

```

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vertical-align: 0.4em;
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}

#sqseydktm .gt_asterisk {
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}

#sqseydktm .gt_indent_2 {
text-indent: 10px;
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#sqseydktm .gt_indent_3 {
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#sqseydktm .gt_indent_4 {
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Calculating cluster CR
Calculating cluster Endo
Calculating cluster L2/3 IT
Calculating cluster L4
Calculating cluster L5 IT
Calculating cluster L5 PT
Calculating cluster L6 CT
Calculating cluster L6 IT
Calculating cluster L6b
Calculating cluster Lamp5
Calculating cluster Macrophage
Calculating cluster Meis2
Calculating cluster NP
Calculating cluster Oligo
Calculating cluster Peri
Calculating cluster Pvalb
Calculating cluster Serpinf1
Calculating cluster SMC
Calculating cluster Snai3
Calculating cluster Sst
Calculating cluster Vip
Calculating cluster VLMC
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[1] "Normalizing count matrix"
[1] "Seeding initial matrices"
[1] "Training..."
[1] "Time to train NMF model was 85.96mins"
[1] "Deconvoluting spots"

```

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[7,] 5.642145e-165    1.237023e-219    3.266947e-195
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[20,] 2.839548e-170    4.297996e-230    7.255941e-153
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[19,]	1.376596e-204	2.025022e-176	1.708010e-201
[20,]	4.926738e-269	7.743588e-142	1.674471e-309
[21,]	3.279112e-276	4.413258e-165	3.143394e-319
[22,]	3.689533e-294	3.088837e-172	1.632593e-289
[23,]	1.115290e-144	1.646046e-158	6.633356e-226
F254_171120_003_B01 F254_171120_001_D01 F254_170323_015_F01			
[1,]	2.838916e+03	2.268161e+03	6.275020e+03
[2,]	1.144926e-94	1.799023e-68	1.847806e-49
[3,]	1.667361e-121	2.664923e-153	1.974120e-145
[4,]	5.219738e-229	3.135396e-211	4.717266e-213
[5,]	6.839804e-256	9.132359e-272	3.536982e-255
[6,]	9.538493e-214	2.721218e-188	6.972773e-182
[7,]	3.658085e-217	2.787693e-152	5.651820e-157
[8,]	2.591143e-228	3.407893e-181	5.257837e-202
[9,]	1.451688e-232	6.796946e-187	1.373149e-202
[10,]	2.840564e-220	1.408845e-165	4.014728e-183
[11,]	1.924932e-173	1.073215e-144	2.978585e-162
[12,]	3.692156e-157	1.903657e-151	1.568942e-163
[13,]	2.145069e-140	5.743741e-151	3.257977e-161
[14,]	5.052339e-204	2.006795e-180	2.058769e-172
[15,]	7.035328e-123	1.128367e-107	6.367564e-73
[16,]	3.115267e-116	2.426471e-135	1.097259e-96
[17,]	4.901006e-166	1.594624e-127	2.159244e-128
[18,]	1.183178e-174	7.003100e-112	2.621174e-84
[19,]	3.887278e-108	1.311235e-92	6.851586e-139
[20,]	4.732044e-180	4.824867e-161	1.304119e-153
[21,]	1.811136e-175	3.875976e-140	1.090994e-162
[22,]	3.458770e-197	5.764030e-184	4.576451e-145
[23,]	1.196757e-79	3.749251e-108	7.073955e-93
F254_160115_013_A01 F254_170323_026_C01 F254_170323_012_G01			
[1,]	4.709266e+03	5.368863e+03	6.288798e+03
[2,]	5.529495e-178	1.809642e-246	3.954507e-279
[3,]	1.087687e-196	3.196961e-277	8.945455e-256
[4,]	2.908345e-269	4.940656e-324	4.940656e-324
[5,]	8.827595e-226	3.934950e-317	4.041457e-321
[6,]	2.472321e-265	4.940656e-324	4.940656e-324
[7,]	2.289229e-264	4.940656e-324	4.940656e-324
[8,]	2.050862e-250	9.387247e-322	4.940656e-324
[9,]	8.631493e-264	4.940656e-324	4.940656e-324
[10,]	2.199117e-275	4.940656e-324	4.940656e-324
[11,]	3.384956e-236	2.860106e-308	6.916919e-323
[12,]	5.192464e-209	5.883752e-261	1.249017e-250
[13,]	3.806365e-212	3.274854e-271	3.622734e-287
[14,]	4.016051e-252	2.046564e-306	2.946364e-314
[15,]	5.508479e-146	8.060916e-245	4.200391e-265
[16,]	3.482857e-183	7.309738e-211	9.602544e-218
[17,]	1.444278e-253	2.629404e-307	4.940656e-324
[18,]	1.943654e-205	7.525274e-269	9.915700e-318
[19,]	6.625383e-218	7.963682e-261	2.763892e-314
[20,]	4.019010e-248	4.940656e-324	4.940656e-324
[21,]	3.679726e-264	4.940656e-324	4.940656e-324
[22,]	3.020665e-229	1.192084e-313	5.084924e-320
[23,]	1.613854e-177	4.624855e-254	9.922144e-282
F254_170320_002_G01 F254_171120_010_C01 F254_171120_024_C01			
[1,]	5.196187e+03	2.987516e+03	3.135133e+03
[2,]	3.225439e-105	9.449152e-80	5.236823e-128
[3,]	2.846493e-214	2.062303e-153	2.286029e-125
[4,]	6.364090e-271	8.005628e-265	4.391621e-221
[5,]	1.806797e-275	1.080607e-270	1.474103e-311
[6,]	1.551525e-233	4.713862e-221	5.769305e-188
[7,]	7.896207e-221	2.275353e-205	1.498356e-175
[8,]	9.556365e-248	2.328294e-228	2.219562e-202
[9,]	4.216470e-244	2.293094e-251	1.036814e-211
[10,]	1.220202e-218	1.445765e-235	3.298846e-178
[11,]	5.853094e-222	1.953113e-223	6.646557e-176
[12,]	1.124114e-206	4.579822e-166	1.406952e-151
[13,]	3.771017e-207	3.518528e-172	6.625934e-206
[14,]	1.764141e-231	1.039842e-210	1.033073e-192
[15,]	1.039575e-168	3.265508e-105	7.184164e-104
[16,]	3.973608e-189	3.087585e-116	4.916304e-126
[17,]	1.446307e-194	3.539349e-185	2.094499e-170
[18,]	2.360656e-170	1.296172e-135	2.478856e-134
[19,]	1.721334e-183	3.079918e-153	8.878157e-155
[20,]	3.127855e-220	6.096026e-208	5.297674e-153
[21,]	3.794817e-244	3.055949e-202	1.620029e-173
[22,]	1.733338e-219	3.783807e-203	5.336318e-190
[23,]	4.122596e-178	1.125778e-121	6.701722e-105
F254_170323_060_C01 F254_171120_018_F01 F254_160419_022_G01			
[1,]	5.028536e+03	2.477919e+03	6.891694e+03
[2,]	1.239645e-202	1.906461e-157	2.476067e-157
[3,]	4.271702e-236	4.986434e-195	1.073289e-162
[4,]	1.706374e-280	1.651031e-275	4.097361e-237
[5,]	2.331165e-219	1.040896e-266	8.243750e-281
[6,]	7.307901e-266	4.830372e-235	3.053636e-205
[7,]	1.246489e-277	4.422133e-242	2.151703e-210
[8,]	3.982070e-281	6.879701e-256	1.905494e-222
[9,]	3.676709e-297	2.155152e-266	1.465686e-224
[10,]	1.167291e-297	1.076821e-257	8.008621e-217
[11,]	6.197510e-259	3.179747e-234	2.086057e-203
[12,]	2.333479e-198	5.039815e-256	7.713921e-210
[13,]	6.932221e-224	6.429286e-192	3.484453e-204
[14,]	2.067789e-271	2.316124e-238	7.295793e-209
[15,]	7.235862e-213	2.631595e-159	1.207454e-127
[16,]	2.798576e-201	1.078262e-162	3.847455e-168
[17,]	1.322750e-276	1.856907e-218	6.079920e-200
[18,]	6.773527e-266	7.142918e-160	4.151648e-181
[19,]	8.073658e-211	1.667153e-188	1.533271e-158
[20,]	2.840144e-283	7.301295e-248	1.037412e-211
[21,]	9.452430e-294	7.112138e-238	1.855622e-205
[22,]	3.065633e-260	2.698509e-221	5.205503e-223
[23,]	7.973921e-265	6.625991e-160	2.113467e-137
F254_170323_035_A01 F254_171120_025_D01 F254_171120_027_D01			
[1,]	5.191118e+03	2.162485e+03	2.384832e+03
[2,]	1.110195e-130	6.271068e-105	4.603545e-119
[3,]	1.511596e-210	5.169652e-189	4.902788e-211
[4,]	1.676573e-224	8.377009e-224	3.519347e-228
[5,]	5.900270e-242	9.477627e-208	1.609607e-259
[6,]	1.958327e-221	1.683338e-169	8.340314e-202
[7,]	1.132068e-214	1.819471e-173	3.935356e-204
[8,]	1.577975e-222	6.592955e-195	4.137503e-227
[9,]	2.074275e-232	1.249505e-206	2.013270e-229
[10,]	5.380840e-232	3.546834e-180	4.019196e-229
[11,]	4.229577e-207	4.489958e-148	6.615656e-197
[12,]	5.872739e-187	1.908245e-151	1.249953e-169
[13,]	2.944832e-176	5.139086e-169	8.147090e-178
[14,]	8.906007e-214	2.120929e-170	1.027789e-211
[15,]	3.521826e-122	1.398612e-134	4.262486e-129
[16,]	1.039202e-145	6.054910e-83	3.644313e-128
[17,]	6.936489e-191	5.014664e-152	1.017974e-199
[18,]	3.043725e-166	3.880006e-100	8.657265e-144
[19,]	2.552120e-162	6.879021e-115	1.075785e-169
[20,]	1.434686e-220	1.713258e-171	3.957485e-189
[21,]	6.711366e-215	5.606509e-173	4.713321e-202

[22,]	2.039922e-198	2.843981e-172	3.738895e-198
[23,]	1.366269e-149	2.255677e-140	4.076656e-180
[1,]	F254_170323_001_C01	F254_171120_003_E01	F254_180228_013_H01
[2,]	5.081642e+03	5.136645e+02	1.869556e+03
[3,]	3.984086e-254	3.674454e-19	9.953372e-37
[4,]	1.377640e-182	2.775391e-92	7.439156e-72
[5,]	2.083344e-299	1.583195e-175	7.054677e-155
[6,]	3.372531e-177	8.864656e-205	6.383081e-161
[7,]	9.123187e-301	4.214359e-144	4.908405e-134
[8,]	3.786569e-318	1.308412e-120	2.605290e-73
[9,]	3.959081e-287	5.366416e-157	9.182982e-121
[10,]	3.299320e-291	2.529972e-158	4.596947e-135
[11,]	4.940656e-324	1.782495e-149	5.343553e-116
[12,]	7.598628e-283	6.180998e-126	9.053508e-126
[13,]	5.592823e-200	9.526249e-111	6.463383e-146
[14,]	1.203848e-251	4.910684e-126	1.307794e-117
[15,]	6.147918e-276	1.319687e-159	8.763720e-118
[16,]	8.019564e-169	3.582196e-62	3.857087e-52
[17,]	1.111899e-218	1.508928e-119	6.191011e-48
[18,]	6.047076e-291	1.657411e-118	7.599869e-80
[19,]	7.407188e-286	1.012342e-78	2.812196e-41
[20,]	6.313444e-235	2.147515e-133	2.353857e-33
[21,]	1.566547e-301	4.439468e-110	2.455398e-105
[22,]	1.997544e-297	1.226972e-139	4.262649e-121
[23,]	3.747229e-250	6.028532e-107	1.144938e-107
[1,]	F254_171120_002_C01	F254_160304_005_E01	F254_160404_037_H01
[2,]	2.962095e+03	4.227515e+03	5.842992e+03
[3,]	1.945869e-99	7.829918e-173	6.384402e-216
[4,]	2.100726e-205	2.113777e-161	7.234002e-224
[5,]	7.412974e-225	2.971536e-268	5.907665e-279
[6,]	1.280499e-246	1.816860e-229	3.382301e-282
[7,]	8.138683e-197	4.552874e-265	4.842980e-257
[8,]	1.185289e-174	1.517353e-253	3.938497e-255
[9,]	6.373722e-193	1.850972e-255	1.445178e-256
[10,]	1.229745e-210	2.032592e-265	1.515647e-269
[11,]	3.487985e-196	4.568808e-285	1.663979e-253
[12,]	9.417813e-158	7.497695e-223	5.031806e-234
[13,]	3.343101e-194	6.599655e-193	4.946110e-220
[14,]	7.941492e-191	9.939183e-184	3.225218e-236
[15,]	1.125107e-170	3.737385e-243	9.756881e-238
[16,]	8.881001e-124	3.246980e-175	1.573555e-160
[17,]	3.029715e-91	1.689244e-132	7.304189e-168
[18,]	1.776176e-193	3.168512e-252	4.609427e-246
[19,]	4.156337e-143	9.261373e-214	3.494643e-237
[20,]	1.066771e-130	2.521652e-177	4.462374e-180
[21,]	5.670646e-183	2.275413e-270	2.102344e-232
[22,]	2.819057e-201	6.357938e-257	7.800112e-244
[23,]	8.049245e-194	6.576594e-207	1.083224e-238
[1,]	F254_171120_006_D01	F254_160115_009_C01	F254_160901_003_A01
[2,]	1.576698e-98	1.303807e-166	5.095249e-126
[3,]	2.285338e+03	5.013418e+03	6.594124e+03
[4,]	4.824500e-86	3.354499e-147	1.196986e-185
[5,]	5.134981e-126	6.530285e-154	3.986572e-186
[6,]	4.482852e-191	3.940943e-245	4.332652e-267
[7,]	2.634853e-211	1.098395e-206	2.684867e-299
[8,]	1.716075e-168	1.086820e-234	1.362657e-254
[9,]	4.913284e-151	3.481277e-225	2.421487e-253
[10,]	1.089455e-161	3.006015e-235	4.843635e-242
[11,]	1.434869e-189	3.151943e-236	1.370731e-267
[12,]	5.799816e-148	1.510069e-238	9.918269e-257
[13,]	8.625846e-164	1.022860e-212	4.160451e-237
[14,]	3.163993e-135	1.146819e-205	1.793388e-179
[15,]	9.048598e-127	8.019888e-177	1.671146e-222
[16,]	4.674294e-152	3.869872e-210	1.896217e-243
[17,]	2.499439e-87	2.377224e-162	5.502478e-154
[18,]	1.860078e-108	2.542630e-130	1.352108e-159
[19,]	1.873630e-132	4.482905e-208	8.675017e-254
[20,]	3.829234e-102	8.308897e-209	6.315261e-202
[21,]	1.451324e-122	4.248541e-156	2.254188e-187
[22,]	1.468445e-166	6.532758e-211	1.814839e-248
[23,]	8.375458e-168	2.427626e-224	2.384068e-256
[1,]	F254_171120_004_A01	F254_171120_011_E01	F254_160901_004_B01
[2,]	2.760529e+03	2.852248e+03	9.433493e+03
[3,]	3.191572e-58	1.057975e-173	5.016369e-132
[4,]	1.320929e-136	2.066360e-244	2.678851e-109
[5,]	3.830574e-203	2.699003e-284	2.114417e-172
[6,]	1.070879e-215	8.657414e-245	5.989269e-244
[7,]	1.064897e-154	8.577958e-266	2.111861e-163
[8,]	7.572088e-146	1.527670e-216	4.022298e-158
[9,]	8.136014e-167	7.014408e-258	3.893355e-161
[10,]	3.578097e-194	3.633570e-281	1.015542e-180
[11,]	2.131919e-164	2.228437e-243	1.761214e-174
[12,]	1.193619e-152	6.465358e-237	6.865487e-149
[13,]	3.263065e-99	8.357827e-214	3.816209e-143
[14,]	4.284433e-137	1.117731e-212	2.525833e-136
[15,]	2.172714e-154	3.221514e-202	2.206822e-155
[16,]	6.208823e-65	5.526265e-201	6.465199e-92
[17,]	7.143690e-88	1.540432e-132	1.724341e-93
[18,]	3.194588e-137	1.371234e-225	2.163487e-155
[19,]	3.174076e-79	5.995529e-246	2.859799e-133
[20,]	2.885406e-67	2.558736e-181	4.635527e-102
[21,]	5.479519e-169	4.910225e-255	2.001534e-136
[22,]	1.455187e-175	1.235083e-259	6.279942e-154
[23,]	6.772473e-155	6.566694e-243	1.054066e-171
[1,]	F254_170323_051_C01	F254_170323_041_E01	F254_160413_006_E01
[2,]	5.023083e+03	4.811990e+03	6.571620e+03
[3,]	3.435606e-165	4.685358e-219	3.155474e-146
[4,]	2.166019e-206	3.925474e-300	5.048107e-164
[5,]	6.689052e-280	4.940656e-324	2.335187e-231
[6,]	9.106378e-275	4.940656e-324	2.390798e-275
[7,]	7.982647e-273	5.780924e-317	1.711269e-196
[8,]	1.080714e-232	1.446569e-295	9.579830e-178
[9,]	1.951234e-276	4.940656e-324	8.860577e-209
[10,]	4.759873e-277	4.940656e-324	1.839976e-222
[11,]	1.770135e-267	4.940656e-324	1.362903e-201
[12,]	1.715050e-244	3.804937e-306	4.737873e-180
[13,]	9.879259e-206	4.940656e-324	1.084724e-171
[14,]	1.824059e-191	5.598902e-285	5.944563e-184
[15,]	5.408214e-260	9.293829e-301	1.913077e-189
[16,]	7.813132e-177	1.493374e-222	4.998298e-100
[17,]	1.128474e-148	3.165516e-184	6.291361e-133
[18,]	2.785275e-224	6.575884e-304	7.189120e-156
[19,]	6.597952e-213	4.658236e-252	1.812685e-139
[20,]	2.886602e-214	6.188498e-274	6.266571e-166
[21,]	7.588583e-222	1.397407e-313	6.617973e-184
[22,]	1.694614e-257	4.940656e-324	8.451788e-187
[23,]	3.823742e-249	8.082583e-295	5.379563e-192
[1,]	F254_171120_024_H01	F254_160304_020_A01	F254_171120_012_C01
[2,]	3.22541e+03	5.701240e+03	3.874832e+03
[3,]	1.477947e-141	2.446686e-232	9.491357e-195
[4,]	5.540245e-170	8.541247e-188	1.334750e-183
[5,]	2.477615e-222	2.856265e-262	2.716624e-271
[6,]	3.226142e-259	1.117853e-244	1.099471e-312
[7,]	7.608488e-199	4.258274e-278	2.875655e-253
[8,]	1.873536e-168	3.239362e-281	8.826217e-246

[8,] 4.356265e-202 3.837827e-270 3.446528e-268  
[9,] 4.187111e-222 3.560989e-266 3.562149e-268  
[10,] 6.807340e-201 7.993698e-282 2.726177e-257  
[11,] 5.853130e-192 5.262982e-260 2.377612e-239  
[12,] 3.031818e-190 1.079239e-189 1.647701e-210  
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[3,] 7.668412e-199 1.514844e-272 8.714219e-146  
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[19,]	1.018735e-139	1.600299e-221	1.445341e-129
[20,]	3.362336e-205	4.944138e-152	1.496483e-37
[21,]	2.362605e-219	2.365788e-147	9.549833e-63
[22,]	1.450624e-227	1.216589e-153	3.645009e-42
[23,]	1.534687e-148	3.218409e-244	3.119964e-73
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[4,]	1.656950e-66	7.293819e-28	3.081616e-203
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[10,]	4.247632e-34	2.806430e+02	1.013738e-181
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[13,]	4.088037e-232	1.162913e-34	6.301572e-187
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[15,]	1.099289e-268	1.836699e-21	5.836088e-221
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[17,]	3.468099e-159	1.889734e-16	3.892271e-169
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[19,]	4.940656e-324	3.334537e-97	5.547568e-269
[20,]	1.478853e-194	1.247218e-17	2.539391e-141
[21,]	2.189482e-170	4.675864e+02	1.313077e-152
[22,]	1.041262e-179	3.875933e-10	7.213277e-169
[23,]	4.940656e-324	5.821062e-63	1.601475e-207
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[3,]	2.252519e-294	4.940656e-324	5.209012e+03
[4,]	4.067157e-265	4.940656e-324	1.993829e-270
[5,]	5.949095e-303	4.940656e-324	3.783005e-285
[6,]	4.386332e-240	4.940656e-324	4.606066e-245
[7,]	5.707952e-257	4.940656e-324	2.293947e-225
[8,]	5.067564e-263	4.940656e-324	4.591974e-255
[9,]	1.701795e-268	4.940656e-324	1.954198e-261
[10,]	4.769897e-233	4.940656e-324	2.754350e-238
[11,]	1.642560e-229	4.940656e-324	8.938110e-242
[12,]	4.336308e-272	4.940656e-324	9.071148e-138
[13,]	7.871265e-246	4.940656e-324	3.560777e-214
[14,]	5.907394e-252	4.940656e-324	8.927869e-261
[15,]	2.811230e-259	4.940656e-324	6.350392e-158
[16,]	4.292735e-284	4.940656e-324	2.262073e-63
[17,]	7.349916e-252	4.940656e-324	2.810222e-220
[18,]	9.029033e-177	4.940656e-324	6.506878e-183
[19,]	2.932716e-291	4.940656e-324	2.444079e-111
[20,]	6.612198e-203	4.940656e-324	2.641849e-245
[21,]	1.013391e-230	4.940656e-324	8.680124e-218
[22,]	5.616738e-214	4.940656e-324	7.419331e-249
[23,]	1.686346e-254	4.940656e-324	6.23201e-154
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[4,]	1.448946e-230	2.624250e-294	4.940656e-324
[5,]	4.358587e-262	4.940656e-324	4.940656e-324
[6,]	2.237031e-211	9.818700e-253	4.940656e-324
[7,]	2.082948e-214	6.132174e-262	4.940656e-324
[8,]	1.475060e-208	1.103517e-262	4.940656e-324
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[10,]	1.022444e-218	2.384686e-265	4.940656e-324
[11,]	6.690064e-224	1.442869e-272	4.940656e-324
[12,]	1.294948e-115	1.916398e-148	6.100727e-248
[13,]	1.897687e-177	3.294357e-225	4.940656e-324
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[15,]	1.150858e-138	1.403059e-166	6.773872e-237
[16,]	1.457266e-28	2.309918e-98	6.288293e-224
[17,]	4.824803e-203	4.202588e-252	4.940656e-324
[18,]	1.436089e-158	4.536788e-210	5.871150e-307
[19,]	2.311087e-77	1.736799e-163	8.493761e-226
[20,]	1.182866e-225	3.973744e-263	4.940656e-324
[21,]	1.204516e-219	2.582902e-279	4.940656e-324
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[23,]	1.150530e-95	2.299463e-152	8.414443e-287
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[6,]	3.079341e-271	2.322109e-322	1.563402e-274
[7,]	6.867805e-273	4.224564e-315	2.544733e-266
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[10,]	1.503449e-280	4.940656e-324	3.391381e-268
[11,]	5.770131e-262	4.940656e-324	7.494634e-273
[12,]	4.788383e-122	9.478923e-292	1.180007e-143
[13,]	7.932383e-232	4.940656e-324	1.551688e-239
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[15,]	1.150824e-185	9.165763e-252	1.673532e-231
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[19,]	3.824804e-122	7.096171e-198	2.988362e-202
[20,]	5.339284e-255	4.940656e-324	1.710237e-258
[21,]	3.999450e-272	8.491012e-320	3.118264e-270
[22,]	9.631018e-271	2.147879e-310	9.377665e-264
[23,]	1.396193e-127	1.118522e-229	4.344122e-212
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[4,]	1.155907e-240	1.097146e-289	4.940656e-324
[5,]	8.131349e-231	5.609223e-284	4.940656e-324
[6,]	9.314977e-261	1.535615e-249	4.940656e-324
[7,]	3.410062e-240	1.137432e-246	4.940656e-324
[8,]	2.765838e-209	4.482489e-257	4.940656e-324
[9,]	2.571299e-240	1.185555e-280	4.940656e-324
[10,]	4.432185e-263	4.445469e-268	4.940656e-324
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[2,]	7.148272e-224	1.028564e-161	1.907015e-192
[3,]	6.944689e+03	6.453966e+03	8.137965e+03

[4,]	4.940656e-324	3.436484e-294	3.780899e-315
[5,]	4.940656e-324	5.783843e-296	8.297407e-289
[6,]	3.154743e-296	7.980651e-291	1.597460e-287
[7,]	6.108963e-280	1.011369e-281	3.157699e-298
[8,]	3.439846e-292	1.124995e-281	6.213411e-290
[9,]	4.940656e-324	6.743009e-285	1.303685e-305
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[11,]	5.358668e-297	1.033812e-297	3.199815e-285
[12,]	3.206875e-177	6.063196e-182	3.033555e-175
[13,]	9.672099e-281	3.888441e-240	7.764510e-284
[14,]	3.839767e-296	1.123099e-294	8.251558e-295
[15,]	3.797089e-222	2.100120e-216	4.869897e-221
[16,]	1.057127e-140	1.503856e-119	3.432253e-165
[17,]	4.382388e-296	4.241308e-303	4.507757e-298
[18,]	3.567674e-225	1.868564e-230	6.048038e-260
[19,]	1.395821e-205	1.616810e-179	1.127830e-212
[20,]	2.630884e-302	4.373512e-311	9.092427e-299
[21,]	6.678186e-317	1.434273e-320	5.137680e-313
[22,]	1.267927e-293	8.963836e-283	1.166228e-302
[23,]	2.199445e-197	4.540855e-198	2.055620e-197
[1,]	F254_160405_016_H01	F254_160504_010_A01	F254_160715_005_F01
[2,]	5.706526e-273	4.606537e-228	1.239468e-298
[3,]	1.667439e-211	3.027244e-211	7.628933e-256
[4,]	7.276277e+03	8.556451e+03	8.143407e+03
[5,]	4.940656e-324	3.701863e-290	4.940656e-324
[6,]	4.940656e-324	1.733055e-314	4.940656e-324
[7,]	4.589173e-307	1.843068e-281	4.940656e-324
[8,]	1.718805e-319	4.320669e-296	4.940656e-324
[9,]	8.686834e-317	6.964544e-297	4.940656e-324
[10,]	4.940656e-324	1.234768e-285	4.940656e-324
[11,]	1.378443e-321	1.331812e-314	4.940656e-324
[12,]	1.022139e-309	3.356612e-290	4.940656e-324
[13,]	1.777338e-238	2.064028e-140	3.263175e-228
[14,]	3.506931e-267	3.566441e-247	2.778774e-308
[15,]	3.002330e-312	3.823337e-288	3.260833e-322
[16,]	3.290810e-270	4.996384e-219	1.461524e-249
[17,]	4.481530e-192	2.583029e-166	7.957214e-196
[18,]	1.977547e-319	3.916762e-289	4.940656e-324
[19,]	8.659437e-294	1.235649e-273	1.087622e-306
[20,]	2.056716e-164	1.038155e-156	8.791489e-206
[21,]	5.417684e-316	8.561045e-280	4.940656e-324
[22,]	4.940656e-324	2.752940e-285	4.940656e-324
[23,]	4.940656e-324	1.113587e-302	4.940656e-324
[1,]	F254_160715_009_A01	F254_160405_003_H01	F254_160616_015_B01
[2,]	2.113724e-186	7.767876e-222	9.426112e-98
[3,]	1.437571e-214	5.074611e-165	3.302613e-103
[4,]	1.671549e+03	6.553760e+03	5.952864e+03
[5,]	8.235485e-300	2.425162e-299	9.545090e-202
[6,]	1.383384e-322	4.940656e-324	1.680168e-196
[7,]	4.013539e-292	8.019339e-289	1.098437e-212
[8,]	1.020938e-289	3.938634e-280	4.858286e-195
[9,]	2.610642e-276	3.936547e-297	1.874691e-202
[10,]	3.837410e-292	1.183544e-299	9.362876e-206
[11,]	4.100726e-301	5.744546e-300	9.396804e-189
[12,]	5.690410e-251	6.515507e-282	8.535415e-206
[13,]	2.570205e-101	4.268214e-246	4.590903e-33
[14,]	3.065386e-245	3.413443e-261	3.062154e-186
[15,]	2.676886e-256	1.115799e-302	1.728212e-217
[16,]	2.203090e-189	1.080551e-219	4.769325e-106
[17,]	7.997837e-128	7.042254e-130	2.217711e-39
[18,]	2.612409e-282	3.977553e-300	6.866568e-190
[19,]	5.069696e-257	2.290822e-249	1.471764e-137
[20,]	4.911284e-146	6.051625e-170	2.302737e+02
[21,]	1.499721e-225	7.091056e-292	6.255694e-226
[22,]	1.607070e-275	6.019770e-304	2.114443e-200
[23,]	8.758902e-274	1.715901e-298	9.112593e-200
[1,]	F254_160715_002_C01	F254_170323_027_H01	F254_160504_006_B01
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[3,]	1.000564e-235	4.940656e-324	4.660927e-281
[4,]	7.676484e-174	2.806529e-292	4.964337e-74
[5,]	4.833590e+03	6.672197e+03	5.166639e+03
[6,]	1.089619e-313	4.940656e-324	4.137017e-226
[7,]	4.940656e-324	4.940656e-324	8.064458e-299
[8,]	2.576913e-278	4.940656e-324	3.145438e-192
[9,]	9.121470e-271	4.940656e-324	3.275498e-170
[10,]	7.105947e-288	4.940656e-324	6.315742e-215
[11,]	7.575190e-306	4.940656e-324	1.977007e-230
[12,]	6.259772e-286	4.940656e-324	5.553083e-203
[13,]	6.847448e-279	4.940656e-324	1.868537e-209
[14,]	5.348402e-134	4.744782e-270	4.766238e-126
[15,]	1.372253e-277	4.940656e-324	1.889433e-223
[16,]	6.148390e-202	4.940656e-324	5.639290e-202
[17,]	9.281478e-198	6.916352e-293	5.907953e-137
[18,]	7.709481e-173	2.042941e-283	4.428103e-112
[19,]	3.189770e-289	4.940656e-324	2.539367e-181
[20,]	1.811590e-213	4.940656e-324	2.561395e-112
[21,]	4.159076e-124	1.425181e-304	2.296509e-81
[22,]	1.958008e-276	4.940656e-324	1.567360e-216
[23,]	4.601211e-282	4.940656e-324	8.610907e-199
[1,]	F254_160718_006_H01	F254_160405_021_F01	F254_160405_009_H01
[2,]	1.857065e-286	4.940656e-324	3.257357e-215
[3,]	1.985523e-115	1.869451e-303	6.097841e-142
[4,]	1.120344e-240	3.887259e-240	8.134882e-236
[5,]	4.781895e-120	9.142885e-146	1.141799e-131
[6,]	5.914139e+03	7.683159e+03	8.585862e+03
[7,]	1.082734e-271	1.362945e-282	5.307873e-263
[8,]	2.672549e-266	4.940656e-324	1.329159e-283
[9,]	2.65606e-239	2.954604e-269	5.174055e-247
[10,]	5.327553e-126	1.456608e-278	2.481669e-241
[11,]	2.984991e-244	5.398939e-284	1.220143e-238
[12,]	3.464176e-263	9.792750e-285	7.675429e-250
[13,]	7.713218e-236	1.493654e-286	3.210030e-254
[14,]	2.384404e-244	2.396325e-288	7.225081e-226
[15,]	6.159383e-207	1.146573e-233	3.236411e-175
[16,]	4.522514e-227	2.646363e-259	4.247878e-210
[17,]	1.322367e-248	1.301014e-274	1.061657e-238
[18,]	1.053441e-178	4.677530e-226	6.509629e-215
[19,]	1.628903e-51	5.318943e-127	5.081427e-85
[20,]	3.296353e-219	4.746531e-254	4.273726e-226
[21,]	3.297894e-180	3.962573e-229	5.838635e-211
[22,]	5.667651e-110	6.393388e-160	1.483191e-111
[23,]	2.172969e-260	3.806549e-269	8.259476e-241
[1,]	F254_160707_009_H01	F254_160718_006_B01	F254_160405_010_E01
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[3,]	2.314232e-255	5.195969e-276	1.002982e-255
[4,]	7.652716e-141	7.325377e-197	6.597480e-130
[5,]	2.694260e-273	1.812988e-247	9.092624e-214
[6,]	2.178399e-204	5.751285e-201	1.039381e-116
[7,]	6.271741e+03	7.010060e+03	8.881942e+03
[8,]	4.940656e-324	4.940656e-324	1.434495e-274
[9,]	4.940656e-324	4.940656e-324	6.933895e-310
[10,]	1.196133e-320	1.030821e-295	8.401923e-251
[11,]	7.260838e-293	1.386331e-293	2.175673e-248
[12,]	4.940656e-324	1.831763e-301	6.698594e-238
[13,]	4.940656e-324	6.133593e-318	1.703902e-275
[14,]	2.147703e-320	8.776328e-295	2.421659e-262
[15,]	2.868282e-308	1.205304e-297	1.197160e-240
[16,]	1.403120e-208	4.745269e-192	1.714034e-135
[17,]	1.760962e-284	7.269573e-284	7.306477e-210



