平面角邊混和平差計算程式：[wtrv.exe] 2023.01.01.A 版

作業計畫名稱：113新北市板橋區三圖圖根網形平差成果表

TM 坐標系統地球原子 :

橢球長半徑 ..... 6378137 (M)
扁　率 1/298.257222101
坐標原點西移量 ..... 250000 (M)
中央子午線位置 ..... 121 度
中央子午線尺度比 0.9999
測區中央近似緯度 25-00-58.7

★★★ 第 1 次平差成果 (第 0 次觀測量後驗變方分析調整平差成果) ★★★

角度　觀測量個數.... 1420
距離　觀測量個數.... 1035
方位角觀測量個數.... 0
總觀測量個數 2455
網形尺度參數 1.00001165
後驗單位權中誤差 1.007058
總多餘觀測數 ..... 1386.00 (含已知點 : 1386.00)
平均多餘觀測數 0.56
已知點數目..... 63
未知點數目..... 534
總點數..... 597

組別(i)		先驗精度	後驗精度	後驗/先驗	S0(i)/S0
觀測量組別	1	0.00600	0.00450	0.75	0.75
觀測量組別	2	9.00000	10.68188	1.19	1.18
已知點組別	1	0.00001	0.00002	1.58	

觀測量平差成果及可靠度分析

判斷 : .. 正常
　　1. 個別多餘數 < 0.2
　　.R 標準化改正數 > 3
　　1R 個別多餘數 < 0.2 且標準化改正數 > 3
　　 # 角度改正數超過 20 秒
　　 $ 距離改正數超過 2 公分或比值 > 1/3000
　　 $! 距離改正數低於 2 公分惟比值 > 1/3000

項次	後視	測站	前視	觀測量	精度	改正數	投影改正	標準化改正數	個別多餘數	判斷
1	BN207	G315	GD02	25.4435	9.06	18.01	0.221	2.2	0.83	..
2	HN208	G315	BN207	168.4007	9.06	-5.77	0.038	0.8	0.59	..
3	BN207	G315	BN014-1	32.5418	9.06	-12.17	0.040	1.4	0.86	..
4	GH89	GH87	BN235	20.5424	9.06	16.65	0.003	1.9	0.96	..
5	GH89	GH87	BN240	265.2000	9.06	11.14	0.043	1.3	0.83	..
6	GH89	GH87	BN241	250.2921	9.06	16.70	0.042	2.0	0.87	..
7	GH89	GH87	BN238	279.1807	9.06	13.71	0.054	1.5	0.98	..
8	GH89	GH87	BN243	242.2338	9.06	12.06	0.044	1.4	0.93	..
9	GH89	GH87	BN242	240.5043	9.06	13.25	0.041	1.5	0.91	..
10	GH89	GF49	BN366	164.4418	9.06	2.17	0.137	0.2	0.99	..
11	GH89	GF49	BN386	155.4827	9.06	1.49	0.145	0.2	0.95	..
12	GH89	GF49	BNI100	171.5315	9.06	1.99	0.126	0.2	0.95	..
13	GH89	GF49	BN396	257.1835	9.06	-5.94	0.115	0.8	0.65	..
14	GH89	GF49	BN393	256.3042	9.06	10.40	0.119	1.3	0.83	..
15	F194	GD02	BN201	1.4831	9.06	-1.42	0.018	0.2	0.99	..
16	F194	GD02	BN202	0.5412	9.06	-11.63	0.031	1.3	0.98	..
17	GD05	GD04	BN355	234.5935	9.06	-11.65	-0.071	1.4	0.90	..
18	GD05	GD04	BN358	227.0552	9.06	-18.56	-0.075	2.2	0.89	..
19	GD05	GD04	BN292	231.3222	9.06	-18.81	-0.073	2.1	0.96	..
20	GF51	GF01	BN331	331.1636	9.06	11.01	0.019	1.9	0.41	..
21	GF51	GF01	HN329	212.5942	9.06	-0.46	0.030	0.1	0.72	..
22	GF51	GF01	BN508	217.4434	9.06	0.14	0.047	0.0	0.92	..
23	GF51	GF01	BN350	111.5053	9.06	-1.67	0.005	0.2	0.99	..
24	GH89	GH88	BN209	346.5548	9.06	5.98	-0.021	0.7	0.85	..
25	GH89	GH88	BN087	192.1452	9.06	-9.55	-0.050	1.1	0.94	..
26	GH89	GH88	BN002	192.0742	9.06	-15.49	-0.052	1.8	0.95	..
27	HL001	HK211	BN209	42.4626	9.06	-4.65	-0.003	0.9	0.30	..
28	BL008	HK195	BN235	237.1313	9.06	2.35	0.009	0.3	0.67	..
29	BL008	HK195	HN226	127.2846	9.06	0.45	-0.008	0.1	0.81	..
30	BL008	HK195	HN179	148.2745	9.06	-2.68	-0.001	0.4	0.66	..
31	BL008	HK195	HN181	212.3601	9.06	2.97	0.011	0.4	0.84	..
32	HN181	HK194	HK193	147.1136	9.06	-13.35	0.018	1.9	0.63	..
33	HN181	HK194	HN170	75.1200	9.06	-1.52	0.003	0.2	0.55	..
34	BK192	BK190	BN236	190.5825	9.06	15.78	0.016	2.0	0.76	..
35	BK209	BK208	HN448	0.3552	9.06	3.25	0.002	0.5	0.55	..
36	BK204	BK208	HN448	169.2212	9.06	0.21	-0.005	0.0	0.55	..
37	BK208	BK209	BN509	156.3024	9.06	5.58	-0.012	0.7	0.75	..
38	BK208	BK209	BN510	185.0550	9.06	-9.14	-0.006	1.1	0.82	..
39	BK208	BK209	BN441	163.4546	9.06	0.21	-0.011	0.0	0.82	..

40	BK208	BK204	HN491	356.4354	9.06	-16.49	0.004	2.1	0.72	..
41	HK202	BK204	HN491	214.0422	9.06	-5.71	-0.005	0.7	0.72	..
42	HK197	HK198	BN394	250.2359	9.06	-3.40	-0.002	0.4	0.76	..
43	HK199	HK200	BN492	162.5214	9.06	6.20	-0.013	0.7	0.96	..
44	HK199	HK200	BN475	256.2953	9.06	7.83	-0.002	1.1	0.66	..
45	HK201	HK200	BN475	80.0850	9.06	1.49	0.008	0.2	0.66	..
46	HK200	HK201	BN492	113.5941	9.06	-4.04	-0.007	0.5	0.75	..
47	HK202	HK201	BN492	298.1257	9.06	-1.77	0.000	0.2	0.75	..
48	BK204	HK202	BN492	234.1014	9.06	12.97	0.005	1.7	0.69	..
49	HK201	HK202	BN492	29.0209	9.06	-17.22	-0.003	2.3	0.69	..
50	BI105	BI104	BN390	265.0504	9.06	1.16	0.002	0.1	0.75	..
51	BN511	BI097	BI101	99.3608	9.06	-15.67	-0.000	1.8	0.92	..
52	BN511	BI097	HI096	277.3323	9.06	-17.99	0.013	2.1	0.92	..
53	BN511	BI097	HN354	222.3159	9.06	-13.76	0.017	2.2	0.50	..
54	BN511	BI097	BN367	99.4345	9.06	-15.99	0.004	1.9	0.83	..
55	BN389	BI098	GF49	242.4128	9.06	-13.08	-0.023	1.7	0.76	..
56	HI108	BI098	BN389	232.2507	9.06	12.75	0.006	1.6	0.76	..
57	HI108	BI098	BN392	50.5600	9.06	11.78	-0.003	1.7	0.62	..
58	HI108	BI098	BN399	136.0142	9.06	-3.89	-0.003	0.5	0.63	..
59	BI097	BI101	BN366	299.3824	9.06	14.79	-0.008	2.1	0.63	..
60	BNI100	BI101	BI097	278.1326	9.06	-0.65	0.019	0.1	0.91	..
61	BI097	BI101	BN367	359.5039	9.06	-2.81	-0.005	0.3	0.85	..
62	BNI100	BI101	BN366	217.5200	9.06	4.14	0.011	0.6	0.61	..
63	BNI100	BI101	BN368	341.3435	9.06	8.12	0.008	1.1	0.67	..
64	B98209	BI095	HN354	106.2622	9.06	17.14	-0.017	2.0	0.92	..
65	B98209	BI095	BN311	266.4832	9.06	11.50	-0.003	1.4	0.83	..
66	B98209	BI095	BN363	175.4622	9.06	11.58	-0.022	1.4	0.78	..
67	BN248	GPJ03	PJ01	344.5226	9.06	-5.56	0.002	0.8	0.65	..
68	BN248	GPJ03	BN420	99.1317	9.06	9.22	-0.006	1.4	0.51	..
69	BN248	GPJ03	BN299	187.4100	9.06	-10.64	0.003	1.8	0.45	..
70	BN443	GPJ03	BN420	1.1728	9.06	7.19	0.002	0.8	0.90	..
71	FH96261	FH96260	BN414	250.2704	9.06	6.90	-0.015	1.1	0.50	..
72	FH96261	FH96260	HN413	182.1709	9.06	-4.29	-0.023	0.6	0.71	..
73	FH96453	FH96452	BN415	233.1409	9.06	-18.73	0.006	2.5	0.66	..
74	FH96453	FH96452	HN409-1	185.5622	9.06	1.76	-0.000	0.3	0.45	..
75	FH96452	FH96453	BN404	166.0012	9.06	11.45	0.002	1.5	0.75	..
76	B96033	FH98326	FH98327	2.1404	9.06	-8.29	-0.004	1.0	0.91	..
77	B96033	FH98326	BN3225	187.1523	9.06	-17.73	-0.022	2.7	0.54	..
78	B96033	FH98327	FH98326	185.2841	9.06	9.01	-0.011	1.5	0.41	..
79	BI097	HI096	HN354	72.2520	9.06	11.51	0.008	1.4	0.77	..
80	BI097	HI096	BN343	174.0239	9.06	-17.21	0.009	2.1	0.82	..
81	BNI058	HI056	HI093	131.3649	9.06	-3.38	-0.000	0.5	0.66	..
82	BNI058	HI056	BN343	301.5403	9.06	-5.96	-0.006	0.8	0.60	..
83	HI092	HI093	BN343	216.0555	9.06	11.74	-0.013	1.4	0.92	..
84	BN347	HI092	HI093	178.3808	9.06	-16.42	-0.012	1.9	0.88	..
85	BN347	HI092	HN345	276.4919	9.06	-18.32	-0.003	3.1	0.43	.R
86	HI092	HI091	BN350	198.3604	9.06	3.15	0.013	0.4	0.71	..
87	HI092	HI091	BN347	357.1253	9.06	15.61	0.004	1.8	0.91	..
88	HI092	HI091	BN351	203.5517	9.06	-3.56	0.018	0.4	0.81	..
89	HI092	HI091	BN349	123.5729	9.06	-9.00	0.014	1.3	0.58	..
90	BN313	FH98346	FH98347	57.3137	9.06	-3.55	0.008	0.4	0.89	..
91	FH98347	FH98348	BN301	355.2658	9.06	0.25	-0.002	0.0	0.37	..
92	FH98347	FH98348	BN302	185.1935	9.06	-10.55	-0.006	1.2	0.93	..
93	FB98204	FB98203	BN302	182.1806	9.06	11.47	0.007	1.4	0.86	..
94	FB98203	FB98204	BN303	170.4720	9.06	-5.11	-0.010	0.7	0.72	..
95	FB98203	FB98204	BN304	172.0253	9.06	3.00	-0.015	0.4	0.82	..
96	BN339	BI094	B98208	61.1602	9.06	-18.62	0.001	2.3	0.78	..
97	BN339	BI094	BN308	254.3503	9.06	8.07	0.010	1.5	0.35	..
98	BI094	B98208	BN309	207.5018	9.06	-12.30	-0.009	1.6	0.75	..
99	BN309	B98209	BI095	165.2204	9.06	-0.10	-0.014	0.0	0.93	..
100	BN309	B98209	B98210	205.2046	9.06	2.07	-0.008	0.2	0.93	..
101	B98209	B98210	BN310	207.4312	9.06	14.44	-0.002	1.9	0.72	..
102	G315	BN207	BN014-1	229.1611	9.06	1.83	0.056	0.2	0.68	..
103	G315	BN207	BN206	175.2624	9.06	1.24	0.026	0.2	0.57	..
104	HN001	HN208	G315	268.1858	9.06	-3.81	0.016	0.6	0.49	..
105	G315	BN014-1	BN206	34.5733	9.06	1.48	0.026	0.2	0.82	..
106	G315	BN014-1	HN010	329.3616	9.06	7.93	0.045	1.0	0.82	..
107	G315	BN014-1	HN012	314.3812	9.06	17.09	0.052	2.3	0.66	..
108	G315	BN014-1	BN014	216.3006	9.06	-2.82	0.060	0.4	0.62	..
109	G315	BN014-1	HN013	290.3555	9.06	12.57	0.055	2.0	0.49	..
110	GH87	BN235	BN180	298.3526	9.06	-5.16	-0.018	0.7	0.66	..
111	HK195	BN235	HN181	127.4521	9.06	2.19	0.009	0.4	0.41	..
112	HK195	BN235	BN180	78.5334	9.06	-7.85	0.001	1.2	0.56	..
113	GH87	BN240	BN241	76.5411	9.06	2.67	0.027	0.4	0.64	..
114	BN241	BN240	BN242	357.1053	9.06	1.98	-0.001	0.2	0.92	..
115	BN241	BN240	BN239	208.2133	9.06	2.10	-0.001	0.4	0.30	..
116	GH87	BN241	BN242	84.3042	9.06	7.02	0.025	1.0	0.60	..
117	BN242	BN241	BN240	187.1351	9.06	7.09	0.002	1.1	0.49	..
118	BN242	BN241	BN243	38.0227	9.06	0.57	0.003	0.2	0.16	1.
119	GH87	BN238	BN237	334.1535	9.06	-3.03	0.033	0.4	0.81	..
120	BN237	BN238	HK186	1.2500	9.06	-17.25	-0.004	2.2	0.75	..
121	BN237	BN238	BN236	3.5030	9.06	-5.95	-0.007	0.7	0.84	..
122	BN237	BN238	BN509	166.2103	9.06	4.78	0.015	0.7	0.59	..
123	BN237	BN238	BN510	173.4956	9.06	4.31	0.021	0.6	0.61	..
124	GH87	BN243	BN244	163.0011	9.06	2.34	0.037	0.3	0.61	..
125	BN127	BN243	BN242	354.3355	9.06	17.43	0.010	2.4	0.65	..
126	BN127	BN243	BN244	144.1048	9.06	15.03	0.021	2.2	0.55	..
127	GH87	BN242	BN127	22.0211	9.06	6.06	0.015	0.8	0.74	..

