.545 | 14.518 | 14.557 | VV | 1869   | 36180   | 0.72%  | 0.035% |
| 342 | 14.568 | 14.557 | 14.607 | VV | 1696   | 29732   | 0.59%  | 0.029% |
| 343 | 14.633 | 14.607 | 14.653 | VV | 6073   | 85488   | 1.69%  | 0.083% |
| 344 | 14.657 | 14.653 | 14.661 | VV | 2186   | 10656   | 0.21%  | 0.010% |
| 345 | 14.665 | 14.661 | 14.681 | VV | 2184   | 20912   | 0.41%  | 0.020% |
| 346 | 14.690 | 14.681 | 14.695 | VV | 1738   | 13500   | 0.27%  | 0.013% |
| 347 | 14.726 | 14.695 | 14.764 | VV | 2621   | 69031   | 1.37%  | 0.067% |
| 348 | 14.787 | 14.764 | 14.809 | VV | 1780   | 29542   | 0.59%  | 0.029% |
| 349 | 14.818 | 14.809 | 14.822 | VV | 348    | 1841    | 0.04%  | 0.002% |
| 350 | 14.859 | 14.822 | 14.890 | VV | 2983   | 62346   | 1.24%  | 0.060% |
| 351 | 14.907 | 14.890 | 14.933 | VV | 1647   | 25433   | 0.50%  | 0.025% |
| 352 | 14.971 | 14.933 | 15.005 | VV | 99513  | 1351070 | 26.77% | 1.310% |
| 353 | 15.021 | 15.005 | 15.042 | VV | 1615   | 26311   | 0.52%  | 0.026% |
| 354 | 15.059 | 15.042 | 15.063 | VV | 1051   | 10893   | 0.22%  | 0.011% |
| 355 | 15.098 | 15.063 | 15.117 | VV | 6527   | 99251   | 1.97%  | 0.096% |
| 356 | 15.138 | 15.117 | 15.147 | VV | 5776   | 73942   | 1.46%  | 0.072% |
| 357 | 15.176 | 15.147 | 15.207 | VV | 188724 | 2410725 | 47.76% | 2.337% |
| 358 | 15.220 | 15.207 | 15.246 | VV | 2656   | 43809   | 0.87%  | 0.042% |
| 359 | 15.261 | 15.246 | 15.285 | VV | 1710   | 28772   | 0.57%  | 0.028% |
| 360 | 15.305 | 15.285 | 15.318 | VV | 1177   | 16581   | 0.33%  | 0.016% |
| 361 | 15.325 | 15.318 | 15.331 | VV | 820    | 5280    | 0.10%  | 0.005% |
| 362 | 15.341 | 15.331 | 15.360 | VV | 636    | 8830    | 0.17%  | 0.009% |
| 363 | 15.365 | 15.360 | 15.385 | VV | 466    | 4533    | 0.09%  | 0.004% |
| 364 | 15.410 | 15.385 | 15.442 | PV | 1561   | 30515   | 0.60%  | 0.030% |
| 365 | 15.454 | 15.442 | 15.459 | VV | 348    | 2843    | 0.06%  | 0.003% |
| 366 | 15.463 | 15.459 | 15.470 | VV | 289    | 1391    | 0.03%  | 0.001% |
| 367 | 15.488 | 15.470 | 15.502 | VV | 875    | 9494    | 0.19%  | 0.009% |
| 368 | 15.554 | 15.502 | 15.621 | VV | 52312  | 791567  | 15.68% | 0.767% |
| 369 | 15.625 | 15.621 | 15.632 | VV | 900    | 4661    | 0.09%  | 0.005% |
| 370 | 15.649 | 15.632 | 15.670 | VV | 1285   | 18366   | 0.36%  | 0.018% |
| 371 | 15.696 | 15.670 | 15.728 | VV | 6631   | 100836  | 2.00%  | 0.098% |
| 372 | 15.763 | 15.728 | 15.794 | VV | 5621   | 115603  | 2.29%  | 0.112% |
| 373 | 15.823 | 15.794 | 15.855 | VV | 1813   | 34617   | 0.69%  | 0.034% |

