```
HEADER
ATOM      1  P     G A   1      -4.076 -12.839  13.036  0.00nan0x7fffffff
ATOM      2  O1P   G A   1      -3.378 -13.044  11.740  0.00nan0x7fffffff
ATOM      3  O2P   G A   1      -3.294 -13.389  14.190  0.00nan0x7fffffff
ATOM      4  O5*   G A   1      -4.541 -11.341  13.308  0.00nan0x7fffffff
ATOM      5  C5*   G A   1      -5.175 -10.578  12.249  0.00nan0x7fffffff
ATOM      6  C4*   G A   1      -5.309  -9.161  12.749  0.00nan0x7fffffff
ATOM      7  C3*   G A   1      -4.013  -8.418  13.026  0.00nan0x7fffffff
ATOM      8  O4*   G A   1      -5.990  -9.174  14.025  0.00nan0x7fffffff
ATOM      9  O2*   G A   1      -5.049  -6.299  13.296  0.00nan0x7fffffff
ATOM     10  C2*   G A   1      -4.466  -7.364  14.033  0.00nan0x7fffffff
ATOM     11  C1*   G A   1      -5.518  -8.122  14.832  0.00nan0x7fffffff
ATOM     12  N9    G A   1      -4.896  -8.602  16.083  0.00nan0x7fffffff
ATOM     13  C8    G A   1      -4.586  -9.889  16.434  0.00nan0x7fffffff
ATOM     14  N7    G A   1      -4.045  -9.997  17.621  0.00nan0x7fffffff
ATOM     15  C5    G A   1      -3.998  -8.685  18.086  0.00nan0x7fffffff
ATOM     16  O6    G A   1      -3.025  -8.744  20.259  0.00nan0x7fffffff
ATOM     17  C6    G A   1      -3.523  -8.139  19.307  0.00nan0x7fffffff
ATOM     18  N1    G A   1      -3.647  -6.776  19.401  0.00nan0x7fffffff
ATOM     19  N2    G A   1      -4.231  -4.705  18.656  0.00nan0x7fffffff
ATOM     20  C2    G A   1      -4.182  -6.019  18.404  0.00nan0x7fffffff
ATOM     21  N3    G A   1      -4.643  -6.481  17.242  0.00nan0x7fffffff
ATOM     22  C4    G A   1      -4.520  -7.819  17.150  0.00nan0x7fffffff
ATOM     23  O3*   G A   1      -3.424  -7.844  11.856  0.00nan0x7fffffff
ATOM     24  P     U A   2      -1.825  -7.788  11.686  0.00nan0x7fffffff
ATOM     25  O1P   U A   2      -1.632  -7.903  10.217  0.00nan0x7fffffff
ATOM     26  O2P   U A   2      -1.168  -8.908  12.432  0.00nan0x7fffffff
ATOM     27  O5*   U A   2      -1.426  -6.369  12.296  0.00nan0x7fffffff
ATOM     28  C5*   U A   2      -2.147  -5.176  11.895  0.00nan0x7fffffff
ATOM     29  C4*   U A   2      -1.821  -4.099  12.901  0.00nan0x7fffffff
ATOM     30  C3*   U A   2      -0.366  -3.989  13.323  0.00nan0x7fffffff
ATOM     31  O4*   U A   2      -2.527  -4.379  14.132  0.00nan0x7fffffff
ATOM     32  O2*   U A   2      -0.641  -1.927  14.466  0.00nan0x7fffffff
ATOM     33  C2*   U A   2      -0.485  -3.320  14.690  0.00nan0x7fffffff
ATOM     34  C1*   U A   2      -1.767  -3.937  15.233  0.00nan0x7fffffff
ATOM     35  N1    U A   2      -1.401  -5.042  16.146  0.00nan0x7fffffff
ATOM     36  C6    U A   2      -1.625  -6.352  15.839  0.00nan0x7fffffff
ATOM     37  C5    U A   2      -1.296  -7.352  16.671  0.00nan0x7fffffff
ATOM     38  O4    U A   2      -0.342  -7.860  18.782  0.00nan0x7fffffff
ATOM     39  C4    U A   2      -0.695  -7.009  17.916  0.00nan0x7fffffff
ATOM     40  N3    U A   2      -0.480  -5.694  18.211  0.00nan0x7fffffff
ATOM     41  O2    U A   2      -0.618  -3.509  17.636  0.00nan0x7fffffff
ATOM     42  C2    U A   2      -0.820  -4.688  17.353  0.00nan0x7fffffff
ATOM     43  O3*   U A   2       0.438  -3.236  12.410  0.00nan0x7fffffff
ATOM     44  P     A A   3       1.963  -3.654  12.112  0.00nan0x7fffffff
ATOM     45  O1P   A A   3       2.177  -3.194  10.715  0.00nan0x7fffffff
ATOM     46  O2P   A A   3       2.148  -5.134  12.254  0.00nan0x7fffffff
ATOM     47  O5*   A A   3       2.801  -2.854  13.207  0.00nan0x7fffffff
ATOM     48  C5*   A A   3       2.575  -1.435  13.406  0.00nan0x7fffffff
ATOM     49  C4*   A A   3       3.219  -1.063  14.720  0.00nan0x7fffffff
ATOM     50  C3*   A A   3       4.595  -1.651  14.984  0.00nan0x7fffffff
ATOM     51  O4*   A A   3       2.403  -1.569  15.801  0.00nan0x7fffffff
ATOM     52  O2*   A A   3       5.028  -0.303  16.889  0.00nan0x7fffffff
ATOM     53  C2*   A A   3       4.661  -1.621  16.509  0.00nan0x7fffffff
ATOM     54  C1*   A A   3       3.218  -1.923  16.893  0.00nan0x7fffffff
ATOM     55  N9    A A   3       3.116  -3.357  17.232  0.00nan0x7fffffff
ATOM     56  C8    A A   3       2.479  -4.350  16.534  0.00nan0x7fffffff
ATOM     57  N7    A A   3       2.559  -5.529  17.098  0.00nan0x7fffffff
ATOM     58  C5    A A   3       3.301  -5.293  18.252  0.00nan0x7fffffff
ATOM     59  N6    A A   3       3.466  -7.462  19.319  0.00nan0x7fffffff
ATOM     60  C6    A A   3       3.729  -6.162  19.284  0.00nan0x7fffffff
ATOM     61  N1    A A   3       4.453  -5.567  20.279  0.00nan0x7fffffff
ATOM     62  C2    A A   3       4.733  -4.235  20.261  0.00nan0x7fffffff
ATOM     63  N3    A A   3       4.361  -3.366  19.323  0.00nan0x7fffffff
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ATOM     64  C4    A A   3       3.648  -3.963  18.347  0.00nan0x7fffffff
ATOM     65  O3*   A A   3       5.657  -0.914  14.373  0.00nan0x7fffffff
ATOM     66  P     G A   4       6.941  -1.667  13.760  0.00nan0x7fffffff
ATOM     67  O1P   G A   4       7.361  -0.777  12.646  0.00nan0x7fffffff
ATOM     68  O2P   G A   4       6.577  -3.039  13.282  0.00nan0x7fffffff
ATOM     69  O5*   G A   4       7.967  -1.728  14.980  0.00nan0x7fffffff
ATOM     70  C5*   G A   4       8.260  -0.533  15.748  0.00nan0x7fffffff
ATOM     71  C4*   G A   4       8.934  -0.980  17.023  0.00nan0x7fffffff
ATOM     72  C3*   G A   4       9.995  -2.058  16.880  0.00nan0x7fffffff
ATOM     73  O4*   G A   4       7.943  -1.571  17.894  0.00nan0x7fffffff
ATOM     74  O2*   G A   4      10.795  -1.853  19.106  0.00nan0x7fffffff
ATOM     75  C2*   G A   4       9.997  -2.682  18.273  0.00nan0x7fffffff
ATOM     76  C1*   G A   4       8.526  -2.599  18.660  0.00nan0x7fffffff
ATOM     77  N9    G A   4       7.902  -3.914  18.406  0.00nan0x7fffffff
ATOM     78  C8    G A   4       6.984  -4.242  17.443  0.00nan0x7fffffff
ATOM     79  N7    G A   4       6.611  -5.496  17.476  0.00nan0x7fffffff
ATOM     80  C5    G A   4       7.334  -6.031  18.539  0.00nan0x7fffffff
ATOM     81  O6    G A   4       6.740  -8.331  18.706  0.00nan0x7fffffff
ATOM     82  C6    G A   4       7.372  -7.342  19.083  0.00nan0x7fffffff
ATOM     83  N1    G A   4       8.223  -7.485  20.149  0.00nan0x7fffffff
ATOM     84  N2    G A   4       9.743  -6.762  21.683  0.00nan0x7fffffff
ATOM     85  C2    G A   4       8.964  -6.454  20.639  0.00nan0x7fffffff
ATOM     86  N3    G A   4       8.965  -5.207  20.167  0.00nan0x7fffffff
ATOM     87  C4    G A   4       8.130  -5.067  19.119  0.00nan0x7fffffff
ATOM     88  O3*   G A   4      11.277  -1.550  16.503  0.00nan0x7fffffff
ATOM     89  P     C A   5      12.234  -2.376  15.506  0.00nan0x7fffffff
ATOM     90  O1P   C A   5      12.988  -1.312  14.794  0.00nan0x7fffffff
ATOM     91  O2P   C A   5      11.426  -3.220  14.568  0.00nan0x7fffffff
ATOM     92  O5*   C A   5      13.120  -3.274  16.482  0.00nan0x7fffffff
ATOM     93  C5*   C A   5      13.835  -2.665  17.587  0.00nan0x7fffffff
ATOM     94  C4*   C A   5      14.236  -3.780  18.523  0.00nan0x7fffffff
ATOM     95  C3*   C A   5      14.855  -5.009  17.878  0.00nan0x7fffffff
ATOM     96  O4*   C A   5      13.053  -4.284  19.185  0.00nan0x7fffffff
ATOM     97  O2*   C A   5      15.550  -5.987  19.927  0.00nan0x7fffffff
ATOM     98  C2*   C A   5      14.558  -6.090  18.915  0.00nan0x7fffffff
ATOM     99  C1*   C A   5      13.193  -5.662  19.436  0.00nan0x7fffffff
ATOM    100  N1    C A   5      12.158  -6.467  18.751  0.00nan0x7fffffff
ATOM    101  C6    C A   5      11.278  -5.924  17.862  0.00nan0x7fffffff
ATOM    102  C5    C A   5      10.334  -6.654  17.246  0.00nan0x7fffffff
ATOM    103  N4    C A   5       9.363  -8.837  16.990  0.00nan0x7fffffff
ATOM    104  C4    C A   5      10.272  -8.039  17.557  0.00nan0x7fffffff
ATOM    105  N3    C A   5      11.151  -8.573  18.449  0.00nan0x7fffffff
ATOM    106  O2    C A   5      12.894  -8.308  19.870  0.00nan0x7fffffff
ATOM    107  C2    C A   5      12.106  -7.815  19.066  0.00nan0x7fffffff
ATOM    108  O3*   C A   5      16.253  -4.870  17.614  0.00nan0x7fffffff
ATOM    109  P     U A   6      16.917  -5.515  16.298  0.00nan0x7fffffff
ATOM    110  O1P   U A   6      18.003  -4.559  15.957  0.00nan0x7fffffff
ATOM    111  O2P   U A   6      15.908  -5.639  15.197  0.00nan0x7fffffff
ATOM    112  O5*   U A   6      17.424  -6.945  16.787  0.00nan0x7fffffff
ATOM    113  C5*   U A   6      18.212  -7.071  17.998  0.00nan0x7fffffff
ATOM    114  C4*   U A   6      18.177  -8.526  18.400  0.00nan0x7fffffff
ATOM    115  C3*   U A   6      18.424  -9.535  17.291  0.00nan0x7fffffff
ATOM    116  O4*   U A   6      16.851  -8.844  18.883  0.00nan0x7fffffff
ATOM    117  O2*   U A   6      18.620 -11.406  18.740  0.00nan0x7fffffff
ATOM    118  C2*   U A   6      17.723 -10.779  17.834  0.00nan0x7fffffff
ATOM    119  C1*   U A   6      16.532 -10.178  18.566  0.00nan0x7fffffff
ATOM    120  N1    U A   6      15.336 -10.284  17.702  0.00nan0x7fffffff
ATOM    121  C6    U A   6      14.709  -9.191  17.181  0.00nan0x7fffffff
ATOM    122  C5    U A   6      13.609  -9.287  16.419  0.00nan0x7fffffff
ATOM    123  O4    U A   6      12.056 -10.809  15.470  0.00nan0x7fffffff
ATOM    124  C4    U A   6      13.087 -10.589  16.170  0.00nan0x7fffffff
ATOM    125  N3    U A   6      13.716 -11.672  16.708  0.00nan0x7fffffff
ATOM    126  O2    U A   6      15.389 -12.546  17.959  0.00nan0x7fffffff
ATOM    127  C2    U A   6      14.835 -11.557  17.482  0.00nan0x7fffffff
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ATOM    128  O3*   U A   6      19.813  -9.760  17.033  0.00nan0x7fffffff
ATOM    129  P     G A   7      20.373 -10.000  15.547  0.00nan0x7fffffff
ATOM    130  O1P   G A   7      21.721  -9.372  15.581  0.00nan0x7fffffff
ATOM    131  O2P   G A   7      19.481  -9.360  14.527  0.00nan0x7fffffff
ATOM    132  O5*   G A   7      20.388 -11.586  15.390  0.00nan0x7fffffff
ATOM    133  C5*   G A   7      20.705 -12.452  16.510  0.00nan0x7fffffff
ATOM    134  C4*   G A   7      20.164 -13.823  16.172  0.00nan0x7fffffff
ATOM    135  C3*   G A   7      20.191 -14.196  14.699  0.00nan0x7fffffff
ATOM    136  O4*   G A   7      18.764 -13.864  16.526  0.00nan0x7fffffff
ATOM    137  O2*   G A   7      19.593 -16.470  15.030  0.00nan0x7fffffff
ATOM    138  C2*   G A   7      19.062 -15.221  14.610  0.00nan0x7fffffff
ATOM    139  C1*   G A   7      18.061 -14.680  15.618  0.00nan0x7fffffff
ATOM    140  N9    G A   7      17.005 -13.932  14.905  0.00nan0x7fffffff
ATOM    141  C8    G A   7      16.799 -12.576  14.890  0.00nan0x7fffffff
ATOM    142  N7    G A   7      15.744 -12.210  14.209  0.00nan0x7fffffff
ATOM    143  C5    G A   7      15.203 -13.414  13.762  0.00nan0x7fffffff
ATOM    144  O6    G A   7      13.258 -12.882  12.496  0.00nan0x7fffffff
ATOM    145  C6    G A   7      14.056 -13.692  12.973  0.00nan0x7fffffff
ATOM    146  N1    G A   7      13.843 -15.026  12.738  0.00nan0x7fffffff
ATOM    147  N2    G A   7      14.318 -17.247  12.901  0.00nan0x7fffffff
ATOM    148  C2    G A   7      14.667 -15.995  13.222  0.00nan0x7fffffff
ATOM    149  N3    G A   7      15.755 -15.790  13.964  0.00nan0x7fffffff
ATOM    150  C4    G A   7      15.962 -14.479  14.196  0.00nan0x7fffffff
ATOM    151  O3*   G A   7      21.452 -14.736  14.289  0.00nan0x7fffffff
ATOM    152  P     A A   8      22.052 -14.466  12.827  0.00nan0x7fffffff
ATOM    153  O1P   A A   8      23.521 -14.589  13.025  0.00nan0x7fffffff
ATOM    154  O2P   A A   8      21.663 -13.109  12.324  0.00nan0x7fffffff
ATOM    155  O5*   A A   8      21.410 -15.622  11.933  0.00nan0x7fffffff
ATOM    156  C5*   A A   8      20.577 -16.652  12.526  0.00nan0x7fffffff
ATOM    157  C4*   A A   8      19.724 -17.229  11.420  0.00nan0x7fffffff
ATOM    158  C3*   A A   8      19.931 -16.620  10.042  0.00nan0x7fffffff
ATOM    159  O4*   A A   8      18.333 -16.973  11.718  0.00nan0x7fffffff
ATOM    160  O2*   A A   8      18.649 -18.271   8.915  0.00nan0x7fffffff
ATOM    161  C2*   A A   8      18.595 -16.926   9.368  0.00nan0x7fffffff
ATOM    162  C1*   A A   8      17.614 -16.775  10.524  0.00nan0x7fffffff
ATOM    163  N9    A A   8      17.023 -15.422  10.443  0.00nan0x7fffffff
ATOM    164  C8    A A   8      17.508 -14.255  10.973  0.00nan0x7fffffff
ATOM    165  N7    A A   8      16.769 -13.207  10.708  0.00nan0x7fffffff
ATOM    166  C5    A A   8      15.728 -13.722   9.942  0.00nan0x7fffffff
ATOM    167  N6    A A   8      14.342 -11.800   9.433  0.00nan0x7fffffff
ATOM    168  C6    A A   8      14.604 -13.097   9.348  0.00nan0x7fffffff
ATOM    169  N1    A A   8      13.776 -13.936   8.656  0.00nan0x7fffffff
ATOM    170  C2    A A   8      14.029 -15.269   8.554  0.00nan0x7fffffff
ATOM    171  N3    A A   8      15.063 -15.916   9.088  0.00nan0x7fffffff
ATOM    172  C4    A A   8      15.874 -15.082   9.769  0.00nan0x7fffffff
ATOM    173  O3*   A A   8      21.051 -17.134   9.318  0.00nan0x7fffffff
ATOM    174  P     A A   9      22.150 -16.194   8.598  0.00nan0x7fffffff
ATOM    175  O1P   A A   9      23.440 -16.787   9.039  0.00nan0x7fffffff
ATOM    176  O2P   A A   9      22.001 -14.772   9.049  0.00nan0x7fffffff
ATOM    177  O5*   A A   9      21.860 -16.338   7.035  0.00nan0x7fffffff
ATOM    178  C5*   A A   9      22.959 -16.452   6.091  0.00nan0x7fffffff
ATOM    179  C4*   A A   9      22.464 -15.979   4.745  0.00nan0x7fffffff
ATOM    180  C3*   A A   9      21.389 -14.903   4.772  0.00nan0x7fffffff
ATOM    181  O4*   A A   9      21.847 -17.087   4.054  0.00nan0x7fffffff
ATOM    182  O2*   A A   9      21.490 -14.439   2.446  0.00nan0x7fffffff
ATOM    183  C2*   A A   9      20.706 -15.111   3.421  0.00nan0x7fffffff
ATOM    184  C1*   A A   9      20.789 -16.621   3.249  0.00nan0x7fffffff
ATOM    185  N9    A A   9      19.491 -17.223   3.614  0.00nan0x7fffffff
ATOM    186  C8    A A   9      19.232 -18.136   4.603  0.00nan0x7fffffff
ATOM    187  N7    A A   9      17.980 -18.517   4.658  0.00nan0x7fffffff
ATOM    188  C5    A A   9      17.378 -17.819   3.615  0.00nan0x7fffffff
ATOM    189  N6    A A   9      15.055 -18.504   3.690  0.00nan0x7fffffff
ATOM    190  C6    A A   9      16.045 -17.816   3.138  0.00nan0x7fffffff
ATOM    191  N1    A A   9      15.811 -16.976   2.084  0.00nan0x7fffffff
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ATOM    192  C2    A A   9      16.807 -16.243   1.518  0.00nan0x7fffffff
ATOM    193  N3    A A   9      18.081 -16.216   1.906  0.00nan0x7fffffff
ATOM    194  C4    A A   9      18.298 -17.031   2.958  0.00nan0x7fffffff
ATOM    195  O3*   A A   9      21.914 -13.580   4.920  0.00nan0x7fffffff
ATOM    196  P     U A  10      21.246 -12.467   5.866  0.00nan0x7fffffff
ATOM    197  O1P   U A  10      22.403 -11.626   6.276  0.00nan0x7fffffff
ATOM    198  O2P   U A  10      20.572 -13.103   7.045  0.00nan0x7fffffff
ATOM    199  O5*   U A  10      20.197 -11.728   4.925  0.00nan0x7fffffff
ATOM    200  C5*   U A  10      20.617 -10.773   3.916  0.00nan0x7fffffff
ATOM    201  C4*   U A  10      19.470 -10.647   2.936  0.00nan0x7fffffff
ATOM    202  C3*   U A  10      18.130 -10.262   3.543  0.00nan0x7fffffff
ATOM    203  O4*   U A  10      19.236 -11.948   2.349  0.00nan0x7fffffff
ATOM    204  O2*   U A  10      17.052  -9.933   1.453  0.00nan0x7fffffff
ATOM    205  C2*   U A  10      17.148 -10.851   2.532  0.00nan0x7fffffff
ATOM    206  C1*   U A  10      17.860 -12.129   2.106  0.00nan0x7fffffff
ATOM    207  N1    U A  10      17.313 -13.239   2.921  0.00nan0x7fffffff
ATOM    208  C6    U A  10      18.023 -13.812   3.934  0.00nan0x7fffffff
ATOM    209  C5    U A  10      17.524 -14.799   4.693  0.00nan0x7fffffff
ATOM    210  O4    U A  10      15.613 -16.150   5.072  0.00nan0x7fffffff
ATOM    211  C4    U A  10      16.193 -15.230   4.425  0.00nan0x7fffffff
ATOM    212  N3    U A  10      15.495 -14.646   3.410  0.00nan0x7fffffff
ATOM    213  O2    U A  10      15.372 -13.120   1.740  0.00nan0x7fffffff
ATOM    214  C2    U A  10      16.017 -13.641   2.647  0.00nan0x7fffffff
ATOM    215  O3*   U A  10      17.952  -8.856   3.729  0.00nan0x7fffffff
ATOM    216  P     U A  11      17.297  -8.245   5.072  0.00nan0x7fffffff
ATOM    217  O1P   U A  11      18.211  -7.121   5.408  0.00nan0x7fffffff
ATOM    218  O2P   U A  11      17.260  -9.281   6.155  0.00nan0x7fffffff
ATOM    219  O5*   U A  11      15.833  -7.802   4.636  0.00nan0x7fffffff
ATOM    220  C5*   U A  11      15.448  -6.404   4.643  0.00nan0x7fffffff
ATOM    221  C4*   U A  11      14.182  -6.282   3.829  0.00nan0x7fffffff
ATOM    222  C3*   U A  11      12.900  -6.734   4.504  0.00nan0x7fffffff
ATOM    223  O4*   U A  11      14.292  -7.138   2.668  0.00nan0x7fffffff
ATOM    224  O2*   U A  11      11.470  -5.855   2.825  0.00nan0x7fffffff
ATOM    225  C2*   U A  11      12.014  -7.074   3.308  0.00nan0x7fffffff
ATOM    226  C1*   U A  11      13.026  -7.653   2.327  0.00nan0x7fffffff
ATOM    227  N1    U A  11      12.987  -9.127   2.464  0.00nan0x7fffffff
ATOM    228  C6    U A  11      13.985  -9.828   3.074  0.00nan0x7fffffff
ATOM    229  C5    U A  11      13.944 -11.161   3.215  0.00nan0x7fffffff
ATOM    230  O4    U A  11      12.644 -13.099   2.788  0.00nan0x7fffffff
ATOM    231  C4    U A  11      12.811 -11.847   2.693  0.00nan0x7fffffff
ATOM    232  N3    U A  11      11.802 -11.128   2.120  0.00nan0x7fffffff
ATOM    233  O2    U A  11      10.953  -9.141   1.444  0.00nan0x7fffffff
ATOM    234  C2    U A  11      11.861  -9.771   1.981  0.00nan0x7fffffff
ATOM    235  O3*   U A  11      12.321  -5.735   5.349  0.00nan0x7fffffff
ATOM    236  P     G A  12      11.413  -6.214   6.587  0.00nan0x7fffffff
ATOM    237  O1P   G A  12      10.747  -4.961   7.029  0.00nan0x7fffffff
ATOM    238  O2P   G A  12      12.255  -6.819   7.668  0.00nan0x7fffffff
ATOM    239  O5*   G A  12      10.427  -7.293   5.944  0.00nan0x7fffffff
ATOM    240  C5*   G A  12       9.294  -6.846   5.156  0.00nan0x7fffffff
ATOM    241  C4*   G A  12       8.748  -8.052   4.432  0.00nan0x7fffffff
ATOM    242  C3*   G A  12       8.084  -9.115   5.295  0.00nan0x7fffffff
ATOM    243  O4*   G A  12       9.832  -8.749   3.781  0.00nan0x7fffffff
ATOM    244  O2*   G A  12       7.167 -10.301   3.449  0.00nan0x7fffffff
ATOM    245  C2*   G A  12       8.211 -10.351   4.412  0.00nan0x7fffffff
ATOM    246  C1*   G A  12       9.565 -10.133   3.749  0.00nan0x7fffffff
ATOM    247  N9    G A  12      10.591 -10.909   4.473  0.00nan0x7fffffff
ATOM    248  C8    G A  12      11.694 -10.425   5.129  0.00nan0x7fffffff
ATOM    249  N7    G A  12      12.444 -11.358   5.660  0.00nan0x7fffffff
ATOM    250  C5    G A  12      11.800 -12.542   5.308  0.00nan0x7fffffff
ATOM    251  O6    G A  12      13.076 -14.332   6.225  0.00nan0x7fffffff
ATOM    252  C6    G A  12      12.126 -13.899   5.568  0.00nan0x7fffffff
ATOM    253  N1    G A  12      11.223 -14.801   5.064  0.00nan0x7fffffff
ATOM    254  N2    G A  12       9.362 -15.426   3.911  0.00nan0x7fffffff
ATOM    255  C2    G A  12      10.135 -14.420   4.342  0.00nan0x7fffffff
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ATOM    256  N3    G A  12       9.788 -13.164   4.061  0.00nan0x7fffffff
ATOM    257  C4    G A  12      10.666 -12.278   4.570  0.00nan0x7fffffff
ATOM    258  O3*   G A  12       6.753  -8.763   5.655  0.00nan0x7fffffff
ATOM    259  P     U A  13       5.446  -9.628   5.797  0.00nan0x7fffffff
ATOM    260  O1P   U A  13       4.615  -9.234   4.618  0.00nan0x7fffffff
ATOM    261  O2P   U A  13       4.714  -9.330   7.081  0.00nan0x7fffffff
ATOM    262  O5*   U A  13       5.911 -11.152   5.764  0.00nan0x7fffffff
ATOM    263  C5*   U A  13       4.941 -12.192   5.475  0.00nan0x7fffffff
ATOM    264  C4*   U A  13       5.615 -13.514   5.757  0.00nan0x7fffffff
ATOM    265  C3*   U A  13       5.768 -13.892   7.218  0.00nan0x7fffffff
ATOM    266  O4*   U A  13       6.973 -13.456   5.260  0.00nan0x7fffffff
ATOM    267  O2*   U A  13       6.474 -16.119   6.787  0.00nan0x7fffffff
ATOM    268  C2*   U A  13       6.962 -14.844   7.179  0.00nan0x7fffffff
ATOM    269  C1*   U A  13       7.820 -14.222   6.085  0.00nan0x7fffffff
ATOM    270  N1    U A  13       8.859 -13.388   6.730  0.00nan0x7fffffff
ATOM    271  C6    U A  13       8.797 -12.025   6.746  0.00nan0x7fffffff
ATOM    272  C5    U A  13       9.751 -11.268   7.308  0.00nan0x7fffffff
ATOM    273  O4    U A  13      11.785 -11.332   8.527  0.00nan0x7fffffff
ATOM    274  C4    U A  13      10.830 -11.935   7.956  0.00nan0x7fffffff
ATOM    275  N3    U A  13      10.877 -13.298   7.936  0.00nan0x7fffffff
ATOM    276  O2    U A  13       9.963 -15.282   7.341  0.00nan0x7fffffff
ATOM    277  C2    U A  13       9.899 -14.055   7.356  0.00nan0x7fffffff
ATOM    278  O3*   U A  13       4.591 -14.510   7.750  0.00nan0x7fffffff
ATOM    279  P     U A  14       4.400 -14.537   9.339  0.00nan0x7fffffff
ATOM    280  O1P   U A  14       2.931 -14.398   9.521  0.00nan0x7fffffff
ATOM    281  O2P   U A  14       5.160 -13.427   9.999  0.00nan0x7fffffff
ATOM    282  O5*   U A  14       4.981 -15.966   9.766  0.00nan0x7fffffff
ATOM    283  C5*   U A  14       4.792 -17.101   8.883  0.00nan0x7fffffff
ATOM    284  C4*   U A  14       5.751 -18.180   9.321  0.00nan0x7fffffff
ATOM    285  C3*   U A  14       6.033 -18.275  10.811  0.00nan0x7fffffff
ATOM    286  O4*   U A  14       7.047 -17.929   8.731  0.00nan0x7fffffff
ATOM    287  O2*   U A  14       7.156 -20.362  10.665  0.00nan0x7fffffff
ATOM    288  C2*   U A  14       7.392 -18.971  10.827  0.00nan0x7fffffff
ATOM    289  C1*   U A  14       8.064 -18.379   9.594  0.00nan0x7fffffff
ATOM    290  N1    U A  14       8.957 -17.285  10.037  0.00nan0x7fffffff
ATOM    291  C6    U A  14       8.738 -15.981   9.706  0.00nan0x7fffffff
ATOM    292  C5    U A  14       9.546 -14.990  10.113  0.00nan0x7fffffff
ATOM    293  O4    U A  14      11.501 -14.496  11.362  0.00nan0x7fffffff
ATOM    294  C4    U A  14      10.668 -15.339  10.918  0.00nan0x7fffffff
ATOM    295  N3    U A  14      10.874 -16.647  11.243  0.00nan0x7fffffff
ATOM    296  O2    U A  14      10.243 -18.818  11.124  0.00nan0x7fffffff
ATOM    297  C2    U A  14      10.041 -17.644  10.822  0.00nan0x7fffffff
ATOM    298  O3*   U A  14       5.037 -18.996  11.540  0.00nan0x7fffffff
ATOM    299  P     G A  15       4.603 -18.534  13.022  0.00nan0x7fffffff
ATOM    300  O1P   G A  15       3.471 -19.443  13.343  0.00nan0x7fffffff
ATOM    301  O2P   G A  15       4.188 -17.094  13.027  0.00nan0x7fffffff
ATOM    302  O5*   G A  15       5.910 -18.768  13.899  0.00nan0x7fffffff
ATOM    303  C5*   G A  15       6.310 -20.118  14.251  0.00nan0x7fffffff
ATOM    304  C4*   G A  15       7.532 -19.995  15.128  0.00nan0x7fffffff
ATOM    305  C3*   G A  15       7.406 -19.081  16.335  0.00nan0x7fffffff
ATOM    306  O4*   G A  15       8.609 -19.417  14.356  0.00nan0x7fffffff
ATOM    307  O2*   G A  15       9.445 -19.780  17.331  0.00nan0x7fffffff
ATOM    308  C2*   G A  15       8.864 -18.711  16.600  0.00nan0x7fffffff
ATOM    309  C1*   G A  15       9.432 -18.635  15.190  0.00nan0x7fffffff
ATOM    310  N9    G A  15       9.471 -17.217  14.777  0.00nan0x7fffffff
ATOM    311  C8    G A  15       8.708 -16.591  13.828  0.00nan0x7fffffff
ATOM    312  N7    G A  15       8.984 -15.320  13.683  0.00nan0x7fffffff
ATOM    313  C5    G A  15      10.006 -15.094  14.601  0.00nan0x7fffffff
ATOM    314  O6    G A  15      10.605 -12.795  14.436  0.00nan0x7fffffff
ATOM    315  C6    G A  15      10.734 -13.919  14.926  0.00nan0x7fffffff
ATOM    316  N1    G A  15      11.681 -14.094  15.903  0.00nan0x7fffffff
ATOM    317  N2    G A  15      12.859 -15.296  17.437  0.00nan0x7fffffff
ATOM    318  C2    G A  15      11.899 -15.296  16.504  0.00nan0x7fffffff
ATOM    319  N3    G A  15      11.246 -16.426  16.238  0.00nan0x7fffffff
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ATOM    320  C4    G A  15      10.315 -16.253  15.279  0.00nan0x7fffffff
ATOM    321  O3*   G A  15       6.784 -19.705  17.461  0.00nan0x7fffffff
ATOM    322  P     G A  16       5.806 -18.871  18.430  0.00nan0x7fffffff
ATOM    323  O1P   G A  16       4.846 -19.898  18.914  0.00nan0x7fffffff
ATOM    324  O2P   G A  16       5.123 -17.769  17.679  0.00nan0x7fffffff
ATOM    325  O5*   G A  16       6.779 -18.295  19.554  0.00nan0x7fffffff
ATOM    326  C5*   G A  16       7.722 -19.172  20.222  0.00nan0x7fffffff
ATOM    327  C4*   G A  16       8.724 -18.291  20.927  0.00nan0x7fffffff
ATOM    328  C3*   G A  16       8.161 -17.086  21.660  0.00nan0x7fffffff
ATOM    329  O4*   G A  16       9.621 -17.722  19.946  0.00nan0x7fffffff
ATOM    330  O2*   G A  16      10.190 -16.559  22.775  0.00nan0x7fffffff
ATOM    331  C2*   G A  16       9.366 -16.148  21.694  0.00nan0x7fffffff
ATOM    332  C1*   G A  16      10.029 -16.438  20.355  0.00nan0x7fffffff
ATOM    333  N9    G A  16       9.626 -15.387  19.397  0.00nan0x7fffffff
ATOM    334  C8    G A  16       8.804 -15.506  18.308  0.00nan0x7fffffff
ATOM    335  N7    G A  16       8.642 -14.390  17.644  0.00nan0x7fffffff
ATOM    336  C5    G A  16       9.417 -13.470  18.346  0.00nan0x7fffffff
ATOM    337  O6    G A  16       9.206 -11.377  17.230  0.00nan0x7fffffff
ATOM    338  C6    G A  16       9.658 -12.088  18.131  0.00nan0x7fffffff
ATOM    339  N1    G A  16      10.494 -11.511  19.053  0.00nan0x7fffffff
ATOM    340  N2    G A  16      11.836 -11.498  20.892  0.00nan0x7fffffff
ATOM    341  C2    G A  16      11.042 -12.211  20.083  0.00nan0x7fffffff
ATOM    342  N3    G A  16      10.850 -13.506  20.330  0.00nan0x7fffffff
ATOM    343  C4    G A  16      10.028 -14.072  19.424  0.00nan0x7fffffff
ATOM    344  O3*   G A  16       7.666 -17.392  22.967  0.00nan0x7fffffff
ATOM    345  P     C A  17       6.358 -16.657  23.549  0.00nan0x7fffffff
ATOM    346  O1P   C A  17       5.760 -17.681  24.446  0.00nan0x7fffffff
ATOM    347  O2P   C A  17       5.429 -16.265  22.441  0.00nan0x7fffffff
ATOM    348  O5*   C A  17       6.940 -15.378  24.301  0.00nan0x7fffffff
ATOM    349  C5*   C A  17       8.043 -15.517  25.234  0.00nan0x7fffffff
ATOM    350  C4*   C A  17       8.603 -14.135  25.468  0.00nan0x7fffffff
ATOM    351  C3*   C A  17       7.587 -13.022  25.662  0.00nan0x7fffffff
ATOM    352  O4*   C A  17       9.354 -13.731  24.300  0.00nan0x7fffffff
ATOM    353  O2*   C A  17       9.183 -11.412  26.367  0.00nan0x7fffffff
ATOM    354  C2*   C A  17       8.390 -11.790  25.251  0.00nan0x7fffffff
ATOM    355  C1*   C A  17       9.253 -12.337  24.122  0.00nan0x7fffffff
ATOM    356  N1    C A  17       8.617 -11.979  22.835  0.00nan0x7fffffff
ATOM    357  C6    C A  17       8.040 -12.908  22.020  0.00nan0x7fffffff
ATOM    358  C5    C A  17       7.467 -12.583  20.850  0.00nan0x7fffffff
ATOM    359  N4    C A  17       6.932 -10.802  19.326  0.00nan0x7fffffff
ATOM    360  C4    C A  17       7.480 -11.212  20.474  0.00nan0x7fffffff
ATOM    361  N3    C A  17       8.059 -10.291  21.292  0.00nan0x7fffffff
ATOM    362  O2    C A  17       9.158  -9.800  23.210  0.00nan0x7fffffff
ATOM    363  C2    C A  17       8.638 -10.640  22.479  0.00nan0x7fffffff
ATOM    364  O3*   C A  17       7.087 -12.932  26.999  0.00nan0x7fffffff
ATOM    365  P     U A  18       5.550 -12.546  27.283  0.00nan0x7fffffff
ATOM    366  O1P   U A  18       5.247 -13.260  28.551  0.00nan0x7fffffff
ATOM    367  O2P   U A  18       4.670 -12.996  26.156  0.00nan0x7fffffff
ATOM    368  O5*   U A  18       5.571 -10.957  27.407  0.00nan0x7fffffff
ATOM    369  C5*   U A  18       6.546 -10.304  28.260  0.00nan0x7fffffff
ATOM    370  C4*   U A  18       6.559  -8.843  27.881  0.00nan0x7fffffff
ATOM    371  C3*   U A  18       5.204  -8.197  27.647  0.00nan0x7fffffff
ATOM    372  O4*   U A  18       7.246  -8.693  26.617  0.00nan0x7fffffff
ATOM    373  O2*   U A  18       6.049  -5.980  27.558  0.00nan0x7fffffff
ATOM    374  C2*   U A  18       5.567  -7.030  26.732  0.00nan0x7fffffff
ATOM    375  C1*   U A  18       6.686  -7.626  25.889  0.00nan0x7fffffff
ATOM    376  N1    U A  18       6.111  -8.065  24.598  0.00nan0x7fffffff
ATOM    377  C6    U A  18       5.982  -9.381  24.263  0.00nan0x7fffffff
ATOM    378  C5    U A  18       5.465  -9.777  23.090  0.00nan0x7fffffff
ATOM    379  O4    U A  18       4.541  -9.016  21.042  0.00nan0x7fffffff
ATOM    380  C4    U A  18       5.043  -8.769  22.177  0.00nan0x7fffffff
ATOM    381  N3    U A  18       5.180  -7.457  22.525  0.00nan0x7fffffff
ATOM    382  O2    U A  18       5.824  -5.883  24.019  0.00nan0x7fffffff
ATOM    383  C2    U A  18       5.709  -7.070  23.723  0.00nan0x7fffffff
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ATOM    384  O3*   U A  18       4.558  -7.772  28.851  0.00nan0x7fffffff
ATOM    385  P     A A  19       2.961  -7.891  29.017  0.00nan0x7fffffff
ATOM    386  O1P   A A  19       2.783  -8.083  30.480  0.00nan0x7fffffff
ATOM    387  O2P   A A  19       2.427  -9.046  28.226  0.00nan0x7fffffff
ATOM    388  O5*   A A  19       2.414  -6.501  28.461  0.00nan0x7fffffff
ATOM    389  C5*   A A  19       3.020  -5.255  28.890  0.00nan0x7fffffff
ATOM    390  C4*   A A  19       2.551  -4.182  27.937  0.00nan0x7fffffff
ATOM    391  C3*   A A  19       1.088  -4.234  27.533  0.00nan0x7fffffff
ATOM    392  O4*   A A  19       3.270  -4.316  26.690  0.00nan0x7fffffff
ATOM    393  O2*   A A  19       1.092  -2.104  26.484  0.00nan0x7fffffff
ATOM    394  C2*   A A  19       1.106  -3.495  26.197  0.00nan0x7fffffff
ATOM    395  C1*   A A  19       2.447  -3.924  25.617  0.00nan0x7fffffff
ATOM    396  N9    A A  19       2.210  -5.021  24.656  0.00nan0x7fffffff
ATOM    397  C8    A A  19       2.536  -6.345  24.785  0.00nan0x7fffffff
ATOM    398  N7    A A  19       2.199  -7.076  23.751  0.00nan0x7fffffff
ATOM    399  C5    A A  19       1.612  -6.164  22.879  0.00nan0x7fffffff
ATOM    400  N6    A A  19       0.976  -7.490  20.953  0.00nan0x7fffffff
ATOM    401  C6    A A  19       1.045  -6.330  21.593  0.00nan0x7fffffff
ATOM    402  N1    A A  19       0.553  -5.188  21.025  0.00nan0x7fffffff
ATOM    403  C2    A A  19       0.614  -3.988  21.665  0.00nan0x7fffffff
ATOM    404  N3    A A  19       1.132  -3.765  22.871  0.00nan0x7fffffff
ATOM    405  C4    A A  19       1.614  -4.897  23.423  0.00nan0x7fffffff
ATOM    406  O3*   A A  19       0.210  -3.628  28.486  0.00nan0x7fffffff
ATOM    407  P     U A  20      -1.251  -4.242  28.767  0.00nan0x7fffffff
ATOM    408  O1P   U A  20      -1.500  -3.895  30.190  0.00nan0x7fffffff
ATOM    409  O2P   U A  20      -1.262  -5.722  28.535  0.00nan0x7fffffff
ATOM    410  O5*   U A  20      -2.191  -3.482  27.726  0.00nan0x7fffffff
ATOM    411  C5*   U A  20      -2.105  -2.041  27.586  0.00nan0x7fffffff
ATOM    412  C4*   U A  20      -2.801  -1.677  26.297  0.00nan0x7fffffff
ATOM    413  C3*   U A  20      -4.101  -2.406  26.005  0.00nan0x7fffffff
ATOM    414  O4*   U A  20      -1.942  -2.024  25.187  0.00nan0x7fffffff
ATOM    415  O2*   U A  20      -4.707  -1.014  24.180  0.00nan0x7fffffff
ATOM    416  C2*   U A  20      -4.185  -2.299  24.484  0.00nan0x7fffffff
ATOM    417  C1*   U A  20      -2.722  -2.410  24.079  0.00nan0x7fffffff
ATOM    418  N1    U A  20      -2.460  -3.806  23.665  0.00nan0x7fffffff
ATOM    419  C6    U A  20      -1.695  -4.659  24.405  0.00nan0x7fffffff
ATOM    420  C5    U A  20      -1.458  -5.924  24.027  0.00nan0x7fffffff
ATOM    421  O4    U A  20      -1.884  -7.539  22.342  0.00nan0x7fffffff
ATOM    422  C4    U A  20      -2.036  -6.371  22.804  0.00nan0x7fffffff
ATOM    423  N3    U A  20      -2.798  -5.506  22.074  0.00nan0x7fffffff
ATOM    424  O2    U A  20      -3.720  -3.457  21.801  0.00nan0x7fffffff
ATOM    425  C2    U A  20      -3.030  -4.221  22.472  0.00nan0x7fffffff
ATOM    426  O3*   U A  20      -5.237  -1.835  26.661  0.00nan0x7fffffff
ATOM    427  P     A A  21      -6.418  -2.771  27.227  0.00nan0x7fffffff
ATOM    428  O1P   A A  21      -6.946  -1.997  28.380  0.00nan0x7fffffff
ATOM    429  O2P   A A  21      -5.886  -4.109  27.639  0.00nan0x7fffffff
ATOM    430  O5*   A A  21      -7.427  -2.898  25.998  0.00nan0x7fffffff
ATOM    431  C5*   A A  21      -7.809  -1.716  25.249  0.00nan0x7fffffff
ATOM    432  C4*   A A  21      -8.453  -2.191  23.969  0.00nan0x7fffffff
ATOM    433  C3*   A A  21      -9.382  -3.387  24.084  0.00nan0x7fffffff
ATOM    434  O4*   A A  21      -7.419  -2.631  23.059  0.00nan0x7fffffff
ATOM    435  O2*   A A  21     -10.245  -3.184  21.882  0.00nan0x7fffffff
ATOM    436  C2*   A A  21      -9.343  -3.951  22.666  0.00nan0x7fffffff
ATOM    437  C1*   A A  21      -7.899  -3.687  22.260  0.00nan0x7fffffff
ATOM    438  N9    A A  21      -7.129  -4.933  22.448  0.00nan0x7fffffff
ATOM    439  C8    A A  21      -6.176  -5.207  23.394  0.00nan0x7fffffff
ATOM    440  N7    A A  21      -5.666  -6.410  23.298  0.00nan0x7fffffff
ATOM    441  C5    A A  21      -6.330  -6.965  22.209  0.00nan0x7fffffff
ATOM    442  N6    A A  21      -5.406  -9.195  22.006  0.00nan0x7fffffff
ATOM    443  C6    A A  21      -6.228  -8.239  21.599  0.00nan0x7fffffff
ATOM    444  N1    A A  21      -7.055  -8.435  20.528  0.00nan0x7fffffff
ATOM    445  C2    A A  21      -7.906  -7.466  20.094  0.00nan0x7fffffff
ATOM    446  N3    A A  21      -8.050  -6.252  20.621  0.00nan0x7fffffff
ATOM    447  C4    A A  21      -7.232  -6.068  21.677  0.00nan0x7fffffff
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ATOM    448  O3*   A A  21     -10.705  -3.044  24.505  0.00nan0x7fffffff
ATOM    449  P     C A  22     -11.541  -4.028  25.466  0.00nan0x7fffffff
ATOM    450  O1P   C A  22     -12.385  -3.097  26.259  0.00nan0x7fffffff
ATOM    451  O2P   C A  22     -10.623  -4.836  26.331  0.00nan0x7fffffff
ATOM    452  O5*   C A  22     -12.351  -4.954  24.451  0.00nan0x7fffffff
ATOM    453  C5*   C A  22     -13.020  -4.363  23.307  0.00nan0x7fffffff
ATOM    454  C4*   C A  22     -13.355  -5.487  22.358  0.00nan0x7fffffff
ATOM    455  C3*   C A  22     -13.839  -6.781  22.989  0.00nan0x7fffffff
ATOM    456  O4*   C A  22     -12.159  -5.868  21.639  0.00nan0x7fffffff
ATOM    457  O2*   C A  22     -14.528  -7.760  20.938  0.00nan0x7fffffff
ATOM    458  C2*   C A  22     -13.493  -7.804  21.909  0.00nan0x7fffffff
ATOM    459  C1*   C A  22     -12.190  -7.246  21.352  0.00nan0x7fffffff
ATOM    460  N1    C A  22     -11.067  -7.979  21.976  0.00nan0x7fffffff
ATOM    461  C6    C A  22     -10.236  -7.405  22.893  0.00nan0x7fffffff
ATOM    462  C5    C A  22      -9.215  -8.070  23.456  0.00nan0x7fffffff
ATOM    463  N4    C A  22      -8.025 -10.155  23.572  0.00nan0x7fffffff
ATOM    464  C4    C A  22      -9.017  -9.420  23.062  0.00nan0x7fffffff
ATOM    465  N3    C A  22      -9.849  -9.987  22.145  0.00nan0x7fffffff
ATOM    466  O2    C A  22     -11.629  -9.816  20.755  0.00nan0x7fffffff
ATOM    467  C2    C A  22     -10.884  -9.295  21.582  0.00nan0x7fffffff
ATOM    468  O3*   C A  22     -15.232  -6.773  23.312  0.00nan0x7fffffff
ATOM    469  P     G A  23     -15.774  -7.521  24.630  0.00nan0x7fffffff
ATOM    470  O1P   G A  23     -16.781  -6.572  25.173  0.00nan0x7fffffff
ATOM    471  O2P   G A  23     -14.659  -7.778  25.596  0.00nan0x7fffffff
ATOM    472  O5*   G A  23     -16.385  -8.884  24.070  0.00nan0x7fffffff
ATOM    473  C5*   G A  23     -17.181  -8.878  22.857  0.00nan0x7fffffff