[14,]	1.801914e-315	5.631575e-290	3.599538e-253
[15,]	5.639267e-251	1.262185e-226	6.445866e-174
[16,]	7.226787e-146	3.908945e-145	6.854947e-105
[17,]	3.506918e-275	1.636947e-295	1.501434e-229
[18,]	3.703964e-218	1.585391e-256	3.271527e-189
[19,]	5.288507e-189	5.555341e-170	1.905758e-117
[20,]	5.139108e-311	9.104588e-293	5.306037e-239
[21,]	2.478641e-306	3.316599e-298	6.042334e-229
[22,]	1.757864e-297	6.719191e-302	2.785233e-237
[23,]	2.676492e-209	8.696219e-185	4.947655e-114
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[2,]	8.207405e-241	3.467947e-100	1.847894e-92
[3,]	5.763881e+03	9.058325e+03	8.837494e+02
[4,]	4.940656e-324	3.918590e-219	4.256990e-154
[5,]	4.940656e-324	2.873479e-233	2.321427e-181
[6,]	4.940656e-324	2.817627e-211	1.131632e-164
[7,]	2.579047e-312	1.661857e-204	2.809934e-146
[8,]	4.940656e-324	2.613226e-208	1.684842e-152
[9,]	4.940656e-324	9.247293e-223	1.221638e-177
[10,]	4.940656e-324	1.614063e-217	7.484977e-162
[11,]	4.940656e-324	7.256561e-208	8.232556e-163
[12,]	2.051241e-293	4.935731e-76	4.587736e+01
[13,]	4.940656e-324	3.673322e-166	7.572386e-97
[14,]	4.940656e-324	8.131070e-200	1.314983e-136
[15,]	1.570227e-250	6.524173e-117	3.951553e-55
[16,]	2.915229e-155	5.816034e-81	2.649104e-38
[17,]	7.855644e-322	1.809389e-193	2.569053e-137
[18,]	1.271449e-235	1.837807e-178	1.158483e-134
[19,]	5.046990e-215	4.072340e-70	3.628124e-07
[20,]	4.940656e-324	7.926391e-199	5.123871e-175
[21,]	4.940656e-324	4.720791e-206	5.425119e-164
[22,]	5.032628e-307	4.410786e-209	2.959694e-157
[23,]	9.242399e-282	4.938478e-23	3.277681e-33
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[2,]	6.474280e-96	2.543392e-220	2.958487e-191
[3,]	7.347196e+03	7.511507e+03	4.196275e+03
[4,]	7.048960e-232	4.940656e-324	3.038130e-287
[5,]	7.287550e-266	4.940656e-324	8.128956e-295
[6,]	1.524364e-216	7.947079e-314	4.308700e-275
[7,]	1.842669e-203	1.215585e-317	2.528802e-277
[8,]	1.811552e-214	1.482197e-322	3.850201e-285
[9,]	3.889172e-222	8.220372e-307	1.613934e-277
[10,]	1.153602e-214	4.940656e-324	6.801912e-315
[11,]	5.581646e-199	3.010062e-294	2.097205e-312
[12,]	9.853510e-94	6.850577e-216	2.688647e-130
[13,]	2.132836e-175	1.859987e-275	5.412071e-284
[14,]	1.389549e-199	9.948832e-318	4.546058e-279
[15,]	8.397177e-148	6.414872e-217	6.071732e-229
[16,]	3.417397e-79	2.571721e-184	1.2084570e-110
[17,]	6.111991e-202	2.232211e-303	7.472514e-255
[18,]	2.291836e-177	7.130753e-273	1.885067e-252
[19,]	6.285095e-110	3.417621e-157	1.704969e-183
[20,]	3.542538e-213	6.796522e-305	4.982270e-312
[21,]	2.362792e-216	3.472738e-319	1.041990e-298
[22,]	3.116187e-225	4.940656e-324	8.607789e-296
[23,]	8.166288e-97	2.912634e-230	1.629866e-182
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[2,]	5.753433e-173	3.523407e-202	6.156181e-151
[3,]	5.185784e+03	6.853297e+03	1.230193e+03
[4,]	1.861691e-317	3.128914e-259	1.911056e-271
[5,]	1.367826e-318	2.408526e-290	1.614036e-231
[6,]	1.380753e-290	1.141364e-267	1.273355e-281
[7,]	5.968760e-276	1.023635e-269	3.313241e-290
[8,]	1.259875e-286	7.694027e-261	3.126742e-271
[9,]	2.652706e-304	3.336448e-270	1.482445e-270
[10,]	3.518742e-314	1.313928e-269	9.420293e-275
[11,]	6.726015e-277	1.523564e-270	1.020339e-255
[12,]	6.337895e-216	5.337117e-131	3.076950e-72
[13,]	2.340178e-299	8.461704e-258	6.680470e-238
[14,]	1.040779e-302	2.201653e-267	1.468179e-294
[15,]	1.112085e-238	4.346727e-213	1.202897e-144
[16,]	1.713618e-124	9.131895e-72	3.828196e-47
[17,]	3.283081e-243	5.118390e-281	1.820890e-295
[18,]	2.204084e-240	8.741361e-261	1.914269e-227
[19,]	8.946802e-174	1.621052e-71	3.212530e-147
[20,]	4.940656e-324	3.709053e-266	4.942348e-265
[21,]	1.357348e-297	4.803742e-268	1.889517e-293
[22,]	8.870778e-285	1.824090e-285	2.894281e-282
[23,]	5.128750e-195	1.333254e-43	3.174086e-86
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[2,]	9.739671e-78	1.215726e-194	1.854672e-94
[3,]	5.840032e+03	1.536772e+04	6.198502e+03
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[5,]	1.045360e-96	4.940656e-324	2.770539e-261
[6,]	5.020261e-138	4.940656e-324	9.207734e-188
[7,]	1.120242e-127	4.023552e-310	4.886281e-187
[8,]	6.500365e-100	4.940656e-324	2.254196e-199
[9,]	1.535288e-132	4.940656e-324	1.825318e-209
[10,]	1.057133e-138	2.626367e-316	1.569037e-199
[11,]	1.712641e-138	6.558571e-314	6.488235e-193
[12,]	4.123660e-52	1.488201e-216	2.720918e-123
[13,]	1.818693e-77	6.568631e-285	1.124982e-178
[14,]	1.072816e-139	4.940656e-324	1.235120e-195
[15,]	1.153296e-106	2.564399e-268	4.896761e-132
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[17,]	2.368743e-164	1.251794e-311	6.506263e-203
[18,]	3.440709e-123	1.365042e-260	2.459637e-150
[19,]	2.225722e-58	1.101664e-214	5.189389e-33
[20,]	8.652752e-167	3.175702e-309	1.224938e-196
[21,]	1.506141e-169	4.940656e-324	8.575572e-199
[22,]	2.787733e-151	4.940656e-324	1.980058e-204
[23,]	2.854139e-74	2.225998e-237	1.192289e-110
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[2,]	1.591426e-193	1.220075e-192	6.247261e-95
[3,]	6.921675e+03	6.773087e+03	7.141117e+03
[4,]	5.867659e-281	6.638246e-288	9.886159e-253
[5,]	1.670323e-305	1.719936e-316	6.347379e-274
[6,]	1.152986e-268	2.681952e-263	6.371068e-231
[7,]	1.021294e-263	1.007815e-258	1.896002e-227
[8,]	3.101781e-277	1.763169e-264	6.139454e-238
[9,]	1.406454e-299	9.196947e-279	2.544960e-253
[10,]	2.767697e-296	1.042654e-269	2.571925e-247
[11,]	9.234995e-270	8.429822e-264	5.391849e-236
[12,]	6.497718e-204	1.720875e-171	1.116866e-76
[13,]	5.380055e-246	1.177489e-243	1.706646e-181
[14,]	1.562394e-277	9.740577e-265	4.763035e-235
[15,]	5.079370e-239	9.052436e-215	9.849865e-145
[16,]	2.687076e-138	3.752751e-158	6.112630e-95
[17,]	6.794125e-252	1.564770e-266	3.148815e-219
[18,]	2.503611e-243	9.272122e-234	7.950916e-168
[19,]	2.682857e-162	3.413460e-145	1.015905e-117
[20,]	2.606166e-268	3.073365e-260	4.468420e-242
[21,]	5.806229e-284	2.807001e-260	4.674873e-241
[22,]	1.769431e-277	5.759688e-273	4.297985e-246
[23,]	1.143494e-205	1.823653e-152	2.286943e-148

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[19,]	7.842601e-102	1.408209e-115	4.493935e-147
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[22,]	1.275005e-36	8.757776e-43	1.069062e-63
[23,]	1.224897e-139	2.030773e-152	5.789701e-149
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[7,]	1.265241e-29	2.767191e-17	1.508661e-16
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[18,]	1.848955e-05	5.980760e-117	1.514819e-16
[19,]	2.171399e-06	3.370894e-113	3.160329e-11
[20,]	2.488176e-94	3.991012e-183	7.303396e-99
[21,]	3.609328e-37	5.866470e-112	2.272886e-29
[22,]	3.248359e-17	2.752802e-117	1.750018e-29
[23,]	2.266934e-40	8.840116e-91	8.102695e-20
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[4,]	6.527194e-201	6.592425e-134	8.791425e-133
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[13,]	1.210550e-216	3.296563e-143	3.099340e-140
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[15,]	1.702827e-119	4.111438e-17	1.153381e-09
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[19,]	5.895201e-132	6.378505e-51	1.064800e-23
[20,]	9.472068e-199	1.144341e-136	6.950108e-105
[21,]	8.244681e-145	1.870309e-39	5.340391e-25
[22,]	6.933800e-134	5.651828e-24	2.191770e-08
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[4,]	6.003159e-97	6.129559e-104	5.684127e-130
[5,]	8.042833e+02	3.981545e+02	7.145534e+02
[6,]	3.119347e+03	2.793103e+03	2.967027e+03
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[10,]	8.295243e-04	2.278120e+01	5.158068e-22
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[18,]	3.152750e-30	1.042983e-39	6.027196e-25
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[21,]	1.419021e-27	2.373819e-40	1.532213e-26
[22,]	2.567415e-26	2.618574e-26	4.485799e-34
[23,]	8.735516e-14	1.426566e-32	4.989367e-36
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[4,]	1.004606e-34	6.386803e-24	1.760981e-62
[5,]	1.507490e-112	4.403832e-113	5.037330e-137
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[21,]	1.373438e-101	3.844686e-83	9.023077e-120
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[23,]	1.364291e-25	4.129578e-15	5.977923e-25
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[7,]	5.506829e-04	2.354843e+03	3.951851e-16
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[21,] 2.134220e-31 1.696945e-53 1.370822e-210  
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[4,] 3.790329e-68 5.772967e+02 6.146572e-101  
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[7,] 6.862968e-80 6.397197e-03 9.379341e-136  
[8,] 1.926461e-74 2.051804e-10 1.905937e-119  
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[3,] 4.748808e-134 1.224250e-111 9.795171e-127  
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[5,] 5.776892e+03 7.633030e+02 3.668089e+03  
[6,] 2.162414e-08 4.922314e+02 3.098154e+03  
[7,] 1.882845e-20 8.629214e+00 1.728080e-03  
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[17,] 4.971662e-47 2.271287e+01 3.867278e-15  
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[19,] 4.709906e-132 2.896293e-90 9.044498e-103  
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[22,] 4.011301e-43 3.613984e-31 3.053507e-39  
[23,] 5.098311e-147 2.158232e-106 2.558652e-129

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[4,] 1.988399e-79 1.253171e-84 5.691008e+02  
[5,] 4.012417e+03 5.661949e+03 3.390679e+03  
[6,] 1.636996e-64 1.956749e-94 7.619779e+02  
[7,] 2.411107e-69 5.651005e-110 2.166780e-02  
[8,] 2.808175e-62 4.862673e-96 2.310446e-14  
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[20,]	2.03211e-97	2.159496e-146	1.141290e-43
[21,]	2.320460e-83	5.952797e-137	2.042201e-34
[22,]	8.882128e-88	2.043602e-111	1.012463e-42
[23,]	6.518102e-189	5.406654e-196	4.362216e-139
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[2,]	1.612923e-23	2.745554e-115	5.505327e-01
[3,]	5.457803e-135	1.210773e-174	3.424585e-101
[4,]	3.458292e+02	2.104403e-46	1.424865e+03
[5,]	9.909948e+02	4.188997e+03	2.088850e+03
[6,]	6.285510e+02	5.772449e-76	1.614985e+03
[7,]	3.701949e-10	6.646065e-92	1.681354e-09
[8,]	5.519469e-26	1.366375e-82	1.394607e-06
[9,]	1.564473e+02	2.428374e-83	1.581574e-01
[10,]	2.172906e-31	2.536090e-115	3.545681e-04
[11,]	3.598349e-50	9.890948e-101	2.457994e-13
[12,]	4.276466e-124	1.316555e-197	2.769522e-107
[13,]	3.663735e-48	4.766055e-93	1.643424e-18
[14,]	6.985766e-06	2.568966e-88	1.465619e+01
[15,]	1.570371e-103	4.561116e-125	6.508469e-79
[16,]	7.246778e-74	1.690960e-141	6.180925e-44
[17,]	2.972900e-29	2.503086e-97	1.023380e-38
[18,]	1.886883e-08	2.912679e-122	2.249769e-24
[19,]	4.009716e-110	4.058455e-174	2.683004e-87
[20,]	1.399410e-49	1.934535e-120	6.941348e-13
[21,]	9.06189e-27	9.290662e-109	1.110640e-13
[22,]	2.995901e-37	1.117461e-104	1.768902e-26
[23,]	3.625341e-149	6.621367e-207	1.718923e-116
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[2,]	1.534128e-34	1.848096e-46	6.807133e-83
[3,]	3.034089e-119	2.177304e-139	2.291373e-162
[4,]	2.369935e-01	2.517844e-41	5.913089e-60
[5,]	3.678535e+03	6.972198e+03	5.634612e+03
[6,]	5.028752e+03	3.393119e-16	1.831508e-53
[7,]	3.079119e-30	9.309959e-41	2.096017e-49
[8,]	7.082193e-05	2.441866e-29	1.040336e-66
[9,]	2.294915e+02	3.353076e-28	1.925560e-76
[10,]	3.583925e-19	1.528373e-33	1.506295e-66
[11,]	9.870159e-31	1.175992e-50	1.248636e-71
[12,]	3.959980e-128	3.513857e-139	2.410451e-181
[13,]	1.786386e-11	4.825530e-50	1.757730e-95
[14,]	1.159100e-15	2.584993e-35	1.314401e-61
[15,]	1.683727e-96	3.748041e-81	1.653979e-133
[16,]	4.249694e-64	1.277305e-75	3.419955e-127
[17,]	9.204547e-20	5.211836e-47	4.311522e-62
[18,]	6.353594e-23	2.032338e-32	9.024638e-73
[19,]	2.970659e-92	8.856934e-132	3.896748e-140
[20,]	3.725390e-36	4.033375e-40	1.140229e-85
[21,]	8.074255e-30	1.474168e-50	1.214327e-75
[22,]	1.889910e-35	3.108963e-50	3.468706e-80
[23,]	2.952634e-143	6.717801e-156	3.703311e-192
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[2,]	3.699705e-26	1.159681e-54	5.711406e-97
[3,]	1.279987e-149	3.148543e-174	8.261935e-184
[4,]	2.108034e+03	5.613656e-34	9.376383e-47
[5,]	3.028485e+03	1.302072e+04	2.53549e+03
[6,]	1.908525e+03	1.088221e-32	6.249611e-60
[7,]	5.415826e-18	2.812083e-41	1.597709e-49
[8,]	2.977011e-18	1.136702e-36	5.938087e-65
[9,]	2.681943e+00	1.184886e-37	1.238900e-56
[10,]	5.190288e-20	1.435342e-42	1.180001e-71
[11,]	3.838424e-37	5.864509e-55	4.300444e-74
[12,]	1.458419e-173	3.920793e-180	6.881820e-187
[13,]	1.638278e-45	1.421117e-60	2.780340e-82
[14,]	3.475784e-24	3.761941e-52	6.667413e-66
[15,]	3.185461e-111	1.438973e-113	1.035594e-112
[16,]	1.020615e-79	4.614587e-96	2.177293e-120
[17,]	8.042451e-49	2.091294e-54	1.032015e-73
[18,]	1.509992e-31	9.360615e-23	9.166998e-75
[19,]	1.212417e-134	1.969191e-159	3.553199e-118
[20,]	6.186710e-40	5.061856e-65	1.501653e-74
[21,]	3.375785e-44	1.093851e-52	2.609940e-74
[22,]	3.304873e-35	6.002122e-51	9.016920e-72
[23,]	1.218915e-149	1.419817e-193	2.503354e-138
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[2,]	7.537409e-14	1.829299e-60	1.068448e-40
[3,]	1.503618e-124	2.652519e-166	2.277212e-114
[4,]	6.823838e+02	7.227596e-70	1.107915e+03
[5,]	4.485680e+03	8.153798e+03	2.636492e+03
[6,]	1.308089e+03	1.198703e-65	6.090128e+02
[7,]	3.971041e-14	9.022017e-89	9.796809e-07
[8,]	6.180136e-15	2.125177e-75	1.680028e-15
[9,]	6.075712e+02	1.255156e-66	2.302521e-18
[10,]	6.776317e-17	1.040218e-87	2.453212e-23
[11,]	4.228900e-36	1.682691e-98	5.581873e-41
[12,]	1.198923e-103	3.076349e-180	7.233565e-143
[13,]	3.217021e-23	1.208177e-67	1.806053e-50
[14,]	6.603016e-24	3.112406e-82	4.458065e-24
[15,]	8.572608e-86	1.088449e-145	4.507297e-112
[16,]	2.043933e-82	4.364985e-114	2.278763e-72
[17,]	4.021265e-45	1.972857e-93	1.827066e-22
[18,]	1.743869e-31	1.885222e-66	8.417809e-23
[19,]	4.001444e-118	9.422782e-168	7.006768e-98
[20,]	1.038811e-44	2.296159e-103	2.170695e-50
[21,]	7.133530e-42	7.726137e-99	1.021064e-37
[22,]	4.198356e-43	2.686560e-71	3.450045e-39
[23,]	5.555192e-151	1.124265e-195	1.160480e-137
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[2,]	9.505622e-38	1.908112e-144	2.275765e-22
[3,]	1.081589e-113	9.419016e-222	5.364200e-130
[4,]	1.714330e+03	5.579486e-138	9.802053e+02
[5,]	2.776097e+03	6.107388e+03	4.713718e+03
[6,]	1.809367e+03	6.926451e-153	1.226316e+03
[7,]	1.237981e-11	5.924560e-166	1.130145e-09
[8,]	2.402197e-18	2.320568e-138	3.081534e-16
[9,]	5.483877e-14	1.174654e-141	9.400097e-18
[10,]	4.557911e-18	6.360681e-178	2.720835e-26
[11,]	1.775639e-36	5.743500e-154	5.619617e-37
[12,]	1.038811e-44	1.683247e-210	3.673985e-122
[13,]	3.420936e-51	2.922318e-110	1.074343e-35
[14,]	1.839269e-27	8.690064e-157	6.817754e-26
[15,]	1.980936e-90	1.567997e-180	1.096524e-78
[16,]	2.008333e-63	1.898136e-180	2.740153e-67
[17,]	5.567244e-35	1.993769e-176	1.562127e-29
[18,]	4.386746e-52	3.601445e-184	7.061179e-13
[19,]	7.741497e-105	1.456477e-230	2.805850e-112
[20,]	3.213530e-40	4.867620e-178	1.643020e-46
[21,]	1.248279e-33	1.440735e-176	1.364905e-38
[22,]	3.202948e-51	1.453206e-141	6.610814e-35
[23,]	4.077986e-113	1.693554e-224	1.693935e-136
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[2,]	3.863483e-182	3.804203e-33	7.795509e-12
[3,]	2.115152e-230	1.299239e-135	4.030850e-114

[4,]	4.821451e-145	4.278861e-03	5.386929e+02
[5,]	4.583129e+03	8.561491e+03	3.436565e+03
[6,]	5.970707e-177	3.388896e+01	4.653673e+03
[7,]	2.487569e-198	1.585031e-20	2.735455e-12
[8,]	2.671001e-158	2.747731e-07	3.840038e-19
[9,]	8.344815e-145	1.674097e-01	9.275557e+00
[10,]	5.015791e-215	2.370755e-18	3.648615e-06
[11,]	2.381292e-191	1.946562e-30	2.728686e-14
[12,]	2.352015e-177	2.064064e-119	9.374563e-146
[13,]	4.074992e-131	1.338904e-34	1.109125e-21
[14,]	1.706859e-177	5.977441e-20	1.496495e-13
[15,]	3.205260e-181	1.214093e-77	6.539279e-70
[16,]	5.645873e-208	1.856768e-73	2.776997e-69
[17,]	1.205298e-206	3.773383e-40	6.797999e-33
[18,]	9.989115e-218	2.599846e-38	3.061197e-35
[19,]	8.926151e-217	5.902844e-107	3.594222e-119
[20,]	8.417619e-218	2.782924e-40	2.452390e-30
[21,]	9.710139e-220	2.489870e-32	9.736290e-20
[22,]	2.100851e-182	6.631184e-40	3.552007e-35
[23,]	1.743955e-233	2.097610e-114	1.554225e-125
[1,]	F254_170516_014_H01	F254_170126_015_C01	F254_160818_007_B01
[2,]	1.385356e-136	2.586155e-158	2.577724e-142
[3,]	3.474199e-59	3.862047e-180	7.894386e-53
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[5,]	5.643050e-36	4.211401e-135	1.922216e-19
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[17,]	1.117101e-51	1.305795e-12	1.252909e-30
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[21,]	1.592262e-77	1.610153e-22	1.213664e-41
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[10,] 3.831342e-22 1.209915e-18 8.525093e-30  
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[10,]	1.409440e-30	1.907848e-20	9.636243e-16
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[13,]	3.707521e-05	2.886240e-66	8.957813e-23
[14,]	1.001053e-34	2.229798e-08	2.480033e+02
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[17,]	1.212719e-58	1.547302e-22	4.857278e-15
[18,]	1.207930e-30	2.001649e-29	6.031097e-30
[19,]	4.375096e-115	5.028008e-137	2.358087e-104
[20,]	2.669471e-48	4.933998e-39	2.111149e-11
[21,]	1.539391e-44	6.414862e-11	1.330481e+02
[22,]	3.210523e-34	1.511076e-31	2.266257e-19
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[4,]	3.722310e-134	2.268688e-138	4.287403e-149
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[9,]	3.973918e-30	3.099243e-35	4.172052e-21
[10,]	8.602480e-50	7.176588e-40	1.033535e-22
[11,]	4.609591e-31	7.439681e-23	1.215060e-28
[12,]	8.317057e-38	1.083501e-29	1.729692e-45
[13,]	1.321705e-129	2.749897e-148	1.494179e-148
[14,]	1.270584e-45	2.279071e-55	1.490260e-45
[15,]	3.085892e-08	8.804296e-02	9.686896e-34
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[17,]	1.719695e-74	1.308737e-83	6.446948e-80
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[19,]	7.340027e-30	5.607065e-26	6.836112e-37
[20,]	1.862083e-117	3.868944e-121	2.608926e-127
[21,]	3.763814e-47	2.188943e-32	1.637526e-54
[22,]	1.101969e-40	3.195718e-23	4.881268e-40
[23,]	3.652677e-28	2.993860e-44	9.973919e-41
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[4,]	3.665054e+02	2.654919e-31	2.637075e-60
[5,]	5.449786e-25	9.309276e-23	1.363973e+03
[6,]	1.537911e-11	3.616434e-43	3.848279e-39
[7,]	6.133033e+03	6.952772e+03	5.505888e+03
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[9,]	2.757207e-08	5.545856e-45	5.018870e-55
[10,]	6.208708e-20	4.397021e-25	8.931197e-50
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[12,]	6.629830e-119	9.889418e-152	1.138131e-164
[13,]	7.398750e-33	8.116831e-36	3.264753e-65
[14,]	3.399831e-25	4.364591e-24	1.587639e-10
[15,]	6.040405e-99	2.206446e-82	2.577789e-80
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[17,]	6.515624e-49	1.588743e-48	4.049826e-29
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[19,]	6.680398e-113	2.595426e-138	3.265878e-118
[20,]	1.316452e-44	2.513243e-44	2.147977e-62
[21,]	2.886160e-35	7.819996e-46	2.995476e-54
[22,]	8.289178e-47	3.024178e-33	1.001063e-45
[23,]	1.180629e-133	1.079597e-143	1.708192e-156
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[4,]	2.603295e-122	2.717369e-144	6.806039e-145
[5,]	2.968903e-14	3.681972e-07	1.676823e-12
[6,]	3.739704e-09	1.350939e-20	5.214529e-42
[7,]	1.204984e-16	3.201961e-05	3.470116e-20
[8,]	6.291530e+03	5.825805e+03	2.965769e+03
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[10,]	8.063718e-14	6.868221e+02	2.131356e-10
[11,]	4.934419e-15	9.896963e-21	1.239631e-13
[12,]	2.482948e-29	8.222479e-22	9.654874e-35
[13,]	1.971755e-121	6.878404e-154	2.690564e-155
[14,]	5.718284e-33	8.656442e-35	2.590789e-56
[15,]	1.850820e-22	1.194215e-28	1.612436e-27
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[17,]	8.330332e-75	5.894698e-92	4.237444e-83
[18,]	2.002397e-21	6.154216e-24	3.568923e-49
[19,]	9.230370e-41	2.826128e-57	2.701476e-27
[20,]	2.184692e-106	3.893038e-129	7.563866e-123
[21,]	1.866537e-37	2.802720e-34	3.716098e-41
[22,]	1.087191e-33	4.898500e-29	1.124815e-44
[23,]	1.853136e-43	4.869778e-49	3.128851e-46
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[4,]	3.359904e-165	1.169182e-114	5.356284e-134
[5,]	4.785125e-30	9.392738e-08	1.014014e-03
[6,]	1.381699e-36	8.436932e+02	1.164441e-03
[7,]	2.683728e-01	1.505782e-02	2.013584e-15
[8,]	2.741521e+03	4.624886e+03	8.012666e+03
[9,]	7.007077e-28	1.249129e-22	6.530014e-05
[10,]	1.321068e-30	1.583534e-22	1.837474e-08
[11,]	7.682702e-27	1.207967e-19	3.355646e-16
[12,]	1.104003e-37	5.380161e-03	1.123572e-29
[13,]	3.171394e-130	1.057363e-120	2.600752e-136
[14,]	6.623829e-61	2.870446e-27	1.081088e-30
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[16,]	1.485004e-93	6.836272e-73	1.311287e-90
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[18,]	2.523147e-11	8.864828e-08	4.509157e-46
[19,]	9.009789e-18	2.056131e-40	2.212479e-32
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[21,]	2.291856e-27	7.143457e-18	9.733971e-41
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[23,]	2.102945e-168	2.255831e-27	1.958253e-31
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[3,]	7.757829e-34	1.541104e-87	1.686639e-56
[4,]	1.111975e-173	1.454912e-154	1.453702e-142
[5,]	3.956481e-44	9.072825e+02	1.052425e+03
[6,]	3.679020e-22	9.493788e-33	7.730566e-22
[7,]	6.836469e+03	1.536157e-15	1.137737e-18
[8,]	2.488034e-15	7.008476e+03	6.894247e+03
[9,]	4.452770e-23	1.218477e+03	4.344673e-05
[10,]	7.514388e-20	1.502820e+01	1.568993e+00
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[12,]	1.026981e-149	1.111520e-35	7.007352e-26
[13,]	3.948590e-50	6.797252e-155	1.686512e-147
[14,]	5.424423e-30	7.030763e-60	4.582202e-23
[15,]	6.721160e-105	6.468234e-34	1.596579e-29
[16,]		8.405692e-132	3.512950e-93

[16,]	2.345084e-98	1.196074e-107	1.025191e-95
[17,]	1.698228e-29	3.286011e-41	3.595459e-51
[18,]	8.351433e-39	6.853054e-65	6.903818e-67
[19,]	9.224479e-133	5.267315e-134	1.097005e-128
[20,]	2.722710e-48	1.283618e-43	3.229650e-40
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[22,]	4.092018e-46	1.104351e-60	3.074814e-52
[23,]	2.637247e-173	3.261743e-181	2.471623e-138
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[3,]	1.894837e-145	2.771654e-170	3.868927e-168
[4,]	3.053190e-10	1.311077e-50	7.265431e-23
[5,]	2.347049e-24	2.104289e-71	1.012511e-26
[6,]	2.547483e-20	2.715780e-45	9.550068e-09
[7,]	8.410317e+03	2.304017e+03	7.743998e+03
[8,]	2.516868e+00	7.148657e-48	1.148085e-12
[9,]	5.503330e+00	6.105230e-56	2.631889e-21
[10,]	4.75694e-10	1.386249e-43	5.492282e-24
[11,]	2.436955e-40	2.265356e-57	3.466801e-35
[12,]	4.717150e-132	7.224369e-169	3.813819e-168
[13,]	1.211486e-45	8.813108e-67	1.166395e-48
[14,]	4.171605e-29	1.567985e-47	1.821451e-13
[15,]	1.025859e-95	8.901950e-114	5.777014e-111
[16,]	9.189745e-92	3.255927e-97	7.304563e-100
[17,]	6.004638e-44	1.445021e-43	2.254860e-09
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[19,]	1.376309e-116	1.513321e-129	6.569128e-139
[20,]	1.625967e-49	2.311616e-61	4.698725e-43
[21,]	1.199891e-46	3.824384e-48	1.034448e-23
[22,]	1.382864e-53	9.579027e-56	2.323535e-47
[23,]	1.909225e-166	2.163662e-179	9.953736e-168
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[3,]	1.398051e-130	1.400007e-157	7.690212e-152
[4,]	1.361993e-05	2.495341e-16	6.810565e-21
[5,]	3.014583e-36	3.388445e-21	1.131566e-22
[6,]	8.585807e-07	6.654552e-10	1.565351e-26
[7,]	2.794700e+03	8.055650e+03	3.085951e+03
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[10,]	1.947950e-11	4.190327e-14	6.940163e-34
[11,]	5.368754e-42	6.154350e-36	1.817080e-34
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[13,]	1.434246e-17	8.881082e-59	9.304663e-44
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[15,]	5.684301e-84	1.558282e-115	1.827687e-82
[16,]	6.895298e-86	6.919172e-109	3.017962e-74
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[19,]	1.549109e-110	2.391664e-126	4.672175e-111
[20,]	3.057371e-50	7.799093e-46	6.250275e-50
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[21,]	4.359573e-30	1.017117e-32	2.843222e-39
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[23,]	3.406940e-103	3.526566e-114	1.060962e-146
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[1,]	7.528597e-105	4.413305e-130	1.691476e-61
[2,]	5.545002e-28	3.461276e-50	5.280630e-02
[3,]	4.781408e-134	6.911090e-151	1.600620e-128
[4,]	1.057661e-31	6.905151e-34	5.672712e-26
[5,]	2.689118e-64	9.507417e-21	3.034414e-19
[6,]	7.916781e-09	3.992847e-35	7.681441e-02
[7,]	9.071658e-16	3.611332e-26	3.507406e-36
[8,]	6.078701e+03	6.930660e+03	3.753854e+03
[9,]	8.598236e-11	9.165629e-43	3.893607e-05
[10,]	3.530669e+02	2.294719e-37	1.531686e+03
[11,]	6.35349e-43	4.359950e-68	1.456393e-28
[12,]	1.168626e-117	2.811977e-134	3.059157e-109
[13,]	7.142842e-50	1.782016e-63	1.171666e-16
[14,]	3.116277e-25	4.146211e-33	5.152962e-14
[15,]	1.542518e-67	2.037784e-100	1.881820e-69
[16,]	9.119502e-74	2.729238e-77	3.191075e-64
[17,]	3.828959e-29	4.746985e-51	1.613693e-37
[18,]	7.654651e+02	8.380301e-35	1.178478e-14
[19,]	4.074140e-93	2.362204e-113	3.547774e-112
[20,]	2.206802e-44	1.308579e-82	3.491187e-24
[21,]	4.308761e-32	4.918631e-74	7.700853e-14
[22,]	2.832520e-45	1.486957e-56	3.204100e-30
[23,]	1.301068e-132	2.810263e-156	2.031322e-115
F254_161207_006_B01	F254_160128_024_D01	F154_161209_002_C01	
[1,]	4.076091e-157	7.260103e-133	1.072419e-120
[2,]	2.023294e-59	1.103057e-53	1.068729e-21
[3,]	1.060916e-152	9.439986e-154	1.341229e-168
[4,]	2.646507e-25	7.647503e-23	3.255815e-55
[5,]	2.108045e-51	9.216481e+02	1.516156e-47
[6,]	4.311411e-12	1.095152e+03	2.857099e-36
[7,]	1.484121e-37	7.830926e-05	1.089048e-36
[8,]	5.339771e+03	7.120479e+03	6.762078e+03
[9,]	9.796527e+02	1.137291e-34	5.289273e-45
[10,]	8.523250e+02	1.689315e-27	6.519048e-30
[11,]	1.270935e-55	1.583527e-32	4.325381e-61
[12,]	3.641893e-164	3.108035e-164	2.187491e-140
[13,]	1.396151e-55	1.204556e-74	7.139439e-43
[14,]	4.262959e-37	7.531224e+00	6.254182e-44
[15,]	1.244765e-122	3.127527e-104	8.422181e-91
[16,]	1.653674e-105	2.751830e-92	8.350539e-78
[17,]	1.893393e-67	1.060055e-18	1.248747e-61
[18,]	1.673006e-69	7.393412e-04	4.250453e-35
[19,]	1.532195e-142	1.237417e-130	3.244323e-120
[20,]	2.359330e-47	1.000017e-32	1.197314e-85
[21,]	2.769895e-46	1.043505e-34	1.468577e-70
[22,]	3.460213e-67	3.924542e-25	1.293661e-63
[23,]	1.481843e-178	7.254663e-173	5.387407e-155
F254_161121_002_C01	F254_160317_029_A01	F254_160426_011_F01	
[1,]	8.494352e-106	8.381183e-140	5.591307e-99
[2,]	3.596638e+02	8.281177e-87	7.273138e-20
[3,]	4.048548e-106	5.385696e-150	8.667599e-148
[4,]	5.066010e-29	3.369018e-06	1.315599e-28
[5,]	3.446413e-21	6.027026e+02	3.622391e-24
[6,]	1.670242e-02	1.213947e-29	9.100039e-32
[7,]	1.210411e+02	3.153941e-39	2.166843e-32
[8,]	3.618683e+03	6.851286e+03	7.140983e+03
[9,]	5.709386e-12	5.988635e-19	6.668928e-18
[10,]	1.377137e+03	5.528785e-52	2.747571e-38
[11,]	3.488907e-18	9.109959e-44	1.713476e-47
[12,]	4.179355e-110	1.205447e-161	3.420090e-132
[13,]	5.302550e-35	7.369009e-37	4.295159e-35
[14,]	1.940150e+02	6.345069e-33	8.161632e-41
[15,]	2.715478e-49	6.246850e-112	2.202045e-120
[16,]	1.217772e-51	1.366513e-87	4.653096e-89
[17,]	4.013496e+00	1.786900e-68	6.195350e-65
[18,]	3.680818e+02	5.086885e-90	7.342616e-63
[19,]	1.360648e-89	9.404410e-146	2.709039e-127
[20,]	1.319923e-04	1.745053e-75	1.118376e-61
[21,]	2.231245e+01	2.982852e-66	1.738022e-57
[22,]	1.259235e+00	7.341871e-73	8.853547e-58
[23,]	8.519252e-105	7.360683e-191	3.280940e-136
F254_160706_003_F01	F254_160428_012_C01	F254_160120_021_B01	
[1,]	5.181586e-116	1.807911e-134	1.935446e-109
[2,]	2.176280e-47	1.264321e-58	1.087094e-16
[3,]	3.767460e-143	6.108861e-151	2.625141e-140
[4,]	2.269551e-23	3.610041e-27	2.763626e-25
[5,]	1.004641e-46	9.262241e-56	2.614094e-11
[6,]	1.124790e-11	1.516932e-08	4.224510e-13
[7,]	1.024515e-10	8.407973e-21	8.775430e-22
[8,]	7.134204e+03	7.884561e+03	5.858443e+03
[9,]	4.637060e-23	7.184933e-05	2.609194e-04
[10,]	2.069161e-08	1.498241e+02	5.061017e+02
[11,]	1.344258e-21	2.804925e-34	3.334989e-30
[12,]	1.674900e-136	1.513783e-160	4.274854e-133
[13,]	1.282521e-39	3.807356e-43	6.972565e-40