|     |        |        |        |        |        |         |        |        |
|-----|--------|--------|--------|--------|--------|---------|--------|--------|
|     |        |        |        | rteres |        |         |        |        |
| 374 | 15.879 | 15.855 | 15.884 | PV     | 708    | 7331    | 0.15%  | 0.007% |
| 375 | 15.914 | 15.884 | 15.971 | VV     | 8210   | 166552  | 3.30%  | 0.161% |
| 376 | 15.976 | 15.971 | 15.993 | VV     | 1222   | 13429   | 0.27%  | 0.013% |
| 377 | 16.028 | 15.993 | 16.040 | VV     | 1159   | 27176   | 0.54%  | 0.026% |
| 378 | 16.076 | 16.040 | 16.095 | VV     | 3731   | 68105   | 1.35%  | 0.066% |
| 379 | 16.101 | 16.095 | 16.104 | VV     | 1958   | 8902    | 0.18%  | 0.009% |
| 380 | 16.109 | 16.104 | 16.120 | VV     | 1942   | 15762   | 0.31%  | 0.015% |
| 381 | 16.138 | 16.120 | 16.148 | VV     | 1492   | 20498   | 0.41%  | 0.020% |
| 382 | 16.201 | 16.148 | 16.240 | VV     | 186087 | 2431563 | 48.17% | 2.357% |
| 383 | 16.260 | 16.240 | 16.287 | VV     | 3260   | 55959   | 1.11%  | 0.054% |
| 384 | 16.305 | 16.287 | 16.325 | VV     | 1070   | 16647   | 0.33%  | 0.016% |
| 385 | 16.330 | 16.325 | 16.335 | VV     | 398    | 1683    | 0.03%  | 0.002% |
| 386 | 16.381 | 16.335 | 16.405 | PV     | 2051   | 51541   | 1.02%  | 0.050% |
| 387 | 16.414 | 16.405 | 16.419 | VV     | 1518   | 10490   | 0.21%  | 0.010% |
| 388 | 16.423 | 16.419 | 16.428 | VV     | 1350   | 6462    | 0.13%  | 0.006% |
| 389 | 16.437 | 16.428 | 16.454 | VV     | 1304   | 16922   | 0.34%  | 0.016% |
| 390 | 16.492 | 16.454 | 16.541 | VV     | 3678   | 97653   | 1.93%  | 0.095% |
| 391 | 16.572 | 16.541 | 16.619 | VV     | 25583  | 418249  | 8.29%  | 0.406% |
| 392 | 16.662 | 16.619 | 16.668 | VV     | 7500   | 105581  | 2.09%  | 0.102% |
| 393 | 16.684 | 16.668 | 16.728 | VV     | 10035  | 160574  | 3.18%  | 0.156% |
| 394 | 16.755 | 16.728 | 16.777 | VV     | 4581   | 72692   | 1.44%  | 0.070% |
| 395 | 16.796 | 16.777 | 16.815 | VV     | 2248   | 36714   | 0.73%  | 0.036% |
| 396 | 16.847 | 16.815 | 16.867 | VV     | 1932   | 39496   | 0.78%  | 0.038% |
| 397 | 16.899 | 16.867 | 16.931 | VV     | 9267   | 154300  | 3.06%  | 0.150% |
| 398 | 16.948 | 16.931 | 16.954 | VV     | 2851   | 31984   | 0.63%  | 0.031% |
| 399 | 16.960 | 16.954 | 16.965 | VV     | 2764   | 17740   | 0.35%  | 0.017% |
| 400 | 16.982 | 16.965 | 17.009 | VV     | 4459   | 69746   | 1.38%  | 0.068% |
| 401 | 17.039 | 17.009 | 17.088 | VV     | 5124   | 104357  | 2.07%  | 0.101% |
| 402 | 17.154 | 17.088 | 17.186 | VV     | 176667 | 2424785 | 48.04% | 2.351% |