ATOM    474  C4*   G A  23     -17.284 -10.308  22.385  0.00nan0x7fffffff
ATOM    475  C3*   G A  23     -17.426 -11.366  23.466  0.00nan0x7fffffff
ATOM    476  O4*   G A  23     -16.064 -10.665  21.697  0.00nan0x7fffffff
ATOM    477  O2*   G A  23     -17.951 -13.124  21.960  0.00nan0x7fffffff
ATOM    478  C2*   G A  23     -16.895 -12.610  22.758  0.00nan0x7fffffff
ATOM    479  C1*   G A  23     -15.783 -12.031  21.893  0.00nan0x7fffffff
ATOM    480  N9    G A  23     -14.495 -12.251  22.582  0.00nan0x7fffffff
ATOM    481  C8    G A  23     -13.692 -11.322  23.191  0.00nan0x7fffffff
ATOM    482  N7    G A  23     -12.602 -11.827  23.711  0.00nan0x7fffffff
ATOM    483  C5    G A  23     -12.693 -13.186  23.421  0.00nan0x7fffffff
ATOM    484  O6    G A  23     -10.751 -14.229  24.322  0.00nan0x7fffffff
ATOM    485  C6    G A  23     -11.824 -14.269  23.715  0.00nan0x7fffffff
ATOM    486  N1    G A  23     -12.262 -15.485  23.256  0.00nan0x7fffffff
ATOM    487  N2    G A  23     -13.712 -16.886  22.198  0.00nan0x7fffffff
ATOM    488  C2    G A  23     -13.431 -15.632  22.576  0.00nan0x7fffffff
ATOM    489  N3    G A  23     -14.282 -14.652  22.274  0.00nan0x7fffffff
ATOM    490  C4    G A  23     -13.851 -13.458  22.725  0.00nan0x7fffffff
ATOM    491  O3*   G A  23     -18.768 -11.528  23.931  0.00nan0x7fffffff
ATOM    492  P     G A  24     -19.068 -11.867  25.476  0.00nan0x7fffffff
ATOM    493  O1P   G A  24     -20.178 -10.942  25.822  0.00nan0x7fffffff
ATOM    494  O2P   G A  24     -17.853 -11.635  26.320  0.00nan0x7fffffff
ATOM    495  O5*   G A  24     -19.476 -13.410  25.454  0.00nan0x7fffffff
ATOM    496  C5*   G A  24     -20.337 -13.917  24.402  0.00nan0x7fffffff
ATOM    497  C4*   G A  24     -20.211 -15.421  24.406  0.00nan0x7fffffff
ATOM    498  C3*   G A  24     -19.949 -16.071  25.754  0.00nan0x7fffffff
ATOM    499  O4*   G A  24     -19.069 -15.798  23.603  0.00nan0x7fffffff
ATOM    500  O2*   G A  24     -20.327 -18.285  24.985  0.00nan0x7fffffff
ATOM    501  C2*   G A  24     -19.289 -17.385  25.344  0.00nan0x7fffffff
ATOM    502  C1*   G A  24     -18.479 -16.965  24.125  0.00nan0x7fffffff
ATOM    503  N9    G A  24     -17.080 -16.748  24.550  0.00nan0x7fffffff
ATOM    504  C8    G A  24     -16.418 -15.559  24.705  0.00nan0x7fffffff
ATOM    505  N7    G A  24     -15.177 -15.693  25.097  0.00nan0x7fffffff
ATOM    506  C5    G A  24     -15.009 -17.071  25.206  0.00nan0x7fffffff
ATOM    507  O6    G A  24     -12.769 -17.453  25.917  0.00nan0x7fffffff
ATOM    508  C6    G A  24     -13.887 -17.853  25.586  0.00nan0x7fffffff
ATOM    509  N1    G A  24     -14.112 -19.206  25.573  0.00nan0x7fffffff
ATOM    510  N2    G A  24     -15.363 -21.083  25.262  0.00nan0x7fffffff
ATOM    511  C2    G A  24     -15.311 -19.746  25.223  0.00nan0x7fffffff
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ATOM    512  N3    G A  24     -16.394 -19.059  24.858  0.00nan0x7fffffff
ATOM    513  C4    G A  24     -16.172 -17.730  24.872  0.00nan0x7fffffff
ATOM    514  O3*   G A  24     -21.133 -16.269  26.531  0.00nan0x7fffffff
ATOM    515  P     U A  25     -21.115 -16.095  28.132  0.00nan0x7fffffff
ATOM    516  O1P   U A  25     -21.895 -14.849  28.352  0.00nan0x7fffffff
ATOM    517  O2P   U A  25     -19.711 -15.986  28.642  0.00nan0x7fffffff
ATOM    518  O5*   U A  25     -21.825 -17.423  28.663  0.00nan0x7fffffff
ATOM    519  C5*   U A  25     -23.268 -17.480  28.819  0.00nan0x7fffffff
ATOM    520  C4*   U A  25     -23.660 -18.940  28.821  0.00nan0x7fffffff
ATOM    521  C3*   U A  25     -22.971 -19.822  29.847  0.00nan0x7fffffff
ATOM    522  O4*   U A  25     -23.292 -19.522  27.549  0.00nan0x7fffffff
ATOM    523  O2*   U A  25     -24.393 -21.690  29.489  0.00nan0x7fffffff
ATOM    524  C2*   U A  25     -23.090 -21.202  29.204  0.00nan0x7fffffff
ATOM    525  C1*   U A  25     -22.936 -20.874  27.725  0.00nan0x7fffffff
ATOM    526  N1    U A  25     -21.532 -21.143  27.341  0.00nan0x7fffffff
ATOM    527  C6    U A  25     -20.648 -20.150  27.041  0.00nan0x7fffffff
ATOM    528  C5    U A  25     -19.375 -20.399  26.699  0.00nan0x7fffffff
ATOM    529  O4    U A  25     -17.780 -22.120  26.350  0.00nan0x7fffffff
ATOM    530  C4    U A  25     -18.953 -21.758  26.658  0.00nan0x7fffffff
ATOM    531  N3    U A  25     -19.847 -22.742  26.964  0.00nan0x7fffffff
ATOM    532  O2    U A  25     -21.932 -23.372  27.581  0.00nan0x7fffffff
ATOM    533  C2    U A  25     -21.140 -22.472  27.308  0.00nan0x7fffffff
ATOM    534  O3*   U A  25     -23.568 -19.768  31.146  0.00nan0x7fffffff
ATOM    535  P     U A  26     -22.641 -19.896  32.459  0.00nan0x7fffffff
ATOM    536  O1P   U A  26     -23.231 -18.899  33.394  0.00nan0x7fffffff
ATOM    537  O2P   U A  26     -21.209 -19.594  32.139  0.00nan0x7fffffff
ATOM    538  O5*   U A  26     -22.828 -21.417  32.910  0.00nan0x7fffffff
ATOM    539  C5*   U A  26     -24.047 -21.807  33.596  0.00nan0x7fffffff
ATOM    540  C4*   U A  26     -24.098 -23.315  33.605  0.00nan0x7fffffff
ATOM    541  C3*   U A  26     -22.898 -24.033  34.196  0.00nan0x7fffffff
ATOM    542  O4*   U A  26     -24.161 -23.796  32.243  0.00nan0x7fffffff
ATOM    543  O2*   U A  26     -23.950 -26.161  34.249  0.00nan0x7fffffff
ATOM    544  C2*   U A  26     -22.991 -25.403  33.529  0.00nan0x7fffffff
ATOM    545  C1*   U A  26     -23.503 -25.038  32.142  0.00nan0x7fffffff
ATOM    546  N1    U A  26     -22.338 -24.977  31.230  0.00nan0x7fffffff
ATOM    547  C6    U A  26     -21.852 -23.798  30.747  0.00nan0x7fffffff
ATOM    548  C5    U A  26     -20.787 -23.739  29.933  0.00nan0x7fffffff
ATOM    549  O4    U A  26     -19.150 -25.041  28.813  0.00nan0x7fffffff
ATOM    550  C4    U A  26     -20.158 -24.966  29.574  0.00nan0x7fffffff
ATOM    551  N3    U A  26     -20.650 -26.137  30.072  0.00nan0x7fffffff
ATOM    552  O2    U A  26     -22.163 -27.244  31.344  0.00nan0x7fffffff
ATOM    553  C2    U A  26     -21.733 -26.180  30.904  0.00nan0x7fffffff
ATOM    554  O3*   U A  26     -22.927 -24.108  35.624  0.00nan0x7fffffff
ATOM    555  P     U A  27     -21.525 -24.175  36.414  0.00nan0x7fffffff
ATOM    556  O1P   U A  27     -21.915 -23.968  37.830  0.00nan0x7fffffff
ATOM    557  O2P   U A  27     -20.579 -23.129  35.917  0.00nan0x7fffffff
ATOM    558  O5*   U A  27     -20.991 -25.649  36.083  0.00nan0x7fffffff
ATOM    559  C5*   U A  27     -21.734 -26.801  36.561  0.00nan0x7fffffff
ATOM    560  C4*   U A  27     -21.337 -27.988  35.721  0.00nan0x7fffffff
ATOM    561  C3*   U A  27     -19.965 -28.582  35.983  0.00nan0x7fffffff
ATOM    562  O4*   U A  27     -21.293 -27.597  34.329  0.00nan0x7fffffff
ATOM    563  O2*   U A  27     -20.344 -30.540  34.694  0.00nan0x7fffffff
ATOM    564  C2*   U A  27     -19.672 -29.290  34.662  0.00nan0x7fffffff
ATOM    565  C1*   U A  27     -20.312 -28.346  33.652  0.00nan0x7fffffff
ATOM    566  N1    U A  27     -19.247 -27.500  33.069  0.00nan0x7fffffff
ATOM    567  C6    U A  27     -19.205 -26.148  33.240  0.00nan0x7fffffff
ATOM    568  C5    U A  27     -18.242 -25.384  32.705  0.00nan0x7fffffff
ATOM    569  O4    U A  27     -16.277 -25.420  31.375  0.00nan0x7fffffff
ATOM    570  C4    U A  27     -17.236 -26.031  31.930  0.00nan0x7fffffff
ATOM    571  N3    U A  27     -17.291 -27.383  31.764  0.00nan0x7fffffff
ATOM    572  O2    U A  27     -18.312 -29.365  32.155  0.00nan0x7fffffff
ATOM    573  C2    U A  27     -18.280 -28.147  32.316  0.00nan0x7fffffff
ATOM    574  O3*   U A  27     -19.942 -29.472  37.103  0.00nan0x7fffffff
ATOM    575  P     A A  28     -18.597 -29.618  37.972  0.00nan0x7fffffff
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ATOM    576  O1P   A A  28     -19.091 -30.005  39.317  0.00nan0x7fffffff
ATOM    577  O2P   A A  28     -17.827 -28.334  37.992  0.00nan0x7fffffff
ATOM    578  O5*   A A  28     -17.789 -30.769  37.208  0.00nan0x7fffffff
ATOM    579  C5*   A A  28     -18.521 -31.757  36.437  0.00nan0x7fffffff
ATOM    580  C4*   A A  28     -17.537 -32.422  35.506  0.00nan0x7fffffff
ATOM    581  C3*   A A  28     -16.139 -32.651  36.052  0.00nan0x7fffffff
ATOM    582  O4*   A A  28     -17.333 -31.574  34.353  0.00nan0x7fffffff
ATOM    583  O2*   A A  28     -15.448 -34.049  34.261  0.00nan0x7fffffff
ATOM    584  C2*   A A  28     -15.311 -32.731  34.772  0.00nan0x7fffffff
ATOM    585  C1*   A A  28     -16.015 -31.718  33.878  0.00nan0x7fffffff
ATOM    586  N9    A A  28     -15.255 -30.452  33.918  0.00nan0x7fffffff
ATOM    587  C8    A A  28     -15.614 -29.266  34.502  0.00nan0x7fffffff
ATOM    588  N7    A A  28     -14.724 -28.315  34.359  0.00nan0x7fffffff
ATOM    589  C5    A A  28     -13.710 -28.920  33.623  0.00nan0x7fffffff
ATOM    590  N6    A A  28     -12.046 -27.181  33.340  0.00nan0x7fffffff
ATOM    591  C6    A A  28     -12.475 -28.421  33.144  0.00nan0x7fffffff
ATOM    592  N1    A A  28     -11.719 -29.320  32.444  0.00nan0x7fffffff
ATOM    593  C2    A A  28     -12.141 -30.597  32.232  0.00nan0x7fffffff
ATOM    594  N3    A A  28     -13.287 -31.126  32.654  0.00nan0x7fffffff
ATOM    595  C4    A A  28     -14.025 -30.232  33.343  0.00nan0x7fffffff
ATOM    596  O3*   A A  28     -16.032 -33.832  36.853  0.00nan0x7fffffff
ATOM    597  P     A A  29     -15.019 -33.876  38.102  0.00nan0x7fffffff
ATOM    598  O1P   A A  29     -15.614 -34.901  38.996  0.00nan0x7fffffff
ATOM    599  O2P   A A  29     -14.915 -32.535  38.758  0.00nan0x7fffffff
ATOM    600  O5*   A A  29     -13.630 -34.307  37.435  0.00nan0x7fffffff
ATOM    601  C5*   A A  29     -13.598 -35.366  36.444  0.00nan0x7fffffff
ATOM    602  C4*   A A  29     -12.333 -35.195  35.637  0.00nan0x7fffffff
ATOM    603  C3*   A A  29     -11.088 -34.804  36.414  0.00nan0x7fffffff
ATOM    604  O4*   A A  29     -12.520 -34.112  34.698  0.00nan0x7fffffff
ATOM    605  O2*   A A  29      -9.597 -35.171  34.603  0.00nan0x7fffffff
ATOM    606  C2*   A A  29     -10.241 -34.137  35.333  0.00nan0x7fffffff
ATOM    607  C1*   A A  29     -11.299 -33.443  34.486  0.00nan0x7fffffff
ATOM    608  N9    A A  29     -11.357 -32.022  34.886  0.00nan0x7fffffff
ATOM    609  C8    A A  29     -12.337 -31.380  35.598  0.00nan0x7fffffff
ATOM    610  N7    A A  29     -12.102 -30.106  35.791  0.00nan0x7fffffff
ATOM    611  C5    A A  29     -10.881 -29.895  35.159  0.00nan0x7fffffff
ATOM    612  N6    A A  29     -10.420 -27.542  35.499  0.00nan0x7fffffff
ATOM    613  C6    A A  29     -10.091 -28.730  35.011  0.00nan0x7fffffff
ATOM    614  N1    A A  29      -8.928 -28.903  34.313  0.00nan0x7fffffff
ATOM    615  C2    A A  29      -8.573 -30.114  33.804  0.00nan0x7fffffff
ATOM    616  N3    A A  29      -9.268 -31.245  33.907  0.00nan0x7fffffff
ATOM    617  C4    A A  29     -10.413 -31.064  34.597  0.00nan0x7fffffff
ATOM    618  O3*   A A  29     -10.426 -35.916  37.025  0.00nan0x7fffffff
ATOM    619  P     G A  30      -9.700 -35.753  38.452  0.00nan0x7fffffff
ATOM    620  O1P   G A  30      -9.827 -37.102  39.059  0.00nan0x7fffffff
ATOM    621  O2P   G A  30     -10.367 -34.694  39.274  0.00nan0x7fffffff
ATOM    622  O5*   G A  30      -8.207 -35.338  38.069  0.00nan0x7fffffff
ATOM    623  C5*   G A  30      -7.589 -35.881  36.873  0.00nan0x7fffffff
ATOM    624  C4*   G A  30      -6.396 -35.014  36.553  0.00nan0x7fffffff
ATOM    625  C3*   G A  30      -5.612 -34.482  37.741  0.00nan0x7fffffff
ATOM    626  O4*   G A  30      -6.851 -33.825  35.867  0.00nan0x7fffffff
ATOM    627  O2*   G A  30      -3.797 -33.680  36.438  0.00nan0x7fffffff
ATOM    628  C2*   G A  30      -4.947 -33.243  37.146  0.00nan0x7fffffff
ATOM    629  C1*   G A  30      -6.021 -32.735  36.193  0.00nan0x7fffffff
ATOM    630  N9    G A  30      -6.759 -31.645  36.866  0.00nan0x7fffffff
ATOM    631  C8    G A  30      -8.032 -31.673  37.371  0.00nan0x7fffffff
ATOM    632  N7    G A  30      -8.408 -30.543  37.915  0.00nan0x7fffffff
ATOM    633  C5    G A  30      -7.301 -29.712  37.756  0.00nan0x7fffffff
ATOM    634  O6    G A  30      -7.861 -27.605  38.712  0.00nan0x7fffffff
ATOM    635  C6    G A  30      -7.079 -28.362  38.133  0.00nan0x7fffffff
ATOM    636  N1    G A  30      -5.839 -27.879  37.799  0.00nan0x7fffffff
ATOM    637  N2    G A  30      -3.749 -28.014  36.907  0.00nan0x7fffffff
ATOM    638  C2    G A  30      -4.907 -28.637  37.160  0.00nan0x7fffffff
ATOM    639  N3    G A  30      -5.064 -29.906  36.783  0.00nan0x7fffffff
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ATOM    640  C4    G A  30      -6.282 -30.379  37.112  0.00nan0x7fffffff
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ATOM    642  P     U A  31      -4.399 -35.519  39.853  0.00nan0x7fffffff
ATOM    643  O1P   U A  31      -4.173 -36.971  40.069  0.00nan0x7fffffff
ATOM    644  O2P   U A  31      -5.573 -35.004  40.627  0.00nan0x7fffffff
ATOM    645  O5*   U A  31      -3.107 -34.608  40.080  0.00nan0x7fffffff
ATOM    646  C5*   U A  31      -1.831 -34.979  39.501  0.00nan0x7fffffff
ATOM    647  C4*   U A  31      -0.983 -33.732  39.429  0.00nan0x7fffffff
ATOM    648  C3*   U A  31      -0.387 -33.238  40.731  0.00nan0x7fffffff
ATOM    649  O4*   U A  31      -1.805 -32.632  38.973  0.00nan0x7fffffff
ATOM    650  O2*   U A  31       1.052 -31.655  39.705  0.00nan0x7fffffff
ATOM    651  C2*   U A  31      -0.163 -31.757  40.433  0.00nan0x7fffffff
ATOM    652  C1*   U A  31      -1.359 -31.428  39.551  0.00nan0x7fffffff
ATOM    653  N1    U A  31      -2.398 -30.780  40.380  0.00nan0x7fffffff
ATOM    654  C6    U A  31      -3.682 -31.240  40.436  0.00nan0x7fffffff
ATOM    655  C5    U A  31      -4.630 -30.643  41.174  0.00nan0x7fffffff
ATOM    656  O4    U A  31      -5.065 -28.829  42.641  0.00nan0x7fffffff
ATOM    657  C4    U A  31      -4.262 -29.479  41.910  0.00nan0x7fffffff
ATOM    658  N3    U A  31      -2.979 -29.024  41.836  0.00nan0x7fffffff
ATOM    659  O2    U A  31      -0.874 -29.218  41.026  0.00nan0x7fffffff
ATOM    660  C2    U A  31      -2.027 -29.640  41.076  0.00nan0x7fffffff
ATOM    661  O3*   U A  31       0.825 -33.925  41.060  0.00nan0x7fffffff
ATOM    662  P     G A  32       1.507 -33.627  42.469  0.00nan0x7fffffff
ATOM    663  O1P   G A  32       1.667 -34.976  43.080  0.00nan0x7fffffff
ATOM    664  O2P   G A  32       0.646 -32.735  43.317  0.00nan0x7fffffff
ATOM    665  O5*   G A  32       2.886 -32.911  42.105  0.00nan0x7fffffff
ATOM    666  C5*   G A  32       4.073 -33.722  41.913  0.00nan0x7fffffff
ATOM    667  C4*   G A  32       5.210 -32.778  41.613  0.00nan0x7fffffff
ATOM    668  C3*   G A  32       5.300 -31.526  42.467  0.00nan0x7fffffff
ATOM    669  O4*   G A  32       5.068 -32.277  40.264  0.00nan0x7fffffff
ATOM    670  O2*   G A  32       7.468 -30.922  41.710  0.00nan0x7fffffff
ATOM    671  C2*   G A  32       6.095 -30.587  41.563  0.00nan0x7fffffff
ATOM    672  C1*   G A  32       5.580 -30.968  40.181  0.00nan0x7fffffff
ATOM    673  N9    G A  32       4.558 -29.981  39.777  0.00nan0x7fffffff
ATOM    674  C8    G A  32       3.206 -30.164  39.660  0.00nan0x7fffffff
ATOM    675  N7    G A  32       2.559 -29.093  39.274  0.00nan0x7fffffff
ATOM    676  C5    G A  32       3.560 -28.136  39.125  0.00nan0x7fffffff
ATOM    677  O6    G A  32       2.506 -26.121  38.421  0.00nan0x7fffffff
ATOM    678  C6    G A  32       3.505 -26.774  38.730  0.00nan0x7fffffff
ATOM    679  N1    G A  32       4.724 -26.145  38.702  0.00nan0x7fffffff
ATOM    680  N2    G A  32       6.984 -26.022  38.947  0.00nan0x7fffffff
ATOM    681  C2    G A  32       5.883 -26.779  39.027  0.00nan0x7fffffff
ATOM    682  N3    G A  32       5.990 -28.053  39.403  0.00nan0x7fffffff
ATOM    683  C4    G A  32       4.793 -28.671  39.431  0.00nan0x7fffffff
ATOM    684  O3*   G A  32       5.937 -31.741  43.730  0.00nan0x7fffffff
ATOM    685  P     G A  33       5.448 -30.945  45.040  0.00nan0x7fffffff
ATOM    686  O1P   G A  33       5.869 -31.832  46.157  0.00nan0x7fffffff
ATOM    687  O2P   G A  33       3.964 -30.736  45.014  0.00nan0x7fffffff
ATOM    688  O5*   G A  33       6.233 -29.560  44.965  0.00nan0x7fffffff
ATOM    689  C5*   G A  33       7.677 -29.549  44.832  0.00nan0x7fffffff
ATOM    690  C4*   G A  33       8.076 -28.140  44.465  0.00nan0x7fffffff
ATOM    691  C3*   G A  33       7.445 -27.027  45.284  0.00nan0x7fffffff
ATOM    692  O4*   G A  33       7.649 -27.870  43.110  0.00nan0x7fffffff
ATOM    693  O2*   G A  33       8.853 -25.319  44.424  0.00nan0x7fffffff
ATOM    694  C2*   G A  33       7.537 -25.842  44.324  0.00nan0x7fffffff
ATOM    695  C1*   G A  33       7.310 -26.510  42.975  0.00nan0x7fffffff
ATOM    696  N9    G A  33       5.897 -26.316  42.589  0.00nan0x7fffffff
ATOM    697  C8    G A  33       4.909 -27.261  42.498  0.00nan0x7fffffff
ATOM    698  N7    G A  33       3.752 -26.781  42.120  0.00nan0x7fffffff
ATOM    699  C5    G A  33       3.998 -25.420  41.946  0.00nan0x7fffffff
ATOM    700  O6    G A  33       1.951 -24.420  41.251  0.00nan0x7fffffff
ATOM    701  C6    G A  33       3.147 -24.357  41.545  0.00nan0x7fffffff
ATOM    702  N1    G A  33       3.763 -23.132  41.490  0.00nan0x7fffffff
ATOM    703  N2    G A  33       5.523 -21.702  41.690  0.00nan0x7fffffff
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ATOM    704  C2    G A  33       5.078 -22.960  41.795  0.00nan0x7fffffff
ATOM    705  N3    G A  33       5.919 -23.922  42.175  0.00nan0x7fffffff
ATOM    706  C4    G A  33       5.313 -25.124  42.230  0.00nan0x7fffffff
ATOM    707  O3*   G A  33       8.113 -26.781  46.524  0.00nan0x7fffffff
ATOM    708  P     G A  34       7.288 -26.393  47.850  0.00nan0x7fffffff
ATOM    709  O1P   G A  34       8.134 -26.928  48.949  0.00nan0x7fffffff
ATOM    710  O2P   G A  34       5.926 -27.017  47.831  0.00nan0x7fffffff
ATOM    711  O5*   G A  34       7.201 -24.802  47.798  0.00nan0x7fffffff
ATOM    712  C5*   G A  34       8.402 -24.009  47.617  0.00nan0x7fffffff
ATOM    713  C4*   G A  34       7.957 -22.611  47.260  0.00nan0x7fffffff
ATOM    714  C3*   G A  34       6.817 -22.039  48.085  0.00nan0x7fffffff
ATOM    715  O4*   G A  34       7.449 -22.614  45.906  0.00nan0x7fffffff
ATOM    716  O2*   G A  34       7.040 -19.832  47.238  0.00nan0x7fffffff
ATOM    717  C2*   G A  34       6.233 -20.996  47.134  0.00nan0x7fffffff
ATOM    718  C1*   G A  34       6.411 -21.670  45.780  0.00nan0x7fffffff
ATOM    719  N9    G A  34       5.128 -22.293  45.396  0.00nan0x7fffffff
ATOM    720  C8    G A  34       4.829 -23.628  45.311  0.00nan0x7fffffff
ATOM    721  N7    G A  34       3.599 -23.870  44.934  0.00nan0x7fffffff
ATOM    722  C5    G A  34       3.050 -22.602  44.755  0.00nan0x7fffffff
ATOM    723  O6    G A  34       0.793 -22.906  44.062  0.00nan0x7fffffff
ATOM    724  C6    G A  34       1.753 -22.190  44.352  0.00nan0x7fffffff
ATOM    725  N1    G A  34       1.588 -20.829  44.290  0.00nan0x7fffffff
ATOM    726  N2    G A  34       2.261 -18.662  44.480  0.00nan0x7fffffff
ATOM    727  C2    G A  34       2.587 -19.956  44.591  0.00nan0x7fffffff
ATOM    728  N3    G A  34       3.819 -20.289  44.973  0.00nan0x7fffffff
ATOM    729  C4    G A  34       3.981 -21.625  45.034  0.00nan0x7fffffff
ATOM    730  O3*   G A  34       7.240 -21.473  49.328  0.00nan0x7fffffff
ATOM    731  P     C A  35       6.336 -21.613  50.653  0.00nan0x7fffffff
ATOM    732  O1P   C A  35       7.338 -21.625  51.751  0.00nan0x7fffffff
ATOM    733  O2P   C A  35       5.525 -22.872  50.614  0.00nan0x7fffffff
ATOM    734  O5*   C A  35       5.406 -20.319  50.622  0.00nan0x7fffffff
ATOM    735  C5*   C A  35       5.986 -19.007  50.403  0.00nan0x7fffffff
ATOM    736  C4*   C A  35       4.851 -18.073  50.056  0.00nan0x7fffffff
ATOM    737  C3*   C A  35       3.588 -18.214  50.889  0.00nan0x7fffffff
ATOM    738  O4*   C A  35       4.417 -18.346  48.704  0.00nan0x7fffffff
ATOM    739  O2*   C A  35       2.574 -16.235  50.056  0.00nan0x7fffffff
ATOM    740  C2*   C A  35       2.527 -17.650  49.946  0.00nan0x7fffffff
ATOM    741  C1*   C A  35       3.033 -18.114  48.587  0.00nan0x7fffffff
ATOM    742  N1    C A  35       2.289 -19.334  48.204  0.00nan0x7fffffff
ATOM    743  C6    C A  35       2.874 -20.565  48.158  0.00nan0x7fffffff
ATOM    744  C5    C A  35       2.200 -21.671  47.805  0.00nan0x7fffffff
ATOM    745  N4    C A  35       0.082 -22.568  47.107  0.00nan0x7fffffff
ATOM    746  C4    C A  35       0.827 -21.520  47.470  0.00nan0x7fffffff
ATOM    747  N3    C A  35       0.250 -20.288  47.515  0.00nan0x7fffffff
ATOM    748  O2    C A  35       0.421 -18.065  47.915  0.00nan0x7fffffff
ATOM    749  C2    C A  35       0.952 -19.173  47.877  0.00nan0x7fffffff
ATOM    750  O3*   C A  35       3.644 -17.515  52.135  0.00nan0x7fffffff
ATOM    751  P     C A  36       2.966 -18.128  53.460  0.00nan0x7fffffff
ATOM    752  O1P   C A  36       3.819 -17.601  54.556  0.00nan0x7fffffff
ATOM    753  O2P   C A  36       2.964 -19.625  53.414  0.00nan0x7fffffff
ATOM    754  O5*   C A  36       1.482 -17.542  53.436  0.00nan0x7fffffff
ATOM    755  C5*   C A  36       1.261 -16.126  53.213  0.00nan0x7fffffff
ATOM    756  C4*   C A  36      -0.200 -15.955  52.869  0.00nan0x7fffffff
ATOM    757  C3*   C A  36      -1.184 -16.757  53.703  0.00nan0x7fffffff
ATOM    758  O4*   C A  36      -0.420 -16.417  51.517  0.00nan0x7fffffff
ATOM    759  O2*   C A  36      -3.109 -15.640  52.876  0.00nan0x7fffffff
ATOM    760  C2*   C A  36      -2.383 -16.855  52.763  0.00nan0x7fffffff
ATOM    761  C1*   C A  36      -1.709 -16.970  51.402  0.00nan0x7fffffff
ATOM    762  N1    C A  36      -1.677 -18.399  51.019  0.00nan0x7fffffff
ATOM    763  C6    C A  36      -0.519 -19.118  50.973  0.00nan0x7fffffff
ATOM    764  C5    C A  36      -0.489 -20.413  50.620  0.00nan0x7fffffff
ATOM    765  N4    C A  36      -1.785 -22.313  49.921  0.00nan0x7fffffff
ATOM    766  C4    C A  36      -1.725 -21.028  50.284  0.00nan0x7fffffff
ATOM    767  N3    C A  36      -2.876 -20.303  50.329  0.00nan0x7fffffff
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ATOM    768  O2    C A  36      -3.934 -18.341  50.728  0.00nan0x7fffffff
ATOM    769  C2    C A  36      -2.888 -18.986  50.691  0.00nan0x7fffffff
ATOM    770  O3*   C A  36      -1.512 -16.140  54.951  0.00nan0x7fffffff
ATOM    771  P     C A  37      -1.751 -17.025  56.274  0.00nan0x7fffffff
ATOM    772  O1P   C A  37      -1.320 -16.121  57.372  0.00nan0x7fffffff
ATOM    773  O2P   C A  37      -0.941 -18.284  56.226  0.00nan0x7fffffff
ATOM    774  O5*   C A  37      -3.314 -17.337  56.249  0.00nan0x7fffffff
ATOM    775  C5*   C A  37      -4.269 -16.266  56.036  0.00nan0x7fffffff
ATOM    776  C4*   C A  37      -5.589 -16.911  55.687  0.00nan0x7fffffff
ATOM    777  C3*   C A  37      -5.985 -18.121  56.517  0.00nan0x7fffffff
ATOM    778  O4*   C A  37      -5.520 -17.416  54.334  0.00nan0x7fffffff
ATOM    779  O2*   C A  37      -8.206 -18.220  55.683  0.00nan0x7fffffff
ATOM    780  C2*   C A  37      -6.938 -18.850  55.572  0.00nan0x7fffffff
ATOM    781  C1*   C A  37      -6.305 -18.579  54.215  0.00nan0x7fffffff
ATOM    782  N1    C A  37      -5.504 -19.762  53.830  0.00nan0x7fffffff
ATOM    783  C6    C A  37      -4.141 -19.740  53.785  0.00nan0x7fffffff
ATOM    784  C5    C A  37      -3.414 -20.813  53.432  0.00nan0x7fffffff
ATOM    785  N4    C A  37      -3.477 -23.112  52.734  0.00nan0x7fffffff
ATOM    786  C4    C A  37      -4.121 -22.000  53.096  0.00nan0x7fffffff
ATOM    787  N3    C A  37      -5.482 -22.013  53.141  0.00nan0x7fffffff
ATOM    788  O2    C A  37      -7.433 -20.935  53.541  0.00nan0x7fffffff
ATOM    789  C2    C A  37      -6.205 -20.912  53.503  0.00nan0x7fffffff
ATOM    790  O3*   C A  37      -6.599 -17.782  57.764  0.00nan0x7fffffff
ATOM    791  P     C A  38      -6.325 -18.658  59.086  0.00nan0x7fffffff
ATOM    792  O1P   C A  38      -6.457 -17.667  60.186  0.00nan0x7fffffff
ATOM    793  O2P   C A  38      -4.961 -19.277  59.042  0.00nan0x7fffffff
ATOM    794  O5*   C A  38      -7.470 -19.768  59.054  0.00nan0x7fffffff
ATOM    795  C5*   C A  38      -8.851 -19.384  58.832  0.00nan0x7fffffff
ATOM    796  C4*   C A  38      -9.610 -20.642  58.485  0.00nan0x7fffffff
ATOM    797  C3*   C A  38      -9.290 -21.872  59.318  0.00nan0x7fffffff
ATOM    798  O4*   C A  38      -9.276 -21.033  57.133  0.00nan0x7fffffff
ATOM    799  O2*   C A  38     -11.101 -23.160  58.484  0.00nan0x7fffffff
ATOM    800  C2*   C A  38      -9.694 -23.003  58.375  0.00nan0x7fffffff
ATOM    801  C1*   C A  38      -9.306 -22.436  57.017  0.00nan0x7fffffff
ATOM    802  N1    C A  38      -7.992 -22.998  56.635  0.00nan0x7fffffff
ATOM    803  C6    C A  38      -6.858 -22.242  56.590  0.00nan0x7fffffff
ATOM    804  C5    C A  38      -5.667 -22.752  56.237  0.00nan0x7fffffff
ATOM    805  N4    C A  38      -4.475 -24.719  55.540  0.00nan0x7fffffff
ATOM    806  C4    C A  38      -5.619 -24.132  55.901  0.00nan0x7fffffff
ATOM    807  N3    C A  38      -6.756 -24.879  55.946  0.00nan0x7fffffff
ATOM    808  O2    C A  38      -8.980 -25.028  56.343  0.00nan0x7fffffff
ATOM    809  C2    C A  38      -7.960 -24.344  56.307  0.00nan0x7fffffff
ATOM    810  O3*   C A  38      -9.992 -21.916  60.563  0.00nan0x7fffffff
ATOM    811  P     G A  39      -9.291 -22.500  61.889  0.00nan0x7fffffff
ATOM    812  O1P   G A  39      -9.939 -21.733  62.985  0.00nan0x7fffffff
ATOM    813  O2P   G A  39      -7.809 -22.284  61.848  0.00nan0x7fffffff
ATOM    814  O5*   G A  39      -9.654 -24.052  61.863  0.00nan0x7fffffff
ATOM    815  C5*   G A  39     -11.021 -24.478  61.626  0.00nan0x7fffffff
ATOM    816  C4*   G A  39     -10.974 -25.947  61.282  0.00nan0x7fffffff
ATOM    817  C3*   G A  39     -10.040 -26.803  62.121  0.00nan0x7fffffff
ATOM    818  O4*   G A  39     -10.477 -26.096  59.933  0.00nan0x7fffffff
ATOM    819  O2*   G A  39     -10.856 -28.871  61.288  0.00nan0x7fffffff
ATOM    820  C2*   G A  39      -9.760 -27.974  61.181  0.00nan0x7fffffff
ATOM    821  C1*   G A  39      -9.739 -27.290  59.821  0.00nan0x7fffffff
ATOM    822  N9    G A  39      -8.331 -27.049  59.442  0.00nan0x7fffffff
ATOM    823  C8    G A  39      -7.672 -25.851  59.359  0.00nan0x7fffffff
ATOM    824  N7    G A  39      -6.422 -25.961  58.984  0.00nan0x7fffffff
ATOM    825  C5    G A  39      -6.249 -27.331  58.803  0.00nan0x7fffffff
ATOM    826  O6    G A  39      -3.995 -27.669  58.112  0.00nan0x7fffffff
ATOM    827  C6    G A  39      -5.118 -28.089  58.400  0.00nan0x7fffffff
ATOM    828  N1    G A  39      -5.339 -29.441  58.335  0.00nan0x7fffffff
ATOM    829  N2    G A  39      -6.591 -31.335  58.520  0.00nan0x7fffffff
ATOM    830  C2    G A  39      -6.543 -30.001  58.633  0.00nan0x7fffffff
ATOM    831  N3    G A  39      -7.634 -29.338  59.015  0.00nan0x7fffffff
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ATOM    832  C4    G A  39      -7.416 -28.010  59.078  0.00nan0x7fffffff
ATOM    833  O3*   G A  39     -10.610 -27.220  63.364  0.00nan0x7fffffff
ATOM    834  P     G A  40      -9.710 -27.325  64.695  0.00nan0x7fffffff
ATOM    835  O1P   G A  40     -10.675 -27.028  65.785  0.00nan0x7fffffff
ATOM    836  O2P   G A  40      -8.582 -26.340  64.655  0.00nan0x7fffffff
ATOM    837  O5*   G A  40      -9.174 -28.826  64.677  0.00nan0x7fffffff
ATOM    838  C5*   G A  40     -10.091 -29.929  64.458  0.00nan0x7fffffff
ATOM    839  C4*   G A  40      -9.256 -31.137  64.108  0.00nan0x7fffffff
ATOM    840  C3*   G A  40      -8.002 -31.349  64.940  0.00nan0x7fffffff
ATOM    841  O4*   G A  40      -8.765 -30.991  62.756  0.00nan0x7fffffff
ATOM    842  O2*   G A  40      -7.568 -33.528  64.102  0.00nan0x7fffffff
ATOM    843  C2*   G A  40      -7.136 -32.179  63.995  0.00nan0x7fffffff
ATOM    844  C1*   G A  40      -7.497 -31.591  62.637  0.00nan0x7fffffff
ATOM    845  N9    G A  40      -6.449 -30.623  62.255  0.00nan0x7fffffff
ATOM    846  C8    G A  40      -6.548 -29.259  62.174  0.00nan0x7fffffff
ATOM    847  N7    G A  40      -5.441 -28.670  61.798  0.00nan0x7fffffff
ATOM    848  C5    G A  40      -4.550 -29.725  61.614  0.00nan0x7fffffff
ATOM    849  O6    G A  40      -2.477 -28.780  60.920  0.00nan0x7fffffff
ATOM    850  C6    G A  40      -3.189 -29.744  61.208  0.00nan0x7fffffff
ATOM    851  N1    G A  40      -2.638 -30.999  61.142  0.00nan0x7fffffff
ATOM    852  N2    G A  40      -2.657 -33.268  61.325  0.00nan0x7fffffff
ATOM    853  C2    G A  40      -3.343 -32.124  61.440  0.00nan0x7fffffff
ATOM    854  N3    G A  40      -4.618 -32.162  61.825  0.00nan0x7fffffff
ATOM    855  C4    G A  40      -5.159 -30.930  61.890  0.00nan0x7fffffff
ATOM    856  O3*   G A  40      -8.248 -32.010  66.184  0.00nan0x7fffffff
ATOM    857  P     U A  41      -7.424 -31.612  67.509  0.00nan0x7fffffff
ATOM    858  O1P   U A  41      -8.395 -31.869  68.605  0.00nan0x7fffffff
ATOM    859  O2P   U A  41      -6.993 -30.179  67.459  0.00nan0x7fffffff
ATOM    860  O5*   U A  41      -6.171 -32.599  67.491  0.00nan0x7fffffff
ATOM    861  C5*   U A  41      -6.362 -34.016  67.246  0.00nan0x7fffffff
ATOM    862  C4*   U A  41      -5.009 -34.593  66.905  0.00nan0x7fffffff
ATOM    863  C3*   U A  41      -3.839 -34.104  67.741  0.00nan0x7fffffff
ATOM    864  O4*   U A  41      -4.665 -34.210  65.554  0.00nan0x7fffffff
ATOM    865  O2*   U A  41      -2.308 -35.718  66.915  0.00nan0x7fffffff
ATOM    866  C2*   U A  41      -2.659 -34.347  66.803  0.00nan0x7fffffff
ATOM    867  C1*   U A  41      -3.271 -34.044  65.442  0.00nan0x7fffffff
ATOM    868  N1    U A  41      -2.897 -32.664  65.061  0.00nan0x7fffffff
ATOM    869  C6    U A  41      -3.802 -31.646  65.016  0.00nan0x7fffffff
ATOM    870  C5    U A  41      -3.463 -30.396  64.665  0.00nan0x7fffffff
ATOM    871  O4    U A  41      -1.660 -29.015  63.980  0.00nan0x7fffffff
ATOM    872  C4    U A  41      -2.102 -30.149  64.326  0.00nan0x7fffffff
ATOM    873  N3    U A  41      -1.207 -31.178  64.372  0.00nan0x7fffffff
ATOM    874  O2    U A  41      -0.749 -33.360  64.768  0.00nan0x7fffffff
ATOM    875  C2    U A  41      -1.569 -32.445  64.732  0.00nan0x7fffffff
ATOM    876  O3*   U A  41      -3.701 -34.791  68.988  0.00nan0x7fffffff
ATOM    877  P     A A  42      -3.226 -34.013  70.315  0.00nan0x7fffffff
ATOM    878  O1P   A A  42      -3.895 -34.764  71.410  0.00nan0x7fffffff
ATOM    879  O2P   A A  42      -3.651 -32.577  70.272  0.00nan0x7fffffff
ATOM    880  O5*   A A  42      -1.638 -34.152  70.292  0.00nan0x7fffffff
ATOM    881  C5*   A A  42      -1.021 -35.444  70.055  0.00nan0x7fffffff
ATOM    882  C4*   A A  42       0.427 -35.188  69.713  0.00nan0x7fffffff
ATOM    883  C3*   A A  42       1.139 -34.140  70.550  0.00nan0x7fffffff
ATOM    884  O4*   A A  42       0.505 -34.676  68.362  0.00nan0x7fffffff
ATOM    885  O2*   A A  42       3.304 -34.653  69.721  0.00nan0x7fffffff
ATOM    886  C2*   A A  42       2.260 -33.697  69.612  0.00nan0x7fffffff
ATOM    887  C1*   A A  42       1.582 -33.775  68.251  0.00nan0x7fffffff
ATOM    888  N9    A A  42       1.143 -32.417  67.869  0.00nan0x7fffffff
ATOM    889  C8    A A  42      -0.136 -31.932  67.787  0.00nan0x7fffffff
ATOM    890  N7    A A  42      -0.204 -30.680  67.410  0.00nan0x7fffffff
ATOM    891  C5    A A  42       1.127 -30.317  67.228  0.00nan0x7fffffff
ATOM    892  N6    A A  42       1.034 -28.000  66.529  0.00nan0x7fffffff
ATOM    893  C6    A A  42       1.719 -29.096  66.825  0.00nan0x7fffffff
ATOM    894  N1    A A  42       3.084 -29.109  66.756  0.00nan0x7fffffff
ATOM    895  C2    A A  42       3.805 -30.224  67.057  0.00nan0x7fffffff
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ATOM    896  N3    A A  42       3.311 -31.399  67.440  0.00nan0x7fffffff
ATOM    897  C4    A A  42       1.965 -31.376  67.505  0.00nan0x7fffffff
ATOM    898  O3*   A A  42       1.632 -34.643  71.796  0.00nan0x7fffffff
ATOM    899  P     A A  43       1.608 -33.733  73.123  0.00nan0x7fffffff
ATOM    900  O1P   A A  43       1.446 -34.727  74.217  0.00nan0x7fffffff
ATOM    901  O2P   A A  43       0.477 -32.752  73.078  0.00nan0x7fffffff
ATOM    902  O5*   A A  43       3.022 -32.994  73.105  0.00nan0x7fffffff
ATOM    903  C5*   A A  43       4.237 -33.749  72.862  0.00nan0x7fffffff
ATOM    904  C4*   A A  43       5.317 -32.750  72.519  0.00nan0x7fffffff
ATOM    905  C3*   A A  43       5.350 -31.484  73.357  0.00nan0x7fffffff
ATOM    906  O4*   A A  43       5.106 -32.278  71.169  0.00nan0x7fffffff
ATOM    907  O2*   A A  43       7.449 -30.747  72.527  0.00nan0x7fffffff
ATOM    908  C2*   A A  43       6.054 -30.506  72.419  0.00nan0x7fffffff
ATOM    909  C1*   A A  43       5.525 -30.938  71.058  0.00nan0x7fffffff
ATOM    910  N9    A A  43       4.422 -30.033  70.676  0.00nan0x7fffffff
ATOM    911  C8    A A  43       3.083 -30.316  70.594  0.00nan0x7fffffff
ATOM    912  N7    A A  43       2.349 -29.299  70.217  0.00nan0x7fffffff
ATOM    913  C5    A A  43       3.273 -28.274  70.035  0.00nan0x7fffffff
ATOM    914  N6    A A  43       1.942 -26.375  69.335  0.00nan0x7fffffff
ATOM    915  C6    A A  43       3.111 -26.927  69.631  0.00nan0x7fffffff
ATOM    916  N1    A A  43       4.267 -26.201  69.562  0.00nan0x7fffffff
ATOM    917  C2    A A  43       5.476 -26.749  69.862  0.00nan0x7fffffff
ATOM    918  N3    A A  43       5.696 -28.004  70.246  0.00nan0x7fffffff
ATOM    919  C4    A A  43       4.551 -28.713  70.312  0.00nan0x7fffffff
ATOM    920  O3*   A A  43       6.036 -31.641  74.602  0.00nan0x7fffffff
ATOM    921  P     U A  44       5.526 -30.887  75.929  0.00nan0x7fffffff
ATOM    922  O1P   U A  44       5.912 -31.817  77.022  0.00nan0x7fffffff
ATOM    923  O2P   U A  44       4.047 -30.658  75.877  0.00nan0x7fffffff
ATOM    924  O5*   U A  44       6.330 -29.510  75.919  0.00nan0x7fffffff
ATOM    925  C5*   U A  44       7.761 -29.501  75.683  0.00nan0x7fffffff
ATOM    926  C4*   U A  44       8.145 -28.081  75.341  0.00nan0x7fffffff
ATOM    927  C3*   U A  44       7.496 -26.990  76.176  0.00nan0x7fffffff
ATOM    928  O4*   U A  44       7.721 -27.794  73.990  0.00nan0x7fffffff
ATOM    929  O2*   U A  44       8.883 -25.249  75.352  0.00nan0x7fffffff
ATOM    930  C2*   U A  44       7.575 -25.788  75.238  0.00nan0x7fffffff
ATOM    931  C1*   U A  44       7.362 -26.437  73.877  0.00nan0x7fffffff
ATOM    932  N1    U A  44       5.944 -26.260  73.493  0.00nan0x7fffffff
ATOM    933  C6    U A  44       5.062 -27.299  73.449  0.00nan0x7fffffff
ATOM    934  C5    U A  44       3.778 -27.139  73.096  0.00nan0x7fffffff
ATOM    935  O4    U A  44       2.159 -25.547  72.410  0.00nan0x7fffffff
ATOM    936  C4    U A  44       3.343 -25.825  72.757  0.00nan0x7fffffff
ATOM    937  N3    U A  44       4.236 -24.795  72.804  0.00nan0x7fffffff
ATOM    938  O2    U A  44       6.332 -24.036  73.201  0.00nan0x7fffffff
ATOM    939  C2    U A  44       5.541 -24.976  73.165  0.00nan0x7fffffff
ATOM    940  O3*   U A  44       8.155 -26.758  77.424  0.00nan0x7fffffff
ATOM    941  P     C A  45       7.316 -26.395  78.749  0.00nan0x7fffffff
ATOM    942  O1P   C A  45       8.145 -26.960  79.845  0.00nan0x7fffffff
ATOM    943  O2P   C A  45       5.950 -27.008  78.699  0.00nan0x7fffffff
ATOM    944  O5*   C A  45       7.241 -24.802  78.730  0.00nan0x7fffffff
ATOM    945  C5*   C A  45       8.441 -24.017  78.510  0.00nan0x7fffffff
ATOM    946  C4*   C A  45       7.997 -22.616  78.166  0.00nan0x7fffffff
ATOM    947  C3*   C A  45       6.860 -22.048  78.997  0.00nan0x7fffffff