[14,]	2.226271e-06	2.199099e-15	1.721295e-21
[15,]	2.295539e-08	3.670860e-101	5.519439e-92
[16,]	2.650799e-73	3.726195e-83	3.775412e-77
[17,]	1.532647e-31	5.769372e-52	9.533504e-41
[18,]	2.481829e-28	2.562587e-52	4.008790e-31
[19,]	2.729455e-114	1.710383e-137	9.651613e-107
[20,]	5.276841e-40	3.145942e-29	1.482611e-48
[21,]	7.073579e-30	9.760171e-32	3.782996e-36
[22,]	1.091936e-32	7.674654e-56	5.915178e-34
[23,]	2.586621e-151	6.275686e-152	1.107992e-132
F254_161207_019_H01	F254_160120_026_D01	F254_160706_003_E01	
[1,]	4.742466e-122	2.279130e-149	2.189217e-131
[2,]	2.320332e-33	3.161670e-55	1.268065e-72
[3,]	3.342618e-151	9.884125e-148	2.559310e-144
[4,]	8.040588e-27	4.158001e-05	1.525650e+00
[5,]	7.041566e-61	4.321429e-24	2.509208e+02
[6,]	2.434675e-22	2.927494e-30	6.534716e-10
[7,]	7.620950e-17	2.417915e-15	6.221039e-26
[8,]	7.329213e+03	4.898717e+03	6.003365e-21
[9,]	1.792348e-22	7.585794e-13	7.311462e+03
[10,]	2.478438e-14	5.515795e-26	2.784573e-34
[11,]	7.936008e-29	1.106751e-48	1.577328e-47
[12,]	1.714514e-159	3.436817e-145	6.507106e-149
[13,]	1.008782e-51	1.387244e-72	5.372908e-55
[14,]	4.535915e-31	1.363426e-37	1.987824e-43
[15,]	1.884810e-108	2.681585e-122	2.854788e-109
[16,]	2.786011e-77	7.979396e-93	7.156225e-85
[17,]	2.846049e-41	3.325830e-43	8.805733e-49
[18,]	3.072877e-22	2.886564e-23	1.550975e-50
[19,]	1.684508e-131	9.711337e-119	6.587381e-113
[20,]	7.228888e-45	1.120336e-60	6.400324e-63
[21,]	1.478014e-45	3.735623e-56	1.885131e-49
[22,]	2.729671e-54	7.537474e-44	1.953296e-59
[23,]	5.254807e-159	7.839319e-163	1.187547e-163
F254_160321_016_H01	F254_180228_021_H01	F254_170519_005_G01	
[1,]	8.401327e-119	2.162302e-153	4.531408e-132
[2,]	1.249000e-66	8.355486e-54	1.179220e-68
[3,]	3.690731e-158	5.651514e-156	1.024860e-158
[4,]	1.875566e-26	2.495940e+02	1.009941e-18
[5,]	1.222663e-29	3.305152e-11	3.008786e-53
[6,]	4.971148e-27	1.731081e+01	4.964330e-28
[7,]	4.410155e-51	9.432426e-20	3.630154e-37
[8,]	3.110554e-24	4.272516e-06	2.208773e-29
[9,]	1.229857e+04	1.780239e+03	9.888023e+03
[10,]	4.568569e-39	1.664268e-29	1.622253e-36
[11,]	6.907994e-66	4.220858e-60	8.536400e-50
[12,]	6.879869e-158	4.255024e-148	2.127044e-166
[13,]	2.096595e-72	1.496690e-71	1.263066e-57
[14,]	3.115674e-53	1.071563e-31	2.077064e-41
[15,]	1.868324e-115	4.920858e-97	4.869022e-103
[16,]	3.056109e-104	4.854373e-107	6.998839e-100
[17,]	6.262953e-69	5.462447e-24	1.301412e-53
[18,]	1.407136e-64	3.036485e-15	2.038800e-66
[19,]	3.235297e-128	6.232258e-110	3.411985e-147
[20,]	5.466875e-63	4.708311e-51	1.429296e-50
[21,]	1.351184e-64	6.325175e-46	2.585030e-46
[22,]	3.164007e-67	5.354816e-47	4.265575e-70
[23,]	9.913222e-166	5.045939e-154	1.989195e-161
FV54_171003_509_A01	F254_160126_031_H01	F254_160426_010_A01	
[1,]	4.013374e-102	7.403272e-73	2.397240e-82
[2,]	6.602846e+01	1.362816e-39	1.463212e-42
[3,]	2.708667e-136	1.044886e-113	3.524205e-136
[4,]	6.050031e-01	1.796464e-21	9.017516e-20
[5,]	9.073834e-85	2.867378e+02	1.454825e-38
[6,]	1.041329e-12	3.413742e-19	7.986067e-23
[7,]	2.283590e+02	1.338120e-39	2.504019e-32
[8,]	6.169168e-21	4.307166e-06	1.501067e-13
[9,]	2.824296e+03	5.143740e+03	7.071764e+03
[10,]	3.296544e+02	3.155485e-26	7.218758e-29
[11,]	5.384305e-22	1.255140e-35	4.143087e-44
[12,]	8.959798e-126	5.939981e-102	1.037631e-147
[13,]	5.207930e-22	5.932736e-23	1.784811e-28
[14,]	2.150938e-12	4.857042e-28	9.465648e-52
[15,]	2.163132e-49	8.326179e-76	2.504881e-84
[16,]	5.595891e-69	3.543203e-67	3.598244e-83
[17,]	8.404092e-32	1.822669e-48	4.145833e-48
[18,]	6.746254e-04	6.277455e-48	1.302348e-48
[19,]	2.369173e-101	1.610364e-97	4.091168e-109
[20,]	7.203191e-28	3.049137e-56	4.705951e-58
[21,]	2.328475e-01	2.486301e-39	5.618558e-35
[22,]	7.503247e-33	7.901588e-39	5.522997e-52
[23,]	1.358712e-113	7.541804e-113	1.703708e-127
F254_160706_001_H01	F254_160129_001_H01	F254_160706_035_G01	
[1,]	6.726426e-150	2.469930e-61	4.033265e-77
[2,]	1.860138e-77	1.500456e-27	1.293881e-34
[3,]	4.017607e-142	2.104984e-108	5.195908e-107
[4,]	1.155776e-09	1.728998e-13	2.554257e-08
[5,]	4.648504e-39	7.654372e+02	2.700369e-05
[6,]	1.050319e-25	1.249294e-31	5.096763e-04
[7,]	5.126237e-33	2.292179e-26	7.306899e-23
[8,]	2.613960e-22	4.746191e-26	1.085966e-18
[9,]	7.239152e+03	6.645332e+03	7.840406e+03
[10,]	1.159317e-21	2.902717e-02	3.252802e+02
[11,]	6.053290e-38	6.339241e-43	3.288247e-09
[12,]	1.850230e-154	1.193398e-126	3.847729e-123
[13,]	1.139857e-50	3.683358e-32	2.274383e-41
[14,]	2.109837e-47	3.446635e-21	2.526071e-03
[15,]	2.165854e-116	1.113677e-64	1.581096e-64
[16,]	1.378356e-106	7.73515e-76	2.840833e-72
[17,]	1.241819e-49	3.854621e-40	9.575604e-27
[18,]	3.48250e-67	2.014259e-30	2.728683e-35
[19,]	8.952880e-131	8.655341e-97	3.570198e-99
[20,]	4.876857e-42	2.073620e-33	2.059973e+02
[21,]	2.366707e-42	1.234045e-26	1.470161e+02
[22,]	3.355143e-59	1.174542e-25	1.497113e-24
[23,]	1.051705e-148	7.810208e-112	3.013326e-99
F254_160706_036_E01	F254_160129_003_E01	F254_170105_011_D01	
[1,]	2.829739e-128	9.211073e-113	3.916089e-96
[2,]	3.157177e-102	5.779781e-22	5.343561e-10
[3,]	5.232324e-146	3.475586e-112	1.529901e-133
[4,]	8.216215e-10	9.585297e-39	1.367743e-26
[5,]	6.296233e-10	9.781649e+02	1.807047e-22
[6,]	1.017569e-33	1.939993e-30	1.132689e-14
[7,]	3.053334e-57	1.172173e-35	1.153348e-26
[8,]	1.364206e-17	9.802253e-19	9.710929e-28
[9,]	8.744679e+03	4.656817e+03	8.856940e+03
[10,]	9.928493e-52	3.141608e-29	3.849964e-20
[11,]	1.076048e-45	7.979807e-52	1.686116e-33
[12,]	2.543500e-166	1.472640e-115	5.484852e-134
[13,]	3.544562e-50	7.211078e-46	2.044793e-37
[14,]	2.775792e-55	6.399197e-44	5.788115e-28
[15,]	8.193751e-125	1.021331e-62	1.271298e-82
[16,]	1.066535e-114	4.210753e-69	3.243771e-64
[17,]	1.958082e-68	2.853658e-45	1.147442e-35
[18,]	2.659931e-93	1.140577e-24	2.083597e-16
[19,]	4.539924e-145	3.271934e-108	9.960002e-102
[20,]	1.391725e-61	4.221085e-45	1.585165e-43
[21,]	1.417055e-58	1.508343e-54	6.592424e-36
[22,]	2.345382e-69	2.93145e-40	6.999779e-43
[23,]	2.543202e-174	6.074661e-137	1.063461e-129

F254\_160426\_011\_A01 F254\_160701\_025\_B01 F254\_160128\_021\_H01

[1,]	1.996197e-81	8.394659e-139	2.295269e-98
[2,]	3.284172e-22	1.771027e-41	4.741979e-37
[3,]	2.028340e-101	2.478570e-130	1.871233e-121
[4,]	1.059140e+03	2.069142e+03	9.004403e+02
[5,]	1.278432e-18	7.529336e-29	2.057338e+02
[6,]	4.412235e-11	9.025427e-17	3.991601e-24
[7,]	1.494686e-08	7.763056e+02	1.209732e-05
[8,]	1.061665e-28	1.469965e-17	8.099664e-17
[9,]	5.694465e+03	5.005794e+03	6.179245e+03
[10,]	1.110521e+03	1.174021e-03	3.963830e-30
[11,]	4.683686e-02	4.623629e-08	7.804162e-17
[12,]	2.996887e-108	1.087230e-132	3.143695e-129
[13,]	8.399518e-15	8.857777e-47	1.050105e-36
[14,]	3.599810e+00	5.878671e-15	8.602149e-27
[15,]	7.852217e-49	3.613586e-102	5.872814e-79
[16,]	5.291473e-64	2.811661e-80	2.713171e-71
[17,]	1.244662e-22	8.584293e-30	2.177054e-35
[18,]	1.658021e-19	7.221300e-20	1.271056e-26
[19,]	9.097561e-90	2.062896e-111	1.715175e-98
[20,]	2.427628e-08	1.1481127e-09	3.621024e-31
[21,]	6.535895e+01	2.986979e-10	1.568215e-37
[22,]	3.743719e-15	2.266062e-16	1.456430e-22
[23,]	7.235189e-115	1.392224e-130	4.816385e-142

F254\_160120\_021\_F01 F254\_160317\_031\_A01 F254\_160422\_021\_D01

[1,]	1.191761e-150	1.858501e-112	6.708904e-162
[2,]	1.626211e-90	1.148663e-59	2.765935e-55
[3,]	5.757789e-159	1.169632e-138	1.719781e-162
[4,]	5.455827e-10	7.517982e-04	3.396991e-05
[5,]	6.627390e-04	8.862770e+01	4.182071e-14
[6,]	5.260344e-32	1.055518e-11	1.822968e-15
[7,]	2.301573e-38	1.334221e-14	6.878220e-32
[8,]	4.775774e-13	2.394002e-13	1.500784e-15
[9,]	1.136921e+04	7.511305e+03	6.384125e+03
[10,]	3.959707e-39	8.153793e-28	1.106275e-21
[11,]	4.296780e-56	2.279524e-40	2.874114e-66
[12,]	9.613383e-180	1.583529e-145	2.072404e-152
[13,]	4.949784e-64	1.140546e-39	1.398321e-57
[14,]	1.931022e-48	2.345161e-35	3.514526e-42
[15,]	6.712486e-144	2.530246e-103	3.753993e-112
[16,]	1.230868e-125	9.990809e-88	8.720096e-101
[17,]	1.958781e-64	7.352206e-42	1.274468e-54
[18,]	1.370730e-74	2.582909e-46	5.348959e-33
[19,]	5.451952e-158	2.001438e-121	7.671208e-134
[20,]	1.081070e-59	5.184527e-49	4.508492e-71
[21,]	2.022901e-60	2.937276e-44	1.249904e-71
[22,]	2.694437e-67	3.435592e-44	3.082563e-56
[23,]	1.154271e-186	1.207875e-159	6.016384e-178

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[1,]	4.250740e-135	1.079531e-118	3.562740e-101
[2,]	3.809810e-66	2.106543e-63	6.678211e-32
[3,]	8.050759e-157	2.218392e-134	8.554817e-148
[4,]	1.613081e-11	6.810931e-20	8.396275e-12
[5,]	7.577696e-52	3.854616e-15	6.991984e+02
[6,]	1.861991e-13	4.267166e-24	5.144056e-28
[7,]	1.781782e-25	6.540228e-46	2.931765e-15
[8,]	6.001385e-14	4.221379e-24	1.250546e-20
[9,]	6.454446e+03	1.092412e+04	6.290778e+03
[10,]	4.978211e-32	2.387494e-41	2.074474e-12
[11,]	2.071083e-38	7.528688e-43	5.219618e-36
[12,]	4.643221e-166	1.693195e-138	1.337380e-144
[13,]	2.872708e-38	2.172026e-44	4.653792e-50
[14,]	5.519490e-40	9.909701e-50	1.292141e-40
[15,]	2.500745e-120	1.297887e-95	2.881728e-81
[16,]	2.349706e-88	2.482881e-88	2.575885e-58
[17,]	1.419972e-44	1.206387e-44	1.472540e-42
[18,]	1.83965e-54	2.029913e-49	2.329207e-31
[19,]	9.878843e-133	1.324856e-120	1.399657e-109
[20,]	5.163812e-44	3.619448e-57	2.754966e-51
[21,]	2.316893e-39	2.446385e-52	9.410143e-51
[22,]	1.734942e-59	2.399608e-56	1.753869e-32
[23,]	2.142034e-162	5.452397e-151	1.745065e-143

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[1,]	2.633444e-117	5.465731e-87	3.312075e-81
[2,]	2.495418e-38	1.323971e+02	1.092524e-15
[3,]	1.300448e-141	8.936485e-111	2.154271e-111
[4,]	2.223956e-12	3.210302e-20	8.764025e-05
[5,]	5.717422e-22	3.368365e-07	3.685024e-09
[6,]	9.546295e-17	2.263536e-11	3.159129e-06
[7,]	1.187390e-24	2.860393e-15	1.159221e-04
[8,]	1.353213e-20	1.785709e-18	5.404508e-11
[9,]	6.946074e+03	7.213004e+03	6.059330e+03
[10,]	5.972562e-30	1.905064e+01	2.573473e+02
[11,]	3.068235e-43	4.963709e-21	1.31612e-13
[12,]	3.527302e-139	2.283456e-109	9.534065e-107
[13,]	3.516130e-43	1.851289e-27	4.447980e-09
[14,]	2.745349e-37	1.352141e-13	2.464747e+02
[15,]	1.359490e-88	2.071325e-49	1.533810e-63
[16,]	4.829486e-82	2.336990e-55	4.835672e-50
[17,]	7.626181e-37	2.077032e-24	5.906133e-15
[18,]	5.382024e-35	3.725676e-15	1.211070e-18
[19,]	1.506758e-109	8.226339e-86	5.883002e-94
[20,]	2.658388e-49	7.916013e-16	1.463066e-23
[21,]	1.450487e-44	6.263727e-02	4.714275e-12
[22,]	5.879080e-54	5.024370e-26	5.159534e-19
[23,]	1.407107e-149	2.311774e-106	1.039803e-114

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[1,]	2.369630e-54	1.587478e-76	2.116471e-102
[2,]	1.465689e-31	5.351107e+01	7.056420e-37
[3,]	1.579582e-104	6.517054e-104	8.174721e-153
[4,]	5.854486e-10	1.649430e-25	3.574248e-18
[5,]	8.156760e+02	1.301975e-34	2.633470e-54
[6,]	2.060025e-06	7.318756e-12	7.093741e-05
[7,]	4.939453e-18	1.085168e-11	9.761999e-18
[8,]	1.243750e-10	1.034028e-24	6.606654e+02
[9,]	7.278014e+03	6.921964e+03	6.123190e+03
[10,]	5.089751e-22	6.839637e+02	3.253267e-03
[11,]	1.078810e-35	1.609535e-21	2.933981e-28
[12,]	2.715681e-97	7.729272e-85	1.769246e-142
[13,]	6.210581e-06	4.387577e-24	6.740141e-37
[14,]	2.005348e-17	2.713696e-22	6.760847e-12
[15,]	4.062943e-57	2.622152e-59	2.319149e-85
[16,]	8.336175e-51	4.986067e-52	1.220377e-79
[17,]	1.171947e-20	9.626817e-38	1.657170e-23
[18,]	4.254497e-25	2.444802e-19	1.156329e-33
[19,]	1.605610e-81	2.189154e-81	7.990163e-126
[20,]	8.957462e-44	2.117402e-04	9.310128e-28
[21,]	5.754816e-37	3.213912e-11	4.571921e-13
[22,]	1.565285e-34	2.627754e-25	6.115335e-40
[23,]	3.722307e-115	8.425329e-95	7.209360e-138

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[1,]	2.291442e-112	1.395849e-93	9.849933e-158
[2,]	3.753902e-44	4.824551e-58	8.701533e-71
[3,]	1.638113e-137	4.083571e-134	1.825291e-157
[4,]	4.206920e-01	2.952949e-11	8.478696e+02
[5,]	3.853097e+02	2.222084e-18	4.772279e-37
[6,]	3.688701e-09	7.517056e-38	9.414951e-16
[7,]	1.328586e-22	6.707899e-54	1.027970e-25
[8,]	2.779082e-19	8.219073e-19	1.306933e-14
[9,]	6.531307e+03	9.602910e+03	6.206558e+03

[10,]	2.049847e-18	2.476541e-37	2.191950e-22
[11,]	9.736121e-58	1.189587e-42	1.799429e-53
[12,]	4.811487e-159	1.259614e-135	5.030043e-164
[13,]	2.679323e-51	1.427574e-15	3.838057e-73
[14,]	1.755336e-34	4.952513e-47	2.431659e-48
[15,]	2.546819e-103	3.873722e-80	7.781390e-131
[16,]	1.126269e-87	1.003113e-89	3.027900e-107
[17,]	1.737565e-54	1.336874e-66	1.739623e-42
[18,]	5.011397e-34	1.421428e-78	4.938352e-41
[19,]	3.373893e-105	5.156332e-124	1.914072e-137
[20,]	3.112954e-53	9.062166e-49	8.779196e-57
[21,]	1.916142e-48	1.966689e-51	1.411149e-53
[22,]	3.437656e-56	1.001898e-61	2.826274e-52
[23,]	4.491955e-149	5.283000e-121	3.552736e-172
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[1,]	2.382998e-91	7.400505e-126	2.776667e-118
[2,]	2.647270e-21	6.967171e-33	1.192399e-23
[3,]	3.929514e-158	7.601429e-147	1.771865e-145
[4,]	2.476876e-38	9.472272e+02	3.161932e-09
[5,]	6.528285e-32	5.850418e+02	2.168520e-22
[6,]	6.705137e-19	4.723933e-28	8.619382e-09
[7,]	5.294573e-12	7.483002e-24	4.748848e-01
[8,]	3.139756e-17	2.766622e-12	1.360472e-14
[9,]	8.235405e+03	5.492826e+03	6.499497e+03
[10,]	6.185370e-05	8.655237e-43	3.946091e-13
[11,]	8.865621e-24	7.266033e-66	4.659095e-40
[12,]	1.965257e-139	5.513903e-134	4.625719e-135
[13,]	5.261450e-35	8.146672e-59	3.451313e-52
[14,]	1.923515e-20	2.344193e-49	3.631431e-27
[15,]	8.961377e-67	3.266347e-111	1.520661e-87
[16,]	1.943049e-85	5.943048e-85	3.526001e-87
[17,]	3.120128e-30	3.677316e-58	8.842150e-33
[18,]	4.120642e-20	1.205317e-31	1.861944e-13
[19,]	2.607420e-106	7.403249e-111	6.466505e-110
[20,]	7.183132e-41	2.968039e-85	1.236309e-53
[21,]	3.525169e-25	3.100593e-77	3.690511e-45
[22,]	7.701840e-37	7.822084e-53	9.164458e-48
[23,]	1.365691e-134	1.016565e-186	1.273871e-150
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[1,]	4.636113e-104	1.207627e-96	5.908886e-117
[2,]	6.485133e-32	5.961135e-21	1.191814e-20
[3,]	1.549892e-133	5.176489e-114	9.726479e-129
[4,]	5.309573e-27	4.642431e-17	4.567791e-26
[5,]	3.868189e-05	1.384643e-24	8.407720e-41
[6,]	7.429465e-14	8.371184e-25	1.621349e-27
[7,]	4.185947e-26	5.838194e-20	1.031015e-23
[8,]	1.847570e-13	6.623909e-27	2.255599e-22
[9,]	6.948399e+03	6.518841e+03	7.048780e+03
[10,]	3.141031e-29	6.159138e-10	6.957819e-24
[11,]	6.669703e-46	1.042466e-32	2.001895e-45
[12,]	2.129673e-112	6.375392e-110	2.755097e-116
[13,]	3.209848e-42	2.411595e-34	4.86055e-29
[14,]	5.338650e-30	4.428737e-32	5.614880e-44
[15,]	7.984019e-95	8.934835e-79	4.397082e-84
[16,]	2.636419e-72	4.643524e-54	4.457462e-76
[17,]	3.700808e-49	1.014666e-50	8.192016e-48
[18,]	4.239223e-26	8.914969e-26	5.037720e-25
[19,]	2.393102e-117	1.212910e-100	4.107941e-103
[20,]	5.829073e-60	2.369615e-27	4.299316e-52
[21,]	1.082582e-57	5.364495e-28	8.750973e-53
[22,]	1.298623e-43	1.302064e-35	5.935577e-49
[23,]	2.834260e-140	5.826109e-115	1.080664e-140
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[1,]	8.071492e-151	3.941227e-94	1.322149e-117
[2,]	4.585048e-49	1.865032e-10	4.803156e+01
[3,]	5.621749e-152	2.449149e-140	2.265930e-148
[4,]	5.690400e+02	2.385800e-15	3.921710e-19
[5,]	5.048702e-37	2.133956e-11	2.932422e-20
[6,]	9.759891e-29	4.044954e-05	1.086680e-04
[7,]	3.713323e-09	2.382746e-10	2.779198e-15
[8,]	5.475731e-19	2.963770e-02	1.795515e-11
[9,]	4.903013e+03	6.812296e+03	6.119766e+03
[10,]	1.522455e-18	2.158847e-10	4.374619e-15
[11,]	1.360159e-41	2.235359e-37	7.667148e-50
[12,]	1.268821e-153	9.229212e-140	4.618669e-138
[13,]	1.498401e-55	2.216321e-25	2.166147e-45
[14,]	1.856645e-34	2.345179e-21	9.051254e-28
[15,]	2.097025e-109	9.518286e-66	1.517001e-100
[16,]	3.056907e-86	2.842572e-67	1.280307e-94
[17,]	7.080987e-49	4.419227e-32	1.860987e-40
[18,]	3.374508e-30	1.058049e-06	1.590195e-28
[19,]	7.051221e-111	1.398501e-108	2.219403e-130
[20,]	1.728664e-30	1.798907e-39	3.481153e-47
[21,]	7.798664e-50	1.373038e-39	9.961225e-45
[22,]	6.785390e-31	3.611175e-31	7.340274e-44
[23,]	9.414514e-155	1.742546e-130	1.015619e-151
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[1,]	8.696350e-41	9.765303e-94	9.697861e-108
[2,]	2.370827e-01	8.003747e-29	6.606965e-43
[3,]	1.201642e-111	2.156606e-137	4.474427e-142
[4,]	1.137662e-23	5.304299e-12	8.799104e-14
[5,]	4.407600e-02	7.443068e+02	1.311321e-27
[6,]	1.675352e-41	1.339454e-35	4.116720e-19
[7,]	2.127894e-23	4.599736e-21	4.289484e-26
[8,]	1.609162e-42	2.528944e-09	1.531039e-24
[9,]	8.656442e+03	4.696412e+03	9.460619e+03
[10,]	3.310420e-20	1.893642e-28	3.072054e-28
[11,]	1.020220e-18	2.053105e-43	4.650609e-26
[12,]	1.756498e-102	1.171729e-108	6.649112e-141
[13,]	5.288044e-06	1.492240e-40	2.862347e-38
[14,]	4.191300e-26	2.676300e-35	3.547830e-35
[15,]	1.947537e-51	4.175434e-78	2.027300e-98
[16,]	1.636752e-57	1.096101e-78	1.629530e-83
[17,]	1.165794e-38	2.782984e-54	3.666334e-43
[18,]	2.738840e-36	1.407621e-37	9.707751e-52
[19,]	2.617017e-87	4.429205e-104	1.228184e-120
[20,]	1.131490e-38	1.748741e-63	4.605849e-45
[21,]	2.295355e-30	4.771349e-48	1.220671e-33
[22,]	1.488310e-17	2.147735e-45	7.939462e-44
[23,]	1.977414e-87	5.319781e-118	1.369054e-135
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[2,]	1.275462e+02	7.978256e+01	1.814430e-57
[3,]	6.083927e-101	2.106942e-134	7.056566e-141
[4,]	1.492764e-08	1.037660e-20	8.538724e-15
[5,]	2.205622e+02	1.209522e-42	2.906610e-23
[6,]	1.292586e+03	5.793945e-07	4.298869e-38
[7,]	7.865379e-02	2.765890e-09	5.548422e-40
[8,]	5.420666e-22	4.188120e-13	1.167219e-19
[9,]	4.021534e+03	3.318637e+03	6.116068e+03
[10,]	6.413370e-13	5.196043e+02	1.148654e-40
[11,]	1.099367e-08	4.248170e-23	1.596522e-54
[12,]	7.271114e-119	1.516830e-107	7.268022e-159
[13,]	1.054605e-09	8.352075e-22	2.073731e-47
[14,]	1.130169e+02	4.365632e-19	5.995097e-56
[15,]	1.058075e-62	3.871284e-46	1.597501e-97
[16,]	2.568706e-37	2.383418e-50	7.862748e-87
[17,]	3.522310e-11	2.289205e-29	6.313210e-63
[18,]	8.694278e+02	1.401890e-04	9.787597e-56
[19,]	8.363464e-58	1.690290e-99	7.540925e-114

[20,] 6.886009e-08 1.232727e-35 2.863648e-59  
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[23,] 1.061984e-73 1.578131e-122 3.208377e-162  
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[3,] 2.091383e-136 1.265556e-132 1.659106e-150  
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[6,] 4.685912e-28 2.078113e-27 2.879967e-33  
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[9,] 8.193610e+03 8.683498e+03 1.357460e+03  
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[3,]	8.277811e-207	7.473866e-291	9.523258e-209
[4,]	4.940656e-324	4.940656e-324	4.940656e-324
[5,]	1.650384e-317	4.940656e-324	4.940656e-324
[6,]	4.940656e-324	4.940656e-324	4.940656e-324
[7,]	2.376456e-321	4.940656e-324	4.940656e-324
[8,]	7.987834e-291	4.940656e-324	4.940656e-324
[9,]	4.940656e-324	4.940656e-324	4.940656e-324
[10,]	4.940656e-324	4.940656e-324	4.940656e-324
[11,]	1.151884e-281	4.940656e-324	4.940656e-324
[12,]	3.27622e+03	6.944323e+03	4.542436e+03
[13,]	1.993217e-239	4.940656e-324	3.102620e-254
[14,]	2.422648e-311	4.940656e-324	6.117157e-309
[15,]	4.198022e-222	1.014430e-318	6.675679e-243
[16,]	9.806353e-166	3.945025e-306	7.794310e-167
[17,]	5.549836e-301	4.940656e-324	4.940656e-324
[18,]	4.705663e-279	4.940656e-324	1.312174e-274
[19,]	1.655897e-237	1.823102e-321	8.854086e-216
[20,]	7.117875e-318	4.940656e-324	4.940656e-324
[21,]	1.414428e-309	4.940656e-324	4.940656e-324
[22,]	4.399796e-290	4.940656e-324	9.537216e-304
[23,]	4.050905e-223	4.940656e-324	4.241577e-260
	F254_160404_037_B01	F254_170323_001_A01	F254_170323_026_F01
[1,]	4.456170e-205	4.940656e-324	2.776817e-318
[2,]	6.241078e-183	3.927220e-301	8.515137e-239
[3,]	4.107594e+01	1.473739e-318	2.496210e-184
[4,]	5.393268e-308	4.940656e-324	4.940656e-324
[5,]	1.662007e-274	4.940656e-324	4.940656e-324
[6,]	3.996252e-300	4.940656e-324	2.798475e-309
[7,]	9.036066e-309	4.940656e-324	8.399116e-323
[8,]	4.895260e-284	4.940656e-324	1.260135e-314
[9,]	4.910475e-313	4.940656e-324	4.940656e-324
[10,]	4.346100e-303	4.940656e-324	3.458460e-323
[11,]	1.884052e-253	4.940656e-324	5.339249e-296
[12,]	3.556838e+03	6.149161e+03	7.123682e+03
[13,]	5.264815e-206	4.940656e-324	1.494046e-279
[14,]	2.219595e-294	4.940656e-324	4.940656e-324
[15,]	1.881411e-179	4.940656e-324	1.053533e-254
[16,]	5.206169e-130	4.940656e-324	1.471329e-211
[17,]	1.886733e-287	4.940656e-324	2.487621e-306
[18,]	8.379954e-251	4.940656e-324	1.268170e-278
[19,]	1.228303e-158	4.940656e-324	1.156782e-245
[20,]	5.908484e-304	4.940656e-324	1.135159e-301
[21,]	4.018121e-301	4.940656e-324	1.289437e-312
[22,]	4.238316e-280	4.940656e-324	4.940656e-324
[23,]	1.631886e-65	6.175821e-322	2.900165e-212
	F254_170323_051_E01	F254_170323_018_A01	F254_170323_049_A01
[1,]	8.680095e-233	4.940656e-324	1.118721e-234
[2,]	2.302538e-179	4.940656e-324	1.517806e-200
[3,]	2.29559e-170	4.940656e-324	2.004186e-184
[4,]	1.318593e-313	0.000000e+00	4.940656e-324
[5,]	4.940656e-324	0.000000e+00	4.940656e-324
[6,]	9.371083e-290	4.940656e-324	9.171724e-306
[7,]	7.589738e-280	4.940656e-324	1.649708e-292
[8,]	4.673486e-285	4.940656e-324	7.970552e-315
[9,]	8.490416e-298	4.940656e-324	4.940656e-324

[10,]	2.007854e-279	4.940656e-324	1.086086e-308
[11,]	7.412057e-253	4.940656e-324	4.940656e-324
[12,]	7.045989e+03	1.035745e+04	3.198001e+03
[13,]	8.253266e-260	4.940656e-324	1.409301e-273
[14,]	8.911393e-297	4.940656e-324	1.470629e-289
[15,]	2.906898e-200	4.940656e-324	3.206778e-252
[16,]	1.140117e-174	4.940656e-324	7.538905e-182
[17,]	8.876233e-265	4.940656e-324	7.471401e-300
[18,]	6.552974e-228	4.940656e-324	3.801887e-262
[19,]	1.249312e-241	4.940656e-324	5.211183e-227
[20,]	1.501906e-259	0.000000e+00	3.860508e-314
[21,]	1.022449e-270	4.940656e-324	6.109590e-310
[22,]	5.221130e-280	4.940656e-324	8.139068e-313
[23,]	1.637353e-175	4.940656e-324	2.785449e-234
	F254_170323_025_G01	F254_170323_035_E01	F254_160824_054_C01
[1,]	1.199923e-308	4.940656e-324	7.129869e-298
[2,]	7.729576e-154	2.949252e-273	8.188569e-212
[3,]	1.124009e-216	1.910629e-246	2.925898e-172
[4,]	4.940656e-324	4.940656e-324	4.940656e-324
[5,]	4.940656e-324	4.940656e-324	4.940656e-324
[6,]	4.940656e-324	4.940656e-324	4.940656e-324
[7,]	8.448523e-322	4.940656e-324	4.940656e-324
[8,]	4.940656e-324	4.940656e-324	4.940656e-324
[9,]	4.940656e-324	4.940656e-324	4.940656e-324
[10,]	4.940656e-324	4.940656e-324	4.940656e-324
[11,]	4.940656e-324	4.940656e-324	4.940656e-324
[12,]	5.040790e+03	4.404160e+03	4.436950e+03
[13,]	8.121668e-283	8.893182e-323	1.478783e-271
[14,]	4.940656e-324	4.940656e-324	4.940656e-324
[15,]	1.830260e-249	6.255392e-267	1.120150e-244
[16,]	2.747661e-205	6.674481e-238	9.756943e-226
[17,]	4.940656e-324	4.940656e-324	4.940656e-324
[18,]	4.500614e-272	1.883606e-315	7.986147e-306
[19,]	4.919911e-232	1.891855e-304	3.365837e-185
[20,]	4.940656e-324	4.940656e-324	4.940656e-324
[21,]	4.940656e-324	4.940656e-324	4.940656e-324
[22,]	2.322109e-322	4.940656e-324	4.940656e-324
[23,]	3.521605e-229	1.601904e-315	9.190748e-265
	F254_170323_052_F01	F254_160413_007_F01	F254_170323_014_H01
[1,]	4.940656e-324	2.550895e-205	4.940656e-324
[2,]	4.940656e-324	4.366283e-175	4.171620e-307
[3,]	1.440047e-250	1.245718e-105	1.492910e-291
[4,]	4.940656e-324	8.782868e-292	4.940656e-324
[5,]	4.940656e-324	4.940656e-324	4.940656e-324
[6,]	4.940656e-324	1.834261e-258	4.940656e-324
[7,]	4.940656e-324	2.692308e-252	4.940656e-324
[8,]	4.940656e-324	4.641282e-253	4.940656e-324
[9,]	4.940656e-324	8.874552e-276	4.940656e-324
[10,]	4.940656e-324	1.274776e-257	4.940656e-324
[11,]	4.940656e-324	2.001910e-240	4.940656e-324
[12,]	6.534780e+03	8.221584e+03	4.825901e+03
[13,]	4.940656e-324	4.996367e-221	4.940656e-324
[14,]	4.940656e-324	3.831230e-247	4.940656e-324
[15,]	4.940656e-324	5.098045e-173	4.940656e-324
[16,]	4.940656e-324	3.730436e-135	4.162301e-290
[17,]	4.940656e-324	7.746701e-245	4.940656e-324
[18,]	4.940656e-324	1.129809e-211	4.940656e-324
[19,]	2.786530e-321	6.062871e-199	4.940656e-324
[20,]	4.940656e-324	1.856862e-234	4.940656e-324
[21,]	4.940656e-324	7.872615e-247	4.940656e-324
[22,]	4.940656e-324	1.100828e-250	4.940656e-324
[23,]	4.940656e-324	1.769300e-68	4.940656e-324
	F254_160404_037_F01	F254_160414_009_B01	F254_170323_003_G01
[1,]	5.451614e-223	4.326744e-191	4.940656e-324
[2,]	8.034590e-165	7.151918e-152	7.556932e-319
[3,]	2.071614e-106	5.446884e-59	1.807746e-261
[4,]	4.940656e-324	6.862567e-272	4.940656e-324
[5,]	4.940656e-324	2.168136e-289	4.940656e-324
[6,]	1.310811e-318	1.601760e-264	4.940656e-324
[7,]	4.940656e-324	7.765905e-248	4.940656e-324
[8,]	4.940656e-324	1.735926e-246	4.940656e-324
[9,]	4.940656e-324	1.166617e-290	4.940656e-324
[10,]	3.656086e-322	4.368615e-282	4.940656e-324
[11,]	2.878427e-292	1.080194e-247	4.940656e-324
[12,]	6.761368e+03	4.506844e+03	6.114347e+03
[13,]	3.509193e-259	1.787624e-232	4.940656e-324
[14,]	1.588411e-304	4.565918e-266	4.940656e-324
[15,]	5.486449e-225	1.126726e-158	6.068297e-286
[16,]	3.082157e-139	2.487205e-117	2.340734e-302
[17,]	2.752091e-299	4.794163e-243	4.940656e-324
[18,]	4.886672e-238	5.289948e-171	4.940656e-324
[19,]	4.505100e-170	5.475394e-42	4.940656e-324
[20,]	5.195379e-309	4.721314e-250	4.940656e-324
[21,]	3.340338e-307	6.392133e-259	4.940656e-324
[22,]	8.620146e-310	1.813696e-232	4.940656e-324
[23,]	6.865453e-90	1.354721e-70	4.316250e-287
	F254_160413_007_B01	F254_160119_002_A01	F254_170323_040_B01
[1,]	3.181281e-132	1.280143e-126	9.330630e-241
[2,]	2.703082e-103	8.756399e-113	1.466007e-180
[3,]	3.680276e-71	9.795782e+00	3.817648e-172
[4,]	9.364990e-250	2.637351e-245	4.940656e-324
[5,]	3.130089e-286	3.401668e-240	4.940656e-324
[6,]	3.205942e-234	7.804966e-241	4.940656e-324
[7,]	9.270870e-228	8.167204e-244	8.856378e-313
[8,]	1.825325e-225	4.507201e-214	5.972562e-319
[9,]	3.949415e-246	3.876576e-247	4.940656e-324
[10,]	3.032829e-237	7.451998e-244	1.434762e-318
[11,]	5.822481e-210	1.149222e-214	2.934750e-320
[12,]	4.220996e+03	2.629432e+03	4.357699e+03
[13,]	7.637672e-215	1.546545e-187	6.474904e-274
[14,]	4.715766e-239	2.631656e-235	4.940656e-324
[15,]	1.644158e-139	4.447126e-146	3.507781e-213
[16,]	1.600410e-112	4.841939e-108	1.140697e-184
[17,]	2.884160e-224	2.665025e-232	6.140669e-306
[18,]	8.043008e-184	1.807012e-187	1.826919e-235
[19,]	5.093895e-98	4.154159e-112	1.778151e-200
[20,]	4.136400e-232	4.422702e-214	4.940656e-324
[21,]	7.988465e-226	2.488981e-234	4.940656e-324
[22,]	9.989899e-219	2.802275e-210	4.940656e-324
[23,]	3.377955e+03	1.339049e-128	6.340335e-191
	F254_170323_013_F01	F254_170323_050_E01	F254_170323_013_C01
[1,]	7.678740e-291	4.940656e-324	4.940656e-324
[2,]	1.001180e-217	2.043878e-292	1.443495e-306
[3,]	2.401343e-241	1.033062e-293	4.940656e-324
[4,]	4.940656e-324	4.940656e-324	4.940656e-324
[5,]	4.940656e-324	4.940656e-324	4.940656e-324
[6,]	4.940656e-324	4.940656e-324	4.940656e-324
[7,]	4.940656e-324	4.940656e-324	4.940656e-324
[8,]	4.940656e-324	4.940656e-324	4.940656e-324
[9,]	4.940656e-324	4.940656e-324	4.940656e-324
[10,]	4.940656e-324	4.940656e-324	4.940656e-324
[11,]	4.940656e-324	4.940656e-324	4.940656e-324
[12,]	3.924820e+03	5.390839e+03	5.104883e+03
[13,]	4.940656e-324	4.940656e-324	4.940656e-324
[14,]	4.940656e-324	4.940656e-324	4.940656e-324
[15,]	4.699521e-234	4.940656e-324	4.402730e-291
[16,]	7.449820e-168	3.937921e-253	1.175289e-290
[17,]	4.940656e-324	4.940656e-324	4.940656e-324
[18,]	9.526746e-297	4.940656e-324	3.881286e-311
[19,]	1.888453e-252	4.940656e-324	4.940656e-324