| 403 | 17.199 | 17.186 | 17.210 | VV     | 5162   | 60783   | 1.20%  | 0.059% |
| 404 | 17.229 | 17.210 | 17.254 | VV     | 11652  | 171112  | 3.39%  | 0.166% |
| 405 | 17.272 | 17.254 | 17.295 | VV     | 1215   | 21820   | 0.43%  | 0.021% |
| 406 | 17.312 | 17.295 | 17.319 | VV     | 1775   | 17933   | 0.36%  | 0.017% |
| 407 | 17.353 | 17.319 | 17.367 | VV     | 2143   | 44741   | 0.89%  | 0.043% |
| 408 | 17.388 | 17.367 | 17.420 | VV     | 3718   | 75204   | 1.49%  | 0.073% |
| 409 | 17.463 | 17.420 | 17.471 | VV     | 2747   | 56414   | 1.12%  | 0.055% |
| 410 | 17.475 | 17.471 | 17.490 | VV     | 2166   | 20274   | 0.40%  | 0.020% |
| 411 | 17.516 | 17.490 | 17.557 | VV     | 26588  | 463876  | 9.19%  | 0.450% |
| 412 | 17.563 | 17.557 | 17.575 | VV     | 3468   | 30849   | 0.61%  | 0.030% |
| 413 | 17.602 | 17.575 | 17.651 | VV     | 19394  | 298129  | 5.91%  | 0.289% |
| 414 | 17.657 | 17.651 | 17.662 | VV     | 1314   | 6105    | 0.12%  | 0.006% |
| 415 | 17.697 | 17.662 | 17.702 | VV     | 3355   | 58923   | 1.17%  | 0.057% |
| 416 | 17.706 | 17.702 | 17.735 | VV     | 3143   | 34651   | 0.69%  | 0.034% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 417 | 17.765 | 17.735 | 17.788 | PV | 2723   | 39725   | 0.79%  | 0.039% |
| 418 | 17.827 | 17.788 | 17.849 | PV | 2921   | 52949   | 1.05%  | 0.051% |
| 419 | 17.866 | 17.849 | 17.875 | VV | 1897   | 22255   | 0.44%  | 0.022% |
| 420 | 17.884 | 17.875 | 17.910 | VV | 1989   | 30707   | 0.61%  | 0.030% |
| 421 | 17.937 | 17.910 | 17.957 | VV | 4817   | 90842   | 1.80%  | 0.088% |
| 422 | 17.968 | 17.957 | 17.974 | VV | 3492   | 31966   | 0.63%  | 0.031% |
| 423 | 18.044 | 17.974 | 18.075 | VV | 174966 | 2585503 | 51.22% | 2.507% |
| 424 | 18.086 | 18.075 | 18.095 | VV | 3241   | 36482   | 0.72%  | 0.035% |
| 425 | 18.132 | 18.095 | 18.150 | VV | 14621  | 258365  | 5.12%  | 0.250% |
| 426 | 18.178 | 18.150 | 18.193 | VV | 12359  | 226645  | 4.49%  | 0.220% |
| 427 | 18.209 | 18.193 | 18.228 | VV | 9192   | 169266  | 3.35%  | 0.164% |
| 428 | 18.262 | 18.228 | 18.295 | VV | 9323   | 251420  | 4.98%  | 0.244% |
| 429 | 18.325 | 18.295 | 18.330 | VV | 4918   | 74057   | 1.47%  | 0.072% |
| 430 | 18.358 | 18.330 | 18.365 | VV | 6990   | 114728  | 2.27%  | 0.111% |
| 431 | 18.399 | 18.365 | 18.440 | VV | 40752  | 841257  | 16.67% | 0.816% |
| 432 | 18.467 | 18.440 | 18.510 | VV | 27954  | 494533  | 9.80%  | 0.479% |
| 433 | 18.549 | 18.510 | 18.573 | VV | 9784   | 221812  | 4.39%  | 0.215% |