ATOM    948  O4*   C A  45       7.488 -22.606  76.812  0.00nan0x7fffffff
ATOM    949  O2*   C A  45       7.089 -19.835  78.169  0.00nan0x7fffffff
ATOM    950  C2*   C A  45       6.279 -20.996  78.055  0.00nan0x7fffffff
ATOM    951  C1*   C A  45       6.453 -21.658  76.696  0.00nan0x7fffffff
ATOM    952  N1    C A  45       5.165 -22.276  76.311  0.00nan0x7fffffff
ATOM    953  C6    C A  45       4.985 -23.627  76.264  0.00nan0x7fffffff
ATOM    954  C5    C A  45       3.818 -24.187  75.911  0.00nan0x7fffffff
ATOM    955  N4    C A  45       1.553 -23.786  75.214  0.00nan0x7fffffff
ATOM    956  C4    C A  45       2.748 -23.313  75.576  0.00nan0x7fffffff
ATOM    957  N3    C A  45       2.935 -21.965  75.623  0.00nan0x7fffffff
ATOM    958  O2    C A  45       4.289 -20.194  76.023  0.00nan0x7fffffff
ATOM    959  C2    C A  45       4.131 -21.413  75.985  0.00nan0x7fffffff
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ATOM    960  O3*   C A  45       7.286 -21.494  80.245  0.00nan0x7fffffff
ATOM    961  P     U A  46       6.378 -21.640  81.566  0.00nan0x7fffffff
ATOM    962  O1P   U A  46       7.375 -21.654  82.668  0.00nan0x7fffffff
ATOM    963  O2P   U A  46       5.567 -22.899  81.520  0.00nan0x7fffffff
ATOM    964  O5*   U A  46       5.446 -20.346  81.535  0.00nan0x7fffffff
ATOM    965  C5*   U A  46       6.025 -19.036  81.305  0.00nan0x7fffffff
ATOM    966  C4*   U A  46       4.889 -18.104  80.960  0.00nan0x7fffffff
ATOM    967  C3*   U A  46       3.627 -18.244  81.794  0.00nan0x7fffffff
ATOM    968  O4*   U A  46       4.454 -18.376  79.608  0.00nan0x7fffffff
ATOM    969  O2*   U A  46       2.612 -16.265  80.963  0.00nan0x7fffffff
ATOM    970  C2*   U A  46       2.565 -17.680  80.852  0.00nan0x7fffffff
ATOM    971  C1*   U A  46       3.070 -18.144  79.493  0.00nan0x7fffffff
ATOM    972  N1    U A  46       2.324 -19.363  79.111  0.00nan0x7fffffff
ATOM    973  C6    U A  46       2.906 -20.595  79.066  0.00nan0x7fffffff
ATOM    974  C5    U A  46       2.230 -21.699  78.714  0.00nan0x7fffffff
ATOM    975  O4    U A  46       0.111 -22.517  78.029  0.00nan0x7fffffff
ATOM    976  C4    U A  46       0.854 -21.553  78.376  0.00nan0x7fffffff
ATOM    977  N3    U A  46       0.285 -20.315  78.422  0.00nan0x7fffffff
ATOM    978  O2    U A  46       0.457 -18.093  78.818  0.00nan0x7fffffff
ATOM    979  C2    U A  46       0.987 -19.201  78.783  0.00nan0x7fffffff
ATOM    980  O3*   U A  46       3.685 -17.545  83.040  0.00nan0x7fffffff
ATOM    981  P     U A  47       3.004 -18.156  84.364  0.00nan0x7fffffff
ATOM    982  O1P   U A  47       3.861 -17.636  85.461  0.00nan0x7fffffff
ATOM    983  O2P   U A  47       2.994 -19.654  84.316  0.00nan0x7fffffff
ATOM    984  O5*   U A  47       1.524 -17.563  84.342  0.00nan0x7fffffff
ATOM    985  C5*   U A  47       1.310 -16.145  84.124  0.00nan0x7fffffff
ATOM    986  C4*   U A  47      -0.148 -15.964  83.778  0.00nan0x7fffffff
ATOM    987  C3*   U A  47      -1.140 -16.759  84.611  0.00nan0x7fffffff
ATOM    988  O4*   U A  47      -0.370 -16.426  82.426  0.00nan0x7fffffff
ATOM    989  O2*   U A  47      -3.056 -15.630  83.780  0.00nan0x7fffffff
ATOM    990  C2*   U A  47      -2.338 -16.850  83.669  0.00nan0x7fffffff
ATOM    991  C1*   U A  47      -1.663 -16.970  82.309  0.00nan0x7fffffff
ATOM    992  N1    U A  47      -1.640 -18.399  81.926  0.00nan0x7fffffff
ATOM    993  C6    U A  47      -0.487 -19.127  81.881  0.00nan0x7fffffff
ATOM    994  C5    U A  47      -0.467 -20.421  81.528  0.00nan0x7fffffff
ATOM    995  O4    U A  47      -1.817 -22.247  80.842  0.00nan0x7fffffff
ATOM    996  C4    U A  47      -1.707 -21.035  81.190  0.00nan0x7fffffff
ATOM    997  N3    U A  47      -2.851 -20.295  81.237  0.00nan0x7fffffff
ATOM    998  O2    U A  47      -3.896 -18.326  81.635  0.00nan0x7fffffff
ATOM    999  C2    U A  47      -2.855 -18.978  81.598  0.00nan0x7fffffff
ATOM   1000  O3*   U A  47      -1.466 -16.138  85.857  0.00nan0x7fffffff
ATOM   1001  P     C A  48      -1.711 -17.019  87.182  0.00nan0x7fffffff
ATOM   1002  O1P   C A  48      -1.275 -16.116  88.279  0.00nan0x7fffffff
ATOM   1003  O2P   C A  48      -0.908 -18.284  87.137  0.00nan0x7fffffff
ATOM   1004  O5*   C A  48      -3.276 -17.322  87.157  0.00nan0x7fffffff
ATOM   1005  C5*   C A  48      -4.226 -16.244  86.953  0.00nan0x7fffffff
ATOM   1006  C4*   C A  48      -5.549 -16.880  86.601  0.00nan0x7fffffff
ATOM   1007  C3*   C A  48      -5.956 -18.087  87.429  0.00nan0x7fffffff
ATOM   1008  O4*   C A  48      -5.480 -17.385  85.248  0.00nan0x7fffffff
ATOM   1009  O2*   C A  48      -8.175 -18.171  86.590  0.00nan0x7fffffff
ATOM   1010  C2*   C A  48      -6.911 -18.809  86.482  0.00nan0x7fffffff
ATOM   1011  C1*   C A  48      -6.273 -18.542  85.126  0.00nan0x7fffffff
ATOM   1012  N1    C A  48      -5.479 -19.730  84.743  0.00nan0x7fffffff
ATOM   1013  C6    C A  48      -4.116 -19.717  84.697  0.00nan0x7fffffff
ATOM   1014  C5    C A  48      -3.396 -20.794  84.345  0.00nan0x7fffffff
ATOM   1015  N4    C A  48      -3.471 -23.093  83.649  0.00nan0x7fffffff
ATOM   1016  C4    C A  48      -4.109 -21.976  84.010  0.00nan0x7fffffff
ATOM   1017  N3    C A  48      -5.470 -21.982  84.056  0.00nan0x7fffffff
ATOM   1018  O2    C A  48      -7.415 -20.892  84.454  0.00nan0x7fffffff
ATOM   1019  C2    C A  48      -6.187 -20.876  84.416  0.00nan0x7fffffff
ATOM   1020  O3*   C A  48      -6.570 -17.744  88.674  0.00nan0x7fffffff
ATOM   1021  P     U A  49      -6.304 -18.620  89.998  0.00nan0x7fffffff
ATOM   1022  O1P   U A  49      -6.439 -17.628  91.098  0.00nan0x7fffffff
ATOM   1023  O2P   U A  49      -4.940 -19.240  89.961  0.00nan0x7fffffff
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ATOM   1024  O5*   U A  49      -7.449 -19.728  89.962  0.00nan0x7fffffff
ATOM   1025  C5*   U A  49      -8.833 -19.341  89.762  0.00nan0x7fffffff
ATOM   1026  C4*   U A  49      -9.596 -20.594  89.406  0.00nan0x7fffffff
ATOM   1027  C3*   U A  49      -9.283 -21.830  90.232  0.00nan0x7fffffff
ATOM   1028  O4*   U A  49      -9.260 -20.977  88.052  0.00nan0x7fffffff
ATOM   1029  O2*   U A  49     -11.097 -23.105  89.385  0.00nan0x7fffffff
ATOM   1030  C2*   U A  49      -9.689 -22.953  89.281  0.00nan0x7fffffff
ATOM   1031  C1*   U A  49      -9.296 -22.379  87.927  0.00nan0x7fffffff
ATOM   1032  N1    U A  49      -7.982 -22.943  87.547  0.00nan0x7fffffff
ATOM   1033  C6    U A  49      -6.845 -22.191  87.504  0.00nan0x7fffffff
ATOM   1034  C5    U A  49      -5.656 -22.702  87.154  0.00nan0x7fffffff
ATOM   1035  O4    U A  49      -4.542 -24.683  86.471  0.00nan0x7fffffff
ATOM   1036  C4    U A  49      -5.603 -24.085  86.816  0.00nan0x7fffffff
ATOM   1037  N3    U A  49      -6.748 -24.826  86.862  0.00nan0x7fffffff
ATOM   1038  O2    U A  49      -8.972 -24.972  87.254  0.00nan0x7fffffff
ATOM   1039  C2    U A  49      -7.951 -24.289  87.220  0.00nan0x7fffffff
ATOM   1040  O3*   U A  49      -9.988 -21.879  91.475  0.00nan0x7fffffff
ATOM   1041  P     U A  50      -9.290 -22.472  92.799  0.00nan0x7fffffff
ATOM   1042  O1P   U A  50      -9.950 -21.721  93.899  0.00nan0x7fffffff
ATOM   1043  O2P   U A  50      -7.810 -22.246  92.769  0.00nan0x7fffffff
ATOM   1044  O5*   U A  50      -9.642 -24.027  92.755  0.00nan0x7fffffff
ATOM   1045  C5*   U A  50     -11.026 -24.460  92.692  0.00nan0x7fffffff
ATOM   1046  C4*   U A  50     -11.017 -25.913  92.283  0.00nan0x7fffffff
ATOM   1047  C3*   U A  50     -10.102 -26.829  93.078  0.00nan0x7fffffff
ATOM   1048  O4*   U A  50     -10.530 -26.014  90.925  0.00nan0x7fffffff
ATOM   1049  O2*   U A  50     -10.973 -28.837  92.158  0.00nan0x7fffffff
ATOM   1050  C2*   U A  50      -9.856 -27.964  92.085  0.00nan0x7fffffff
ATOM   1051  C1*   U A  50      -9.824 -27.221  90.757  0.00nan0x7fffffff
ATOM   1052  N1    U A  50      -8.411 -27.001  90.377  0.00nan0x7fffffff
ATOM   1053  C6    U A  50      -7.850 -25.759  90.328  0.00nan0x7fffffff
ATOM   1054  C5    U A  50      -6.571 -25.559  89.975  0.00nan0x7fffffff
ATOM   1055  O4    U A  50      -4.576 -26.645  89.290  0.00nan0x7fffffff
ATOM   1056  C4    U A  50      -5.792 -26.703  89.638  0.00nan0x7fffffff
ATOM   1057  N3    U A  50      -6.367 -27.939  89.686  0.00nan0x7fffffff
ATOM   1058  O2    U A  50      -8.172 -29.246  90.084  0.00nan0x7fffffff
ATOM   1059  C2    U A  50      -7.671 -28.124  90.047  0.00nan0x7fffffff
ATOM   1060  O3*   U A  50     -10.678 -27.288  94.304  0.00nan0x7fffffff
ATOM   1061  P     C A  51      -9.791 -27.456  95.636  0.00nan0x7fffffff
ATOM   1062  O1P   C A  51     -10.770 -27.226  96.730  0.00nan0x7fffffff
ATOM   1063  O2P   C A  51      -8.673 -26.458  95.660  0.00nan0x7fffffff
ATOM   1064  O5*   C A  51      -9.238 -28.948  95.547  0.00nan0x7fffffff
ATOM   1065  C5*   C A  51     -10.110 -30.078  95.804  0.00nan0x7fffffff
ATOM   1066  C4*   C A  51      -9.411 -31.304  95.266  0.00nan0x7fffffff
ATOM   1067  C3*   C A  51      -8.122 -31.701  95.966  0.00nan0x7fffffff
ATOM   1068  O4*   C A  51      -9.010 -31.045  93.901  0.00nan0x7fffffff
ATOM   1069  O2*   C A  51      -7.922 -33.797  94.868  0.00nan0x7fffffff
ATOM   1070  C2*   C A  51      -7.396 -32.478  94.870  0.00nan0x7fffffff
ATOM   1071  C1*   C A  51      -7.807 -31.719  93.617  0.00nan0x7fffffff
ATOM   1072  N1    C A  51      -6.717 -30.788  93.248  0.00nan0x7fffffff
ATOM   1073  C6    C A  51      -6.897 -29.437  93.196  0.00nan0x7fffffff
ATOM   1074  C5    C A  51      -5.912 -28.592  92.849  0.00nan0x7fffffff
ATOM   1075  N4    C A  51      -3.617 -28.389  92.167  0.00nan0x7fffffff
ATOM   1076  C4    C A  51      -4.650 -29.158  92.522  0.00nan0x7fffffff
ATOM   1077  N3    C A  51      -4.481 -30.508  92.569  0.00nan0x7fffffff
ATOM   1078  O2    C A  51      -5.331 -32.570  92.963  0.00nan0x7fffffff
ATOM   1079  C2    C A  51      -5.495 -31.353  92.922  0.00nan0x7fffffff
ATOM   1080  O3*   C A  51      -8.335 -32.485  97.143  0.00nan0x7fffffff
ATOM   1081  P     G A  52      -7.408 -32.312  98.446  0.00nan0x7fffffff
ATOM   1082  O1P   G A  52      -8.242 -32.881  99.538  0.00nan0x7fffffff
ATOM   1083  O2P   G A  52      -7.080 -30.869  98.681  0.00nan0x7fffffff
ATOM   1084  O5*   G A  52      -6.101 -33.158  98.105  0.00nan0x7fffffff
ATOM   1085  C5*   G A  52      -6.165 -34.600  97.958  0.00nan0x7fffffff
ATOM   1086  C4*   G A  52      -4.909 -35.023  97.233  0.00nan0x7fffffff
ATOM   1087  C3*   G A  52      -3.597 -34.573  97.854  0.00nan0x7fffffff
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ATOM   1088  O4*   G A  52      -4.907 -34.417  95.920  0.00nan0x7fffffff
ATOM   1089  O2*   G A  52      -2.234 -35.914  96.447  0.00nan0x7fffffff
ATOM   1090  C2*   G A  52      -2.661 -34.575  96.648  0.00nan0x7fffffff
ATOM   1091  C1*   G A  52      -3.588 -34.118  95.529  0.00nan0x7fffffff
ATOM   1092  N9    G A  52      -3.386 -32.669  95.322  0.00nan0x7fffffff
ATOM   1093  C8    G A  52      -4.269 -31.652  95.576  0.00nan0x7fffffff
ATOM   1094  N7    G A  52      -3.802 -30.464  95.286  0.00nan0x7fffffff
ATOM   1095  C5    G A  52      -2.518 -30.718  94.812  0.00nan0x7fffffff
ATOM   1096  O6    G A  52      -1.550 -28.617  94.248  0.00nan0x7fffffff
ATOM   1097  C6    G A  52      -1.502 -29.846  94.340  0.00nan0x7fffffff
ATOM   1098  N1    G A  52      -0.348 -30.480  93.956  0.00nan0x7fffffff
ATOM   1099  N2    G A  52       0.986 -32.290  93.595  0.00nan0x7fffffff
ATOM   1100  C2    G A  52      -0.201 -31.831  94.014  0.00nan0x7fffffff
ATOM   1101  N3    G A  52      -1.120 -32.694  94.447  0.00nan0x7fffffff
ATOM   1102  C4    G A  52      -2.251 -32.070  94.829  0.00nan0x7fffffff
ATOM   1103  O3*   G A  52      -3.140 -35.427  98.906  0.00nan0x7fffffff
ATOM   1104  P     U A  53      -2.402 -34.820 100.202  0.00nan0x7fffffff
ATOM   1105  O1P   U A  53      -2.682 -35.828 101.258  0.00nan0x7fffffff
ATOM   1106  O2P   U A  53      -2.956 -33.471 100.548  0.00nan0x7fffffff
ATOM   1107  O5*   U A  53      -0.872 -34.727  99.766  0.00nan0x7fffffff
ATOM   1108  C5*   U A  53      -0.177 -35.909  99.290  0.00nan0x7fffffff
ATOM   1109  C4*   U A  53       1.100 -35.438  98.637  0.00nan0x7fffffff
ATOM   1110  C3*   U A  53       2.017 -34.580  99.493  0.00nan0x7fffffff
ATOM   1111  O4*   U A  53       0.767 -34.591  97.514  0.00nan0x7fffffff
ATOM   1112  O2*   U A  53       3.844 -34.660  97.978  0.00nan0x7fffffff
ATOM   1113  C2*   U A  53       2.802 -33.809  98.434  0.00nan0x7fffffff
ATOM   1114  C1*   U A  53       1.751 -33.597  97.353  0.00nan0x7fffffff
ATOM   1115  N1    U A  53       1.203 -32.230  97.495  0.00nan0x7fffffff
ATOM   1116  C6    U A  53      -0.096 -31.993  97.835  0.00nan0x7fffffff
ATOM   1117  C5    U A  53      -0.594 -30.753  97.956  0.00nan0x7fffffff
ATOM   1118  O4    U A  53      -0.064 -28.446  97.794  0.00nan0x7fffffff
ATOM   1119  C4    U A  53       0.286 -29.659  97.712  0.00nan0x7fffffff
ATOM   1120  N3    U A  53       1.582 -29.911  97.370  0.00nan0x7fffffff
ATOM   1121  O2    U A  53       3.244 -31.387  96.941  0.00nan0x7fffffff
ATOM   1122  C2    U A  53       2.073 -31.180  97.250  0.00nan0x7fffffff
ATOM   1123  O3*   U A  53       2.864 -35.339 100.360  0.00nan0x7fffffff
ATOM   1124  P     A A  54       3.226 -34.813 101.836  0.00nan0x7fffffff
ATOM   1125  O1P   A A  54       3.493 -36.065 102.591  0.00nan0x7fffffff
ATOM   1126  O2P   A A  54       2.085 -34.035 102.420  0.00nan0x7fffffff
ATOM   1127  O5*   A A  54       4.506 -33.889 101.613  0.00nan0x7fffffff
ATOM   1128  C5*   A A  54       5.658 -34.397 100.892  0.00nan0x7fffffff
ATOM   1129  C4*   A A  54       6.506 -33.205 100.518  0.00nan0x7fffffff
ATOM   1130  C3*   A A  54       6.784 -32.205 101.627  0.00nan0x7fffffff
ATOM   1131  O4*   A A  54       5.809 -32.435  99.511  0.00nan0x7fffffff
ATOM   1132  O2*   A A  54       8.417 -30.991 100.404  0.00nan0x7fffffff
ATOM   1133  C2*   A A  54       7.066 -30.929 100.836  0.00nan0x7fffffff
ATOM   1134  C1*   A A  54       6.106 -31.066  99.662  0.00nan0x7fffffff
ATOM   1135  N9    A A  54       4.903 -30.257  99.943  0.00nan0x7fffffff
ATOM   1136  C8    A A  54       3.651 -30.693 100.292  0.00nan0x7fffffff
ATOM   1137  N7    A A  54       2.783 -29.727 100.465  0.00nan0x7fffffff
ATOM   1138  C5    A A  54       3.517 -28.573 100.205  0.00nan0x7fffffff
ATOM   1139  N6    A A  54       1.935 -26.765 100.517  0.00nan0x7fffffff
ATOM   1140  C6    A A  54       3.151 -27.206 100.222  0.00nan0x7fffffff
ATOM   1141  N1    A A  54       4.155 -26.334  99.908  0.00nan0x7fffffff
ATOM   1142  C2    A A  54       5.411 -26.766  99.612  0.00nan0x7fffffff
ATOM   1143  N3    A A  54       5.817 -28.034  99.568  0.00nan0x7fffffff
ATOM   1144  C4    A A  54       4.820 -28.886  99.880  0.00nan0x7fffffff
ATOM   1145  O3*   A A  54       7.876 -32.580 102.471  0.00nan0x7fffffff
ATOM   1146  P     C A  55       7.844 -32.277 104.051  0.00nan0x7fffffff
ATOM   1147  O1P   C A  55       8.623 -33.402 104.632  0.00nan0x7fffffff
ATOM   1148  O2P   C A  55       6.435 -32.243 104.560  0.00nan0x7fffffff
ATOM   1149  O5*   C A  55       8.545 -30.851 104.183  0.00nan0x7fffffff
ATOM   1150  C5*   C A  55       9.604 -30.471 103.266  0.00nan0x7fffffff
ATOM   1151  C4*   C A  55       9.798 -28.981 103.409  0.00nan0x7fffffff
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ATOM   1152  C3*   C A  55       9.325 -28.366 104.716  0.00nan0x7fffffff
ATOM   1153  O4*   C A  55       9.019 -28.306 102.395  0.00nan0x7fffffff
ATOM   1154  O2*   C A  55      10.341 -26.255 104.326  0.00nan0x7fffffff
ATOM   1155  C2*   C A  55       9.083 -26.914 104.308  0.00nan0x7fffffff
ATOM   1156  C1*   C A  55       8.562 -27.068 102.885  0.00nan0x7fffffff
ATOM   1157  N1    C A  55       7.085 -26.984 102.918  0.00nan0x7fffffff
ATOM   1158  C6    C A  55       6.288 -28.090 102.866  0.00nan0x7fffffff
ATOM   1159  C5    C A  55       4.948 -28.013 102.891  0.00nan0x7fffffff
ATOM   1160  N4    C A  55       3.043 -26.551 103.000  0.00nan0x7fffffff
ATOM   1161  C4    C A  55       4.368 -26.718 102.971  0.00nan0x7fffffff
ATOM   1162  N3    C A  55       5.170 -25.619 103.020  0.00nan0x7fffffff
ATOM   1163  O2    C A  55       7.247 -24.717 103.038  0.00nan0x7fffffff
ATOM   1164  C2    C A  55       6.533 -25.716 102.993  0.00nan0x7fffffff
ATOM   1165  O3*   C A  55      10.268 -28.487 105.783  0.00nan0x7fffffff
ATOM   1166  P     U A  56       9.793 -28.795 107.291  0.00nan0x7fffffff
ATOM   1167  O1P   U A  56      10.995 -29.421 107.904  0.00nan0x7fffffff
ATOM   1168  O2P   U A  56       8.614 -29.721 107.297  0.00nan0x7fffffff
ATOM   1169  O5*   U A  56       9.417 -27.367 107.881  0.00nan0x7fffffff
ATOM   1170  C5*   U A  56      10.466 -26.420 108.212  0.00nan0x7fffffff
ATOM   1171  C4*   U A  56       9.780 -25.155 108.666  0.00nan0x7fffffff
ATOM   1172  C3*   U A  56       8.620 -25.329 109.631  0.00nan0x7fffffff
ATOM   1173  O4*   U A  56       9.189 -24.504 107.517  0.00nan0x7fffffff
ATOM   1174  O2*   U A  56       8.439 -23.018 110.143  0.00nan0x7fffffff
ATOM   1175  C2*   U A  56       7.819 -24.051 109.393  0.00nan0x7fffffff
ATOM   1176  C1*   U A  56       8.009 -23.836 107.897  0.00nan0x7fffffff
ATOM   1177  N1    U A  56       6.816 -24.366 107.200  0.00nan0x7fffffff
ATOM   1178  C6    U A  56       6.730 -25.659 106.775  0.00nan0x7fffffff
ATOM   1179  C5    U A  56       5.649 -26.138 106.142  0.00nan0x7fffffff
ATOM   1180  O4    U A  56       3.491 -25.577 105.331  0.00nan0x7fffffff
ATOM   1181  C4    U A  56       4.563 -25.244 105.916  0.00nan0x7fffffff
ATOM   1182  N3    U A  56       4.663 -23.953 106.346  0.00nan0x7fffffff
ATOM   1183  O2    U A  56       5.843 -22.315 107.369  0.00nan0x7fffffff
ATOM   1184  C2    U A  56       5.771 -23.481 106.989  0.00nan0x7fffffff
ATOM   1185  O3*   U A  56       9.027 -25.480 110.994  0.00nan0x7fffffff
ATOM   1186  P     C A  57       8.190 -26.435 111.983  0.00nan0x7fffffff
ATOM   1187  O1P   C A  57       7.190 -27.067 111.081  0.00nan0x7fffffff
ATOM   1188  O2P   C A  57       7.537 -25.633 113.069  0.00nan0x7fffffff
ATOM   1189  O5*   C A  57       9.272 -27.442 112.576  0.00nan0x7fffffff
ATOM   1190  C5*   C A  57      10.284 -28.045 111.730  0.00nan0x7fffffff
ATOM   1191  C4*   C A  57      10.794 -29.273 112.447  0.00nan0x7fffffff
ATOM   1192  C3*   C A  57       9.819 -30.434 112.553  0.00nan0x7fffffff
ATOM   1193  O4*   C A  57      11.085 -28.927 113.820  0.00nan0x7fffffff
ATOM   1194  O2*   C A  57      11.435 -31.980 113.351  0.00nan0x7fffffff
ATOM   1195  C2*   C A  57      10.347 -31.174 113.780  0.00nan0x7fffffff
ATOM   1196  C1*   C A  57      10.825 -30.028 114.661  0.00nan0x7fffffff
ATOM   1197  N1    C A  57       9.773 -29.728 115.658  0.00nan0x7fffffff
ATOM   1198  C6    C A  57       9.247 -28.478 115.807  0.00nan0x7fffffff
ATOM   1199  C5    C A  57       8.295 -28.199 116.712  0.00nan0x7fffffff
ATOM   1200  N4    C A  57       6.899 -29.077 118.461  0.00nan0x7fffffff
ATOM   1201  C4    C A  57       7.843 -29.266 117.535  0.00nan0x7fffffff
ATOM   1202  N3    C A  57       8.377 -30.510 117.384  0.00nan0x7fffffff
ATOM   1203  O2    C A  57       9.821 -31.901 116.329  0.00nan0x7fffffff
ATOM   1204  C2    C A  57       9.349 -30.774 116.461  0.00nan0x7fffffff
ATOM   1205  O3*   C A  57       9.779 -31.263 111.388  0.00nan0x7fffffff
ATOM   1206  P     G A  58       8.398 -31.861 110.819  0.00nan0x7fffffff
ATOM   1207  O1P   G A  58       8.814 -32.554 109.571  0.00nan0x7fffffff
ATOM   1208  O2P   G A  58       7.412 -30.764 110.553  0.00nan0x7fffffff
ATOM   1209  O5*   G A  58       7.885 -32.834 111.974  0.00nan0x7fffffff
ATOM   1210  C5*   G A  58       8.147 -34.259 111.907  0.00nan0x7fffffff
ATOM   1211  C4*   G A  58       7.175 -34.941 112.840  0.00nan0x7fffffff
ATOM   1212  C3*   G A  58       5.710 -34.574 112.670  0.00nan0x7fffffff
ATOM   1213  O4*   G A  58       7.481 -34.561 114.200  0.00nan0x7fffffff
ATOM   1214  O2*   G A  58       4.905 -36.302 114.085  0.00nan0x7fffffff
ATOM   1215  C2*   G A  58       5.144 -34.903 114.050  0.00nan0x7fffffff
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ATOM   1216  C1*   G A  58       6.299 -34.519 114.965  0.00nan0x7fffffff
ATOM   1217  N9    G A  58       6.029 -33.176 115.518  0.00nan0x7fffffff
ATOM   1218  C8    G A  58       6.493 -31.967 115.070  0.00nan0x7fffffff
ATOM   1219  N7    G A  58       6.080 -30.948 115.780  0.00nan0x7fffffff
ATOM   1220  C5    G A  58       5.289 -31.529 116.768  0.00nan0x7fffffff
ATOM   1221  O6    G A  58       4.468 -29.763 118.140  0.00nan0x7fffffff
ATOM   1222  C6    G A  58       4.559 -30.957 117.843  0.00nan0x7fffffff
ATOM   1223  N1    G A  58       3.890 -31.869 118.619  0.00nan0x7fffffff
ATOM   1224  N2    G A  58       3.219 -33.959 119.224  0.00nan0x7fffffff
ATOM   1225  C2    G A  58       3.927 -33.207 118.372  0.00nan0x7fffffff
ATOM   1226  N3    G A  58       4.595 -33.794 117.380  0.00nan0x7fffffff
ATOM   1227  C4    G A  58       5.252 -32.898 116.618  0.00nan0x7fffffff
ATOM   1228  O3*   G A  58       5.055 -35.293 111.622  0.00nan0x7fffffff
ATOM   1229  P     C A  59       3.969 -34.579 110.670  0.00nan0x7fffffff
ATOM   1230  O1P   C A  59       4.061 -35.360 109.407  0.00nan0x7fffffff
ATOM   1231  O2P   C A  59       4.313 -33.135 110.463  0.00nan0x7fffffff
ATOM   1232  O5*   C A  59       2.594 -34.746 111.452  0.00nan0x7fffffff
ATOM   1233  C5*   C A  59       1.814 -35.959 111.294  0.00nan0x7fffffff
ATOM   1234  C4*   C A  59       0.664 -35.869 112.267  0.00nan0x7fffffff
ATOM   1235  C3*   C A  59      -0.398 -34.827 111.962  0.00nan0x7fffffff
ATOM   1236  O4*   C A  59       1.175 -35.486 113.565  0.00nan0x7fffffff
ATOM   1237  O2*   C A  59      -1.933 -35.621 113.590  0.00nan0x7fffffff
ATOM   1238  C2*   C A  59      -0.999 -34.579 113.343  0.00nan0x7fffffff
ATOM   1239  C1*   C A  59       0.220 -34.707 114.246  0.00nan0x7fffffff
ATOM   1240  N1    C A  59       0.716 -33.346 114.549  0.00nan0x7fffffff
ATOM   1241  C6    C A  59       1.771 -32.787 113.890  0.00nan0x7fffffff
ATOM   1242  C5    C A  59       2.221 -31.553 114.167  0.00nan0x7fffffff
ATOM   1243  N4    C A  59       1.936 -29.593 115.529  0.00nan0x7fffffff
ATOM   1244  C4    C A  59       1.554 -30.827 115.190  0.00nan0x7fffffff
ATOM   1245  N3    C A  59       0.502 -31.392 115.845  0.00nan0x7fffffff
ATOM   1246  O2    C A  59      -0.894 -33.150 116.147  0.00nan0x7fffffff
ATOM   1247  C2    C A  59       0.057 -32.650 115.550  0.00nan0x7fffffff
ATOM   1248  O3*   C A  59      -1.371 -35.263 111.008  0.00nan0x7fffffff
ATOM   1249  P     C A  60      -1.982 -34.240 109.926  0.00nan0x7fffffff
ATOM   1250  O1P   C A  60      -2.378 -35.129 108.802  0.00nan0x7fffffff
ATOM   1251  O2P   C A  60      -0.955 -33.230 109.509  0.00nan0x7fffffff
ATOM   1252  O5*   C A  60      -3.200 -33.552 110.687  0.00nan0x7fffffff
ATOM   1253  C5*   C A  60      -4.482 -34.226 110.765  0.00nan0x7fffffff
ATOM   1254  C4*   C A  60      -5.321 -33.461 111.759  0.00nan0x7fffffff
ATOM   1255  C3*   C A  60      -5.612 -32.009 111.420  0.00nan0x7fffffff
ATOM   1256  O4*   C A  60      -4.613 -33.396 113.019  0.00nan0x7fffffff
ATOM   1257  O2*   C A  60      -7.235 -31.724 113.128  0.00nan0x7fffffff
ATOM   1258  C2*   C A  60      -5.889 -31.415 112.799  0.00nan0x7fffffff
ATOM   1259  C1*   C A  60      -4.915 -32.188 113.677  0.00nan0x7fffffff
ATOM   1260  N1    C A  60      -3.718 -31.347 113.896  0.00nan0x7fffffff
ATOM   1261  C6    C A  60      -2.489 -31.678 113.407  0.00nan0x7fffffff
ATOM   1262  C5    C A  60      -1.403 -30.915 113.609  0.00nan0x7fffffff
ATOM   1263  N4    C A  60      -0.544 -28.909 114.617  0.00nan0x7fffffff
ATOM   1264  C4    C A  60      -1.572 -29.725 114.368  0.00nan0x7fffffff
ATOM   1265  N3    C A  60      -2.802 -29.401 114.853  0.00nan0x7fffffff
ATOM   1266  O2    C A  60      -5.002 -29.887 115.080  0.00nan0x7fffffff
ATOM   1267  C2    C A  60      -3.896 -30.190 114.637  0.00nan0x7fffffff
ATOM   1268  O3*   C A  60      -6.708 -31.838 110.517  0.00nan0x7fffffff
ATOM   1269  P     A A  61      -6.478 -30.481 107.789  0.00nan0x7fffffff
ATOM   1270  O1P   A A  61      -7.430 -30.756 106.677  0.00nan0x7fffffff
ATOM   1271  O2P   A A  61      -5.075 -30.288 107.296  0.00nan0x7fffffff
ATOM   1272  O5*   A A  61      -6.920 -29.304 108.764  0.00nan0x7fffffff
ATOM   1273  C5*   A A  61      -7.917 -29.551 109.790  0.00nan0x7fffffff
ATOM   1274  C4*   A A  61      -8.012 -28.294 110.619  0.00nan0x7fffffff
ATOM   1275  C3*   A A  61      -7.490 -27.020 109.977  0.00nan0x7fffffff
ATOM   1276  O4*   A A  61      -7.201 -28.450 111.806  0.00nan0x7fffffff
ATOM   1277  O2*   A A  61      -8.382 -25.577 111.638  0.00nan0x7fffffff
ATOM   1278  C2*   A A  61      -7.166 -26.163 111.199  0.00nan0x7fffffff
ATOM   1279  C1*   A A  61      -6.667 -27.205 112.191  0.00nan0x7fffffff
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ATOM   1280  N9    A A  61      -5.190 -27.191 112.174  0.00nan0x7fffffff
ATOM   1281  C8    A A  61      -4.335 -28.223 111.889  0.00nan0x7fffffff
ATOM   1282  N7    A A  61      -3.068 -27.894 111.954  0.00nan0x7fffffff
ATOM   1283  C5    A A  61      -3.095 -26.547 112.303  0.00nan0x7fffffff
ATOM   1284  N6    A A  61      -0.762 -25.907 112.424  0.00nan0x7fffffff
ATOM   1285  C6    A A  61      -2.052 -25.616 112.527  0.00nan0x7fffffff
ATOM   1286  N1    A A  61      -2.462 -24.353 112.851  0.00nan0x7fffffff
ATOM   1287  C2    A A  61      -3.781 -24.037 112.966  0.00nan0x7fffffff
ATOM   1288  N3    A A  61      -4.808 -24.863 112.771  0.00nan0x7fffffff
ATOM   1289  C4    A A  61      -4.393 -26.103 112.441  0.00nan0x7fffffff
ATOM   1290  O3*   A A  61      -8.427 -26.391 109.098  0.00nan0x7fffffff
ATOM   1291  P     A A  62      -7.946 -25.698 107.725  0.00nan0x7fffffff
ATOM   1292  O1P   A A  62      -9.224 -25.454 107.004  0.00nan0x7fffffff
ATOM   1293  O2P   A A  62      -7.036 -26.613 106.962  0.00nan0x7fffffff
ATOM   1294  O5*   A A  62      -7.190 -24.382 108.197  0.00nan0x7fffffff
ATOM   1295  C5*   A A  62      -7.853 -23.450 109.091  0.00nan0x7fffffff
ATOM   1296  C4*   A A  62      -6.911 -22.288 109.287  0.00nan0x7fffffff
ATOM   1297  C3*   A A  62      -6.112 -21.854 108.071  0.00nan0x7fffffff
ATOM   1298  O4*   A A  62      -5.905 -22.657 110.259  0.00nan0x7fffffff
ATOM   1299  O2*   A A  62      -5.308 -19.849 109.054  0.00nan0x7fffffff
ATOM   1300  C2*   A A  62      -4.909 -21.168 108.712  0.00nan0x7fffffff
ATOM   1301  C1*   A A  62      -4.688 -22.017 109.957  0.00nan0x7fffffff
ATOM   1302  N9    A A  62      -3.597 -22.975 109.686  0.00nan0x7fffffff
ATOM   1303  C8    A A  62      -3.695 -24.282 109.284  0.00nan0x7fffffff
ATOM   1304  N7    A A  62      -2.539 -24.881 109.144  0.00nan0x7fffffff
ATOM   1305  C5    A A  62      -1.614 -23.898 109.485  0.00nan0x7fffffff
ATOM   1306  N6    A A  62       0.540 -24.978 109.235  0.00nan0x7fffffff
ATOM   1307  C6    A A  62      -0.200 -23.919 109.535  0.00nan0x7fffffff
ATOM   1308  N1    A A  62       0.383 -22.745 109.922  0.00nan0x7fffffff
ATOM   1309  C2    A A  62      -0.358 -21.646 110.230  0.00nan0x7fffffff
ATOM   1310  N3    A A  62      -1.686 -21.561 110.207  0.00nan0x7fffffff
ATOM   1311  C4    A A  62      -2.252 -22.724 109.825  0.00nan0x7fffffff
ATOM   1312  O3*   A A  62      -6.843 -20.986 107.200  0.00nan0x7fffffff
ATOM   1313  P     A A  63      -6.561 -21.010 105.618  0.00nan0x7fffffff
ATOM   1314  O1P   A A  63      -7.828 -20.509 105.030  0.00nan0x7fffffff
ATOM   1315  O2P   A A  63      -6.219 -22.390 105.151  0.00nan0x7fffffff
ATOM   1316  O5*   A A  63      -5.317 -20.015 105.451  0.00nan0x7fffffff
ATOM   1317  C5*   A A  63      -5.340 -18.708 106.078  0.00nan0x7fffffff
ATOM   1318  C4*   A A  63      -3.909 -18.247 106.222  0.00nan0x7fffffff
ATOM   1319  C3*   A A  63      -3.018 -18.428 105.005  0.00nan0x7fffffff
ATOM   1320  O4*   A A  63      -3.268 -19.033 107.253  0.00nan0x7fffffff
ATOM   1321  O2*   A A  63      -1.222 -17.138 105.869  0.00nan0x7fffffff
ATOM   1322  C2*   A A  63      -1.629 -18.478 105.638  0.00nan0x7fffffff
ATOM   1323  C1*   A A  63      -1.904 -19.205 106.947  0.00nan0x7fffffff
ATOM   1324  N9    A A  63      -1.537 -20.626 106.785  0.00nan0x7fffffff
ATOM   1325  C8    A A  63      -2.369 -21.700 106.603  0.00nan0x7fffffff
ATOM   1326  N7    A A  63      -1.741 -22.846 106.509  0.00nan0x7fffffff
ATOM   1327  C5    A A  63      -0.400 -22.500 106.648  0.00nan0x7fffffff
ATOM   1328  N6    A A  63       0.789 -24.604 106.479  0.00nan0x7fffffff
ATOM   1329  C6    A A  63       0.776 -23.287 106.638  0.00nan0x7fffffff
ATOM   1330  N1    A A  63       1.940 -22.591 106.806  0.00nan0x7fffffff
ATOM   1331  C2    A A  63       1.948 -21.240 106.971  0.00nan0x7fffffff
ATOM   1332  N3    A A  63       0.881 -20.444 106.990  0.00nan0x7fffffff
ATOM   1333  C4    A A  63      -0.262 -21.140 106.823  0.00nan0x7fffffff
ATOM   1334  O3*   A A  63      -3.151 -17.370 104.051  0.00nan0x7fffffff
ATOM   1335  P     G A  64      -2.991 -17.662 102.479  0.00nan0x7fffffff
ATOM   1336  O1P   G A  64      -3.874 -16.651 101.845  0.00nan0x7fffffff
ATOM   1337  O2P   G A  64      -3.397 -19.064 102.146  0.00nan0x7fffffff
ATOM   1338  O5*   G A  64      -1.429 -17.432 102.216  0.00nan0x7fffffff
ATOM   1339  C5*   G A  64      -0.759 -16.262 102.752  0.00nan0x7fffffff
ATOM   1340  C4*   G A  64       0.716 -16.581 102.824  0.00nan0x7fffffff
ATOM   1341  C3*   G A  64       1.293 -17.348 101.647  0.00nan0x7fffffff
ATOM   1342  O4*   G A  64       0.948 -17.446 103.960  0.00nan0x7fffffff
ATOM   1343  O2*   G A  64       3.556 -17.069 102.307  0.00nan0x7fffffff
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ATOM   1344  C2*   G A  64       2.507 -18.026 102.277  0.00nan0x7fffffff
ATOM   1345  C1*   G A  64       2.004 -18.335 103.680  0.00nan0x7fffffff
ATOM   1346  N9    G A  64       1.571 -19.747 103.720  0.00nan0x7fffffff
ATOM   1347  C8    G A  64       0.295 -20.241 103.638  0.00nan0x7fffffff
ATOM   1348  N7    G A  64       0.229 -21.546 103.716  0.00nan0x7fffffff
ATOM   1349  C5    G A  64       1.557 -21.939 103.865  0.00nan0x7fffffff
ATOM   1350  O6    G A  64       1.573 -24.315 104.018  0.00nan0x7fffffff
ATOM   1351  C6    G A  64       2.146 -23.223 104.002  0.00nan0x7fffffff
ATOM   1352  N1    G A  64       3.512 -23.206 104.129  0.00nan0x7fffffff
ATOM   1353  N2    G A  64       5.556 -22.212 104.255  0.00nan0x7fffffff
ATOM   1354  C2    G A  64       4.233 -22.052 104.122  0.00nan0x7fffffff
ATOM   1355  N3    G A  64       3.732 -20.824 103.996  0.00nan0x7fffffff
ATOM   1356  C4    G A  64       2.390 -20.841 103.872  0.00nan0x7fffffff
ATOM   1357  O3*   G A  64       1.641 -16.510 100.541  0.00nan0x7fffffff
ATOM   1358  P     U A  65       1.469 -17.031  99.029  0.00nan0x7fffffff
ATOM   1359  O1P   U A  65       1.222 -15.785  98.260  0.00nan0x7fffffff
ATOM   1360  O2P   U A  65       0.336 -18.002  98.921  0.00nan0x7fffffff
ATOM   1361  O5*   U A  65       2.870 -17.734  98.716  0.00nan0x7fffffff
ATOM   1362  C5*   U A  65       4.114 -17.031  98.964  0.00nan0x7fffffff
ATOM   1363  C4*   U A  65       5.205 -18.069  99.074  0.00nan0x7fffffff
ATOM   1364  C3*   U A  65       5.247 -19.118  97.976  0.00nan0x7fffffff
ATOM   1365  O4*   U A  65       5.003 -18.831 100.286  0.00nan0x7fffffff
ATOM   1366  O2*   U A  65       7.353 -20.006  98.618  0.00nan0x7fffffff
ATOM   1367  C2*   U A  65       5.959 -20.274  98.673  0.00nan0x7fffffff
ATOM   1368  C1*   U A  65       5.432 -20.159 100.097  0.00nan0x7fffffff
ATOM   1369  N1    U A  65       4.334 -21.135 100.269  0.00nan0x7fffffff
ATOM   1370  C6    U A  65       3.027 -20.759 100.370  0.00nan0x7fffffff
ATOM   1371  C5    U A  65       2.033 -21.645 100.535  0.00nan0x7fffffff
ATOM   1372  O4    U A  65       1.535 -23.953 100.763  0.00nan0x7fffffff
ATOM   1373  C4    U A  65       2.381 -23.024 100.610  0.00nan0x7fffffff
ATOM   1374  N3    U A  65       3.692 -23.386 100.512  0.00nan0x7fffffff
ATOM   1375  O2    U A  65       5.868 -22.817 100.259  0.00nan0x7fffffff
ATOM   1376  C2    U A  65       4.692 -22.472 100.345  0.00nan0x7fffffff
ATOM   1377  O3*   U A  65       5.931 -18.679  96.799  0.00nan0x7fffffff
ATOM   1378  P     A A  66       5.443 -19.149  95.340  0.00nan0x7fffffff
ATOM   1379  O1P   A A  66       6.028 -18.128  94.434  0.00nan0x7fffffff
ATOM   1380  O2P   A A  66       3.949 -19.191  95.261  0.00nan0x7fffffff
ATOM   1381  O5*   A A  66       6.075 -20.609  95.185  0.00nan0x7fffffff
ATOM   1382  C5*   A A  66       7.513 -20.796  95.195  0.00nan0x7fffffff
ATOM   1383  C4*   A A  66       7.777 -22.238  95.559  0.00nan0x7fffffff
ATOM   1384  C3*   A A  66       7.329 -23.279  94.548  0.00nan0x7fffffff
ATOM   1385  O4*   A A  66       7.029 -22.557  96.755  0.00nan0x7fffffff
ATOM   1386  O2*   A A  66       8.423 -25.097  95.612  0.00nan0x7fffffff
ATOM   1387  C2*   A A  66       7.142 -24.513  95.428  0.00nan0x7fffffff
ATOM   1388  C1*   A A  66       6.622 -23.905  96.722  0.00nan0x7fffffff
ATOM   1389  N9    A A  66       5.154 -24.052  96.766  0.00nan0x7fffffff
ATOM   1390  C8    A A  66       4.203 -23.065  96.752  0.00nan0x7fffffff
ATOM   1391  N7    A A  66       2.975 -23.510  96.838  0.00nan0x7fffffff
ATOM   1392  C5    A A  66       3.130 -24.890  96.930  0.00nan0x7fffffff
ATOM   1393  N6    A A  66       0.869 -25.745  97.090  0.00nan0x7fffffff
ATOM   1394  C6    A A  66       2.181 -25.934  97.047  0.00nan0x7fffffff
ATOM   1395  N1    A A  66       2.710 -27.192  97.114  0.00nan0x7fffffff
ATOM   1396  C2    A A  66       4.053 -27.407  97.070  0.00nan0x7fffffff
ATOM   1397  N3    A A  66       4.995 -26.473  96.954  0.00nan0x7fffffff
ATOM   1398  C4    A A  66       4.464 -25.235  96.897  0.00nan0x7fffffff
ATOM   1399  O3*   A A  66       8.286 -23.489  93.505  0.00nan0x7fffffff
ATOM   1400  P     U A  67       7.819 -23.872  92.019  0.00nan0x7fffffff
ATOM   1401  O1P   U A  67       8.749 -23.104  91.151  0.00nan0x7fffffff
ATOM   1402  O2P   U A  67       6.387 -23.496  91.788  0.00nan0x7fffffff
ATOM   1403  O5*   U A  67       8.018 -25.456  91.958  0.00nan0x7fffffff
ATOM   1404  C5*   U A  67       7.510 -26.228  90.843  0.00nan0x7fffffff
ATOM   1405  C4*   U A  67       7.330 -27.653  91.309  0.00nan0x7fffffff
ATOM   1406  C3*   U A  67       6.327 -28.485  90.526  0.00nan0x7fffffff
ATOM   1407  O4*   U A  67       6.809 -27.647  92.657  0.00nan0x7fffffff
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ATOM   1408  O2*   U A  67       6.939 -30.544  91.537  0.00nan0x7fffffff
ATOM   1409  C2*   U A  67       5.930 -29.544  91.551  0.00nan0x7fffffff
ATOM   1410  C1*   U A  67       5.958 -28.753  92.852  0.00nan0x7fffffff
ATOM   1411  N1    U A  67       4.577 -28.335  93.179  0.00nan0x7fffffff
ATOM   1412  C6    U A  67       4.235 -27.026  93.354  0.00nan0x7fffffff
ATOM   1413  C5    U A  67       2.985 -26.642  93.653  0.00nan0x7fffffff
ATOM   1414  O4    U A  67       0.784 -27.422  94.071  0.00nan0x7fffffff
ATOM   1415  C4    U A  67       1.996 -27.658  93.792  0.00nan0x7fffffff
ATOM   1416  N3    U A  67       2.353 -28.963  93.618  0.00nan0x7fffffff
ATOM   1417  O2    U A  67       3.935 -30.517  93.161  0.00nan0x7fffffff
ATOM   1418  C2    U A  67       3.631 -29.337  93.317  0.00nan0x7fffffff
ATOM   1419  O3*   U A  67       6.864 -29.053  89.328  0.00nan0x7fffffff