128	BN127	BN242	BN241	252.0713	9.06	0.40	0.011	0.1	0.56	..
129	BN127	BN242	BN243	172.5411	9.06	-11.51	0.013	2.0	0.40	..
130	GF49	BN366	BN369	79.1154	9.06	-2.96	0.025	0.4	0.72	..
131	HN365	BN366	BI101	217.4052	9.06	-18.19	-0.004	2.6	0.59	..
132	HN365	BN366	BNI100	182.5025	9.06	3.15	-0.013	0.4	0.75	..
133	HN365	BN366	BN369	271.2234	9.06	-6.58	-0.005	0.9	0.68	..
134	HN365	BN366	HN370	263.3223	9.06	-0.29	-0.007	0.0	0.72	..
135	HN365	BN366	HN476	190.0325	9.06	10.86	-0.016	1.4	0.73	..
136	GF49	BN386	BN361	261.1629	9.06	-5.52	0.040	0.8	0.56	..
137	BN361	BN386	BN387	97.3754	9.06	-2.16	-0.007	0.4	0.40	..
138	GF49	BNI100	BN368	168.1322	9.06	5.77	0.025	0.8	0.70	..
139	BI101	BNI100	BN511	96.4227	9.06	-3.42	0.000	0.5	0.64	..
140	BI101	BNI100	BN368	7.4415	9.06	16.30	-0.002	1.9	0.88	..
141	BI101	BNI100	HN476	237.3805	9.06	6.81	-0.012	0.9	0.72	..
142	BI101	BNI100	HN477	299.3513	9.06	2.63	-0.011	0.4	0.52	..
143	BI101	BNI100	HN400	209.1226	9.06	6.38	-0.015	1.0	0.52	..
144	GF49	BN396	BN395	356.0946	9.06	5.16	0.000	0.7	0.61	..
145	GF49	BN393	BN392	77.4044	9.06	8.17	0.014	1.1	0.69	..
146	BN390	BN393	BN396	93.4005	9.06	-8.82	-0.000	2.3	0.18	1.
147	BN390	BN393	BN392	172.5355	9.06	-5.10	0.008	0.9	0.41	..
148	BN203	BN201	BN202	181.4927	9.06	-2.22	0.036	0.4	0.37	..
149	GD02	BN202	F194	176.1911	9.06	-1.24	-0.128	0.2	0.60	..
150	GD02	BN202	BN201	187.5010	9.06	1.37	-0.111	0.2	0.46	..
151	GD04	BN355	BN356	345.4749	9.06	-0.97	0.002	0.1	0.69	..
152	BN358	BN355	BN292	71.1943	9.06	-7.63	0.002	1.3	0.41	..
153	BN358	BN355	BN356	248.4602	9.06	7.19	0.005	1.2	0.44	..
154	GD04	BN358	BN359	100.3118	9.06	13.59	-0.015	1.8	0.73	..
155	BN355	BN358	BN357	81.0248	9.06	-0.29	-0.003	0.0	0.49	..
156	BN357	BN358	BN359	94.3319	9.06	-3.88	-0.013	0.6	0.59	..
157	GD04	BN292	BN291	171.1238	9.06	12.64	-0.003	1.8	0.63	..
158	BN355	BN292	BN291	179.2422	9.06	-5.73	-0.003	1.0	0.41	..
159	BN332	BN331	GF01	301.1556	9.06	-19.15	-0.006	2.9	0.53	..
160	BN332	BN331	BN330	355.5013	9.06	-6.95	0.007	0.8	0.85	..
161	GF01	HN329	HN333	4.0236	9.06	-6.22	0.002	0.9	0.63	..
162	GF01	HN329	BN330	266.5332	9.06	-7.39	0.014	1.0	0.64	..
163	GF01	HN329	BN328	93.0634	9.06	5.66	0.006	0.8	0.60	..
164	BN330	HN329	HN333	97.0859	9.06	6.17	-0.011	0.9	0.56	..
165	BN330	HN329	BN328	186.1315	9.06	0.05	-0.008	0.0	0.54	..
166	GF01	BN508	BN301	352.5136	9.06	-6.75	0.025	0.9	0.65	..
167	GF01	BN350	HI091	169.5109	9.06	4.93	-0.017	0.7	0.62	..
168	GF01	BN350	BN351	357.2302	9.06	-6.77	-0.008	0.9	0.68	..
169	BN351	BN350	HI091	172.2828	9.06	-9.30	-0.008	1.4	0.52	..
170	GH88	BN209	BN210	32.5331	9.06	6.86	0.013	0.9	0.69	..
171	GH88	BN209	BN211	31.1817	9.06	-4.55	0.012	0.6	0.80	..
172	GH88	BN087	BN002	178.4945	9.06	-4.00	-0.017	0.5	0.71	..
173	GH88	BN087	BN218	358.4502	9.06	7.48	-0.012	0.9	0.77	..
174	GH88	BN087	HN086	293.5827	9.06	6.91	-0.009	1.0	0.61	..
175	BN218	BN087	BN002	180.0422	9.06	9.52	-0.005	1.4	0.59	..
176	BN218	BN087	HN086	295.1325	9.06	-0.57	0.003	0.1	0.57	..
177	GH88	BN002	BN087	358.5706	9.06	-9.07	-0.015	1.1	0.76	..
178	GH88	BN002	HN001	99.3741	9.06	5.76	-0.021	0.7	0.73	..
179	GH88	BN002	BN003	257.0247	9.06	-6.22	-0.014	0.8	0.69	..
180	HN001	BN002	BN087	259.1906	9.06	4.18	0.006	0.6	0.65	..
181	HN001	BN002	BN218	259.1612	9.06	1.69	0.010	0.2	0.71	..
182	HN001	BN002	BN003	157.2458	9.06	-3.98	0.007	0.5	0.65	..
183	HN233	HN226	HK195	275.3252	9.06	0.49	0.016	0.1	0.48	..
184	HN233	HN226	BN225	106.3645	9.06	11.87	0.003	1.8	0.52	..
185	HN233	HN226	HN227	101.5418	9.06	-7.75	-0.000	1.1	0.66	..
186	BN183	HN179	HK195	201.5939	9.06	6.80	0.014	1.1	0.45	..
187	BN183	HN179	HN178	21.2811	9.06	1.24	0.010	0.2	0.60	..
188	HN182	HN181	HK195	260.5523	9.06	1.12	-0.005	0.2	0.63	..
189	HN182	HN181	HK193	105.5705	9.06	-14.41	0.021	1.9	0.74	..
190	HN182	HN181	HK194	132.0745	9.06	-8.71	0.007	1.3	0.55	..
191	HN182	HN181	BN235	233.1800	9.06	-1.31	0.001	0.2	0.46	..
192	HN120	HN170	HK194	192.5016	9.06	6.53	0.004	1.1	0.41	..
193	HN120	HN170	BN174	295.3806	9.06	-9.92	-0.006	1.4	0.63	..
194	HN120	HN170	HN171	283.5850	9.06	5.38	-0.002	0.8	0.55	..
195	BN237	BN236	BK189	317.3944	9.06	-2.72	-0.003	0.5	0.31	..
196	BN237	BN236	BK190	204.4649	9.06	-7.28	-0.014	1.3	0.39	..
197	BN237	BN236	BN239	264.2152	9.06	5.57	-0.007	0.9	0.50	..
198	HN449	HN448	BK208	83.0609	9.06	-1.73	-0.000	0.4	0.18	1.
199	BN238	BN509	BK209	231.2404	9.06	2.78	0.019	0.4	0.65	..
200	BN238	BN509	BN510	200.1804	9.06	-1.49	0.016	0.2	0.53	..
201	BN238	BN509	BN460	211.4452	9.06	15.00	0.025	1.9	0.74	..
202	BK209	BN510	BN509	120.1900	9.06	-15.55	-0.009	2.4	0.53	..
203	BK209	BN510	BN441	131.1344	9.06	-12.86	-0.008	2.0	0.49	..
204	BK209	BN510	BN460	318.5354	9.06	-0.41	0.006	0.1	0.67	..
205	BK209	BN510	BN514	299.3031	9.06	9.38	0.003	1.3	0.60	..
206	BK209	BN510	HN437	172.5158	9.06	6.60	-0.010	0.9	0.63	..
207	HN437	BN441	BK209	141.4724	9.06	-11.17	0.010	1.5	0.66	..
208	HN437	BN441	BN510	114.2026	9.06	12.63	0.007	1.9	0.57	..
209	HN437	BN441	BN440	336.5829	9.06	4.55	-0.010	0.6	0.81	..
210	HN437	BN441	BN460	119.2058	9.06	4.00	0.016	0.5	0.75	..
211	HN437	BN441	HN447	66.5237	9.06	-6.64	0.008	1.1	0.42	..
212	BK204	HN491	HN448	181.5852	9.06	-13.15	-0.005	1.8	0.67	..
213	BK204	HN491	HN467	260.0036	9.06	-8.34	0.009	1.4	0.42	..
214	HK198	BN394	HN397	201.3810	9.06	-7.43	0.013	1.0	0.71	..
215	HK198	BN394	BNI125	199.2244	9.06	-0.36	0.015	0.0	0.74	..