| 434 | 18.579 | 18.573 | 18.636 | VV | 5755   | 98251   | 1.95%  | 0.095% |
| 435 | 18.667 | 18.636 | 18.684 | PV | 5895   | 82809   | 1.64%  | 0.080% |
| 436 | 18.704 | 18.684 | 18.710 | VV | 3646   | 46477   | 0.92%  | 0.045% |
| 437 | 18.717 | 18.710 | 18.723 | VV | 3590   | 27077   | 0.54%  | 0.026% |
| 438 | 18.757 | 18.723 | 18.784 | VV | 4455   | 128716  | 2.55%  | 0.125% |
| 439 | 18.788 | 18.784 | 18.795 | VV | 3389   | 19704   | 0.39%  | 0.019% |
| 440 | 18.879 | 18.795 | 18.917 | VV | 180651 | 2988742 | 59.21% | 2.898% |
| 441 | 18.948 | 18.917 | 18.958 | VV | 22215  | 341971  | 6.77%  | 0.332% |
| 442 | 18.975 | 18.958 | 19.005 | VV | 27504  | 539189  | 10.68% | 0.523% |
| 443 | 19.023 | 19.005 | 19.046 | VV | 13785  | 276763  | 5.48%  | 0.268% |
| 444 | 19.070 | 19.046 | 19.086 | VV | 8111   | 180003  | 3.57%  | 0.175% |
| 445 | 19.109 | 19.086 | 19.117 | VV | 7476   | 129998  | 2.58%  | 0.126% |
| 446 | 19.144 | 19.117 | 19.172 | VV | 23269  | 433051  | 8.58%  | 0.420% |
| 447 | 19.190 | 19.172 | 19.196 | VV | 9595   | 121036  | 2.40%  | 0.117% |
| 448 | 19.227 | 19.196 | 19.254 | VV | 55242  | 1017786 | 20.16% | 0.987% |
| 449 | 19.274 | 19.254 | 19.320 | VV | 31282  | 822792  | 16.30% | 0.798% |
| 450 | 19.348 | 19.320 | 19.375 | VV | 13890  | 402012  | 7.96%  | 0.390% |
| 451 | 19.398 | 19.375 | 19.425 | VV | 16471  | 424491  | 8.41%  | 0.412% |
| 452 | 19.431 | 19.425 | 19.438 | VV | 10335  | 77165   | 1.53%  | 0.075% |
| 453 | 19.473 | 19.438 | 19.479 | VV | 12641  | 269871  | 5.35%  | 0.262% |
| 454 | 19.513 | 19.479 | 19.546 | VV | 18346  | 599201  | 11.87% | 0.581% |
| 455 | 19.561 | 19.546 | 19.583 | VV | 16064  | 310017  | 6.14%  | 0.301% |
| 456 | 19.590 | 19.583 | 19.614 | VV | 11823  | 204610  | 4.05%  | 0.198% |
| 457 | 19.627 | 19.614 | 19.631 | VV | 12278  | 119548  | 2.37%  | 0.116% |
| 458 | 19.667 | 19.631 | 19.702 | VV | 192282 | 3200216 | 63.40% | 3.103% |
| 459 | 19.719 | 19.702 | 19.743 | VV | 23343  | 430459  | 8.53%  | 0.417% |
| 460 | 19.774 | 19.743 | 19.799 | VV | 22207  | 553440  | 10.96% | 0.537% |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 461 | 19.829 | 19.799 | 19.840 | VV | 16518  | 358101  | 7.09%  | 0.347% |
| 462 | 19.861 | 19.840 | 19.871 | VV | 16509  | 284279  | 5.63%  | 0.276% |
| 463 | 19.875 | 19.871 | 19.882 | VV | 15344  | 103301  | 2.05%  | 0.100% |
| 464 | 19.896 | 19.882 | 19.905 | VV | 16477  | 201207  | 3.99%  | 0.195% |
| 465 | 19.938 | 19.905 | 19.960 | VV | 19052  | 548204  | 10.86% | 0.531% |
| 466 | 19.963 | 19.960 | 19.970 | VV | 15402  | 86508   | 1.71%  | 0.084% |