ATOM   1420  P     G A  68       5.990 -29.142  87.977  0.00nan0x7fffffff
ATOM   1421  O1P   G A  68       7.020 -29.114  86.905  0.00nan0x7fffffff
ATOM   1422  O2P   G A  68       5.046 -27.982  87.880  0.00nan0x7fffffff
ATOM   1423  O5*   G A  68       5.208 -30.521  88.110  0.00nan0x7fffffff
ATOM   1424  C5*   G A  68       5.934 -31.778  88.084  0.00nan0x7fffffff
ATOM   1425  C4*   G A  68       4.950 -32.857  88.467  0.00nan0x7fffffff
ATOM   1426  C3*   G A  68       3.663 -32.907  87.661  0.00nan0x7fffffff
ATOM   1427  O4*   G A  68       4.509 -32.626  89.825  0.00nan0x7fffffff
ATOM   1428  O2*   G A  68       2.958 -34.996  88.542  0.00nan0x7fffffff
ATOM   1429  C2*   G A  68       2.712 -33.601  88.634  0.00nan0x7fffffff
ATOM   1430  C1*   G A  68       3.174 -33.047  89.975  0.00nan0x7fffffff
ATOM   1431  N9    G A  68       2.274 -31.936  90.349  0.00nan0x7fffffff
ATOM   1432  C8    G A  68       2.574 -30.603  90.454  0.00nan0x7fffffff
ATOM   1433  N7    G A  68       1.556 -29.859  90.803  0.00nan0x7fffffff
ATOM   1434  C5    G A  68       0.509 -30.768  90.935  0.00nan0x7fffffff
ATOM   1435  O6    G A  68      -1.421 -29.528  91.574  0.00nan0x7fffffff
ATOM   1436  C6    G A  68      -0.854 -30.585  91.287  0.00nan0x7fffffff
ATOM   1437  N1    G A  68      -1.590 -31.742  91.315  0.00nan0x7fffffff
ATOM   1438  N2    G A  68      -1.909 -33.986  91.089  0.00nan0x7fffffff
ATOM   1439  C2    G A  68      -1.054 -32.958  91.020  0.00nan0x7fffffff
ATOM   1440  N3    G A  68       0.215 -33.184  90.680  0.00nan0x7fffffff
ATOM   1441  C4    G A  68       0.938 -32.047  90.657  0.00nan0x7fffffff
ATOM   1442  O3*   G A  68       3.787 -33.606  86.420  0.00nan0x7fffffff
ATOM   1443  P     A A  69       3.012 -33.094  85.103  0.00nan0x7fffffff
ATOM   1444  O1P   A A  69       3.761 -33.742  83.994  0.00nan0x7fffffff
ATOM   1445  O2P   A A  69       3.054 -31.598  85.012  0.00nan0x7fffffff
ATOM   1446  O5*   A A  69       1.525 -33.625  85.298  0.00nan0x7fffffff
ATOM   1447  C5*   A A  69       1.261 -35.052  85.279  0.00nan0x7fffffff
ATOM   1448  C4*   A A  69      -0.191 -35.234  85.646  0.00nan0x7fffffff
ATOM   1449  C3*   A A  69      -1.199 -34.445  84.827  0.00nan0x7fffffff
ATOM   1450  O4*   A A  69      -0.396 -34.773  87.001  0.00nan0x7fffffff
ATOM   1451  O2*   A A  69      -3.094 -35.590  85.684  0.00nan0x7fffffff
ATOM   1452  C2*   A A  69      -2.385 -34.364  85.785  0.00nan0x7fffffff
ATOM   1453  C1*   A A  69      -1.692 -34.239  87.136  0.00nan0x7fffffff
ATOM   1454  N9    A A  69      -1.683 -32.814  87.524  0.00nan0x7fffffff
ATOM   1455  C8    A A  69      -0.609 -31.968  87.619  0.00nan0x7fffffff
ATOM   1456  N7    A A  69      -0.924 -30.753  87.997  0.00nan0x7fffffff
ATOM   1457  C5    A A  69      -2.304 -30.807  88.164  0.00nan0x7fffffff
ATOM   1458  N6    A A  69      -2.918 -28.571  88.865  0.00nan0x7fffffff
ATOM   1459  C6    A A  69      -3.239 -29.821  88.561  0.00nan0x7fffffff
ATOM   1460  N1    A A  69      -4.538 -30.243  88.615  0.00nan0x7fffffff
ATOM   1461  C2    A A  69      -4.889 -31.521  88.307  0.00nan0x7fffffff
ATOM   1462  N3    A A  69      -4.061 -32.494  87.928  0.00nan0x7fffffff
ATOM   1463  C4    A A  69      -2.783 -32.068  87.878  0.00nan0x7fffffff
ATOM   1464  O3*   A A  69      -1.538 -35.066  83.584  0.00nan0x7fffffff
ATOM   1465  P     A A  70      -1.806 -34.181  82.266  0.00nan0x7fffffff
ATOM   1466  O1P   A A  70      -1.424 -35.096  81.158  0.00nan0x7fffffff
ATOM   1467  O2P   A A  70      -0.973 -32.936  82.282  0.00nan0x7fffffff
ATOM   1468  O5*   A A  70      -3.361 -33.843  82.339  0.00nan0x7fffffff
ATOM   1469  C5*   A A  70      -4.330 -34.908  82.517  0.00nan0x7fffffff
ATOM   1470  C4*   A A  70      -5.644 -34.254  82.870  0.00nan0x7fffffff
ATOM   1471  C3*   A A  70      -6.040 -33.046  82.038  0.00nan0x7fffffff
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ATOM   1472  O4*   A A  70      -5.567 -33.745  84.221  0.00nan0x7fffffff
ATOM   1473  O2*   A A  70      -8.256 -32.935  82.882  0.00nan0x7fffffff
ATOM   1474  C2*   A A  70      -6.985 -32.310  82.985  0.00nan0x7fffffff
ATOM   1475  C1*   A A  70      -6.347 -32.579  84.341  0.00nan0x7fffffff
ATOM   1476  N9    A A  70      -5.545 -31.399  84.723  0.00nan0x7fffffff
ATOM   1477  C8    A A  70      -4.182 -31.292  84.810  0.00nan0x7fffffff
ATOM   1478  N7    A A  70      -3.766 -30.108  85.186  0.00nan0x7fffffff
ATOM   1479  C5    A A  70      -4.942 -29.386  85.363  0.00nan0x7fffffff
ATOM   1480  N6    A A  70      -4.205 -27.187  86.061  0.00nan0x7fffffff
ATOM   1481  C6    A A  70      -5.168 -28.048  85.763  0.00nan0x7fffffff
ATOM   1482  N1    A A  70      -6.483 -27.677  85.828  0.00nan0x7fffffff
ATOM   1483  C2    A A  70      -7.487 -28.545  85.526  0.00nan0x7fffffff
ATOM   1484  N3    A A  70      -7.342 -29.812  85.145  0.00nan0x7fffffff
ATOM   1485  C4    A A  70      -6.043 -30.168  85.084  0.00nan0x7fffffff
ATOM   1486  O3*   A A  70      -6.662 -33.387  80.796  0.00nan0x7fffffff
ATOM   1487  P     G A  71      -6.390 -32.521  79.468  0.00nan0x7fffffff
ATOM   1488  O1P   G A  71      -6.544 -33.515  78.373  0.00nan0x7fffffff
ATOM   1489  O2P   G A  71      -5.019 -31.918  79.495  0.00nan0x7fffffff
ATOM   1490  O5*   G A  71      -7.521 -31.397  79.504  0.00nan0x7fffffff
ATOM   1491  C5*   G A  71      -8.906 -31.763  79.731  0.00nan0x7fffffff
ATOM   1492  C4*   G A  71      -9.648 -30.493  80.072  0.00nan0x7fffffff
ATOM   1493  C3*   G A  71      -9.311 -29.272  79.232  0.00nan0x7fffffff
ATOM   1494  O4*   G A  71      -9.307 -30.100  81.422  0.00nan0x7fffffff
ATOM   1495  O2*   G A  71     -11.103 -27.953  80.062  0.00nan0x7fffffff
ATOM   1496  C2*   G A  71      -9.698 -28.130  80.170  0.00nan0x7fffffff
ATOM   1497  C1*   G A  71      -9.317 -28.696  81.531  0.00nan0x7fffffff
ATOM   1498  N9    G A  71      -7.997 -28.152  81.911  0.00nan0x7fffffff
ATOM   1499  C8    G A  71      -6.801 -28.817  81.994  0.00nan0x7fffffff
ATOM   1500  N7    G A  71      -5.802 -28.059  82.370  0.00nan0x7fffffff
ATOM   1501  C5    G A  71      -6.383 -26.807  82.551  0.00nan0x7fffffff
ATOM   1502  O6    G A  71      -4.654 -25.323  83.243  0.00nan0x7fffffff
ATOM   1503  C6    G A  71      -5.828 -25.564  82.954  0.00nan0x7fffffff
ATOM   1504  N1    G A  71      -6.734 -24.536  83.018  0.00nan0x7fffffff
ATOM   1505  N2    G A  71      -8.801 -23.597  82.832  0.00nan0x7fffffff
ATOM   1506  C2    G A  71      -8.052 -24.701  82.719  0.00nan0x7fffffff
ATOM   1507  N3    G A  71      -8.623 -25.843  82.337  0.00nan0x7fffffff
ATOM   1508  C4    G A  71      -7.732 -26.852  82.274  0.00nan0x7fffffff
ATOM   1509  O3*   G A  71     -10.015 -29.224  77.988  0.00nan0x7fffffff
ATOM   1510  P     A A  72      -9.309 -28.657  76.658  0.00nan0x7fffffff
ATOM   1511  O1P   A A  72      -9.965 -29.426  75.568  0.00nan0x7fffffff
ATOM   1512  O2P   A A  72      -7.829 -28.885  76.700  0.00nan0x7fffffff
ATOM   1513  O5*   A A  72      -9.659 -27.101  76.673  0.00nan0x7fffffff
ATOM   1514  C5*   A A  72     -11.021 -26.660  76.909  0.00nan0x7fffffff
ATOM   1515  C4*   A A  72     -10.958 -25.191  77.253  0.00nan0x7fffffff
ATOM   1516  C3*   A A  72     -10.013 -24.347  76.416  0.00nan0x7fffffff
ATOM   1517  O4*   A A  72     -10.462 -25.048  78.603  0.00nan0x7fffffff
ATOM   1518  O2*   A A  72     -10.806 -22.269  77.247  0.00nan0x7fffffff
ATOM   1519  C2*   A A  72      -9.721 -23.179  77.356  0.00nan0x7fffffff
ATOM   1520  C1*   A A  72      -9.710 -23.863  78.716  0.00nan0x7fffffff
ATOM   1521  N9    A A  72      -8.306 -24.121  79.098  0.00nan0x7fffffff
ATOM   1522  C8    A A  72      -7.659 -25.326  79.180  0.00nan0x7fffffff
ATOM   1523  N7    A A  72      -6.408 -25.230  79.557  0.00nan0x7fffffff
ATOM   1524  C5    A A  72      -6.222 -23.863  79.738  0.00nan0x7fffffff
ATOM   1525  N6    A A  72      -3.912 -23.654  80.437  0.00nan0x7fffffff
ATOM   1526  C6    A A  72      -5.088 -23.118  80.141  0.00nan0x7fffffff
ATOM   1527  N1    A A  72      -5.279 -21.766  80.210  0.00nan0x7fffffff
ATOM   1528  C2    A A  72      -6.477 -21.196  79.910  0.00nan0x7fffffff
ATOM   1529  N3    A A  72      -7.579 -21.838  79.526  0.00nan0x7fffffff
ATOM   1530  C4    A A  72      -7.381 -23.170  79.461  0.00nan0x7fffffff
ATOM   1531  O3*   A A  72     -10.576 -23.923  75.171  0.00nan0x7fffffff
ATOM   1532  P     A A  73      -9.672 -23.827  73.843  0.00nan0x7fffffff
ATOM   1533  O1P   A A  73     -10.636 -24.118  72.750  0.00nan0x7fffffff
ATOM   1534  O2P   A A  73      -8.551 -24.820  73.888  0.00nan0x7fffffff
ATOM   1535  O5*   A A  73      -9.124 -22.329  73.861  0.00nan0x7fffffff
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ATOM   1536  C5*   A A  73     -10.029 -21.223  74.107  0.00nan0x7fffffff
ATOM   1537  C4*   A A  73      -9.179 -20.023  74.450  0.00nan0x7fffffff
ATOM   1538  C3*   A A  73      -7.928 -19.825  73.611  0.00nan0x7fffffff
ATOM   1539  O4*   A A  73      -8.682 -20.172  75.799  0.00nan0x7fffffff
ATOM   1540  O2*   A A  73      -7.468 -17.649  74.443  0.00nan0x7fffffff
ATOM   1541  C2*   A A  73      -7.049 -19.002  74.550  0.00nan0x7fffffff
ATOM   1542  C1*   A A  73      -7.408 -19.583  75.911  0.00nan0x7fffffff
ATOM   1543  N9    A A  73      -6.367 -20.560  76.291  0.00nan0x7fffffff
ATOM   1544  C8    A A  73      -6.474 -21.924  76.373  0.00nan0x7fffffff
ATOM   1545  N7    A A  73      -5.370 -22.520  76.749  0.00nan0x7fffffff
ATOM   1546  C5    A A  73      -4.474 -21.471  76.932  0.00nan0x7fffffff
ATOM   1547  N6    A A  73      -2.418 -22.545  77.631  0.00nan0x7fffffff
ATOM   1548  C6    A A  73      -3.118 -21.457  77.335  0.00nan0x7fffffff
ATOM   1549  N1    A A  73      -2.547 -20.217  77.405  0.00nan0x7fffffff
ATOM   1550  C2    A A  73      -3.247 -19.089  77.105  0.00nan0x7fffffff
ATOM   1551  N3    A A  73      -4.521 -19.034  76.722  0.00nan0x7fffffff
ATOM   1552  C4    A A  73      -5.075 -20.261  76.656  0.00nan0x7fffffff
ATOM   1553  O3*   A A  73      -8.174 -19.163  72.367  0.00nan0x7fffffff
ATOM   1554  P     G A  74      -7.364 -19.570  71.038  0.00nan0x7fffffff
ATOM   1555  O1P   G A  74      -8.336 -19.299  69.947  0.00nan0x7fffffff
ATOM   1556  O2P   G A  74      -6.952 -21.010  71.084  0.00nan0x7fffffff
ATOM   1557  O5*   G A  74      -6.097 -18.601  71.051  0.00nan0x7fffffff
ATOM   1558  C5*   G A  74      -6.265 -17.182  71.302  0.00nan0x7fffffff
ATOM   1559  C4*   G A  74      -4.902 -16.627  71.641  0.00nan0x7fffffff
ATOM   1560  C3*   G A  74      -3.743 -17.135  70.800  0.00nan0x7fffffff
ATOM   1561  O4*   G A  74      -4.560 -17.018  72.990  0.00nan0x7fffffff
ATOM   1562  O2*   G A  74      -2.183 -15.547  71.626  0.00nan0x7fffffff
ATOM   1563  C2*   G A  74      -2.557 -16.912  71.736  0.00nan0x7fffffff
ATOM   1564  C1*   G A  74      -3.169 -17.208  73.098  0.00nan0x7fffffff
ATOM   1565  N9    G A  74      -2.817 -18.591  73.479  0.00nan0x7fffffff
ATOM   1566  C8    G A  74      -3.644 -19.681  73.561  0.00nan0x7fffffff
ATOM   1567  N7    G A  74      -3.036 -20.778  73.936  0.00nan0x7fffffff
ATOM   1568  C5    G A  74      -1.713 -20.379  74.118  0.00nan0x7fffffff
ATOM   1569  O6    G A  74      -0.489 -22.301  74.810  0.00nan0x7fffffff
ATOM   1570  C6    G A  74      -0.562 -21.104  74.521  0.00nan0x7fffffff
ATOM   1571  N1    G A  74       0.584 -20.353  74.586  0.00nan0x7fffffff
ATOM   1572  N2    G A  74       1.805 -18.440  74.401  0.00nan0x7fffffff
ATOM   1573  C2    G A  74       0.607 -19.025  74.288  0.00nan0x7fffffff
ATOM   1574  N3    G A  74      -0.443 -18.298  73.905  0.00nan0x7fffffff
ATOM   1575  C4    G A  74      -1.568 -19.037  73.842  0.00nan0x7fffffff
ATOM   1576  O3*   G A  74      -3.598 -16.447  69.555  0.00nan0x7fffffff
ATOM   1577  P     A A  75      -3.137 -17.228  68.226  0.00nan0x7fffffff
ATOM   1578  O1P   A A  75      -3.809 -16.475  67.134  0.00nan0x7fffffff
ATOM   1579  O2P   A A  75      -3.570 -18.662  68.273  0.00nan0x7fffffff
ATOM   1580  O5*   A A  75      -1.548 -17.099  68.237  0.00nan0x7fffffff
ATOM   1581  C5*   A A  75      -0.921 -15.814  68.479  0.00nan0x7fffffff
ATOM   1582  C4*   A A  75       0.525 -16.083  68.821  0.00nan0x7fffffff
ATOM   1583  C3*   A A  75       1.227 -17.139  67.984  0.00nan0x7fffffff
ATOM   1584  O4*   A A  75       0.599 -16.593  70.172  0.00nan0x7fffffff
ATOM   1585  O2*   A A  75       3.397 -16.645  68.812  0.00nan0x7fffffff
ATOM   1586  C2*   A A  75       2.344 -17.591  68.922  0.00nan0x7fffffff
ATOM   1587  C1*   A A  75       1.667 -17.505  70.284  0.00nan0x7fffffff
ATOM   1588  N9    A A  75       1.214 -18.858  70.666  0.00nan0x7fffffff
ATOM   1589  C8    A A  75      -0.070 -19.330  70.749  0.00nan0x7fffffff
ATOM   1590  N7    A A  75      -0.150 -20.582  71.126  0.00nan0x7fffffff
ATOM   1591  C5    A A  75       1.177 -20.958  71.307  0.00nan0x7fffffff
ATOM   1592  N6    A A  75       1.060 -23.274  72.007  0.00nan0x7fffffff
ATOM   1593  C6    A A  75       1.756 -22.185  71.710  0.00nan0x7fffffff
ATOM   1594  N1    A A  75       3.121 -22.186  71.779  0.00nan0x7fffffff
ATOM   1595  C2    A A  75       3.853 -21.079  71.479  0.00nan0x7fffffff
ATOM   1596  N3    A A  75       3.372 -19.899  71.095  0.00nan0x7fffffff
ATOM   1597  C4    A A  75       2.026 -19.907  71.030  0.00nan0x7fffffff
ATOM   1598  O3*   A A  75       1.724 -16.642  66.738  0.00nan0x7fffffff
ATOM   1599  P     U A  76       1.691 -17.553  65.411  0.00nan0x7fffffff
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ATOM   1600  O1P   U A  76       1.531 -16.560  64.317  0.00nan0x7fffffff
ATOM   1601  O2P   U A  76       0.554 -18.528  65.462  0.00nan0x7fffffff
ATOM   1602  O5*   U A  76       3.100 -18.300  65.426  0.00nan0x7fffffff
ATOM   1603  C5*   U A  76       4.321 -17.551  65.652  0.00nan0x7fffffff
ATOM   1604  C4*   U A  76       5.397 -18.551  66.000  0.00nan0x7fffffff
ATOM   1605  C3*   U A  76       5.427 -19.822  65.169  0.00nan0x7fffffff
ATOM   1606  O4*   U A  76       5.185 -19.015  67.352  0.00nan0x7fffffff
ATOM   1607  O2*   U A  76       7.523 -20.562  66.003  0.00nan0x7fffffff
ATOM   1608  C2*   U A  76       6.127 -20.797  66.113  0.00nan0x7fffffff
ATOM   1609  C1*   U A  76       5.599 -20.355  67.471  0.00nan0x7fffffff
ATOM   1610  N1    U A  76       4.489 -21.256  67.854  0.00nan0x7fffffff
ATOM   1611  C6    U A  76       3.191 -20.841  67.899  0.00nan0x7fffffff
ATOM   1612  C5    U A  76       2.186 -21.657  68.251  0.00nan0x7fffffff
ATOM   1613  O4    U A  76       1.654 -23.865  68.936  0.00nan0x7fffffff
ATOM   1614  C4    U A  76       2.512 -23.002  68.589  0.00nan0x7fffffff
ATOM   1615  N3    U A  76       3.815 -23.403  68.542  0.00nan0x7fffffff
ATOM   1616  O2    U A  76       5.994 -22.938  68.145  0.00nan0x7fffffff
ATOM   1617  C2    U A  76       4.826 -22.559  68.181  0.00nan0x7fffffff
ATOM   1618  O3*   U A  76       6.114 -19.674  63.923  0.00nan0x7fffffff
ATOM   1619  P     U A  77       5.598 -20.431  62.599  0.00nan0x7fffffff
ATOM   1620  O1P   U A  77       6.003 -19.514  61.501  0.00nan0x7fffffff
ATOM   1621  O2P   U A  77       4.115 -20.637  62.646  0.00nan0x7fffffff
ATOM   1622  O5*   U A  77       6.381 -21.820  62.622  0.00nan0x7fffffff
ATOM   1623  C5*   U A  77       7.813 -21.846  62.851  0.00nan0x7fffffff
ATOM   1624  C4*   U A  77       8.181 -23.270  63.195  0.00nan0x7fffffff
ATOM   1625  C3*   U A  77       7.523 -24.354  62.360  0.00nan0x7fffffff
ATOM   1626  O4*   U A  77       7.750 -23.550  64.547  0.00nan0x7fffffff
ATOM   1627  O2*   U A  77       8.889 -26.109  63.191  0.00nan0x7fffffff
ATOM   1628  C2*   U A  77       7.586 -25.556  63.301  0.00nan0x7fffffff
ATOM   1629  C1*   U A  77       7.378 -24.903  64.661  0.00nan0x7fffffff
ATOM   1630  N1    U A  77       5.957 -25.066  65.042  0.00nan0x7fffffff
ATOM   1631  C6    U A  77       5.086 -24.018  65.088  0.00nan0x7fffffff
ATOM   1632  C5    U A  77       3.800 -24.165  65.439  0.00nan0x7fffffff
ATOM   1633  O4    U A  77       2.164 -25.741  66.122  0.00nan0x7fffffff
ATOM   1634  C4    U A  77       3.351 -25.475  65.776  0.00nan0x7fffffff
ATOM   1635  N3    U A  77       4.234 -26.514  65.728  0.00nan0x7fffffff
ATOM   1636  O2    U A  77       6.321 -27.294  65.331  0.00nan0x7fffffff
ATOM   1637  C2    U A  77       5.541 -26.346  65.368  0.00nan0x7fffffff
ATOM   1638  O3*   U A  77       8.182 -24.596  61.115  0.00nan0x7fffffff
ATOM   1639  P     A A  78       7.344 -24.951  59.788  0.00nan0x7fffffff
ATOM   1640  O1P   A A  78       8.187 -24.405  58.693  0.00nan0x7fffffff
ATOM   1641  O2P   A A  78       5.988 -24.316  59.828  0.00nan0x7fffffff
ATOM   1642  O5*   A A  78       7.242 -26.542  59.813  0.00nan0x7fffffff
ATOM   1643  C5*   A A  78       8.425 -27.346  60.056  0.00nan0x7fffffff
ATOM   1644  C4*   A A  78       7.953 -28.739  60.395  0.00nan0x7fffffff
ATOM   1645  C3*   A A  78       6.812 -29.285  59.554  0.00nan0x7fffffff
ATOM   1646  O4*   A A  78       7.432 -28.741  61.744  0.00nan0x7fffffff
ATOM   1647  O2*   A A  78       6.990 -31.503  60.381  0.00nan0x7fffffff
ATOM   1648  C2*   A A  78       6.202 -30.326  60.489  0.00nan0x7fffffff
ATOM   1649  C1*   A A  78       6.378 -29.669  61.852  0.00nan0x7fffffff
ATOM   1650  N9    A A  78       5.101 -29.031  62.232  0.00nan0x7fffffff
ATOM   1651  C8    A A  78       4.814 -27.693  62.315  0.00nan0x7fffffff
ATOM   1652  N7    A A  78       3.586 -27.438  62.692  0.00nan0x7fffffff
ATOM   1653  C5    A A  78       3.028 -28.699  62.874  0.00nan0x7fffffff
ATOM   1654  N6    A A  78       0.751 -28.259  63.574  0.00nan0x7fffffff
ATOM   1655  C6    A A  78       1.731 -29.101  63.277  0.00nan0x7fffffff
ATOM   1656  N1    A A  78       1.539 -30.452  63.346  0.00nan0x7fffffff
ATOM   1657  C2    A A  78       2.533 -31.333  63.046  0.00nan0x7fffffff
ATOM   1658  N3    A A  78       3.769 -31.021  62.662  0.00nan0x7fffffff
ATOM   1659  C4    A A  78       3.949 -29.687  62.597  0.00nan0x7fffffff
ATOM   1660  O3*   A A  78       7.239 -29.847  58.310  0.00nan0x7fffffff
ATOM   1661  P     U A  79       6.350 -29.685  56.978  0.00nan0x7fffffff
ATOM   1662  O1P   U A  79       7.361 -29.677  55.889  0.00nan0x7fffffff
ATOM   1663  O2P   U A  79       5.552 -28.418  57.019  0.00nan0x7fffffff
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ATOM   1664  O5*   U A  79       5.403 -30.969  56.992  0.00nan0x7fffffff
ATOM   1665  C5*   U A  79       5.966 -32.291  57.194  0.00nan0x7fffffff
ATOM   1666  C4*   U A  79       4.822 -33.209  57.554  0.00nan0x7fffffff
ATOM   1667  C3*   U A  79       3.554 -33.056  56.731  0.00nan0x7fffffff
ATOM   1668  O4*   U A  79       4.404 -32.925  58.908  0.00nan0x7fffffff
ATOM   1669  O2*   U A  79       2.521 -35.017  57.582  0.00nan0x7fffffff
ATOM   1670  C2*   U A  79       2.494 -33.601  57.685  0.00nan0x7fffffff
ATOM   1671  C1*   U A  79       3.018 -33.137  59.037  0.00nan0x7fffffff
ATOM   1672  N1    U A  79       2.294 -31.904  59.418  0.00nan0x7fffffff
ATOM   1673  C6    U A  79       2.899 -30.682  59.459  0.00nan0x7fffffff
ATOM   1674  C5    U A  79       2.243 -29.566  59.810  0.00nan0x7fffffff
ATOM   1675  O4    U A  79       0.141 -28.708  60.497  0.00nan0x7fffffff
ATOM   1676  C4    U A  79       0.865 -29.686  60.151  0.00nan0x7fffffff
ATOM   1677  N3    U A  79       0.274 -30.914  60.108  0.00nan0x7fffffff
ATOM   1678  O2    U A  79       0.406 -33.140  59.716  0.00nan0x7fffffff
ATOM   1679  C2    U A  79       0.956 -32.041  59.749  0.00nan0x7fffffff
ATOM   1680  O3*   U A  79       3.591 -33.763  55.488  0.00nan0x7fffffff
ATOM   1681  P     C A  80       2.913 -33.147  54.164  0.00nan0x7fffffff
ATOM   1682  O1P   C A  80       3.762 -33.679  53.066  0.00nan0x7fffffff
ATOM   1683  O2P   C A  80       2.919 -31.649  54.209  0.00nan0x7fffffff
ATOM   1684  O5*   C A  80       1.427 -33.725  54.191  0.00nan0x7fffffff
ATOM   1685  C5*   C A  80       1.198 -35.140  54.411  0.00nan0x7fffffff
ATOM   1686  C4*   C A  80      -0.262 -35.304  54.756  0.00nan0x7fffffff
ATOM   1687  C3*   C A  80      -1.244 -34.498  53.923  0.00nan0x7fffffff
ATOM   1688  O4*   C A  80      -0.479 -34.841  56.108  0.00nan0x7fffffff
ATOM   1689  O2*   C A  80      -3.173 -35.605  54.753  0.00nan0x7fffffff
ATOM   1690  C2*   C A  80      -2.442 -34.393  54.864  0.00nan0x7fffffff
ATOM   1691  C1*   C A  80      -1.766 -34.281  56.224  0.00nan0x7fffffff
ATOM   1692  N1    C A  80      -1.725 -32.852  56.607  0.00nan0x7fffffff
ATOM   1693  C6    C A  80      -0.564 -32.139  56.653  0.00nan0x7fffffff
ATOM   1694  C5    C A  80      -0.527 -30.844  57.006  0.00nan0x7fffffff
ATOM   1695  N4    C A  80      -1.813 -28.938  57.705  0.00nan0x7fffffff
ATOM   1696  C4    C A  80      -1.760 -30.223  57.343  0.00nan0x7fffffff
ATOM   1697  N3    C A  80      -2.915 -30.942  57.298  0.00nan0x7fffffff
ATOM   1698  O2    C A  80      -3.983 -32.899  56.898  0.00nan0x7fffffff
ATOM   1699  C2    C A  80      -2.934 -32.259  56.936  0.00nan0x7fffffff
ATOM   1700  O3*   C A  80      -1.577 -35.114  52.676  0.00nan0x7fffffff
ATOM   1701  P     G A  81      -1.810 -34.229  51.351  0.00nan0x7fffffff
ATOM   1702  O1P   G A  81      -1.396 -35.141  50.253  0.00nan0x7fffffff
ATOM   1703  O2P   G A  81      -0.983 -32.981  51.392  0.00nan0x7fffffff
ATOM   1704  O5*   G A  81      -3.369 -33.897  51.382  0.00nan0x7fffffff
ATOM   1705  C5*   G A  81      -4.336 -34.952  51.620  0.00nan0x7fffffff
ATOM   1706  C4*   G A  81      -5.645 -34.283  51.965  0.00nan0x7fffffff
ATOM   1707  C3*   G A  81      -6.022 -33.073  51.127  0.00nan0x7fffffff
ATOM   1708  O4*   G A  81      -5.568 -33.771  53.315  0.00nan0x7fffffff
ATOM   1709  O2*   G A  81      -8.241 -32.931  51.960  0.00nan0x7fffffff
ATOM   1710  C2*   G A  81      -6.962 -32.322  52.067  0.00nan0x7fffffff
ATOM   1711  C1*   G A  81      -6.334 -32.595  53.427  0.00nan0x7fffffff
ATOM   1712  N9    G A  81      -5.517 -31.424  53.808  0.00nan0x7fffffff
ATOM   1713  C8    G A  81      -4.152 -31.336  53.889  0.00nan0x7fffffff
ATOM   1714  N7    G A  81      -3.721 -30.159  54.265  0.00nan0x7fffffff
ATOM   1715  C5    G A  81      -4.887 -29.420  54.448  0.00nan0x7fffffff
ATOM   1716  O6    G A  81      -4.234 -27.237  55.140  0.00nan0x7fffffff
ATOM   1717  C6    G A  81      -5.091 -28.075  54.852  0.00nan0x7fffffff
ATOM   1718  N1    G A  81      -6.410 -27.700  54.919  0.00nan0x7fffffff
ATOM   1719  N2    G A  81      -8.656 -28.028  54.736  0.00nan0x7fffffff
ATOM   1720  C2    G A  81      -7.428 -28.551  54.621  0.00nan0x7fffffff
ATOM   1721  N3    G A  81      -7.292 -29.820  54.237  0.00nan0x7fffffff
ATOM   1722  C4    G A  81      -5.997 -30.188  54.172  0.00nan0x7fffffff
ATOM   1723  O3*   G A  81      -6.642 -33.411  49.883  0.00nan0x7fffffff
ATOM   1724  P     G A  82      -6.357 -32.548  48.555  0.00nan0x7fffffff
ATOM   1725  O1P   G A  82      -6.488 -33.547  47.463  0.00nan0x7fffffff
ATOM   1726  O2P   G A  82      -4.991 -31.935  48.600  0.00nan0x7fffffff
ATOM   1727  O5*   G A  82      -7.497 -31.433  48.572  0.00nan0x7fffffff
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ATOM   1728  C5*   G A  82      -8.878 -31.803  48.817  0.00nan0x7fffffff
ATOM   1729  C4*   G A  82      -9.623 -30.535  49.159  0.00nan0x7fffffff
ATOM   1730  C3*   G A  82      -9.290 -29.313  48.321  0.00nan0x7fffffff
ATOM   1731  O4*   G A  82      -9.284 -30.144  50.509  0.00nan0x7fffffff
ATOM   1732  O2*   G A  82     -11.085 -28.001  49.152  0.00nan0x7fffffff
ATOM   1733  C2*   G A  82      -9.680 -28.174  49.259  0.00nan0x7fffffff
ATOM   1734  C1*   G A  82      -9.297 -28.740  50.620  0.00nan0x7fffffff
ATOM   1735  N9    G A  82      -7.979 -28.192  51.000  0.00nan0x7fffffff
ATOM   1736  C8    G A  82      -6.781 -28.852  51.083  0.00nan0x7fffffff
ATOM   1737  N7    G A  82      -5.784 -28.092  51.458  0.00nan0x7fffffff
ATOM   1738  C5    G A  82      -6.370 -26.841  51.641  0.00nan0x7fffffff
ATOM   1739  O6    G A  82      -4.645 -25.353  52.333  0.00nan0x7fffffff
ATOM   1740  C6    G A  82      -5.819 -25.597  52.044  0.00nan0x7fffffff
ATOM   1741  N1    G A  82      -6.728 -24.572  52.109  0.00nan0x7fffffff
ATOM   1742  N2    G A  82      -8.798 -23.640  51.925  0.00nan0x7fffffff
ATOM   1743  C2    G A  82      -8.045 -24.742  51.811  0.00nan0x7fffffff
ATOM   1744  N3    G A  82      -8.613 -25.885  51.428  0.00nan0x7fffffff
ATOM   1745  C4    G A  82      -7.719 -26.891  51.364  0.00nan0x7fffffff
ATOM   1746  O3*   G A  82      -9.993 -29.266  47.076  0.00nan0x7fffffff
ATOM   1747  P     G A  83      -9.289 -28.695  45.747  0.00nan0x7fffffff
ATOM   1748  O1P   G A  83      -9.937 -29.469  44.656  0.00nan0x7fffffff
ATOM   1749  O2P   G A  83      -7.807 -28.913  45.793  0.00nan0x7fffffff
ATOM   1750  O5*   G A  83      -9.649 -27.142  45.760  0.00nan0x7fffffff
ATOM   1751  C5*   G A  83     -11.015 -26.710  45.989  0.00nan0x7fffffff
ATOM   1752  C4*   G A  83     -10.964 -25.242  46.338  0.00nan0x7fffffff
ATOM   1753  C3*   G A  83     -10.026 -24.386  45.504  0.00nan0x7fffffff
ATOM   1754  O4*   G A  83     -10.469 -25.100  47.689  0.00nan0x7fffffff
ATOM   1755  O2*   G A  83     -10.836 -22.318  46.343  0.00nan0x7fffffff
ATOM   1756  C2*   G A  83      -9.744 -23.220  46.447  0.00nan0x7fffffff
ATOM   1757  C1*   G A  83      -9.726 -23.909  47.805  0.00nan0x7fffffff
ATOM   1758  N9    G A  83      -8.320 -24.156  48.186  0.00nan0x7fffffff
ATOM   1759  C8    G A  83      -7.666 -25.358  48.268  0.00nan0x7fffffff
ATOM   1760  N7    G A  83      -6.417 -25.253  48.643  0.00nan0x7fffffff
ATOM   1761  C5    G A  83      -6.237 -23.884  48.825  0.00nan0x7fffffff
ATOM   1762  O6    G A  83      -3.981 -23.558  49.516  0.00nan0x7fffffff
ATOM   1763  C6    G A  83      -5.102 -23.132  49.228  0.00nan0x7fffffff
ATOM   1764  N1    G A  83      -5.317 -21.779  49.292  0.00nan0x7fffffff
ATOM   1765  N2    G A  83      -6.559 -19.879  49.107  0.00nan0x7fffffff
ATOM   1766  C2    G A  83      -6.518 -21.213  48.994  0.00nan0x7fffffff
ATOM   1767  N3    G A  83      -7.612 -21.871  48.612  0.00nan0x7fffffff
ATOM   1768  C4    G A  83      -7.400 -23.200  48.549  0.00nan0x7fffffff
ATOM   1769  O3*   G A  83     -10.594 -23.963  44.261  0.00nan0x7fffffff
ATOM   1770  P     G A  84      -9.693 -23.858  42.931  0.00nan0x7fffffff
ATOM   1771  O1P   G A  84     -10.659 -24.150  41.840  0.00nan0x7fffffff
ATOM   1772  O2P   G A  84      -8.567 -24.845  42.970  0.00nan0x7fffffff
ATOM   1773  O5*   G A  84      -9.154 -22.357  42.952  0.00nan0x7fffffff
ATOM   1774  C5*   G A  84     -10.066 -21.255  43.191  0.00nan0x7fffffff
ATOM   1775  C4*   G A  84      -9.223 -20.050  43.536  0.00nan0x7fffffff
ATOM   1776  C3*   G A  84      -7.974 -19.843  42.696  0.00nan0x7fffffff
ATOM   1777  O4*   G A  84      -8.724 -20.200  44.885  0.00nan0x7fffffff
ATOM   1778  O2*   G A  84      -7.524 -17.667  43.534  0.00nan0x7fffffff
ATOM   1779  C2*   G A  84      -7.098 -19.018  43.637  0.00nan0x7fffffff
ATOM   1780  C1*   G A  84      -7.453 -19.605  44.996  0.00nan0x7fffffff
ATOM   1781  N9    G A  84      -6.406 -20.577  45.374  0.00nan0x7fffffff
ATOM   1782  C8    G A  84      -6.511 -21.941  45.455  0.00nan0x7fffffff
ATOM   1783  N7    G A  84      -5.406 -22.534  45.831  0.00nan0x7fffffff
ATOM   1784  C5    G A  84      -4.510 -21.482  46.014  0.00nan0x7fffffff
ATOM   1785  O6    G A  84      -2.440 -22.435  46.705  0.00nan0x7fffffff
ATOM   1786  C6    G A  84      -3.150 -21.468  46.418  0.00nan0x7fffffff
ATOM   1787  N1    G A  84      -2.594 -20.215  46.485  0.00nan0x7fffffff
ATOM   1788  N2    G A  84      -2.605 -17.945  46.303  0.00nan0x7fffffff
ATOM   1789  C2    G A  84      -3.295 -19.087  46.187  0.00nan0x7fffffff
ATOM   1790  N3    G A  84      -4.571 -19.045  45.805  0.00nan0x7fffffff
ATOM   1791  C4    G A  84      -5.115 -20.275  45.739  0.00nan0x7fffffff
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ATOM   1792  O3*   G A  84      -8.226 -19.178  41.455  0.00nan0x7fffffff
ATOM   1793  P     U A  85      -7.420 -19.577  40.121  0.00nan0x7fffffff
ATOM   1794  O1P   U A  85      -8.398 -19.303  39.035  0.00nan0x7fffffff
ATOM   1795  O2P   U A  85      -7.006 -21.017  40.158  0.00nan0x7fffffff
ATOM   1796  O5*   U A  85      -6.155 -18.607  40.132  0.00nan0x7fffffff
ATOM   1797  C5*   U A  85      -6.328 -17.180  40.328  0.00nan0x7fffffff
ATOM   1798  C4*   U A  85      -4.975 -16.615  40.691  0.00nan0x7fffffff
ATOM   1799  C3*   U A  85      -3.799 -17.113  39.868  0.00nan0x7fffffff
ATOM   1800  O4*   U A  85      -4.654 -17.008  42.044  0.00nan0x7fffffff
ATOM   1801  O2*   U A  85      -2.261 -15.520  40.724  0.00nan0x7fffffff
ATOM   1802  C2*   U A  85      -2.630 -16.887  40.824  0.00nan0x7fffffff
ATOM   1803  C1*   U A  85      -3.264 -17.190  42.175  0.00nan0x7fffffff
ATOM   1804  N1    U A  85      -2.913 -18.577  42.554  0.00nan0x7fffffff
ATOM   1805  C6    U A  85      -3.835 -19.581  42.594  0.00nan0x7fffffff
ATOM   1806  C5    U A  85      -3.517 -20.836  42.943  0.00nan0x7fffffff
ATOM   1807  O4    U A  85      -1.738 -22.248  43.630  0.00nan0x7fffffff
ATOM   1808  C4    U A  85      -2.161 -21.106  43.284  0.00nan0x7fffffff
ATOM   1809  N3    U A  85      -1.249 -20.092  43.243  0.00nan0x7fffffff
ATOM   1810  O2    U A  85      -0.754 -17.917  42.853  0.00nan0x7fffffff
ATOM   1811  C2    U A  85      -1.589 -18.819  42.885  0.00nan0x7fffffff
ATOM   1812  O3*   U A  85      -3.636 -16.420  38.627  0.00nan0x7fffffff
ATOM   1813  P     U A  86      -3.162 -17.195  37.298  0.00nan0x7fffffff
ATOM   1814  O1P   U A  86      -3.812 -16.426  36.204  0.00nan0x7fffffff
ATOM   1815  O2P   U A  86      -3.610 -18.625  37.326  0.00nan0x7fffffff
ATOM   1816  O5*   U A  86      -1.573 -17.081  37.333  0.00nan0x7fffffff
ATOM   1817  C5*   U A  86      -0.934 -15.788  37.487  0.00nan0x7fffffff
ATOM   1818  C4*   U A  86       0.506 -16.047  37.860  0.00nan0x7fffffff
ATOM   1819  C3*   U A  86       1.227 -17.110  37.049  0.00nan0x7fffffff
ATOM   1820  O4*   U A  86       0.554 -16.543  39.218  0.00nan0x7fffffff
ATOM   1821  O2*   U A  86       3.379 -16.600  37.915  0.00nan0x7fffffff
ATOM   1822  C2*   U A  86       2.326 -17.548  38.014  0.00nan0x7fffffff
ATOM   1823  C1*   U A  86       1.622 -17.450  39.361  0.00nan0x7fffffff
ATOM   1824  N1    U A  86       1.162 -18.803  39.743  0.00nan0x7fffffff
ATOM   1825  C6    U A  86      -0.158 -19.145  39.781  0.00nan0x7fffffff
ATOM   1826  C5    U A  86      -0.575 -20.371  40.131  0.00nan0x7fffffff
ATOM   1827  O4    U A  86       0.150 -22.522  40.821  0.00nan0x7fffffff
ATOM   1828  C4    U A  86       0.417 -21.334  40.475  0.00nan0x7fffffff
ATOM   1829  N3    U A  86       1.733 -20.979  40.435  0.00nan0x7fffffff
ATOM   1830  O2    U A  86       3.331 -19.423  40.045  0.00nan0x7fffffff
ATOM   1831  C2    U A  86       2.140 -19.726  40.076  0.00nan0x7fffffff
ATOM   1832  O3*   U A  86       1.747 -16.628  35.807  0.00nan0x7fffffff
ATOM   1833  P     U A  87       1.725 -17.547  34.485  0.00nan0x7fffffff
ATOM   1834  O1P   U A  87       1.714 -16.554  33.379  0.00nan0x7fffffff
ATOM   1835  O2P   U A  87       0.511 -18.424  34.467  0.00nan0x7fffffff
ATOM   1836  O5*   U A  87       3.063 -18.406  34.590  0.00nan0x7fffffff
ATOM   1837  C5*   U A  87       4.357 -17.753  34.518  0.00nan0x7fffffff
ATOM   1838  C4*   U A  87       5.384 -18.758  34.981  0.00nan0x7fffffff
ATOM   1839  C3*   U A  87       5.406 -20.086  34.245  0.00nan0x7fffffff
ATOM   1840  O4*   U A  87       5.101 -19.118  36.353  0.00nan0x7fffffff
ATOM   1841  O2*   U A  87       7.443 -20.821  35.219  0.00nan0x7fffffff
ATOM   1842  C2*   U A  87       6.037 -21.010  35.284  0.00nan0x7fffffff
ATOM   1843  C1*   U A  87       5.466 -20.458  36.584  0.00nan0x7fffffff
ATOM   1844  N1    U A  87       4.311 -21.297  36.974  0.00nan0x7fffffff
ATOM   1845  C6    U A  87       3.034 -20.821  36.997  0.00nan0x7fffffff
ATOM   1846  C5    U A  87       1.988 -21.583  37.349  0.00nan0x7fffffff
ATOM   1847  O4    U A  87       1.344 -23.753  38.059  0.00nan0x7fffffff
ATOM   1848  C4    U A  87       2.246 -22.937  37.709  0.00nan0x7fffffff
ATOM   1849  N3    U A  87       3.528 -23.400  37.681  0.00nan0x7fffffff
ATOM   1850  O2    U A  87       5.732 -23.046  37.300  0.00nan0x7fffffff
ATOM   1851  C2    U A  87       4.582 -22.611  37.319  0.00nan0x7fffffff
ATOM   1852  O3*   U A  87       6.144 -20.052  33.020  0.00nan0x7fffffff
ATOM   1853  P     C B 188      48.643 -17.102 161.533  0.00nan0x7fffffff
ATOM   1854  O1P   C B 188      48.501 -17.056 160.053  0.00nan0x7fffffff
ATOM   1855  O2P   C B 188      47.582 -16.300 162.224  0.00nan0x7fffffff
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ATOM   1856  O5*   C B 188      48.753 -18.569 162.141  0.00nan0x7fffffff
ATOM   1857  C5*   C B 188      49.634 -19.542 161.524  0.00nan0x7fffffff
ATOM   1858  C4*   C B 188      49.668 -20.745 162.435  0.00nan0x7fffffff
ATOM   1859  C3*   C B 188      48.326 -21.369 162.778  0.00nan0x7fffffff
ATOM   1860  O4*   C B 188      50.213 -20.350 163.715  0.00nan0x7fffffff
ATOM   1861  O2*   C B 188      49.257 -23.311 163.778  0.00nan0x7fffffff
ATOM   1862  C2*   C B 188      48.637 -22.074 164.097  0.00nan0x7fffffff
ATOM   1863  C1*   C B 188      49.625 -21.112 164.743  0.00nan0x7fffffff
ATOM   1864  N1    C B 188      48.891 -20.276 165.718  0.00nan0x7fffffff
ATOM   1865  C6    C B 188      48.662 -18.947 165.518  0.00nan0x7fffffff
ATOM   1866  C5    C B 188      48.001 -18.188 166.406  0.00nan0x7fffffff
ATOM   1867  N4    C B 188      46.870 -18.141 168.527  0.00nan0x7fffffff
ATOM   1868  C4    C B 188      47.537 -18.821 167.591  0.00nan0x7fffffff
ATOM   1869  N3    C B 188      47.772 -20.148 167.785  0.00nan0x7fffffff
ATOM   1870  O2    C B 188      48.653 -22.103 167.056  0.00nan0x7fffffff
ATOM   1871  C2    C B 188      48.447 -20.905 166.870  0.00nan0x7fffffff
ATOM   1872  O3*   C B 188      47.840 -22.266 161.776  0.00nan0x7fffffff
ATOM   1873  P     C B 189      46.265 -22.361 161.454  0.00nan0x7fffffff
ATOM   1874  O1P   C B 189      46.231 -22.715 160.012  0.00nan0x7fffffff
ATOM   1875  O2P   C B 189      45.585 -21.055 161.734  0.00nan0x7fffffff
ATOM   1876  O5*   C B 189      45.744 -23.509 162.430  0.00nan0x7fffffff
ATOM   1877  C5*   C B 189      46.449 -24.775 162.507  0.00nan0x7fffffff
ATOM   1878  C4*   C B 189      45.964 -25.480 163.750  0.00nan0x7fffffff
ATOM   1879  C3*   C B 189      44.467 -25.436 164.008  0.00nan0x7fffffff
ATOM   1880  O4*   C B 189      46.543 -24.838 164.909  0.00nan0x7fffffff
ATOM   1881  O2*   C B 189      44.516 -27.042 165.756  0.00nan0x7fffffff
ATOM   1882  C2*   C B 189      44.404 -25.646 165.519  0.00nan0x7fffffff
ATOM   1883  C1*   C B 189      45.647 -24.905 165.993  0.00nan0x7fffffff
ATOM   1884  N1    C B 189      45.237 -23.566 166.470  0.00nan0x7fffffff
ATOM   1885  C6    C B 189      45.558 -22.421 165.803  0.00nan0x7fffffff
ATOM   1886  C5    C B 189      45.189 -21.205 166.238  0.00nan0x7fffffff
ATOM   1887  N4    C B 189      44.033 -19.974 167.949  0.00nan0x7fffffff
ATOM   1888  C4    C B 189      44.440 -21.142 167.444  0.00nan0x7fffffff
ATOM   1889  N3    C B 189      44.126 -22.289 168.107  0.00nan0x7fffffff
ATOM   1890  O2    C B 189      44.220 -24.547 168.255  0.00nan0x7fffffff
ATOM   1891  C2    C B 189      44.509 -23.518 167.649  0.00nan0x7fffffff
ATOM   1892  O3*   C B 189      43.733 -26.427 163.284  0.00nan0x7fffffff
ATOM   1893  P     C B 190      42.270 -26.103 162.694  0.00nan0x7fffffff