216	HK198	BN394	BN395	192.4537	9.06	-7.03	0.008	1.0	0.65	..
217	HK198	BN394	HN391	288.1503	9.06	1.95	0.008	0.3	0.47	..
218	HK201	BN492	HK200	52.3139	9.06	-5.10	0.004	0.7	0.75	..
219	HK201	BN492	HK202	270.4851	9.06	5.54	-0.003	0.8	0.56	..
220	HK201	BN492	BN471	336.5259	9.06	-6.79	0.005	1.0	0.53	..
221	HK200	BN475	BN450	185.5309	9.06	4.80	0.010	0.7	0.65	..
222	HK200	BN475	BN474	189.4558	9.06	5.78	0.007	0.9	0.50	..
223	BI104	BN390	BN393	171.5537	9.06	-9.09	0.010	1.7	0.36	..
224	BI104	BN390	HN391	80.4420	9.06	1.39	-0.000	0.2	0.52	..
225	BI097	BN511	BNI100	278.0500	9.06	-9.45	-0.019	1.2	0.72	..
226	BI097	BN511	BN389	183.5440	9.06	17.46	-0.013	2.5	0.57	..
227	HI096	HN354	BI095	190.2205	9.06	2.39	0.012	0.4	0.46	..
228	HI096	HN354	HN342	284.1932	9.06	-13.41	0.010	2.1	0.52	..
229	BI097	BN367	BI101	179.4255	9.06	4.50	-0.009	0.7	0.51	..
230	BI097	BN367	BN369	182.0959	9.06	-13.53	-0.011	1.9	0.63	..
231	BN511	BN389	HI108	156.4314	9.06	-2.18	-0.009	0.3	0.67	..
232	BN511	BN389	BI098	190.2540	9.06	-2.94	-0.008	0.4	0.62	..
233	BN511	BN389	BN392	189.4007	9.06	2.42	-0.012	0.3	0.72	..
234	HN398	BN392	BI098	95.2411	9.06	-7.28	0.011	1.2	0.44	..
235	HN398	BN392	BN393	265.4431	9.06	4.26	0.002	0.7	0.51	..
236	BI098	BN399	BNI125	171.2205	9.06	3.93	-0.012	0.8	0.32	..
237	BNI100	BN368	BI101	153.5005	9.06	6.82	0.010	1.1	0.44	..
238	BNI100	BN368	HN476	9.3232	9.06	1.05	-0.002	0.1	0.80	..
239	BNI100	BN368	BN478	70.3506	9.06	-5.11	-0.001	0.7	0.68	..
240	BI095	BN311	BN310	318.5035	9.06	7.21	0.007	1.0	0.58	..
241	BI095	BN311	BN357	115.3359	9.06	7.15	0.002	1.0	0.61	..
242	BI095	BN311	BN356	152.3503	9.06	2.35	0.007	0.3	0.75	..
243	BI095	BN311	BN312	171.2803	9.06	4.13	0.010	0.6	0.61	..
244	BI095	BN363	HN364	125.3813	9.06	2.93	-0.016	0.6	0.32	..
245	BI095	BN363	BN362	201.4747	9.06	-3.93	-0.018	0.6	0.52	..
246	BN295	BN248	GPJ03	206.5130	9.06	-11.47	-0.000	2.1	0.36	..
247	BN295	BN248	HN451	92.2224	9.06	8.06	-0.006	1.5	0.33	..
248	BN433	BN443	GPJ03	204.3639	9.06	-7.27	0.011	1.0	0.66	..
249	BN433	BN443	BN420	201.5948	9.06	3.36	0.004	0.5	0.49	..
250	BN433	BN443	HN432	9.1913	9.06	11.16	-0.002	1.5	0.70	..
251	BN433	BN443	HN444	302.3911	9.06	17.56	0.002	3.4	0.32	.R
252	HN432	BN420	GPJ03	191.0238	9.06	-10.31	0.013	1.6	0.50	..
253	HN432	BN420	BN443	7.0824	9.06	-11.88	0.004	1.6	0.71	..
254	HN432	BN420	HN451	257.4451	9.06	-12.64	0.007	2.1	0.43	..
255	BN300	BN299	GPJ03	72.4517	9.06	6.31	-0.011	1.0	0.45	..
256	BN300	BN299	HN022	197.4744	9.06	-3.19	-0.015	0.5	0.47	..
257	FH96260	BN414	HN413	101.3324	9.06	14.71	-0.009	2.3	0.51	..
258	FH96260	BN414	BN269	28.0955	9.06	-7.22	-0.001	1.1	0.52	..
259	HN413	BN414	BN269	286.3558	9.06	11.07	0.008	1.6	0.58	..
260	HN412	HN413	FH96261	178.4718	9.06	3.75	0.034	0.5	0.78	..
261	HN412	HN413	FH96260	180.1121	9.06	4.34	0.021	0.6	0.63	..
262	HN412	HN413	BN414	169.5520	9.06	-9.76	0.020	1.4	0.55	..
263	BN270	BN415	FH96452	250.1917	9.06	7.41	-0.000	1.1	0.60	..
264	BN270	BN415	HN409-1	267.2726	9.06	14.50	-0.000	2.0	0.62	..
265	BN270	BN415	HN409	257.5152	9.06	18.40	-0.006	2.3	0.77	..
266	HN409	HN409-1	FH96452	313.3611	9.06	-6.90	0.006	1.1	0.48	..
267	HN409	HN409-1	BN415	198.0202	9.06	-15.29	0.013	2.5	0.45	..
268	HN409	HN409-1	BN404	303.4124	9.06	1.17	0.008	0.1	0.76	..
269	HN409	HN409-1	HN410	8.5517	9.06	3.34	-0.007	0.4	0.87	..
270	FH96453	BN404	FH96452	8.2428	9.06	-1.51	-0.000	0.2	0.90	..
271	FH96453	BN404	HN409-1	10.0129	9.06	-7.63	-0.000	0.9	0.87	..
272	FH96453	BN404	BPJ05	196.3705	9.06	9.41	0.002	1.3	0.66	..
273	FH96453	BN404	BN403	203.0818	9.06	11.48	0.001	1.6	0.62	..
274	BN408	B96033	FH98326	99.0144	9.06	3.88	-0.012	0.5	0.62	..
275	BN408	B96033	FH98327	95.4654	9.06	-0.42	-0.006	0.1	0.51	..
276	FH98326	BN3225	BN278	127.4605	9.06	-8.33	-0.016	1.3	0.47	..
277	HI056	BN343	HI096	170.2409	9.06	8.91	-0.010	1.6	0.36	..
278	HI056	BN343	HI093	3.0143	9.06	8.11	0.001	0.9	0.98	..
279	HI056	BNI058	BN344	291.1653	9.06	-4.69	0.007	0.7	0.55	..
280	HI056	BNI058	HN341	230.0056	9.06	3.85	0.006	0.7	0.38	..
281	HI091	BN347	HI093	185.1822	9.06	-7.26	-0.017	0.9	0.82	..
282	HI091	BN347	HI092	186.0846	9.06	4.23	-0.010	0.6	0.61	..
283	HI091	BN347	HN345	208.4852	9.06	-3.14	-0.009	0.5	0.55	..
284	HI091	BN347	BN348	286.3229	9.06	2.26	-0.001	0.3	0.55	..
285	HI091	BN347	BN344	208.4409	9.06	-16.92	-0.011	2.2	0.75	..
286	HN346	HN345	HI092	160.1509	9.06	15.78	-0.004	2.8	0.37	..
287	HN346	HN345	BN347	86.0620	9.06	2.74	0.001	0.5	0.44	..
288	HN346	HN345	BN344	265.5520	9.06	-9.87	-0.005	1.8	0.38	..
289	BN350	BN351	HI091	357.4724	9.06	0.98	-0.003	0.1	0.95	..
290	BN350	BN351	BN335	98.2113	9.06	3.90	0.012	0.6	0.52	..
291	HI091	BN349	BN336	195.1344	9.06	-1.38	0.008	0.3	0.35	..
292	HI091	BN349	BN348	74.2920	9.06	3.18	-0.001	0.6	0.36	..
293	BN330	BN313	BI066	123.1323	9.06	0.85	0.006	0.3	0.10	l.
294	BN330	BN313	FH98346	152.0059	9.06	-7.09	0.016	1.0	0.57	..
295	BN330	BN313	HN314	72.0226	9.06	1.57	0.003	0.2	0.51	..
296	BN508	BN301	FH98348	247.4752	9.06	-0.57	-0.004	0.1	0.46	..
297	BN508	BN301	BN302	255.0953	9.06	-6.90	-0.007	1.0	0.59	..
298	BN508	BN301	BN315	193.3632	9.06	1.50	-0.009	0.3	0.38	..
299	FB98203	BN302	FH98348	177.0510	9.06	4.72	0.005	0.7	0.60	..
300	FB98203	BN302	BN301	174.3435	9.06	8.21	0.006	1.1	0.65	..
301	FB98203	BN302	BN317	277.5927	9.06	1.50	-0.002	0.2	0.50	..
302	FB98204	BN303	BN304	182.2829	9.06	4.36	-0.009	0.8	0.40	..
303	FB98204	BN303	HN321	101.5556	9.06	-4.66	-0.007	0.8	0.46	..