| 467 | 20.002 | 19.970 | 20.034 | VV | 45155  | 1127407 | 22.34% | 1.093% |
| 468 | 20.039 | 20.034 | 20.060 | VV | 24528  | 365988  | 7.25%  | 0.355% |
| 469 | 20.071 | 20.060 | 20.087 | VV | 23343  | 355496  | 7.04%  | 0.345% |
| 470 | 20.092 | 20.087 | 20.136 | VV | 20558  | 553497  | 10.97% | 0.537% |
| 471 | 20.147 | 20.136 | 20.151 | VV | 19662  | 171416  | 3.40%  | 0.166% |
| 472 | 20.202 | 20.151 | 20.207 | VV | 26886  | 790541  | 15.66% | 0.766% |
| 473 | 20.214 | 20.207 | 20.220 | VV | 26150  | 203370  | 4.03%  | 0.197% |
| 474 | 20.231 | 20.220 | 20.240 | VV | 27150  | 316639  | 6.27%  | 0.307% |
| 475 | 20.243 | 20.240 | 20.252 | VV | 25228  | 173996  | 3.45%  | 0.169% |
| 476 | 20.283 | 20.252 | 20.289 | VV | 28458  | 589923  | 11.69% | 0.572% |
| 477 | 20.308 | 20.289 | 20.328 | VV | 31335  | 693813  | 13.75% | 0.673% |
| 478 | 20.342 | 20.328 | 20.358 | VV | 28687  | 490541  | 9.72%  | 0.476% |
| 479 | 20.368 | 20.358 | 20.374 | VV | 29401  | 269579  | 5.34%  | 0.261% |
| 480 | 20.410 | 20.374 | 20.445 | VV | 226999 | 4071605 | 80.66% | 3.948% |
| 481 | 20.465 | 20.445 | 20.487 | VV | 33494  | 779150  | 15.44% | 0.755% |
| 482 | 20.491 | 20.487 | 20.496 | VV | 27719  | 141353  | 2.80%  | 0.137% |
| 483 | 20.515 | 20.496 | 20.523 | VV | 31310  | 479303  | 9.50%  | 0.465% |
| 484 | 20.568 | 20.523 | 20.589 | VV | 33429  | 1238184 | 24.53% | 1.200% |
| 485 | 20.608 | 20.589 | 20.628 | VV | 36902  | 783234  | 15.52% | 0.759% |
| 486 | 20.647 | 20.628 | 20.654 | VV | 34501  | 509974  | 10.10% | 0.494% |
| 487 | 20.697 | 20.654 | 20.703 | VV | 42696  | 1132785 | 22.44% | 1.098% |
| 488 | 20.705 | 20.703 | 20.710 | VV | 41960  | 171169  | 3.39%  | 0.166% |
| 489 | 20.717 | 20.710 | 20.726 | VV | 42604  | 393145  | 7.79%  | 0.381% |
| 490 | 20.754 | 20.726 | 20.759 | VV | 44004  | 840803  | 16.66% | 0.815% |
| 491 | 20.762 | 20.759 | 20.790 | VV | 43882  | 701134  | 13.89% | 0.680% |
| 492 | 20.804 | 20.790 | 20.829 | VV | 35683  | 770936  | 15.27% | 0.747% |
| 493 | 20.836 | 20.829 | 20.853 | VV | 28468  | 398233  | 7.89%  | 0.386% |
| 494 | 20.865 | 20.853 | 20.875 | VV | 30615  | 384854  | 7.62%  | 0.373% |
| 495 | 20.895 | 20.875 | 20.914 | VV | 30713  | 676759  | 13.41% | 0.656% |
| 496 | 20.935 | 20.914 | 20.947 | VV | 33454  | 641594  | 12.71% | 0.622% |
| 497 | 20.950 | 20.947 | 20.955 | VV | 32505  | 159330  | 3.16%  | 0.154% |
| 498 | 20.962 | 20.955 | 20.975 | VV | 31910  | 374877  | 7.43%  | 0.363% |
| 499 | 20.986 | 20.975 | 20.997 | VV | 32274  | 400742  | 7.94%  | 0.389% |