ATOM   1894  O1P   C B 190      42.193 -26.957 161.481  0.00nan0x7fffffff
ATOM   1895  O2P   C B 190      42.137 -24.646 162.370  0.00nan0x7fffffff
ATOM   1896  O5*   C B 190      41.281 -26.531 163.869  0.00nan0x7fffffff
ATOM   1897  C5*   C B 190      41.419 -27.829 164.502  0.00nan0x7fffffff
ATOM   1898  C4*   C B 190      40.620 -27.785 165.782  0.00nan0x7fffffff
ATOM   1899  C3*   C B 190      39.249 -27.135 165.697  0.00nan0x7fffffff
ATOM   1900  O4*   C B 190      41.333 -26.985 166.753  0.00nan0x7fffffff
ATOM   1901  O2*   C B 190      38.553 -27.847 167.853  0.00nan0x7fffffff
ATOM   1902  C2*   C B 190      39.016 -26.706 167.145  0.00nan0x7fffffff
ATOM   1903  C1*   C B 190      40.419 -26.314 167.588  0.00nan0x7fffffff
ATOM   1904  N1    C B 190      40.542 -24.843 167.492  0.00nan0x7fffffff
ATOM   1905  C6    C B 190      41.334 -24.233 166.564  0.00nan0x7fffffff
ATOM   1906  C5    C B 190      41.450 -22.898 166.482  0.00nan0x7fffffff
ATOM   1907  N4    C B 190      40.765 -20.784 167.398  0.00nan0x7fffffff
ATOM   1908  C4    C B 190      40.708 -22.119 167.410  0.00nan0x7fffffff
ATOM   1909  N3    C B 190      39.922 -22.735 168.335  0.00nan0x7fffffff
ATOM   1910  O2    C B 190      39.102 -24.640 169.244  0.00nan0x7fffffff
ATOM   1911  C2    C B 190      39.815 -24.095 168.404  0.00nan0x7fffffff
ATOM   1912  O3*   C B 190      38.229 -28.012 165.212  0.00nan0x7fffffff
ATOM   1913  P     C B 191      37.054 -27.467 164.258  0.00nan0x7fffffff
ATOM   1914  O1P   C B 191      36.714 -28.649 163.423  0.00nan0x7fffffff
ATOM   1915  O2P   C B 191      37.530 -26.311 163.433  0.00nan0x7fffffff
ATOM   1916  O5*   C B 191      35.908 -27.025 165.275  0.00nan0x7fffffff
ATOM   1917  C5*   C B 191      35.472 -27.929 166.322  0.00nan0x7fffffff
ATOM   1918  C4*   C B 191      34.683 -27.110 167.314  0.00nan0x7fffffff
ATOM   1919  C3*   C B 191      33.695 -26.115 166.729  0.00nan0x7fffffff
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ATOM   1920  O4*   C B 191      35.598 -26.293 168.080  0.00nan0x7fffffff
ATOM   1921  O2*   C B 191      32.646 -25.628 168.803  0.00nan0x7fffffff
ATOM   1922  C2*   C B 191      33.567 -25.098 167.861  0.00nan0x7fffffff
ATOM   1923  C1*   C B 191      34.981 -25.076 168.426  0.00nan0x7fffffff
ATOM   1924  N1    C B 191      35.688 -23.905 167.862  0.00nan0x7fffffff
ATOM   1925  C6    C B 191      36.708 -24.028 166.965  0.00nan0x7fffffff
ATOM   1926  C5    C B 191      37.353 -22.965 166.457  0.00nan0x7fffffff
ATOM   1927  N4    C B 191      37.523 -20.567 166.437  0.00nan0x7fffffff
ATOM   1928  C4    C B 191      36.936 -21.678 166.892  0.00nan0x7fffffff
ATOM   1929  N3    C B 191      35.918 -21.563 167.789  0.00nan0x7fffffff
ATOM   1930  O2    C B 191      34.356 -22.541 169.106  0.00nan0x7fffffff
ATOM   1931  C2    C B 191      35.273 -22.656 168.296  0.00nan0x7fffffff
ATOM   1932  O3*   C B 191      32.440 -26.699 166.370  0.00nan0x7fffffff
ATOM   1933  P     G B 192      31.640 -26.205 165.064  0.00nan0x7fffffff
ATOM   1934  O1P   G B 192      30.900 -27.421 164.635  0.00nan0x7fffffff
ATOM   1935  O2P   G B 192      32.587 -25.719 164.010  0.00nan0x7fffffff
ATOM   1936  O5*   G B 192      30.714 -25.025 165.605  0.00nan0x7fffffff
ATOM   1937  C5*   G B 192      29.914 -25.216 166.800  0.00nan0x7fffffff
ATOM   1938  C4*   G B 192      29.457 -23.850 167.250  0.00nan0x7fffffff
ATOM   1939  C3*   G B 192      28.987 -22.904 166.158  0.00nan0x7fffffff
ATOM   1940  O4*   G B 192      30.572 -23.161 167.860  0.00nan0x7fffffff
ATOM   1941  O2*   G B 192      28.093 -21.293 167.654  0.00nan0x7fffffff
ATOM   1942  C2*   G B 192      29.206 -21.540 166.808  0.00nan0x7fffffff
ATOM   1943  C1*   G B 192      30.472 -21.777 167.619  0.00nan0x7fffffff
ATOM   1944  N9    G B 192      31.622 -21.253 166.853  0.00nan0x7fffffff
ATOM   1945  C8    G B 192      32.624 -21.961 166.243  0.00nan0x7fffffff
ATOM   1946  N7    G B 192      33.512 -21.209 165.643  0.00nan0x7fffffff
ATOM   1947  C5    G B 192      33.063 -19.912 165.879  0.00nan0x7fffffff
ATOM   1948  O6    G B 192      34.606 -18.433 164.830  0.00nan0x7fffffff
ATOM   1949  C6    G B 192      33.589 -18.652 165.491  0.00nan0x7fffffff
ATOM   1950  N1    G B 192      32.853 -17.577 165.921  0.00nan0x7fffffff
ATOM   1951  N2    G B 192      31.117 -16.566 166.994  0.00nan0x7fffffff
ATOM   1952  C2    G B 192      31.716 -17.715 166.656  0.00nan0x7fffffff
ATOM   1953  N3    G B 192      31.180 -18.872 167.046  0.00nan0x7fffffff
ATOM   1954  C4    G B 192      31.904 -19.927 166.623  0.00nan0x7fffffff
ATOM   1955  O3*   G B 192      27.628 -23.116 165.766  0.00nan0x7fffffff
ATOM   1956  P     A B 193      27.174 -22.946 164.231  0.00nan0x7fffffff
ATOM   1957  O1P   A B 193      26.045 -23.903 164.099  0.00nan0x7fffffff
ATOM   1958  O2P   A B 193      28.303 -23.272 163.302  0.00nan0x7fffffff
ATOM   1959  O5*   A B 193      26.757 -21.410 164.124  0.00nan0x7fffffff
ATOM   1960  C5*   A B 193      25.869 -20.825 165.111  0.00nan0x7fffffff
ATOM   1961  C4*   A B 193      25.978 -19.325 164.971  0.00nan0x7fffffff
ATOM   1962  C3*   A B 193      25.995 -18.783 163.551  0.00nan0x7fffffff
ATOM   1963  O4*   A B 193      27.239 -18.893 165.531  0.00nan0x7fffffff
ATOM   1964  O2*   A B 193      25.743 -16.513 164.198  0.00nan0x7fffffff
ATOM   1965  C2*   A B 193      26.708 -17.446 163.735  0.00nan0x7fffffff
ATOM   1966  C1*   A B 193      27.722 -17.775 164.823  0.00nan0x7fffffff
ATOM   1967  N9    A B 193      29.027 -18.034 164.182  0.00nan0x7fffffff
ATOM   1968  C8    A B 193      29.695 -19.226 164.070  0.00nan0x7fffffff
ATOM   1969  N7    A B 193      30.844 -19.133 163.449  0.00nan0x7fffffff
ATOM   1970  C5    A B 193      30.939 -17.781 163.132  0.00nan0x7fffffff
ATOM   1971  N6    A B 193      33.059 -17.577 161.978  0.00nan0x7fffffff
ATOM   1972  C6    A B 193      31.944 -17.045 162.459  0.00nan0x7fffffff
ATOM   1973  N1    A B 193      31.692 -15.708 162.328  0.00nan0x7fffffff
ATOM   1974  C2    A B 193      30.554 -15.143 162.814  0.00nan0x7fffffff
ATOM   1975  N3    A B 193      29.573 -15.777 163.454  0.00nan0x7fffffff
ATOM   1976  C4    A B 193      29.830 -17.094 163.579  0.00nan0x7fffffff
ATOM   1977  O3*   A B 193      24.692 -18.638 162.979  0.00nan0x7fffffff
ATOM   1978  P     U B 194      24.438 -18.939 161.418  0.00nan0x7fffffff
ATOM   1979  O1P   U B 194      23.033 -19.423 161.387  0.00nan0x7fffffff
ATOM   1980  O2P   U B 194      25.402 -19.967 160.910  0.00nan0x7fffffff
ATOM   1981  O5*   U B 194      24.667 -17.526 160.715  0.00nan0x7fffffff
ATOM   1982  C5*   U B 194      24.027 -16.336 161.242  0.00nan0x7fffffff
ATOM   1983  C4*   U B 194      24.725 -15.147 160.627  0.00nan0x7fffffff
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ATOM   1984  C3*   U B 194      25.040 -15.246 159.144  0.00nan0x7fffffff
ATOM   1985  O4*   U B 194      26.017 -14.987 161.255  0.00nan0x7fffffff
ATOM   1986  O2*   U B 194      25.661 -12.966 158.916  0.00nan0x7fffffff
ATOM   1987  C2*   U B 194      26.209 -14.273 159.007  0.00nan0x7fffffff
ATOM   1988  C1*   U B 194      26.942 -14.473 160.326  0.00nan0x7fffffff
ATOM   1989  N1    U B 194      28.077 -15.394 160.092  0.00nan0x7fffffff
ATOM   1990  C6    U B 194      28.108 -16.661 160.594  0.00nan0x7fffffff
ATOM   1991  C5    U B 194      29.139 -17.493 160.386  0.00nan0x7fffffff
ATOM   1992  O4    U B 194      31.261 -17.700 159.346  0.00nan0x7fffffff
ATOM   1993  C4    U B 194      30.233 -17.011 159.611  0.00nan0x7fffffff
ATOM   1994  N3    U B 194      30.190 -15.741 159.117  0.00nan0x7fffffff
ATOM   1995  O2    U B 194      29.112 -13.764 158.885  0.00nan0x7fffffff
ATOM   1996  C2    U B 194      29.133 -14.906 159.339  0.00nan0x7fffffff
ATOM   1997  O3*   U B 194      23.937 -14.904 158.301  0.00nan0x7fffffff
ATOM   1998  P     A B 195      23.679 -15.687 156.918  0.00nan0x7fffffff
ATOM   1999  O1P   A B 195      22.204 -15.616 156.754  0.00nan0x7fffffff
ATOM   2000  O2P   A B 195      24.171 -17.100 157.006  0.00nan0x7fffffff
ATOM   2001  O5*   A B 195      24.506 -14.849 155.843  0.00nan0x7fffffff
ATOM   2002  C5*   A B 195      24.376 -13.405 155.788  0.00nan0x7fffffff
ATOM   2003  C4*   A B 195      25.526 -12.888 154.958  0.00nan0x7fffffff
ATOM   2004  C3*   A B 195      25.853 -13.675 153.700  0.00nan0x7fffffff
ATOM   2005  O4*   A B 195      26.738 -12.954 155.743  0.00nan0x7fffffff
ATOM   2006  O2*   A B 195      27.351 -12.051 152.829  0.00nan0x7fffffff
ATOM   2007  C2*   A B 195      27.320 -13.314 153.478  0.00nan0x7fffffff
ATOM   2008  C1*   A B 195      27.840 -13.213 154.905  0.00nan0x7fffffff
ATOM   2009  N9    A B 195      28.521 -14.479 155.245  0.00nan0x7fffffff
ATOM   2010  C8    A B 195      28.114 -15.452 156.120  0.00nan0x7fffffff
ATOM   2011  N7    A B 195      28.944 -16.462 156.212  0.00nan0x7fffffff
ATOM   2012  C5    A B 195      29.972 -16.125 155.337  0.00nan0x7fffffff
ATOM   2013  N6    A B 195      31.525 -17.978 155.486  0.00nan0x7fffffff
ATOM   2014  C6    A B 195      31.164 -16.803 154.988  0.00nan0x7fffffff
ATOM   2015  N1    A B 195      31.951 -16.158 154.075  0.00nan0x7fffffff
ATOM   2016  C2    A B 195      31.598 -14.952 153.552  0.00nan0x7fffffff
ATOM   2017  N3    A B 195      30.495 -14.264 153.837  0.00nan0x7fffffff
ATOM   2018  C4    A B 195      29.725 -14.909 154.737  0.00nan0x7fffffff
ATOM   2019  O3*   A B 195      25.028 -13.334 152.582  0.00nan0x7fffffff
ATOM   2020  P     A B 196      24.554 -14.457 151.532  0.00nan0x7fffffff
ATOM   2021  O1P   A B 196      23.237 -13.954 151.062  0.00nan0x7fffffff
ATOM   2022  O2P   A B 196      24.444 -15.796 152.195  0.00nan0x7fffffff
ATOM   2023  O5*   A B 196      25.699 -14.449 150.421  0.00nan0x7fffffff
ATOM   2024  C5*   A B 196      26.155 -13.195 149.852  0.00nan0x7fffffff
ATOM   2025  C4*   A B 196      27.466 -13.474 149.157  0.00nan0x7fffffff
ATOM   2026  C3*   A B 196      27.534 -14.753 148.340  0.00nan0x7fffffff
ATOM   2027  O4*   A B 196      28.500 -13.635 150.155  0.00nan0x7fffffff
ATOM   2028  O2*   A B 196      29.605 -14.223 147.307  0.00nan0x7fffffff
ATOM   2029  C2*   A B 196      29.035 -15.035 148.323  0.00nan0x7fffffff
ATOM   2030  C1*   A B 196      29.460 -14.563 149.707  0.00nan0x7fffffff
ATOM   2031  N9    A B 196      29.559 -15.742 150.592  0.00nan0x7fffffff
ATOM   2032  C8    A B 196      28.746 -16.085 151.641  0.00nan0x7fffffff
ATOM   2033  N7    A B 196      29.097 -17.195 152.242  0.00nan0x7fffffff
ATOM   2034  C5    A B 196      30.225 -17.608 151.538  0.00nan0x7fffffff
ATOM   2035  N6    A B 196      30.899 -19.663 152.630  0.00nan0x7fffffff
ATOM   2036  C6    A B 196      31.067 -18.735 151.697  0.00nan0x7fffffff
ATOM   2037  N1    A B 196      32.098 -18.818 150.805  0.00nan0x7fffffff
ATOM   2038  C2    A B 196      32.287 -17.876 149.840  0.00nan0x7fffffff
ATOM   2039  N3    A B 196      31.535 -16.796 149.638  0.00nan0x7fffffff
ATOM   2040  C4    A B 196      30.520 -16.724 150.523  0.00nan0x7fffffff
ATOM   2041  O3*   A B 196      26.985 -14.621 147.026  0.00nan0x7fffffff
ATOM   2042  P     U B 197      26.172 -15.831 146.344  0.00nan0x7fffffff
ATOM   2043  O1P   U B 197      25.195 -15.135 145.466  0.00nan0x7fffffff
ATOM   2044  O2P   U B 197      25.499 -16.675 147.382  0.00nan0x7fffffff
ATOM   2045  O5*   U B 197      27.294 -16.653 145.563  0.00nan0x7fffffff
ATOM   2046  C5*   U B 197      28.239 -15.963 144.705  0.00nan0x7fffffff
ATOM   2047  C4*   U B 197      29.373 -16.923 144.434  0.00nan0x7fffffff
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ATOM   2048  C3*   U B 197      28.979 -18.359 144.132  0.00nan0x7fffffff
ATOM   2049  O4*   U B 197      30.196 -17.022 145.618  0.00nan0x7fffffff
ATOM   2050  O2*   U B 197      31.149 -19.022 143.434  0.00nan0x7fffffff
ATOM   2051  C2*   U B 197      30.244 -19.119 144.524  0.00nan0x7fffffff
ATOM   2052  C1*   U B 197      30.736 -18.318 145.721  0.00nan0x7fffffff
ATOM   2053  N1    U B 197      30.302 -19.012 146.954  0.00nan0x7fffffff
ATOM   2054  C6    U B 197      29.344 -18.506 147.782  0.00nan0x7fffffff
ATOM   2055  C5    U B 197      28.955 -19.133 148.902  0.00nan0x7fffffff
ATOM   2056  O4    U B 197      29.301 -21.059 150.244  0.00nan0x7fffffff
ATOM   2057  C4    U B 197      29.581 -20.373 149.218  0.00nan0x7fffffff
ATOM   2058  N3    U B 197      30.540 -20.867 148.382  0.00nan0x7fffffff
ATOM   2059  O2    U B 197      31.790 -20.676 146.505  0.00nan0x7fffffff
ATOM   2060  C2    U B 197      30.924 -20.215 147.246  0.00nan0x7fffffff
ATOM   2061  O3*   U B 197      28.608 -18.576 142.768  0.00nan0x7fffffff
ATOM   2062  P     C B 198      27.423 -19.596 142.385  0.00nan0x7fffffff
ATOM   2063  O1P   C B 198      26.860 -19.015 141.138  0.00nan0x7fffffff
ATOM   2064  O2P   C B 198      26.406 -19.668 143.484  0.00nan0x7fffffff
ATOM   2065  O5*   C B 198      28.167 -20.992 142.189  0.00nan0x7fffffff
ATOM   2066  C5*   C B 198      29.357 -21.074 141.363  0.00nan0x7fffffff
ATOM   2067  C4*   C B 198      30.023 -22.392 141.676  0.00nan0x7fffffff
ATOM   2068  C3*   C B 198      29.104 -23.595 141.807  0.00nan0x7fffffff
ATOM   2069  O4*   C B 198      30.668 -22.296 142.966  0.00nan0x7fffffff
ATOM   2070  O2*   C B 198      30.863 -25.190 141.841  0.00nan0x7fffffff
ATOM   2071  C2*   C B 198      29.934 -24.528 142.686  0.00nan0x7fffffff
ATOM   2072  C1*   C B 198      30.636 -23.546 143.614  0.00nan0x7fffffff
ATOM   2073  N1    C B 198      29.890 -23.499 144.891  0.00nan0x7fffffff
ATOM   2074  C6    C B 198      29.167 -22.409 145.278  0.00nan0x7fffffff
ATOM   2075  C5    C B 198      28.494 -22.366 146.439  0.00nan0x7fffffff
ATOM   2076  N4    C B 198      27.917 -23.556 148.446  0.00nan0x7fffffff
ATOM   2077  C4    C B 198      28.557 -23.514 147.275  0.00nan0x7fffffff
ATOM   2078  N3    C B 198      29.282 -24.598 146.882  0.00nan0x7fffffff
ATOM   2079  O2    C B 198      30.612 -25.608 145.353  0.00nan0x7fffffff
ATOM   2080  C2    C B 198      29.961 -24.624 145.697  0.00nan0x7fffffff
ATOM   2081  O3*   C B 198      28.756 -24.187 140.552  0.00nan0x7fffffff
ATOM   2082  P     U B 199      27.286 -24.795 140.305  0.00nan0x7fffffff
ATOM   2083  O1P   U B 199      27.079 -24.605 138.845  0.00nan0x7fffffff
ATOM   2084  O2P   U B 199      26.263 -24.065 141.120  0.00nan0x7fffffff
ATOM   2085  O5*   U B 199      27.418 -26.316 140.762  0.00nan0x7fffffff
ATOM   2086  C5*   U B 199      28.517 -27.131 140.279  0.00nan0x7fffffff
ATOM   2087  C4*   U B 199      28.582 -28.355 141.159  0.00nan0x7fffffff
ATOM   2088  C3*   U B 199      27.254 -29.008 141.503  0.00nan0x7fffffff
ATOM   2089  O4*   U B 199      29.136 -27.981 142.441  0.00nan0x7fffffff
ATOM   2090  O2*   U B 199      28.224 -30.956 142.451  0.00nan0x7fffffff
ATOM   2091  C2*   U B 199      27.589 -29.736 142.803  0.00nan0x7fffffff
ATOM   2092  C1*   U B 199      28.570 -28.773 143.459  0.00nan0x7fffffff
ATOM   2093  N1    U B 199      27.833 -27.968 144.457  0.00nan0x7fffffff
ATOM   2094  C6    U B 199      27.583 -26.638 144.286  0.00nan0x7fffffff
ATOM   2095  C5    U B 199      26.917 -25.908 145.193  0.00nan0x7fffffff
ATOM   2096  O4    U B 199      25.829 -25.989 147.300  0.00nan0x7fffffff
ATOM   2097  C4    U B 199      26.466 -26.568 146.372  0.00nan0x7fffffff
ATOM   2098  N3    U B 199      26.724 -27.898 146.531  0.00nan0x7fffffff
ATOM   2099  O2    U B 199      27.626 -29.825 145.757  0.00nan0x7fffffff
ATOM   2100  C2    U B 199      27.403 -28.627 145.597  0.00nan0x7fffffff
ATOM   2101  O3*   U B 199      26.772 -29.891 140.486  0.00nan0x7fffffff
ATOM   2102  P     U B 200      25.199 -30.003 140.165  0.00nan0x7fffffff
ATOM   2103  O1P   U B 200      25.169 -30.354 138.721  0.00nan0x7fffffff
ATOM   2104  O2P   U B 200      24.503 -28.706 140.446  0.00nan0x7fffffff
ATOM   2105  O5*   U B 200      24.690 -31.160 141.137  0.00nan0x7fffffff
ATOM   2106  C5*   U B 200      25.406 -32.419 141.209  0.00nan0x7fffffff
ATOM   2107  C4*   U B 200      24.926 -33.132 142.450  0.00nan0x7fffffff
ATOM   2108  C3*   U B 200      23.430 -33.096 142.710  0.00nan0x7fffffff
ATOM   2109  O4*   U B 200      25.505 -32.493 143.611  0.00nan0x7fffffff
ATOM   2110  O2*   U B 200      23.487 -34.708 144.453  0.00nan0x7fffffff
ATOM   2111  C2*   U B 200      23.369 -33.312 144.221  0.00nan0x7fffffff
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ATOM   2112  C1*   U B 200      24.610 -32.568 144.696  0.00nan0x7fffffff
ATOM   2113  N1    U B 200      24.195 -31.231 145.177  0.00nan0x7fffffff
ATOM   2114  C6    U B 200      24.508 -30.083 144.512  0.00nan0x7fffffff
ATOM   2115  C5    U B 200      24.134 -28.872 144.952  0.00nan0x7fffffff
ATOM   2116  O4    U B 200      22.976 -27.728 146.678  0.00nan0x7fffffff
ATOM   2117  C4    U B 200      23.385 -28.809 146.162  0.00nan0x7fffffff
ATOM   2118  N3    U B 200      23.079 -29.965 146.817  0.00nan0x7fffffff
ATOM   2119  O2    U B 200      23.183 -32.222 146.960  0.00nan0x7fffffff
ATOM   2120  C2    U B 200      23.468 -31.191 146.355  0.00nan0x7fffffff
ATOM   2121  O3*   U B 200      22.700 -34.088 141.984  0.00nan0x7fffffff
ATOM   2122  P     C B 201      21.237 -33.773 141.392  0.00nan0x7fffffff
ATOM   2123  O1P   C B 201      21.164 -34.633 140.182  0.00nan0x7fffffff
ATOM   2124  O2P   C B 201      21.096 -32.318 141.061  0.00nan0x7fffffff
ATOM   2125  O5*   C B 201      20.248 -34.201 142.568  0.00nan0x7fffffff
ATOM   2126  C5*   C B 201      20.380 -35.504 143.192  0.00nan0x7fffffff
ATOM   2127  C4*   C B 201      19.585 -35.462 144.475  0.00nan0x7fffffff
ATOM   2128  C3*   C B 201      18.213 -34.814 144.395  0.00nan0x7fffffff
ATOM   2129  O4*   C B 201      20.300 -34.662 145.444  0.00nan0x7fffffff
ATOM   2130  O2*   C B 201      17.525 -35.528 146.552  0.00nan0x7fffffff
ATOM   2131  C2*   C B 201      17.984 -34.386 145.843  0.00nan0x7fffffff
ATOM   2132  C1*   C B 201      19.388 -33.993 146.282  0.00nan0x7fffffff
ATOM   2133  N1    C B 201      19.509 -32.521 146.186  0.00nan0x7fffffff
ATOM   2134  C6    C B 201      20.302 -31.910 145.260  0.00nan0x7fffffff
ATOM   2135  C5    C B 201      20.416 -30.576 145.177  0.00nan0x7fffffff
ATOM   2136  N4    C B 201      19.727 -28.462 146.091  0.00nan0x7fffffff
ATOM   2137  C4    C B 201      19.672 -29.797 146.104  0.00nan0x7fffffff
ATOM   2138  N3    C B 201      18.884 -30.413 147.027  0.00nan0x7fffffff
ATOM   2139  O2    C B 201      18.066 -32.320 147.936  0.00nan0x7fffffff
ATOM   2140  C2    C B 201      18.780 -31.774 147.098  0.00nan0x7fffffff
ATOM   2141  O3*   C B 201      17.193 -35.692 143.913  0.00nan0x7fffffff
ATOM   2142  P     U B 202      16.015 -35.148 142.960  0.00nan0x7fffffff
ATOM   2143  O1P   U B 202      15.669 -36.334 142.132  0.00nan0x7fffffff
ATOM   2144  O2P   U B 202      16.492 -33.998 142.127  0.00nan0x7fffffff
ATOM   2145  O5*   U B 202      14.875 -34.697 143.978  0.00nan0x7fffffff
ATOM   2146  C5*   U B 202      14.405 -35.612 145.001  0.00nan0x7fffffff
ATOM   2147  C4*   U B 202      13.627 -34.794 146.003  0.00nan0x7fffffff
ATOM   2148  C3*   U B 202      12.639 -33.792 145.430  0.00nan0x7fffffff
ATOM   2149  O4*   U B 202      14.551 -33.986 146.766  0.00nan0x7fffffff
ATOM   2150  O2*   U B 202      11.608 -33.310 147.513  0.00nan0x7fffffff
ATOM   2151  C2*   U B 202      12.525 -32.780 146.567  0.00nan0x7fffffff
ATOM   2152  C1*   U B 202      13.943 -32.767 147.122  0.00nan0x7fffffff
ATOM   2153  N1    U B 202      14.652 -31.597 146.560  0.00nan0x7fffffff
ATOM   2154  C6    U B 202      15.672 -31.720 145.663  0.00nan0x7fffffff
ATOM   2155  C5    U B 202      16.319 -30.659 145.158  0.00nan0x7fffffff
ATOM   2156  O4    U B 202      16.439 -28.290 145.187  0.00nan0x7fffffff
ATOM   2157  C4    U B 202      15.908 -29.365 145.591  0.00nan0x7fffffff
ATOM   2158  N3    U B 202      14.889 -29.257 146.490  0.00nan0x7fffffff
ATOM   2159  O2    U B 202      13.325 -30.231 147.806  0.00nan0x7fffffff
ATOM   2160  C2    U B 202      14.241 -30.348 146.995  0.00nan0x7fffffff
ATOM   2161  O3*   U B 202      11.378 -34.369 145.078  0.00nan0x7fffffff
ATOM   2162  P     U B 203      10.573 -33.874 143.775  0.00nan0x7fffffff
ATOM   2163  O1P   U B 203       9.805 -35.080 143.369  0.00nan0x7fffffff
ATOM   2164  O2P   U B 203      11.520 -33.421 142.705  0.00nan0x7fffffff
ATOM   2165  O5*   U B 203       9.678 -32.668 144.310  0.00nan0x7fffffff
ATOM   2166  C5*   U B 203       8.747 -32.879 145.402  0.00nan0x7fffffff
ATOM   2167  C4*   U B 203       8.337 -31.515 145.903  0.00nan0x7fffffff
ATOM   2168  C3*   U B 203       7.885 -30.521 144.848  0.00nan0x7fffffff
ATOM   2169  O4*   U B 203       9.479 -30.882 146.523  0.00nan0x7fffffff
ATOM   2170  O2*   U B 203       7.057 -28.932 146.406  0.00nan0x7fffffff
ATOM   2171  C2*   U B 203       8.153 -29.186 145.540  0.00nan0x7fffffff
ATOM   2172  C1*   U B 203       9.420 -29.488 146.329  0.00nan0x7fffffff
ATOM   2173  N1    U B 203      10.578 -28.978 145.562  0.00nan0x7fffffff
ATOM   2174  C6    U B 203      11.507 -29.804 145.001  0.00nan0x7fffffff
ATOM   2175  C5    U B 203      12.559 -29.340 144.309  0.00nan0x7fffffff
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ATOM   2176  O4    U B 203      13.638 -27.371 143.544  0.00nan0x7fffffff
ATOM   2177  C4    U B 203      12.691 -27.929 144.171  0.00nan0x7fffffff
ATOM   2178  N3    U B 203      11.756 -27.114 144.740  0.00nan0x7fffffff
ATOM   2179  O2    U B 203       9.859 -26.853 145.947  0.00nan0x7fffffff
ATOM   2180  C2    U B 203      10.691 -27.602 145.441  0.00nan0x7fffffff
ATOM   2181  O3*   U B 203       6.516 -30.675 144.464  0.00nan0x7fffffff
ATOM   2182  P     C B 204       6.050 -30.469 142.937  0.00nan0x7fffffff
ATOM   2183  O1P   C B 204       4.825 -31.306 142.838  0.00nan0x7fffffff
ATOM   2184  O2P   C B 204       7.120 -30.920 141.990  0.00nan0x7fffffff
ATOM   2185  O5*   C B 204       5.792 -28.901 142.820  0.00nan0x7fffffff
ATOM   2186  C5*   C B 204       4.605 -28.309 143.409  0.00nan0x7fffffff
ATOM   2187  C4*   C B 204       4.824 -26.815 143.432  0.00nan0x7fffffff
ATOM   2188  C3*   C B 204       4.938 -26.132 142.080  0.00nan0x7fffffff
ATOM   2189  O4*   C B 204       6.088 -26.539 144.078  0.00nan0x7fffffff
ATOM   2190  O2*   C B 204       4.821 -23.929 142.957  0.00nan0x7fffffff
ATOM   2191  C2*   C B 204       5.736 -24.878 142.430  0.00nan0x7fffffff
ATOM   2192  C1*   C B 204       6.678 -25.394 143.509  0.00nan0x7fffffff
ATOM   2193  N1    C B 204       7.985 -25.689 142.882  0.00nan0x7fffffff
ATOM   2194  C6    C B 204       8.515 -26.946 142.853  0.00nan0x7fffffff
ATOM   2195  C5    C B 204       9.702 -27.215 142.286  0.00nan0x7fffffff
ATOM   2196  N4    C B 204      11.597 -26.307 141.120  0.00nan0x7fffffff
ATOM   2197  C4    C B 204      10.410 -26.128 141.704  0.00nan0x7fffffff
ATOM   2198  N3    C B 204       9.875 -24.877 141.738  0.00nan0x7fffffff
ATOM   2199  O2    C B 204       8.192 -23.487 142.344  0.00nan0x7fffffff
ATOM   2200  C2    C B 204       8.666 -24.621 142.320  0.00nan0x7fffffff
ATOM   2201  O3*   C B 204       3.674 -25.830 141.483  0.00nan0x7fffffff
ATOM   2202  P     A B 205       3.471 -25.934 139.890  0.00nan0x7fffffff
ATOM   2203  O1P   A B 205       2.021 -26.225 139.747  0.00nan0x7fffffff
ATOM   2204  O2P   A B 205       4.326 -27.022 139.314  0.00nan0x7fffffff
ATOM   2205  O5*   A B 205       3.914 -24.500 139.352  0.00nan0x7fffffff
ATOM   2206  C5*   A B 205       3.274 -23.303 139.863  0.00nan0x7fffffff
ATOM   2207  C4*   A B 205       4.131 -22.131 139.452  0.00nan0x7fffffff
ATOM   2208  C3*   A B 205       4.366 -21.955 137.962  0.00nan0x7fffffff
ATOM   2209  O4*   A B 205       5.457 -22.304 140.003  0.00nan0x7fffffff
ATOM   2210  O2*   A B 205       5.339 -19.798 138.160  0.00nan0x7fffffff
ATOM   2211  C2*   A B 205       5.670 -21.161 137.941  0.00nan0x7fffffff
ATOM   2212  C1*   A B 205       6.415 -21.746 139.133  0.00nan0x7fffffff
ATOM   2213  N9    A B 205       7.380 -22.748 138.639  0.00nan0x7fffffff
ATOM   2214  C8    A B 205       7.251 -24.113 138.620  0.00nan0x7fffffff
ATOM   2215  N7    A B 205       8.293 -24.736 138.129  0.00nan0x7fffffff
ATOM   2216  C5    A B 205       9.173 -23.708 137.809  0.00nan0x7fffffff
ATOM   2217  N6    A B 205      11.115 -24.833 136.896  0.00nan0x7fffffff
ATOM   2218  C6    A B 205      10.471 -23.727 137.244  0.00nan0x7fffffff
ATOM   2219  N1    A B 205      11.044 -22.499 137.068  0.00nan0x7fffffff
ATOM   2220  C2    A B 205      10.400 -21.352 137.417  0.00nan0x7fffffff
ATOM   2221  N3    A B 205       9.183 -21.265 137.952  0.00nan0x7fffffff
ATOM   2222  C4    A B 205       8.626 -22.481 138.120  0.00nan0x7fffffff
ATOM   2223  O3*   A B 205       3.295 -21.274 137.302  0.00nan0x7fffffff
ATOM   2224  P     U B 206       2.939 -21.622 135.774  0.00nan0x7fffffff
ATOM   2225  O1P   U B 206       1.512 -21.229 135.650  0.00nan0x7fffffff
ATOM   2226  O2P   U B 206       3.159 -23.074 135.485  0.00nan0x7fffffff
ATOM   2227  O5*   U B 206       3.950 -20.704 134.939  0.00nan0x7fffffff
ATOM   2228  C5*   U B 206       4.046 -19.285 135.224  0.00nan0x7fffffff
ATOM   2229  C4*   U B 206       5.377 -18.805 134.698  0.00nan0x7fffffff
ATOM   2230  C3*   U B 206       5.675 -19.106 133.240  0.00nan0x7fffffff
ATOM   2231  O4*   U B 206       6.434 -19.476 135.422  0.00nan0x7fffffff
ATOM   2232  O2*   U B 206       7.598 -17.718 133.133  0.00nan0x7fffffff
ATOM   2233  C2*   U B 206       7.202 -19.079 133.219  0.00nan0x7fffffff
ATOM   2234  C1*   U B 206       7.546 -19.668 134.580  0.00nan0x7fffffff
ATOM   2235  N1    U B 206       7.875 -21.100 134.400  0.00nan0x7fffffff
ATOM   2236  C6    U B 206       6.977 -22.095 134.649  0.00nan0x7fffffff
ATOM   2237  C5    U B 206       7.279 -23.393 134.495  0.00nan0x7fffffff
ATOM   2238  O4    U B 206       9.000 -24.905 133.879  0.00nan0x7fffffff
ATOM   2239  C4    U B 206       8.595 -23.719 134.060  0.00nan0x7fffffff
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ATOM   2240  N3    U B 206       9.485 -22.714 133.820  0.00nan0x7fffffff
ATOM   2241  O2    U B 206       9.978 -20.505 133.761  0.00nan0x7fffffff
ATOM   2242  C2    U B 206       9.162 -21.397 133.982  0.00nan0x7fffffff
ATOM   2243  O3*   U B 206       5.095 -18.158 132.339  0.00nan0x7fffffff
ATOM   2244  P     A B 207       4.573 -18.621 130.890  0.00nan0x7fffffff
ATOM   2245  O1P   A B 207       3.410 -17.732 130.641  0.00nan0x7fffffff
ATOM   2246  O2P   A B 207       4.193 -20.069 130.893  0.00nan0x7fffffff
ATOM   2247  O5*   A B 207       5.827 -18.351 129.936  0.00nan0x7fffffff
ATOM   2248  C5*   A B 207       6.563 -17.105 130.034  0.00nan0x7fffffff
ATOM   2249  C4*   A B 207       7.918 -17.332 129.406  0.00nan0x7fffffff
ATOM   2250  C3*   A B 207       7.939 -18.176 128.143  0.00nan0x7fffffff
ATOM   2251  O4*   A B 207       8.746 -18.066 130.337  0.00nan0x7fffffff
ATOM   2252  O2*   A B 207      10.202 -17.693 127.613  0.00nan0x7fffffff
ATOM   2253  C2*   A B 207       9.368 -18.711 128.147  0.00nan0x7fffffff
ATOM   2254  C1*   A B 207       9.627 -18.911 129.634  0.00nan0x7fffffff
ATOM   2255  N9    A B 207       9.415 -20.337 129.956  0.00nan0x7fffffff
ATOM   2256  C8    A B 207       8.428 -20.894 130.727  0.00nan0x7fffffff
ATOM   2257  N7    A B 207       8.511 -22.197 130.831  0.00nan0x7fffffff
ATOM   2258  C5    A B 207       9.634 -22.519 130.076  0.00nan0x7fffffff
ATOM   2259  N6    A B 207       9.811 -24.929 130.249  0.00nan0x7fffffff
ATOM   2260  C6    A B 207      10.249 -23.763 129.794  0.00nan0x7fffffff
ATOM   2261  N1    A B 207      11.360 -23.692 129.001  0.00nan0x7fffffff
ATOM   2262  C2    A B 207      11.825 -22.506 128.524  0.00nan0x7fffffff
ATOM   2263  N3    A B 207      11.294 -21.306 128.750  0.00nan0x7fffffff
ATOM   2264  C4    A B 207      10.200 -21.385 129.534  0.00nan0x7fffffff
ATOM   2265  O3*   A B 207       7.631 -17.435 126.958  0.00nan0x7fffffff
ATOM   2266  P     C B 208       6.794 -18.110 125.761  0.00nan0x7fffffff
ATOM   2267  O1P   C B 208       6.162 -16.948 125.086  0.00nan0x7fffffff
ATOM   2268  O2P   C B 208       5.781 -19.076 126.296  0.00nan0x7fffffff
ATOM   2269  O5*   C B 208       7.906 -18.855 124.893  0.00nan0x7fffffff
ATOM   2270  C5*   C B 208       9.251 -18.315 124.819  0.00nan0x7fffffff
ATOM   2271  C4*   C B 208      10.140 -19.407 124.274  0.00nan0x7fffffff
ATOM   2272  C3*   C B 208       9.547 -20.270 123.174  0.00nan0x7fffffff
ATOM   2273  O4*   C B 208      10.439 -20.341 125.336  0.00nan0x7fffffff
ATOM   2274  O2*   C B 208      11.598 -21.333 122.625  0.00nan0x7fffffff
ATOM   2275  C2*   C B 208      10.369 -21.550 123.303  0.00nan0x7fffffff
ATOM   2276  C1*   C B 208      10.580 -21.639 124.809  0.00nan0x7fffffff
ATOM   2277  N1    C B 208       9.586 -22.584 125.362  0.00nan0x7fffffff
ATOM   2278  C6    C B 208       8.592 -22.191 126.209  0.00nan0x7fffffff
ATOM   2279  C5    C B 208       7.692 -23.050 126.713  0.00nan0x7fffffff
ATOM   2280  N4    C B 208       6.955 -25.337 126.789  0.00nan0x7fffffff
ATOM   2281  C4    C B 208       7.807 -24.415 126.334  0.00nan0x7fffffff
ATOM   2282  N3    C B 208       8.804 -24.801 125.490  0.00nan0x7fffffff
ATOM   2283  O2    C B 208      10.606 -24.272 124.225  0.00nan0x7fffffff
ATOM   2284  C2    C B 208       9.711 -23.912 124.986  0.00nan0x7fffffff
ATOM   2285  O3*   C B 208       9.642 -19.684 121.872  0.00nan0x7fffffff
ATOM   2286  P     U B 209       8.456 -19.851 120.797  0.00nan0x7fffffff
ATOM   2287  O1P   U B 209       8.418 -18.527 120.122  0.00nan0x7fffffff
ATOM   2288  O2P   U B 209       7.161 -20.173 121.479  0.00nan0x7fffffff
ATOM   2289  O5*   U B 209       8.941 -21.052 119.870  0.00nan0x7fffffff
ATOM   2290  C5*   U B 209      10.299 -21.079 119.359  0.00nan0x7fffffff
ATOM   2291  C4*   U B 209      10.531 -22.464 118.803  0.00nan0x7fffffff
ATOM   2292  C3*   U B 209       9.358 -23.097 118.072  0.00nan0x7fffffff
ATOM   2293  O4*   U B 209      10.800 -23.369 119.898  0.00nan0x7fffffff
ATOM   2294  O2*   U B 209      10.632 -24.902 117.201  0.00nan0x7fffffff
ATOM   2295  C2*   U B 209       9.679 -24.582 118.205  0.00nan0x7fffffff
ATOM   2296  C1*   U B 209      10.304 -24.651 119.591  0.00nan0x7fffffff
ATOM   2297  N1    U B 209       9.273 -25.100 120.552  0.00nan0x7fffffff
ATOM   2298  C6    U B 209       8.499 -24.227 121.259  0.00nan0x7fffffff
ATOM   2299  C5    U B 209       7.577 -24.636 122.144  0.00nan0x7fffffff
ATOM   2300  O4    U B 209       6.595 -26.546 123.150  0.00nan0x7fffffff
ATOM   2301  C4    U B 209       7.427 -26.038 122.344  0.00nan0x7fffffff
ATOM   2302  N3    U B 209       8.214 -26.899 121.638  0.00nan0x7fffffff
ATOM   2303  O2    U B 209       9.848 -27.258 120.113  0.00nan0x7fffffff
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ATOM   2304  C2    U B 209       9.148 -26.467 120.740  0.00nan0x7fffffff
ATOM   2305  O3*   U B 209       9.264 -22.625 116.730  0.00nan0x7fffffff
ATOM   2306  P     U B 210       8.631 -23.388 115.500  0.00nan0x7fffffff
ATOM   2307  O1P   U B 210       7.518 -24.184 116.093  0.00nan0x7fffffff
ATOM   2308  O2P   U B 210       9.633 -24.278 114.817  0.00nan0x7fffffff
ATOM   2309  O5*   U B 210       8.138 -22.235 114.510  0.00nan0x7fffffff
ATOM   2310  C5*   U B 210       8.849 -20.971 114.450  0.00nan0x7fffffff
ATOM   2311  C4*   U B 210       7.929 -19.982 113.772  0.00nan0x7fffffff
ATOM   2312  C3*   U B 210       6.535 -19.857 114.367  0.00nan0x7fffffff
ATOM   2313  O4*   U B 210       7.700 -20.417 112.413  0.00nan0x7fffffff
ATOM   2314  O2*   U B 210       5.936 -17.944 113.095  0.00nan0x7fffffff
ATOM   2315  C2*   U B 210       5.731 -19.347 113.173  0.00nan0x7fffffff
ATOM   2316  C1*   U B 210       6.396 -20.066 112.008  0.00nan0x7fffffff
ATOM   2317  N1    U B 210       5.587 -21.251 111.647  0.00nan0x7fffffff
ATOM   2318  C6    U B 210       6.126 -22.501 111.553  0.00nan0x7fffffff
ATOM   2319  C5    U B 210       5.401 -23.574 111.205  0.00nan0x7fffffff
ATOM   2320  O4    U B 210       3.234 -24.307 110.576  0.00nan0x7fffffff
ATOM   2321  C4    U B 210       4.021 -23.375 110.915  0.00nan0x7fffffff
ATOM   2322  N3    U B 210       3.497 -22.118 111.000  0.00nan0x7fffffff
ATOM   2323  O2    U B 210       3.762 -19.910 111.426  0.00nan0x7fffffff
ATOM   2324  C2    U B 210       4.251 -21.035 111.350  0.00nan0x7fffffff
ATOM   2325  O3*   U B 210       6.472 -18.972 115.489  0.00nan0x7fffffff
ATOM   2326  P     U B 211       5.555 -19.292 116.772  0.00nan0x7fffffff
ATOM   2327  O1P   U B 211       6.153 -18.441 117.836  0.00nan0x7fffffff
ATOM   2328  O2P   U B 211       5.620 -20.750 117.120  0.00nan0x7fffffff
ATOM   2329  O5*   U B 211       4.092 -18.864 116.326  0.00nan0x7fffffff
ATOM   2330  C5*   U B 211       3.661 -17.482 116.444  0.00nan0x7fffffff
ATOM   2331  C4*   U B 211       2.265 -17.421 115.870  0.00nan0x7fffffff
ATOM   2332  C3*   U B 211       1.234 -18.317 116.539  0.00nan0x7fffffff
ATOM   2333  O4*   U B 211       2.307 -17.884 114.502  0.00nan0x7fffffff
ATOM   2334  O2*   U B 211      -0.626 -17.373 115.404  0.00nan0x7fffffff
ATOM   2335  C2*   U B 211       0.218 -18.515 115.415  0.00nan0x7fffffff
ATOM   2336  C1*   U B 211       1.110 -18.553 114.182  0.00nan0x7fffffff
ATOM   2337  N1    U B 211       1.341 -19.967 113.814  0.00nan0x7fffffff
ATOM   2338  C6    U B 211       2.509 -20.614 114.091  0.00nan0x7fffffff
ATOM   2339  C5    U B 211       2.721 -21.895 113.752  0.00nan0x7fffffff
ATOM   2340  O4    U B 211       1.754 -23.788 112.699  0.00nan0x7fffffff
ATOM   2341  C4    U B 211       1.676 -22.581 113.069  0.00nan0x7fffffff
ATOM   2342  N3    U B 211       0.514 -21.920 112.796  0.00nan0x7fffffff
ATOM   2343  O2    U B 211      -0.738 -20.036 112.889  0.00nan0x7fffffff
ATOM   2344  C2    U B 211       0.315 -20.616 113.146  0.00nan0x7fffffff
ATOM   2345  O3*   U B 211       0.648 -17.745 117.712  0.00nan0x7fffffff
ATOM   2346  P     G B 212       0.374 -18.598 119.050  0.00nan0x7fffffff
ATOM   2347  O1P   G B 212       0.553 -17.594 120.134  0.00nan0x7fffffff
ATOM   2348  O2P   G B 212       1.353 -19.728 119.167  0.00nan0x7fffffff
ATOM   2349  O5*   G B 212      -1.114 -19.131 118.883  0.00nan0x7fffffff
ATOM   2350  C5*   G B 212      -2.171 -18.706 119.781  0.00nan0x7fffffff
ATOM   2351  C4*   G B 212      -3.317 -19.675 119.611  0.00nan0x7fffffff
ATOM   2352  C3*   G B 212      -3.138 -21.039 120.254  0.00nan0x7fffffff
ATOM   2353  O4*   G B 212      -3.476 -19.965 118.203  0.00nan0x7fffffff
ATOM   2354  O2*   G B 212      -5.387 -21.715 119.910  0.00nan0x7fffffff
ATOM   2355  C2*   G B 212      -4.071 -21.908 119.414  0.00nan0x7fffffff
ATOM   2356  C1*   G B 212      -3.908 -21.294 118.030  0.00nan0x7fffffff
ATOM   2357  N9    G B 212      -2.906 -22.101 117.299  0.00nan0x7fffffff
ATOM   2358  C8    G B 212      -1.566 -21.853 117.163  0.00nan0x7fffffff
ATOM   2359  N7    G B 212      -0.928 -22.766 116.474  0.00nan0x7fffffff
ATOM   2360  C5    G B 212      -1.920 -23.687 116.146  0.00nan0x7fffffff
ATOM   2361  O6    G B 212      -0.878 -25.418 114.886  0.00nan0x7fffffff
ATOM   2362  C6    G B 212      -1.865 -24.904 115.418  0.00nan0x7fffffff
ATOM   2363  N1    G B 212      -3.074 -25.542 115.293  0.00nan0x7fffffff
ATOM   2364  N2    G B 212      -5.310 -25.801 115.634  0.00nan0x7fffffff
ATOM   2365  C2    G B 212      -4.220 -25.052 115.840  0.00nan0x7fffffff
ATOM   2366  N3    G B 212      -4.325 -23.922 116.539  0.00nan0x7fffffff