304	FB98204	BN303	HN320	94.1756	9.06	-7.55	-0.009	1.0	0.64	..
305	BN303	BN304	BN305	173.0716	9.06	2.07	-0.009	0.4	0.31	..
306	BN338	BN339	BI094	276.2729	9.06	-12.36	0.004	1.9	0.50	..
307	BN338	BN339	HN346	91.3805	9.06	0.22	-0.010	0.0	0.50	..
308	BN338	BN339	BN340	161.2920	9.06	-3.90	-0.009	0.6	0.45	..
309	BN307	BN308	BI094	164.2423	9.06	-2.65	-0.004	0.6	0.26	..
310	B98209	BN309	B98208	179.4515	9.06	1.98	0.008	0.3	0.42	..
311	B98209	BN309	BN353	273.0631	9.06	11.28	0.000	1.9	0.41	..
312	B98210	BN310	BN311	157.5719	9.06	-3.90	0.000	0.6	0.47	..
313	B98210	BN310	BN357	142.1749	9.06	6.39	-0.004	0.8	0.72	..
314	B98210	BN310	BN356	168.4949	9.06	1.68	0.001	0.2	0.68	..
315	HN234	BN210	BN209	124.4002	9.06	-0.19	-0.003	0.0	0.44	..
316	HN234	BN210	BN211	299.4442	9.06	-6.41	-0.006	0.9	0.65	..
317	HN234	BN210	BN212	295.5309	9.06	-8.86	-0.008	1.2	0.66	..
318	BN210	BN211	BN209	3.2012	9.06	-11.19	0.002	1.5	0.70	..
319	BN210	BN211	BN212	172.3112	9.06	2.24	-0.003	0.4	0.38	..
320	BN210	BN211	HN233	258.0509	9.06	-4.04	0.004	0.6	0.54	..
321	BN210	HN234	HN233	103.5110	9.06	14.96	0.004	2.2	0.55	..
322	BN210	HN234	HN232	103.4938	9.06	-0.40	0.003	0.1	0.66	..
323	BN231	BN212	BN210	112.2054	9.06	-0.13	0.001	0.0	0.63	..
324	BN231	BN212	BN211	108.4344	9.06	-0.44	-0.000	0.1	0.53	..
325	BN231	BN212	HN213	268.3309	9.06	-1.80	-0.010	0.3	0.35	..
326	BN211	HN233	HN226	162.4604	9.06	4.74	0.010	0.8	0.44	..
327	BN211	HN233	HN234	266.0156	9.06	-11.59	0.006	1.9	0.46	..
328	BN211	HN233	HN232	85.5726	9.06	2.63	0.004	0.4	0.43	..
329	HN233	HN232	HN234	0.0233	9.06	-4.57	0.002	0.6	0.71	..
330	HN233	HN232	BN231	159.2537	9.06	5.04	-0.005	1.0	0.31	..
331	BN212	BN231	HN232	259.4050	9.06	-5.05	0.006	1.0	0.33	..
332	BN212	BN231	BN230	157.4029	9.06	7.68	0.003	1.6	0.28	..
333	HN214	HN213	BN212	153.3930	9.06	-3.28	0.009	0.6	0.34	..
334	HN214	HN213	HN224	61.0128	9.06	1.14	0.010	0.2	0.49	..
335	BN230	BN225	HN226	279.1206	9.06	-9.47	0.010	1.6	0.44	..
336	BN230	BN225	HN227	88.2339	9.06	11.62	0.004	1.9	0.46	..
337	BN230	BN225	BN183	111.0225	9.06	4.90	0.006	0.9	0.40	..
338	BN183	HN227	HN226	78.5911	9.06	4.84	0.004	0.6	0.69	..
339	BN183	HN227	BN225	72.5405	9.06	-8.45	0.001	1.3	0.52	..
340	BN183	HN227	HN224	241.4334	9.06	-0.56	-0.007	0.1	0.53	..
341	BN183	HN227	HN228	154.0607	9.06	-0.68	-0.005	0.1	0.30	..
342	BN183	HN227	BN177	31.3708	9.06	0.21	0.006	0.0	0.69	..
343	HN229	BN230	BN231	247.0728	9.06	-7.69	0.002	1.6	0.28	..
344	HN229	BN230	BN225	93.5521	9.06	5.99	0.010	1.1	0.38	..
345	BN230	HN229	HN228	281.5239	9.06	2.02	0.001	0.4	0.28	..
346	HN215	HN214	HN213	199.3055	9.06	-2.94	0.006	0.5	0.36	..
347	HN215	HN214	HN216	358.1057	9.06	0.73	-0.005	0.1	0.85	..
348	HN227	HN224	HN213	94.1301	9.06	-2.24	-0.014	0.4	0.44	..
349	HN227	HN224	BN223	192.3107	9.06	5.05	-0.011	0.7	0.62	..
350	HN227	HN224	BN184	211.3956	9.06	-5.28	-0.008	0.8	0.52	..
351	HN229	HN228	HN227	161.3845	9.06	1.36	0.007	0.3	0.25	..
352	HN179	BN183	BN225	23.5534	9.06	-6.32	-0.010	1.0	0.52	..
353	HN179	BN183	HN227	108.2257	9.06	-5.16	-0.013	0.7	0.68	..
354	HN179	BN183	BN177	329.3036	9.06	3.18	-0.006	0.4	0.73	..
355	HN179	BN183	BN184	182.3846	9.06	-5.90	-0.022	0.8	0.64	..
356	HN179	BN183	HN176	323.2411	9.06	-6.71	-0.002	0.8	0.80	..
357	HN176	BN177	HN227	186.0655	9.06	1.70	-0.011	0.2	0.65	..
358	HN176	BN177	BN183	195.3741	9.06	-5.17	-0.010	0.7	0.60	..
359	HN176	BN177	HN178	53.2410	9.06	-6.05	0.000	0.9	0.52	..
360	HN176	BN177	BN175	354.0008	9.06	-8.79	0.005	1.0	0.89	..
361	HN176	BN177	BN161	244.2157	9.06	8.04	-0.007	1.1	0.62	..
362	HN214	HN215	HN216	176.2611	9.06	-0.65	-0.009	0.1	0.43	..
363	HN214	HN215	BN223	272.1347	9.06	5.00	0.004	0.8	0.48	..
364	HN217	HN216	HN214	177.4434	9.06	-0.10	0.011	0.0	0.61	..
365	HN217	HN216	HN215	175.5949	9.06	-2.48	0.007	0.4	0.54	..
366	HN217	HN216	HN221	92.2920	9.06	0.41	0.005	0.1	0.35	..
367	HN224	BN223	HN215	93.2325	9.06	-7.50	-0.014	1.1	0.56	..
368	HN224	BN223	BN184	276.0826	9.06	-6.91	-0.003	1.1	0.51	..
369	HN224	BN223	BN222	173.0142	9.06	2.02	-0.008	0.4	0.32	..
370	HN224	BN223	HN188	187.2534	9.06	3.43	-0.012	0.5	0.61	..
371	HN224	BN223	BN185	267.0650	9.06	11.90	-0.000	1.6	0.68	..
372	HN186	BN184	HN224	188.4259	9.06	3.37	0.008	0.5	0.61	..
373	HN186	BN184	BN183	169.3527	9.06	-0.52	0.015	0.1	0.68	..
374	HN186	BN184	HN215	263.3922	9.06	1.33	-0.007	0.2	0.69	..
375	HN186	BN184	BN223	265.4242	9.06	0.79	0.002	0.1	0.48	..
376	HN186	BN184	BN185	68.4943	9.06	-5.73	0.007	0.9	0.46	..
377	BN218	HN217	BN087	356.1919	9.06	4.07	-0.003	0.5	0.72	..
378	BN218	HN217	HN216	158.0313	9.06	-3.01	0.003	0.6	0.35	..
379	HN216	HN221	BN220	193.1859	9.06	4.18	0.008	0.8	0.37	..
380	BN220	BN222	BN223	196.3339	9.06	-0.62	0.005	0.1	0.24	..
381	BN223	HN188	HN224	356.3100	9.06	3.17	0.006	0.4	0.91	..
382	BN223	HN188	HN085	190.0923	9.06	0.52	-0.009	0.1	0.38	..
383	BN223	HN188	HN186	286.3417	9.06	0.41	-0.002	0.1	0.43	..
384	HN158	BN185	BN184	130.1924	9.06	-0.30	-0.011	0.1	0.43	..
385	HN158	BN185	BN157	357.3636	9.06	-0.24	-0.004	0.0	0.84	..
386	HN158	BN185	HN152	356.3409	9.06	0.46	0.006	0.1	0.91	..
387	BN219	BN218	BN087	252.5411	9.06	3.27	-0.009	0.5	0.62	..
388	BN219	BN218	BN002	252.5556	9.06	-6.70	-0.011	0.9	0.65	..
389	BN219	BN218	HN217	78.2202	9.06	-1.10	-0.005	0.2	0.49	..
390	HN221	BN220	HN216	354.2922	9.06	11.14	-0.003	1.4	0.82	..
391	HN221	BN220	BN222	229.0352	9.06	0.72	0.008	0.2	0.24	..