[20,]	4.940656e-324	4.940656e-324	4.940656e-324
[21,]	4.940656e-324	4.940656e-324	4.940656e-324
[22,]	4.940656e-324	4.940656e-324	4.940656e-324
[23,]	7.351045e-269	4.940656e-324	4.940656e-324
F254_170323_012_F01	F254_170323_013_E01	F254_170323_014_D01	
[1,]	3.120133e-253	4.940656e-324	1.323531e-280
[2,]	2.987344e-181	6.351221e-250	1.464021e-262
[3,]	8.675567e-222	3.385887e-224	1.415115e-228
[4,]	4.940656e-324	4.940656e-324	4.940656e-324
[5,]	4.940656e-324	4.940656e-324	4.940656e-324
[6,]	4.940656e-324	4.940656e-324	4.940656e-324
[7,]	4.940656e-324	4.940656e-324	4.940656e-324
[8,]	4.940656e-324	4.940656e-324	4.940656e-324
[9,]	4.940656e-324	4.940656e-324	4.940656e-324
[10,]	4.940656e-324	4.940656e-324	4.940656e-324
[11,]	1.048407e-320	4.940656e-324	4.940656e-324
[12,]	4.631338e+03	3.278191e+03	3.776103e+03
[13,]	1.129729e-303	4.940656e-324	4.940656e-324
[14,]	4.940656e-324	4.940656e-324	4.940656e-324
[15,]	2.139284e-241	4.940656e-324	1.118235e-245
[16,]	7.085503e-182	8.530226e-251	5.640964e-256
[17,]	1.296053e-316	4.940656e-324	4.940656e-324
[18,]	1.533717e-226	7.820347e-289	7.523368e-304
[19,]	4.973807e-255	9.123126e-307	4.187593e-246
[20,]	1.810800e-319	4.940656e-324	1.282100e-320
[21,]	4.940656e-324	4.940656e-324	4.940656e-324
[22,]	9.486060e-322	4.940656e-324	4.940656e-324
[23,]	7.335730e-278	4.940656e-324	2.524968e-243
F254_170323_013_D01	F254_170323_037_G01	F254_170323_025_H01	
[1,]	5.520834e-313	4.940656e-324	4.940656e-324
[2,]	5.313664e-272	2.914468e-316	1.228537e-254
[3,]	1.602118e-252	1.086944e-322	6.579246e-274
[4,]	4.940656e-324	4.940656e-324	4.940656e-324
[5,]	4.940656e-324	4.940656e-324	4.940656e-324
[6,]	4.940656e-324	4.940656e-324	4.940656e-324
[7,]	4.940656e-324	4.940656e-324	4.940656e-324
[8,]	4.940656e-324	4.940656e-324	4.940656e-324
[9,]	4.940656e-324	4.940656e-324	4.940656e-324
[10,]	4.940656e-324	4.940656e-324	4.940656e-324
[11,]	4.940656e-324	4.940656e-324	4.940656e-324
[12,]	4.624168e+03	2.425393e+03	5.594594e+03
[13,]	8.893182e-323	4.940656e-324	4.940656e-324
[14,]	4.940656e-324	4.940656e-324	4.940656e-324
[15,]	1.497877e-304	4.940656e-324	4.940656e-324
[16,]	2.010345e-226	1.046678e-249	1.474745e-258
[17,]	4.940656e-324	4.940656e-324	4.940656e-324
[18,]	4.940656e-324	4.940656e-324	4.940656e-324
[19,]	1.275998e-285	4.940656e-324	4.940656e-324
[20,]	4.940656e-324	4.940656e-324	4.940656e-324
[21,]	4.940656e-324	4.940656e-324	4.940656e-324
[22,]	4.940656e-324	4.940656e-324	4.940656e-324
[23,]	5.519420e-278	4.940656e-324	4.940656e-324
F254_170323_049_F01	F254_170323_038_D01	F254_170323_016_H01	
[1,]	3.710043e-305	1.011652e-308	4.940656e-324
[2,]	3.080282e-230	2.951991e-219	1.829574e-280
[3,]	7.704580e-187	1.226272e-193	7.844342e-218
[4,]	4.940656e-324	4.940656e-324	4.940656e-324
[5,]	4.940656e-324	4.940656e-324	4.940656e-324
[6,]	4.047398e-316	7.410985e-323	4.940656e-324
[7,]	4.827028e-287	4.940656e-324	4.940656e-324
[8,]	4.947368e-315	4.940656e-324	4.940656e-324
[9,]	4.940656e-324	4.940656e-324	4.940656e-324
[10,]	1.536544e-321	4.940656e-324	4.940656e-324
[11,]	3.856361e-309	4.940656e-324	4.940656e-324
[12,]	6.678634e+03	5.013699e+03	5.204168e+03
[13,]	1.624740e-266	1.274170e-301	4.940656e-324
[14,]	4.940656e-324	4.940656e-324	4.940656e-324
[15,]	3.006594e-280	2.625872e-249	4.940656e-324
[16,]	1.511773e-243	7.151056e-175	3.380716e-277
[17,]	1.934101e-307	4.940656e-324	4.940656e-324
[18,]	7.844608e-280	4.791598e-270	4.940656e-324
[19,]	4.253174e-272	9.269147e-227	4.940656e-324
[20,]	3.486057e-306	4.940656e-324	4.940656e-324
[21,]	3.862410e-314	4.940656e-324	4.940656e-324
[22,]	4.940656e-324	4.940656e-324	4.940656e-324
[23,]	9.753046e-294	1.657072e-247	1.332047e-291
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[11,] 2.662440e-186 2.277561e-179 6.310008e-141  
[12,] 6.531591e-197 5.330688e-188 4.095827e-108  
[13,] 2.195782e-211 6.081145e-155 3.727869e-76  
[14,] 7.947271e-203 1.985158e-201 2.519798e-145  
[15,] 6.735228e+03 5.496677e+03 7.425580e+03  
[16,] 8.146676e-132 1.791642e-150 7.093584e-91  
[17,] 1.061614e-185 8.963040e-190 8.900285e-132  
[18,] 3.796643e-144 3.874179e-174 6.326837e-110  
[19,] 5.930491e-182 9.080224e-159 9.052101e-135  
[20,] 6.414848e-184 7.845509e-191 2.043926e-148  
[21,] 5.346519e-189 1.338392e-183 2.656602e-154  
[22,] 3.869176e-190 1.172359e-211 4.947516e-122  
[23,] 1.029623e-193 2.399535e-155 2.115785e-87

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[1,] 1.132042e-262 2.343552e+03 1.267136e-120  
[2,] 9.425524e-211 1.104568e-58 1.910333e+02  
[3,] 4.940656e-324 2.595469e-125 1.140224e-76  
[4,] 4.940656e-324 1.435386e-86 3.017497e-29  
[5,] 4.940656e-324 6.771913e+02 7.601837e-79  
[6,] 4.940656e-324 7.452954e-124 2.320382e+01  
[7,] 4.940656e-324 3.606040e-102 8.375627e+01  
[8,] 4.940656e-324 4.547047e-94 5.240819e-05  
[9,] 4.940656e-324 3.270751e-75 1.513872e-28  
[10,] 4.940656e-324 1.365426e-130 5.004674e+02  
[11,] 4.940656e-324 1.83229e-72 2.853594e-30  
[12,] 8.982379e-300 1.543880e-82 4.780156e-103  
[13,] 1.439469e-293 9.646401e-24 1.174511e-49



[14,]	4.940656e-324	1.156024e-86	2.843243e-37
[15,]	5.961385e+03	2.919329e+03	4.445445e+03
[16,]	2.091902e-255	2.023189e-31	3.700015e-58
[17,]	3.805392e-308	1.040280e-131	4.255455e-03
[18,]	1.502242e-282	2.575219e-116	3.165904e+00
[19,]	4.940656e-324	1.758856e-111	2.241981e-46
[20,]	4.940656e-324	4.562252e-110	1.284832e-32
[21,]	4.940656e-324	1.128484e-106	1.727089e-24
[22,]	2.098880e-297	1.211480e-50	3.147729e-48
[23,]	4.940656e-324	3.544359e-98	1.135669e-108
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[1,]	1.020226e-123	2.193025e+03	5.59082e-104
[2,]	2.786937e-113	9.678411e+02	9.509532e-134
[3,]	2.693769e-162	4.028513e-63	5.332676e-129
[4,]	3.671144e-191	1.157538e-69	3.477452e-197
[5,]	1.083408e-240	1.821316e-29	9.709739e-234
[6,]	1.960149e-169	4.527418e-100	2.899541e-174
[7,]	7.359800e-177	5.311960e-92	1.911750e-175
[8,]	3.157946e-172	6.788649e-95	2.930895e-168
[9,]	5.253310e-171	7.429918e-90	9.229435e-176
[10,]	1.212755e-180	5.907044e-110	7.651816e-164
[11,]	7.354230e-156	3.057846e-83	3.951093e-148
[12,]	1.759225e-170	3.089432e-50	5.553881e-163
[13,]	3.139946e-159	7.250713e-17	2.814177e-176
[14,]	1.169804e-169	1.669431e-58	4.500412e-169
[15,]	7.523564e+03	4.196891e+03	7.603995e+03
[16,]	1.200979e-132	4.460369e-08	1.164044e-145
[17,]	3.114716e-178	7.841504e-113	2.357762e-161
[18,]	2.496457e-183	8.101231e-85	1.958895e-156
[19,]	4.104936e-170	1.472327e-69	7.760798e-183
[20,]	3.015390e-149	1.444708e-84	7.086249e-146
[21,]	5.053125e-162	3.635487e-92	4.934144e-160
[22,]	5.402397e-208	3.323879e-47	9.774071e-184
[23,]	8.601078e-155	4.155944e-50	4.421898e-156
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[1,]	1.127824e-115	2.005704e+03	5.670736e-237
[2,]	1.692367e-78	4.011608e+03	1.487405e-145
[3,]	1.195681e-133	6.793344e-77	2.818205e-264
[4,]	2.237960e-201	6.829041e-91	1.293836e-277
[5,]	1.170968e-229	7.939975e-70	2.202334e-279
[6,]	1.721212e-165	5.552268e-84	3.925039e-246
[7,]	1.496330e-141	5.874518e-77	3.374101e-240
[8,]	3.681976e-151	4.242449e-87	6.174281e-245
[9,]	1.837718e-177	4.399245e-99	1.093893e-266
[10,]	7.804744e-148	1.012458e-81	9.796425e-252
[11,]	2.306095e-145	1.556732e-70	8.009562e-238
[12,]	2.498306e-139	4.045798e-44	5.249216e-268
[13,]	1.618491e-123	2.351358e-34	3.161256e-224
[14,]	8.253307e-144	8.209179e-66	1.932302e-233
[15,]	3.496088e+03	2.260751e+03	6.116566e+03
[16,]	1.501170e-89	4.112823e-48	9.627618e-176
[17,]	6.60618e-139	8.871064e-63	2.562470e-223
[18,]	3.910035e-103	1.176321e-41	7.264700e-173
[19,]	7.843677e-136	1.146190e-49	1.018752e-238
[20,]	1.546299e-139	2.065241e-52	1.026599e-230
[21,]	5.228654e-137	6.148106e-53	3.555858e-258
[22,]	4.308664e-164	7.412511e-42	2.580099e-217
[23,]	3.243128e-149	3.101111e-31	9.888118e-271
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[1,]	2.700816e+03	7.618522e-164	2.464641e+03
[2,]	9.717886e+02	3.963905e-124	4.750375e+02
[3,]	1.131205e-98	1.018944e-240	9.995310e-53
[4,]	9.224196e-90	6.476227e-285	1.499378e-54
[5,]	9.587269e-88	1.875036e-312	9.293015e-11
[6,]	3.473160e-77	4.801550e-242	9.014033e-57
[7,]	1.006026e-98	3.824299e-231	2.806937e-59
[8,]	7.268322e-95	8.217991e-249	1.852030e-59
[9,]	8.304322e-83	1.078195e-269	2.422840e-41
[10,]	3.869787e-88	3.398047e-255	6.535464e-48
[11,]	2.798106e-71	1.203062e-221	7.870910e-39
[12,]	4.962654e-67	8.280467e-191	3.794738e-23
[13,]	1.065117e-45	1.257785e-214	2.837433e-09
[14,]	2.249088e-75	3.590426e-239	1.876415e-13
[15,]	2.959032e+03	5.742477e+03	2.618422e+03
[16,]	1.012819e-21	2.747641e-148	4.395207e-29
[17,]	1.440023e-85	1.345955e-220	9.854937e-51
[18,]	1.358337e-55	1.588586e-172	5.600691e-23
[19,]	2.959007e-74	4.194058e-191	1.149125e-102
[20,]	3.203317e-64	3.284865e-227	2.604855e-33
[21,]	1.614868e-46	5.830315e-234	1.133691e-35
[22,]	1.492649e-45	6.057282e-227	2.615340e+02
[23,]	1.295482e-57	1.724622e-221	2.672673e+02
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[1,]	1.870214e-223	4.940656e-324	2.100863e+03
[2,]	1.253214e-159	4.568393e-301	1.041180e+03
[3,]	4.505430e-271	4.940656e-324	3.860148e-71
[4,]	5.860618e-284	4.940656e-324	4.743727e-62
[5,]	8.274916e-296	4.940656e-324	2.693585e-58
[6,]	4.349415e-251	4.940656e-324	4.558828e-62
[7,]	8.486932e-245	4.940656e-324	1.298108e-40
[8,]	5.753663e-252	4.940656e-324	2.901864e-64
[9,]	5.006483e-273	4.940656e-324	3.056485e-61
[10,]	2.606477e-256	4.940656e-324	4.630643e-52
[11,]	9.113321e-253	4.940656e-324	9.804963e-55
[12,]	5.158047e-213	4.940656e-324	2.229974e-99
[13,]	3.241428e-240	4.940656e-324	1.019835e+02
[14,]	2.491774e-251	4.940656e-324	1.478905e-42
[15,]	5.053003e+03	5.704765e+03	2.454813e+03
[16,]	2.911614e-175	1.482197e-322	5.206330e-51
[17,]	1.351208e-238	4.940656e-324	1.449762e-51
[18,]	3.413525e-191	7.365576e-302	3.737640e-34
[19,]	1.526369e-217	4.940656e-324	1.276904e-56
[20,]	1.295024e-259	4.940656e-324	2.722919e-40
[21,]	3.007066e-273	4.940656e-324	5.981701e-27
[22,]	5.006686e-244	4.940656e-324	5.753432e-16
[23,]	1.059137e-236	4.940656e-324	3.516155e-57
F254_170323_060_D01 F254_170323_048_H01 F254_170323_027_D01			
[1,]	4.045118e-243	5.113298e+03	3.295486e-258
[2,]	4.848097e-176	8.329176e-66	2.614697e-161
[3,]	2.584962e-255	1.138125e-136	2.173769e-235
[4,]	2.270122e-288	6.305252e-102	5.749642e-312
[5,]	7.249332e-316	1.438877e-64	4.940656e-324
[6,]	3.296717e-240	1.070802e-148	9.198354e-270
[7,]	1.701462e-234	1.641176e-130	7.682706e-272
[8,]	1.838707e-250	1.062504e-120	6.810303e-271
[9,]	1.460900e-273	2.486159e-90	9.918225e-288
[10,]	4.506096e-243	6.393339e-134	3.847284e-263
[11,]	3.584959e-253	6.709065e-104	5.717723e-266
[12,]	2.771573e-196	1.071143e-97	2.589415e-211
[13,]	3.173904e-250	1.001771e-40	2.512547e-264
[14,]	2.237688e-247	1.385196e-99	4.577840e-260
[15,]	5.986994e+03	1.581971e+03	5.932673e+03
[16,]	1.186286e-195	4.901180e-60	7.747448e-195
[17,]	7.676993e-225	8.387666e-143	7.214222e-254
[18,]	4.701671e-176	8.889838e-113	5.259141e-194
[19,]	2.759387e-248	2.360706e-141	9.985792e-243
[20,]	4.667344e-230	1.573413e-125	1.131931e-255
[21,]	7.788036e-249	1.356743e-128	4.340872e-264
[22,]	6.883738e-238	7.709460e-64	7.564917e-260
[23,]	3.668422e-274	1.212417e-94	7.922999e-253

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[1,]	3.956867e-189	7.726977e-207	5.247851e-100
[2,]	2.818699e-153	1.934387e-146	3.217696e-102
[3,]	7.010088e-173	5.379625e-209	1.602612e-152
[4,]	2.014724e-248	1.521632e-261	7.184136e-205
[5,]	5.106336e-274	2.954424e-318	2.922518e-247
[6,]	1.501697e-239	3.421218e-224	4.420573e-187
[7,]	1.212218e-227	3.043387e-225	4.152005e-177
[8,]	3.805176e-245	4.626957e-223	4.457790e-173
[9,]	9.738701e-259	3.648001e-232	9.364646e-190
[10,]	1.180568e-244	2.592172e-227	9.604585e-172
[11,]	2.385068e-224	1.034223e-237	1.400948e-140
[12,]	3.568876e-196	5.018375e-174	2.950237e-159
[13,]	8.981218e-195	9.901694e-216	1.118191e-145
[14,]	4.328714e-223	2.081708e-228	5.503635e-168
[15,]	5.988998e+03	4.461442e+03	4.450239e+03
[16,]	3.752089e-170	1.501617e-171	1.143356e-107
[17,]	7.471926e-229	5.672166e-217	1.488269e-165
[18,]	2.221515e-182	1.823468e-167	1.144510e-134
[19,]	2.437232e-168	4.311003e-158	6.765874e-145
[20,]	1.517559e-236	1.980588e-231	4.607305e-155
[21,]	7.493843e-230	2.903218e-239	2.926869e-162
[22,]	1.876643e-225	7.051841e-253	7.421255e-180
[23,]	3.852302e-239	5.816967e-219	6.956059e-122
	F254_170323_050_G01	F254_170323_052_B01	F254_170323_036_H01
[1,]	2.170070e-221	5.560571e-198	3.291004e-184
[2,]	1.186996e-233	3.815856e-150	5.641487e-116
[3,]	5.865112e-268	5.653184e-236	2.025855e-155
[4,]	2.226902e-319	1.143195e-259	3.471763e-258
[5,]	4.940656e-324	4.133267e-271	9.155516e-268
[6,]	1.074736e-292	2.489850e-232	6.019125e-214
[7,]	6.924409e-278	5.099406e-239	1.815451e-202
[8,]	2.053812e-293	2.925397e-231	5.519692e-228
[9,]	5.699032e-316	1.058942e-249	3.577627e-238
[10,]	1.287984e-286	1.827496e-247	4.571223e-208
[11,]	6.709170e-292	5.655229e-222	3.062182e-198
[12,]	1.965857e-237	6.231123e-215	2.132530e-170
[13,]	1.956167e-275	1.858861e-226	6.272058e-202
[14,]	6.340848e-267	7.455950e-221	2.814457e-225
[15,]	6.325279e+03	6.232524e+03	5.112223e+03
[16,]	2.202807e-198	1.548411e-177	1.114979e-100
[17,]	2.892611e-268	2.094854e-227	7.475419e-185
[18,]	5.172474e-234	4.048698e-172	1.375665e-155
[19,]	1.190916e-248	1.004639e-187	1.300316e-180
[20,]	6.447998e-297	2.907281e-231	4.963096e-210
[21,]	1.373426e-305	5.549004e-242	2.810537e-204
[22,]	4.138961e-286	1.360525e-215	2.300078e-207
[23,]	2.481448e-251	5.278225e-213	4.258936e-184
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[2,]	2.157151e-16	1.397637e-111	7.690549e-146
[3,]	2.940094e-82	1.494859e-242	5.157174e-195
[4,]	2.998353e-69	1.120764e-272	8.855511e-227
[5,]	3.521310e-41	2.885394e-293	1.559675e-286
[6,]	8.389649e-51	5.003261e-233	9.607675e-187
[7,]	1.337374e-50	7.945107e-227	2.846324e-172
[8,]	6.152732e-67	4.347436e-242	3.166962e-197
[9,]	6.458952e-83	2.147669e-257	1.347540e-210
[10,]	9.665462e-70	1.049599e-240	1.558803e-182
[11,]	6.035545e-48	2.935551e-244	2.827828e-192
[12,]	4.606471e-106	9.770905e-176	9.888746e-193
[13,]	7.877675e-12	3.820638e-198	2.827901e-216
[14,]	5.284216e-34	3.954718e-242	3.665669e-199
[15,]	2.675743e+03	6.847653e+03	6.698846e+03
[16,]	2.065976e+02	1.667870e-186	1.079112e-157
[17,]	1.788780e-50	1.204594e-215	5.069182e-193
[18,]	3.620446e-14	8.215431e-191	6.451820e-153
[19,]	1.023579e-87	1.131624e-189	1.126114e-187
[20,]	3.082124e-32	6.832046e-241	2.585580e-184
[21,]	9.998184e-32	2.926785e-241	4.832260e-192
[22,]	1.044212e+03	6.364880e-241	7.900964e-200
[23,]	8.930742e-44	4.275832e-218	8.713007e-211
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[1,]	2.470813e-214	3.736250e-70	2.136696e-225
[2,]	1.069290e-148	1.691323e-148	9.181732e-215
[3,]	1.396443e-221	5.891621e-132	6.072558e-268
[4,]	7.635651e-304	7.447377e-187	4.940656e-324
[5,]	6.388987e-309	7.392174e-143	4.940656e-324
[6,]	7.656465e-274	2.788360e-176	1.333483e-320
[7,]	4.900390e-263	8.584418e-171	4.940656e-324
[8,]	8.364959e-275	3.080330e-170	4.940656e-324
[9,]	5.200554e-296	1.778402e-175	4.940656e-324
[10,]	7.454983e-284	1.176610e-182	2.025699e-321
[11,]	1.378086e-258	9.442486e-157	3.595832e-276
[12,]	1.941041e-242	2.872822e-159	7.560174e-298
[13,]	3.623396e-244	8.367145e-156	1.577487e-282
[14,]	1.302132e-280	2.215665e-166	3.953062e-294
[15,]	5.377700e+03	3.583802e+03	4.872106e+03
[16,]	7.982158e-184	2.772373e-136	8.461272e-177
[17,]	8.588277e-265	2.155215e-167	2.131698e-276
[18,]	1.266414e-239	5.702879e-167	7.195826e-242
[19,]	2.536287e-224	1.716683e-154	3.879381e-220
[20,]	4.102081e-276	3.793229e-168	2.632034e-295
[21,]	1.174322e-279	9.391810e-187	1.422973e-302
[22,]	1.009158e-269	1.902541e-185	8.672646e-277
[23,]	1.704486e-237	5.026980e-146	1.482825e-283
	F254_170323_041_E01	F254_170323_001_H01	F254_170125_001_D01
[1,]	3.505106e-70	3.141420e+03	5.106217e-156
[2,]	2.405811e-81	5.508051e-11	5.806412e-131
[3,]	6.566099e-124	3.720522e-74	1.516741e-126
[4,]	3.782382e-191	9.282569e-42	1.091418e-228
[5,]	8.780723e-256	7.456665e-36	1.062957e-247
[6,]	1.798870e-155	1.836012e-56	1.565391e-201
[7,]	4.818487e-142	2.719257e-44	1.362044e-202
[8,]	9.670435e-164	4.337801e-33	6.125939e-200
[9,]	4.178247e-184	1.872441e-26	6.047488e-212
[10,]	3.204700e-154	5.717900e-36	1.167362e-194
[11,]	1.816294e-150	3.718870e-47	6.954639e-193
[12,]	2.895387e-151	5.313006e-51	6.065511e-178
[13,]	1.020666e-153	9.684797e-05	3.943600e-179
[14,]	3.165000e-156	3.309357e-19	5.128665e-212
[15,]	5.644831e+03	3.706702e+03	5.297274e+03
[16,]	2.864613e-60	2.808923e-48	4.872435e-126
[17,]	3.055189e-136	3.345681e-33	1.191524e-208
[18,]	5.111781e-115	5.549632e-20	5.139099e-164
[19,]	3.090877e-106	2.237900e-68	1.025458e-135
[20,]	3.706891e-143	1.272811e-19	3.925128e-199
[21,]	9.906989e-144	2.284677e-38	4.120803e-188
[22,]	2.042829e-157	4.449991e+02	2.455889e-203
[23,]	5.173684e-121	6.133134e-16	8.727813e-134
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[2,]	8.915525e-146	1.400690e-107	4.712309e-171
[3,]	2.133009e-223	1.980664e-184	4.580393e-245
[4,]	2.480847e-244	7.206219e-219	4.940656e-324
[5,]	1.943503e-294	5.765444e-229	2.914987e-322
[6,]	1.147885e-183	1.177770e-211	7.112523e-292
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[13,]	1.116160e-212	1.639284e-206	7.446591e-247
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[18,]	1.474621e-137	5.880151e-134	2.283573e-228
[19,]	3.219805e-214	1.839783e-170	4.394257e-224
[20,]	1.005426e-197	4.670435e-201	2.689836e-299
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[22,]	7.318456e-213	8.845749e-186	6.826811e-263
[23,]	7.201214e-214	5.847271e-204	4.589118e-238
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[3,]	3.426372e-09	2.406592e-186	2.617973e-116
[4,]	1.914930e-84	8.236452e-218	6.427078e-141
[5,]	3.727672e+02	1.092976e-198	6.442421e-82
[6,]	1.436402e-75	1.320307e-196	7.239300e-115
[7,]	1.226966e-62	4.473584e-185	4.301625e-125
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[9,]	3.582093e-82	2.585307e-195	4.123664e-123
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[17,]	1.073678e-82	7.375910e-185	1.103098e-115
[18,]	1.713805e-61	1.901444e-156	5.031071e-92
[19,]	9.667971e-48	3.441728e-151	2.211462e-75
[20,]	5.801807e-69	8.777389e-198	6.640387e-63
[21,]	5.431548e-87	1.014071e-204	8.851310e-95
[22,]	4.676580e-16	3.108850e-188	7.977900e-70
[23,]	6.837307e-29	7.147706e-167	2.644498e-85
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[3,]	7.013316e-217	2.242650e-179	3.648235e-226
[4,]	4.681575e-236	2.206288e-249	1.026236e-241
[5,]	1.534218e-279	4.681501e-296	8.394009e-285
[6,]	2.132321e-193	1.589166e-232	6.721529e-205
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[3,]	1.192872e-241	9.543682e-62	8.652630e-69
[4,]	1.929267e-256	3.102623e-83	8.332055e-121
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[6,]	3.654675e-227	5.347251e-86	1.962444e-128
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[10,]	4.481427e-261	2.187926e-115	9.120448e-130
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[20,]	6.064739e-265	4.991889e-59	2.413852e-103
[21,]	8.421473e-262	8.629168e-116	4.802955e-101
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[3,]	3.348419e-185	1.447152e-199	1.703972e-189
[4,]	9.602226e-262	1.204194e-243	3.148435e-234
[5,]	3.855655e-299	3.978331e-275	4.186619e-294
[6,]	4.649128e-242	3.487608e-205	9.583698e-203
[7,]	2.554813e-238	9.649850e-203	5.194446e-201
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[9,]	3.470578e-261	1.033306e-219	5.142889e-220
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[6,]	6.260716e-77	6.287629e-84	2.004599e-226
[7,]	7.090338e-58	3.735897e-90	2.563360e-223
[8,]	3.805426e-67	1.331212e-83	1.896598e-224
[9,]	3.059090e-69	1.011610e-93	3.464565e-248
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[11,]	1.066081e-34	2.370847e-56	1.619460e-208
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[3,] 3.387612e-72 5.544531e+01 2.384241e-172  
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[9,] 2.529205e-163 7.211167e-267 0.000000e+00  
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[15,] 1.748446e-99 5.307745e-185 4.940656e-324  
[16,] 9.188278e+02 3.392484e+03 5.991240e+03  
[17,] 2.098222e-97 2.928350e-259 0.000000e+00  
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[13,] 4.940656e-324 1.418308e-285 1.335018e-246  
[14,] 4.940656e-324 2.529226e-309 5.022979e-245  
[15,] 1.951282e-279 1.024754e-283 3.764165e-132

[16,]	4.040894e+03	3.593380e+03	2.624596e+03
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[18,]	3.021335e-304	3.142197e-285	5.480442e-167
[19,]	6.780606e+01	1.327564e-65	2.734364e+01
[20,]	4.940656e-324	4.940656e-324	2.620584e-217
[21,]	4.940656e-324	4.940656e-324	8.606219e-234
[22,]	4.940656e-324	1.131262e-319	6.891619e-244
[23,]	3.501995e-85	2.021880e-52	9.69611e+01
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[2,]	1.213452e-170	1.349494e-186	4.852258e-210
[3,]	7.754310e+02	6.069607e-63	3.886369e-117
[4,]	5.521637e-285	6.857950e-298	4.940656e-324
[5,]	1.668547e-277	9.465606e-319	4.940656e-324
[6,]	4.598943e-285	6.471797e-290	4.940656e-324
[7,]	1.516320e-264	5.669208e-270	3.000658e-302
[8,]	2.063338e-265	1.343669e-295	2.954562e-319
[9,]	4.438980e-269	9.018776e-292	4.940656e-324
[10,]	1.557324e-284	2.433990e-293	4.940656e-324
[11,]	1.172075e-265	2.224443e-271	3.525906e-311
[12,]	5.408350e-130	5.509036e-175	3.878153e-183
[13,]	2.186778e-211	2.586903e-254	1.463378e-281
[14,]	2.757827e-269	4.365986e-282	3.751324e-283
[15,]	5.295320e-160	1.558187e-196	2.136499e-142
[16,]	1.881190e+03	2.798504e+03	1.807522e+03
[17,]	4.788943e-265	3.674654e-263	3.703395e-308
[18,]	4.472629e-217	1.577616e-209	8.479033e-247
[19,]	3.870429e+03	2.589752e+02	6.353398e-03
[20,]	1.513864e-278	2.921906e-253	1.850561e-316
[21,]	9.081905e-286	6.849836e-276	4.940656e-324
[22,]	8.552672e-249	2.519081e-269	2.888655e-288
[23,]	3.993345e+02	1.075606e-48	1.766893e+01
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[2,]	3.126444e-190	4.940656e-324	1.490590e-165
[3,]	2.108795e-36	4.940656e-324	7.138451e-98
[4,]	4.198054e-250	0.000000e+00	5.254264e-298
[5,]	2.519735e-322	0.000000e+00	1.194189e-300
[6,]	6.035530e-218	0.000000e+00	1.758149e-287
[7,]	3.712330e-197	0.000000e+00	6.173315e-270
[8,]	3.525075e-202	0.000000e+00	3.382342e-288
[9,]	4.027081e-237	0.000000e+00	6.801667e-302
[10,]	4.248989e-203	0.000000e+00	1.249519e-283
[11,]	2.763679e-200	0.000000e+00	8.399872e-280
[12,]	6.477958e-114	4.940656e-324	1.074636e-104
[13,]	5.874460e-180	0.000000e+00	4.030415e-253
[14,]	1.327735e-215	0.000000e+00	1.347485e-276
[15,]	1.235505e-171	4.940656e-324	5.662282e-127
[16,]	2.721403e+03	6.492743e+03	1.715957e+03
[17,]	8.419355e-206	0.000000e+00	2.638431e-259
[18,]	5.286536e-161	4.940656e-324	1.106160e-239
[19,]	1.672633e+02	4.940656e-324	2.287497e+01
[20,]	5.324959e-181	0.000000e+00	1.558469e-290
[21,]	1.112480e-217	0.000000e+00	1.129122e-273
[22,]	1.033050e-213	0.000000e+00	1.736231e-271
[23,]	2.845757e+02	4.940656e-324	2.379923e+02
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[3,]	7.873950e-103	6.809251e-248	1.575871e-36
[4,]	3.442738e-316	4.940656e-324	1.366349e-225
[5,]	4.940656e-324	4.940656e-324	8.820375e-248
[6,]	4.164181e-294	4.940656e-324	4.748293e-217
[7,]	8.258871e-285	4.940656e-324	3.108852e-220
[8,]	2.934394e-287	4.940656e-324	1.026075e-225
[9,]	8.577476e-296	4.940656e-324	9.632836e-223
[10,]	3.08887e-295	4.940656e-324	6.410973e-226
[11,]	1.015260e-286	4.940656e-324	1.407603e-225
[12,]	8.126211e-158	1.424815e-284	5.428970e-37
[13,]	3.577987e-259	4.940656e-324	2.985415e-158
[14,]	3.633653e-289	4.940656e-324	2.784226e-187
[15,]	3.754093e-191	4.940656e-324	1.262505e-81
[16,]	1.752183e+03	4.209936e+03	1.329107e+03
[17,]	1.628839e-246	4.940656e-324	4.380385e-206
[18,]	1.327506e-213	4.940656e-324	1.918558e-164
[19,]	5.319808e-75	1.848876e-148	1.272579e+02
[20,]	1.238333e-290	4.940656e-324	1.334419e-202
[21,]	7.182824e-266	4.940656e-324	3.738416e-204
[22,]	1.698751e-267	4.940656e-324	5.170124e-203
[23,]	3.443489e-15	1.385280e-272	1.039005e+02
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[4,]	1.164940e-62	1.197837e-24	2.342537e-36
[5,]	1.873042e-34	3.829146e-31	4.270340e-04
[6,]	3.100233e-38	8.841876e-35	2.707564e-34
[7,]	3.915074e-39	7.624225e-32	1.485143e-39
[8,]	2.985601e-41	2.732896e-26	2.603075e-36
[9,]	7.942981e-50	6.076417e-34	3.103646e-41
[10,]	1.068979e-51	7.704016e-43	1.846918e-45
[11,]	2.669800e-22	6.826919e-02	3.030370e-03
[12,]	2.356748e-137	3.009010e-146	7.446211e-114
[13,]	1.505585e-43	2.506041e-33	5.279231e-21
[14,]	1.556223e-44	1.016866e-23	5.241662e-33
[15,]	2.887998e-100	3.031924e-97	4.156121e-98
[16,]	3.095904e-103	5.439177e-80	2.827483e-60
[17,]	7.385944e+03	5.695255e+03	6.299669e+03
[18,]	8.649329e-42	3.918137e-38	3.627446e-29
[19,]	2.519888e-116	5.624921e-132	5.547964e-92
[20,]	2.581858e-42	5.340339e-13	2.877402e-32
[21,]	1.432842e-23	1.161057e+03	1.957764e-27
[22,]	3.474330e-49	5.246419e-22	2.282117e-18
[23,]	3.072647e-153	7.016770e-145	2.042897e-111
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[1,]	3.683775e-104	6.330420e-129	8.251978e-73
[2,]	1.703864e-56	3.275368e-43	2.876995e-43
[3,]	4.481154e-100	2.650005e-159	3.650505e-126
[4,]	2.463441e-06	4.597883e-67	4.353332e-38
[5,]	1.229471e+02	3.485393e-69	1.132114e-43
[6,]	4.625767e-36	5.471266e-51	2.840787e-27
[7,]	5.311172e-22	3.629063e-45	8.476640e-32
[8,]	1.083592e-17	1.566675e-55	1.851978e-30
[9,]	7.394005e-19	3.771680e-66	2.538366e-16
[10,]	6.928968e-41	3.019959e-53	5.160911e-19
[11,]	5.880876e+02	1.865393e-42	8.250817e-22
[12,]	8.037493e-119	3.127416e-145	2.968630e-135
[13,]	3.396074e-28	1.684757e-60	2.882244e-25
[14,]	1.084249e-32	1.339107e-48	1.648441e-31
[15,]	2.823515e-100	1.615527e-107	5.188263e-87
[16,]	3.117503e-58	1.572881e-82	1.332877e-55
[17,]	5.078393e+03	8.970228e+03	7.348399e+03
[18,]	7.271825e-30	1.893121e-34	1.373055e-50
[19,]	9.759132e-92	8.577688e-123	6.224475e-78
[20,]	1.366268e-07	6.014403e-50	3.049069e-27
[21,]	9.456778e+02	1.546779e-36	3.733448e-03
[22,]	1.660023e+02	1.899456e-46	7.128986e-38
[23,]	3.713024e-119	2.191424e-160	2.124076e-110
F254_160829_005_D01 F254_171201_007_A01 F254_160805_010_G01			
[1,]	7.739885e-123	3.051039e-145	4.291286e-124