ATOM   2367  C4    G B 212      -3.139 -23.292 116.652  0.00nan0x7fffffff
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ATOM   2368  O3*   G B 212      -3.464 -21.070 121.646  0.00nan0x7fffffff
ATOM   2369  P     G B 213      -2.616 -21.993 122.659  0.00nan0x7fffffff
ATOM   2370  O1P   G B 213      -3.063 -21.527 123.998  0.00nan0x7fffffff
ATOM   2371  O2P   G B 213      -1.145 -21.789 122.455  0.00nan0x7fffffff
ATOM   2372  O5*   G B 213      -3.055 -23.479 122.295  0.00nan0x7fffffff
ATOM   2373  C5*   G B 213      -4.117 -24.113 123.053  0.00nan0x7fffffff
ATOM   2374  C4*   G B 213      -4.324 -25.487 122.471  0.00nan0x7fffffff
ATOM   2375  C3*   G B 213      -3.285 -26.539 122.817  0.00nan0x7fffffff
ATOM   2376  O4*   G B 213      -4.282 -25.410 121.028  0.00nan0x7fffffff
ATOM   2377  O2*   G B 213      -4.557 -28.360 121.979  0.00nan0x7fffffff
ATOM   2378  C2*   G B 213      -3.447 -27.530 121.668  0.00nan0x7fffffff
ATOM   2379  C1*   G B 213      -3.762 -26.606 120.498  0.00nan0x7fffffff
ATOM   2380  N9    G B 213      -2.519 -26.396 119.727  0.00nan0x7fffffff
ATOM   2381  C8    G B 213      -1.741 -25.269 119.665  0.00nan0x7fffffff
ATOM   2382  N7    G B 213      -0.696 -25.392 118.888  0.00nan0x7fffffff
ATOM   2383  C5    G B 213      -0.792 -26.694 118.403  0.00nan0x7fffffff
ATOM   2384  O6    G B 213       1.069 -27.048 116.961  0.00nan0x7fffffff
ATOM   2385  C6    G B 213       0.036 -27.430 117.516  0.00nan0x7fffffff
ATOM   2386  N1    G B 213      -0.394 -28.709 117.271  0.00nan0x7fffffff
ATOM   2387  N2    G B 213      -1.800 -30.487 117.493  0.00nan0x7fffffff
ATOM   2388  C2    G B 213      -1.521 -29.223 117.836  0.00nan0x7fffffff
ATOM   2389  N3    G B 213      -2.332 -28.577 118.673  0.00nan0x7fffffff
ATOM   2390  C4    G B 213      -1.909 -27.320 118.912  0.00nan0x7fffffff
ATOM   2391  O3*   G B 213      -3.490 -27.143 124.097  0.00nan0x7fffffff
ATOM   2392  P     C B 214      -2.231 -27.597 124.991  0.00nan0x7fffffff
ATOM   2393  O1P   C B 214      -2.754 -27.533 126.380  0.00nan0x7fffffff
ATOM   2394  O2P   C B 214      -1.067 -26.678 124.781  0.00nan0x7fffffff
ATOM   2395  O5*   C B 214      -1.908 -29.072 124.475  0.00nan0x7fffffff
ATOM   2396  C5*   C B 214      -2.789 -30.171 124.820  0.00nan0x7fffffff
ATOM   2397  C4*   C B 214      -2.457 -31.317 123.896  0.00nan0x7fffffff
ATOM   2398  C3*   C B 214      -1.107 -31.982 124.100  0.00nan0x7fffffff
ATOM   2399  O4*   C B 214      -2.410 -30.828 122.536  0.00nan0x7fffffff
ATOM   2400  O2*   C B 214      -1.569 -33.821 122.671  0.00nan0x7fffffff
ATOM   2401  C2*   C B 214      -0.850 -32.597 122.726  0.00nan0x7fffffff
ATOM   2402  C1*   C B 214      -1.460 -31.558 121.796  0.00nan0x7fffffff
ATOM   2403  N1    C B 214      -0.371 -30.703 121.273  0.00nan0x7fffffff
ATOM   2404  C6    C B 214      -0.319 -29.360 121.504  0.00nan0x7fffffff
ATOM   2405  C5    C B 214       0.667 -28.584 121.025  0.00nan0x7fffffff
ATOM   2406  N4    C B 214       2.694 -28.518 119.735  0.00nan0x7fffffff
ATOM   2407  C4    C B 214       1.678 -29.215 120.250  0.00nan0x7fffffff
ATOM   2408  N3    C B 214       1.617 -30.555 120.021  0.00nan0x7fffffff
ATOM   2409  O2    C B 214       0.562 -32.539 120.304  0.00nan0x7fffffff
ATOM   2410  C2    C B 214       0.606 -31.330 120.516  0.00nan0x7fffffff
ATOM   2411  O3*   C B 214      -1.103 -32.957 125.147  0.00nan0x7fffffff
ATOM   2412  P     G B 215       0.190 -33.149 126.085  0.00nan0x7fffffff
ATOM   2413  O1P   G B 215      -0.371 -33.755 127.322  0.00nan0x7fffffff
ATOM   2414  O2P   G B 215       0.856 -31.834 126.353  0.00nan0x7fffffff
ATOM   2415  O5*   G B 215       1.134 -34.120 125.244  0.00nan0x7fffffff
ATOM   2416  C5*   G B 215       0.552 -35.113 124.362  0.00nan0x7fffffff
ATOM   2417  C4*   G B 215       1.668 -35.639 123.492  0.00nan0x7fffffff
ATOM   2418  C3*   G B 215       3.061 -35.615 124.098  0.00nan0x7fffffff
ATOM   2419  O4*   G B 215       1.778 -34.807 122.315  0.00nan0x7fffffff
ATOM   2420  O2*   G B 215       4.058 -36.927 122.389  0.00nan0x7fffffff
ATOM   2421  C2*   G B 215       3.945 -35.590 122.854  0.00nan0x7fffffff
ATOM   2422  C1*   G B 215       3.121 -34.742 121.896  0.00nan0x7fffffff
ATOM   2423  N9    G B 215       3.650 -33.363 121.905  0.00nan0x7fffffff
ATOM   2424  C8    G B 215       3.106 -32.252 122.496  0.00nan0x7fffffff
ATOM   2425  N7    G B 215       3.800 -31.159 122.304  0.00nan0x7fffffff
ATOM   2426  C5    G B 215       4.872 -31.579 121.520  0.00nan0x7fffffff
ATOM   2427  O6    G B 215       6.225 -29.665 121.095  0.00nan0x7fffffff
ATOM   2428  C6    G B 215       5.974 -30.867 120.977  0.00nan0x7fffffff
ATOM   2429  N1    G B 215       6.839 -31.639 120.245  0.00nan0x7fffffff
ATOM   2430  N2    G B 215       7.586 -33.579 119.316  0.00nan0x7fffffff
ATOM   2431  C2    G B 215       6.649 -32.973 120.057  0.00nan0x7fffffff
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ATOM   2432  N3    G B 215       5.635 -33.688 120.542  0.00nan0x7fffffff
ATOM   2433  C4    G B 215       4.786 -32.929 121.262  0.00nan0x7fffffff
ATOM   2434  O3*   G B 215       3.329 -36.740 124.940  0.00nan0x7fffffff
ATOM   2435  P     A B 216       4.234 -36.595 126.260  0.00nan0x7fffffff
ATOM   2436  O1P   A B 216       3.873 -37.794 127.060  0.00nan0x7fffffff
ATOM   2437  O2P   A B 216       3.930 -35.319 126.982  0.00nan0x7fffffff
ATOM   2438  O5*   A B 216       5.728 -36.604 125.698  0.00nan0x7fffffff
ATOM   2439  C5*   A B 216       6.150 -37.597 124.728  0.00nan0x7fffffff
ATOM   2440  C4*   A B 216       7.381 -37.052 124.040  0.00nan0x7fffffff
ATOM   2441  C3*   A B 216       8.403 -36.383 124.938  0.00nan0x7fffffff
ATOM   2442  O4*   A B 216       6.972 -36.010 123.124  0.00nan0x7fffffff
ATOM   2443  O2*   A B 216      10.074 -36.207 123.260  0.00nan0x7fffffff
ATOM   2444  C2*   A B 216       9.109 -35.441 123.966  0.00nan0x7fffffff
ATOM   2445  C1*   A B 216       7.969 -35.017 123.051  0.00nan0x7fffffff
ATOM   2446  N9    A B 216       7.469 -33.697 123.490  0.00nan0x7fffffff
ATOM   2447  C8    A B 216       6.414 -33.428 124.322  0.00nan0x7fffffff
ATOM   2448  N7    A B 216       6.189 -32.149 124.495  0.00nan0x7fffffff
ATOM   2449  C5    A B 216       7.155 -31.535 123.704  0.00nan0x7fffffff
ATOM   2450  N6    A B 216       6.765 -29.163 124.004  0.00nan0x7fffffff
ATOM   2451  C6    A B 216       7.424 -30.169 123.447  0.00nan0x7fffffff
ATOM   2452  N1    A B 216       8.483 -29.935 122.614  0.00nan0x7fffffff
ATOM   2453  C2    A B 216       9.188 -30.954 122.050  0.00nan0x7fffffff
ATOM   2454  N3    A B 216       8.974 -32.255 122.235  0.00nan0x7fffffff
ATOM   2455  C4    A B 216       7.942 -32.475 123.073  0.00nan0x7fffffff
ATOM   2456  O3*   A B 216       9.281 -37.344 125.532  0.00nan0x7fffffff
ATOM   2457  P     G B 217      10.453 -36.866 126.489  0.00nan0x7fffffff
ATOM   2458  O1P   G B 217      11.052 -38.134 126.992  0.00nan0x7fffffff
ATOM   2459  O2P   G B 217       9.941 -36.012 127.613  0.00nan0x7fffffff
ATOM   2460  O5*   G B 217      11.425 -36.026 125.535  0.00nan0x7fffffff
ATOM   2461  C5*   G B 217      12.441 -35.154 126.087  0.00nan0x7fffffff
ATOM   2462  C4*   G B 217      12.754 -34.097 125.054  0.00nan0x7fffffff
ATOM   2463  C3*   G B 217      13.361 -32.809 125.585  0.00nan0x7fffffff
ATOM   2464  O4*   G B 217      11.524 -33.676 124.423  0.00nan0x7fffffff
ATOM   2465  O2*   G B 217      13.915 -31.949 123.443  0.00nan0x7fffffff
ATOM   2466  C2*   G B 217      12.975 -31.809 124.498  0.00nan0x7fffffff
ATOM   2467  C1*   G B 217      11.600 -32.313 124.079  0.00nan0x7fffffff
ATOM   2468  N9    G B 217      10.577 -31.505 124.778  0.00nan0x7fffffff
ATOM   2469  C8    G B 217       9.600 -31.940 125.634  0.00nan0x7fffffff
ATOM   2470  N7    G B 217       8.843 -30.980 126.101  0.00nan0x7fffffff
ATOM   2471  C5    G B 217       9.375 -29.827 125.527  0.00nan0x7fffffff
ATOM   2472  O6    G B 217       8.060 -27.993 126.288  0.00nan0x7fffffff
ATOM   2473  C6    G B 217       8.981 -28.466 125.617  0.00nan0x7fffffff
ATOM   2474  N1    G B 217       9.745 -27.607 124.870  0.00nan0x7fffffff
ATOM   2475  N2    G B 217      11.425 -27.066 123.430  0.00nan0x7fffffff
ATOM   2476  C2    G B 217      10.781 -28.033 124.096  0.00nan0x7fffffff
ATOM   2477  N3    G B 217      11.180 -29.297 123.961  0.00nan0x7fffffff
ATOM   2478  C4    G B 217      10.429 -30.141 124.696  0.00nan0x7fffffff
ATOM   2479  O3*   G B 217      14.774 -32.879 125.791  0.00nan0x7fffffff
ATOM   2480  P     U B 218      15.474 -32.192 127.070  0.00nan0x7fffffff
ATOM   2481  O1P   U B 218      16.665 -33.050 127.307  0.00nan0x7fffffff
ATOM   2482  O2P   U B 218      14.541 -32.189 128.244  0.00nan0x7fffffff
ATOM   2483  O5*   U B 218      15.807 -30.715 126.585  0.00nan0x7fffffff
ATOM   2484  C5*   U B 218      16.488 -30.499 125.322  0.00nan0x7fffffff
ATOM   2485  C4*   U B 218      16.500 -29.009 125.084  0.00nan0x7fffffff
ATOM   2486  C3*   U B 218      16.685 -28.135 126.313  0.00nan0x7fffffff
ATOM   2487  O4*   U B 218      15.215 -28.608 124.555  0.00nan0x7fffffff
ATOM   2488  O2*   U B 218      17.018 -26.129 125.088  0.00nan0x7fffffff
ATOM   2489  C2*   U B 218      16.050 -26.822 125.863  0.00nan0x7fffffff
ATOM   2490  C1*   U B 218      14.897 -27.310 124.996  0.00nan0x7fffffff
ATOM   2491  N1    U B 218      13.660 -27.277 125.807  0.00nan0x7fffffff
ATOM   2492  C6    U B 218      13.027 -28.410 126.225  0.00nan0x7fffffff
ATOM   2493  C5    U B 218      11.903 -28.379 126.956  0.00nan0x7fffffff
ATOM   2494  O4    U B 218      10.314 -26.942 127.976  0.00nan0x7fffffff
ATOM   2495  C4    U B 218      11.367 -27.103 127.293  0.00nan0x7fffffff
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ATOM   2496  N3    U B 218      12.009 -25.977 126.866  0.00nan0x7fffffff
ATOM   2497  O2    U B 218      13.718 -25.002 125.747  0.00nan0x7fffffff
ATOM   2498  C2    U B 218      13.153 -26.027 126.123  0.00nan0x7fffffff
ATOM   2499  O3*   U B 218      18.052 -27.979 126.706  0.00nan0x7fffffff
ATOM   2500  P     A B 219      18.473 -27.937 128.259  0.00nan0x7fffffff
ATOM   2501  O1P   A B 219      19.931 -28.224 128.225  0.00nan0x7fffffff
ATOM   2502  O2P   A B 219      17.714 -28.964 129.043  0.00nan0x7fffffff
ATOM   2503  O5*   A B 219      18.100 -26.459 128.721  0.00nan0x7fffffff
ATOM   2504  C5*   A B 219      18.880 -25.329 128.253  0.00nan0x7fffffff
ATOM   2505  C4*   A B 219      18.099 -24.083 128.594  0.00nan0x7fffffff
ATOM   2506  C3*   A B 219      17.965 -23.755 130.071  0.00nan0x7fffffff
ATOM   2507  O4*   A B 219      16.735 -24.247 128.142  0.00nan0x7fffffff
ATOM   2508  O2*   A B 219      17.072 -21.584 129.714  0.00nan0x7fffffff
ATOM   2509  C2*   A B 219      16.699 -22.902 130.089  0.00nan0x7fffffff
ATOM   2510  C1*   A B 219      15.857 -23.565 129.006  0.00nan0x7fffffff
ATOM   2511  N9    A B 219      14.893 -24.473 129.661  0.00nan0x7fffffff
ATOM   2512  C8    A B 219      14.837 -25.841 129.596  0.00nan0x7fffffff
ATOM   2513  N7    A B 219      13.859 -26.364 130.293  0.00nan0x7fffffff
ATOM   2514  C5    A B 219      13.229 -25.261 130.858  0.00nan0x7fffffff
ATOM   2515  N6    A B 219      11.412 -26.199 132.158  0.00nan0x7fffffff
ATOM   2516  C6    A B 219      12.108 -25.160 131.717  0.00nan0x7fffffff
ATOM   2517  N1    A B 219      11.766 -23.886 132.076  0.00nan0x7fffffff
ATOM   2518  C2    A B 219      12.464 -22.806 131.631  0.00nan0x7fffffff
ATOM   2519  N3    A B 219      13.525 -22.832 130.827  0.00nan0x7fffffff
ATOM   2520  C4    A B 219      13.854 -24.092 130.478  0.00nan0x7fffffff
ATOM   2521  O3*   A B 219      19.099 -23.069 130.610  0.00nan0x7fffffff
ATOM   2522  P     C B 220      19.597 -23.360 132.113  0.00nan0x7fffffff
ATOM   2523  O1P   C B 220      21.071 -23.191 132.025  0.00nan0x7fffffff
ATOM   2524  O2P   C B 220      19.209 -24.740 132.546  0.00nan0x7fffffff
ATOM   2525  O5*   C B 220      18.854 -22.246 132.982  0.00nan0x7fffffff
ATOM   2526  C5*   C B 220      19.364 -20.889 133.022  0.00nan0x7fffffff
ATOM   2527  C4*   C B 220      18.245 -20.000 133.508  0.00nan0x7fffffff
ATOM   2528  C3*   C B 220      17.885 -20.109 134.979  0.00nan0x7fffffff
ATOM   2529  O4*   C B 220      17.027 -20.357 132.816  0.00nan0x7fffffff
ATOM   2530  O2*   C B 220      16.478 -18.196 134.988  0.00nan0x7fffffff
ATOM   2531  C2*   C B 220      16.440 -19.616 134.986  0.00nan0x7fffffff
ATOM   2532  C1*   C B 220      15.918 -20.150 133.659  0.00nan0x7fffffff
ATOM   2533  N1    C B 220      15.166 -21.397 133.921  0.00nan0x7fffffff
ATOM   2534  C6    C B 220      15.632 -22.625 133.553  0.00nan0x7fffffff
ATOM   2535  C5    C B 220      14.946 -23.756 133.784  0.00nan0x7fffffff
ATOM   2536  N4    C B 220      12.939 -24.709 134.703  0.00nan0x7fffffff
ATOM   2537  C4    C B 220      13.688 -23.636 134.434  0.00nan0x7fffffff
ATOM   2538  N3    C B 220      13.227 -22.406 134.796  0.00nan0x7fffffff
ATOM   2539  O2    C B 220      13.514 -20.162 134.885  0.00nan0x7fffffff
ATOM   2540  C2    C B 220      13.940 -21.266 134.553  0.00nan0x7fffffff
ATOM   2541  O3*   C B 220      18.735 -19.330 135.826  0.00nan0x7fffffff
ATOM   2542  P     G B 221      19.063 -19.827 137.318  0.00nan0x7fffffff
ATOM   2543  O1P   G B 221      20.449 -19.344 137.549  0.00nan0x7fffffff
ATOM   2544  O2P   G B 221      18.955 -21.316 137.426  0.00nan0x7fffffff
ATOM   2545  O5*   G B 221      17.954 -19.098 138.209  0.00nan0x7fffffff
ATOM   2546  C5*   G B 221      17.578 -17.728 137.917  0.00nan0x7fffffff
ATOM   2547  C4*   G B 221      16.252 -17.473 138.592  0.00nan0x7fffffff
ATOM   2548  C3*   G B 221      16.136 -17.922 140.039  0.00nan0x7fffffff
ATOM   2549  O4*   G B 221      15.224 -18.220 137.904  0.00nan0x7fffffff
ATOM   2550  O2*   G B 221      14.073 -16.814 140.429  0.00nan0x7fffffff
ATOM   2551  C2*   G B 221      14.627 -18.100 140.191  0.00nan0x7fffffff
ATOM   2552  C1*   G B 221      14.230 -18.624 138.817  0.00nan0x7fffffff
ATOM   2553  N9    G B 221      14.102 -20.094 138.899  0.00nan0x7fffffff
ATOM   2554  C8    G B 221      14.894 -21.045 138.310  0.00nan0x7fffffff
ATOM   2555  N7    G B 221      14.522 -22.273 138.568  0.00nan0x7fffffff
ATOM   2556  C5    G B 221      13.404 -22.118 139.384  0.00nan0x7fffffff
ATOM   2557  O6    G B 221      12.624 -24.301 139.928  0.00nan0x7fffffff
ATOM   2558  C6    G B 221      12.549 -23.072 139.996  0.00nan0x7fffffff
ATOM   2559  N1    G B 221      11.535 -22.526 140.740  0.00nan0x7fffffff
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ATOM   2560  N2    G B 221      10.329 -20.814 141.635  0.00nan0x7fffffff
ATOM   2561  C2    G B 221      11.368 -21.182 140.875  0.00nan0x7fffffff
ATOM   2562  N3    G B 221      12.139 -20.245 140.323  0.00nan0x7fffffff
ATOM   2563  C4    G B 221      13.136 -20.783 139.593  0.00nan0x7fffffff
ATOM   2564  O3*   G B 221      16.676 -16.986 140.975  0.00nan0x7fffffff
ATOM   2565  P     A B 222      17.464 -17.482 142.288  0.00nan0x7fffffff
ATOM   2566  O1P   A B 222      18.418 -16.373 142.554  0.00nan0x7fffffff
ATOM   2567  O2P   A B 222      18.166 -18.780 142.028  0.00nan0x7fffffff
ATOM   2568  O5*   A B 222      16.321 -17.648 143.385  0.00nan0x7fffffff
ATOM   2569  C5*   A B 222      15.399 -16.559 143.650  0.00nan0x7fffffff
ATOM   2570  C4*   A B 222      14.266 -17.131 144.468  0.00nan0x7fffffff
ATOM   2571  C3*   A B 222      14.661 -18.052 145.610  0.00nan0x7fffffff
ATOM   2572  O4*   A B 222      13.443 -17.958 143.614  0.00nan0x7fffffff
ATOM   2573  O2*   A B 222      12.492 -18.127 146.572  0.00nan0x7fffffff
ATOM   2574  C2*   A B 222      13.398 -18.891 145.788  0.00nan0x7fffffff
ATOM   2575  C1*   A B 222      12.905 -19.029 144.354  0.00nan0x7fffffff
ATOM   2576  N9    A B 222      13.335 -20.344 143.837  0.00nan0x7fffffff
ATOM   2577  C8    A B 222      14.268 -20.610 142.870  0.00nan0x7fffffff
ATOM   2578  N7    A B 222      14.424 -21.887 142.622  0.00nan0x7fffffff
ATOM   2579  C5    A B 222      13.527 -22.503 143.489  0.00nan0x7fffffff
ATOM   2580  N6    A B 222      13.794 -24.871 143.053  0.00nan0x7fffffff
ATOM   2581  C6    A B 222      13.220 -23.868 143.704  0.00nan0x7fffffff
ATOM   2582  N1    A B 222      12.266 -24.105 144.653  0.00nan0x7fffffff
ATOM   2583  C2    A B 222      11.665 -23.089 145.332  0.00nan0x7fffffff
ATOM   2584  N3    A B 222      11.907 -21.789 145.178  0.00nan0x7fffffff
ATOM   2585  C4    A B 222      12.849 -21.566 144.239  0.00nan0x7fffffff
ATOM   2586  O3*   A B 222      15.033 -17.356 146.803  0.00nan0x7fffffff
ATOM   2587  P     A B 223      16.223 -17.896 147.742  0.00nan0x7fffffff
ATOM   2588  O1P   A B 223      16.761 -16.655 148.360  0.00nan0x7fffffff
ATOM   2589  O2P   A B 223      17.257 -18.616 146.931  0.00nan0x7fffffff
ATOM   2590  O5*   A B 223      15.494 -18.879 148.762  0.00nan0x7fffffff
ATOM   2591  C5*   A B 223      14.309 -18.443 149.477  0.00nan0x7fffffff
ATOM   2592  C4*   A B 223      13.665 -19.678 150.059  0.00nan0x7fffffff
ATOM   2593  C3*   A B 223      14.603 -20.685 150.702  0.00nan0x7fffffff
ATOM   2594  O4*   A B 223      13.024 -20.418 148.995  0.00nan0x7fffffff
ATOM   2595  O2*   A B 223      12.871 -21.981 151.681  0.00nan0x7fffffff
ATOM   2596  C2*   A B 223      13.794 -21.976 150.602  0.00nan0x7fffffff
ATOM   2597  C1*   A B 223      13.081 -21.799 149.268  0.00nan0x7fffffff
ATOM   2598  N9    A B 223      13.827 -22.548 148.236  0.00nan0x7fffffff
ATOM   2599  C8    A B 223      14.563 -22.049 147.193  0.00nan0x7fffffff
ATOM   2600  N7    A B 223      15.104 -22.973 146.439  0.00nan0x7fffffff
ATOM   2601  C5    A B 223      14.691 -24.164 147.027  0.00nan0x7fffffff
ATOM   2602  N6    A B 223      15.678 -25.894 145.649  0.00nan0x7fffffff
ATOM   2603  C6    A B 223      14.941 -25.514 146.683  0.00nan0x7fffffff
ATOM   2604  N1    A B 223      14.359 -26.438 147.506  0.00nan0x7fffffff
ATOM   2605  C2    A B 223      13.599 -26.068 148.572  0.00nan0x7fffffff
ATOM   2606  N3    A B 223      13.326 -24.820 148.948  0.00nan0x7fffffff
ATOM   2607  C4    A B 223      13.903 -23.917 148.131  0.00nan0x7fffffff
ATOM   2608  O3*   A B 223      14.954 -20.359 152.050  0.00nan0x7fffffff
ATOM   2609  P     G B 224      16.433 -20.650 152.615  0.00nan0x7fffffff
ATOM   2610  O1P   G B 224      16.625 -19.588 153.636  0.00nan0x7fffffff
ATOM   2611  O2P   G B 224      17.449 -20.569 151.517  0.00nan0x7fffffff
ATOM   2612  O5*   G B 224      16.333 -22.127 153.207  0.00nan0x7fffffff
ATOM   2613  C5*   G B 224      15.245 -22.484 154.098  0.00nan0x7fffffff
ATOM   2614  C4*   G B 224      15.211 -23.991 154.174  0.00nan0x7fffffff
ATOM   2615  C3*   G B 224      16.555 -24.688 154.302  0.00nan0x7fffffff
ATOM   2616  O4*   G B 224      14.658 -24.509 152.943  0.00nan0x7fffffff
ATOM   2617  O2*   G B 224      15.632 -26.823 154.781  0.00nan0x7fffffff
ATOM   2618  C2*   G B 224      16.244 -26.074 153.741  0.00nan0x7fffffff
ATOM   2619  C1*   G B 224      15.248 -25.751 152.635  0.00nan0x7fffffff
ATOM   2620  N9    G B 224      15.971 -25.728 151.348  0.00nan0x7fffffff
ATOM   2621  C8    G B 224      16.249 -24.646 150.554  0.00nan0x7fffffff
ATOM   2622  N7    G B 224      16.905 -24.947 149.462  0.00nan0x7fffffff
ATOM   2623  C5    G B 224      17.068 -26.328 149.542  0.00nan0x7fffffff
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ATOM   2624  O6    G B 224      18.258 -27.009 147.595  0.00nan0x7fffffff
ATOM   2625  C6    G B 224      17.696 -27.251 148.665  0.00nan0x7fffffff
ATOM   2626  N1    G B 224      17.653 -28.554 149.093  0.00nan0x7fffffff
ATOM   2627  N2    G B 224      17.102 -30.233 150.530  0.00nan0x7fffffff
ATOM   2628  C2    G B 224      17.056 -28.922 150.260  0.00nan0x7fffffff
ATOM   2629  N3    G B 224      16.454 -28.098 151.116  0.00nan0x7fffffff
ATOM   2630  C4    G B 224      16.497 -26.819 150.696  0.00nan0x7fffffff
ATOM   2631  O3*   G B 224      17.048 -24.736 155.644  0.00nan0x7fffffff
ATOM   2632  P     A B 225      18.620 -24.583 155.954  0.00nan0x7fffffff
ATOM   2633  O1P   A B 225      18.643 -23.951 157.299  0.00nan0x7fffffff
ATOM   2634  O2P   A B 225      19.287 -23.732 154.918  0.00nan0x7fffffff
ATOM   2635  O5*   A B 225      19.165 -26.081 155.917  0.00nan0x7fffffff
ATOM   2636  C5*   A B 225      18.471 -27.130 156.641  0.00nan0x7fffffff
ATOM   2637  C4*   A B 225      18.982 -28.448 156.110  0.00nan0x7fffffff
ATOM   2638  C3*   A B 225      20.480 -28.541 155.872  0.00nan0x7fffffff
ATOM   2639  O4*   A B 225      18.400 -28.685 154.808  0.00nan0x7fffffff
ATOM   2640  O2*   A B 225      20.482 -30.887 155.511  0.00nan0x7fffffff
ATOM   2641  C2*   A B 225      20.562 -29.647 154.823  0.00nan0x7fffffff
ATOM   2642  C1*   A B 225      19.308 -29.393 153.997  0.00nan0x7fffffff
ATOM   2643  N9    A B 225      19.692 -28.639 152.787  0.00nan0x7fffffff
ATOM   2644  C8    A B 225      19.409 -27.335 152.475  0.00nan0x7fffffff
ATOM   2645  N7    A B 225      19.884 -26.953 151.316  0.00nan0x7fffffff
ATOM   2646  C5    A B 225      20.524 -28.089 150.830  0.00nan0x7fffffff
ATOM   2647  N6    A B 225      21.415 -27.411 148.682  0.00nan0x7fffffff
ATOM   2648  C6    A B 225      21.231 -28.323 149.627  0.00nan0x7fffffff
ATOM   2649  N1    A B 225      21.733 -29.587 149.487  0.00nan0x7fffffff
ATOM   2650  C2    A B 225      21.556 -30.537 150.445  0.00nan0x7fffffff
ATOM   2651  N3    A B 225      20.903 -30.382 151.595  0.00nan0x7fffffff
ATOM   2652  C4    A B 225      20.411 -29.133 151.724  0.00nan0x7fffffff
ATOM   2653  O3*   A B 225      21.226 -28.847 157.054  0.00nan0x7fffffff
ATOM   2654  P     A B 226      22.675 -28.195 157.311  0.00nan0x7fffffff
ATOM   2655  O1P   A B 226      22.752 -28.105 158.792  0.00nan0x7fffffff
ATOM   2656  O2P   A B 226      22.781 -26.852 156.656  0.00nan0x7fffffff
ATOM   2657  O5*   A B 226      23.686 -29.242 156.659  0.00nan0x7fffffff
ATOM   2658  C5*   A B 226      23.554 -30.658 156.945  0.00nan0x7fffffff
ATOM   2659  C4*   A B 226      24.368 -31.398 155.911  0.00nan0x7fffffff
ATOM   2660  C3*   A B 226      25.724 -30.803 155.572  0.00nan0x7fffffff
ATOM   2661  O4*   A B 226      23.651 -31.387 154.655  0.00nan0x7fffffff
ATOM   2662  O2*   A B 226      26.461 -32.679 154.318  0.00nan0x7fffffff
ATOM   2663  C2*   A B 226      25.967 -31.356 154.169  0.00nan0x7fffffff
ATOM   2664  C1*   A B 226      24.562 -31.356 153.582  0.00nan0x7fffffff
ATOM   2665  N9    A B 226      24.407 -30.149 152.744  0.00nan0x7fffffff
ATOM   2666  C8    A B 226      23.634 -29.043 152.987  0.00nan0x7fffffff
ATOM   2667  N7    A B 226      23.700 -28.134 152.045  0.00nan0x7fffffff
ATOM   2668  C5    A B 226      24.576 -28.686 151.115  0.00nan0x7fffffff
ATOM   2669  N6    A B 226      24.718 -27.025 149.357  0.00nan0x7fffffff
ATOM   2670  C6    A B 226      25.057 -28.197 149.877  0.00nan0x7fffffff
ATOM   2671  N1    A B 226      25.921 -29.029 149.222  0.00nan0x7fffffff
ATOM   2672  C2    A B 226      26.282 -30.236 149.739  0.00nan0x7fffffff
ATOM   2673  N3    A B 226      25.867 -30.752 150.893  0.00nan0x7fffffff
ATOM   2674  C4    A B 226      25.015 -29.925 151.531  0.00nan0x7fffffff
ATOM   2675  O3*   A B 226      26.755 -31.167 156.494  0.00nan0x7fffffff
ATOM   2676  P     G B 227      27.908 -30.120 156.900  0.00nan0x7fffffff
ATOM   2677  O1P   G B 227      28.250 -30.510 158.293  0.00nan0x7fffffff
ATOM   2678  O2P   G B 227      27.403 -28.712 156.815  0.00nan0x7fffffff
ATOM   2679  O5*   G B 227      29.063 -30.390 155.835  0.00nan0x7fffffff
ATOM   2680  C5*   G B 227      29.493 -31.746 155.552  0.00nan0x7fffffff
ATOM   2681  C4*   G B 227      30.279 -31.704 154.263  0.00nan0x7fffffff
ATOM   2682  C3*   G B 227      31.244 -30.542 154.103  0.00nan0x7fffffff
ATOM   2683  O4*   G B 227      29.357 -31.555 153.159  0.00nan0x7fffffff
ATOM   2684  O2*   G B 227      32.304 -31.424 152.171  0.00nan0x7fffffff
ATOM   2685  C2*   G B 227      31.365 -30.442 152.584  0.00nan0x7fffffff
ATOM   2686  C1*   G B 227      29.957 -30.802 152.131  0.00nan0x7fffffff
ATOM   2687  N9    G B 227      29.224 -29.551 151.848  0.00nan0x7fffffff
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ATOM   2688  C8    G B 227      28.185 -29.003 152.553  0.00nan0x7fffffff
ATOM   2689  N7    G B 227      27.736 -27.882 152.046  0.00nan0x7fffffff
ATOM   2690  C5    G B 227      28.537 -27.681 150.924  0.00nan0x7fffffff
ATOM   2691  O6    G B 227      27.816 -25.655 149.901  0.00nan0x7fffffff
ATOM   2692  C6    G B 227      28.549 -26.645 149.954  0.00nan0x7fffffff
ATOM   2693  N1    G B 227      29.503 -26.796 148.979  0.00nan0x7fffffff
ATOM   2694  N2    G B 227      31.228 -27.851 147.932  0.00nan0x7fffffff
ATOM   2695  C2    G B 227      30.359 -27.854 148.950  0.00nan0x7fffffff
ATOM   2696  N3    G B 227      30.389 -28.851 149.833  0.00nan0x7fffffff
ATOM   2697  C4    G B 227      29.453 -28.701 150.791  0.00nan0x7fffffff
ATOM   2698  O3*   G B 227      32.505 -30.755 154.743  0.00nan0x7fffffff
ATOM   2699  P     A B 228      33.286 -29.541 155.457  0.00nan0x7fffffff
ATOM   2700  O1P   A B 228      34.035 -30.212 156.551  0.00nan0x7fffffff
ATOM   2701  O2P   A B 228      32.321 -28.519 155.976  0.00nan0x7fffffff
ATOM   2702  O5*   A B 228      34.202 -28.941 154.298  0.00nan0x7fffffff
ATOM   2703  C5*   A B 228      35.010 -29.822 153.476  0.00nan0x7fffffff
ATOM   2704  C4*   A B 228      35.440 -29.029 152.266  0.00nan0x7fffffff
ATOM   2705  C3*   A B 228      35.886 -27.600 152.523  0.00nan0x7fffffff
ATOM   2706  O4*   A B 228      34.313 -28.893 151.371  0.00nan0x7fffffff
ATOM   2707  O2*   A B 228      36.752 -27.261 150.339  0.00nan0x7fffffff
ATOM   2708  C2*   A B 228      35.641 -26.945 151.166  0.00nan0x7fffffff
ATOM   2709  C1*   A B 228      34.383 -27.660 150.693  0.00nan0x7fffffff
ATOM   2710  N9    A B 228      33.220 -26.794 150.977  0.00nan0x7fffffff
ATOM   2711  C8    A B 228      32.231 -26.982 151.907  0.00nan0x7fffffff
ATOM   2712  N7    A B 228      31.326 -26.034 151.915  0.00nan0x7fffffff
ATOM   2713  C5    A B 228      31.750 -25.164 150.915  0.00nan0x7fffffff
ATOM   2714  N6    A B 228      30.093 -23.397 150.907  0.00nan0x7fffffff
ATOM   2715  C6    A B 228      31.202 -23.950 150.436  0.00nan0x7fffffff
ATOM   2716  N1    A B 228      31.905 -23.357 149.425  0.00nan0x7fffffff
ATOM   2717  C2    A B 228      33.047 -23.908 148.928  0.00nan0x7fffffff
ATOM   2718  N3    A B 228      33.613 -25.043 149.333  0.00nan0x7fffffff
ATOM   2719  C4    A B 228      32.913 -25.619 150.331  0.00nan0x7fffffff
ATOM   2720  O3*   A B 228      37.248 -27.494 152.947  0.00nan0x7fffffff
ATOM   2721  P     U B 229      37.693 -26.395 154.036  0.00nan0x7fffffff
ATOM   2722  O1P   U B 229      38.831 -27.046 154.735  0.00nan0x7fffffff
ATOM   2723  O2P   U B 229      36.562 -26.079 154.967  0.00nan0x7fffffff
ATOM   2724  O5*   U B 229      38.095 -25.126 153.157  0.00nan0x7fffffff
ATOM   2725  C5*   U B 229      38.981 -25.278 152.018  0.00nan0x7fffffff
ATOM   2726  C4*   U B 229      38.858 -24.022 151.190  0.00nan0x7fffffff
ATOM   2727  C3*   U B 229      38.826 -22.712 151.958  0.00nan0x7fffffff
ATOM   2728  O4*   U B 229      37.598 -24.050 150.482  0.00nan0x7fffffff
ATOM   2729  O2*   U B 229      39.064 -21.343 150.033  0.00nan0x7fffffff
ATOM   2730  C2*   U B 229      38.103 -21.792 150.977  0.00nan0x7fffffff
ATOM   2731  C1*   U B 229      37.101 -22.741 150.334  0.00nan0x7fffffff
ATOM   2732  N1    U B 229      35.793 -22.556 151.001  0.00nan0x7fffffff
ATOM   2733  C6    U B 229      35.245 -23.504 151.814  0.00nan0x7fffffff
ATOM   2734  C5    U B 229      34.057 -23.337 152.415  0.00nan0x7fffffff
ATOM   2735  O4    U B 229      32.233 -21.844 152.684  0.00nan0x7fffffff
ATOM   2736  C4    U B 229      33.359 -22.118 152.176  0.00nan0x7fffffff
ATOM   2737  N3    U B 229      33.918 -21.181 151.358  0.00nan0x7fffffff
ATOM   2738  O2    U B 229      35.616 -20.510 150.020  0.00nan0x7fffffff
ATOM   2739  C2    U B 229      35.129 -21.366 150.755  0.00nan0x7fffffff
ATOM   2740  O3*   U B 229      40.123 -22.226 152.314  0.00nan0x7fffffff
ATOM   2741  P     U B 230      40.369 -21.479 153.719  0.00nan0x7fffffff
ATOM   2742  O1P   U B 230      41.783 -21.808 154.039  0.00nan0x7fffffff
ATOM   2743  O2P   U B 230      39.421 -21.983 154.764  0.00nan0x7fffffff
ATOM   2744  O5*   U B 230      40.106 -19.942 153.387  0.00nan0x7fffffff
ATOM   2745  C5*   U B 230      40.731 -19.328 152.231  0.00nan0x7fffffff
ATOM   2746  C4*   U B 230      40.009 -18.027 151.974  0.00nan0x7fffffff
ATOM   2747  C3*   U B 230      39.686 -17.186 153.197  0.00nan0x7fffffff
ATOM   2748  O4*   U B 230      38.718 -18.316 151.391  0.00nan0x7fffffff
ATOM   2749  O2*   U B 230      39.025 -15.272 151.957  0.00nan0x7fffffff
ATOM   2750  C2*   U B 230      38.500 -16.360 152.704  0.00nan0x7fffffff
ATOM   2751  C1*   U B 230      37.779 -17.351 151.801  0.00nan0x7fffffff
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ATOM   2752  N1    U B 230      36.658 -17.944 152.564  0.00nan0x7fffffff
ATOM   2753  C6    U B 230      36.655 -19.246 152.969  0.00nan0x7fffffff
ATOM   2754  C5    U B 230      35.637 -19.784 153.657  0.00nan0x7fffffff
ATOM   2755  O4    U B 230      33.508 -19.335 154.603  0.00nan0x7fffffff
ATOM   2756  C4    U B 230      34.527 -18.944 153.962  0.00nan0x7fffffff
ATOM   2757  N3    U B 230      34.542 -17.645 153.549  0.00nan0x7fffffff
ATOM   2758  O2    U B 230      35.583 -15.939 152.485  0.00nan0x7fffffff
ATOM   2759  C2    U B 230      35.587 -17.112 152.849  0.00nan0x7fffffff
ATOM   2760  O3*   U B 230      40.778 -16.373 153.636  0.00nan0x7fffffff
ATOM   2761  P     A B 231      41.041 -16.115 155.203  0.00nan0x7fffffff
ATOM   2762  O1P   A B 231      42.512 -15.918 155.275  0.00nan0x7fffffff
ATOM   2763  O2P   A B 231      40.586 -17.287 156.019  0.00nan0x7fffffff
ATOM   2764  O5*   A B 231      40.182 -14.812 155.527  0.00nan0x7fffffff
ATOM   2765  C5*   A B 231      40.281 -13.642 154.674  0.00nan0x7fffffff
ATOM   2766  C4*   A B 231      39.108 -12.751 155.007  0.00nan0x7fffffff
ATOM   2767  C3*   A B 231      38.783 -12.591 156.482  0.00nan0x7fffffff
ATOM   2768  O4*   A B 231      37.909 -13.325 154.439  0.00nan0x7fffffff
ATOM   2769  O2*   A B 231      37.235 -10.821 156.159  0.00nan0x7fffffff
ATOM   2770  C2*   A B 231      37.305 -12.211 156.438  0.00nan0x7fffffff
ATOM   2771  C1*   A B 231      36.802 -13.036 155.261  0.00nan0x7fffffff
ATOM   2772  N9    A B 231      36.156 -14.255 155.787  0.00nan0x7fffffff
ATOM   2773  C8    A B 231      36.594 -15.551 155.702  0.00nan0x7fffffff
ATOM   2774  N7    A B 231      35.791 -16.420 156.264  0.00nan0x7fffffff
ATOM   2775  C5    A B 231      34.748 -15.638 156.750  0.00nan0x7fffffff
ATOM   2776  N6    A B 231      33.242 -17.220 157.798  0.00nan0x7fffffff
ATOM   2777  C6    A B 231      33.569 -15.981 157.456  0.00nan0x7fffffff
ATOM   2778  N1    A B 231      32.759 -14.928 157.777  0.00nan0x7fffffff
ATOM   2779  C2    A B 231      33.077 -13.650 157.435  0.00nan0x7fffffff
ATOM   2780  N3    A B 231      34.166 -13.261 156.774  0.00nan0x7fffffff
ATOM   2781  C4    A B 231      34.958 -14.306 156.462  0.00nan0x7fffffff
ATOM   2782  O3*   A B 231      39.585 -11.606 157.140  0.00nan0x7fffffff
ATOM   2783  P     C B 232      40.072 -11.817 158.660  0.00nan0x7fffffff
ATOM   2784  O1P   C B 232      41.378 -11.108 158.702  0.00nan0x7fffffff
ATOM   2785  O2P   C B 232      40.209 -13.274 158.978  0.00nan0x7fffffff
ATOM   2786  O5*   C B 232      38.921 -11.136 159.528  0.00nan0x7fffffff
ATOM   2787  C5*   C B 232      38.451  -9.803 159.201  0.00nan0x7fffffff
ATOM   2788  C4*   C B 232      37.140  -9.606 159.924  0.00nan0x7fffffff
ATOM   2789  C3*   C B 232      37.084 -10.095 161.361  0.00nan0x7fffffff
ATOM   2790  O4*   C B 232      36.114 -10.369 159.249  0.00nan0x7fffffff
ATOM   2791  O2*   C B 232      35.001  -9.066 161.846  0.00nan0x7fffffff
ATOM   2792  C2*   C B 232      35.588 -10.326 161.556  0.00nan0x7fffffff
ATOM   2793  C1*   C B 232      35.165 -10.828 160.182  0.00nan0x7fffffff
ATOM   2794  N1    C B 232      35.091 -12.305 160.229  0.00nan0x7fffffff
ATOM   2795  C6    C B 232      35.984 -13.104 159.578  0.00nan0x7fffffff
ATOM   2796  C5    C B 232      35.914 -14.444 159.618  0.00nan0x7fffffff
ATOM   2797  N4    C B 232      34.714 -16.347 160.464  0.00nan0x7fffffff
ATOM   2798  C4    C B 232      34.857 -15.022 160.372  0.00nan0x7fffffff
ATOM   2799  N3    C B 232      33.968 -14.218 161.018  0.00nan0x7fffffff
ATOM   2800  O2    C B 232      33.246 -12.139 161.553  0.00nan0x7fffffff
ATOM   2801  C2    C B 232      34.055 -12.855 160.967  0.00nan0x7fffffff
ATOM   2802  O3*   C B 232      37.624  -9.163 162.302  0.00nan0x7fffffff
ATOM   2803  P     C B 233      38.453  -9.670 163.586  0.00nan0x7fffffff
ATOM   2804  O1P   C B 233      39.407  -8.559 163.838  0.00nan0x7fffffff
ATOM   2805  O2P   C B 233      39.153 -10.962 163.294  0.00nan0x7fffffff
ATOM   2806  O5*   C B 233      37.339  -9.853 164.712  0.00nan0x7fffffff
ATOM   2807  C5*   C B 233      36.390  -8.788 164.979  0.00nan0x7fffffff
ATOM   2808  C4*   C B 233      35.270  -9.388 165.794  0.00nan0x7fffffff
ATOM   2809  C3*   C B 233      35.683 -10.318 166.922  0.00nan0x7fffffff
ATOM   2810  O4*   C B 233      34.455 -10.215 164.932  0.00nan0x7fffffff
ATOM   2811  O2*   C B 233      33.518 -10.436 167.891  0.00nan0x7fffffff
ATOM   2812  C2*   C B 233      34.431 -11.177 167.094  0.00nan0x7fffffff
ATOM   2813  C1*   C B 233      33.935 -11.302 165.660  0.00nan0x7fffffff
ATOM   2814  N1    C B 233      34.386 -12.606 165.125  0.00nan0x7fffffff
ATOM   2815  C6    C B 233      35.335 -12.709 164.151  0.00nan0x7fffffff
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ATOM   2816  C5    C B 233      35.741 -13.891 163.662  0.00nan0x7fffffff
ATOM   2817  N4    C B 233      35.483 -16.279 163.768  0.00nan0x7fffffff
ATOM   2818  C4    C B 233      35.138 -15.062 164.197  0.00nan0x7fffffff
ATOM   2819  N3    C B 233      34.189 -14.951 165.167  0.00nan0x7fffffff
ATOM   2820  O2    C B 233      32.931 -13.651 166.529  0.00nan0x7fffffff
ATOM   2821  C2    C B 233      33.788 -13.739 165.653  0.00nan0x7fffffff
ATOM   2822  O3*   C B 233      36.050  -9.634 168.123  0.00nan0x7fffffff
ATOM   2823  P     G B 234      37.249 -10.174 169.050  0.00nan0x7fffffff
ATOM   2824  O1P   G B 234      37.781  -8.936 169.678  0.00nan0x7fffffff
ATOM   2825  O2P   G B 234      38.283 -10.880 168.227  0.00nan0x7fffffff
ATOM   2826  O5*   G B 234      36.530 -11.173 170.064  0.00nan0x7fffffff
ATOM   2827  C5*   G B 234      35.342 -10.752 170.782  0.00nan0x7fffffff
ATOM   2828  C4*   G B 234      34.706 -11.997 171.353  0.00nan0x7fffffff
ATOM   2829  C3*   G B 234      35.650 -13.002 171.989  0.00nan0x7fffffff
ATOM   2830  O4*   G B 234      34.072 -12.733 170.282  0.00nan0x7fffffff
ATOM   2831  O2*   G B 234      33.926 -14.317 172.955  0.00nan0x7fffffff
ATOM   2832  C2*   G B 234      34.850 -14.298 171.877  0.00nan0x7fffffff
ATOM   2833  C1*   G B 234      34.137 -14.115 170.544  0.00nan0x7fffffff
ATOM   2834  N9    G B 234      34.889 -14.851 169.508  0.00nan0x7fffffff
ATOM   2835  C8    G B 234      35.626 -14.337 168.473  0.00nan0x7fffffff
ATOM   2836  N7    G B 234      36.175 -15.249 167.712  0.00nan0x7fffffff
ATOM   2837  C5    G B 234      35.765 -16.451 168.285  0.00nan0x7fffffff
ATOM   2838  O6    G B 234      36.705 -18.207 166.980  0.00nan0x7fffffff
ATOM   2839  C6    G B 234      36.026 -17.799 167.924  0.00nan0x7fffffff