| 500 | 21.008 | 20.997 | 21.020 | VV | 31896  | 445923  | 8.83%  | 0.432% |
| 501 | 21.045 | 21.020 | 21.058 | VV | 32557  | 707841  | 14.02% | 0.686% |
| 502 | 21.068 | 21.058 | 21.074 | VV | 32628  | 293806  | 5.82%  | 0.285% |
| 503 | 21.086 | 21.074 | 21.091 | VV | 31269  | 315838  | 6.26%  | 0.306% |

|     |        |        |        |        |        |         |         |        |
|-----|--------|--------|--------|--------|--------|---------|---------|--------|
|     |        |        |        | rteres |        |         |         |        |
| 504 | 21.147 | 21.091 | 21.195 | VV     | 214746 | 5047661 | 100.00% | 4.894% |
| 505 | 21.202 | 21.195 | 21.212 | VV     | 25657  | 244683  | 4.85%   | 0.237% |
| 506 | 21.218 | 21.212 | 21.222 | VV     | 25256  | 151427  | 3.00%   | 0.147% |
| 507 | 21.229 | 21.222 | 21.234 | VV     | 25283  | 176770  | 3.50%   | 0.171% |
| 508 | 21.238 | 21.234 | 21.255 | VV     | 25229  | 311546  | 6.17%   | 0.302% |
| 509 | 21.261 | 21.255 | 21.265 | VV     | 24366  | 140966  | 2.79%   | 0.137% |
| 510 | 21.271 | 21.265 | 21.277 | VV     | 24504  | 173079  | 3.43%   | 0.168% |
| 511 | 21.280 | 21.277 | 21.285 | VV     | 24551  | 119242  | 2.36%   | 0.116% |
| 512 | 21.318 | 21.285 | 21.325 | VV     | 27247  | 608206  | 12.05%  | 0.590% |
| 513 | 21.330 | 21.325 | 21.334 | VV     | 26625  | 135648  | 2.69%   | 0.132% |
| 514 | 21.338 | 21.334 | 21.353 | VV     | 26479  | 293208  | 5.81%   | 0.284% |
| 515 | 21.363 | 21.353 | 21.385 | VV     | 24905  | 443104  | 8.78%   | 0.430% |
| 516 | 21.400 | 21.385 | 21.405 | VV     | 22969  | 261048  | 5.17%   | 0.253% |
| 517 | 21.428 | 21.405 | 21.436 | VV     | 23144  | 404590  | 8.02%   | 0.392% |
| 518 | 21.446 | 21.436 | 21.455 | VV     | 23143  | 253563  | 5.02%   | 0.246% |
| 519 | 21.473 | 21.455 | 21.492 | VV     | 22956  | 474668  | 9.40%   | 0.460% |
| 520 | 21.499 | 21.492 | 21.506 | VV     | 20648  | 162522  | 3.22%   | 0.158% |
| 521 | 21.513 | 21.506 | 21.536 | VV     | 20012  | 346583  | 6.87%   | 0.336% |
| 522 | 21.567 | 21.536 | 21.572 | VV     | 21355  | 412023  | 8.16%   | 0.399% |
| 523 | 21.582 | 21.572 | 21.604 | VV     | 22428  | 371157  | 7.35%   | 0.360% |
| 524 | 21.609 | 21.604 | 21.632 | VV     | 19118  | 305529  | 6.05%   | 0.296% |
| 525 | 21.637 | 21.632 | 21.647 | VV     | 16901  | 146956  | 2.91%   | 0.142% |
| 526 | 21.661 | 21.647 | 21.667 | VV     | 17029  | 191841  | 3.80%   | 0.186% |
| 527 | 21.690 | 21.667 | 21.722 | VV     | 19626  | 602766  | 11.94%  | 0.584% |