[2,]	8.312053e-53	7.049316e-53	8.364822e-38
[3,]	4.838155e-159	3.769049e-170	2.219743e-143
[4,]	6.277946e-75	1.521561e-79	2.489236e-81
[5,]	1.069893e-73	5.449601e-119	6.343220e-79
[6,]	5.436219e-45	6.025855e-52	2.903512e-66
[7,]	8.863560e-28	1.766534e-37	6.300109e-50
[8,]	8.661110e-61	2.246498e-65	2.008998e-61
[9,]	1.307052e-74	1.918918e-74	1.999943e-78
[10,]	6.856273e-52	2.026986e-60	1.105296e-67
[11,]	6.555049e-33	6.650236e-40	5.897121e-50
[12,]	1.081423e-162	6.987982e-169	1.491043e-162
[13,]	3.672240e-72	5.692646e-73	2.233965e-42
[14,]	1.315308e-51	1.082369e-57	2.811538e-54
[15,]	2.286686e-102	1.958009e-106	1.606376e-94
[16,]	4.164022e-107	1.229205e-105	5.398997e-87
[17,]	7.904363e+03	2.323549e+03	8.407419e+03
[18,]	1.400556e-25	1.307012e-32	4.526985e-25
[19,]	1.784381e-131	1.271978e-146	7.124911e-106
[20,]	3.069209e-50	1.692359e-46	4.006819e-59
[21,]	3.113955e-35	4.631660e-37	1.060621e-52
[22,]	5.457376e-53	4.103154e-72	3.529928e-39
[23,]	1.275691e-155	4.174725e-162	1.510541e-149
[1,]	F254_160627_015_B01	F254_160502_009_D01	F254_160614_003_C01
[2,]	8.407286e-132	6.750069e-55	5.183764e-112
[3,]	2.474881e-48	2.201375e-17	4.539704e-01
[4,]	7.563209e-171	4.540792e-124	4.521417e-137
[5,]	5.220946e-75	1.409889e-47	2.145419e-51
[6,]	3.671650e-80	1.505737e-25	3.018995e-14
[7,]	5.343476e-53	1.012216e-46	6.789544e-37
[8,]	3.042739e-42	6.002993e-36	2.940944e-28
[9,]	2.842435e-67	1.977223e-37	5.383722e-43
[10,]	1.075532e-74	1.840950e-41	6.927510e-44
[11,]	9.740346e-68	4.007075e-51	2.110789e-34
[12,]	3.638393e-40	4.883457e-01	6.950708e-17
[13,]	9.429196e-168	1.834123e-143	1.762771e-124
[14,]	1.987396e-69	5.622081e+00	2.196567e-49
[15,]	4.316950e-56	1.443194e-38	5.211694e-25
[16,]	4.575141e-109	7.532717e-69	1.438741e-85
[17,]	2.559325e-108	1.465171e-57	4.358526e-80
[18,]	6.972591e+03	6.148102e+03	6.525615e+03
[19,]	2.426213e-27	1.417088e-01	2.447296e-10
[20,]	6.771610e-134	3.971128e-80	1.101001e-126
[21,]	7.686351e-57	7.126637e-35	2.405219e-32
[22,]	5.644881e-42	2.605825e-35	1.534112e+03
[23,]	1.835068e-54	7.234423e+02	1.176384e-22
[1,]	F254_160826_003_C01	F254_160804_002_F01	F254_170406_012_G01
[2,]	1.123370e-97	1.650549e-110	6.992440e-81
[3,]	6.049594e-35	3.619326e-71	4.113385e-31
[4,]	1.732378e-138	2.611992e-164	6.646042e-123
[5,]	4.100595e-95	5.813505e-64	2.626812e-87
[6,]	5.976538e-53	1.286653e-56	2.244989e-105
[7,]	1.095529e-57	2.983858e-46	3.563766e-73
[8,]	5.301764e-57	2.063996e-51	2.214337e-57
[9,]	7.262978e-74	6.538282e-54	5.244632e-76
[10,]	1.458269e-78	5.340590e-57	7.094948e-75
[11,]	4.691159e-67	4.380462e-63	8.012300e-63
[12,]	1.344239e-30	1.681229e-26	5.887176e-44
[13,]	5.287506e-102	1.073491e-171	3.430428e-134
[14,]	7.653324e-18	7.978612e-57	2.255850e-50
[15,]	8.244964e-61	4.685126e-45	1.054746e-43
[16,]	4.789220e-59	5.732271e-112	1.148316e-76
[17,]	6.099686e-59	1.080701e-97	1.413243e-67
[18,]	6.194070e+03	1.072385e+04	7.571386e+03
[19,]	8.592199e-23	7.024204e-54	3.016541e-25
[20,]	6.318382e-119	4.361406e-132	3.145151e-94
[21,]	1.306931e-57	6.545590e-48	1.688169e-38
[22,]	6.438124e-35	1.742515e-38	2.741716e-28
[23,]	3.281857e-35	2.002484e-56	2.205997e-39
[1,]	F254_160829_001_G01	F254_160121_003_G01	F254_160805_004_F01
[2,]	5.097870e-74	3.750878e-64	2.421128e-92
[3,]	7.963182e-13	8.229504e-34	7.613790e-62
[4,]	7.285052e-127	1.751688e-118	3.071495e-135
[5,]	2.216770e-54	2.967016e-41	7.243538e-55
[6,]	1.055187e-35	1.029482e+02	3.021074e-34
[7,]	3.866319e-46	6.139919e-23	1.224532e-46
[8,]	6.166066e-40	4.028694e-32	5.263551e-30
[9,]	3.811719e-43	2.375838e-38	2.773754e-44
[10,]	1.794528e-55	3.633752e-25	8.973909e-56
[11,]	1.605251e-47	7.086964e-39	4.398445e-58
[12,]	1.234277e-28	2.333825e-02	2.250271e-32
[13,]	7.008824e-118	1.092625e-126	3.251989e-130
[14,]	3.208683e-44	1.44684e-08	1.297886e-47
[15,]	1.695784e-29	1.296797e-28	1.053251e-40
[16,]	6.267416e-70	5.395541e-71	3.712199e-105
[17,]	2.656096e-66	5.191586e-42	1.747629e-76
[18,]	7.116959e+03	5.945311e+03	6.072655e+03
[19,]	1.752348e-16	5.380940e+01	1.686670e-44
[20,]	1.009609e-103	9.699961e-81	5.571694e-113
[21,]	3.612624e-35	4.917750e-01	1.204154e-53
[22,]	1.209519e-17	1.175469e-26	1.074404e-42
[23,]	5.144073e-16	7.175903e+02	5.214245e-43
[1,]	F254_170406_009_D01	F154_180130_309_A01	F254_170907_004_B01
[2,]	6.741075e-103	3.487459e-136	8.137671e-150
[3,]	3.597627e-22	6.611909e-40	8.708658e-27
[4,]	6.294206e-148	1.927592e-183	1.158525e-146
[5,]	1.908785e-59	4.795700e-71	4.040665e-72
[6,]	1.365904e-46	4.564401e-108	5.132713e-108
[7,]	8.082716e-41	5.197087e-30	7.182072e-44
[8,]	9.423425e-26	2.641945e-20	2.057860e-30
[9,]	5.743590e-46	8.237215e-52	2.233838e-50
[10,]	4.887371e-47	2.704246e-64	1.665118e-58
[11,]	4.563056e-48	5.401679e-41	1.835418e-35
[12,]	5.111591e-31	1.277677e-31	1.449928e-29
[13,]	1.381039e-128	1.277528e-179	5.655028e-156
[14,]	2.362952e-30	6.158745e-71	8.540276e-55
[15,]	2.988267e-37	7.168438e-46	4.622621e-47
[16,]	1.031644e-71	9.795694e-112	5.723099e-98
[17,]	1.263694e-72	9.556237e-102	3.102839e-92
[18,]	6.262312e+03	2.615216e+03	3.867886e+03
[19,]	8.503555e-21	1.319466e-09	8.286855e-17
[20,]	3.007298e-90	8.284770e-142	2.106468e-123
[21,]	1.786017e-38	1.208178e-32	8.993930e-23
[22,]	3.445425e-16	4.736218e-05	3.828990e-02
[23,]	4.014537e-45	2.484470e-47	5.309192e-25
[1,]	F254_160811_003_E01	F254_171018_003_D01	F254_160121_008_B01
[2,]	6.602154e-130	4.856179e-150	3.249541e-107
[3,]	4.705933e-50	2.855651e-59	1.165781e-66
[4,]	2.839338e-155	1.064425e-187	2.240687e-147
[5,]	1.100147e-78	1.212278e-72	1.975822e-53
[6,]	1.620310e-50	1.268750e-118	2.521081e-30
[7,]	4.364596e-62	1.881168e-53	3.454173e-40
[8,]	2.404976e-50	2.585578e-22	1.024833e-41
[9,]	8.111828e-67	1.096634e-69	3.333865e-43
[10,]	6.037659e-76	1.522271e-74	6.080217e-45
[11,]	3.675367e-63	5.211799e-59	1.402427e-63
[12,]	2.104437e-62	2.266119e-57	1.339051e-17

[12,]	7.169026e-131	2.485402e-175	7.787759e-136
[13,]	5.865063e-78	2.091366e-100	2.813393e-57
[14,]	4.192332e-60	5.896906e-68	1.22837e-47
[15,]	3.523236e-105	2.236777e-136	2.291481e-109
[16,]	2.112067e-76	6.597250e-123	1.250679e-104
[17,]	7.019526e+03	2.885342e+03	6.235168e+03
[18,]	9.512549e-34	1.038680e-15	1.055855e-65
[19,]	9.249356e-131	2.382300e-151	4.220417e-136
[20,]	8.657085e-66	4.797504e-66	3.221714e-45
[21,]	9.573937e-49	1.920230e-42	6.970192e-26
[22,]	2.089104e-42	9.667418e-60	1.012904e-55
[23,]	4.850655e-157	2.383922e-179	4.357846e-142
	F254_160412_010_H01	F254_160804_004_B01	F254_171018_001_A01
[1,]	4.133359e-85	8.390174e-109	3.979121e-132
[2,]	2.002680e-54	4.671988e-36	4.461534e-65
[3,]	7.016437e-119	6.687265e-154	2.435684e-157
[4,]	5.297689e-39	5.984954e-51	1.659431e-59
[5,]	7.446785e-55	2.727660e-30	6.284092e-73
[6,]	2.830433e-32	3.291770e-35	1.7580470e-32
[7,]	7.132405e-29	5.079035e-33	1.512316e-35
[8,]	5.687735e-25	2.142824e-38	7.897917e-48
[9,]	1.959792e-24	4.180173e-45	2.798772e-57
[10,]	6.610898e-23	3.587884e-38	9.952776e-38
[11,]	3.306243e-09	4.625205e-24	8.891440e-18
[12,]	4.490121e-137	7.583283e-137	2.271564e-160
[13,]	1.222866e-11	1.920966e-36	2.206682e-62
[14,]	5.007411e-26	2.353926e-38	1.944919e-43
[15,]	1.342418e-86	4.334580e-96	8.279870e-110
[16,]	2.683528e-79	2.243190e-86	3.696398e-99
[17,]	6.378936e+03	6.276166e+03	3.822120e+03
[18,]	2.617733e-44	1.945802e-22	3.094203e-30
[19,]	1.547611e-101	9.952037e-126	4.178006e-141
[20,]	1.039570e-03	5.718277e-26	1.106609e-36
[21,]	1.676162e+03	3.313168e-08	7.664595e-11
[22,]	3.507282e-23	3.381942e-31	4.206316e-47
[23,]	6.951646e-128	1.22527e-142	2.789138e-163
	F254_160121_010_E01	F254_171201_009_B01	F154_180129_303_C01
[1,]	2.026770e-136	1.236652e-152	8.587912e-138
[2,]	7.038671e-46	3.679690e-45	1.473858e-16
[3,]	1.406000e-172	1.080017e-174	2.740739e-156
[4,]	2.376748e-63	5.516758e-95	8.220630e-74
[5,]	2.863890e-57	1.394449e-107	8.386466e-86
[6,]	1.550106e-48	4.627875e-51	1.639924e-46
[7,]	7.503153e-40	3.270815e-41	1.386296e-44
[8,]	1.140563e-55	1.243750e-66	2.152561e-65
[9,]	1.723778e-63	6.834580e-84	2.009267e-71
[10,]	1.898414e-59	8.946687e-55	7.023524e-56
[11,]	1.848350e-29	1.360088e-42	1.012786e-40
[12,]	7.810319e-160	2.556569e-171	1.421439e-126
[13,]	9.429683e-64	1.797287e-66	4.084829e-51
[14,]	2.530860e-45	8.257375e-52	2.829712e-52
[15,]	6.436276e-117	1.579087e-102	2.051322e-96
[16,]	2.945947e-106	1.813831e-81	1.490676e-90
[17,]	5.203718e+03	2.868056e+03	4.192666e+03
[18,]	9.771538e-31	9.290427e-23	1.001311e-17
[19,]	1.654956e-141	1.931113e-118	6.914394e-126
[20,]	8.971598e-43	9.881927e-62	1.271957e-44
[21,]	3.170226e-38	3.451681e-39	1.084912e-29
[22,]	1.571040e-34	1.075994e-43	1.423666e-37
[23,]	1.525590e-174	2.834473e-156	9.112689e-165
	F254_160114_017_H01	F254_171018_001_B01	F254_160825_060_C01
[1,]	9.163659e-67	1.132499e-164	5.755563e-107
[2,]	5.598361e+00	7.651417e-46	7.683398e-18
[3,]	1.265494e-104	1.521273e-168	2.130785e-144
[4,]	1.702223e-31	2.629603e-90	3.693259e-43
[5,]	1.494443e+02	9.789498e-102	4.869144e-30
[6,]	1.218777e-36	4.916687e-56	4.715357e-32
[7,]	9.708001e-31	6.983623e-41	6.120817e-20
[8,]	1.548317e-34	1.248588e-64	5.880798e-32
[9,]	4.599469e-37	6.443954e-91	4.342412e-33
[10,]	1.607638e-45	3.647937e-58	6.905030e-37
[11,]	8.456594e+01	1.891592e-55	6.161615e-23
[12,]	2.594026e-97	1.643654e-180	6.659102e-121
[13,]	1.727017e+02	3.614818e-90	2.268511e-13
[14,]	1.930088e-33	5.411604e-68	6.786545e-30
[15,]	1.743896e-60	1.887416e-129	9.769344e-89
[16,]	1.412140e-43	3.871561e-116	6.855490e-39
[17,]	5.084237e+03	3.702203e+03	5.876109e+03
[18,]	6.126349e-02	5.309101e-13	5.719957e-13
[19,]	1.544917e-81	5.675251e-142	3.734135e-81
[20,]	1.518039e-18	3.560122e-68	1.183388e-28
[21,]	1.609763e-05	7.849016e-52	1.239111e-10
[22,]	2.630657e+02	1.221522e-70	1.156286e-08
[23,]	2.346301e-114	1.076574e-187	2.156161e-114
	F254_171201_004_D01	F254_171018_001_C01	F254_160824_052_H01
[1,]	9.006223e-146	1.754817e-148	3.840365e-124
[2,]	4.820258e-61	1.239455e-43	4.722766e-55
[3,]	3.570418e-164	2.607937e-174	7.692444e-168
[4,]	3.267680e-67	2.150486e-68	3.584308e-94
[5,]	1.741605e-109	6.957334e-91	1.336081e-98
[6,]	2.240039e-35	5.763921e-39	1.124056e-69
[7,]	1.856083e-21	5.189704e-28	3.669232e-63
[8,]	7.378532e-43	7.706858e-52	9.402574e-89
[9,]	1.560256e-55	5.554788e-63	2.820796e-91
[10,]	5.134958e-38	1.993719e-36	1.251673e-78
[11,]	1.924880e-13	3.132548e-34	2.698453e-82
[12,]	2.275768e-160	1.280189e-156	3.483530e-171
[13,]	4.880370e-79	2.643242e-86	3.351008e-83
[14,]	1.433116e-47	5.322359e-46	5.309065e-73
[15,]	3.863788e-116	4.826998e-126	3.167868e-117
[16,]	2.273572e-99	3.016030e-86	3.706398e-104
[17,]	2.442432e+03	3.77879e+03	8.161087e+03
[18,]	6.463463e-25	3.669202e-10	1.187465e-59
[19,]	3.314565e-132	3.764284e-147	7.078369e-112
[20,]	2.571860e-31	3.642102e-43	4.620139e-72
[21,]	3.731571e-13	3.207939e+02	1.531839e-52
[22,]	5.036873e-52	5.489011e-38	1.903077e-72
[23,]	1.491858e-154	2.093620e-171	1.346527e-148
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[1,]	4.221459e-100	5.745636e-64	4.451441e-104
[2,]	1.144698e-48	7.688718e-07	1.407165e-43
[3,]	1.587711e-124	2.081585e-133	1.000488e-136
[4,]	5.560153e-38	1.205464e-50	1.520765e-45
[5,]	7.207054e-58	3.182424e-71	1.961046e-81
[6,]	7.060787e-36	3.825076e-32	6.455775e-42
[7,]	4.782005e-44	2.453044e-20	2.979963e-35
[8,]	4.157055e-37	2.724043e-31	5.270855e-48
[9,]	1.948862e-36	1.488656e-30	1.334082e-37
[10,]	3.020766e-44	3.037336e-11	5.315269e-39
[11,]	3.877304e-03	1.162757e-28	1.136316e-05
[12,]	8.919598e-142	1.712741e-133	8.803004e-117
[13,]	8.246066e-34	6.909974e-17	1.009040e-28
[14,]	7.712067e-36	1.557928e-13	1.747693e-40
[15,]	3.995829e-85	1.735135e-65	2.653947e-95
[16,]	4.099957e-81	1.037893e-58	4.324412e-72
[17,]	9.359959e+03	7.726181e+03	4.564998e+03
[18,]	8.828428e-56	3.195839e-06	3.623432e-38
[19,]	2.338548e-101	1.666094e-88	8.626500e-128
[20,]	3.947195e-06	3.477108e-15	1.813009e-02
[21,]	7.275986e+02	1.819440e-03	3.215226e+03



[22,]	5.578838e-31	1.367003e-14	5.904600e-22
[23,]	4.453271e-126	8.092670e-120	4.577016e-115
[1,]	F254_160824_050_A01	F254_171201_009_D01	F254_170125_023_D01
[2,]	1.821001e-121	1.252736e-123	3.974956e-98
[3,]	1.038586e-69	2.301396e-15	2.112248e-25
[4,]	6.202362e-164	5.020372e-148	9.338766e-137
[5,]	5.802199e-81	4.469864e-53	1.931214e-56
[6,]	2.842400e-71	2.502333e-88	5.870804e-76
[7,]	2.232034e-49	1.000134e-23	2.400358e-43
[8,]	7.733760e-35	1.240436e-20	3.447935e-45
[9,]	3.334809e-66	2.175137e-37	3.131110e-65
[10,]	9.065639e-70	1.085874e-43	3.487402e-60
[11,]	2.019201e-64	1.768119e-31	2.938998e-51
[12,]	5.513378e-46	3.308893e-02	4.300540e-20
[13,]	1.256882e-163	3.335870e-144	1.545562e-133
[14,]	7.577179e-61	1.688733e-48	2.425044e-51
[15,]	1.908746e-56	1.708426e-31	1.097762e-44
[16,]	2.945510e-113	1.804695e-102	2.143463e-80
[17,]	3.059080e-103	3.033041e-68	1.337865e-75
[18,]	7.016822e+03	3.040787e+03	4.096544e+03
[19,]	6.137932e-44	1.217455e-02	1.942432e-15
[20,]	1.770673e-134	8.429073e-107	1.112184e-101
[21,]	1.179813e-64	1.881846e-21	2.896734e-29
[22,]	1.369657e-49	2.832359e-06	3.146254e+03
[23,]	3.665471e-54	1.432114e-30	2.158875e-22
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[3,]	1.416296e-23	1.290652e-24	4.808924e-48
[4,]	6.683387e-137	5.241815e-113	1.787576e-156
[5,]	1.613853e-59	2.619393e-64	2.648578e-65
[6,]	1.681673e-81	8.065623e-64	2.188527e-82
[7,]	5.023889e-47	1.442817e-50	4.944146e-47
[8,]	1.505551e-44	5.095477e-52	2.419194e-35
[9,]	1.771424e-59	6.247906e-52	2.013297e-48
[10,]	7.320245e-58	1.008264e-63	1.924244e-63
[11,]	3.430885e-46	4.443954e-52	3.897803e-42
[12,]	4.580065e-56	2.018647e-53	2.077405e-39
[13,]	8.624859e-129	1.786298e-118	6.480244e-134
[14,]	2.092029e-62	5.024425e-21	3.086352e-72
[15,]	1.459600e-43	2.651988e-46	2.197363e-36
[16,]	4.244428e-83	2.375200e-96	8.368200e-99
[17,]	3.506165e-89	5.519009e-55	1.482720e-77
[18,]	9.989076e+03	8.364455e+03	1.319572e+03
[19,]	1.901160e-10	2.453289e-21	2.344121e-22
[20,]	7.969927e-95	7.627952e-79	3.668679e-111
[21,]	1.019953e-47	8.807223e-39	2.078701e-39
[22,]	4.847263e-43	6.990695e-38	3.960347e+02
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[3,]	1.042055e-36	6.090738e-39	2.333166e-52
[4,]	7.457248e-146	5.292696e-162	2.228556e-160
[5,]	2.589682e-42	1.491955e-88	2.741145e-45
[6,]	9.114999e-63	1.556243e-107	1.368923e-59
[7,]	5.703171e-32	2.793456e-50	1.807659e-27
[8,]	1.290380e-33	1.724677e-42	6.517464e-28
[9,]	2.397657e-30	3.453937e-65	1.317048e-40
[10,]	1.956898e-33	2.146201e-73	1.934018e-37
[11,]	1.097791e-34	3.589654e-52	3.511207e-43
[12,]	3.276788e-10	2.081019e-36	2.546299e-17
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[14,]	3.539509e-28	7.553269e-67	5.869111e-39
[15,]	3.922780e-34	4.538394e-44	5.376256e-31
[16,]	7.647748e-90	6.439773e-106	2.654805e-99
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[18,]	8.526085e+03	8.934516e+03	7.223262e+03
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[20,]	1.311746e-127	1.766291e-130	1.689738e-130
[21,]	3.482575e-18	1.334118e-29	1.822235e-31
[22,]	1.194402e+03	2.207700e-23	8.597903e-06
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[3,]	2.625568e-09	6.386826e-36	9.143402e-30
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[5,]	1.815586e-53	4.948463e-70	1.138399e-58
[6,]	3.192987e-62	2.193138e-63	3.855433e+02
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[13,]	3.338021e-98	3.236111e-133	3.564460e-113
[14,]	3.287839e-13	3.605913e-44	7.017256e-26
[15,]	4.799240e-22	2.210319e-56	1.730725e-55
[16,]	1.661859e-64	2.532301e-88	2.131423e-52
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[18,]	5.499658e+03	8.732114e+03	5.928227e+03
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[20,]	2.893715e-70	1.404133e-126	1.369137e-72
[21,]	1.135078e-12	1.134298e-52	2.687894e-53
[22,]	2.892699e-22	1.795117e-46	4.140259e-46
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[3,]	1.256223e-41	1.023014e-11	1.154602e-84
[4,]	3.956502e-133	1.488527e-129	3.262342e-156
[5,]	1.395965e-72	4.595097e-68	3.451706e-91
[6,]	4.826219e-60	4.109136e-34	5.681407e-84
[7,]	1.208019e-51	4.709349e-50	1.468332e-69
[8,]	8.879593e-47	2.550090e-49	2.099254e-72
[9,]	3.753639e-56	8.367340e-56	1.395149e-69
[10,]	2.488616e-68	4.101778e-63	5.603176e-75
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[12,]	2.726336e-40	1.404298e-37	4.009672e-47
[13,]	2.138238e-126	1.725813e-120	7.575733e-151
[14,]	6.018540e-42	5.322373e-29	1.017736e-68
[15,]	7.424625e-60	7.821642e-46	1.452846e-65
[16,]	1.488300e-69	1.136403e-70	2.184933e-111
[17,]	6.715316e-67	2.063613e-68	1.106711e-89
[18,]	6.874074e+03	6.962540e+03	2.093000e+04
[19,]	2.911882e-31	7.408161e-29	4.288275e-62
[20,]	8.392176e-93	5.691135e-93	1.428499e-131
[21,]	2.513134e-38	4.254734e-50	4.074558e-46
[22,]	5.259438e-37	1.016790e-20	1.624376e-36
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[6,]	2.701344e-46	5.119785e+02	7.368971e-28
[7,]	4.522319e-40	6.912271e-30	1.111072e-34
[8,]	1.034235e-24	3.718339e-43	2.734866e-28

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[14,] 9.170363e-42 2.108056e+02 1.613191e-62  
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[17,] 7.842696e+03 8.419559e+03 1.929980e+04  
[18,] 6.389360e-75 4.795321e-50 1.949967e-53  
[19,] 6.527820e-162 6.476078e-123 3.014543e-155  
[20,] 2.830905e-36 7.696271e-16 1.448170e-87  
[21,] 1.529729e+02 1.151018e-11 2.149376e-72  
[22,] 2.150607e-70 1.951849e-26 6.380794e-63  
[23,] 1.502264e-172 3.531398e-128 1.010468e-169

F154\_180129\_311\_G01 F254\_160415\_012\_E01 F254\_160115\_017\_F01  
[1,] 9.021092e-113 1.756276e-99 7.334541e-79  
[2,] 4.024160e-31 1.084577e-37 6.042066e-31  
[3,] 1.127600e-130 2.006806e-125 7.820725e-112  
[4,] 2.013023e-51 6.051541e-45 1.903736e-30  
[5,] 8.498470e-103 3.111882e-51 3.274763e-07  
[6,] 3.226806e-39 1.048917e-24 7.142725e-37  
[7,] 1.387759e-25 1.410793e-20 4.654738e-40  
[8,] 6.965139e-37 1.494922e-35 5.207006e-34  
[9,] 2.718277e-43 2.246715e-27 6.092043e-29  
[10,] 3.809174e-20 2.219655e-23 3.908299e-29  
[11,] 7.563730e-28 1.154913e+03 6.701868e+02  
[12,] 2.931275e-117 5.210220e-139 5.932289e-122  
[13,] 9.737372e-35 4.827681e-14 6.333934e-03  
[14,] 6.753005e-30 5.581303e-21 1.445123e-24  
[15,] 1.226838e-83 2.548477e-64 6.487651e-90  
[16,] 3.433405e-71 1.194368e-56 2.901289e-80  
[17,] 2.026417e+03 3.544618e-20 2.879063e-31

[18,]	2.697542e+02	2.166531e+03	2.777638e+03
[19,]	1.603845e-106	6.548833e-112	6.960471e-108
[20,]	9.592553e-23	4.480181e+03	2.157461e+03
[21,]	2.922016e+02	5.554509e+02	1.673191e-13
[22,]	1.450401e-39	1.739778e-09	5.302940e-06
[23,]	8.047608e-135	6.903530e-115	1.531772e-123
F254_160304_007_C01 F254_151223_008_C01 F254_160304_008_C01			
[1,]	1.329706e-112	2.696797e-62	3.939916e-102
[2,]	6.278338e-72	3.645043e-69	4.343932e-47
[3,]	3.892540e-157	3.947554e-135	3.733719e-149
[4,]	1.816577e-44	3.814063e-61	8.515842e-47
[5,]	2.217774e-24	3.024704e-36	1.125953e-32
[6,]	3.735212e-38	3.159106e-54	3.441677e-27
[7,]	3.010767e-47	3.327792e-56	6.918643e-28
[8,]	3.539044e-44	6.331414e-48	1.041223e-30
[9,]	5.157981e-44	3.594387e-49	3.264358e-39
[10,]	6.005023e-51	1.408684e-51	3.071982e-27
[11,]	2.189251e+03	4.179080e+03	6.954935e+03
[12,]	1.151483e-141	3.944426e-132	6.253883e-127
[13,]	5.274805e-39	1.404801e-22	4.770890e-34
[14,]	1.473768e-40	1.061904e-42	6.254729e-31
[15,]	5.386858e-129	1.310711e-84	3.045179e-63
[16,]	1.573103e-93	7.266629e-91	3.038978e-83
[17,]	1.532799e-25	1.221011e-20	2.132057e-12
[18,]	8.076408e+02	6.735980e+02	1.861469e+03
[19,]	6.629346e-125	5.804906e-120	2.157411e-98
[20,]	2.446938e-06	3.638066e+00	1.749986e-04
[21,]	1.396059e-40	1.006720e-32	3.938941e-20
[22,]	5.010883e+03	1.624753e+03	2.627150e+02
[23,]	3.460305e-151	1.201915e-131	1.221208e-143
F254_170707_012_C01 F254_160415_004_C01 F254_170707_029_A01			
[1,]	6.315370e-108	8.712856e-92	1.130994e-127
[2,]	5.613512e-94	1.141800e-45	2.624482e-50
[3,]	8.212085e-158	7.720753e-153	5.063700e-174
[4,]	1.494353e-60	6.325405e-49	6.105243e-78
[5,]	1.136352e-76	3.621094e-43	2.635604e-84
[6,]	9.191161e-60	1.908305e-39	1.318172e-53
[7,]	5.825290e-58	4.730273e-49	1.524985e-58
[8,]	7.427259e-58	5.337433e-34	3.316432e-63
[9,]	1.287795e-59	2.039520e-34	1.383101e-65
[10,]	5.979153e-62	3.098016e-40	1.076425e-53
[11,]	3.598698e-14	4.165110e+03	6.632591e-40
[12,]	8.088893e-151	2.323819e-145	1.198302e-177
[13,]	8.860669e-61	2.886315e-21	1.098921e-50
[14,]	2.906674e-60	3.959852e-29	2.943998e-59
[15,]	2.247045e-123	2.946740e-87	3.880618e-79
[16,]	2.402248e-97	2.980011e-101	1.851924e-110
[17,]	2.466501e-32	5.966387e-42	7.280127e-46
[18,]	6.496477e+02	5.580036e+03	7.358836e+03
[19,]	6.161350e-132	1.759045e-121	7.781038e-159
[20,]	5.363594e+03	1.596392e-05	1.653597e+03
[21,]	8.851228e-30	1.928485e-20	1.989352e-27
[22,]	3.318346e+03	9.683770e-24	1.728686e-31
[23,]	1.076410e-146	5.401769e-165	6.245254e-164
F254_161017_025_F01 F254_171004_003_F01 F254_160419_021_F01			
[1,]	8.904123e-101	1.580847e-80	8.661972e-142
[2,]	1.550939e-43	1.591193e-43	8.670529e-99
[3,]	6.145333e-163	8.112356e-135	1.434127e-196
[4,]	1.330820e-70	1.910932e-59	4.056204e-97
[5,]	1.682844e-80	4.739685e-81	3.513812e-97
[6,]	4.124244e-52	1.513590e-44	6.974858e-96
[7,]	5.060210e-46	1.469629e-37	2.202029e-86
[8,]	2.574678e-57	1.783552e-43	1.704481e-92
[9,]	5.059393e-64	3.423468e-46	7.678720e-101
[10,]	1.665522e-44	2.976889e-39	1.148010e-92
[11,]	2.700679e-26	6.83084e+02	6.052236e-65
[12,]	2.444124e-161	1.611770e-124	2.707220e-197
[13,]	9.780538e-52	2.330226e-26	3.541675e-108
[14,]	6.623128e-43	5.988231e-43	2.413261e-93
[15,]	3.954113e-95	3.929471e-91	5.957128e-169
[16,]	7.870272e-111	7.196008e-60	4.878226e-124
[17,]	3.283619e-28	9.615099e-07	3.258856e-72
[18,]	3.348563e+03	2.162182e+03	5.099191e+03
[19,]	3.959606e-140	7.812532e-94	2.192402e-157
[20,]	4.322938e+03	5.746524e+02	1.028397e-34
[21,]	2.059638e-19	3.725540e-20	1.248476e-76
[22,]	9.660776e-01	4.751794e-05	1.919316e+03
[23,]	1.814805e-156	6.407265e-110	5.274381e-180
F154_160108_003_G01 F254_170707_027_D01 F254_160415_009_F01			
[1,]	3.152251e-96	1.129083e-130	5.053167e-106
[2,]	1.133950e-95	4.760290e-60	6.192563e-48
[3,]	1.687122e-174	2.236587e-154	1.391083e-151
[4,]	1.961338e-48	2.632330e-52	8.324440e-56
[5,]	2.068506e-13	4.877579e-55	7.586400e-56
[6,]	2.777696e-65	4.349970e-38	4.420733e-53
[7,]	1.053098e-67	7.518279e-43	4.135533e-42
[8,]	7.943766e-50	4.276843e-55	8.228836e-44
[9,]	2.021793e-54	7.242913e-57	1.625057e-48
[10,]	1.414835e-62	3.894957e-47	7.663614e-42
[11,]	3.906512e+03	1.051134e-23	4.848929e+03
[12,]	9.297808e-170	7.984198e-159	6.275751e-142
[13,]	2.485681e-51	7.598962e-40	1.791499e-41
[14,]	1.339927e-60	3.764740e-48	5.264962e-48
[15,]	5.928541e-105	1.789919e-98	7.567186e-103
[16,]	5.379683e-132	2.337751e-79	2.211007e-87
[17,]	3.430762e-20	3.801700e-33	2.628748e-26
[18,]	3.375296e+03	2.553739e+03	3.235002e+03
[19,]	8.389781e-126	4.283120e-125	6.627553e-134
[20,]	3.724120e-18	1.645149e+02	1.691712e-07
[21,]	8.566769e-50	1.080183e-34	4.825875e-31
[22,]	3.323597e-12	1.969669e+03	2.377866e-33
[23,]	3.344253e-171	7.074540e-156	4.737755e-136
F254_160415_023_C01 F254_160419_015_H01 F254_161107_008_D01			
[1,]	7.026826e-109	6.982573e-50	1.897580e-63
[2,]	1.173033e-101	6.853537e-30	1.130148e-62
[3,]	3.615009e-160	4.446066e-131	2.813414e-157
[4,]	1.694761e-57	3.792920e-42	5.951907e-67
[5,]	3.010927e-38	1.015528e-16	9.967520e-58
[6,]	2.572853e-53	2.395735e-23	2.148983e-53
[7,]	9.636455e-66	3.592305e-32	1.709907e-61
[8,]	6.278728e-68	6.883187e-32	9.517956e-63
[9,]	5.805623e-63	1.068019e-35	2.247450e-57
[10,]	1.386570e-87	1.052177e-28	2.424503e-66
[11,]	9.997945e-35	2.951922e+03	1.507420e-09
[12,]	3.225429e-160	2.731805e-111	4.689514e-133
[13,]	6.738742e-31	5.319847e-06	5.379680e-33
[14,]	6.594528e-76	2.184743e-16	1.742678e-45
[15,]	1.923660e-99	1.605226e-68	3.152540e-109
[16,]	4.705818e-109	6.685189e-74	1.068008e-90
[17,]	1.245340e-32	7.923622e-19	4.880696e-23
[18,]	2.309675e+03	2.028667e+03	2.650212e+03
[19,]	8.973078e-116	9.449689e-110	2.100691e-97
[20,]	1.840754e-33	8.489140e-05	2.089094e+03
[21,]	5.068066e-70	5.249592e-28	2.854536e-33
[22,]	2.956172e+03	1.383670e-10	2.359862e+03
[23,]	4.889951e-144	7.035338e-141	3.106362e-121
F254_160802_002_D01 F254_170406_010_H01 F254_170707_012_G01			
[1,]	1.123177e-303	5.15801e-62	4.419712e-98
[2,]	1.074699e-239	7.632252e-23	1.808169e-23
[3,]	4.940656e-324	1.224215e-123	1.821618e-129