392	HN221	BN220	BN219	59.5127	9.06	-2.39	-0.001	0.5	0.34	..
393	BN220	BN219	BN218	137.5505	9.06	-4.10	-0.011	0.8	0.32	..
394	BN087	HN086	HN085	158.2311	9.06	7.35	0.011	1.4	0.35	..
395	BN002	HN001	HN208	250.4321	9.06	0.16	-0.010	0.0	0.39	..
396	BN002	HN001	BN003	349.3205	9.06	8.35	0.003	1.0	0.77	..
397	BN002	BN003	HN001	12.0721	9.06	-1.67	-0.004	0.2	0.70	..
398	BN002	BN003	BN004	192.3522	9.06	-5.11	0.009	0.7	0.61	..
399	BN002	BN003	BN005	191.1123	9.06	-0.95	0.016	0.1	0.64	..
400	HN084	HN085	HN188	120.5209	9.06	2.08	0.000	0.4	0.42	..
401	HN084	HN085	HN086	214.5854	9.06	-8.38	-0.008	1.5	0.36	..
402	HN084	HN085	BN004	296.2839	9.06	1.98	-0.007	0.3	0.45	..
403	BN003	BN004	HN085	264.2107	9.06	-1.11	0.010	0.2	0.43	..
404	BN003	BN004	BN005	177.1850	9.06	-1.75	0.013	0.3	0.35	..
405	BN003	BN005	BN004	358.4242	9.06	1.09	0.006	0.1	0.85	..
406	BN003	BN005	HN084	284.5307	9.06	-1.78	0.013	0.3	0.50	..
407	BN003	BN005	BN006	179.2128	9.06	-8.06	0.027	1.2	0.56	..
408	BN207	BN206	BN014-1	252.2515	9.06	0.07	0.040	0.0	0.55	..
409	BN207	BN206	HN205	206.4402	9.06	6.67	0.038	1.0	0.50	..
410	HN082	HN084	HN085	133.3317	9.06	-4.58	-0.015	0.7	0.55	..
411	HN082	HN084	BN005	269.0955	9.06	2.88	-0.013	0.5	0.45	..
412	HN082	HN084	HN186	75.2142	9.06	-3.32	-0.008	0.5	0.64	..
413	HN082	HN084	HN083	357.4709	9.06	-5.35	0.004	0.6	0.97	..
414	HN186	HN084	HN187	341.0056	9.06	0.83	0.004	0.1	0.59	..
415	BN005	BN006	HN083	279.5421	9.06	-0.01	0.017	0.0	0.53	..
416	BN005	BN006	BN007	183.0307	9.06	-7.70	0.024	1.1	0.62	..
417	BN005	BN006	BN008	182.2402	9.06	0.60	0.028	0.1	0.65	..
418	HN083	HN082	HN084	188.4655	9.06	-0.33	-0.016	0.0	0.63	..
419	HN083	HN082	HN080	355.2319	9.06	1.38	0.010	0.2	0.86	..
420	HN083	HN082	HN081	356.3139	9.06	2.29	0.006	0.3	0.88	..
421	HN083	HN082	HN154	83.0251	9.06	0.68	-0.002	0.1	0.45	..
422	HN084	HN186	BN184	171.5422	9.06	-1.83	0.009	0.3	0.54	..
423	HN084	HN186	HN188	275.2839	9.06	-0.30	0.000	0.1	0.40	..
424	HN154	HN187	HN084	262.1843	9.06	-6.95	-0.015	1.1	0.47	..
425	HN154	HN187	BN156	49.4846	9.06	-7.66	-0.003	1.3	0.44	..
426	HN082	HN083	HN084	6.3357	9.06	1.32	-0.012	0.2	0.79	..
427	HN082	HN083	BN006	92.1924	9.06	4.26	0.002	0.7	0.51	..
428	HN082	HN083	HN080	173.4104	9.06	-1.45	0.014	0.2	0.75	..
429	HN082	HN083	HN081	174.1934	9.06	-5.02	0.010	0.7	0.71	..
430	BN157	HN158	BN185	357.1107	9.06	2.48	-0.004	0.3	0.77	..
431	BN157	HN158	HN152	169.0047	9.06	1.63	0.010	0.2	0.59	..
432	BN157	HN158	HN159	77.4753	9.06	-6.45	0.003	1.1	0.39	..
433	BN157	HN158	HN150	166.4150	9.06	6.82	0.015	0.9	0.68	..
434	BN160	BN157	BN185	118.2949	9.06	0.36	-0.008	0.1	0.41	..
435	BN160	BN157	HN158	303.4205	9.06	-0.88	0.001	0.1	0.66	..
436	BN160	BN157	HN152	296.5841	9.06	1.55	0.007	0.2	0.67	..
437	BN160	BN157	BN156	176.4604	9.06	-6.55	-0.008	1.1	0.46	..
438	HN150	HN152	HN158	185.0949	9.06	-3.57	-0.011	0.5	0.62	..
439	HN150	HN152	BN157	189.2526	9.06	9.24	-0.015	1.2	0.71	..
440	HN150	HN152	BN153	250.4504	9.06	9.48	-0.011	1.4	0.55	..
441	BN175	HN176	BN183	200.1355	9.06	-0.05	-0.014	0.0	0.69	..
442	BN175	HN176	BN177	190.4256	9.06	-1.99	-0.009	0.3	0.69	..
443	BN175	HN176	BN166	274.2057	9.06	-11.30	-0.005	1.6	0.60	..
444	BN175	HN176	HN173	3.3642	9.06	-11.84	0.004	1.4	0.92	..
445	BN175	HN176	BN174	3.0919	9.06	-4.20	0.002	0.5	0.92	..
446	BN177	HN178	HN179	194.1108	9.06	-3.06	0.006	0.6	0.32	..
447	HN176	BN175	BN177	4.4258	9.06	-4.78	-0.004	0.6	0.91	..
448	HN176	BN175	BN174	191.3313	9.06	-5.33	0.007	0.7	0.68	..
449	HN176	BN175	BN167	90.4417	9.06	9.18	0.004	1.5	0.44	..
450	HN176	BN175	HN171	201.1311	9.06	1.56	0.011	0.2	0.64	..
451	BN177	BN161	BN157	172.2423	9.06	0.07	-0.009	0.0	0.73	..
452	BN177	BN161	HN162	300.5837	9.06	1.77	-0.000	0.4	0.25	..
453	BN177	BN161	BN160	172.2330	9.06	-1.43	-0.006	0.2	0.46	..
454	BN235	BN180	BN174	215.1707	9.06	-6.65	-0.004	1.2	0.35	..
455	HN171	HN182	HN181	140.3401	9.06	-18.32	0.002	3.4	0.36	.R
456	HN176	BN166	BN167	277.5950	9.06	-0.24	0.004	0.0	0.69	..
457	HN176	BN166	HN168	276.0057	9.06	-3.49	0.006	0.4	0.73	..
458	HN176	BN166	HN169	277.1712	9.06	-5.09	0.008	0.7	0.74	..
459	HN176	BN166	BN165	189.1416	9.06	-3.31	0.001	0.7	0.25	..
460	BN174	HN173	HN176	358.1702	9.06	-10.83	-0.007	1.4	0.75	..
461	BN174	HN173	HN171	212.4041	9.06	-6.38	0.004	1.2	0.32	..
462	BN174	HN173	HN169	86.0515	9.06	1.76	0.001	0.3	0.38	..
463	BN175	BN174	HN176	351.3613	9.06	-5.87	-0.005	0.7	0.81	..
464	BN175	BN174	BN180	270.1226	9.06	2.31	0.001	0.4	0.44	..
465	BN175	BN174	HN173	173.4639	9.06	-7.68	0.004	1.1	0.57	..
466	BN175	BN174	HN171	193.4449	9.06	-1.46	0.006	0.2	0.47	..
467	HN169	BN167	BN175	79.5717	9.06	-8.40	-0.003	1.4	0.45	..
468	HN169	BN167	BN166	181.3323	9.06	-5.11	-0.008	0.8	0.50	..
469	HN169	BN167	HN168	354.3114	9.06	7.00	-0.002	1.0	0.60	..
470	HN170	HN171	HN182	100.5821	9.06	-11.31	-0.006	2.1	0.37	..
471	HN170	HN171	HN173	217.2921	9.06	11.00	-0.007	2.1	0.33	..
472	BN161	HN162	BN163	82.2339	9.06	1.83	0.003	0.4	0.25	..
473	BN177	BN160	BN157	175.0434	9.06	2.89	-0.009	0.4	0.62	..
474	BN177	BN160	BN161	355.0255	9.06	5.24	-0.003	0.7	0.77	..
475	BN177	BN160	BN164	262.3804	9.06	1.79	-0.002	0.4	0.28	..
476	BN177	BN160	BN156	173.1346	9.06	-6.97	-0.013	1.0	0.63	..
477	BN165	BN163	HN162	88.4435	9.06	-1.49	-0.005	0.3	0.27	..
478	BN165	BN163	BN164	183.3206	9.06	-2.52	-0.006	0.6	0.24	..
479	BN163	BN164	BN160	141.4847	9.06	-2.46	-0.006	0.6	0.24	..