| 528 | 21.729 | 21.722 | 21.736 | VV     | 17672  | 143779  | 2.85%   | 0.139% |
| 529 | 21.743 | 21.736 | 21.755 | VV     | 19113  | 210312  | 4.17%   | 0.204% |
| 530 | 21.764 | 21.755 | 21.769 | VV     | 19081  | 144657  | 2.87%   | 0.140% |
| 531 | 21.786 | 21.769 | 21.795 | VV     | 19952  | 301335  | 5.97%   | 0.292% |
| 532 | 21.801 | 21.795 | 21.810 | VV     | 20360  | 166973  | 3.31%   | 0.162% |
| 533 | 21.833 | 21.810 | 21.840 | VV     | 19493  | 339329  | 6.72%   | 0.329% |
| 534 | 21.848 | 21.840 | 21.861 | VV     | 19370  | 234418  | 4.64%   | 0.227% |
| 535 | 21.871 | 21.861 | 21.875 | VV     | 19805  | 153922  | 3.05%   | 0.149% |
| 536 | 21.881 | 21.875 | 21.913 | VV     | 18938  | 389749  | 7.72%   | 0.378% |
| 537 | 21.919 | 21.913 | 21.967 | VV     | 16645  | 395289  | 7.83%   | 0.383% |
| 538 | 21.976 | 21.967 | 21.985 | VV     | 9414   | 87361   | 1.73%   | 0.085% |
| 539 | 21.995 | 21.985 | 22.000 | VV     | 8255   | 68615   | 1.36%   | 0.067% |
| 540 | 22.062 | 22.000 | 22.111 | VV     | 144560 | 3790420 | 75.09%  | 3.675% |
| 541 | 22.121 | 22.111 | 22.132 | VV     | 5732   | 60260   | 1.19%   | 0.058% |
| 542 | 22.155 | 22.132 | 22.165 | VV     | 7940   | 123060  | 2.44%   | 0.119% |
| 543 | 22.177 | 22.165 | 22.184 | VV     | 7737   | 82016   | 1.62%   | 0.080% |
| 544 | 22.198 | 22.184 | 22.205 | VV     | 9047   | 106378  | 2.11%   | 0.103% |
| 545 | 22.210 | 22.205 | 22.219 | VV     | 9021   | 73426   | 1.45%   | 0.071% |
| 546 | 22.232 | 22.219 | 22.237 | VV     | 10160  | 99510   | 1.97%   | 0.096% |

|     |        |        |        |        |       |        |       |        |
|-----|--------|--------|--------|--------|-------|--------|-------|--------|
|     |        |        |        | rteres |       |        |       |        |
| 547 | 22.250 | 22.237 | 22.291 | VV     | 10520 | 266286 | 5.28% | 0.258% |
| 548 | 22.303 | 22.291 | 22.314 | VV     | 8211  | 96229  | 1.91% | 0.093% |
| 549 | 22.341 | 22.314 | 22.349 | VV     | 9132  | 161670 | 3.20% | 0.157% |
| 550 | 22.355 | 22.349 | 22.386 | VV     | 9000  | 151056 | 2.99% | 0.146% |
| 551 | 22.390 | 22.386 | 22.402 | VV     | 5682  | 51508  | 1.02% | 0.050% |
| 552 | 22.407 | 22.402 | 22.426 | VV     | 6848  | 68835  | 1.36% | 0.067% |
| 553 | 22.430 | 22.426 | 22.436 | VV     | 3806  | 21817  | 0.43% | 0.021% |
| 554 | 22.443 | 22.436 | 22.468 | VV     | 3724  | 55837  | 1.11% | 0.054% |
| 555 | 22.473 | 22.468 | 22.485 | VV     | 3024  | 20985  | 0.42% | 0.020% |

Sum of corrected areas: 103143480

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