[4,]	1.058097e-181	7.816260e-28	9.895135e-31
[5,]	5.581776e-184	1.883967e-32	1.428445e-26
[6,]	1.916278e-182	4.041841e-20	1.148344e-26
[7,]	3.582242e-169	1.102860e-27	1.215508e-23
[8,]	1.153691e-172	3.468745e-21	1.227810e-09
[9,]	2.588408e-171	4.253738e-11	1.207599e-14
[10,]	4.505619e-157	1.315316e-12	1.785609e-13
[11,]	2.185036e-112	1.356756e+03	1.198012e-01
[12,]	4.940656e-324	1.613727e-116	1.832695e-134
[13,]	6.398405e-211	2.018080e+02	2.713648e+02
[14,]	5.160519e-195	1.627143e-18	1.019308e-21
[15,]	4.756380e-278	1.263738e-54	9.078828e-77
[16,]	4.940656e-324	8.959243e-74	3.304744e-74
[17,]	2.755883e-129	1.037571e-28	2.053814e-19
[18,]	8.162930e+03	1.819832e+03	2.138076e+03
[19,]	3.464591e-306	4.542234e-115	8.955744e-93
[20,]	9.661425e-133	2.813240e+03	3.770428e+03
[21,]	4.322714e-155	2.096929e-03	4.746834e-05
[22,]	1.314196e-135	1.169493e-13	7.562914e-12
[23,]	4.940656e-324	6.215711e-113	2.048397e-122
	F254_151223_014_D01	F254_170828_007_A01	F254_161017_021_H01
[1,]	5.292568e-97	5.162861e-75	1.290069e-41
[2,]	1.670338e-68	1.864157e-22	6.461748e-30
[3,]	9.022722e-154	1.064774e-151	1.089509e-135
[4,]	2.938310e-83	7.945858e-48	7.138017e-65
[5,]	1.685201e-57	1.706514e-72	6.449297e-29
[6,]	9.268714e-79	1.842697e-40	4.656033e-48
[7,]	3.101344e-57	2.463964e-27	7.612209e-50
[8,]	7.313967e-70	1.555310e-41	8.415481e-47
[9,]	1.898012e-70	2.747093e-45	1.772434e-54
[10,]	6.658361e-66	3.781303e-36	3.496135e-55
[11,]	2.974898e-32	8.447837e+02	5.464552e-03
[12,]	9.502168e-171	1.421194e-128	1.206344e-129
[13,]	4.086314e-45	1.214088e-49	1.817118e-28
[14,]	3.00775e-68	1.148288e-39	2.055216e-60
[15,]	5.216735e-118	1.508451e-76	2.228951e-61
[16,]	8.620513e-117	3.601041e-92	1.394916e-65
[17,]	5.947193e-42	3.358799e-13	2.813803e-19
[18,]	2.788322e+03	2.052738e+03	2.587189e+03
[19,]	6.080367e-123	7.011397e-125	7.623174e-128
[20,]	3.352529e+03	5.879277e+02	1.563493e-36
[21,]	4.150321e-35	8.118099e-36	8.923138e-41
[22,]	2.549551e-16	4.366797e-07	3.655956e+03
[23,]	1.260363e-157	1.816982e-141	1.085527e-114
	F254_160121_003_F01	F254_160419_008_F01	F254_170807_009_G01
[1,]	1.340537e-39	6.856084e-95	2.254876e-131
[2,]	5.172684e-40	6.554408e-64	6.280093e-80
[3,]	3.062008e-135	3.863195e-145	9.711345e-179
[4,]	1.878586e-55	6.840824e-52	4.533269e-10
[5,]	1.128749e-13	1.818113e-51	1.626889e-28
[6,]	2.255056e-57	1.987224e-49	3.653998e-38
[7,]	6.268966e-70	1.346334e-60	2.363113e-33
[8,]	2.807217e-55	2.497114e-48	5.419427e-39
[9,]	1.274090e-59	1.333857e-48	4.147131e-35
[10,]	1.758840e-70	2.378785e-59	1.965821e-51
[11,]	6.662508e-18	4.305737e-12	1.000422e-11
[12,]	8.807026e-105	7.752076e-138	8.460807e-139
[13,]	5.238360e-29	4.410521e-16	3.947966e-52
[14,]	3.539039e-44	7.562108e-44	1.252099e-59
[15,]	4.718622e-86	1.399076e-82	2.355615e-115
[16,]	5.315367e-46	1.156121e-71	9.789349e-115
[17,]	1.763834e-38	1.522868e-34	2.436875e-28
[18,]	2.148233e+03	2.155862e+02	1.778139e+03
[19,]	2.214758e-121	5.126372e-117	1.194489e-129
[20,]	3.327979e-11	4.414469e+03	8.201439e-13
[21,]	9.712817e-48	8.748242e-14	6.917109e-54
[22,]	2.405847e+03	3.288723e+03	1.353317e+03
[23,]	9.925063e-134	2.215832e-141	4.007102e-165
	F254_160330_021_B01	F254_170320_006_H01	F254_160901_015_F01
[1,]	6.016393e-93	6.054658e-210	1.151050e-158
[2,]	1.242517e-63	1.175450e-184	4.627368e-119
[3,]	3.534981e-152	1.176065e-152	9.665920e-121
[4,]	3.376366e-26	6.189931e-288	1.821451e-282
[5,]	3.571935e-20	1.069610e-284	7.890785e-285
[6,]	5.638842e-23	9.406673e-266	1.618264e-252
[7,]	9.839978e-24	2.111980e-249	2.762808e-247
[8,]	2.604272e-24	4.162510e-271	5.018653e-248
[9,]	1.885205e-29	1.842823e-287	1.419551e-272
[10,]	5.470809e-37	5.938626e-268	1.186556e-253
[11,]	1.972631e+03	9.146513e-269	5.231971e-219
[12,]	1.343161e-158	7.089678e-168	4.259695e-169
[13,]	5.244543e-25	7.952966e-241	8.458441e-191
[14,]	2.198752e-44	6.046704e-254	2.675805e-239
[15,]	1.387334e-76	6.77421e-201	3.253349e-203
[16,]	7.541824e-100	6.281836e-97	9.850412e-71
[17,]	5.352164e+02	1.834095e-239	2.523904e-250
[18,]	3.193748e+03	3.365039e-205	1.512713e-215
[19,]	4.240263e-120	6.922088e+03	5.603543e+03
[20,]	6.983489e-01	2.110940e-282	3.215259e-250
[21,]	6.249803e-25	5.304136e-278	2.004826e-237
[22,]	2.170419e+03	2.066830e-255	4.417783e-234
[23,]	6.147191e-140	7.438489e-125	3.247676e-137
	F254_170320_001_E01	F254_160901_001_G01	F254_171129_007_B01
[1,]	3.088994e-186	8.946971e-221	9.433144e-103
[2,]	6.680109e-154	3.298684e-128	9.971823e+00
[3,]	2.220595e-136	2.531445e-130	9.945478e-80
[4,]	1.085282e-271	3.490026e-249	7.124748e-188
[5,]	1.371917e-307	1.424805e-274	2.229984e-229
[6,]	3.199340e-246	6.164061e-227	4.527368e-175
[7,]	7.714792e-244	4.167857e-205	6.006053e-162
[8,]	1.708793e-253	2.537553e-233	4.882548e-185
[9,]	8.055383e-261	3.312308e-245	1.919790e-185
[10,]	2.200440e-238	2.423041e-223	6.715814e-179
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[14,]	1.395694e-289	5.056091e-190	7.494777e-312
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[16,]	7.472730e-176	2.348663e-43	1.266014e-85
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[21,]	1.258196e-281	7.149403e-201	4.940656e-324
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[4,]	6.776515e-147	4.940656e-324	3.353613e-194
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[7,]	3.355090e-137	2.445716e-285	2.014772e-159
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[9,]	2.584555e-163	6.014196e-316	2.060452e-190
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[17,]	1.146307e-127	1.356953e-262	7.781035e-147
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[22,]	2.024085e-162	6.391023e-279	2.456303e-171
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[3,]	1.261171e-171	5.739870e-19	8.357176e-172
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[6,]	3.766569e-281	1.383795e-202	3.607402e-294
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[9,]	3.100817e-294	6.325867e-219	4.393131e-305
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[5,]	2.742161e-241	4.940656e-324	9.160559e-294
[6,]	5.154213e-170	4.940656e-324	5.001815e-279
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[9,]	1.000001e-171	1.976263e-323	2.698651e-300
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[3,]	2.150385e-126	4.616085e-110	1.340333e-229
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[7,]	6.265441e-261	5.317512e-186	3.236255e-234
[8,]	5.579994e-270	5.961858e-215	3.354326e-271
[9,]	4.714572e-290	6.236303e-226	1.407267e-278
[10,]	2.838372e-276	9.627426e-213	1.289300e-261
[11,]	2.783814e-250	1.339854e-182	4.168749e-241
[12,]	1.008756e-209	3.654682e-159	1.925385e-205
[13,]	4.583599e-227	3.145311e-178	4.941434e-237
[14,]	1.253227e-272	6.667173e-217	5.401640e-238
[15,]	8.520781e-241	1.838720e-167	1.320513e-205
[16,]	2.444781e-130	1.369347e-92	1.985755e-138
[17,]	8.768646e-250	2.665043e-207	5.092505e-234
[18,]	1.138120e-208	1.503541e-161	1.263102e-187
[19,]	6.649336e+03	5.677001e+03	6.451051e+03
[20,]	3.622496e-243	6.114544e-206	7.839026e-262
[21,]	1.143865e-261	2.889124e-216	3.052083e-257
[22,]	4.218790e-262	1.683950e-196	2.076778e-256
[23,]	5.228966e-98	1.632346e-69	5.720886e-161
F254_170320_004_B01	F254_171129_004_H01	F254_160901_011_E01	
[1,]	1.194548e-255	1.476593e-212	2.637167e-115
[2,]	7.768329e-222	8.804129e-133	7.348646e-79
[3,]	1.812241e-139	8.296784e-131	8.783747e-48
[4,]	1.306930e-316	4.422183e-239	4.168365e-191
[5,]	4.940656e-324	7.564731e-254	9.417793e-233
[6,]	2.267604e-304	1.766621e-232	4.125174e-180
[7,]	1.947340e-298	9.691895e-228	1.986479e-170
[8,]	6.862572e-321	6.743337e-249	3.124774e-161
[9,]	1.491787e-318	3.284421e-245	1.596827e-180

[10,]	1.317020e-307	9.211327e-260	3.236148e-176
[11,]	7.479260e-303	1.052633e-221	1.022295e-162
[12,]	1.859684e-184	2.579672e-163	4.940149e-143
[13,]	8.952622e-278	1.251338e-205	9.488142e-162
[14,]	3.119928e-294	1.214286e-257	2.120617e-158
[15,]	2.714406e-250	2.595350e-197	2.774846e-151
[16,]	5.901425e-91	1.508790e-65	1.349160e-61
[17,]	4.270554e-295	3.515841e-201	1.470753e-156
[18,]	1.307189e-261	3.798328e-169	1.062132e-146
[19,]	4.440760e+03	2.484447e+03	1.707243e+03
[20,]	8.256497e-303	3.661535e-235	1.471045e-145
[21,]	4.242372e-312	8.000297e-241	9.269228e-158
[22,]	1.666107e-293	1.534039e-213	6.415922e-168
[23,]	1.517840e-158	2.061889e-135	2.638481e-34
	F254_171129_007_G01	F254_170803_013_E01	F254_170320_007_H01
[1,]	3.678448e-111	6.014035e-249	6.502515e-302
[2,]	4.593736e+01	5.347847e-118	2.027279e-159
[3,]	3.140720e-41	1.671115e-66	4.986256e-189
[4,]	2.074079e-184	9.513827e-227	2.563469e-311
[5,]	7.351035e-159	2.024800e-255	3.112712e-291
[6,]	1.071644e-163	3.814448e-191	3.776913e-283
[7,]	8.230146e-133	3.914964e-188	1.733871e-271
[8,]	1.042934e-171	6.271461e-220	2.859401e-288
[9,]	8.269802e-187	6.548633e-218	1.630748e-297
[10,]	2.684487e-187	1.479760e-210	2.465991e-291
[11,]	5.066530e-168	2.104485e-213	2.427139e-272
[12,]	1.362585e-43	1.783256e-100	5.014564e-204
[13,]	4.081443e-139	1.244478e-212	1.615874e-265
[14,]	1.429857e-176	6.549828e-224	1.075595e-258
[15,]	7.450969e-114	8.839832e-154	2.724639e-222
[16,]	9.307307e+01	6.450357e+02	3.128916e-166
[17,]	9.618268e-129	3.167413e-204	1.241141e-258
[18,]	8.387115e-97	3.253452e-136	5.456806e-200
[19,]	1.807099e+03	2.267611e+03	5.000137e+03
[20,]	1.304315e-169	3.688124e-202	4.161683e-273
[21,]	3.595710e-175	9.348506e-207	3.540407e-284
[22,]	4.014617e-158	1.035186e-211	1.280964e-267
[23,]	1.701184e-37	4.945000e-23	2.773431e-153
	F254_160901_010_H01	F254_160901_014_C01	F254_170320_008_H01
[1,]	1.124933e-298	1.950767e-194	3.967460e-270
[2,]	8.028073e-163	8.732543e-180	1.485717e-223
[3,]	3.710895e-190	2.522164e-129	6.135303e-157
[4,]	4.940656e-324	3.011009e-251	6.347905e-310
[5,]	4.940656e-324	7.722855e-252	4.940656e-324
[6,]	4.940656e-324	9.637715e-236	2.522249e-293
[7,]	1.208997e-292	1.753730e-238	1.262223e-271
[8,]	7.510160e-311	2.096278e-237	3.734487e-303
[9,]	3.957466e-321	3.635412e-251	5.882633e-303
[10,]	1.170429e-312	8.220792e-251	4.980716e-301
[11,]	1.855931e-297	5.500679e-218	1.181074e-302
[12,]	2.919622e-210	7.915227e-184	2.155010e-303
[13,]	6.412493e-274	3.912536e-183	9.576434e-301
[14,]	1.550707e-288	3.338633e-240	6.824212e-288
[15,]	3.753245e-226	1.206230e-197	1.343533e-262
[16,]	4.364056e-143	8.679264e-142	7.182436e-162
[17,]	2.760650e-297	1.194820e-229	2.695104e-276
[18,]	3.893390e-251	3.195858e-206	2.284580e-259
[19,]	5.172530e+03	4.412421e+03	7.656647e+03
[20,]	5.608106e-299	4.211021e-239	7.743118e-285
[21,]	6.889256e-318	3.717613e-235	1.691659e-290
[22,]	8.034486e-289	3.672334e-233	1.832184e-314
[23,]	3.125212e-217	5.441082e-164	9.610944e-163
	F254_160901_008_B01	F254_160901_006_H01	F254_160901_016_D01
[1,]	5.908223e-198	9.207563e-164	6.240591e-173
[2,]	9.828801e-174	1.026585e-175	5.745802e-167
[3,]	2.449030e-192	1.615298e-114	6.802281e-70
[4,]	1.136272e-274	5.303837e-256	8.903950e-278
[5,]	4.531634e-302	3.015720e-268	1.452949e-278
[6,]	7.594237e-273	9.953710e-231	1.714269e-261
[7,]	3.499745e-265	2.064687e-244	2.829590e-262
[8,]	8.764732e-271	4.608037e-242	7.539829e-261
[9,]	3.786586e-281	2.392122e-252	1.908285e-267
[10,]	7.014160e-282	7.851987e-245	1.934485e-259
[11,]	6.751272e-266	1.450577e-229	4.636992e-252
[12,]	1.535005e-210	1.691567e-156	5.501613e-128
[13,]	3.065547e-232	2.113386e-205	1.640420e-209
[14,]	6.392627e-256	2.690219e-242	5.491418e-265
[15,]	1.688843e-220	5.780916e-173	9.007477e-196
[16,]	8.522524e-105	1.014021e-97	8.808756e-82
[17,]	1.138111e-251	2.085072e-222	2.093045e-248
[18,]	1.935898e-222	1.178301e-208	7.963253e-225
[19,]	6.622930e+03	7.018611e+03	5.131244e+03
[20,]	1.244108e-292	1.662979e-244	2.443383e-262
[21,]	1.216626e-274	4.079969e-251	1.344101e-265
[22,]	3.386769e-266	6.690072e-232	1.809580e-251
[23,]	2.674439e-179	1.634395e-59	1.974711e-123
	F254_160901_013_G01	F254_160901_009_F01	F254_160901_016_E01
[1,]	1.739880e-239	1.715584e-219	1.712442e-137
[2,]	7.348467e-207	9.433284e-209	5.697266e-113
[3,]	4.893283e-128	5.292082e-186	5.756923e-68
[4,]	3.209302e-319	1.239373e-314	1.855928e-239
[5,]	3.271455e-314	4.940656e-324	4.699362e-274
[6,]	3.602694e-303	1.429941e-299	1.565759e-217
[7,]	3.293056e-296	1.959033e-293	1.598237e-207
[8,]	5.664114e-302	5.165954e-300	1.058897e-217
[9,]	7.865799e-305	1.921904e-316	1.163337e-223
[10,]	4.313530e-312	5.115872e-292	7.742862e-211
[11,]	6.008697e-289	3.625397e-286	2.870324e-181
[12,]	7.778115e-174	9.487770e-184	5.622385e-149
[13,]	5.790305e-273	3.708868e-267	4.766895e-154
[14,]	7.278857e-313	7.673466e-289	2.872086e-207
[15,]	3.995700e-243	1.390347e-205	2.704420e-165
[16,]	4.974597e-147	7.085531e-130	4.744025e-55
[17,]	1.350510e-286	2.260872e-280	8.275244e-188
[18,]	4.219536e-245	5.514458e-242	1.461650e-171
[19,]	8.505708e+03	6.995001e+03	4.093706e+03
[20,]	1.915138e-299	4.272136e-292	4.567943e-204
[21,]	1.495141e-315	1.763318e-291	1.620947e-192
[22,]	1.846071e-289	1.798150e-284	5.421290e-227
[23,]	3.837619e-116	1.764824e-167	1.637420e-59
	F254_160901_016_C01	F254_160901_009_F01	F254_170707_020_D01
[1,]	1.570446e-232	2.750830e-210	5.382382e-130
[2,]	1.352158e-203	3.601782e-148	4.927320e-41
[3,]	1.528137e-145	8.687934e-141	5.124860e-179
[4,]	5.362998e-289	3.250794e-245	4.779280e-88
[5,]	7.507840e-305	2.337666e-271	2.963012e-120
[6,]	2.385361e-270	2.397816e-233	2.218543e-51
[7,]	1.661991e-272	2.682338e-234	5.608957e-40
[8,]	1.511743e-269	7.179410e-235	4.986712e-73
[9,]	5.424960e-285	4.584224e-242	9.463230e-76
[10,]	3.148737e-282	3.414899e-246	6.562633e-51
[11,]	4.931881e-260	4.554506e-234	5.621145e-31
[12,]	1.441380e-250	9.970035e-210	4.548718e-163
[13,]	5.524474e-233	1.227291e-222	2.467948e-76
[14,]	3.586906e-247	3.950045e-242	1.274039e-61
[15,]	6.035133e-215	3.052532e-198	9.359532e-103
[16,]	2.690545e-74	9.275112e-126	2.581986e-105
[17,]	4.011013e-263	4.777151e-215	1.131286e-10
[18,]	6.775921e-235	1.433915e-207	2.023237e+03
[19,]	6.367832e+03	7.799064e+03	3.985979e-138

[20,]	9.964634e-264	4.780435e-238	4.231703e+03
[21,]	2.182545e-265	1.126200e-241	4.198495e-32
[22,]	2.094467e-264	1.399574e-250	5.193771e-42
[23,]	5.148676e-153	1.243566e-120	1.725731e-147
F154_160108_001_001	F254_160317_024_E01	F254_160304_018_D01	
[1,]	7.454638e-82	1.544252e-107	5.822242e-110
[2,]	1.393700e-45	2.902888e-50	6.282331e-30
[3,]	3.854463e-139	1.718574e-138	1.574682e-135
[4,]	1.287741e-62	8.764176e-16	1.977326e-61
[5,]	8.558836e-42	1.438742e-24	2.210571e-29
[6,]	3.938785e-40	5.725738e-18	2.101168e-48
[7,]	2.690321e-37	4.961163e-29	1.269711e-52
[8,]	9.374323e-48	2.496534e-13	2.213511e-52
[9,]	1.023095e-52	3.415913e-10	3.003437e-53
[10,]	9.324622e-44	5.137186e-24	1.009354e-63
[11,]	5.055025e-21	6.844771e+00	2.240828e-42
[12,]	7.769609e-123	7.264484e-151	7.231626e-124
[13,]	2.657666e-48	7.550078e-30	2.494544e-36
[14,]	1.956733e-47	5.081404e-25	5.307349e-62
[15,]	8.305719e-72	1.613394e-88	9.249277e-94
[16,]	4.059251e-80	3.027416e-81	2.311345e-74
[17,]	3.690902e-22	1.153061e-26	7.402453e-12
[18,]	1.476303e+03	6.786194e-65	7.394123e+02
[19,]	2.891755e-111	7.158831e-124	2.639780e-105
[20,]	6.025160e+03	8.306348e+03	4.083605e+03
[21,]	4.003050e-24	6.073787e-07	7.000176e-49
[22,]	1.685623e-16	1.314383e-18	1.597596e+03
[23,]	9.212620e-133	2.028291e-143	2.199183e-143
F154_180124_308_E01	F254_170707_027_E01	F154_180124_309_H01	
[1,]	7.884119e-121	1.866434e-80	3.757912e-104
[2,]	1.328895e-30	8.436880e-38	1.000884e-26
[3,]	1.666608e-157	2.606673e-148	2.192245e-157
[4,]	2.686819e-71	3.892403e-82	1.399261e-67
[5,]	1.507995e-122	3.600364e-95	4.777621e-124
[6,]	4.722782e-45	1.485590e-53	1.613279e-45
[7,]	2.507855e-37	1.835320e-59	9.706056e-38
[8,]	1.326341e-58	6.567679e-57	5.055625e-66
[9,]	3.119939e-63	4.788932e-57	3.169213e-69
[10,]	6.261752e-36	1.745066e-52	1.177726e-48
[11,]	2.684051e-50	3.754339e-48	7.958643e-35
[12,]	1.179215e-160	5.113928e-119	6.655283e-124
[13,]	1.431186e-67	2.873711e-41	1.321355e-47
[14,]	3.752036e-49	6.488539e-45	2.701591e-46
[15,]	2.476224e-94	2.778300e-89	9.242165e-88
[16,]	7.228235e-92	3.328698e-75	1.324001e-91
[17,]	2.121468e-36	5.690220e-52	6.687863e-10
[18,]	5.727272e-17	6.011962e-41	1.323716e+03
[19,]	5.182959e-133	1.299904e-120	1.334604e-119
[20,]	4.900555e+03	5.829290e+03	2.697099e+03
[21,]	1.799745e-29	1.484950e-31	1.148705e-20
[22,]	8.356615e-46	1.103976e-36	5.905750e-53
[23,]	2.273606e-143	2.394880e-118	3.575128e-126
F254_160504_010_E01	F254_160419_008_C01	F254_160127_005_G01	
[1,]	7.736144e-112	9.852801e-110	5.071041e-83
[2,]	1.045561e-56	9.820990e-62	2.111090e-24
[3,]	1.182390e-140	5.715468e-152	1.616810e-113
[4,]	1.408688e-25	3.114702e-74	2.585586e-27
[5,]	6.471031e-49	3.697874e-67	3.513605e+02
[6,]	2.083054e-34	4.330724e-52	9.399753e-21
[7,]	4.883588e-44	7.070944e-54	5.359117e-17
[8,]	1.135014e-35	2.484446e-55	2.552554e-16
[9,]	3.698823e-25	2.524951e-61	2.496106e-27
[10,]	2.982015e-42	1.725707e-49	4.035617e-28
[11,]	5.164042e+02	5.601494e-48	6.864807e+01
[12,]	4.233972e-141	1.721485e-167	1.543213e-116
[13,]	3.941075e-44	1.764831e-61	3.255129e-22
[14,]	1.926353e-41	1.259499e-50	8.782234e-12
[15,]	9.154988e-93	1.104008e-84	2.230760e-66
[16,]	1.374087e-87	1.556124e-89	1.843975e-75
[17,]	4.364379e-55	1.654273e-37	1.031086e-21
[18,]	1.229831e-63	1.609544e-46	5.591535e-25
[19,]	1.012786e-143	1.242722e-121	2.587252e-101
[20,]	8.956854e+03	7.332313e+03	6.167477e+03
[21,]	2.592176e-24	6.313456e-35	2.212378e-20
[22,]	6.212225e-19	3.121073e-37	2.920692e+00
[23,]	1.096578e-144	1.284757e-148	2.009817e-126
F254_160413_011_D01	F254_160502_012_E01	F254_160121_013_F01	
[1,]	6.648850e-93	1.758767e-80	4.492837e-84
[2,]	6.650522e-42	2.063806e-45	1.298785e-62
[3,]	4.195590e-148	2.742283e-138	8.143571e-132
[4,]	3.012169e-61	1.248502e-84	4.938755e-52
[5,]	4.899337e-65	3.479315e-71	6.956807e-35
[6,]	2.441980e-42	6.302313e-66	6.763558e-43
[7,]	1.757642e-36	1.062484e-70	9.548699e-49
[8,]	2.289016e-45	1.283424e-75	1.309720e-46
[9,]	1.450913e-51	1.784303e-72	2.804865e-46
[10,]	2.430772e-42	2.703050e-73	2.830180e-58
[11,]	3.174837e+02	3.641735e-54	8.947048e-16
[12,]	1.154778e-145	1.393605e-116	2.076344e-130
[13,]	3.716433e-28	3.610456e-33	8.824665e-45
[14,]	5.067041e-47	2.175316e-57	4.369188e-52
[15,]	1.714468e-86	3.328758e-70	2.336285e-89
[16,]	2.944417e-79	2.362212e-59	9.213326e-87
[17,]	5.298690e-32	1.144587e-59	9.760155e-14
[18,]	1.827500e+03	1.427917e-40	6.020082e-07
[19,]	3.764371e-116	6.968987e-120	1.742330e-117
[20,]	5.887706e+03	7.512147e+03	6.765654e+03
[21,]	5.152475e-33	1.960854e-49	4.616483e-31
[22,]	7.915572e-30	4.681796e-36	1.852707e-05
[23,]	1.046568e-132	4.813826e-120	2.938080e-141
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[3,]	2.358823e-152	9.403937e-159	3.420228e-130
[4,]	2.991297e-78	7.844321e-72	1.277588e-31
[5,]	8.466969e-88	6.925292e-99	1.421966e-25
[6,]	8.591868e-68	1.698662e-41	1.806774e-35
[7,]	2.346181e-65	2.418453e-19	1.937662e-51
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[9,]	1.832856e-71	8.029778e-60	2.057432e-37
[10,]	8.244091e-68	1.803567e-39	7.628248e-52
[11,]	1.546040e-46	7.473309e-29	7.260368e-13
[12,]	2.275870e-159	2.077062e-137	2.791007e-119
[13,]	2.175820e-57	2.657998e-39	6.127072e-13
[14,]	4.870841e-67	2.951100e-30	3.823539e-27
[15,]	1.267246e-101	2.402881e-82	1.062166e-67
[16,]	3.156080e-98	7.289228e-88	3.796353e-61
[17,]	1.229692e-58	3.514498e-02	3.069742e-35
[18,]	1.508431e-60	3.237848e+03	5.205073e-60
[19,]	3.883436e-128	7.490967e-109	1.081094e-113
[20,]	7.892139e+03	5.170411e+03	9.455237e+03
[21,]	1.441280e-37	3.114077e-26	2.595385e-26
[22,]	3.882393e-59	3.854220e-39	4.281078e-03
[23,]	8.438383e-154	2.712839e-138	8.309756e-128
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[3,]	5.120259e-153	4.778730e-134	2.081315e-141
[4,]	4.535977e-69	8.807002e-42	3.079519e-65
[5,]	1.141104e-54	2.136297e-50	2.877815e-85



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[8,] 1.041075e-55 1.275551e-34 1.680040e-37  
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[18,] 2.135621e+03 2.471359e-07 2.826458e-31  
[19,] 1.555980e-109 1.025332e-107 6.996669e-147  
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[16,]	6.843085e-84	3.763569e-112	4.253835e-82
[17,]	7.749788e-45	3.424958e-47	5.064826e-48
[18,]	5.631963e-27	1.636005e-61	6.288760e-46
[19,]	1.094156e-111	1.113894e-149	1.309128e-129
[20,]	7.714710e+03	6.629659e+03	8.090618e+03
[21,]	2.866414e-50	9.849790e-23	1.391548e-43
[22,]	4.733583e-21	1.028143e-58	2.794220e-41
[23,]	1.074082e-138	5.167800e-159	2.311457e-134
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[2,]	1.918221e-37	5.182192e-32	4.731595e-43
[3,]	1.312034e-146	9.497510e-149	5.941156e-167
[4,]	2.100942e-76	2.820833e-62	1.011185e-86
[5,]	6.601277e-96	8.358578e-65	5.375672e-129
[6,]	1.838096e-46	1.149506e-39	4.792066e-71
[7,]	1.536196e-43	7.750089e-45	3.240296e-57
[8,]	1.305306e-60	1.232734e-56	3.751945e-84
[9,]	1.202860e-67	6.284995e-51	1.376120e-90
[10,]	9.554726e-53	6.444704e-48	2.419669e-67
[11,]	1.634328e-17	2.923494e-34	5.628241e-59
[12,]	8.690076e-135	2.871897e-133	6.450279e-156
[13,]	1.178495e-57	1.001970e-48	5.004162e-80
[14,]	7.279292e-51	2.246627e-48	3.202762e-71
[15,]	2.696684e-96	3.096361e-67	2.876609e-115
[16,]	8.980247e-81	3.822203e-76	2.870496e-96
[17,]	1.054255e-10	3.516056e-18	1.149717e-46
[18,]	1.099243e+03	8.703754e+02	1.502617e+03
[19,]	8.296013e-110	4.901608e-119	7.100801e-125
[20,]	6.654074e+03	6.067291e+03	5.544699e+03
[21,]	1.768051e-26	2.404159e-34	3.602177e-56
[22,]	3.925933e-37	1.965161e-05	2.211114e-23
[23,]	1.860959e-120	2.463071e-145	1.052411e-141
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[3,]	7.761066e-140	1.693617e-127	1.520852e-130
[4,]	1.685392e-63	3.858947e-29	1.823643e-54
[5,]	6.548106e-58	5.104088e-49	3.267503e-36
[6,]	7.381624e-51	1.899226e-26	2.618154e-54
[7,]	2.579758e-42	7.841036e-35	3.627944e-61
[8,]	3.919424e-53	3.285415e-33	2.704688e-54
[9,]	2.311432e-55	3.139774e-31	8.498033e-55
[10,]	1.796743e-44	3.432738e-39	1.160665e-63
[11,]	6.081233e-17	8.595022e+02	5.647759e-26
[12,]	1.873005e-132	4.345937e-128	5.370862e-142
[13,]	2.279039e-35	2.050005e-20	2.608373e-29
[14,]	1.921860e-46	2.941881e-23	5.511062e-54
[15,]	8.612976e-77	6.037143e-67	6.173682e-93
[16,]	5.743647e-75	5.293152e-68	1.123446e-85
[17,]	1.340981e-23	5.758965e-24	1.096102e-56
[18,]	1.480735e+03	2.529157e-12	1.993992e-06
[19,]	2.362908e-113	3.680358e-109	9.762864e-126
[20,]	5.432621e+03	7.384208e+03	6.866228e+03
[21,]	1.191555e-36	2.330412e-28	2.425720e-50
[22,]	3.903660e-19	3.672043e-17	5.998379e+02
[23,]	1.702463e-139	7.337858e-114	3.005133e-141
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[3,]	1.124614e-113	5.546159e-178	2.093376e-132
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[5,]	2.448858e-26	5.314672e-86	6.755131e-10
[6,]	1.860866e-30	7.850751e-67	9.204561e-45
[7,]	2.573282e-34	1.186009e-45	1.399856e-33
[8,]	6.167295e-28	2.061153e-70	2.042120e-40
[9,]	4.060211e-41	1.062492e-73	2.761060e-44
[10,]	6.482383e-26	1.633765e-62	6.790971e-47
[11,]	9.669836e-02	4.403170e-36	7.248925e-05
[12,]	3.271298e-108	4.020535e-147	2.906295e-120
[13,]	1.596143e-34	1.391484e-48	2.501795e-20
[14,]	4.512694e-20	1.094414e-62	4.238332e-35
[15,]	3.128531e-80	5.300667e-103	2.310206e-90
[16,]	3.076212e-68	2.530938e-89	5.605937e-76
[17,]	1.495151e-27	9.362080e-28	5.175338e-23
[18,]	3.793272e-26	9.419300e+02	2.555069e+02
[19,]	5.217817e-102	1.161116e-124	1.730089e-105
[20,]	3.982397e+03	6.023680e+03	6.255816e+03
[21,]	1.171415e-20	1.531629e-42	2.298877e-21
[22,]	1.069996e+03	6.655860e-18	9.515056e-14
[23,]	2.497209e-141	1.606682e-148	7.935283e-137
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[1,]	3.055786e-124	3.957833e-53	4.766207e-127
[2,]	7.134933e-71	1.495256e-02	1.629697e-39
[3,]	4.864485e-135	3.472939e-117	1.156021e-159
[4,]	1.773183e-43	2.791583e-35	2.556144e-85
[5,]	1.823521e-47	4.247437e+02	3.717386e-119
[6,]	1.374453e-55	5.641051e-25	5.763839e-51
[7,]	8.596503e-66	2.184688e-07	4.462289e-47
[8,]	9.419954e-50	8.238721e-17	2.609072e-65
[9,]	2.686896e-35	4.521404e-27	3.687421e-67
[10,]	7.505030e-66	1.962615e-14	2.769248e-39
[11,]	1.782623e-26	1.404375e+03	2.228338e-31
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[16,]	3.698879e-96	1.522149e-69	1.504783e-93
[17,]	3.920073e-75	4.968782e+00	3.669264e-29
[18,]	3.160761e-73	8.316134e+02	2.668196e+03
[19,]	1.643997e-143	1.581933e-94	9.218350e-124
[20,]	8.719905e+03	3.468206e+03	4.356279e+03
[21,]	4.615739e-47	2.833074e-02	1.040551e-35
[22,]	3.534262e-26	8.264198e+00	1.781203e-25
[23,]	1.742749e-150	2.574396e-128	3.762384e-152
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[2,]	5.848184e-43	5.097233e-31	2.211575e-44
[3,]	4.663777e-190	1.649941e-124	3.386416e-137
[4,]	2.224031e-96	2.949336e-58	5.772350e-73
[5,]	3.718863e-146	9.150792e-38	1.850822e-84
[6,]	5.243749e-50	6.079825e-44	7.714463e-41
[7,]	8.382039e-33	2.616475e-42	1.487793e-36
[8,]	2.607120e-75	1.383135e-42	4.386947e-61
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[10,]	5.925674e-43	1.381433e-50	1.139900e-40
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[12,]	5.264911e-156	8.529382e-127	1.266196e-138
[13,]	3.446911e-98	2.384825e-39	3.776423e-46
[14,]	1.820059e-61	2.910724e-35	1.761829e-49
[15,]	4.091022e-102	3.070269e-85	1.473879e-88
[16,]	1.815391e-112	2.919729e-62	1.204786e-80
[17,]	7.114843e+00	2.005292e-38	9.642526e-10
[18,]	1.613843e+03	1.149182e+03	1.795554e+03
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[21,]	9.724303e-32	2.449651e-37	1.261581e-26
[22,]	3.265459e-49	5.872044e-15	6.109991e+02
[23,]	3.029804e-164	4.079956e-122	7.305503e-123
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[23,] 1.157825e-129 5.229126e-134 2.217554e-131

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[11,] 2.394374e-43 3.665207e-23 1.234673e-44  
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[20,] 2.715130e+03 7.456597e+03 3.832997e+03  
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[7,] 2.776496e-46 1.651595e-04 2.812172e-62  
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[9,] 2.764205e-70 7.002096e-18 2.447483e-57  
[10,] 4.381931e-50 7.086172e-15 1.023293e-53  
[11,] 2.596701e-26 4.800192e+02 3.115406e-46  
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[13,] 1.345405e-37 6.024047e-47 1.277305e-58  
[14,] 2.626661e-35 1.252107e-39 3.025682e-52  
[15,] 7.200736e-66 1.057473e-95 4.275685e-103  
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[18,] 5.801006e-17 6.438827e+02 2.667136e-50  
[19,] 8.604867e-77 2.904592e-103 6.650602e-125  
[20,] 5.118740e+03 3.015422e+02 3.816281e+03  
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[9,] 1.713174e-07 3.192892e-58 3.886343e-51  
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[13,]	5.592039e-07	1.874037e-25	2.762756e+02
[14,]	1.169910e-24	7.382802e-53	5.672624e-32
[15,]	2.176123e-88	5.672991e-43	5.387275e-50
[16,]	3.146275e-51	2.058798e-57	1.340802e-70
[17,]	1.973309e-40	4.473068e-43	1.121262e-49
[18,]	3.155479e-37	3.292081e-25	3.192091e-36
[19,]	2.055968e-101	1.880193e-106	6.545288e-103
[20,]	7.604233e+03	7.148475e+03	9.793836e+03
[21,]	3.888655e-19	7.858769e-44	2.047407e-50
[22,]	2.308695e-07	3.117222e-15	3.986259e-20
[23,]	1.513356e-113	9.321022e-111	1.510395e-118
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[3,]	1.641899e-129	1.359213e-164	1.266155e-142
[4,]	3.220087e-80	2.543155e-88	3.306591e-75
[5,]	1.117852e-80	1.376331e-131	2.194992e-114
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[7,]	6.856594e-76	1.031814e-29	6.866561e-35
[8,]	4.448448e-68	2.580685e-69	7.112906e-64
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[10,]	4.791962e-66	2.284312e-38	7.836376e-51
[11,]	8.824288e-54	1.700599e-30	1.753228e-25
[12,]	2.615021e-139	1.225501e-153	2.169268e-129
[13,]	2.869342e-54	5.775806e-67	1.807859e-62
[14,]	4.832421e-62	7.728485e-51	5.694244e-38
[15,]	9.767783e-97	7.548490e-95	3.381633e-93
[16,]	1.673480e-92	5.878405e-99	1.590251e-79
[17,]	1.382437e-50	2.597245e+00	8.274496e+02
[18,]	1.694725e-77	1.559423e+03	2.055598e+03
[19,]	4.660058e-129	1.090013e-114	1.456376e-98
[20,]	8.707239e+03	2.095563e+03	4.520699e+03
[21,]	2.947166e-39	5.277393e-13	4.066293e-20
[22,]	6.924040e-49	3.495494e-51	2.471059e-45
[23,]	4.026523e-126	7.962485e-142	8.312405e-127
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[2,]	2.519436e-69	3.519806e-59	4.381501e-44
[3,]	8.204129e-144	5.673155e-155	4.128603e-140
[4,]	5.220039e-49	2.426022e-54	1.843127e-45
[5,]	3.393483e-48	9.159321e-80	5.935988e-11
[6,]	1.108884e-40	3.301189e-46	7.728271e-32
[7,]	1.380129e-35	3.492689e-57	1.572110e-37
[8,]	3.070960e-29	1.324131e-43	6.883527e-36
[9,]	1.306122e-36	2.896471e-42	1.215219e-44
[10,]	2.552590e-43	2.666293e-45	2.626776e-42
[11,]	1.835243e-20	1.155416e-19	2.079418e-23
[12,]	1.338790e-160	2.193238e-159	3.108252e-149
[13,]	8.061996e-31	8.454925e-46	9.839778e-20
[14,]	2.854430e-27	5.091056e-49	2.618787e-26
[15,]	7.631370e-94	6.064042e-108	9.949670e-85
[16,]	2.655340e-102	1.371365e-94	3.808507e-84
[17,]	8.921637e+02	2.275086e-40	7.654471e-20
[18,]	4.693588e-45	5.683495e-42	5.723518e-24
[19,]	6.012348e-130	5.183114e-143	7.688143e-113
[20,]	1.596818e-22	9.940440e-18	6.546664e-35
[21,]	6.478846e+03	8.253030e+03	7.537135e+03
[22,]	1.731974e-29	8.965549e-31	2.030759e-12
[23,]	2.419159e-135	7.481504e-161	3.232783e-128
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[2,]	4.154640e-31	1.771768e-23	9.262271e-18
[3,]	9.269529e-118	1.449333e-136	4.934603e-145
[4,]	1.606791e-42	1.569323e-55	1.978657e-62
[5,]	6.540044e-42	2.892861e-11	3.444055e-48
[6,]	8.799242e-35	5.103640e-38	3.429179e-46
[7,]	1.439390e-40	1.774705e-46	4.550861e-40
[8,]	1.938567e-36	1.290799e-45	2.374421e-50
[9,]	6.708010e-45	8.487611e-48	1.364258e-61
[10,]	7.389741e-32	3.500477e-50	7.153384e-54
[11,]	7.103810e-08	5.015940e-36	3.418020e-38
[12,]	9.975521e-122	2.961059e-111	1.784194e-147
[13,]	7.272812e-22	2.464863e-20	2.328422e-41
[14,]	2.479132e-24	3.614529e-40	6.524348e-48
[15,]	2.963190e-66	2.221196e-70	2.932200e-77
[16,]	5.665600e-64	3.535209e-42	2.840448e-55
[17,]	7.036521e+02	4.478044e-38	2.624336e-29
[18,]	1.528741e-12	4.772682e-33	7.050446e-28
[19,]	1.455355e-78	1.147489e-102	3.005697e-123
[20,]	2.503568e-27	1.219212e-54	1.903789e-38
[21,]	5.273291e+03	5.722723e+03	8.760967e+03
[22,]	1.692250e-18	9.583980e-16	1.148245e-32
[23,]	1.688108e-113	1.438273e-127	1.585987e-126
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[3,]	1.948369e-137	5.620844e-144	5.005465e-135
[4,]	2.250171e-38	6.262217e-38	2.996614e-56
[5,]	2.623097e-32	1.941223e-76	1.044588e-83
[6,]	8.910177e-15	1.443541e-45	2.856919e-34
[7,]	2.651621e+01	2.016773e-50	3.491576e-46
[8,]	9.067631e-22	2.109942e-41	8.306934e-54
[9,]	1.814951e-29	2.126740e-34	2.887569e-46
[10,]	2.975959e-24	7.441746e-39	3.400408e-31
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[12,]	9.204702e-112	3.031531e-146	6.938209e-146
[13,]	1.045231e-34	4.782883e-61	3.543531e-62
[14,]	3.946294e-07	6.145455e-62	1.543066e-20
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[16,]	1.124836e-57	3.520748e-90	1.324009e-94
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[21,] 3.665613e+03 2.598558e+03 5.037978e+03  
[22,] 5.667616e-36 4.860774e-23 3.511780e-48  
[23,] 5.181933e-146 1.319910e-140 5.665443e-169