ATOM   2840  N1    G B 234      35.438 -18.726 168.746  0.00nan0x7fffffff
ATOM   2841  N2    G B 234      34.172 -19.403 170.513  0.00nan0x7fffffff
ATOM   2842  C2    G B 234      34.671 -18.376 169.815  0.00nan0x7fffffff
ATOM   2843  N3    G B 234      34.396 -17.129 170.196  0.00nan0x7fffffff
ATOM   2844  C4    G B 234      34.974 -16.219 169.388  0.00nan0x7fffffff
ATOM   2845  O3*   G B 234      35.998 -12.685 173.340  0.00nan0x7fffffff
ATOM   2846  P     G B 235      37.478 -12.972 173.902  0.00nan0x7fffffff
ATOM   2847  O1P   G B 235      37.662 -11.919 174.935  0.00nan0x7fffffff
ATOM   2848  O2P   G B 235      38.494 -12.872 172.805  0.00nan0x7fffffff
ATOM   2849  O5*   G B 235      37.388 -14.456 174.479  0.00nan0x7fffffff
ATOM   2850  C5*   G B 235      36.348 -14.809 175.426  0.00nan0x7fffffff
ATOM   2851  C4*   G B 235      36.294 -16.317 175.482  0.00nan0x7fffffff
ATOM   2852  C3*   G B 235      37.629 -17.033 175.596  0.00nan0x7fffffff
ATOM   2853  O4*   G B 235      35.731 -16.811 174.245  0.00nan0x7fffffff
ATOM   2854  O2*   G B 235      36.679 -19.162 176.048  0.00nan0x7fffffff
ATOM   2855  C2*   G B 235      37.298 -18.407 175.017  0.00nan0x7fffffff
ATOM   2856  C1*   G B 235      36.303 -18.056 173.919  0.00nan0x7fffffff
ATOM   2857  N9    G B 235      37.024 -18.024 172.630  0.00nan0x7fffffff
ATOM   2858  C8    G B 235      37.301 -16.937 171.842  0.00nan0x7fffffff
ATOM   2859  N7    G B 235      37.956 -17.231 170.748  0.00nan0x7fffffff
ATOM   2860  C5    G B 235      38.119 -18.613 170.819  0.00nan0x7fffffff
ATOM   2861  O6    G B 235      39.308 -19.281 168.867  0.00nan0x7fffffff
ATOM   2862  C6    G B 235      38.748 -19.530 169.937  0.00nan0x7fffffff
ATOM   2863  N1    G B 235      38.706 -20.836 170.357  0.00nan0x7fffffff
ATOM   2864  N2    G B 235      38.158 -22.523 171.784  0.00nan0x7fffffff
ATOM   2865  C2    G B 235      38.111 -21.211 171.522  0.00nan0x7fffffff
ATOM   2866  N3    G B 235      37.508 -20.392 172.384  0.00nan0x7fffffff
ATOM   2867  C4    G B 235      37.550 -19.111 171.971  0.00nan0x7fffffff
ATOM   2868  O3*   G B 235      38.126 -17.106 176.935  0.00nan0x7fffffff
ATOM   2869  P     G B 236      39.701 -16.971 177.242  0.00nan0x7fffffff
ATOM   2870  O1P   G B 236      39.734 -16.384 178.607  0.00nan0x7fffffff
ATOM   2871  O2P   G B 236      40.367 -16.088 176.231  0.00nan0x7fffffff
ATOM   2872  O5*   G B 236      40.240 -18.468 177.153  0.00nan0x7fffffff
ATOM   2873  C5*   G B 236      39.631 -19.512 177.955  0.00nan0x7fffffff
ATOM   2874  C4*   G B 236      40.104 -20.832 177.396  0.00nan0x7fffffff
ATOM   2875  C3*   G B 236      41.594 -20.953 177.125  0.00nan0x7fffffff
ATOM   2876  O4*   G B 236      39.491 -21.039 176.102  0.00nan0x7fffffff
ATOM   2877  O2*   G B 236      41.538 -23.294 176.734  0.00nan0x7fffffff
ATOM   2878  C2*   G B 236      41.631 -22.047 176.061  0.00nan0x7fffffff
ATOM   2879  C1*   G B 236      40.367 -21.755 175.264  0.00nan0x7fffffff
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ATOM   2880  N9    G B 236      40.746 -20.989 174.059  0.00nan0x7fffffff
ATOM   2881  C8    G B 236      40.460 -19.681 173.764  0.00nan0x7fffffff
ATOM   2882  N7    G B 236      40.935 -19.285 172.611  0.00nan0x7fffffff
ATOM   2883  C5    G B 236      41.580 -20.413 172.110  0.00nan0x7fffffff
ATOM   2884  O6    G B 236      42.496 -19.818 169.994  0.00nan0x7fffffff
ATOM   2885  C6    G B 236      42.291 -20.629 170.900  0.00nan0x7fffffff
ATOM   2886  N1    G B 236      42.792 -21.898 170.760  0.00nan0x7fffffff
ATOM   2887  N2    G B 236      43.172 -24.046 171.411  0.00nan0x7fffffff
ATOM   2888  C2    G B 236      42.619 -22.863 171.704  0.00nan0x7fffffff
ATOM   2889  N3    G B 236      41.962 -22.714 172.854  0.00nan0x7fffffff
ATOM   2890  C4    G B 236      41.470 -21.467 172.991  0.00nan0x7fffffff
ATOM   2891  O3*   G B 236      42.363 -21.286 178.285  0.00nan0x7fffffff
ATOM   2892  P     G B 237      43.826 -20.654 178.516  0.00nan0x7fffffff
ATOM   2893  O1P   G B 237      44.009 -20.748 179.988  0.00nan0x7fffffff
ATOM   2894  O2P   G B 237      43.876 -19.238 178.029  0.00nan0x7fffffff
ATOM   2895  O5*   G B 237      44.790 -21.597 177.667  0.00nan0x7fffffff
ATOM   2896  C5*   G B 237      45.158 -22.906 178.173  0.00nan0x7fffffff
ATOM   2897  C4*   G B 237      45.777 -23.667 177.026  0.00nan0x7fffffff
ATOM   2898  C3*   G B 237      47.110 -23.147 176.515  0.00nan0x7fffffff
ATOM   2899  O4*   G B 237      44.898 -23.585 175.881  0.00nan0x7fffffff
ATOM   2900  O2*   G B 237      47.545 -25.044 175.155  0.00nan0x7fffffff
ATOM   2901  C2*   G B 237      47.124 -23.690 175.089  0.00nan0x7fffffff
ATOM   2902  C1*   G B 237      45.656 -23.590 174.695  0.00nan0x7fffffff
ATOM   2903  N9    G B 237      45.471 -22.360 173.897  0.00nan0x7fffffff
ATOM   2904  C8    G B 237      44.675 -21.281 174.179  0.00nan0x7fffffff
ATOM   2905  N7    G B 237      44.718 -20.342 173.269  0.00nan0x7fffffff
ATOM   2906  C5    G B 237      45.604 -20.840 172.318  0.00nan0x7fffffff
ATOM   2907  O6    G B 237      45.772 -19.210 170.590  0.00nan0x7fffffff
ATOM   2908  C6    G B 237      46.071 -20.296 171.092  0.00nan0x7fffffff
ATOM   2909  N1    G B 237      46.955 -21.099 170.418  0.00nan0x7fffffff
ATOM   2910  N2    G B 237      48.215 -22.971 170.111  0.00nan0x7fffffff
ATOM   2911  C2    G B 237      47.347 -22.314 170.890  0.00nan0x7fffffff
ATOM   2912  N3    G B 237      46.940 -22.871 172.031  0.00nan0x7fffffff
ATOM   2913  C4    G B 237      46.072 -22.081 172.693  0.00nan0x7fffffff
ATOM   2914  O3*   G B 237      48.191 -23.595 177.331  0.00nan0x7fffffff
ATOM   2915  P     C B 238      49.698 -23.743 176.879  0.00nan0x7fffffff
ATOM   2916  O1P   C B 238      50.482 -23.344 178.084  0.00nan0x7fffffff
ATOM   2917  O2P   C B 238      50.019 -22.859 175.705  0.00nan0x7fffffff
ATOM   2918  O5*   C B 238      49.863 -25.281 176.486  0.00nan0x7fffffff
ATOM   2919  C5*   C B 238      48.950 -26.263 177.041  0.00nan0x7fffffff
ATOM   2920  C4*   C B 238      49.193 -27.557 176.304  0.00nan0x7fffffff
ATOM   2921  C3*   C B 238      50.494 -27.660 175.527  0.00nan0x7fffffff
ATOM   2922  O4*   C B 238      48.166 -27.730 175.301  0.00nan0x7fffffff
ATOM   2923  O2*   C B 238      50.296 -29.990 175.117  0.00nan0x7fffffff
ATOM   2924  C2*   C B 238      50.152 -28.725 174.487  0.00nan0x7fffffff
ATOM   2925  C1*   C B 238      48.690 -28.420 174.192  0.00nan0x7fffffff
ATOM   2926  N1    C B 238      48.626 -27.624 172.946  0.00nan0x7fffffff
ATOM   2927  C6    C B 238      48.223 -26.321 172.928  0.00nan0x7fffffff
ATOM   2928  C5    C B 238      48.166 -25.600 171.797  0.00nan0x7fffffff
ATOM   2929  N4    C B 238      48.520 -25.603 169.419  0.00nan0x7fffffff
ATOM   2930  C4    C B 238      48.546 -26.246 170.589  0.00nan0x7fffffff
ATOM   2931  N3    C B 238      48.947 -27.547 170.615  0.00nan0x7fffffff
ATOM   2932  O2    C B 238      49.363 -29.440 171.787  0.00nan0x7fffffff
ATOM   2933  C2    C B 238      48.999 -28.266 171.776  0.00nan0x7fffffff
ATOM   2934  O3*   C B 238      51.620 -28.018 176.333  0.00nan0x7fffffff
ATOM   2935  P     C B 239      53.069 -27.364 176.072  0.00nan0x7fffffff
ATOM   2936  O1P   C B 239      53.748 -27.506 177.387  0.00nan0x7fffffff
ATOM   2937  O2P   C B 239      52.937 -25.930 175.658  0.00nan0x7fffffff
ATOM   2938  O5*   C B 239      53.690 -28.253 174.906  0.00nan0x7fffffff
ATOM   2939  C5*   C B 239      53.693 -29.699 175.023  0.00nan0x7fffffff
ATOM   2940  C4*   C B 239      54.147 -30.245 173.691  0.00nan0x7fffffff
ATOM   2941  C3*   C B 239      55.306 -29.523 173.026  0.00nan0x7fffffff
ATOM   2942  O4*   C B 239      53.064 -30.128 172.740  0.00nan0x7fffffff
ATOM   2943  O2*   C B 239      55.646 -31.184 171.363  0.00nan0x7fffffff
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ATOM   2944  C2*   C B 239      55.100 -29.887 171.558  0.00nan0x7fffffff
ATOM   2945  C1*   C B 239      53.581 -29.907 171.449  0.00nan0x7fffffff
ATOM   2946  N1    C B 239      53.143 -28.614 170.879  0.00nan0x7fffffff
ATOM   2947  C6    C B 239      52.446 -27.692 171.603  0.00nan0x7fffffff
ATOM   2948  C5    C B 239      52.051 -26.518 171.085  0.00nan0x7fffffff
ATOM   2949  N4    C B 239      52.035 -25.111 169.136  0.00nan0x7fffffff
ATOM   2950  C4    C B 239      52.389 -26.254 169.730  0.00nan0x7fffffff
ATOM   2951  N3    C B 239      53.086 -27.178 169.014  0.00nan0x7fffffff
ATOM   2952  O2    C B 239      54.110 -29.195 168.901  0.00nan0x7fffffff
ATOM   2953  C2    C B 239      53.480 -28.368 169.557  0.00nan0x7fffffff
ATOM   2954  O3*   C B 239      56.589 -29.921 173.517  0.00nan0x7fffffff
ATOM   2955  P     C B 240      57.778 -28.845 173.675  0.00nan0x7fffffff
ATOM   2956  O1P   C B 240      58.246 -29.055 175.070  0.00nan0x7fffffff
ATOM   2957  O2P   C B 240      57.270 -27.454 173.451  0.00nan0x7fffffff
ATOM   2958  O5*   C B 240      58.829 -29.269 172.553  0.00nan0x7fffffff
ATOM   2959  C5*   C B 240      59.222 -30.660 172.424  0.00nan0x7fffffff
ATOM   2960  C4*   C B 240      59.967 -30.792 171.119  0.00nan0x7fffffff
ATOM   2961  C3*   C B 240      60.860 -29.628 170.728  0.00nan0x7fffffff
ATOM   2962  O4*   C B 240      59.012 -30.884 170.037  0.00nan0x7fffffff
ATOM   2963  O2*   C B 240      61.923 -30.783 168.946  0.00nan0x7fffffff
ATOM   2964  C2*   C B 240      60.942 -29.791 169.212  0.00nan0x7fffffff
ATOM   2965  C1*   C B 240      59.545 -30.295 168.875  0.00nan0x7fffffff
ATOM   2966  N1    C B 240      58.741 -29.146 168.402  0.00nan0x7fffffff
ATOM   2967  C6    C B 240      57.734 -28.601 169.144  0.00nan0x7fffffff
ATOM   2968  C5    C B 240      57.004 -27.560 168.713  0.00nan0x7fffffff
ATOM   2969  N4    C B 240      56.639 -25.993 166.927  0.00nan0x7fffffff
ATOM   2970  C4    C B 240      57.315 -27.028 167.432  0.00nan0x7fffffff
ATOM   2971  N3    C B 240      58.321 -27.578 166.698  0.00nan0x7fffffff
ATOM   2972  O2    C B 240      59.960 -29.125 166.480  0.00nan0x7fffffff
ATOM   2973  C2    C B 240      59.054 -28.637 167.152  0.00nan0x7fffffff
ATOM   2974  O3*   C B 240      62.145 -29.662 171.356  0.00nan0x7fffffff
ATOM   2975  P     A B 241      62.890 -28.288 171.738  0.00nan0x7fffffff
ATOM   2976  O1P   A B 241      63.443 -28.558 173.090  0.00nan0x7fffffff
ATOM   2977  O2P   A B 241      61.932 -27.138 171.732  0.00nan0x7fffffff
ATOM   2978  O5*   A B 241      63.994 -28.132 170.592  0.00nan0x7fffffff
ATOM   2979  C5*   A B 241      64.849 -29.255 170.260  0.00nan0x7fffffff
ATOM   2980  C4*   A B 241      65.439 -28.989 168.897  0.00nan0x7fffffff
ATOM   2981  C3*   A B 241      66.017 -27.605 168.665  0.00nan0x7fffffff
ATOM   2982  O4*   A B 241      64.399 -29.110 167.900  0.00nan0x7fffffff
ATOM   2983  O2*   A B 241      67.070 -28.166 166.613  0.00nan0x7fffffff
ATOM   2984  C2*   A B 241      65.944 -27.484 167.145  0.00nan0x7fffffff
ATOM   2985  C1*   A B 241      64.652 -28.227 166.833  0.00nan0x7fffffff
ATOM   2986  N9    A B 241      63.575 -27.233 166.651  0.00nan0x7fffffff
ATOM   2987  C8    A B 241      62.485 -27.006 167.450  0.00nan0x7fffffff
ATOM   2988  N7    A B 241      61.698 -26.054 167.014  0.00nan0x7fffffff
ATOM   2989  C5    A B 241      62.314 -25.626 165.842  0.00nan0x7fffffff
ATOM   2990  N6    A B 241      60.878 -23.861 165.012  0.00nan0x7fffffff
ATOM   2991  C6    A B 241      61.958 -24.624 164.908  0.00nan0x7fffffff
ATOM   2992  N1    A B 241      62.819 -24.480 163.857  0.00nan0x7fffffff
ATOM   2993  C2    A B 241      63.932 -25.254 163.732  0.00nan0x7fffffff
ATOM   2994  N3    A B 241      64.322 -26.210 164.572  0.00nan0x7fffffff
ATOM   2995  C4    A B 241      63.468 -26.344 165.607  0.00nan0x7fffffff
ATOM   2996  O3*   A B 241      67.348 -27.464 169.169  0.00nan0x7fffffff
ATOM   2997  P     C B 242      67.867 -26.022 169.647  0.00nan0x7fffffff
ATOM   2998  O1P   C B 242      68.709 -26.325 170.831  0.00nan0x7fffffff
ATOM   2999  O2P   C B 242      66.725 -25.112 169.970  0.00nan0x7fffffff
ATOM   3000  O5*   C B 242      68.688 -25.492 168.375  0.00nan0x7fffffff
ATOM   3001  C5*   C B 242      69.818 -26.250 167.874  0.00nan0x7fffffff
ATOM   3002  C4*   C B 242      70.005 -25.893 166.419  0.00nan0x7fffffff
ATOM   3003  C3*   C B 242      70.392 -24.457 166.118  0.00nan0x7fffffff
ATOM   3004  O4*   C B 242      68.749 -26.076 165.726  0.00nan0x7fffffff
ATOM   3005  O2*   C B 242      70.898 -24.860 163.833  0.00nan0x7fffffff
ATOM   3006  C2*   C B 242      69.906 -24.297 164.679  0.00nan0x7fffffff
ATOM   3007  C1*   C B 242      68.638 -25.141 164.679  0.00nan0x7fffffff
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ATOM   3008  N1    C B 242      67.479 -24.237 164.849  0.00nan0x7fffffff
ATOM   3009  C6    C B 242      66.645 -24.311 165.926  0.00nan0x7fffffff
ATOM   3010  C5    C B 242      65.592 -23.492 166.079  0.00nan0x7fffffff
ATOM   3011  N4    C B 242      64.339 -21.669 165.137  0.00nan0x7fffffff
ATOM   3012  C4    C B 242      65.364 -22.524 165.064  0.00nan0x7fffffff
ATOM   3013  N3    C B 242      66.200 -22.457 163.992  0.00nan0x7fffffff
ATOM   3014  O2    C B 242      68.014 -23.230 162.879  0.00nan0x7fffffff
ATOM   3015  C2    C B 242      67.265 -23.300 163.851  0.00nan0x7fffffff
ATOM   3016  O3*   C B 242      71.794 -24.210 166.258  0.00nan0x7fffffff
ATOM   3017  P     U B 243      72.313 -22.763 166.727  0.00nan0x7fffffff
ATOM   3018  O1P   U B 243      73.463 -23.075 167.613  0.00nan0x7fffffff
ATOM   3019  O2P   U B 243      71.234 -22.004 167.434  0.00nan0x7fffffff
ATOM   3020  O5*   U B 243      72.715 -22.052 165.350  0.00nan0x7fffffff
ATOM   3021  C5*   U B 243      73.870 -22.506 164.599  0.00nan0x7fffffff
ATOM   3022  C4*   U B 243      73.668 -22.102 163.158  0.00nan0x7fffffff
ATOM   3023  C3*   U B 243      73.620 -20.612 162.873  0.00nan0x7fffffff
ATOM   3024  O4*   U B 243      72.380 -22.588 162.714  0.00nan0x7fffffff
ATOM   3025  O2*   U B 243      73.735 -20.858 160.515  0.00nan0x7fffffff
ATOM   3026  C2*   U B 243      72.829 -20.567 161.569  0.00nan0x7fffffff
ATOM   3027  C1*   U B 243      71.832 -21.702 161.767  0.00nan0x7fffffff
ATOM   3028  N1    U B 243      70.552 -21.113 162.222  0.00nan0x7fffffff
ATOM   3029  C6    U B 243      70.031 -21.357 163.458  0.00nan0x7fffffff
ATOM   3030  C5    U B 243      68.874 -20.816 163.870  0.00nan0x7fffffff
ATOM   3031  O4    U B 243      67.086 -19.391 163.238  0.00nan0x7fffffff
ATOM   3032  C4    U B 243      68.184 -19.959 162.967  0.00nan0x7fffffff
ATOM   3033  N3    U B 243      68.718 -19.722 161.734  0.00nan0x7fffffff
ATOM   3034  O2    U B 243      70.363 -20.055 160.215  0.00nan0x7fffffff
ATOM   3035  C2    U B 243      69.897 -20.281 161.329  0.00nan0x7fffffff
ATOM   3036  O3*   U B 243      74.913 -20.011 162.755  0.00nan0x7fffffff
ATOM   3037  P     U B 244      75.153 -18.503 163.265  0.00nan0x7fffffff
ATOM   3038  O1P   U B 244      76.501 -18.562 163.888  0.00nan0x7fffffff
ATOM   3039  O2P   U B 244      74.094 -18.094 164.241  0.00nan0x7fffffff
ATOM   3040  O5*   U B 244      75.080 -17.634 161.928  0.00nan0x7fffffff
ATOM   3041  C5*   U B 244      76.234 -17.553 161.053  0.00nan0x7fffffff
ATOM   3042  C4*   U B 244      75.751 -17.044 159.717  0.00nan0x7fffffff
ATOM   3043  C3*   U B 244      75.190 -15.633 159.691  0.00nan0x7fffffff
ATOM   3044  O4*   U B 244      74.655 -17.870 159.264  0.00nan0x7fffffff
ATOM   3045  O2*   U B 244      75.130 -15.484 157.322  0.00nan0x7fffffff
ATOM   3046  C2*   U B 244      74.295 -15.675 158.455  0.00nan0x7fffffff
ATOM   3047  C1*   U B 244      73.753 -17.098 158.507  0.00nan0x7fffffff
ATOM   3048  N1    U B 244      72.399 -17.058 159.101  0.00nan0x7fffffff
ATOM   3049  C6    U B 244      72.119 -17.585 160.327  0.00nan0x7fffffff
ATOM   3050  C5    U B 244      70.890 -17.549 160.863  0.00nan0x7fffffff
ATOM   3051  O4    U B 244      68.654 -16.846 160.496  0.00nan0x7fffffff
ATOM   3052  C4    U B 244      69.852 -16.940 160.101  0.00nan0x7fffffff
ATOM   3053  N3    U B 244      70.146 -16.418 158.875  0.00nan0x7fffffff
ATOM   3054  O2    U B 244      71.648 -15.985 157.239  0.00nan0x7fffffff
ATOM   3055  C2    U B 244      71.403 -16.460 158.345  0.00nan0x7fffffff
ATOM   3056  O3*   U B 244      76.199 -14.623 159.605  0.00nan0x7fffffff
ATOM   3057  P     A B 245      76.030 -13.213 160.357  0.00nan0x7fffffff
ATOM   3058  O1P   A B 245      76.627 -13.458 161.694  0.00nan0x7fffffff
ATOM   3059  O2P   A B 245      74.589 -12.815 160.439  0.00nan0x7fffffff
ATOM   3060  O5*   A B 245      76.860 -12.200 159.438  0.00nan0x7fffffff
ATOM   3061  C5*   A B 245      78.231 -11.854 159.760  0.00nan0x7fffffff
ATOM   3062  C4*   A B 245      78.902 -11.412 158.482  0.00nan0x7fffffff
ATOM   3063  C3*   A B 245      78.030 -10.667 157.486  0.00nan0x7fffffff
ATOM   3064  O4*   A B 245      79.342 -12.585 157.759  0.00nan0x7fffffff
ATOM   3065  O2*   A B 245      79.834 -10.005 156.092  0.00nan0x7fffffff
ATOM   3066  C2*   A B 245      78.759 -10.930 156.171  0.00nan0x7fffffff
ATOM   3067  C1*   A B 245      79.268 -12.351 156.372  0.00nan0x7fffffff
ATOM   3068  N9    A B 245      78.339 -13.278 155.693  0.00nan0x7fffffff
ATOM   3069  C8    A B 245      77.401 -14.101 156.257  0.00nan0x7fffffff
ATOM   3070  N7    A B 245      76.729 -14.813 155.387  0.00nan0x7fffffff
ATOM   3071  C5    A B 245      77.269 -14.432 154.162  0.00nan0x7fffffff
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ATOM   3072  N6    A B 245      76.045 -15.735 152.527  0.00nan0x7fffffff
ATOM   3073  C6    A B 245      76.971 -14.840 152.839  0.00nan0x7fffffff
ATOM   3074  N1    A B 245      77.719 -14.238 151.866  0.00nan0x7fffffff
ATOM   3075  C2    A B 245      78.676 -13.317 152.166  0.00nan0x7fffffff
ATOM   3076  N3    A B 245      79.003 -12.891 153.384  0.00nan0x7fffffff
ATOM   3077  C4    A B 245      78.260 -13.489 154.337  0.00nan0x7fffffff
ATOM   3078  O3*   A B 245      77.902  -9.272 157.777  0.00nan0x7fffffff
ATOM   3079  P     A B 246      76.535  -8.498 157.432  0.00nan0x7fffffff
ATOM   3080  O1P   A B 246      76.485  -7.416 158.448  0.00nan0x7fffffff
ATOM   3081  O2P   A B 246      75.359  -9.420 157.523  0.00nan0x7fffffff
ATOM   3082  O5*   A B 246      76.759  -7.988 155.935  0.00nan0x7fffffff
ATOM   3083  C5*   A B 246      78.031  -7.404 155.552  0.00nan0x7fffffff
ATOM   3084  C4*   A B 246      78.100  -7.427 154.044  0.00nan0x7fffffff
ATOM   3085  C3*   A B 246      76.823  -7.071 153.303  0.00nan0x7fffffff
ATOM   3086  O4*   A B 246      78.400  -8.773 153.608  0.00nan0x7fffffff
ATOM   3087  O2*   A B 246      77.864  -6.909 151.175  0.00nan0x7fffffff
ATOM   3088  C2*   A B 246      77.039  -7.760 151.958  0.00nan0x7fffffff
ATOM   3089  C1*   A B 246      77.784  -9.024 152.367  0.00nan0x7fffffff
ATOM   3090  N9    A B 246      76.816 -10.137 152.428  0.00nan0x7fffffff
ATOM   3091  C8    A B 246      76.343 -10.791 153.536  0.00nan0x7fffffff
ATOM   3092  N7    A B 246      75.493 -11.749 153.263  0.00nan0x7fffffff
ATOM   3093  C5    A B 246      75.404 -11.726 151.875  0.00nan0x7fffffff
ATOM   3094  N6    A B 246      73.835 -13.492 151.337  0.00nan0x7fffffff
ATOM   3095  C6    A B 246      74.652 -12.514 150.971  0.00nan0x7fffffff
ATOM   3096  N1    A B 246      74.820 -12.200 149.651  0.00nan0x7fffffff
ATOM   3097  C2    A B 246      75.653 -11.200 149.254  0.00nan0x7fffffff
ATOM   3098  N3    A B 246      76.386 -10.425 150.050  0.00nan0x7fffffff
ATOM   3099  C4    A B 246      76.214 -10.742 151.349  0.00nan0x7fffffff
ATOM   3100  O3*   A B 246      76.616  -5.662 153.173  0.00nan0x7fffffff
ATOM   3101  P     A B 247      75.132  -5.043 153.227  0.00nan0x7fffffff
ATOM   3102  O1P   A B 247      75.340  -3.703 153.836  0.00nan0x7fffffff
ATOM   3103  O2P   A B 247      74.222  -5.905 154.048  0.00nan0x7fffffff
ATOM   3104  O5*   A B 247      74.678  -5.010 151.697  0.00nan0x7fffffff
ATOM   3105  C5*   A B 247      75.657  -4.735 150.660  0.00nan0x7fffffff
ATOM   3106  C4*   A B 247      75.040  -5.149 149.345  0.00nan0x7fffffff
ATOM   3107  C3*   A B 247      73.530  -5.024 149.241  0.00nan0x7fffffff
ATOM   3108  O4*   A B 247      75.296  -6.555 149.128  0.00nan0x7fffffff
ATOM   3109  O2*   A B 247      73.460  -5.402 146.898  0.00nan0x7fffffff
ATOM   3110  C2*   A B 247      73.208  -6.035 148.143  0.00nan0x7fffffff
ATOM   3111  C1*   A B 247      74.226  -7.134 148.419  0.00nan0x7fffffff
ATOM   3112  N9    A B 247      73.556  -8.206 149.183  0.00nan0x7fffffff
ATOM   3113  C8    A B 247      73.686  -8.507 150.514  0.00nan0x7fffffff
ATOM   3114  N7    A B 247      72.955  -9.523 150.901  0.00nan0x7fffffff
ATOM   3115  C5    A B 247      72.299  -9.918 149.740  0.00nan0x7fffffff
ATOM   3116  N6    A B 247      70.936 -11.800 150.425  0.00nan0x7fffffff
ATOM   3117  C6    A B 247      71.369 -10.958 149.497  0.00nan0x7fffffff
ATOM   3118  N1    A B 247      70.926 -11.050 148.207  0.00nan0x7fffffff
ATOM   3119  C2    A B 247      71.359 -10.195 147.240  0.00nan0x7fffffff
ATOM   3120  N3    A B 247      72.228  -9.200 147.402  0.00nan0x7fffffff
ATOM   3121  C4    A B 247      72.659  -9.117 148.677  0.00nan0x7fffffff
ATOM   3122  O3*   A B 247      73.084  -3.703 148.921  0.00nan0x7fffffff
ATOM   3123  P     C B 248      70.251  -2.945 148.126  0.00nan0x7fffffff
ATOM   3124  O1P   C B 248      68.982  -2.201 148.347  0.00nan0x7fffffff
ATOM   3125  O2P   C B 248      70.426  -4.062 149.112  0.00nan0x7fffffff
ATOM   3126  O5*   C B 248      70.473  -3.444 146.630  0.00nan0x7fffffff
ATOM   3127  C5*   C B 248      71.588  -2.930 145.851  0.00nan0x7fffffff
ATOM   3128  C4*   C B 248      71.374  -3.385 144.428  0.00nan0x7fffffff
ATOM   3129  C3*   C B 248      69.932  -3.467 143.958  0.00nan0x7fffffff
ATOM   3130  O4*   C B 248      71.870  -4.735 144.286  0.00nan0x7fffffff
ATOM   3131  O2*   C B 248      70.482  -3.784 141.670  0.00nan0x7fffffff
ATOM   3132  C2*   C B 248      70.029  -4.481 142.821  0.00nan0x7fffffff
ATOM   3133  C1*   C B 248      71.095  -5.436 143.342  0.00nan0x7fffffff
ATOM   3134  N1    C B 248      70.418  -6.611 143.932  0.00nan0x7fffffff
ATOM   3135  C6    C B 248      70.577  -6.967 145.239  0.00nan0x7fffffff
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ATOM   3136  C5    C B 248      69.963  -8.033 145.776  0.00nan0x7fffffff
ATOM   3137  N4    C B 248      68.477  -9.879 145.378  0.00nan0x7fffffff
ATOM   3138  C4    C B 248      69.124  -8.802 144.924  0.00nan0x7fffffff
ATOM   3139  N3    C B 248      68.971  -8.443 143.620  0.00nan0x7fffffff
ATOM   3140  O2    C B 248      69.458  -7.037 141.913  0.00nan0x7fffffff
ATOM   3141  C2    C B 248      69.605  -7.355 143.091  0.00nan0x7fffffff
ATOM   3142  O3*   C B 248      69.394  -2.212 143.532  0.00nan0x7fffffff
ATOM   3143  P     C B 249      67.855  -1.836 143.830  0.00nan0x7fffffff
ATOM   3144  O1P   C B 249      67.795  -0.382 143.526  0.00nan0x7fffffff
ATOM   3145  O2P   C B 249      67.506  -2.127 145.259  0.00nan0x7fffffff
ATOM   3146  O5*   C B 249      67.031  -2.758 142.828  0.00nan0x7fffffff
ATOM   3147  C5*   C B 249      66.907  -2.376 141.433  0.00nan0x7fffffff
ATOM   3148  C4*   C B 249      65.965  -3.365 140.792  0.00nan0x7fffffff
ATOM   3149  C3*   C B 249      64.581  -3.476 141.410  0.00nan0x7fffffff
ATOM   3150  O4*   C B 249      66.519  -4.694 140.922  0.00nan0x7fffffff
ATOM   3151  O2*   C B 249      63.679  -4.791 139.651  0.00nan0x7fffffff
ATOM   3152  C2*   C B 249      64.160  -4.881 140.984  0.00nan0x7fffffff
ATOM   3153  C1*   C B 249      65.481  -5.637 141.044  0.00nan0x7fffffff
ATOM   3154  N1    C B 249      65.535  -6.378 142.323  0.00nan0x7fffffff
ATOM   3155  C6    C B 249      66.395  -6.044 143.328  0.00nan0x7fffffff
ATOM   3156  C5    C B 249      66.447  -6.720 144.486  0.00nan0x7fffffff
ATOM   3157  N4    C B 249      65.547  -8.548 145.762  0.00nan0x7fffffff
ATOM   3158  C4    C B 249      65.562  -7.821 144.642  0.00nan0x7fffffff
ATOM   3159  N3    C B 249      64.707  -8.150 143.634  0.00nan0x7fffffff
ATOM   3160  O2    C B 249      63.893  -7.756 141.558  0.00nan0x7fffffff
ATOM   3161  C2    C B 249      64.668  -7.450 142.461  0.00nan0x7fffffff
ATOM   3162  O3*   C B 249      63.672  -2.469 140.957  0.00nan0x7fffffff
ATOM   3163  P     G B 250      62.585  -1.828 141.956  0.00nan0x7fffffff
ATOM   3164  O1P   G B 250      62.386  -0.459 141.412  0.00nan0x7fffffff
ATOM   3165  O2P   G B 250      63.099  -1.808 143.363  0.00nan0x7fffffff
ATOM   3166  O5*   G B 250      61.319  -2.786 141.813  0.00nan0x7fffffff
ATOM   3167  C5*   G B 250      60.815  -3.136 140.498  0.00nan0x7fffffff
ATOM   3168  C4*   G B 250      59.874  -4.302 140.680  0.00nan0x7fffffff
ATOM   3169  C3*   G B 250      58.917  -4.216 141.857  0.00nan0x7fffffff
ATOM   3170  O4*   G B 250      60.649  -5.494 140.939  0.00nan0x7fffffff
ATOM   3171  O2*   G B 250      57.602  -6.076 141.186  0.00nan0x7fffffff
ATOM   3172  C2*   G B 250      58.604  -5.688 142.115  0.00nan0x7fffffff
ATOM   3173  C1*   G B 250      59.937  -6.354 141.797  0.00nan0x7fffffff
ATOM   3174  N9    G B 250      60.650  -6.601 143.067  0.00nan0x7fffffff
ATOM   3175  C8    G B 250      61.786  -5.991 143.531  0.00nan0x7fffffff
ATOM   3176  N7    G B 250      62.185  -6.436 144.695  0.00nan0x7fffffff
ATOM   3177  C5    G B 250      61.246  -7.412 145.019  0.00nan0x7fffffff
ATOM   3178  O6    G B 250      61.865  -8.307 147.137  0.00nan0x7fffffff
ATOM   3179  C6    G B 250      61.124  -8.258 146.153  0.00nan0x7fffffff
ATOM   3180  N1    G B 250      60.046  -9.106 146.111  0.00nan0x7fffffff
ATOM   3181  N2    G B 250      58.175 -10.013 145.184  0.00nan0x7fffffff
ATOM   3182  C2    G B 250      59.172  -9.127 145.068  0.00nan0x7fffffff
ATOM   3183  N3    G B 250      59.240  -8.356 143.983  0.00nan0x7fffffff
ATOM   3184  C4    G B 250      60.299  -7.524 144.025  0.00nan0x7fffffff
ATOM   3185  O3*   G B 250      57.744  -3.445 141.583  0.00nan0x7fffffff
ATOM   3186  P     U B 251      57.081  -2.514 142.717  0.00nan0x7fffffff
ATOM   3187  O1P   U B 251      56.462  -1.411 141.937  0.00nan0x7fffffff
ATOM   3188  O2P   U B 251      58.121  -2.017 143.673  0.00nan0x7fffffff
ATOM   3189  O5*   U B 251      56.037  -3.479 143.441  0.00nan0x7fffffff
ATOM   3190  C5*   U B 251      55.088  -4.247 142.659  0.00nan0x7fffffff
ATOM   3191  C4*   U B 251      54.534  -5.321 143.564  0.00nan0x7fffffff
ATOM   3192  C3*   U B 251      54.156  -4.886 144.969  0.00nan0x7fffffff
ATOM   3193  O4*   U B 251      55.550  -6.331 143.766  0.00nan0x7fffffff
ATOM   3194  O2*   U B 251      53.045  -6.911 145.518  0.00nan0x7fffffff
ATOM   3195  C2*   U B 251      54.253  -6.199 145.742  0.00nan0x7fffffff
ATOM   3196  C1*   U B 251      55.429  -6.882 145.056  0.00nan0x7fffffff
ATOM   3197  N1    U B 251      56.639  -6.660 145.878  0.00nan0x7fffffff
ATOM   3198  C6    U B 251      57.665  -5.859 145.470  0.00nan0x7fffffff
ATOM   3199  C5    U B 251      58.764  -5.662 146.214  0.00nan0x7fffffff
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ATOM   3200  O4    U B 251      59.824  -6.221 148.262  0.00nan0x7fffffff
ATOM   3201  C4    U B 251      58.841  -6.327 147.472  0.00nan0x7fffffff
ATOM   3202  N3    U B 251      57.809  -7.127 147.866  0.00nan0x7fffffff
ATOM   3203  O2    U B 251      55.777  -8.042 147.468  0.00nan0x7fffffff
ATOM   3204  C2    U B 251      56.697  -7.317 147.096  0.00nan0x7fffffff
ATOM   3205  O3*   U B 251      52.857  -4.293 145.054  0.00nan0x7fffffff
ATOM   3206  P     A B 252      52.572  -3.061 146.050  0.00nan0x7fffffff
ATOM   3207  O1P   A B 252      51.505  -2.297 145.353  0.00nan0x7fffffff
ATOM   3208  O2P   A B 252      53.811  -2.243 146.254  0.00nan0x7fffffff
ATOM   3209  O5*   A B 252      52.108  -3.762 147.404  0.00nan0x7fffffff
ATOM   3210  C5*   A B 252      51.091  -4.797 147.379  0.00nan0x7fffffff
ATOM   3211  C4*   A B 252      51.146  -5.504 148.712  0.00nan0x7fffffff
ATOM   3212  C3*   A B 252      51.301  -4.619 149.937  0.00nan0x7fffffff
ATOM   3213  O4*   A B 252      52.313  -6.358 148.742  0.00nan0x7fffffff
ATOM   3214  O2*   A B 252      50.870  -6.355 151.498  0.00nan0x7fffffff
ATOM   3215  C2*   A B 252      51.925  -5.582 150.943  0.00nan0x7fffffff
ATOM   3216  C1*   A B 252      52.821  -6.433 150.053  0.00nan0x7fffffff
ATOM   3217  N9    A B 252      54.201  -5.917 150.153  0.00nan0x7fffffff
ATOM   3218  C8    A B 252      54.932  -5.260 149.197  0.00nan0x7fffffff
ATOM   3219  N7    A B 252      56.139  -4.933 149.586  0.00nan0x7fffffff
ATOM   3220  C5    A B 252      56.208  -5.413 150.890  0.00nan0x7fffffff
ATOM   3221  N6    A B 252      58.435  -4.822 151.637  0.00nan0x7fffffff
ATOM   3222  C6    A B 252      57.248  -5.374 151.849  0.00nan0x7fffffff
ATOM   3223  N1    A B 252      56.951  -5.958 153.049  0.00nan0x7fffffff
ATOM   3224  C2    A B 252      55.739  -6.530 153.286  0.00nan0x7fffffff
ATOM   3225  N3    A B 252      54.722  -6.600 152.430  0.00nan0x7fffffff
ATOM   3226  C4    A B 252      55.024  -6.022 151.250  0.00nan0x7fffffff
ATOM   3227  O3*   A B 252      50.066  -4.063 150.399  0.00nan0x7fffffff
ATOM   3228  P     U B 253      50.004  -2.573 151.003  0.00nan0x7fffffff
ATOM   3229  O1P   U B 253      48.636  -2.116 150.647  0.00nan0x7fffffff
ATOM   3230  O2P   U B 253      51.066  -1.707 150.397  0.00nan0x7fffffff
ATOM   3231  O5*   U B 253      50.246  -2.783 152.565  0.00nan0x7fffffff
ATOM   3232  C5*   U B 253      49.489  -3.784 153.293  0.00nan0x7fffffff
ATOM   3233  C4*   U B 253      50.201  -4.010 154.606  0.00nan0x7fffffff
ATOM   3234  C3*   U B 253      50.691  -2.766 155.327  0.00nan0x7fffffff
ATOM   3235  O4*   U B 253      51.402  -4.776 154.361  0.00nan0x7fffffff
ATOM   3236  O2*   U B 253      51.233  -3.900 157.341  0.00nan0x7fffffff
ATOM   3237  C2*   U B 253      51.824  -3.327 156.184  0.00nan0x7fffffff
ATOM   3238  C1*   U B 253      52.406  -4.401 155.274  0.00nan0x7fffffff
ATOM   3239  N1    U B 253      53.600  -3.843 154.602  0.00nan0x7fffffff
ATOM   3240  C6    U B 253      53.628  -3.569 153.266  0.00nan0x7fffffff
ATOM   3241  C5    U B 253      54.713  -3.068 152.657  0.00nan0x7fffffff
ATOM   3242  O4    U B 253      56.950  -2.354 152.997  0.00nan0x7fffffff
ATOM   3243  C4    U B 253      55.868  -2.824 153.455  0.00nan0x7fffffff
ATOM   3244  N3    U B 253      55.826  -3.105 154.789  0.00nan0x7fffffff
ATOM   3245  O2    U B 253      54.695  -3.862 156.598  0.00nan0x7fffffff
ATOM   3246  C2    U B 253      54.714  -3.615 155.394  0.00nan0x7fffffff
ATOM   3247  O3*   U B 253      49.680  -2.121 156.106  0.00nan0x7fffffff
ATOM   3248  P     A B 254      49.619  -0.517 156.218  0.00nan0x7fffffff
ATOM   3249  O1P   A B 254      48.171  -0.242 156.408  0.00nan0x7fffffff
ATOM   3250  O2P   A B 254      50.158   0.125 154.976  0.00nan0x7fffffff
ATOM   3251  O5*   A B 254      50.527  -0.185 157.486  0.00nan0x7fffffff
ATOM   3252  C5*   A B 254      50.358  -0.929 158.720  0.00nan0x7fffffff
ATOM   3253  C4*   A B 254      51.575  -0.657 159.571  0.00nan0x7fffffff
ATOM   3254  C3*   A B 254      52.075   0.777 159.591  0.00nan0x7fffffff
ATOM   3255  O4*   A B 254      52.690  -1.414 159.048  0.00nan0x7fffffff
ATOM   3256  O2*   A B 254      53.602   0.437 161.377  0.00nan0x7fffffff
ATOM   3257  C2*   A B 254      53.543   0.593 159.967  0.00nan0x7fffffff
ATOM   3258  C1*   A B 254      53.891  -0.707 159.254  0.00nan0x7fffffff
ATOM   3259  N9    A B 254      54.575  -0.377 157.987  0.00nan0x7fffffff
ATOM   3260  C8    A B 254      54.107  -0.525 156.707  0.00nan0x7fffffff
ATOM   3261  N7    A B 254      54.958  -0.149 155.786  0.00nan0x7fffffff
ATOM   3262  C5    A B 254      56.068   0.272 156.513  0.00nan0x7fffffff
ATOM   3263  N6    A B 254      57.664   0.974 154.831  0.00nan0x7fffffff
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ATOM   3264  C6    A B 254      57.318   0.790 156.098  0.00nan0x7fffffff
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ATOM   3266  C2    A B 254      57.844   0.920 158.418  0.00nan0x7fffffff
ATOM   3267  N3    A B 254      56.689   0.438 158.873  0.00nan0x7fffffff
ATOM   3268  C4    A B 254      55.846   0.135 157.867  0.00nan0x7fffffff
ATOM   3269  O3*   A B 254      51.371   1.612 160.515  0.00nan0x7fffffff
ATOM   3270  P     G B 255      51.068   3.155 160.171  0.00nan0x7fffffff
ATOM   3271  O1P   G B 255      49.779   3.414 160.862  0.00nan0x7fffffff
ATOM   3272  O2P   G B 255      50.969   3.362 158.691  0.00nan0x7fffffff
ATOM   3273  O5*   G B 255      52.316   3.935 160.786  0.00nan0x7fffffff
ATOM   3274  C5*   G B 255      52.809   3.597 162.107  0.00nan0x7fffffff
ATOM   3275  C4*   G B 255      54.188   4.198 162.234  0.00nan0x7fffffff
ATOM   3276  C3*   G B 255      54.382   5.571 161.613  0.00nan0x7fffffff
ATOM   3277  O4*   G B 255      55.132   3.356 161.534  0.00nan0x7fffffff
ATOM   3278  O2*   G B 255      56.515   5.933 162.590  0.00nan0x7fffffff
ATOM   3279  C2*   G B 255      55.888   5.592 161.362  0.00nan0x7fffffff
ATOM   3280  C1*   G B 255      56.165   4.142 160.987  0.00nan0x7fffffff
ATOM   3281  N9    G B 255      56.222   4.049 159.513  0.00nan0x7fffffff
ATOM   3282  C8    G B 255      55.315   3.464 158.668  0.00nan0x7fffffff
ATOM   3283  N7    G B 255      55.645   3.543 157.404  0.00nan0x7fffffff
ATOM   3284  C5    G B 255      56.857   4.229 157.419  0.00nan0x7fffffff
ATOM   3285  O6    G B 255      57.571   4.440 155.157  0.00nan0x7fffffff
ATOM   3286  C6    G B 255      57.722   4.629 156.367  0.00nan0x7fffffff
ATOM   3287  N1    G B 255      58.844   5.299 156.783  0.00nan0x7fffffff
ATOM   3288  N2    G B 255      60.238   6.219 158.331  0.00nan0x7fffffff
ATOM   3289  C2    G B 255      59.099   5.555 158.095  0.00nan0x7fffffff
ATOM   3290  N3    G B 255      58.323   5.203 159.119  0.00nan0x7fffffff
ATOM   3291  C4    G B 255      57.221   4.545 158.710  0.00nan0x7fffffff
ATOM   3292  O3*   G B 255      53.948   6.645 162.452  0.00nan0x7fffffff
ATOM   3293  P     C B 256      53.257   7.954 161.818  0.00nan0x7fffffff
ATOM   3294  O1P   C B 256      52.396   8.455 162.921  0.00nan0x7fffffff
ATOM   3295  O2P   C B 256      52.465   7.600 160.597  0.00nan0x7fffffff
ATOM   3296  O5*   C B 256      54.490   8.900 161.459  0.00nan0x7fffffff
ATOM   3297  C5*   C B 256      55.458   9.250 162.482  0.00nan0x7fffffff
ATOM   3298  C4*   C B 256      56.671   9.805 161.776  0.00nan0x7fffffff
ATOM   3299  C3*   C B 256      56.411  10.863 160.718  0.00nan0x7fffffff
ATOM   3300  O4*   C B 256      57.325   8.735 161.055  0.00nan0x7fffffff
ATOM   3301  O2*   C B 256      58.695  11.468 160.475  0.00nan0x7fffffff
ATOM   3302  C2*   C B 256      57.654  10.739 159.840  0.00nan0x7fffffff
ATOM   3303  C1*   C B 256      57.924   9.241 159.885  0.00nan0x7fffffff
ATOM   3304  N1    C B 256      57.369   8.634 158.656  0.00nan0x7fffffff
ATOM   3305  C6    C B 256      56.298   7.789 158.675  0.00nan0x7fffffff
ATOM   3306  C5    C B 256      55.796   7.237 157.559  0.00nan0x7fffffff
ATOM   3307  N4    C B 256      55.993   7.057 155.169  0.00nan0x7fffffff
ATOM   3308  C4    C B 256      56.427   7.562 156.327  0.00nan0x7fffffff
ATOM   3309  N3    C B 256      57.496   8.406 156.317  0.00nan0x7fffffff
ATOM   3310  O2    C B 256      58.959   9.719 157.441  0.00nan0x7fffffff
ATOM   3311  C2    C B 256      57.993   8.959 157.462  0.00nan0x7fffffff
ATOM   3312  O3*   C B 256      56.247  12.179 161.255  0.00nan0x7fffffff