480	BN155	BN156	HN187	230.2157	9.06	5.73	-0.007	1.1	0.35	..
481	BN155	BN156	BN157	88.0811	9.06	10.21	0.001	1.5	0.59	..
482	BN155	BN156	BN160	89.3128	9.06	-2.10	0.004	0.3	0.68	..
483	BN155	BN156	BN153	4.1047	9.06	4.23	0.004	0.5	0.82	..
484	HN159	BN155	BN156	96.3833	9.06	10.35	-0.008	1.6	0.53	..
485	HN159	BN155	BN153	284.5036	9.06	-10.11	0.000	1.5	0.54	..
486	HN159	BN155	BN106	280.3904	9.06	-9.61	0.006	1.3	0.64	..
487	HN154	BN153	HN152	224.2513	9.06	-5.27	0.011	0.8	0.51	..
488	HN154	BN153	BN156	318.5506	9.06	8.41	-0.003	1.1	0.75	..
489	HN154	BN153	BN155	322.5601	9.06	4.72	0.000	0.7	0.56	..
490	HN154	BN153	BN105	134.3333	9.06	8.36	0.012	1.1	0.67	..
491	HN154	BN153	BN107	128.5110	9.06	4.09	0.008	0.6	0.56	..
492	HN158	HN159	BN155	150.2910	9.06	-7.77	-0.005	1.5	0.34	..
493	HN152	HN150	HN158	2.5109	9.06	-15.37	-0.006	1.8	0.88	..
494	HN152	HN150	HN109	83.5604	9.06	1.42	0.004	0.3	0.36	..
495	HN152	HN150	HN149	275.3925	9.06	-5.13	0.005	1.2	0.23	..
496	HN081	HN080	HN082	2.3548	9.06	13.10	-0.010	1.6	0.82	..
497	HN081	HN080	HN083	0.5330	9.06	13.27	-0.006	1.6	0.85	..
498	HN081	HN080	HN079	181.4626	9.06	-10.81	0.008	2.1	0.32	..
499	HN083	HN081	HN082	2.1207	9.06	5.31	-0.004	0.6	0.95	..
500	HN083	HN081	HN080	178.2744	9.06	6.30	0.010	0.9	0.56	..
501	HN083	HN081	BN106	270.3559	9.06	-0.35	0.009	0.1	0.44	..
502	HN187	HN154	HN082	100.1159	9.06	-1.44	0.004	0.2	0.42	..
503	HN187	HN154	BN153	224.4154	9.06	18.42	0.011	2.9	0.51	..
504	BN009	BN007	BN006	183.4200	9.06	-3.06	-0.024	0.4	0.68	..
505	BN009	BN007	HN080	95.3536	9.06	0.61	-0.011	0.1	0.31	..
506	BN009	BN007	BN008	1.2152	9.06	15.54	-0.010	2.2	0.59	..
507	BN006	BN008	BN007	358.1922	9.06	-14.70	0.010	2.2	0.55	..
508	BN006	BN008	BN009	176.2831	9.06	-5.56	0.024	0.7	0.73	..
509	BN006	BN008	HN010	177.1544	9.06	0.97	0.027	0.1	0.75	..
510	HN010	BN009	BN007	176.3713	9.06	-0.78	-0.017	0.1	0.70	..
511	HN010	BN009	BN008	176.0839	9.06	-1.09	-0.013	0.1	0.70	..
512	HN010	BN009	BN072	83.1030	9.06	0.02	-0.000	0.0	0.44	..
513	HN010	BN009	HN012	357.0631	9.06	11.17	0.006	1.3	0.84	..
514	HN010	BN009	HN011	357.5057	9.06	-3.43	0.003	0.4	0.86	..
515	BN008	HN010	BN009	3.0410	9.06	-7.43	0.010	0.9	0.81	..
516	BN008	HN010	BN073	257.5544	9.06	-1.32	0.016	0.2	0.48	..
517	BN008	HN010	HN012	178.5502	9.06	-3.51	0.019	0.4	0.76	..
518	BN008	HN010	HN011	179.0052	9.06	-18.28	0.016	2.5	0.64	..
519	HN078	HN079	HN080	193.2916	9.06	9.53	-0.007	1.5	0.50	..
520	HN078	HN079	HN081	192.3045	9.06	-0.05	-0.011	0.0	0.65	..
521	HN078	HN079	BN102	106.1059	9.06	-2.82	-0.001	0.5	0.45	..
522	BN105	BN106	BN155	188.2151	9.06	4.84	-0.011	0.6	0.73	..
523	BN105	BN106	BN153	185.2341	9.06	2.51	-0.007	0.3	0.72	..
524	BN105	BN106	HN081	286.5936	9.06	6.71	-0.004	1.1	0.43	..
525	BN105	BN106	BN107	199.3022	9.06	7.64	-0.004	1.2	0.46	..
526	BN106	BN105	BN153	4.1117	9.06	-14.02	-0.006	1.7	0.82	..
527	BN106	BN105	BN107	10.2850	9.06	-10.67	-0.002	1.4	0.76	..
528	BN106	BN105	HN111	270.2552	9.06	2.94	0.005	0.4	0.60	..
529	BN106	BN105	BN104	265.0157	9.06	-0.70	0.003	0.1	0.45	..
530	BN105	BN107	BN153	167.5959	9.06	-2.61	-0.007	0.4	0.45	..
531	BN105	BN107	BN106	9.0157	9.06	-6.69	-0.002	1.0	0.60	..
532	BN105	BN107	HN108	86.0012	9.06	-1.75	0.002	0.3	0.47	..
533	HN112	HN111	BN105	246.1222	9.06	2.56	-0.006	0.4	0.57	..
534	HN112	HN111	BN104	250.1757	9.06	3.91	-0.004	0.6	0.49	..
535	HN112	HN111	HN110	87.4745	9.06	-4.23	-0.001	0.7	0.47	..
536	BN103	BN104	BN105	261.3351	9.06	0.16	-0.007	0.0	0.29	..
537	BN103	BN104	HN111	91.0331	9.06	-4.85	-0.004	1.0	0.29	..
538	HN109	HN108	BN107	224.4936	9.06	-8.96	-0.007	1.5	0.43	..
539	HN109	HN108	HN110	350.2854	9.06	-16.02	0.001	2.4	0.54	..
540	HN108	HN109	HN150	235.3400	9.06	-1.25	0.002	0.2	0.33	..
541	HN108	HN109	HN110	156.2709	9.06	18.49	0.003	2.9	0.49	..
542	HN108	HN109	HN113	150.5357	9.06	-3.40	0.006	0.5	0.69	..
543	HN108	HN109	BN114	145.0335	9.06	9.08	0.011	1.2	0.70	..
544	HN111	HN110	HN108	290.0639	9.06	10.36	-0.001	1.6	0.53	..
545	HN111	HN110	HN109	276.0555	9.06	-16.13	0.000	2.7	0.44	..
546	HN111	HN110	HN113	88.1440	9.06	9.02	0.005	1.3	0.61	..
547	HN111	HN110	BN114	82.5719	9.06	-13.65	0.009	1.8	0.68	..
548	BN331	BN332	HN333	92.4142	9.06	6.19	0.003	1.0	0.47	..
549	BN331	BN332	BN330	172.2210	9.06	13.13	0.014	2.0	0.51	..
550	BN332	HN333	HN329	274.1919	9.06	-6.03	0.004	0.9	0.49	..
551	BN332	HN333	BN334	189.4003	9.06	4.52	-0.007	0.8	0.43	..
552	BN332	BN330	HN329	97.2920	9.06	12.86	0.004	2.0	0.51	..
553	BN332	BN330	BN313	212.2553	9.06	-4.00	0.013	0.7	0.40	..
554	HN333	BN334	BN328	251.0128	9.06	-8.52	0.003	1.2	0.66	..
555	HN333	BN334	BN327	253.3350	9.06	12.34	0.000	1.9	0.50	..
556	HN333	BN334	BN335	170.2025	9.06	-9.59	-0.005	1.8	0.36	..
557	BN313	HN314	BN315	251.2023	9.06	-6.82	0.000	1.3	0.32	..
558	BN313	HN314	BN316	174.4237	9.06	8.95	-0.008	1.6	0.38	..
559	HN329	BN328	BN319	289.4412	9.06	4.39	-0.003	0.8	0.37	..
560	HN329	BN328	BN327	74.2422	9.06	-4.20	-0.008	0.7	0.44	..
561	BN317	BN315	BN301	91.4857	9.06	-1.41	0.007	0.3	0.32	..
562	BN317	BN315	HN314	245.4818	9.06	6.74	-0.002	1.4	0.29	..
563	HN314	BN316	BN318	266.3814	9.06	4.12	-0.002	0.8	0.34	..
564	HN314	BN316	BN319	128.5338	9.06	5.24	-0.009	1.1	0.30	..
565	BN302	BN317	BN315	103.1301	9.06	5.51	-0.002	1.0	0.36	..
566	BN302	BN317	BN318	270.5720	9.06	-1.81	-0.007	0.3	0.37	..
567	HN321	BN318	BN316	285.4923	9.06	-6.13	0.003	1.1	0.40	..