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[3,] 3.39445e-171 2.413367e-147 8.035260e-133  
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[5,] 3.001568e-103 7.039477e-59 2.348885e+02  
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[8,] 5.113898e-62 7.168160e-31 1.357127e-24  
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[15,] 5.268758e-108 6.550357e-71 1.196983e-58  
[16,] 9.310340e-96 3.195421e-60 1.271436e-64  
[17,] 1.867930e+03 1.007578e-29 7.863949e+02

[18,]	1.739239e-18	6.268935e+02	8.830801e+02
[19,]	8.041623e-127	1.657515e-115	6.091137e-115
[20,]	5.057770e-44	5.596813e-42	7.189219e-26
[21,]	7.942872e+03	2.554829e+03	5.083547e+03
[22,]	2.263515e-47	7.303753e-02	4.377676e-03
[23,]	4.720497e-158	3.501359e-158	1.088181e-149
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[2,]	1.908112e-13	5.175742e-33	1.225957e-76
[3,]	7.862027e-153	3.011332e-143	4.351822e-149
[4,]	2.545499e-46	3.033375e-39	7.360351e-63
[5,]	7.296949e-47	4.493401e-16	7.797004e-71
[6,]	1.397255e-25	4.848791e-39	1.043292e-46
[7,]	2.259375e-13	2.325384e-28	7.020138e-52
[8,]	2.585749e-37	5.321234e-38	1.951144e-58
[9,]	9.071538e-47	2.178081e-38	8.507025e-51
[10,]	3.261345e-33	8.261912e-52	5.208002e-49
[11,]	5.783412e-33	6.943667e-26	2.375923e-25
[12,]	1.265992e-125	1.628944e-114	1.422878e-161
[13,]	5.186789e-34	7.056064e-29	7.503060e-71
[14,]	4.367752e-16	3.159563e-29	3.987284e-60
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[17,]	8.446324e+02	2.324449e+03	2.241264e+03
[18,]	4.553746e+02	1.947717e-11	4.238857e-53
[19,]	1.589916e-80	3.063796e-114	5.353219e-125
[20,]	2.259125e-27	2.636588e-37	4.060482e-31
[21,]	2.863626e+03	6.302539e+03	7.462305e+03
[22,]	2.066636e-32	8.117327e-08	3.577022e-36
[23,]	7.670851e-154	3.228486e-144	1.076647e-144
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[2,]	2.171497e-33	4.363839e-53	4.562068e-72
[3,]	8.521410e-152	2.070208e-138	1.544607e-161
[4,]	3.082545e-77	1.028241e-52	2.257931e-58
[5,]	1.813765e-93	4.832714e-49	5.235764e-91
[6,]	1.095605e-51	1.299710e-45	1.194972e-40
[7,]	8.266896e-56	3.782337e-48	8.135648e-41
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[9,]	3.096381e-71	1.506422e-43	1.942784e-58
[10,]	2.661526e-53	1.802966e-41	3.352959e-53
[11,]	1.407859e-50	2.236535e-39	1.239106e-28
[12,]	1.617893e-147	8.968113e-145	2.165911e-164
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[14,]	1.163058e-62	2.829640e-40	1.140336e-39
[15,]	1.305780e-120	4.721408e-103	1.391303e-113
[16,]	1.922406e-74	3.334891e-91	1.168630e-110
[17,]	4.935692e-54	7.563827e-26	5.854863e+03
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[19,]	1.815290e-142	1.074908e-113	5.053677e-142
[20,]	6.697972e-46	3.154040e-40	9.713121e-31
[21,]	7.768489e+03	1.011713e+04	4.931472e+03
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[3,]	2.145454e-138	8.338202e-101	2.856222e-104
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[5,]	1.336318e-52	5.915600e+02	2.500725e+02
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[7,]	8.211513e-42	1.062167e-29	5.418112e-41
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[10,]	2.699083e-43	3.211554e-21	1.740458e-48
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[16,]	8.211273e-86	2.329626e-18	6.104081e-52
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[20,]	1.245351e-18	4.513347e-25	2.600486e-40
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[22,]	2.583107e-34	1.428731e+03	1.897229e+03
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[9,]	1.599492e-15	1.178434e-21	5.563369e-09
[10,]	1.089750e-30	1.898663e-15	3.836629e-06
[11,]	7.373828e+00	2.256351e-06	5.378408e-12
[12,]	1.579522e-100	5.786420e-125	3.064710e-91
[13,]	1.205601e-13	6.971361e-31	8.616591e-07
[14,]	8.936839e-25	1.803232e-09	1.924378e-17
[15,]	9.008539e-60	2.046891e-75	2.803926e-43
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[17,]	9.316502e+02	2.229458e+03	6.271604e-10
[18,]	6.455637e-27	5.942909e-04	3.208937e+02
[19,]	4.932986e-102	1.958823e-118	5.244498e-79
[20,]	1.250292e-14	4.498857e-16	2.721026e-08
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[3,]	1.358045e-149	6.243240e-157	5.777712e-172
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[5,]	4.717165e-48	5.488916e-71	1.376929e-110
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[7,]	8.561000e-20	6.305793e-37	3.971851e-43
[8,]	3.490804e-44	3.066536e-48	2.100921e-55
[9,]	1.093953e-43	1.235165e-60	6.167638e-55
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[14,]	1.025788e-37	4.200109e-42	7.487835e-51
[15,]	2.182671e-73	4.070295e-72	5.699802e-123
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[17,]	1.582861e+03	2.349730e+03	7.459654e+02
[18,]	4.222327e-04	3.236587e-05	6.549444e-43
[19,]	8.180695e-114	2.383340e-115	8.528021e-147
[20,]	2.166315e-11	1.575227e-36	3.611517e-33
[21,]	6.476953e+03	2.441020e+03	2.833068e+03
[22,]	2.982505e+02	4.356709e-25	3.379046e-49
[23,]	3.111782e-120	3.878372e-151	2.042075e-159
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[18,] 3.186400e-32 4.319719e-23 6.650215e+02  
[19,] 5.332115e-134 1.818683e-127 8.547415e-88  
[20,] 1.197117e+03 1.910991e+03 1.683630e+02  
[21,] 5.494292e-04 4.447468e-10 2.813661e-23  
[22,] 4.983412e+03 7.202860e+03 2.158581e+03  
[23,] 5.657906e-138 2.077891e-132 2.666278e-117

F254\_160404\_018\_E01 F254\_160119\_004\_D01 F254\_151223\_006\_F01  
[1,] 1.233488e-132 4.558722e-41 2.393104e-83  
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[3,] 1.142185e-133 6.576927e-142 2.588145e-150  
[4,] 1.925623e-30 1.218261e-33 9.376802e-78  
[5,] 4.126116e-46 1.673140e-07 2.030780e-33  
[6,] 3.928985e-22 3.873927e-41 6.440245e-78  
[7,] 2.257272e-31 5.308213e-41 9.461156e-77  
[8,] 1.569163e-36 3.308102e-39 3.846328e-75  
[9,] 1.497624e-43 1.278888e-39 9.014724e-81  
[10,] 1.540764e-37 1.514701e-42 1.832989e-74  
[11,] 1.564325e+03 7.003620e-28 1.520821e-35  
[12,] 3.597488e-155 9.340888e-114 1.665927e-117  
[13,] 4.779767e-54 5.675607e-15 5.885278e-47



[14,]	4.133392e-28	1.701987e-15	2.119926e-60
[15,]	5.889298e-105	7.707657e-64	2.180513e-99
[16,]	5.960020e-80	7.477887e-56	3.582882e-86
[17,]	4.253048e-32	3.985115e-23	3.736620e-72
[18,]	2.737807e-44	7.642648e-42	3.028544e-53
[19,]	1.135769e-110	2.143285e-108	2.371836e-117
[20,]	1.094275e-02	3.321372e-09	6.470667e-49
[21,]	1.217708e+03	1.508868e-22	4.858647e-34
[22,]	5.520283e+03	5.230624e+03	5.436435e+03
[23,]	4.167682e-136	6.962698e-137	2.851345e-129
F254_170519_001_G01	F254_160429_018_B01	F254_160330_005_G01	
[1,]	2.485451e-85	2.755539e-97	1.948949e-104
[2,]	7.799710e-13	2.519342e-27	4.552895e-45
[3,]	5.249265e-127	6.409852e-109	9.192424e-123
[4,]	2.429612e-57	1.090130e-27	3.574591e-43
[5,]	8.632941e-78	5.725616e-56	2.947027e-39
[6,]	1.712696e-25	3.265771e-06	2.390288e-31
[7,]	7.332507e-18	3.865045e-37	2.720924e-26
[8,]	7.457799e-45	5.181528e-16	5.897192e-38
[9,]	3.389962e-46	1.494305e-20	7.644997e-47
[10,]	7.405301e-32	1.367805e-12	9.363321e-43
[11,]	2.616979e-43	1.276781e+02	1.452293e-34
[12,]	9.606933e-123	1.393978e-123	1.962673e-131
[13,]	9.104061e-45	9.394953e-30	1.322772e-26
[14,]	9.461856e-31	1.938569e-17	1.016619e-30
[15,]	1.305229e-90	8.901648e-63	5.989622e-78
[16,]	4.489866e-72	1.296861e-66	3.136755e-82
[17,]	4.415472e+02	8.030274e-35	3.706969e+02
[18,]	9.519298e+02	7.016662e-42	2.081373e+02
[19,]	7.481264e-72	1.180294e-114	1.405513e-117
[20,]	1.836275e-03	2.032168e+03	3.883345e-11
[21,]	2.883865e-16	6.496320e-03	3.439922e-30
[22,]	4.464792e+03	6.257878e+03	6.411543e+03
[23,]	1.081130e-111	2.340787e-99	9.637271e-144
F254_160115_020_G01	F254_160304_017_B01	F254_161017_017_F01	
[1,]	1.168443e-72	5.887801e-48	4.620610e-122
[2,]	2.570739e-55	4.229715e-41	2.076030e-42
[3,]	2.210879e-155	9.867618e-130	4.423617e-167
[4,]	5.102950e-43	1.387747e-110	5.310052e-50
[5,]	1.118655e-07	8.252897e-07	1.164533e-90
[6,]	2.272580e-43	2.410843e-119	3.336861e-25
[7,]	9.607907e-41	8.769724e-124	7.801904e-18
[8,]	2.382992e-28	1.327303e-103	1.776155e-41
[9,]	1.556857e-39	2.003542e-105	2.188116e-53
[10,]	1.074573e-39	6.088504e-138	2.134743e-30
[11,]	5.954265e-36	7.202196e-88	4.921769e-17
[12,]	1.556945e-150	4.399281e-156	2.435708e-140
[13,]	1.272236e-30	1.208947e-42	9.608099e-71
[14,]	3.776515e-24	5.560087e-97	1.012072e-39
[15,]	3.835277e-104	2.223420e-84	7.196399e-90
[16,]	1.030364e-89	3.660746e-47	1.523061e-107
[17,]	3.933846e-45	2.863175e-98	1.077121e+03
[18,]	1.209123e-38	5.048855e-80	1.513642e+01
[19,]	2.035907e-109	4.611486e-114	3.644010e-108
[20,]	1.622633e-13	5.118050e-109	4.899814e-13
[21,]	1.182333e-23	8.028482e-118	2.844618e-11
[22,]	4.216979e+03	5.220813e+03	7.035180e+03
[23,]	2.424287e-152	1.575923e-156	1.943237e-146
F254_160414_005_F01	F254_161017_024_A01	F254_161017_022_D01	
[1,]	4.829765e-95	2.348321e-86	5.280930e-96
[2,]	3.534319e-35	1.170337e-40	4.825441e-28
[3,]	2.131689e-127	7.919007e-132	4.742864e-119
[4,]	4.682629e-55	4.400188e-29	4.776938e-17
[5,]	2.062558e-57	5.482135e-04	1.439518e-55
[6,]	3.320893e-25	4.349961e-37	3.244142e-08
[7,]	1.418695e-45	8.723904e-35	1.287735e-25
[8,]	2.334473e-33	1.132740e-26	2.112139e-20
[9,]	3.210094e-31	5.304714e-32	7.736477e-15
[10,]	1.416078e-36	4.843843e-35	1.239228e-04
[11,]	2.113836e-08	3.145016e-27	8.267456e+02
[12,]	5.280135e-146	1.103377e-125	1.004134e-127
[13,]	3.309778e-16	5.132824e-27	2.956621e-31
[14,]	1.315828e-18	3.628677e-40	1.008583e-01
[15,]	4.422531e-95	4.836981e-75	2.409657e-68
[16,]	3.387831e-68	7.571997e-69	9.063279e-58
[17,]	9.402301e-17	5.296818e-26	4.121978e-14
[18,]	7.721463e-32	1.081484e-21	5.922084e-26
[19,]	1.567588e-104	3.765950e-116	2.142774e-107
[20,]	1.286385e+03	2.470939e-32	1.576144e+03
[21,]	1.937169e-11	9.286340e-37	8.826192e+03
[22,]	6.862445e+03	6.694568e+03	3.601027e+03
[23,]	4.992301e-117	1.377169e-141	2.572616e-121
F154_170426_914_001	F254_160952_003_C01	F254_161107_016_D01	
[1,]	9.137188e-140	3.955707e-90	1.853780e-119
[2,]	7.742461e-101	3.638537e-22	6.783859e-53
[3,]	2.995745e-170	2.689105e-146	4.110642e-135
[4,]	5.156325e-104	2.832158e-80	5.847921e-61
[5,]	9.689364e-98	1.053131e-54	1.497373e-105
[6,]	1.935812e-95	8.903349e-56	1.451253e-34
[7,]	2.318599e-92	1.303126e-55	3.086555e-35
[8,]	1.183001e-92	3.051678e-51	8.828366e-42
[9,]	8.862920e-92	5.708675e-63	9.053059e-48
[10,]	8.483219e-103	4.098786e-50	7.542454e-22
[11,]	7.321868e-69	1.084005e-36	8.858587e-35
[12,]	2.854821e-146	3.589590e-151	5.902900e-155
[13,]	2.018612e-94	1.487273e-42	3.392456e-35
[14,]	1.461162e-111	2.248949e-48	2.061159e-31
[15,]	2.618796e-141	3.120398e-106	1.906289e-100
[16,]	1.864451e-138	1.346986e-75	4.999535e-76
[17,]	1.205481e-53	8.104917e-66	1.966556e-21
[18,]	1.094081e+03	1.730253e-46	9.233302e-22
[19,]	7.265894e-120	1.865148e-117	1.499319e-112
[20,]	5.202055e-39	2.357992e-53	9.080326e+02
[21,]	6.230088e-84	3.490082e-35	5.318610e-23
[22,]	4.063656e+03	6.351945e+03	6.339212e+03
[23,]	6.286806e-160	2.317317e-161	6.160962e-136
F254_170807_007_A01	F254_170519_007_E01	F254_170807_006_C01	
[1,]	9.090481e-68	3.485124e-59	2.205325e-75
[2,]	3.912030e-06	4.857987e+02	4.048124e-17
[3,]	7.156126e-137	7.513653e-139	1.561526e-154
[4,]	1.420432e-08	8.286848e-64	2.341333e-52
[5,]	1.243063e-36	1.375846e-59	1.278564e-87
[6,]	3.926633e-15	1.591212e-35	7.844485e-35
[7,]	2.497768e-07	6.265167e-40	7.367355e-24
[8,]	1.384768e-24	8.497242e-51	2.715132e-41
[9,]	6.702829e-25	3.160560e-42	2.558095e-52
[10,]	5.560100e-21	1.314041e-27	8.638723e-25
[11,]	2.117527e+02	2.829541e-25	1.716518e-27
[12,]	2.228006e-125	1.360726e-127	2.808881e-133
[13,]	6.223161e-43	7.346882e-36	4.193595e-62
[14,]	1.884307e-29	1.193467e-30	3.879732e-46
[15,]	4.112745e-88	4.010048e-68	1.662626e-72
[16,]	2.080236e-49	6.783833e-99	6.803888e-62
[17,]	9.321816e-29	1.235726e-19	2.866936e-17
[18,]	1.004334e-04	6.312370e-21	6.729454e+02
[19,]	1.041122e-67	1.468783e-131	3.014127e-114
[20,]	8.677153e+02	1.169719e-12	8.852227e-21
[21,]	1.556745e-24	8.999434e-09	3.779272e-34
[22,]	2.125614e+03	5.860058e+03	2.320474e+03
[23,]	4.828489e-117	5.390724e-139	4.065584e-129

	F154_160108_004_F01	F254_161107_006_A01	F254_160114_014_D01
[1,]	1.270253e-96	4.709445e-118	1.833753e-77
[2,]	2.117946e-84	5.936361e-44	1.008120e+02
[3,]	1.544384e-129	6.931745e-141	5.339452e-117
[4,]	3.274109e-82	3.964656e-83	7.847772e-68
[5,]	6.618213e-30	4.275337e-107	1.279769e-17
[6,]	1.080282e-75	2.072785e-45	1.703258e-63
[7,]	2.114465e-75	5.866333e-40	1.005922e-63
[8,]	1.594474e-85	1.793680e-53	3.564418e-52
[9,]	2.516255e-79	7.250074e-63	2.279384e-52
[10,]	9.194171e-86	1.104962e-30	3.038704e-58
[11,]	7.186801e-61	1.681365e-21	7.638964e+02
[12,]	6.924221e-120	1.029370e-148	1.319058e-123
[13,]	7.934543e-59	7.886817e-66	1.029088e-28
[14,]	5.339261e-73	7.164964e-38	6.544383e-57
[15,]	4.252406e-77	2.992023e-83	4.215549e-53
[16,]	8.192892e-107	8.515440e-83	4.101309e-69
[17,]	3.587693e-68	1.633939e-02	5.847110e-60
[18,]	4.489299e-57	3.405335e-02	4.953252e-48
[19,]	1.596128e-137	6.865051e-116	4.666319e-88
[20,]	4.595421e-81	8.732797e-08	1.428274e-38
[21,]	3.245783e-84	2.641617e-14	4.457662e-48
[22,]	5.471150e+03	6.811679e+03	4.343921e+03
[23,]	3.137934e-157	3.046570e-121	1.584123e-135
	F254_170519_006_H01	F254_160413_010_H01	F254_160114_001_G01
[1,]	2.703347e-93	5.449534e-72	2.809002e-83
[2,]	2.822113e-02	1.605874e-04	7.194750e-43
[3,]	2.562624e-155	4.025058e-106	9.158629e-140
[4,]	1.074510e-71	4.406213e-42	3.164643e-67
[5,]	4.473869e-75	1.491596e-52	1.833783e-13
[6,]	1.187530e-35	1.479047e-23	2.030276e-59
[7,]	6.144444e-28	3.402678e-29	1.428733e-58
[8,]	3.410001e-55	1.107312e-25	8.218511e-61
[9,]	9.368000e-58	2.469600e-19	2.214181e-64
[10,]	3.205009e-27	2.948265e-10	1.201400e-51
[11,]	1.949989e-29	1.751774e+03	6.336753e-41
[12,]	1.007651e-121	3.563334e-125	1.482147e-119
[13,]	3.003232e-57	4.159855e-43	1.746085e-56
[14,]	1.489885e-46	1.798501e-22	3.671261e-51
[15,]	1.101304e-62	3.328999e-50	4.892463e-91
[16,]	1.179651e-82	6.289678e-60	5.436800e-87
[17,]	9.967521e-35	3.682332e-29	1.533461e-52
[18,]	7.309690e-21	6.518299e-24	3.413197e-39
[19,]	4.344378e-140	1.097377e-101	2.432346e-113
[20,]	4.102200e-30	1.920718e+03	1.880523e-17
[21,]	2.370898e-18	1.499232e+03	2.077891e-34
[22,]	6.954775e+03	3.162238e+03	5.420508e+03
[23,]	1.246594e-148	4.231070e-80	4.438071e-141
	F254_160415_022_D01	F254_160304_015_B01	F254_160404_033_E01
[1,]	7.216788e-103	2.793080e-65	8.025319e-84
[2,]	1.122790e-81	1.107346e-61	5.610671e-36
[3,]	9.635373e-125	2.852403e-154	1.300422e-134
[4,]	1.138753e-60	2.397872e-104	7.461554e-53
[5,]	2.533123e-43	2.805379e+02	4.803086e-64
[6,]	3.969262e-63	4.620567e-92	1.597499e-53
[7,]	1.988681e-52	9.311704e-92	5.763631e-51
[8,]	4.876856e-53	1.376965e-88	1.984029e-55
[9,]	1.966773e-61	6.733027e-96	2.478148e-41
[10,]	1.998623e-61	1.370830e-107	2.594794e-60
[11,]	4.763832e-34	1.900408e-58	6.169045e-37
[12,]	1.469668e-160	5.347508e-135	1.660387e-128
[13,]	2.193738e-57	4.593938e-39	6.970888e-38
[14,]	8.010969e-51	7.367920e-75	9.066762e-38
[15,]	1.474732e-102	3.273274e-95	7.257994e-88
[16,]	9.438579e-97	3.994395e-66	1.656199e-49
[17,]	5.515143e-29	1.963030e-75	2.209041e-39
[18,]	5.909622e-13	2.226942e-52	1.655695e-40
[19,]	3.142896e-129	5.370174e-98	8.426712e-127
[20,]	8.981880e+02	9.976389e-35	8.074907e-20
[21,]	8.870942e-52	1.127682e-106	9.186350e-41
[22,]	4.667741e+03	3.728409e+03	6.297738e+03
[23,]	7.478185e-156	1.908411e-115	2.652916e-127
	F254_160419_017_D01	F154_160108_002_H01	F254_170519_008_H01
[1,]	1.224643e-93	5.377961e-115	6.277976e-66
[2,]	5.143416e-26	3.582322e-61	9.809213e-11
[3,]	1.076804e-149	8.096278e-154	2.046860e-118
[4,]	2.814190e-59	1.784769e-42	4.329989e-64
[5,]	1.097253e-47	5.843024e-11	1.600510e-51
[6,]	2.317454e-38	7.810569e-38	1.705822e-39
[7,]	1.968269e-44	9.180442e-47	2.273722e-40
[8,]	7.065856e-54	9.470278e-30	6.170867e-52
[9,]	1.531796e-53	6.728397e-43	6.095838e-52
[10,]	1.018272e-47	2.141338e-34	4.218599e-44
[11,]	1.238877e-28	3.555720e-22	5.843960e-18
[12,]	5.527988e-142	1.214722e-146	1.419062e-113
[13,]	4.946196e-39	7.498315e-41	1.012923e-25
[14,]	1.556607e-50	3.081133e-26	2.888256e-28
[15,]	1.761467e-91	4.047186e-82	9.766530e-79
[16,]	7.832806e-83	9.971077e-99	3.394980e-63
[17,]	1.609037e-27	1.793629e+03	4.807235e-31
[18,]	4.380671e-19	7.630242e-36	3.376395e-34
[19,]	9.239826e-124	9.601126e-108	4.628253e-111
[20,]	7.349553e-24	4.739409e+02	6.687075e-21
[21,]	7.466598e-38	1.484524e-18	1.198371e-14
[22,]	6.885179e+03	4.381672e+03	5.719769e+03
[23,]	1.113455e-154	3.192224e-145	5.084502e-127
	F254_170707_038_A01	F254_161004_011_G01	F254_160404_016_D01
[1,]	2.404483e-110	7.113481e-97	2.611406e-102
[2,]	1.768090e-40	1.219580e-65	5.567603e-89
[3,]	3.710922e-147	3.728719e-189	3.095460e-149
[4,]	1.460073e-44	2.311539e-101	6.068683e-27
[5,]	9.023768e-95	4.869065e-76	1.542816e-34
[6,]	6.000492e-32	2.284208e-90	2.894000e-45
[7,]	8.942641e-23	3.192569e-74	1.368064e-39
[8,]	5.400071e-55	2.435482e-80	2.102392e-36
[9,]	1.468524e-55	4.820567e-98	2.485595e-34
[10,]	3.318732e-41	7.322844e-73	7.336449e-57
[11,]	1.122557e-33	1.197594e-84	1.332242e-27
[12,]	1.032296e-167	7.616326e-145	7.646537e-160
[13,]	2.481005e-56	6.697751e-90	4.696289e-54
[14,]	6.762304e-37	8.434972e-78	1.634672e-43
[15,]	2.828799e-94	3.038194e-105	5.953704e-97
[16,]	1.221639e-96	1.893807e-86	5.236444e-90
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[19,]	3.033717e-122	2.501858e-160	9.825161e-96
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[5,]	5.163962e-100	5.547330e-69	1.217300e-34
[6,]	6.607265e-71	4.662561e-44	2.509189e-109
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[23,] 1.261501e-114 5.096430e-131 2.997115e-170

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[23,]	6.276027e-154	1.415099e-74	4.771682e-107
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[3,]	7.019526e-164	8.357412e-138	1.114996e-111
[4,]	7.354847e-69	1.978626e-38	4.398235e-56
[5,]	1.760504e-103	6.660593e-45	1.317016e-08
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[7,]	3.313168e-36	9.437746e-49	1.965926e-48
[8,]	3.106781e-61	3.071982e-25	3.486163e-62
[9,]	4.401796e-69	4.036132e-19	1.068257e-51
[10,]	2.157881e-36	9.337984e-29	6.096229e-65
[11,]	8.686999e-43	1.470277e+03	4.576806e-52
[12,]	2.042665e-151	6.789351e-135	4.341476e-118
[13,]	1.065821e-75	1.232293e-22	9.373000e+01
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[15,]	8.971221e-131	5.537660e-91	6.415890e-52
[16,]	3.634093e-92	1.391832e-84	5.824697e-76
[17,]	6.559319e-04	4.596716e-28	2.847720e-53
[18,]	2.000946e-03	3.921436e-52	4.207362e-25
[19,]	7.095249e-120	1.608272e-128	5.759668e-102
[20,]	8.208979e-34	2.173548e+03	1.319857e-35
[21,]	3.555117e-37	7.807216e+02	7.214675e-58
[22,]	8.882914e+03	3.221451e+03	6.127594e+03
[23,]	2.005808e-149	4.569412e-145	1.777250e-125
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[2,]	2.418237e-21	5.830135e-38	4.898089e-70
[3,]	5.458675e-133	1.055176e-146	2.115242e-114
[4,]	2.561962e-61	1.052398e-61	2.937692e-39
[5,]	3.036951e-64	2.634879e+02	2.391232e-26
[6,]	1.721858e-45	2.264903e-59	6.441243e-38
[7,]	2.252440e-25	4.997276e-55	4.921488e-37
[8,]	1.630751e-45	3.712281e-62	1.773961e-26
[9,]	5.349576e-63	1.116397e-48	2.625753e-29
[10,]	1.382061e-39	3.012184e-59	4.247886e-41
[11,]	1.663745e-07	1.769903e-28	2.503798e-15
[12,]	1.202472e-127	6.824735e-128	5.206526e-134
[13,]	3.790435e-37	1.405134e-44	1.404045e-11
[14,]	1.701276e-41	2.289098e-57	5.839914e-26
[15,]	3.611086e-90	1.034937e-59	4.371625e-79
[16,]	3.296825e-18	1.970449e-75	3.248597e-84
[17,]	7.814927e+01	4.828484e-52	6.027569e-28
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[19,]	2.270397e-111	5.761189e-118	4.930689e-122
[20,]	4.118203e-08	2.224275e-23	1.230021e+02
[21,]	1.640940e-22	1.122386e-67	3.428336e-23
[22,]	2.494809e+03	3.843630e+03	7.015096e+03
[23,]	1.63785e-123	1.024997e-136	7.991310e-122
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[3,]	4.181182e-148	3.883050e-148	1.327317e-121
[4,]	8.653377e-73	1.862204e-27	9.674621e-38
[5,]	3.430568e-77	5.962243e-50	4.307806e-36
[6,]	6.471084e-56	3.996636e-20	1.692561e-43
[7,]	4.305819e-51	8.524418e-30	2.309109e-41
[8,]	2.068387e-59	1.718383e-24	1.924631e-41
[9,]	1.867849e-69	4.323537e-28	1.390890e-45
[10,]	9.904378e-65	3.324334e-22	2.066751e-35
[11,]	1.616952e-48	1.153279e-06	7.653738e-28
[12,]	3.237163e-120	3.323680e-142	5.120753e-116
[13,]	9.177995e-59	2.639073e-30	6.021037e-17
[14,]	1.277767e-53	7.092450e-17	6.436876e-24
[15,]	9.09834e-103	1.832919e-91	1.110800e-69
[16,]	2.835214e-102	2.484787e-83	6.761422e-57
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[18,]	5.038203e-11	1.956426e-35	4.032174e-34
[19,]	8.309222e-131	8.329056e-121	5.577498e-101
[20,]	2.937420e-15	1.584738e+03	2.017248e-26
[21,]	1.122525e-44	1.453778e-13	1.061917e-23
[22,]	7.156548e+03	5.260831e+03	7.055006e+03
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[3,]	5.414337e-126	9.078716e-128	3.640207e-128
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[5,]	3.935080e-70	6.355141e-55	5.830964e-14
[6,]	2.894072e-39	2.120837e-23	3.647525e-32
[7,]	1.448208e-45	5.659040e-26	3.944768e-49
[8,]	5.307372e-40	2.514249e-28	3.125869e-38
[9,]	6.916572e-58	4.958078e-23	2.005264e-33
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[12,]	1.460221e-124	7.167399e-156	3.620868e-129
[13,]	3.973098e-50	3.304830e-31	3.155337e-24
[14,]	2.249344e-47	1.783673e-20	1.202480e-40
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[16,]	1.245426e-74	2.708748e-69	3.032148e-67
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[18,]	5.998834e-26	1.419807e-33	7.201759e-53
[19,]	1.568595e-107	5.244316e-116	3.690901e-136
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[21,]	9.302521e-35	1.039024e+03	7.608225e-19
[22,]	8.779264e+03	5.975698e+03	6.736387e+03
[23,]	6.817848e-102	1.703123e-123	7.108906e-144
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[2,]	1.405564e-76	4.433219e+02	5.023326e-134
[3,]	1.957847e-122	2.087277e-91	1.760785e-89
[4,]	5.837985e-36	4.475385e-62	3.296683e-258
[5,]	3.480242e-32	6.739970e-26	9.292918e-277
[6,]	7.167061e-34	1.018153e-66	2.746523e-212
[7,]	9.719563e-47	1.720422e-58	7.666866e-214
[8,]	1.515995e-39	6.709436e-63	4.562865e-246
[9,]	1.486418e-27	1.094957e-66	6.898729e-241
[10,]	2.165478e-54	2.489197e-67	1.042083e-223
[11,]	6.873041e+02	9.159608e-37	3.478684e-229
[12,]	1.833768e-102	3.204753e-83	3.093956e-68
[13,]	7.479225e+01	8.547781e-23	7.956357e-192
[14,]	2.810451e-31	5.767555e-43	5.838724e-230
[15,]	1.765404e-72	6.546599e-51	1.761633e-98
[16,]	8.924177e-52	2.943559e-26	8.982892e-38
[17,]	5.055014e-19	1.779241e-53	3.877752e-195
[18,]	7.165961e-08	9.253270e-37	1.217128e-132
[19,]	1.235795e-97	2.128199e-96	4.279944e-63
[20,]	9.675582e+02	8.656643e-36	9.745521e-206
[21,]	6.100172e-34	7.073975e-40	8.818227e-218
[22,]	5.355260e+03	6.062992e+03	6.846666e-200
[23,]	7.580317e-115	1.003125e-94	3.780357e+03
F254_161110_002_H01	F254_160405_016_B01	F254_160405_014_B01	
[1,]	2.347067e-307	4.656440e-115	5.119976e-172
[2,]	7.369021e-142	1.070921e-104	6.762618e-135
[3,]	4.796910e-119	5.842110e-100	5.114865e-152
[4,]	1.543391e-287	5.042397e-237	5.001665e-230
[5,]	4.940656e-324	3.008309e-241	6.663352e-261