ATOM   3313  P     C B 257      55.202  13.213 160.600  0.00nan0x7fffffff
ATOM   3314  O1P   C B 257      54.098  13.262 161.593  0.00nan0x7fffffff
ATOM   3315  O2P   C B 257      54.740  12.729 159.260  0.00nan0x7fffffff
ATOM   3316  O5*   C B 257      56.038  14.567 160.473  0.00nan0x7fffffff
ATOM   3317  C5*   C B 257      56.762  15.082 161.620  0.00nan0x7fffffff
ATOM   3318  C4*   C B 257      57.746  16.104 161.105  0.00nan0x7fffffff
ATOM   3319  C3*   C B 257      57.240  17.045 160.026  0.00nan0x7fffffff
ATOM   3320  O4*   C B 257      58.856  15.416 160.484  0.00nan0x7fffffff
ATOM   3321  O2*   C B 257      59.117  18.496 160.129  0.00nan0x7fffffff
ATOM   3322  C2*   C B 257      58.540  17.464 159.342  0.00nan0x7fffffff
ATOM   3323  C1*   C B 257      59.363  16.186 159.420  0.00nan0x7fffffff
ATOM   3324  N1    C B 257      59.262  15.490 158.119  0.00nan0x7fffffff
ATOM   3325  C6    C B 257      58.579  14.319 157.964  0.00nan0x7fffffff
ATOM   3326  C5    C B 257      58.490  13.687 156.783  0.00nan0x7fffffff
ATOM   3327  N4    C B 257      59.106  13.722 154.460  0.00nan0x7fffffff
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ATOM   3328  C4    C B 257      59.144  14.284 155.671  0.00nan0x7fffffff
ATOM   3329  N3    C B 257      59.824  15.452 155.833  0.00nan0x7fffffff
ATOM   3330  O2    C B 257      60.522  17.136 157.177  0.00nan0x7fffffff
ATOM   3331  C2    C B 257      59.904  16.082 157.043  0.00nan0x7fffffff
ATOM   3332  O3*   C B 257      56.504  18.159 160.538  0.00nan0x7fffffff
ATOM   3333  P     A B 258      55.240  18.749 159.736  0.00nan0x7fffffff
ATOM   3334  O1P   A B 258      54.178  18.823 160.773  0.00nan0x7fffffff
ATOM   3335  O2P   A B 258      54.861  17.848 158.600  0.00nan0x7fffffff
ATOM   3336  O5*   A B 258      55.750  20.166 159.209  0.00nan0x7fffffff
ATOM   3337  C5*   A B 258      56.246  21.155 160.147  0.00nan0x7fffffff
ATOM   3338  C4*   A B 258      57.008  22.185 159.349  0.00nan0x7fffffff
ATOM   3339  C3*   A B 258      56.379  22.625 158.039  0.00nan0x7fffffff
ATOM   3340  O4*   A B 258      58.284  21.627 158.961  0.00nan0x7fffffff
ATOM   3341  O2*   A B 258      57.869  24.441 157.700  0.00nan0x7fffffff
ATOM   3342  C2*   A B 258      57.594  23.119 157.259  0.00nan0x7fffffff
ATOM   3343  C1*   A B 258      58.677  22.150 157.714  0.00nan0x7fffffff
ATOM   3344  N9    A B 258      58.826  21.103 156.682  0.00nan0x7fffffff
ATOM   3345  C8    A B 258      58.470  19.782 156.757  0.00nan0x7fffffff
ATOM   3346  N7    A B 258      58.734  19.100 155.671  0.00nan0x7fffffff
ATOM   3347  C5    A B 258      59.306  20.041 154.821  0.00nan0x7fffffff
ATOM   3348  N6    A B 258      59.807  18.807 152.797  0.00nan0x7fffffff
ATOM   3349  C6    A B 258      59.805  19.931 153.501  0.00nan0x7fffffff
ATOM   3350  N1    A B 258      60.303  21.089 152.971  0.00nan0x7fffffff
ATOM   3351  C2    A B 258      60.310  22.253 153.676  0.00nan0x7fffffff
ATOM   3352  N3    A B 258      59.857  22.423 154.917  0.00nan0x7fffffff
ATOM   3353  C4    A B 258      59.369  21.276 155.430  0.00nan0x7fffffff
ATOM   3354  O3*   A B 258      55.378  23.634 158.196  0.00nan0x7fffffff
ATOM   3355  P     A B 259      54.066  23.649 157.264  0.00nan0x7fffffff
ATOM   3356  O1P   A B 259      52.952  23.765 158.241  0.00nan0x7fffffff
ATOM   3357  O2P   A B 259      53.976  22.394 156.450  0.00nan0x7fffffff
ATOM   3358  O5*   A B 259      54.270  24.930 156.337  0.00nan0x7fffffff
ATOM   3359  C5*   A B 259      54.398  26.246 156.934  0.00nan0x7fffffff
ATOM   3360  C4*   A B 259      54.945  27.166 155.869  0.00nan0x7fffffff
ATOM   3361  C3*   A B 259      54.299  27.069 154.498  0.00nan0x7fffffff
ATOM   3362  O4*   A B 259      56.333  26.837 155.631  0.00nan0x7fffffff
ATOM   3363  O2*   A B 259      55.351  29.018 153.644  0.00nan0x7fffffff
ATOM   3364  C2*   A B 259      55.407  27.601 153.592  0.00nan0x7fffffff
ATOM   3365  C1*   A B 259      56.658  27.073 154.282  0.00nan0x7fffffff
ATOM   3366  N9    A B 259      57.091  25.847 153.581  0.00nan0x7fffffff
ATOM   3367  C8    A B 259      57.074  24.556 154.042  0.00nan0x7fffffff
ATOM   3368  N7    A B 259      57.525  23.680 153.179  0.00nan0x7fffffff
ATOM   3369  C5    A B 259      57.862  24.451 152.071  0.00nan0x7fffffff
ATOM   3370  N6    A B 259      58.701  22.855 150.453  0.00nan0x7fffffff
ATOM   3371  C6    A B 259      58.402  24.096 150.812  0.00nan0x7fffffff
ATOM   3372  N1    A B 259      58.606  25.141 149.954  0.00nan0x7fffffff
ATOM   3373  C2    A B 259      58.306  26.422 150.302  0.00nan0x7fffffff
ATOM   3374  N3    A B 259      57.798  26.822 151.466  0.00nan0x7fffffff
ATOM   3375  C4    A B 259      57.600  25.785 152.305  0.00nan0x7fffffff
ATOM   3376  O3*   A B 259      53.086  27.817 154.380  0.00nan0x7fffffff
ATOM   3377  P     C B 260      51.848  27.255 153.516  0.00nan0x7fffffff
ATOM   3378  O1P   C B 260      50.746  27.176 154.511  0.00nan0x7fffffff
ATOM   3379  O2P   C B 260      52.175  25.915 152.930  0.00nan0x7fffffff
ATOM   3380  O5*   C B 260      51.638  28.352 152.381  0.00nan0x7fffffff
ATOM   3381  C5*   C B 260      50.857  29.542 152.660  0.00nan0x7fffffff
ATOM   3382  C4*   C B 260      51.070  30.490 151.506  0.00nan0x7fffffff
ATOM   3383  C3*   C B 260      51.182  29.861 150.128  0.00nan0x7fffffff
ATOM   3384  O4*   C B 260      52.331  31.176 151.687  0.00nan0x7fffffff
ATOM   3385  O2*   C B 260      51.041  31.921 148.955  0.00nan0x7fffffff
ATOM   3386  C2*   C B 260      51.967  30.924 149.362  0.00nan0x7fffffff
ATOM   3387  C1*   C B 260      52.910  31.453 150.434  0.00nan0x7fffffff
ATOM   3388  N1    C B 260      54.224  30.795 150.260  0.00nan0x7fffffff
ATOM   3389  C6    C B 260      54.698  29.861 151.134  0.00nan0x7fffffff
ATOM   3390  C5    C B 260      55.891  29.267 150.977  0.00nan0x7fffffff
ATOM   3391  N4    C B 260      57.867  29.106 149.616  0.00nan0x7fffffff
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ATOM   3392  C4    C B 260      56.668  29.647 149.849  0.00nan0x7fffffff
ATOM   3393  N3    C B 260      56.189  30.581 148.982  0.00nan0x7fffffff
ATOM   3394  O2    C B 260      54.550  32.018 148.368  0.00nan0x7fffffff
ATOM   3395  C2    C B 260      54.972  31.176 149.158  0.00nan0x7fffffff
ATOM   3396  O3*   C B 260      49.918  29.571 149.526  0.00nan0x7fffffff
ATOM   3397  P     A B 261      49.717  28.251 148.625  0.00nan0x7fffffff
ATOM   3398  O1P   A B 261      48.265  27.966 148.756  0.00nan0x7fffffff
ATOM   3399  O2P   A B 261      50.562  27.125 149.137  0.00nan0x7fffffff
ATOM   3400  O5*   A B 261      50.174  28.707 147.168  0.00nan0x7fffffff
ATOM   3401  C5*   A B 261      49.629  29.918 146.583  0.00nan0x7fffffff
ATOM   3402  C4*   A B 261      50.474  30.244 145.375  0.00nan0x7fffffff
ATOM   3403  C3*   A B 261      50.909  29.067 144.520  0.00nan0x7fffffff
ATOM   3404  O4*   A B 261      51.715  30.840 145.817  0.00nan0x7fffffff
ATOM   3405  O2*   A B 261      51.725  30.405 142.736  0.00nan0x7fffffff
ATOM   3406  C2*   A B 261      52.158  29.621 143.838  0.00nan0x7fffffff
ATOM   3407  C1*   A B 261      52.756  30.493 144.934  0.00nan0x7fffffff
ATOM   3408  N9    A B 261      53.833  29.732 145.599  0.00nan0x7fffffff
ATOM   3409  C8    A B 261      53.840  29.199 146.862  0.00nan0x7fffffff
ATOM   3410  N7    A B 261      54.952  28.579 147.169  0.00nan0x7fffffff
ATOM   3411  C5    A B 261      55.733  28.717 146.026  0.00nan0x7fffffff
ATOM   3412  N6    A B 261      57.802  27.577 146.564  0.00nan0x7fffffff
ATOM   3413  C6    A B 261      57.041  28.267 145.725  0.00nan0x7fffffff
ATOM   3414  N1    A B 261      57.494  28.595 144.477  0.00nan0x7fffffff
ATOM   3415  C2    A B 261      56.728  29.302 143.602  0.00nan0x7fffffff
ATOM   3416  N3    A B 261      55.495  29.752 143.822  0.00nan0x7fffffff
ATOM   3417  C4    A B 261      55.058  29.425 145.054  0.00nan0x7fffffff
ATOM   3418  O3*   A B 261      49.915  28.641 143.584  0.00nan0x7fffffff
ATOM   3419  P     A B 262      49.728  27.081 143.234  0.00nan0x7fffffff
ATOM   3420  O1P   A B 262      48.297  26.987 142.841  0.00nan0x7fffffff
ATOM   3421  O2P   A B 262      50.046  26.226 144.421  0.00nan0x7fffffff
ATOM   3422  O5*   A B 262      50.758  26.831 142.042  0.00nan0x7fffffff
ATOM   3423  C5*   A B 262      50.686  27.636 140.837  0.00nan0x7fffffff
ATOM   3424  C4*   A B 262      51.984  27.438 140.092  0.00nan0x7fffffff
ATOM   3425  C3*   A B 262      52.481  26.007 139.975  0.00nan0x7fffffff
ATOM   3426  O4*   A B 262      53.041  28.124 140.800  0.00nan0x7fffffff
ATOM   3427  O2*   A B 262      54.177  26.515 138.392  0.00nan0x7fffffff
ATOM   3428  C2*   A B 262      53.980  26.214 139.766  0.00nan0x7fffffff
ATOM   3429  C1*   A B 262      54.256  27.429 140.641  0.00nan0x7fffffff
ATOM   3430  N9    A B 262      54.810  26.959 141.928  0.00nan0x7fffffff
ATOM   3431  C8    A B 262      54.225  26.994 143.166  0.00nan0x7fffffff
ATOM   3432  N7    A B 262      54.974  26.500 144.120  0.00nan0x7fffffff
ATOM   3433  C5    A B 262      56.136  26.112 143.459  0.00nan0x7fffffff
ATOM   3434  N6    A B 262      57.546  25.192 145.201  0.00nan0x7fffffff
ATOM   3435  C6    A B 262      57.327  25.511 143.933  0.00nan0x7fffffff
ATOM   3436  N1    A B 262      58.273  25.270 142.977  0.00nan0x7fffffff
ATOM   3437  C2    A B 262      58.069  25.591 141.670  0.00nan0x7fffffff
ATOM   3438  N3    A B 262      56.975  26.155 141.161  0.00nan0x7fffffff
ATOM   3439  C4    A B 262      56.048  26.390 142.112  0.00nan0x7fffffff
ATOM   3440  O3*   A B 262      51.873  25.275 138.907  0.00nan0x7fffffff
ATOM   3441  P     U B 263      51.532  23.710 139.071  0.00nan0x7fffffff
ATOM   3442  O1P   U B 263      50.111  23.623 138.642  0.00nan0x7fffffff
ATOM   3443  O2P   U B 263      51.722  23.269 140.490  0.00nan0x7fffffff
ATOM   3444  O5*   U B 263      52.564  22.989 138.093  0.00nan0x7fffffff
ATOM   3445  C5*   U B 263      52.566  23.306 136.677  0.00nan0x7fffffff
ATOM   3446  C4*   U B 263      53.849  22.758 136.101  0.00nan0x7fffffff
ATOM   3447  C3*   U B 263      54.256  21.369 136.562  0.00nan0x7fffffff
ATOM   3448  O4*   U B 263      54.947  23.604 136.513  0.00nan0x7fffffff
ATOM   3449  O2*   U B 263      55.980  21.121 134.948  0.00nan0x7fffffff
ATOM   3450  C2*   U B 263      55.764  21.391 136.326  0.00nan0x7fffffff
ATOM   3451  C1*   U B 263      56.115  22.833 136.667  0.00nan0x7fffffff
ATOM   3452  N1    U B 263      56.636  22.865 138.051  0.00nan0x7fffffff
ATOM   3453  C6    U B 263      55.943  23.427 139.083  0.00nan0x7fffffff
ATOM   3454  C5    U B 263      56.417  23.455 140.338  0.00nan0x7fffffff
ATOM   3455  O4    U B 263      58.244  22.830 141.715  0.00nan0x7fffffff
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ATOM   3456  C4    U B 263      57.692  22.867 140.578  0.00nan0x7fffffff
ATOM   3457  N3    U B 263      58.374  22.308 139.537  0.00nan0x7fffffff
ATOM   3458  O2    U B 263      58.506  21.779 137.340  0.00nan0x7fffffff
ATOM   3459  C2    U B 263      57.878  22.289 138.265  0.00nan0x7fffffff
ATOM   3460  O3*   U B 263      53.603  20.313 135.850  0.00nan0x7fffffff
ATOM   3461  P     U B 264      53.155  18.963 136.606  0.00nan0x7fffffff
ATOM   3462  O1P   U B 264      51.835  18.654 135.996  0.00nan0x7fffffff
ATOM   3463  O2P   U B 264      53.055  19.190 138.084  0.00nan0x7fffffff
ATOM   3464  O5*   U B 264      54.308  17.923 136.252  0.00nan0x7fffffff
ATOM   3465  C5*   U B 264      54.343  17.299 134.943  0.00nan0x7fffffff
ATOM   3466  C4*   U B 264      55.670  16.591 134.827  0.00nan0x7fffffff
ATOM   3467  C3*   U B 264      56.018  15.620 135.941  0.00nan0x7fffffff
ATOM   3468  O4*   U B 264      56.732  17.572 134.867  0.00nan0x7fffffff
ATOM   3469  O2*   U B 264      57.885  14.684 134.811  0.00nan0x7fffffff
ATOM   3470  C2*   U B 264      57.542  15.582 135.857  0.00nan0x7fffffff
ATOM   3471  C1*   U B 264      57.873  17.019 135.480  0.00nan0x7fffffff
ATOM   3472  N1    U B 264      58.258  17.741 136.713  0.00nan0x7fffffff
ATOM   3473  C6    U B 264      57.468  18.695 137.282  0.00nan0x7fffffff
ATOM   3474  C5    U B 264      57.818  19.345 138.403  0.00nan0x7fffffff
ATOM   3475  O4    U B 264      59.505  19.550 140.057  0.00nan0x7fffffff
ATOM   3476  C4    U B 264      59.065  19.008 139.002  0.00nan0x7fffffff
ATOM   3477  N3    U B 264      59.845  18.051 138.422  0.00nan0x7fffffff
ATOM   3478  O2    U B 264      60.191  16.539 136.774  0.00nan0x7fffffff
ATOM   3479  C2    U B 264      59.474  17.398 137.282  0.00nan0x7fffffff
ATOM   3480  O3*   U B 264      55.425  14.328 135.786  0.00nan0x7fffffff
ATOM   3481  P     C B 265      54.896  13.508 137.069  0.00nan0x7fffffff
ATOM   3482  O1P   C B 265      53.557  13.029 136.637  0.00nan0x7fffffff
ATOM   3483  O2P   C B 265      54.815  14.400 138.271  0.00nan0x7fffffff
ATOM   3484  O5*   C B 265      55.980  12.359 137.267  0.00nan0x7fffffff
ATOM   3485  C5*   C B 265      55.956  11.195 136.400  0.00nan0x7fffffff
ATOM   3486  C4*   C B 265      57.163  10.361 136.751  0.00nan0x7fffffff
ATOM   3487  C3*   C B 265      57.460  10.186 138.230  0.00nan0x7fffffff
ATOM   3488  O4*   C B 265      58.348  11.002 136.226  0.00nan0x7fffffff
ATOM   3489  O2*   C B 265      59.088   8.490 137.902  0.00nan0x7fffffff
ATOM   3490  C2*   C B 265      58.953   9.868 138.214  0.00nan0x7fffffff
ATOM   3491  C1*   C B 265      59.447  10.742 137.068  0.00nan0x7fffffff
ATOM   3492  N1    C B 265      60.018  11.978 137.650  0.00nan0x7fffffff
ATOM   3493  C6    C B 265      59.370  13.177 137.605  0.00nan0x7fffffff
ATOM   3494  C5    C B 265      59.886  14.295 138.139  0.00nan0x7fffffff
ATOM   3495  N4    C B 265      61.742  15.256 139.326  0.00nan0x7fffffff
ATOM   3496  C4    C B 265      61.155  14.193 138.770  0.00nan0x7fffffff
ATOM   3497  N3    C B 265      61.794  12.991 138.815  0.00nan0x7fffffff
ATOM   3498  O2    C B 265      61.839  10.783 138.313  0.00nan0x7fffffff
ATOM   3499  C2    C B 265      61.253  11.863 138.266  0.00nan0x7fffffff
ATOM   3500  O3*   C B 265      56.684   9.160 138.854  0.00nan0x7fffffff
ATOM   3501  P     A B 266      56.209   9.330 140.384  0.00nan0x7fffffff
ATOM   3502  O1P   A B 266      54.990   8.484 140.460  0.00nan0x7fffffff
ATOM   3503  O2P   A B 266      55.925  10.766 140.698  0.00nan0x7fffffff
ATOM   3504  O5*   A B 266      57.448   8.783 141.229  0.00nan0x7fffffff
ATOM   3505  C5*   A B 266      57.700   7.356 141.294  0.00nan0x7fffffff
ATOM   3506  C4*   A B 266      59.100   7.171 141.823  0.00nan0x7fffffff
ATOM   3507  C3*   A B 266      59.390   7.758 143.196  0.00nan0x7fffffff
ATOM   3508  O4*   A B 266      60.034   7.841 140.946  0.00nan0x7fffffff
ATOM   3509  O2*   A B 266      61.490   6.660 143.419  0.00nan0x7fffffff
ATOM   3510  C2*   A B 266      60.904   7.925 143.145  0.00nan0x7fffffff
ATOM   3511  C1*   A B 266      61.132   8.313 141.689  0.00nan0x7fffffff
ATOM   3512  N9    A B 266      61.295   9.778 141.603  0.00nan0x7fffffff
ATOM   3513  C8    A B 266      60.516  10.679 140.926  0.00nan0x7fffffff
ATOM   3514  N7    A B 266      60.941  11.916 141.010  0.00nan0x7fffffff
ATOM   3515  C5    A B 266      62.090  11.817 141.788  0.00nan0x7fffffff
ATOM   3516  N6    A B 266      62.901  14.093 141.963  0.00nan0x7fffffff
ATOM   3517  C6    A B 266      63.005  12.800 142.237  0.00nan0x7fffffff
ATOM   3518  N1    A B 266      64.038  12.326 142.996  0.00nan0x7fffffff
ATOM   3519  C2    A B 266      64.162  11.002 143.289  0.00nan0x7fffffff
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ATOM   3520  N3    A B 266      63.340  10.030 142.898  0.00nan0x7fffffff
ATOM   3521  C4    A B 266      62.325  10.508 142.150  0.00nan0x7fffffff
ATOM   3522  O3*   A B 266      58.908   6.934 144.251  0.00nan0x7fffffff
ATOM   3523  P     G B 267      59.496   6.571 145.660  0.00nan0x7fffffff
ATOM   3524  O1P   G B 267      60.396   5.405 145.418  0.00nan0x7fffffff
ATOM   3525  O2P   G B 267      58.400   6.185 146.631  0.00nan0x7fffffff
ATOM   3526  O5*   G B 267      60.252   7.870 146.199  0.00nan0x7fffffff
ATOM   3527  C5*   G B 267      61.653   8.126 145.949  0.00nan0x7fffffff
ATOM   3528  C4*   G B 267      62.233   8.872 147.126  0.00nan0x7fffffff
ATOM   3529  C3*   G B 267      62.717   8.009 148.282  0.00nan0x7fffffff
ATOM   3530  O4*   G B 267      61.219   9.717 147.714  0.00nan0x7fffffff
ATOM   3531  O2*   G B 267      63.827   9.780 149.409  0.00nan0x7fffffff
ATOM   3532  C2*   G B 267      62.649   8.987 149.452  0.00nan0x7fffffff
ATOM   3533  C1*   G B 267      61.417   9.812 149.105  0.00nan0x7fffffff
ATOM   3534  N9    G B 267      60.270   9.285 149.873  0.00nan0x7fffffff
ATOM   3535  C8    G B 267      59.116   8.727 149.391  0.00nan0x7fffffff
ATOM   3536  N7    G B 267      58.277   8.360 150.326  0.00nan0x7fffffff
ATOM   3537  C5    G B 267      58.925   8.705 151.509  0.00nan0x7fffffff
ATOM   3538  O6    G B 267      57.489   8.083 153.305  0.00nan0x7fffffff
ATOM   3539  C6    G B 267      58.537   8.566 152.867  0.00nan0x7fffffff
ATOM   3540  N1    G B 267      59.460   9.031 153.769  0.00nan0x7fffffff
ATOM   3541  N2    G B 267      61.432   9.985 154.390  0.00nan0x7fffffff
ATOM   3542  C2    G B 267      60.645   9.580 153.385  0.00nan0x7fffffff
ATOM   3543  N3    G B 267      61.058   9.734 152.128  0.00nan0x7fffffff
ATOM   3544  C4    G B 267      60.150   9.276 151.243  0.00nan0x7fffffff
ATOM   3545  O3*   G B 267      64.029   7.475 148.087  0.00nan0x7fffffff
ATOM   3546  P     C B 268      64.406   5.970 148.522  0.00nan0x7fffffff
ATOM   3547  O1P   C B 268      65.581   5.655 147.667  0.00nan0x7fffffff
ATOM   3548  O2P   C B 268      63.258   5.041 148.263  0.00nan0x7fffffff
ATOM   3549  O5*   C B 268      64.727   6.081 150.075  0.00nan0x7fffffff
ATOM   3550  C5*   C B 268      65.822   6.914 150.540  0.00nan0x7fffffff
ATOM   3551  C4*   C B 268      65.738   6.933 152.047  0.00nan0x7fffffff
ATOM   3552  C3*   C B 268      65.559   5.584 152.723  0.00nan0x7fffffff
ATOM   3553  O4*   C B 268      64.567   7.685 152.439  0.00nan0x7fffffff
ATOM   3554  O2*   C B 268      65.940   6.403 154.919  0.00nan0x7fffffff
ATOM   3555  C2*   C B 268      64.905   5.980 154.045  0.00nan0x7fffffff
ATOM   3556  C1*   C B 268      64.026   7.149 153.624  0.00nan0x7fffffff
ATOM   3557  N1    C B 268      62.646   6.649 153.433  0.00nan0x7fffffff
ATOM   3558  C6    C B 268      62.064   6.560 152.203  0.00nan0x7fffffff
ATOM   3559  C5    C B 268      60.811   6.112 152.030  0.00nan0x7fffffff
ATOM   3560  N4    C B 268      58.836   5.267 153.109  0.00nan0x7fffffff
ATOM   3561  C4    C B 268      60.089   5.725 153.191  0.00nan0x7fffffff
ATOM   3562  N3    C B 268      60.676   5.818 154.416  0.00nan0x7fffffff
ATOM   3563  O2    C B 268      62.473   6.358 155.684  0.00nan0x7fffffff
ATOM   3564  C2    C B 268      61.953   6.277 154.574  0.00nan0x7fffffff
ATOM   3565  O3*   C B 268      66.785   4.871 152.908  0.00nan0x7fffffff
ATOM   3566  P     U B 269      66.844   3.270 152.748  0.00nan0x7fffffff
ATOM   3567  O1P   U B 269      68.232   3.024 152.278  0.00nan0x7fffffff
ATOM   3568  O2P   U B 269      65.820   2.794 151.764  0.00nan0x7fffffff
ATOM   3569  O5*   U B 269      66.537   2.727 154.216  0.00nan0x7fffffff
ATOM   3570  C5*   U B 269      67.235   3.283 155.360  0.00nan0x7fffffff
ATOM   3571  C4*   U B 269      66.475   2.857 156.593  0.00nan0x7fffffff
ATOM   3572  C3*   U B 269      65.980   1.420 156.614  0.00nan0x7fffffff
ATOM   3573  O4*   U B 269      65.269   3.649 156.697  0.00nan0x7fffffff
ATOM   3574  O2*   U B 269      65.351   1.456 158.902  0.00nan0x7fffffff
ATOM   3575  C2*   U B 269      64.810   1.506 157.591  0.00nan0x7fffffff
ATOM   3576  C1*   U B 269      64.241   2.885 157.282  0.00nan0x7fffffff
ATOM   3577  N1    U B 269      63.080   2.717 156.380  0.00nan0x7fffffff
ATOM   3578  C6    U B 269      63.109   3.097 155.070  0.00nan0x7fffffff
ATOM   3579  C5    U B 269      62.053   2.949 154.255  0.00nan0x7fffffff
ATOM   3580  O4    U B 269      59.811   2.183 154.135  0.00nan0x7fffffff
ATOM   3581  C4    U B 269      60.870   2.374 154.801  0.00nan0x7fffffff
ATOM   3582  N3    U B 269      60.855   2.001 156.113  0.00nan0x7fffffff
ATOM   3583  O2    U B 269      61.906   1.817 158.110  0.00nan0x7fffffff
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ATOM   3584  C2    U B 269      61.938   2.159 156.930  0.00nan0x7fffffff
ATOM   3585  O3*   U B 269      66.975   0.480 157.028  0.00nan0x7fffffff
ATOM   3586  P     A B 270      67.053  -0.985 156.367  0.00nan0x7fffffff
ATOM   3587  O1P   A B 270      68.498  -1.321 156.446  0.00nan0x7fffffff
ATOM   3588  O2P   A B 270      66.553  -0.961 154.955  0.00nan0x7fffffff
ATOM   3589  O5*   A B 270      66.115  -1.876 157.301  0.00nan0x7fffffff
ATOM   3590  C5*   A B 270      66.256  -1.816 158.743  0.00nan0x7fffffff
ATOM   3591  C4*   A B 270      65.016  -2.440 159.337  0.00nan0x7fffffff
ATOM   3592  C3*   A B 270      64.518  -3.712 158.671  0.00nan0x7fffffff
ATOM   3593  O4*   A B 270      63.914  -1.513 159.201  0.00nan0x7fffffff
ATOM   3594  O2*   A B 270      62.943  -4.227 160.371  0.00nan0x7fffffff
ATOM   3595  C2*   A B 270      63.040  -3.707 159.053  0.00nan0x7fffffff
ATOM   3596  C1*   A B 270      62.710  -2.221 159.023  0.00nan0x7fffffff
ATOM   3597  N9    A B 270      62.061  -1.914 157.732  0.00nan0x7fffffff
ATOM   3598  C8    A B 270      62.562  -1.189 156.682  0.00nan0x7fffffff
ATOM   3599  N7    A B 270      61.737  -1.083 155.670  0.00nan0x7fffffff
ATOM   3600  C5    A B 270      60.611  -1.788 156.087  0.00nan0x7fffffff
ATOM   3601  N6    A B 270      59.064  -1.610 154.231  0.00nan0x7fffffff
ATOM   3602  C6    A B 270      59.375  -2.043 155.445  0.00nan0x7fffffff
ATOM   3603  N1    A B 270      58.488  -2.786 156.173  0.00nan0x7fffffff
ATOM   3604  C2    A B 270      58.789  -3.239 157.421  0.00nan0x7fffffff
ATOM   3605  N3    A B 270      59.928  -3.035 158.078  0.00nan0x7fffffff
ATOM   3606  C4    A B 270      60.796  -2.301 157.353  0.00nan0x7fffffff
ATOM   3607  O3*   A B 270      65.197  -4.890 159.113  0.00nan0x7fffffff
ATOM   3608  P     U B 271      65.511  -6.094 158.092  0.00nan0x7fffffff
ATOM   3609  O1P   U B 271      66.774  -6.672 158.621  0.00nan0x7fffffff
ATOM   3610  O2P   U B 271      65.666  -5.581 156.693  0.00nan0x7fffffff
ATOM   3611  O5*   U B 271      64.241  -7.049 158.225  0.00nan0x7fffffff
ATOM   3612  C5*   U B 271      63.754  -7.439 159.534  0.00nan0x7fffffff
ATOM   3613  C4*   U B 271      62.358  -7.982 159.346  0.00nan0x7fffffff
ATOM   3614  C3*   U B 271      62.151  -8.905 158.157  0.00nan0x7fffffff
ATOM   3615  O4*   U B 271      61.456  -6.878 159.100  0.00nan0x7fffffff
ATOM   3616  O2*   U B 271      59.980  -9.602 158.818  0.00nan0x7fffffff
ATOM   3617  C2*   U B 271      60.653  -8.753 157.901  0.00nan0x7fffffff
ATOM   3618  C1*   U B 271      60.422  -7.286 158.236  0.00nan0x7fffffff
ATOM   3619  N1    U B 271      60.410  -6.517 156.972  0.00nan0x7fffffff
ATOM   3620  C6    U B 271      61.403  -5.646 156.634  0.00nan0x7fffffff
ATOM   3621  C5    U B 271      61.388  -4.946 155.490  0.00nan0x7fffffff
ATOM   3622  O4    U B 271      60.155  -4.534 153.505  0.00nan0x7fffffff
ATOM   3623  C4    U B 271      60.283  -5.135 154.611  0.00nan0x7fffffff
ATOM   3624  N3    U B 271      59.296  -6.009 154.963  0.00nan0x7fffffff
ATOM   3625  O2    U B 271      58.427  -7.496 156.431  0.00nan0x7fffffff
ATOM   3626  C2    U B 271      59.326  -6.714 156.132  0.00nan0x7fffffff
ATOM   3627  O3*   U B 271      62.531 -10.260 158.413  0.00nan0x7fffffff
ATOM   3628  P     G B 272      63.223 -11.155 157.268  0.00nan0x7fffffff
ATOM   3629  O1P   G B 272      64.072 -12.101 158.040  0.00nan0x7fffffff
ATOM   3630  O2P   G B 272      64.030 -10.301 156.339  0.00nan0x7fffffff
ATOM   3631  O5*   G B 272      61.993 -11.834 156.515  0.00nan0x7fffffff
ATOM   3632  C5*   G B 272      60.964 -12.522 157.272  0.00nan0x7fffffff
ATOM   3633  C4*   G B 272      59.790 -12.722 156.345  0.00nan0x7fffffff
ATOM   3634  C3*   G B 272      60.117 -13.201 154.941  0.00nan0x7fffffff
ATOM   3635  O4*   G B 272      59.132 -11.450 156.142  0.00nan0x7fffffff
ATOM   3636  O2*   G B 272      57.863 -13.655 154.351  0.00nan0x7fffffff
ATOM   3637  C2*   G B 272      58.904 -12.711 154.152  0.00nan0x7fffffff
ATOM   3638  C1*   G B 272      58.590 -11.391 154.844  0.00nan0x7fffffff
ATOM   3639  N9    G B 272      59.171 -10.295 154.040  0.00nan0x7fffffff
ATOM   3640  C8    G B 272      60.222  -9.477 154.361  0.00nan0x7fffffff
ATOM   3641  N7    G B 272      60.500  -8.589 153.441  0.00nan0x7fffffff
ATOM   3642  C5    G B 272      59.560  -8.839 152.443  0.00nan0x7fffffff
ATOM   3643  O6    G B 272      59.961  -7.274 150.693  0.00nan0x7fffffff
ATOM   3644  C6    G B 272      59.337  -8.215 151.188  0.00nan0x7fffffff
ATOM   3645  N1    G B 272      58.297  -8.750 150.470  0.00nan0x7fffffff
ATOM   3646  N2    G B 272      56.572 -10.192 150.106  0.00nan0x7fffffff
ATOM   3647  C2    G B 272      57.549  -9.790 150.929  0.00nan0x7fffffff
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ATOM   3648  N3    G B 272      57.716 -10.409 152.097  0.00nan0x7fffffff
ATOM   3649  C4    G B 272      58.737  -9.884 152.802  0.00nan0x7fffffff
ATOM   3650  O3*   G B 272      60.299 -14.616 154.848  0.00nan0x7fffffff
ATOM   3651  P     C B 273      61.404 -15.245 153.861  0.00nan0x7fffffff
ATOM   3652  O1P   C B 273      61.810 -16.496 154.553  0.00nan0x7fffffff
ATOM   3653  O2P   C B 273      62.554 -14.302 153.678  0.00nan0x7fffffff
ATOM   3654  O5*   C B 273      60.613 -15.471 152.495  0.00nan0x7fffffff
ATOM   3655  C5*   C B 273      59.344 -16.173 152.493  0.00nan0x7fffffff
ATOM   3656  C4*   C B 273      58.684 -15.894 151.164  0.00nan0x7fffffff
ATOM   3657  C3*   C B 273      59.575 -15.997 149.938  0.00nan0x7fffffff
ATOM   3658  O4*   C B 273      58.219 -14.525 151.151  0.00nan0x7fffffff
ATOM   3659  O2*   C B 273      57.790 -15.869 148.378  0.00nan0x7fffffff
ATOM   3660  C2*   C B 273      58.842 -15.100 148.942  0.00nan0x7fffffff
ATOM   3661  C1*   C B 273      58.298 -14.003 149.846  0.00nan0x7fffffff
ATOM   3662  N1    C B 273      59.204 -12.836 149.760  0.00nan0x7fffffff
ATOM   3663  C6    C B 273      59.988 -12.438 150.803  0.00nan0x7fffffff
ATOM   3664  C5    C B 273      60.804 -11.375 150.727  0.00nan0x7fffffff
ATOM   3665  N4    C B 273      61.608  -9.583 149.341  0.00nan0x7fffffff
ATOM   3666  C4    C B 273      60.826 -10.654 149.502  0.00nan0x7fffffff
ATOM   3667  N3    C B 273      60.037 -11.054 148.467  0.00nan0x7fffffff
ATOM   3668  O2    C B 273      58.506 -12.491 147.621  0.00nan0x7fffffff
ATOM   3669  C2    C B 273      59.213 -12.139 148.562  0.00nan0x7fffffff
ATOM   3670  O3*   C B 273      59.733 -17.335 149.458  0.00nan0x7fffffff
ATOM   3671  P     G B 274      61.137 -17.843 148.857  0.00nan0x7fffffff
ATOM   3672  O1P   G B 274      61.145 -19.293 149.184  0.00nan0x7fffffff
ATOM   3673  O2P   G B 274      62.283 -17.114 149.490  0.00nan0x7fffffff
ATOM   3674  O5*   G B 274      61.028 -17.517 147.300  0.00nan0x7fffffff
ATOM   3675  C5*   G B 274      59.856 -17.919 146.546  0.00nan0x7fffffff
ATOM   3676  C4*   G B 274      59.880 -17.148 145.248  0.00nan0x7fffffff
ATOM   3677  C3*   G B 274      61.225 -17.058 144.547  0.00nan0x7fffffff
ATOM   3678  O4*   G B 274      59.526 -15.772 145.517  0.00nan0x7fffffff
ATOM   3679  O2*   G B 274      60.352 -16.142 142.538  0.00nan0x7fffffff
ATOM   3680  C2*   G B 274      61.062 -15.787 143.716  0.00nan0x7fffffff
ATOM   3681  C1*   G B 274      60.210 -14.917 144.631  0.00nan0x7fffffff
ATOM   3682  N9    G B 274      61.095 -13.966 145.335  0.00nan0x7fffffff
ATOM   3683  C8    G B 274      61.405 -13.931 146.669  0.00nan0x7fffffff
ATOM   3684  N7    G B 274      62.208 -12.951 146.999  0.00nan0x7fffffff
ATOM   3685  C5    G B 274      62.436 -12.289 145.794  0.00nan0x7fffffff
ATOM   3686  O6    G B 274      63.898 -10.468 146.260  0.00nan0x7fffffff
ATOM   3687  C6    G B 274      63.220 -11.147 145.485  0.00nan0x7fffffff
ATOM   3688  N1    G B 274      63.196 -10.788 144.161  0.00nan0x7fffffff
ATOM   3689  N2    G B 274      62.563 -10.991 141.984  0.00nan0x7fffffff
ATOM   3690  C2    G B 274      62.479 -11.474 143.230  0.00nan0x7fffffff
ATOM   3691  N3    G B 274      61.729 -12.549 143.466  0.00nan0x7fffffff
ATOM   3692  C4    G B 274      61.753 -12.901 144.766  0.00nan0x7fffffff
ATOM   3693  O3*   G B 274      61.526 -18.204 143.745  0.00nan0x7fffffff
ATOM   3694  P     G B 275      63.018 -18.797 143.649  0.00nan0x7fffffff
ATOM   3695  O1P   G B 275      62.796 -20.247 143.409  0.00nan0x7fffffff
ATOM   3696  O2P   G B 275      63.776 -18.544 144.917  0.00nan0x7fffffff
ATOM   3697  O5*   G B 275      63.665 -18.015 142.419  0.00nan0x7fffffff
ATOM   3698  C5*   G B 275      63.038 -18.047 141.111  0.00nan0x7fffffff
ATOM   3699  C4*   G B 275      63.629 -16.909 140.312  0.00nan0x7fffffff
ATOM   3700  C3*   G B 275      65.143 -16.791 140.339  0.00nan0x7fffffff
ATOM   3701  O4*   G B 275      63.165 -15.660 140.873  0.00nan0x7fffffff
ATOM   3702  O2*   G B 275      65.248 -15.156 138.620  0.00nan0x7fffffff
ATOM   3703  C2*   G B 275      65.348 -15.310 140.028  0.00nan0x7fffffff
ATOM   3704  C1*   G B 275      64.160 -14.672 140.737  0.00nan0x7fffffff
ATOM   3705  N9    G B 275      64.622 -14.161 142.045  0.00nan0x7fffffff
ATOM   3706  C8    G B 275      64.282 -14.612 143.294  0.00nan0x7fffffff
ATOM   3707  N7    G B 275      64.858 -13.953 144.267  0.00nan0x7fffffff
ATOM   3708  C5    G B 275      65.632 -12.999 143.610  0.00nan0x7fffffff
ATOM   3709  O6    G B 275      66.742 -11.722 145.285  0.00nan0x7fffffff
ATOM   3710  C6    G B 275      66.491 -11.984 144.107  0.00nan0x7fffffff
ATOM   3711  N1    G B 275      67.093 -11.227 143.133  0.00nan0x7fffffff
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ATOM   3712  N2    G B 275      67.543 -10.613 140.987  0.00nan0x7fffffff
ATOM   3713  C2    G B 275      66.879 -11.439 141.805  0.00nan0x7fffffff
ATOM   3714  N3    G B 275      66.086 -12.376 141.287  0.00nan0x7fffffff
ATOM   3715  C4    G B 275      65.495 -13.118 142.244  0.00nan0x7fffffff
ATOM   3716  O3*   G B 275      65.802 -17.646 139.401  0.00nan0x7fffffff
ATOM   3717  P     G B 276      67.197 -18.361 139.773  0.00nan0x7fffffff
ATOM   3718  O1P   G B 276      67.138 -19.639 139.016  0.00nan0x7fffffff
ATOM   3719  O2P   G B 276      67.302 -18.585 141.251  0.00nan0x7fffffff
ATOM   3720  O5*   G B 276      68.303 -17.336 139.259  0.00nan0x7fffffff
ATOM   3721  C5*   G B 276      68.188 -16.746 137.938  0.00nan0x7fffffff
ATOM   3722  C4*   G B 276      69.171 -15.602 137.878  0.00nan0x7fffffff
ATOM   3723  C3*   G B 276      70.521 -15.838 138.531  0.00nan0x7fffffff
ATOM   3724  O4*   G B 276      68.622 -14.473 138.596  0.00nan0x7fffffff
ATOM   3725  O2*   G B 276      71.522 -13.879 137.638  0.00nan0x7fffffff
ATOM   3726  C2*   G B 276      70.976 -14.412 138.835  0.00nan0x7fffffff
ATOM   3727  C1*   G B 276      69.661 -13.731 139.192  0.00nan0x7fffffff
ATOM   3728  N9    G B 276      69.547 -13.680 140.664  0.00nan0x7fffffff
ATOM   3729  C8    G B 276      68.694 -14.385 141.472  0.00nan0x7fffffff
ATOM   3730  N7    G B 276      68.830 -14.116 142.745  0.00nan0x7fffffff
ATOM   3731  C5    G B 276      69.845 -13.163 142.778  0.00nan0x7fffffff
ATOM   3732  O6    G B 276      70.193 -12.584 145.061  0.00nan0x7fffffff
ATOM   3733  C6    G B 276      70.453 -12.475 143.860  0.00nan0x7fffffff
ATOM   3734  N1    G B 276      71.437 -11.595 143.488  0.00nan0x7fffffff
ATOM   3735  N2    G B 276      72.774 -10.510 141.998  0.00nan0x7fffffff
ATOM   3736  C2    G B 276      71.796 -11.404 142.190  0.00nan0x7fffffff
ATOM   3737  N3    G B 276      71.260 -12.022 141.138  0.00nan0x7fffffff
ATOM   3738  C4    G B 276      70.293 -12.887 141.504  0.00nan0x7fffffff
ATOM   3739  O3*   G B 276      71.444 -16.544 137.697  0.00nan0x7fffffff
ATOM   3740  P     G B 277      72.481 -17.599 138.331  0.00nan0x7fffffff
ATOM   3741  O1P   G B 277      72.685 -18.581 137.235  0.00nan0x7fffffff
ATOM   3742  O2P   G B 277      71.910 -18.234 139.562  0.00nan0x7fffffff
ATOM   3743  O5*   G B 277      73.763 -16.714 138.674  0.00nan0x7fffffff
ATOM   3744  C5*   G B 277      74.294 -15.792 137.688  0.00nan0x7fffffff
ATOM   3745  C4*   G B 277      75.224 -14.850 138.413  0.00nan0x7fffffff
ATOM   3746  C3*   G B 277      76.142 -15.474 139.450  0.00nan0x7fffffff
ATOM   3747  O4*   G B 277      74.436 -13.898 139.164  0.00nan0x7fffffff
ATOM   3748  O2*   G B 277      77.471 -13.528 139.737  0.00nan0x7fffffff
ATOM   3749  C2*   G B 277      76.442 -14.284 140.359  0.00nan0x7fffffff
ATOM   3750  C1*   G B 277      75.118 -13.531 140.340  0.00nan0x7fffffff
ATOM   3751  N9    G B 277      74.367 -13.884 141.563  0.00nan0x7fffffff
ATOM   3752  C8    G B 277      73.225 -14.632 141.667  0.00nan0x7fffffff
ATOM   3753  N7    G B 277      72.793 -14.768 142.896  0.00nan0x7fffffff
ATOM   3754  C5    G B 277      73.719 -14.056 143.654  0.00nan0x7fffffff
ATOM   3755  O6    G B 277      73.042 -14.226 145.931  0.00nan0x7fffffff
ATOM   3756  C6    G B 277      73.808 -13.823 145.052  0.00nan0x7fffffff
ATOM   3757  N1    G B 277      74.882 -13.059 145.430  0.00nan0x7fffffff
ATOM   3758  N2    G B 277      76.772 -11.841 145.068  0.00nan0x7fffffff
ATOM   3759  C2    G B 277      75.782 -12.568 144.535  0.00nan0x7fffffff
ATOM   3760  N3    G B 277      75.746 -12.756 143.216  0.00nan0x7fffffff
ATOM   3761  C4    G B 277      74.690 -13.507 142.846  0.00nan0x7fffffff
ATOM   3762  O3*   G B 277      77.325 -16.054 138.893  0.00nan0x7fffffff
ATOM   3763  P     A B 278      77.946 -17.406 139.508  0.00nan0x7fffffff
ATOM   3764  O1P   A B 278      78.650 -18.016 138.350  0.00nan0x7fffffff
ATOM   3765  O2P   A B 278      76.865 -18.294 140.044  0.00nan0x7fffffff
ATOM   3766  O5*   A B 278      78.908 -16.892 140.671  0.00nan0x7fffffff
ATOM   3767  C5*   A B 278      79.979 -15.961 140.370  0.00nan0x7fffffff
ATOM   3768  C4*   A B 278      80.461 -15.399 141.685  0.00nan0x7fffffff
ATOM   3769  C3*   A B 278      80.778 -16.409 142.775  0.00nan0x7fffffff
ATOM   3770  O4*   A B 278      79.418 -14.577 142.255  0.00nan0x7fffffff
ATOM   3771  O2*   A B 278      81.824 -14.832 144.209  0.00nan0x7fffffff
ATOM   3772  C2*   A B 278      80.620 -15.565 144.038  0.00nan0x7fffffff
ATOM   3773  C1*   A B 278      79.465 -14.646 143.661  0.00nan0x7fffffff
ATOM   3774  N9    A B 278      78.225 -15.199 144.243  0.00nan0x7fffffff
ATOM   3775  C8    A B 278      77.147 -15.737 143.589  0.00nan0x7fffffff
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ATOM   3776  N7    A B 278      76.194 -16.146 144.388  0.00nan0x7fffffff
ATOM   3777  C5    A B 278      76.681 -15.858 145.659  0.00nan0x7fffffff
ATOM   3778  N6    A B 278      74.935 -16.606 147.162  0.00nan0x7fffffff
ATOM   3779  C6    A B 278      76.123 -16.059 146.944  0.00nan0x7fffffff
ATOM   3780  N1    A B 278      76.904 -15.643 147.986  0.00nan0x7fffffff
ATOM   3781  C2    A B 278      78.126 -15.079 147.783  0.00nan0x7fffffff
ATOM   3782  N3    A B 278      78.706 -14.862 146.605  0.00nan0x7fffffff
ATOM   3783  C4    A B 278      77.928 -15.276 145.584  0.00nan0x7fffffff
ATOM   3784  O3*   A B 278      82.079 -16.990 142.661  0.00nan0x7fffffff
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