568	HN321	BN318	BN317	197.4414	9.06	1.91	0.010	0.4	0.32	..
569	HN324	HN321	BN303	101.3001	9.06	3.58	0.010	0.6	0.38	..
570	HN324	HN321	BN318	182.1751	9.06	-4.41	0.015	0.7	0.49	..
571	HN324	HN321	HN320	269.3750	9.06	-4.09	0.005	0.7	0.45	..
572	HN320	BN319	BN328	300.5559	9.06	-6.88	0.001	1.3	0.35	..
573	HN320	BN319	BN316	135.3340	9.06	-6.42	0.006	1.2	0.33	..
574	HN322	HN320	BN303	92.0543	9.06	8.82	0.007	1.2	0.66	..
575	HN322	HN320	HN321	87.5132	9.06	4.04	0.006	0.6	0.57	..
576	HN322	HN320	BN319	193.0255	9.06	-9.88	0.006	1.7	0.44	..
577	HN322	HN320	HN326	285.5257	9.06	-13.37	-0.001	2.3	0.41	..
578	HN321	HN324	HN323	84.2856	9.06	0.14	-0.011	0.0	0.59	..
579	HN321	HN324	BN305	273.3311	9.06	4.57	-0.007	0.8	0.36	..
580	HN320	HN322	HN325	117.0358	9.06	4.48	-0.006	0.8	0.38	..
581	HN320	HN322	HN323	175.5711	9.06	1.04	-0.008	0.2	0.44	..
582	BN327	HN326	HN320	257.3733	9.06	13.97	0.002	2.5	0.39	..
583	BN327	HN326	HN325	165.3320	9.06	-12.45	-0.004	2.4	0.34	..
584	HN326	BN327	BN334	255.5019	9.06	-7.79	-0.002	1.4	0.36	..
585	HN326	BN327	BN328	70.2337	9.06	5.00	0.004	0.8	0.44	..
586	HN326	BN327	BN319	84.0712	9.06	2.96	0.007	0.5	0.45	..
587	HN148	HN149	HN150	248.2200	9.06	5.78	-0.004	1.4	0.20	..
588	HN110	HN113	HN109	2.1719	9.06	-3.03	-0.001	0.4	0.89	..
589	HN110	HN113	BN114	171.3255	9.06	3.29	0.008	0.5	0.45	..
590	HN110	HN113	HN112	90.1403	9.06	2.74	0.001	0.4	0.47	..
591	BN100	BN114	HN113	244.2949	9.06	2.12	-0.005	0.3	0.49	..
592	HN113	BN114	HN119	274.4327	9.06	2.52	0.007	0.4	0.42	..
593	BN100	BN114	BN115	99.2207	9.06	-8.18	0.004	1.3	0.51	..
594	BN100	BN114	HN118	151.4614	9.06	6.21	0.002	1.3	0.30	..
595	BN100	BN114	BN101	348.4024	9.06	-6.33	-0.003	0.8	0.81	..
596	HN149	HN148	HN147	271.0941	9.06	-5.66	0.003	1.4	0.20	..
597	HN113	HN112	HN111	93.4322	9.06	2.47	-0.005	0.4	0.44	..
598	HN113	HN112	BN100	278.0441	9.06	0.51	0.005	0.1	0.35	..
599	BN101	BN100	BN114	197.4550	9.06	-4.51	0.002	0.7	0.57	..
600	BN101	BN100	HN112	279.0126	9.06	-0.44	-0.004	0.1	0.41	..
601	BN101	BN100	HN099	103.3950	9.06	7.63	0.006	1.6	0.28	..
602	HN120	HN119	BN114	163.2738	9.06	-3.49	-0.003	0.7	0.30	..
603	HN120	HN119	HN146	72.1754	9.06	5.55	-0.004	1.1	0.29	..
604	BN114	BN115	HN116	253.4048	9.06	-7.97	0.004	1.5	0.34	..
605	BN114	BN115	HN117	103.0848	9.06	1.75	0.006	0.3	0.32	..
606	BN114	BN115	BN512	132.2500	9.06	-2.33	0.011	0.4	0.43	..
607	BN114	HN118	HN116	74.0239	9.06	7.83	0.004	1.6	0.28	..
608	HN078	BN101	BN114	204.0130	9.06	-2.95	0.005	0.4	0.64	..
609	HN078	BN101	BN100	197.3518	9.06	5.90	0.006	0.8	0.59	..
610	HN078	BN101	BN102	271.3627	9.06	-4.06	-0.001	0.7	0.36	..
611	BN104	BN103	BN102	94.2314	9.06	5.39	0.004	1.1	0.28	..
612	HN079	BN102	BN101	74.1456	9.06	4.68	0.006	0.9	0.36	..
613	HN079	BN102	BN103	168.3210	9.06	-5.68	0.003	1.2	0.27	..
614	HN098	HN099	BN100	150.2955	9.06	-7.20	-0.006	1.6	0.25	..
615	HN168	HN147	HN148	202.5843	9.06	6.11	0.000	1.5	0.20	..
616	HN168	HN147	HN146	259.2619	9.06	-6.27	0.003	1.3	0.26	..
617	HN147	HN168	BN166	279.5022	9.06	5.33	-0.006	0.7	0.61	..
618	HN147	HN168	BN167	274.4734	9.06	-7.32	-0.001	1.3	0.41	..
619	HN147	HN168	HN169	104.5955	9.06	0.54	0.003	0.1	0.41	..
620	HN147	HN146	HN119	177.1130	9.06	-5.91	0.007	1.3	0.25	..
621	BN166	HN169	HN173	259.4703	9.06	0.14	0.009	0.0	0.45	..
622	BN166	HN169	BN167	359.0935	9.06	-10.04	0.004	1.2	0.86	..
623	BN166	HN169	HN168	3.5315	9.06	-0.19	0.006	0.0	0.64	..
624	HN121	HN120	HN170	66.3717	9.06	2.57	-0.001	0.4	0.46	..
625	HN121	HN120	HN119	264.5622	9.06	0.51	-0.004	0.1	0.46	..
626	HN121	HN120	HN125	347.2316	9.06	-7.63	0.009	1.0	0.74	..
627	BN163	BN165	BN166	273.5209	9.06	4.26	0.004	0.9	0.28	..
628	BN351	BN335	HN333	282.4416	9.06	-0.76	0.011	0.1	0.62	..
629	BN351	BN335	BN334	275.0805	9.06	12.82	0.007	2.1	0.44	..
630	BN351	BN335	BN336	87.2954	9.06	-4.05	-0.000	0.6	0.54	..
631	BN335	BN336	BN349	107.1213	9.06	-5.68	-0.010	1.0	0.41	..
632	BN335	BN336	BN337	187.1544	9.06	-3.88	-0.009	0.7	0.38	..
633	BN335	BN336	HN323	270.5507	9.06	-3.60	-0.001	0.5	0.59	..
634	HN323	HN325	HN322	88.1557	9.06	-4.43	0.005	0.8	0.38	..
635	HN323	HN325	HN326	164.5945	9.06	9.30	0.004	1.8	0.33	..
636	BN338	BN348	BN347	165.1342	9.06	0.66	-0.009	0.1	0.36	..
637	BN338	BN348	BN349	79.5447	9.06	-1.03	0.001	0.2	0.40	..
638	BNI058	BN344	HN345	181.2341	9.06	6.54	0.008	1.2	0.36	..
639	BNI058	BN344	BN340	81.5114	9.06	11.94	0.011	2.1	0.41	..
640	BN337	BN338	BN339	172.4207	9.06	-10.44	-0.006	1.6	0.53	..
641	BN337	BN338	BN348	94.3645	9.06	-0.50	-0.007	0.1	0.51	..
642	BN337	BN338	HN352	259.4720	9.06	-9.70	-0.000	1.6	0.46	..
643	BN338	BN337	BN335	190.1238	9.06	6.26	0.011	0.8	0.66	..
644	BN338	BN337	BN336	195.1914	9.06	8.71	0.005	1.4	0.48	..
645	BN336	HN323	HN320	253.1313	9.06	-4.83	0.014	0.6	0.73	..
646	BN336	HN323	HN324	158.3452	9.06	-2.20	0.008	0.3	0.59	..
647	BN336	HN323	HN322	251.4908	9.06	7.57	0.011	1.1	0.62	..
648	BN336	HN323	HN325	284.4012	9.06	1.45	0.007	0.2	0.54	..
649	BN336	HN323	BN305	161.3224	9.06	2.75	0.010	0.4	0.69	..
650	HN323	BN305	BN304	267.4331	9.06	0.59	0.008	0.1	0.45	..
651	HN323	BN305	HN324	6.0647	9.06	-4.51	0.003	0.7	0.55	..
652	HN323	BN305	BN306	79.1048	9.06	9.12	0.002	1.7	0.35	..
653	BN305	BN306	BN307	198.2231	9.06	6.23	-0.007	1.3	0.28	..
654	HN120	HN121	HN125	161.5647	9.06	-3.35	0.013	0.5	0.52	..
655	HN120	HN121	HN122	87.5154	9.06	4.59	0.004	0.8	0.41	..

656	HN124	HN125	HN120	263.3422	9.06	-5.13	-0.013	0.7	0.60	..
657	HN124	HN125	HN121	258.0744	9.06	8.15	-0.009	1.2	0.56	..
658	HN124	HN125	HN126	112.5009	9.06	6.26	0.003	1.3	0.28	..
659	HN116	HN122	HN121	197.0720	9.06	-3.57	0.003	0.7	0.34	..
660	HN116	HN122	HN123	93.5601	9.06	-6.19	0.006	1.1	0.42	..
661	HN122	HN116	BN115	191.2825	9.06	8.06	-0.003	1.5	0.35	..
662	HN122	HN116	HN118	64.1509	9.06	-7.75	-0.005	1.6	0.27	..
663	HN122	HN116	HN133	274.5446	9.06	6.97	0.003	1.3	0.38	..
664	HN122	HN123	HN124	195.2014	9.06	-3.12	0.009	0.5	0.55	..
665	HN122	HN123	HN130	192.2501	9.06	-4.54	0.012	0.7	0.58	..
666	HN123	HN124	HN125	263.4754	9.06	9.65	0.006	1.6	0.44	..
667	HN123	HN124	HN130	172.1858	9.06	-18.40	0.009	3.5	0.33	.R
668	BN127	HN126	HN125	212.2423	9.06	-6.84	-0.013	1.5	0.24	..
669	HN132	HN133	HN116	170.3049	9.06	-9.58	-0.013	2.2	0.23	..
670	HN131	HN130	HN124	267.1734	9.06	15.51	-0.003	2.8	0.38	..
671	HN131	HN130	HN129	80.4420	9.06	-11.08	0.003	2.1	0.34	..
672	HN098	HN117	BN115	195.3444	9.06	0.57	-0.002	0.1	0.27	..
673	BN115	BN512	BN141	189.0130	9.06	1.97	0.014	0.4	0.26	..
674	HN133	HN132	HN131	145.1554	9.06	13.02	0.010	2.9	0.25	..
675	HN079	HN078	BN101	268.4935	9.06	-1.08	0.006	0.2	0.58	..
676	HN079	HN078	HN077	187.2249	9.06	-14.98	0.010	2.3	0.53	..
677	HN079	HN078	BN070	185.1407	9.06	14.62	0.016	1.9	0.69	..
678	HN097	HN098	HN099	275.5605	9.06	-6.91	-0.005	1.5	0.27	..
679	HN097	HN098	HN116	170.3932	9.06	4.75	-0.004	0.8	0.47	..
680	HN097	HN098	HN117	167.2736	9.06	1.76	-0.002	0.3	0.37	..
681	HN096	HN097	HN098	152.0658	9.06	5.50	-0.005	1.2	0.27	..
682	HN097	HN096	HN095	164.5245	9.06	-10.57	0.005	2.1	0.30	..
683	HN079	HN077	HN078	2.2448	9.06	-5.00	0.003	0.6	0.94	..
684	HN079	HN077	BN070	178.0544	9.06	-17.97	0.016	2.3	0.74	..
685	HN079	HN077	BN071	172.5839	9.06	-1.70	0.015	0.2	0.65	..
686	HN079	HN077	BN069	178.2303	9.06	14.98	0.019	1.9	0.75	..
687	HN077	BN070	HN078	2.1104	9.06	0.57	-0.007	0.1	0.90	..
688	HN077	BN070	BN071	21.5458	9.06	0.11	0.005	0.0	0.45	..
689	HN077	BN070	BN069	180.5525	9.06	4.56	0.009	0.6	0.62	..
690	HN077	BN070	BN068	171.3641	9.06	-7.11	0.010	1.0	0.67	..
691	HN077	BN070	BN067	175.1948	9.06	8.79	0.013	1.1	0.75	..
692	HN077	BN070	HN089	273.1009	9.06	-0.82	0.009	0.1	0.58	..
693	BN073	BN071	HN077	260.4839	9.06	2.15	-0.004	0.3	0.47	..
694	BN073	BN071	BN070	107.5027	9.06	0.99	0.003	0.2	0.43	..
695	BN073	BN071	BN069	92.5701	9.06	-18.81	0.006	2.8	0.55	..
696	BN068	BN069	BN070	208.5156	9.06	-4.64	-0.004	0.7	0.58	..
697	BN068	BN069	BN071	214.5720	9.06	14.12	-0.005	2.0	0.60	..
698	BN068	BN069	BN067	19.0248	9.06	-8.40	0.003	1.2	0.58	..
699	BN068	BN069	HN090	115.2155	9.06	6.62	0.002	1.1	0.46	..
700	BN066	BN068	BN070	166.4020	9.06	-2.53	-0.011	0.4	0.62	..
701	BN066	BN068	BN069	147.0712	9.06	9.78	-0.008	1.3	0.68	..
702	BN066	BN068	BN067	356.3058	9.06	-12.88	-0.005	1.6	0.83	..
703	BN066	BN068	HN075	274.4912	9.06	-1.65	-0.008	0.3	0.48	..
704	BN066	BN068	HN012	266.2205	9.06	-0.21	-0.011	0.0	0.72	..
705	BN066	BN067	BN070	168.1636	9.06	-2.03	-0.011	0.3	0.78	..
706	BN066	BN067	BN069	164.0247	9.06	7.98	-0.008	1.1	0.67	..
707	BN066	BN067	BN068	174.2332	9.06	6.72	-0.007	1.0	0.53	..
708	BN070	HN089	HN090	90.5450	9.06	-2.25	0.006	0.4	0.38	..
709	BN070	HN089	HN088	198.3301	9.06	0.19	0.003	0.0	0.42	..
710	BN070	HN089	HN095	183.4840	9.06	-0.06	0.006	0.0	0.54	..
711	HN075	BN073	HN010	260.5208	9.06	-3.44	-0.009	0.6	0.46	..
712	HN075	BN073	BN071	89.0340	9.06	-16.84	-0.005	2.6	0.52	..
713	HN075	BN073	HN074	352.5417	9.06	-11.90	-0.003	1.5	0.78	..
714	HN075	BN073	BN072	174.5440	9.06	17.42	-0.009	2.9	0.44	..
715	BN069	HN090	HN089	276.3912	9.06	4.11	-0.000	0.8	0.35	..
716	BN069	HN090	HN091	108.5255	9.06	0.47	0.012	0.1	0.36	..
717	HN012	HN075	BN068	192.1137	9.06	4.18	0.003	0.7	0.40	..
718	HN012	HN075	BN073	277.2728	9.06	-6.62	-0.003	0.8	0.76	..
719	HN012	HN075	HN074	283.4913	9.06	-0.39	-0.001	0.1	0.73	..
720	HN012	HN075	BN072	275.3558	9.06	0.36	-0.006	0.0	0.75	..
721	HN012	HN075	HN076	92.2630	9.06	-2.27	0.005	0.4	0.40	..
722	HN075	HN074	BN073	166.3200	9.06	13.86	-0.006	2.2	0.49	..
723	HN075	HN074	BN072	167.3841	9.06	-18.73	-0.009	2.5	0.67	..
724	HN075	HN074	HN011	256.1211	9.06	8.01	-0.006	1.4	0.40	..
725	HN075	BN072	BN009	271.0217	9.06	0.48	-0.012	0.1	0.43	..
726	HN075	BN072	BN073	356.4632	9.06	-11.56	-0.006	1.5	0.77	..
727	HN075	BN072	HN074	355.5130	9.06	6.52	-0.003	0.7	0.95	..
728	HN091	BN066	BN068	94.0405	9.06	-3.04	-0.012	0.4	0.70	..
729	HN091	BN066	BN067	96.1102	9.06	6.36	-0.009	0.9	0.66	..
730	HN091	BN066	BN014	188.0924	9.06	-6.62	-0.007	1.2	0.40	..
731	HN091	BN066	HN092	2.5524	9.06	3.25	0.001	0.4	0.96	..
732	HN075	HN012	BN014-1	248.0119	9.06	-7.83	0.002	1.1	0.58	..
733	HN075	HN012	HN010	99.1839	9.06	2.75	-0.009	0.4	0.74	..
734	HN075	HN012	BN014	277.3239	9.06	-18.13	0.006	2.4	0.72	..
735	HN075	HN012	HN013	281.0215	9.06	5.81	0.001	0.9	0.56	..
736	HN075	HN012	HN011	99.1256	9.06	18.87	-0.006	2.5	0.70	..
737	HN145	HN088	HN089	210.5005	9.06	2.69	-0.006	0.5	0.34	..
738	HN145	HN088	HN095	7.3927	9.06	3.34	-0.004	0.4	0.76	..
739	HN096	HN095	HN089	123.3729	9.06	-4.30	-0.001	0.6	0.61	..
740	HN096	HN095	HN088	115.1103	9.06	5.59	-0.000	0.9	0.50	..
741	HN096	HN095	HN145	279.2430	9.06	-14.76	0.006	2.4	0.45	..
742	HN096	HN095	HN094	207.1216	9.06	-2.40	0.007	0.4	0.35	..
743	HN092	HN091	HN090	94.4656	9.06	-0.66	-0.010	0.1	0.47	..