[6,]	8.996390e-229	7.318436e-211	2.550556e-219
[7,]	1.349401e-208	3.195207e-207	8.092180e-209
[8,]	1.142532e-256	2.829767e-204	2.763560e-219
[9,]	2.048730e-277	2.315215e-222	6.567166e-230
[10,]	3.113192e-246	4.657655e-225	8.626037e-227
[11,]	1.355647e-264	2.712755e-188	1.055812e-203
[12,]	2.747499e-274	2.035996e-143	2.063143e-168
[13,]	4.575151e-263	4.961381e-155	4.108195e-182
[14,]	2.656555e-241	2.276392e-198	4.385857e-217
[15,]	6.976116e-208	9.649998e-128	6.498326e-156
[16,]	3.965640e-193	6.284914e-84	1.716128e-85
[17,]	6.012217e-238	1.655703e-194	1.615396e-205
[18,]	6.739580e-175	2.444480e-169	2.389801e-178
[19,]	2.593835e-140	8.258059e-75	1.096131e-112
[20,]	1.407881e-240	3.146708e-200	6.087379e-217
[21,]	7.306848e-241	1.330830e-203	8.412002e-219
[22,]	3.737005e-255	2.212955e-204	1.297159e-205
[23,]	3.362101e+03	6.692975e+03	6.895789e+03
F254_160405_012_D01	F254_160405_014_D01	F254_170803_002_F01	
[1,]	1.341329e-171	2.595332e-153	1.65091e-69
[2,]	3.090566e-187	2.360835e-146	1.435497e-164
[3,]	3.700808e-175	4.686072e-52	5.673620e-100
[4,]	1.286684e-303	2.196841e-234	8.930543e-221
[5,]	4.940656e-324	2.520693e-255	5.748194e-267
[6,]	1.123133e-296	2.838016e-220	1.326218e-214
[7,]	9.572215e-283	2.590843e-222	1.332661e-198
[8,]	3.140339e-306	2.420788e-228	3.493724e-226
[9,]	2.528589e-297	1.284567e-223	2.743912e-224
[10,]	3.347784e-286	2.190398e-225	3.411159e-219
[11,]	1.007353e-279	3.865349e-208	1.029531e-204
[12,]	1.387611e-119	1.009323e-136	2.410466e-87
[13,]	2.815021e-277	1.062983e-198	1.523406e-191
[14,]	5.947537e-310	1.570499e-225	7.618414e-219
[15,]	1.651375e-193	3.219385e-166	3.093536e-102
[16,]	3.683716e-93	2.998853e-67	1.126680e-50
[17,]	8.037921e-268	1.479946e-221	8.341409e-188
[18,]	4.971347e-257	1.431671e-187	1.747871e-178
[19,]	3.635503e-145	7.665999e-102	2.234489e-100
[20,]	4.115719e-284	5.458993e-205	6.710592e-196
[21,]	1.241418e-287	8.845277e-228	3.102247e-200
[22,]	4.794044e-275	2.066869e-207	1.849671e-200
[23,]	4.556032e+03	6.625130e+03	2.663626e+03
F254_160405_015_E01	F254_161110_002_D01	F254_161110_003_D01	
[1,]	2.678381e-170	7.011946e-89	9.534085e-140
[2,]	5.769437e-163	1.545440e-126	1.593269e+02
[3,]	3.804705e-85	8.583765e-77	9.829377e+02
[4,]	4.106838e-268	2.433717e-294	7.510382e-139
[5,]	9.637471e-310	1.080998e-281	7.360780e-145
[6,]	1.981831e-240	4.707617e-254	1.931007e-116
[7,]	1.872345e-236	7.839270e-249	1.431934e-109
[8,]	1.877582e-246	5.961577e-245	2.287112e-124
[9,]	2.214823e-260	8.667669e-277	1.892193e-125
[10,]	2.038369e-246	1.530954e-225	6.938671e-115
[11,]	4.022532e-242	1.737072e-211	7.867060e-121
[12,]	9.973752e-150	5.789192e-116	1.787211e+03
[13,]	4.451171e-233	2.544973e-203	4.714009e-112
[14,]	4.800146e-245	7.444031e-233	1.743693e-119
[15,]	2.418972e-170	3.349612e-186	3.658691e+01
[16,]	2.631735e-52	1.714873e-66	1.732964e-48
[17,]	3.760634e-222	5.569453e-212	9.296523e-105
[18,]	1.065364e-203	2.958380e-209	1.726042e-57
[19,]	5.381242e-114	8.635682e-109	3.396179e+01
[20,]	7.232854e-248	1.023000e-250	1.355492e-95
[21,]	9.292558e-250	3.338528e-219	3.782201e-103
[22,]	3.154726e-235	1.614331e-223	9.322448e-106
[23,]	6.028382e+03	4.178959e+03	2.946210e+03
F254_160405_020_H01	F254_160620_030_D01	F254_160405_022_A01	
[1,]	1.011196e-130	1.921927e-181	4.137702e-153
[2,]	1.525857e-206	1.266109e-114	3.842767e-198
[3,]	1.766291e-149	1.163924e-99	2.263887e-155
[4,]	5.171054e-317	3.195871e-258	1.825956e-282
[5,]	6.119814e-311	5.226145e-299	1.998885e-300
[6,]	8.943084e-290	2.231300e-224	1.668241e-266
[7,]	7.663700e-301	5.114967e-223	9.501490e-274
[8,]	4.896913e-298	2.709944e-235	1.166913e-259
[9,]	2.965298e-298	2.015378e-248	8.802293e-274
[10,]	8.769647e-311	5.052164e-228	1.948334e-277
[11,]	1.931109e-260	1.034309e-231	1.628707e-241
[12,]	5.197645e-194	1.704227e-121	5.228917e-167
[13,]	2.892244e-230	1.193934e-216	2.663195e-209
[14,]	7.547445e-286	2.844213e-227	1.805501e-256
[15,]	8.174402e-220	2.371925e-189	6.801715e-209
[16,]	8.035679e-69	1.937280e-34	1.584345e-106
[17,]	8.398392e-289	2.225869e-215	5.538812e-255
[18,]	1.513767e-277	2.874800e-167	3.521019e-238
[19,]	3.632626e-106	1.364283e-76	1.300707e-129
[20,]	3.960814e-255	5.460658e-231	6.474685e-254
[21,]	8.043568e-273	5.294250e-231	4.100725e-248
[22,]	6.417229e-278	2.100787e-216	1.371450e-265
[23,]	7.423641e+03	7.766358e+03	7.082085e+03
F254_161110_002_E01	F254_160405_012_G01	F254_160405_012_F01	
[1,]	3.009967e-240	4.307719e-168	1.942944e-285
[2,]	2.036743e-82	9.224791e-213	1.102729e-174
[3,]	7.877834e-137	2.489780e-163	3.327459e-154
[4,]	8.695897e-206	2.173889e-322	9.728111e-270
[5,]	1.863484e-240	4.169420e-320	2.818822e-313
[6,]	8.922146e-160	4.751528e-319	5.645855e-195
[7,]	5.106332e-125	1.313003e-313	4.298566e-219
[8,]	6.369817e-186	1.451111e-309	1.189907e-235
[9,]	1.600230e-198	2.634383e-318	5.156706e-269
[10,]	1.051391e-160	9.881313e-324	5.232800e-242
[11,]	4.035514e-184	7.302019e-290	1.448353e-236
[12,]	1.695235e-188	5.670884e-201	1.889643e-105
[13,]	3.285627e-197	2.253512e-233	4.578607e-194
[14,]	1.144655e-196	1.472153e-318	1.893106e-239
[15,]	7.421005e-157	2.374554e-176	1.983782e-152
[16,]	2.260932e-96	3.631627e-145	1.235276e-151
[17,]	4.022358e-152	1.322222e-296	3.986344e-220
[18,]	3.751483e-101	2.823533e-247	6.456742e-160
[19,]	4.491409e-96	2.05345e-177	2.499275e-121
[20,]	5.494189e-166	1.830696e-284	1.389553e-186
[21,]	6.747055e-159	3.670730e-309	5.386058e-234
[22,]	1.318460e-167	3.184580e-280	8.556164e-228
[23,]	2.814954e+03	6.166203e+03	4.846516e+03
F254_160405_021_001	F254_160705_002_001	F254_160405_017_001	
[1,]	4.179616e-177	1.171521e-150	2.653282e-193
[2,]	5.152883e-120	2.853000e-159	3.328275e-213
[3,]	5.127529e-80	1.267370e-59	5.590771e-188
[4,]	1.767571e-254	1.406846e-222	1.846300e-293
[5,]	2.225477e-230	2.347059e-298	3.665943e-306
[6,]	2.545187e-231	1.153281e-211	9.424403e-297
[7,]	8.798106e-243	1.018002e-211	3.997455e-270
[8,]	1.825707e-232	1.613580e-217	3.405720e-273
[9,]	3.841716e-249	1.926618e-222	4.076998e-286
[10,]	3.125005e-251	5.567355e-214	1.013582e-302
[11,]	2.448545e-213	1.914997e-190	2.957586e-238
[12,]	1.811419e-160	2.393641e-141	1.465550e-183
[13,]	5.148191e-168	5.090430e-194	4.766234e-221
[14,]	7.040850e-214	1.146480e-200	4.656912e-268
[15,]	2.105628e-182	2.956365e-163	4.564724e-234

[16,]	6.380174e-71	6.606825e+02	5.054655e-131
[17,]	1.026691e-237	5.723123e-188	2.091670e-283
[18,]	6.68975e-208	2.064232e-174	8.238782e-247
[19,]	5.665792e-97	2.586816e-15	2.780375e-172
[20,]	2.472437e-232	6.523939e-183	3.802579e-292
[21,]	1.045979e-233	1.290082e-177	1.377467e-286
[22,]	1.413276e-223	3.968489e-205	1.621802e-269
[23,]	6.912604e+03	6.366001e+03	7.400408e+03
F254_160405_017_F01 F254_160405_017_A01 F254_160714_001_H01			
[1,]	7.076371e-139	3.725447e-152	4.370691e-101
[2,]	8.387123e-138	1.696647e-98	7.058326e-132
[3,]	8.078939e-133	2.372514e-117	1.456425e-98
[4,]	5.418089e-255	3.659375e-197	2.373648e-210
[5,]	3.813238e-250	6.019098e-233	1.924142e-180
[6,]	1.881048e-241	7.849970e-199	1.114403e-211
[7,]	6.037396e-247	8.049215e-199	4.816863e-211
[8,]	6.828625e-242	7.498761e-200	4.622257e-210
[9,]	2.711469e-257	1.201760e-213	1.868226e-206
[10,]	1.065624e-254	2.652569e-216	3.098738e-220
[11,]	1.896006e-224	8.563510e-179	1.798990e-199
[12,]	3.135851e-139	5.205911e-135	8.415713e-97
[13,]	9.641742e-181	4.458679e-135	3.540450e-147
[14,]	1.755991e-226	2.785764e-185	3.597958e-202
[15,]	3.193647e-181	5.052064e-151	5.748251e-134
[16,]	7.665118e-83	6.624842e-87	5.038817e-02
[17,]	4.630778e-226	5.661796e-194	4.483253e-203
[18,]	4.279341e-213	3.119155e-151	2.255204e-170
[19,]	3.623421e-109	1.432408e-117	3.651583e-68
[20,]	1.047451e-235	1.026440e-191	1.020375e-211
[21,]	1.869979e-240	3.428959e-199	3.854014e-216
[22,]	2.296513e-220	1.460601e-183	2.217849e-208
[23,]	6.637371e+03	7.448649e+03	6.388862e+03
F254_160713_007_A01 F254_161117_004_H01 F254_160405_002_G01			
[1,]	6.887407e-106	3.947257e-187	8.174754e-177
[2,]	3.530005e-66	5.048872e-69	5.88910e-179
[3,]	1.631330e-15	3.118756e+02	2.067396e-111
[4,]	1.251040e-199	1.208999e-208	8.114742e-263
[5,]	6.282627e-240	5.396927e-246	1.632927e-304
[6,]	8.218788e-161	2.582627e-185	1.706338e-255
[7,]	6.280183e-158	2.296452e-180	1.961017e-247
[8,]	1.062096e-179	6.370814e-195	1.097274e-257
[9,]	3.701053e-178	3.225457e-198	2.893830e-265
[10,]	3.145194e-164	7.131256e-183	1.224176e-261
[11,]	2.250816e-169	2.353867e-197	7.835166e-228
[12,]	9.471237e-100	6.660996e+02	1.275294e-191
[13,]	4.146083e-162	3.075494e-180	8.358694e-222
[14,]	3.653142e-169	8.532315e-189	8.982084e-257
[15,]	7.075977e-85	1.747751e-134	6.534146e-193
[16,]	4.221361e+01	2.844766e-80	4.455272e-81
[17,]	2.566678e-146	1.346916e-191	2.844066e-225
[18,]	4.343910e-128	3.17123e-116	1.523051e-200
[19,]	7.335648e+00	2.821266e-51	1.130749e-110
[20,]	5.449881e-150	5.320968e-186	4.423642e-245
[21,]	2.202585e-158	2.173898e-204	8.084078e-246
[22,]	3.478979e-177	3.743276e-186	2.749169e-244
[23,]	1.410238e+03	8.721116e+03	8.063683e+03
F254_161110_001_C01 F254_160405_001_E01 F254_170320_007_D01			
[1,]	1.000163e-193	9.701237e-143	2.238946e+02
[2,]	1.030527e-274	6.350002e-134	7.855144e-87
[3,]	4.808849e-224	8.510675e-101	6.847291e-62
[4,]	4.940656e-324	3.579927e-248	3.547642e-170
[5,]	4.940656e-324	1.271513e-253	3.441939e-170
[6,]	4.940656e-324	4.692901e-235	1.006588e-142
[7,]	4.940656e-324	4.124775e-225	7.959468e-157
[8,]	4.940656e-324	4.373772e-230	4.376345e-149
[9,]	4.940656e-324	2.216454e-233	7.013405e-150
[10,]	4.940656e-324	9.924545e-241	9.557579e-157
[11,]	9.88131e-323	5.867155e-212	2.344882e-139
[12,]	1.061610e-187	4.935083e-135	6.828021e-34
[13,]	6.771333e-298	6.564771e-176	7.759439e-83
[14,]	4.940656e-324	1.800998e-237	2.047684e-134
[15,]	3.074939e-220	2.803873e-174	9.476976e-92
[16,]	5.449994e-195	1.265787e-54	3.052313e-27
[17,]	4.940656e-324	2.439886e-224	1.818948e-118
[18,]	4.940656e-324	6.207321e-201	8.386314e-114
[19,]	5.037351e-223	9.075229e-106	1.449459e-81
[20,]	4.940656e-324	2.571766e-222	2.837513e-160
[21,]	4.940656e-324	1.712068e-237	3.566807e-126
[22,]	4.940656e-324	2.169535e-214	1.015498e-111
[23,]	6.935174e+03	5.992282e+03	3.092989e+03
F254_161117_001_G01 F254_161110_003_E01 F254_160405_020_C01			
[1,]	1.943948e-99	7.019322e-85	2.774547e-153
[2,]	1.347765e-63	1.114044e-47	1.728654e-138
[3,]	1.771660e-08	3.338617e+02	2.573540e-143
[4,]	5.955714e-185	2.838080e-187	7.638383e-258
[5,]	9.341643e-221	5.557617e-209	5.499674e-284
[6,]	5.055059e-165	4.759547e-187	1.162042e-256
[7,]	3.959247e-153	6.568846e-159	1.110530e-247
[8,]	1.755788e-175	9.706274e-156	7.678109e-251
[9,]	7.926383e-179	1.164990e-182	1.313014e-258
[10,]	4.700367e-150	6.420700e-195	1.533757e-256
[11,]	1.186717e-150	3.722480e-132	1.569947e-206
[12,]	2.074685e-33	1.824126e-52	1.328728e-132
[13,]	1.062939e-144	6.999277e-152	1.871775e-198
[14,]	6.089844e-160	6.784927e-171	2.946967e-243
[15,]	4.195307e-108	1.487834e-80	3.066042e-154
[16,]	2.714180e-75	1.785762e-59	2.702035e-101
[17,]	6.494651e-144	2.864604e-165	8.689122e-242
[18,]	1.017431e-115	9.865456e-119	1.478032e-197
[19,]	2.583291e-47	2.114857e-36	1.677774e-123
[20,]	4.736673e-149	2.203265e-147	1.922289e-220
[21,]	8.213816e-137	1.154078e-167	1.482869e-242
[22,]	1.364973e-154	6.225507e-168	1.613584e-229
[23,]	5.729593e+03	4.803841e+03	7.322348e+03
F254_160405_010_F01 F254_160405_014_A01 F254_160405_009_A01			
[1,]	1.485789e-176	7.930931e-138	1.059284e-119
[2,]	9.056213e-162	1.577758e-206	1.056868e-206
[3,]	1.898173e-59	7.146941e-174	1.411128e-175
[4,]	2.141784e-248	3.828294e-304	1.233096e-300
[5,]	5.549820e-293	4.940656e-324	1.684749e-313
[6,]	4.925843e-227	1.610374e-304	1.642434e-285
[7,]	2.794755e-233	8.813492e-300	7.271622e-299
[8,]	2.467230e-228	1.692932e-301	1.300049e-276
[9,]	1.670801e-238	4.940656e-324	2.842641e-298
[10,]	1.557653e-219	7.810516e-301	3.214970e-294
[11,]	3.009983e-204	1.021045e-305	5.940297e-263
[12,]	2.121459e-151	4.439836e-219	2.708684e-172
[13,]	6.964617e-202	1.414266e-259	7.177997e-247
[14,]	4.446408e-223	1.961870e-293	2.547531e-284
[15,]	9.700450e-170	7.336718e-215	2.122852e-187
[16,]	3.737169e-41	4.922200e-113	2.201491e-118
[17,]	3.950109e-220	1.052629e-290	1.861947e-260
[18,]	7.854148e-185	2.635262e-273	8.402874e-257
[19,]	2.005901e-80	1.620657e-166	1.572998e-135
[20,]	6.339971e-218	1.217833e-303	1.151148e-270
[21,]	3.545182e-226	4.815646e-289	4.131568e-278
[22,]	6.317589e-214	1.420154e-288	2.406154e-271
[23,]	8.246394e+03	5.682188e+03	8.797016e+03
F254_160707_009_B01 F254_161117_002_H01 F254_160405_014_H01			
[1,]	8.455841e-106	7.068309e-216	3.301897e-150

[2,]	2.697118e-100	2.484892e-105	5.773940e-198
[3,]	8.415342e-75	1.576917e+03	4.443292e-168
[4,]	1.199379e-217	1.042971e-210	3.336784e-308
[5,]	1.247193e-266	1.445454e-280	1.208199e-290
[6,]	6.803029e-193	2.069406e-192	7.167504e-290
[7,]	5.480795e-188	7.328526e-191	4.189136e-293
[8,]	2.576853e-207	1.833893e-197	3.864646e-289
[9,]	5.973827e-207	5.262203e-221	7.961471e-311
[10,]	1.673065e-190	2.138865e-183	4.728702e-320
[11,]	4.255801e-165	1.218394e-213	1.381460e-271
[12,]	2.222309e-121	7.510624e+02	2.687357e-202
[13,]	7.035018e-137	1.598431e-207	1.751483e-228
[14,]	1.089425e-189	2.039895e-184	8.593503e-279
[15,]	6.145199e-132	2.457716e-147	9.035630e-224
[16,]	3.530856e+02	5.590373e-91	3.400825e-116
[17,]	1.280369e-183	7.407507e-202	1.077841e-279
[18,]	1.128409e-123	1.648144e-135	2.032440e-283
[19,]	5.147443e-13	1.711782e-74	4.243614e-136
[20,]	2.817461e-194	4.423788e-202	7.832442e-285
[21,]	7.096380e-198	3.303126e-206	6.126041e-288
[22,]	4.271357e-176	1.160787e-214	4.134056e-256
[23,]	4.914767e+03	4.397505e+03	5.322339e+03
F254_160405_003_D01	F254_161110_001_F01	F254_160405_016_D01	
[1,]	1.037842e-177	1.628678e-94	7.386528e-187
[2,]	1.119950e-153	2.305266e-70	3.778904e-213
[3,]	7.075465e-121	5.335847e-12	1.189387e-208
[4,]	1.403498e-275	3.185314e-203	4.940656e-324
[5,]	9.841840e-275	5.712003e-222	8.243735e-311
[6,]	8.231459e-266	2.882603e-185	2.804317e-320
[7,]	4.292527e-259	3.250250e-188	4.940656e-324
[8,]	1.215483e-256	6.395557e-198	4.940656e-324
[9,]	2.511775e-269	9.508653e-203	4.940656e-324
[10,]	7.082777e-278	6.301698e-193	4.940656e-324
[11,]	6.536967e-242	3.776140e-166	1.177074e-310
[12,]	1.06622e-113	1.961184e-72	2.578805e-209
[13,]	4.973218e-180	6.186674e-163	6.866157e-258
[14,]	2.616150e-261	2.296372e-185	7.271581e-315
[15,]	2.828036e-212	6.017356e-137	3.179836e-234
[16,]	2.423825e-102	6.450711e-78	4.408088e-165
[17,]	1.112669e-283	3.530959e-172	2.440853e-298
[18,]	8.961275e-240	1.319499e-122	3.034294e-288
[19,]	5.920648e-121	4.749702e-78	1.982485e-138
[20,]	1.497763e-270	2.134623e-186	1.302485e-287
[21,]	2.461803e-270	7.686922e-195	1.703551e-308
[22,]	6.481531e-255	8.167808e-177	7.396371e-309
[23,]	6.923520e+03	5.495670e+03	5.669167e+03
F254_160405_015_C01	F254_160405_021_E01	F254_161110_001_E01	
[1,]	1.214252e-129	3.264755e-315	1.182376e+02
[2,]	3.492091e-129	1.770842e-209	3.203844e-113
[3,]	6.187452e-95	4.404369e-230	9.010304e-22
[4,]	1.240783e-208	1.574817e-303	5.181065e-243
[5,]	5.876824e-238	4.940656e-324	1.187685e-192
[6,]	4.151842e-216	7.402602e-269	1.628456e-231
[7,]	1.856347e-200	4.062029e-255	3.492371e-231
[8,]	1.703924e-213	2.260868e-287	5.223200e-236
[9,]	1.365618e-218	9.363516e-313	6.907148e-246
[10,]	2.259226e-228	8.374198e-287	4.729742e-232
[11,]	3.918256e-187	9.409804e-267	6.407475e-226
[12,]	2.658783e-154	4.124059e-265	2.607837e-35
[13,]	1.514485e-174	6.955824e-270	6.156296e-163
[14,]	3.042536e-215	2.804655e-291	1.878755e-197
[15,]	1.824482e-165	1.832997e-280	1.396269e-128
[16,]	6.661059e-99	3.187699e-168	7.677286e-61
[17,]	2.284366e-183	1.277201e-268	9.039009e-229
[18,]	7.646972e-164	8.093836e-217	1.492735e-169
[19,]	1.136424e-75	1.377660e-214	4.013900e-102
[20,]	4.311680e-197	3.063049e-227	5.390394e-235
[21,]	2.295606e-197	3.39955e-275	2.650374e-222
[22,]	1.635611e-187	1.608387e-271	9.047899e-216
[23,]	5.906669e+03	5.016625e+03	5.654457e+03
F254_161110_002_A01	F254_170320_008_F01	F254_160715_002_H01	
[1,]	3.670605e-152	4.379942e-39	9.060254e-134
[2,]	9.124769e-87	3.002383e+00	6.602367e-47
[3,]	4.747350e-123	7.370643e+02	6.913565e-166
[4,]	8.610249e-207	5.626429e-140	3.620972e-225
[5,]	2.114485e-195	1.052868e-185	2.558242e-275
[6,]	1.484514e-185	4.720504e-81	1.367813e-135
[7,]	2.300399e-191	1.072310e-83	1.144102e-106
[8,]	4.587390e-206	8.730996e-91	3.151757e-171
[9,]	8.862844e-211	3.996488e-121	1.031242e-171
[10,]	2.080422e-208	3.829415e-96	3.845743e-122
[11,]	6.393334e-189	3.803689e-111	1.254436e-161
[12,]	4.506120e-120	3.218214e-49	9.963721e-162
[13,]	8.618665e-155	3.612760e-125	8.250870e-178
[14,]	1.754365e-168	1.205947e-76	4.982325e-127
[15,]	1.255033e-146	1.917589e-29	5.216434e-81
[16,]	5.972851e-107	1.621650e-54	2.636588e-110
[17,]	7.681804e-170	3.686192e-98	1.014214e-68
[18,]	4.905340e-146	3.659238e-46	1.162563e+03
[19,]	1.373486e-113	6.061770e+02	1.958103e-74
[20,]	7.312416e-190	8.344102e-106	3.368299e-151
[21,]	3.104338e-181	6.807824e-85	3.743406e-144
[22,]	7.451058e-180	4.847437e-124	2.759535e-140
[23,]	8.045726e+03	6.209110e+03	1.786046e+03
F254_161110_002_F01	F254_160405_010_C01	F254_160405_023_C01	
[1,]	5.687358e-64	1.992023e-209	2.365199e-176
[2,]	4.622172e-68	9.504398e-126	1.160217e-120
[3,]	4.486607e+02	2.665526e-159	5.836074e-134
[4,]	8.235679e-156	3.220769e-240	6.823733e-251
[5,]	1.396959e-148	9.691779e-316	1.403544e-278
[6,]	7.441384e-143	1.398082e-232	5.735007e-247
[7,]	3.238742e-128	6.120726e-229	7.816781e-255
[8,]	1.168020e-142	1.524078e-248	8.327225e-262
[9,]	2.366317e-155	5.583541e-248	3.352245e-259
[10,]	6.020863e-147	3.412665e-236	6.791263e-270
[11,]	6.774922e-119	1.209834e-223	1.470422e-249
[12,]	3.931632e-32	4.695565e-188	1.662552e-137
[13,]	4.142548e-136	7.564171e-197	1.567485e-210
[14,]	5.200848e-137	2.189162e-240	2.680138e-258
[15,]	3.664920e-53	8.120119e-174	7.190270e-188
[16,]	6.897085e-66	1.910614e-116	1.137427e-110
[17,]	7.001015e-134	4.317474e-227	2.240156e-249
[18,]	9.401531e-83	1.388283e-180	1.215516e-203
[19,]	1.399733e-12	1.949725e-120	1.050356e-121
[20,]	4.487293e-129	9.307291e-229	3.646873e-257
[21,]	8.448301e-141	1.942763e-224	6.596719e-261
[22,]	1.174290e-123	1.130603e-246	3.759590e-245
[23,]	6.671327e+03	1.013447e+04	6.132899e+03
F254_160901_012_C01	F254_161117_004_D01	F254_160901_001_F01	
[1,]	5.173768e-17	5.573039e-167	8.868976e+00
[2,]	6.453276e-25	6.965709e-132	6.840549e-86
[3,]	3.870931e+02	4.374029e-17	3.452296e-77
[4,]	9.976481e-131	1.889985e-259	1.334737e-188
[5,]	1.604958e-129	2.088809e-304	1.245524e-208
[6,]	6.510488e-117	3.719909e-225	4.047337e-165
[7,]	1.761209e-112	3.797146e-219	4.395090e-138
[8,]	4.600420e-110	1.335218e-232	4.022104e-190
[9,]	2.161180e-124	3.238915e-248	2.746159e-191
[10,]	6.558301e-119	1.944115e-219	2.857091e-176
[11,]	1.133834e-100	9.149498e-209	7.185255e-161

[12,]	5.509361e-62	8.806269e-70	2.616880e-131
[13,]	9.930986e-109	1.694857e-213	1.190237e-146
[14,]	1.753196e-118	3.22433e-211	2.635133e-166
[15,]	9.031678e-25	1.255942e-151	3.609184e-134
[16,]	5.996252e-56	2.980962e-102	2.025083e-88
[17,]	3.507632e-84	5.372837e-217	1.738533e-118
[18,]	1.122667e-71	1.526395e-172	3.760327e-103
[19,]	3.211748e+02	2.736061e-67	1.867107e-90
[20,]	5.537858e-125	4.783291e-212	1.296278e-162
[21,]	2.050507e-116	1.451343e-213	2.822054e-180
[22,]	9.285527e-117	4.515750e-208	3.377986e-155
[23,]	6.739522e+03	8.003019e+03	4.652217e+03
	F254_160405_016_C01	F254_160405_017_H01	F254_161110_003_C01
[1,]	3.455121e-135	7.923671e-241	3.515891e-228
[2,]	6.401303e-141	1.374028e-244	4.435960e-51
[3,]	4.511180e-114	6.337246e-128	2.388018e-81
[4,]	8.517489e-253	4.940656e-324	5.360686e-226
[5,]	2.124969e-255	4.940656e-324	1.484941e-299
[6,]	4.369428e-230	1.882918e-307	5.436031e-171
[7,]	9.874240e-238	7.983859e-306	1.932270e-140
[8,]	6.169658e-237	4.940656e-324	3.218704e-186
[9,]	4.705028e-243	4.940656e-324	6.820028e-203
[10,]	1.066495e-248	1.078594e-317	3.710471e-158
[11,]	5.198236e-225	1.976263e-323	7.588745e-174
[12,]	2.854355e-118	1.597632e-191	4.254635e-134
[13,]	8.129964e-171	1.442334e-317	2.843216e-229
[14,]	6.123166e-210	4.940656e-324	2.618023e-192
[15,]	2.011974e-134	2.254763e-247	1.882819e-173
[16,]	1.664357e-62	1.778788e-126	1.650462e-145
[17,]	5.945787e-224	4.940656e-324	2.421300e-135
[18,]	9.007600e-202	3.149555e-312	2.945058e-41
[19,]	1.045937e-96	3.497575e-151	5.915904e-105
[20,]	2.905252e-233	4.940656e-324	4.136368e-171
[21,]	1.544170e-241	4.940656e-324	6.865164e-175
[22,]	1.333594e-219	4.940656e-324	2.599495e-160
[23,]	6.794787e+03	6.219233e+03	3.652536e+03
	F254_170828_002_H01	F254_160405_022_G01	F254_160405_017_B01
[1,]	3.682175e-85	2.131497e-177	2.578354e-146
[2,]	3.274061e-99	6.770854e-172	1.314042e-188
[3,]	3.551322e-67	8.006322e-142	2.080111e-170
[4,]	4.717338e-214	4.994241e-286	1.928365e-303
[5,]	2.367395e-251	4.940656e-324	5.764332e-296
[6,]	8.808971e-189	1.211090e-260	6.385803e-285
[7,]	3.793608e-192	3.498017e-250	4.435529e-294
[8,]	3.203913e-211	3.620452e-269	1.011642e-290
[9,]	1.506058e-204	1.014656e-281	8.961897e-300
[10,]	1.555146e-205	1.471774e-263	1.614925e-307
[11,]	1.167378e-164	2.347209e-216	1.151247e-276
[12,]	1.412834e-20	2.003163e-165	2.302082e-149
[13,]	3.244652e-158	4.140411e-223	7.551324e-251
[14,]	3.752099e-197	8.399390e-257	7.350169e-200
[15,]	1.893863e-101	1.741619e-192	7.439777e-180
[16,]	1.673563e+02	1.140632e-129	7.096770e-143
[17,]	1.949215e-147	2.527520e-240	3.646717e-298
[18,]	3.208469e-111	6.865624e-203	4.876810e-248
[19,]	5.553940e-78	1.703691e-145	1.002567e-141
[20,]	2.392279e-157	3.468144e-241	3.860451e-295
[21,]	2.930840e-191	2.846165e-245	2.258648e-293
[22,]	1.439089e-157	4.902065e-236	3.493936e-272
[23,]	2.533966e+03	8.648677e+03	6.400019e+03
	F254_160713_007_G01	F254_161110_001_H01	F254_160405_023_B01
[1,]	1.097517e-178	2.083498e-147	2.743368e-243
[2,]	2.753401e-168	2.561953e-144	8.503507e-125
[3,]	3.470648e-118	9.578857e-55	6.431044e-166
[4,]	2.236158e-283	6.908493e-234	2.580115e-258
[5,]	1.433999e-299	1.901425e-267	3.132376e-321
[6,]	3.106133e-274	1.761724e-235	9.180971e-214
[7,]	8.426144e-264	2.806264e-222	7.415592e-222
[8,]	2.898080e-266	2.162753e-233	3.297425e-239
[9,]	5.009880e-277	1.328227e-242	1.959572e-257
[10,]	6.452656e-288	1.588772e-232	2.413252e-228
[11,]	1.320876e-260	2.787100e-227	1.360089e-234
[12,]	3.056532e-165	2.141425e-80	2.117995e-222
[13,]	1.152359e-233	1.830969e-192	2.140012e-270
[14,]	1.084135e-270	4.270576e-235	2.485909e-236
[15,]	2.612462e-222	1.070915e-181	3.478372e-149
[16,]	5.917556e-61	7.724063e-124	1.084934e-164
[17,]	8.774173e-269	2.096774e-225	4.078556e-208
[18,]	1.216278e-231	6.242427e-200	3.010597e-125
[19,]	1.074175e-79	1.273016e-153	4.206063e-170
[20,]	1.808702e-276	1.650026e-225	9.752853e-208
[21,]	2.060644e-281	2.384348e-229	1.093134e-218
[22,]	1.190583e-274	2.019765e-222	2.329265e-242
[23,]	5.616154e+03	5.892642e+03	4.713439e+03
	F254_160405_002_C01	F254_170320_008_C01	F254_161110_002_G01
[1,]	5.905969e-161	2.401256e-43	3.730121e-86
[2,]	7.983445e-145	2.145518e-110	2.044788e-59
[3,]	7.970910e-106	3.716489e+02	3.703753e+02
[4,]	4.597074e-260	6.638313e-204	6.815877e-126
[5,]	1.741392e-244	7.993554e-218	2.618595e-172
[6,]	5.070696e-255	5.326431e-189	1.645821e-143
[7,]	5.140658e-257	2.474895e-197	6.199484e-143
[8,]	2.993078e-251	3.366948e-192	1.950198e-153
[9,]	1.564231e-264	1.720172e-199	7.000489e-156
[10,]	5.499602e-274	4.785508e-197	2.355587e-152
[11,]	2.705195e-226	3.814004e-167	6.689099e-130
[12,]	1.626801e-168	1.661990e-79	2.472042e-65
[13,]	2.422620e-178	2.415145e-137	5.515669e-149
[14,]	1.411450e-234	1.457536e-196	1.792563e-145
[15,]	3.462553e-187	8.866261e-81	1.610467e-91
[16,]	2.657054e-102	5.129966e-75	5.565318e-98
[17,]	4.084996e-221	3.539080e-202	1.936633e-127
[18,]	1.756380e-218	9.739843e-145	1.067990e-91
[19,]	2.173892e-112	4.074118e-05	2.102697e+01
[20,]	4.099345e-247	2.324605e-168	6.599277e-141
[21,]	7.358659e-242	1.987833e-183	2.332182e-138
[22,]	3.568779e-227	9.329364e-179	1.575473e-144
[23,]	7.024821e+03	8.032993e+03	8.171640e+03
	F254_160405_022_C01	F254_160405_022_H01	F254_160405_016_F01
[1,]	4.320909e-242	7.674648e-153	4.940656e-324
[2,]	3.573913e-246	1.379468e-143	1.733294e-193
[3,]	1.101213e-211	6.163646e-103	2.805996e-159
[4,]	4.940656e-324	1.288494e-225	1.225170e-293
[5,]	6.807311e-302	1.554713e-228	4.940656e-324
[6,]	4.940656e-324	4.984633e-204	1.349321e-298
[7,]	4.940656e-324	1.089758e-214	2.985207e-276
[8,]	4.940656e-324	6.177180e-223	5.479079e-254
[9,]	4.940656e-324	2.341494e-229	9.022711e-287
[10,]	4.940656e-324	1.560762e-218	6.344238e-265
[11,]	2.964394e-323	7.405581e-190	1.152721e-271
[12,]	3.521718e-274	4.130591e-140	5.605014e-237
[13,]	2.189218e-262	2.044668e-134	5.705646e-238
[14,]	4.940656e-324	3.236402e-207	1.636941e-260
[15,]	3.473391e-242	1.315279e-162	3.625492e-196
[16,]	1.138994e-203	1.132234e-121	6.765606e-122
[17,]	4.940656e-324	5.737794e-202	6.584898e-272
[18,]	1.955997e-307	1.145593e-164	9.317099e-220
[19,]	5.227048e-198	4.533236e-106	3.417375e-103
[20,]	4.940656e-324	4.819374e-193	6.992132e-270
[21,]	4.940656e-324	1.092501e-214	9.854411e-262



```
[22,]      8.497929e-322      5.376263e-198      1.703123e-280
[23,]      6.303714e+03      6.577209e+03      5.519873e+03
Error in `dplyr::mutate()` :
â”€ In argument: `weights_txt = dplyr::if_else(weights > 0.1,
round(weights, 2), NULL)`.
Caused by error in `dplyr::if_else()`:
! `false` must be a vector, not `NULL`.
Backtrace:
  â†’
  1. â”€â”€â”€SPOTlight::dot_plot_profiles_fun(h = h, train_cell_clust = nmf_mod[[2]])
  2. â”€, â”€â”€â”€â”€... %>% ggplot2::ggplot(aes(x = id, y = topics))
  3. â”€â”€â”€ggplot2::ggplot(., aes(x = id, y = topics))
  4. â”€â”€â”€dplyr::mutate(...)
  5. â”€â”€â”€dplyr::mutate.data.frame(...)
  6. â”€, â”€â”€â”€dplyr::mutate_cols(.data, dplyr_quosures(...), by)
  7. â”€, â”€â”€â”€base::withCallingHandlers(...)
  8. â”€, â”€â”€â”€dplyr::mutate_col(dots[[1]], data, mask, new_columns)
  9. â”€, â”€â”€â”€mask$eval_all_mutate(quo)
 10. â”€, â”€â”€â”€dplyr (local) eval()
 11. â”€â”€â”€dplyr::if_else(weights > 0.1, round(weights, 2), NULL)
 12. â”€, â”€â”€â”€dplyr::vec_case_when(...)
 13. â”€, â”€â”€â”€vctrs::list_check_all_vectors(values, arg = values_arg, call = call)
 14. â”€â”€â”€vctrs:::stop_scalar_type(<fn>(NULL), "false", `<env>`)
 15. â”€â”€â”€vctrs:::stop_vctrs(...)
 16. â”€â”€â”€lang::abort(message, class = c(class, "vctrs_error"), ..., call = call)
Execution halted
```