744	HN092	HN091	BN066	169.2034	9.06	0.51	-0.005	0.1	0.54	..
745	HN092	HN091	HN143	347.5523	9.06	-3.94	0.005	0.5	0.77	..
746	HN092	HN091	HN151	329.5138	9.06	0.40	0.006	0.1	0.68	..
747	BN014-1	BN014	BN066	221.3455	9.06	5.98	0.006	1.0	0.46	..
748	BN014-1	BN014	HN013	305.2644	9.06	-4.29	-0.001	0.7	0.47	..
749	BN014-1	BN014	HN015	133.1000	9.06	-7.43	0.022	1.2	0.50	..
750	HN043	HN092	HN091	295.2135	9.06	-4.03	-0.005	0.6	0.60	..
751	HN043	HN092	HN143	98.4034	9.06	-9.06	0.002	1.2	0.70	..
752	HN043	HN092	HN151	70.5646	9.06	3.87	0.003	0.6	0.59	..
753	HN043	HN092	HN093	166.4141	9.06	5.29	-0.006	1.0	0.34	..
754	HN075	HN076	HN013	93.4558	9.06	-3.60	0.001	0.6	0.39	..
755	HN076	HN013	BN014-1	217.4637	9.06	-9.47	-0.001	1.7	0.40	..
756	HN076	HN013	HN012	94.5006	9.06	-7.32	-0.005	1.3	0.40	..
757	HN076	HN013	BN014	269.0651	9.06	11.85	0.003	2.1	0.40	..
758	HN012	HN011	BN009	182.0511	9.06	13.52	-0.009	1.8	0.68	..
759	HN012	HN011	HN010	180.1053	9.06	9.11	-0.006	1.4	0.55	..
760	HN012	HN011	HN074	80.4822	9.06	-5.25	-0.001	0.9	0.45	..
761	HN012	HN011	HN013	0.5531	9.06	11.90	0.003	1.4	0.83	..
762	BN014	HN015	HN016	185.4723	9.06	-5.35	0.028	0.9	0.47	..
763	BN014	HN015	HN037	215.0635	9.06	-7.10	0.021	1.3	0.37	..
764	BN306	BN307	BN308	181.1515	9.06	1.82	-0.006	0.4	0.24	..
765	BN306	BN307	HN352	93.0442	9.06	-3.45	-0.010	0.6	0.35	..
766	BN338	HN352	BN347	5.0910	9.06	-11.59	-0.009	1.6	0.61	..
767	BN338	HN352	BN307	191.2215	9.06	0.34	0.008	0.1	0.30	..
768	BN339	HN346	HN345	191.4014	9.06	6.23	-0.008	1.0	0.44	..
769	BN339	BN340	BN344	108.1209	9.06	-11.12	-0.011	2.0	0.39	..
770	BN339	BN340	BNI059	191.3215	9.06	4.47	-0.008	0.8	0.38	..
771	BN309	BN353	BNI059	156.0220	9.06	3.02	-0.007	0.6	0.27	..
772	BN340	BNI059	BN353	261.5515	9.06	3.48	-0.001	0.7	0.30	..
773	BN340	BNI059	HN341	112.5600	9.06	-1.65	-0.007	0.3	0.33	..
774	BN356	BN357	BN358	328.3836	9.06	5.43	-0.005	0.8	0.55	..
775	BN356	BN357	BN311	113.2037	9.06	-0.58	-0.000	0.1	0.43	..
776	BN356	BN357	BN312	34.1611	9.06	-9.14	0.003	1.3	0.64	..
777	BN312	BN356	BN355	205.3549	9.06	3.81	-0.004	0.6	0.48	..
778	BN312	BN356	BN311	39.3533	9.06	-7.48	-0.003	1.0	0.69	..
779	BN312	BN356	BN357	69.1345	9.06	4.90	-0.008	0.7	0.59	..
780	BN355	BN312	BN311	225.5503	9.06	1.44	0.001	0.2	0.56	..
781	BN355	BN312	BN357	270.5631	9.06	-2.10	-0.003	0.3	0.50	..
782	BN355	BN312	BN356	347.2627	9.06	10.14	0.001	1.2	0.84	..
783	BN206	HN205	HN204	206.3417	9.06	4.51	0.061	0.9	0.28	..
784	HN015	HN016	HN017	180.2923	9.06	-4.70	0.019	0.8	0.42	..
785	HN015	HN016	HN033	243.1149	9.06	-1.55	0.016	0.2	0.68	..
786	HN015	HN016	BN029	249.3704	9.06	-1.95	0.018	0.3	0.69	..
787	HN015	HN037	HN036	178.4442	9.06	-15.42	0.007	3.6	0.23	.R
788	HN015	HN037	HN040	253.5910	9.06	7.47	0.003	1.5	0.31	..
789	HN092	HN143	HN091	4.3625	9.06	0.09	-0.001	0.0	0.95	..
790	HN092	HN143	HN151	49.4442	9.06	8.09	0.006	1.3	0.50	..
791	HN092	HN143	BN141	271.2553	9.06	-7.24	-0.006	0.9	0.71	..
792	HN092	HN143	HN142	268.5648	9.06	6.46	-0.000	0.9	0.59	..
793	HN092	HN143	BN051	153.0203	9.06	-6.53	0.013	0.9	0.60	..
794	HN092	HN143	BN247	163.0206	9.06	1.03	0.015	0.1	0.69	..
795	BN051	HN151	HN091	169.3316	9.06	4.55	-0.014	0.6	0.62	..
796	BN051	HN151	HN092	155.1701	9.06	0.05	-0.013	0.0	0.56	..
797	BN051	HN151	HN143	52.4535	9.06	-8.79	-0.007	1.3	0.52	..
798	BN051	HN151	HN144	99.1825	9.06	-11.89	-0.015	1.7	0.59	..
799	HN092	HN043	HN042	154.2713	9.06	-0.82	0.006	0.1	0.40	..
800	HN092	HN043	HN044	270.5123	9.06	6.02	0.005	1.1	0.38	..
801	HN092	HN093	HN094	216.4158	9.06	4.25	-0.006	1.0	0.22	..
802	HN145	BN141	BN512	264.0640	9.06	-5.54	-0.005	0.9	0.42	..
803	HN145	BN141	HN143	78.2711	9.06	-11.59	0.012	1.5	0.72	..
804	HN145	BN141	HN142	80.4301	9.06	-5.76	0.007	0.8	0.61	..
805	HN145	BN141	BN140	168.0931	9.06	0.11	0.006	0.0	0.65	..
806	HN145	BN141	BN139	163.5615	9.06	8.92	0.009	1.2	0.72	..
807	HN143	HN142	BN141	184.4441	9.06	6.13	-0.011	1.2	0.29	..
808	HN050	BN051	HN091	303.0530	9.06	1.17	-0.014	0.1	0.83	..
809	HN050	BN051	HN092	298.1101	9.06	-2.19	-0.013	0.3	0.83	..
810	HN050	BN051	HN143	284.1408	9.06	-9.20	-0.008	1.2	0.70	..
811	HN050	BN051	HN151	308.1127	9.06	-0.80	-0.007	0.1	0.77	..
812	HN050	BN051	BN247	131.5700	9.06	-8.80	0.002	1.4	0.45	..
813	HN050	BN051	BN140	215.4716	9.06	-7.03	-0.014	0.9	0.72	..
814	HN050	BN051	BN048	45.5948	9.06	8.95	0.006	1.2	0.72	..
815	HN050	BN051	BN052	43.3246	9.06	-2.02	0.010	0.3	0.75	..
816	BN246	BN247	HN143	166.2810	9.06	-3.53	-0.017	0.5	0.65	..
817	BN246	BN247	BN051	184.1041	9.06	7.32	-0.010	1.2	0.46	..
818	BN246	BN247	HN191	21.3749	9.06	-4.35	-0.004	0.6	0.69	..
819	BN246	BN247	HN190	87.2829	9.06	2.40	-0.012	0.5	0.28	..
820	HN145	HN144	HN151	186.4711	9.06	8.45	0.014	1.4	0.44	..
821	HN144	HN145	HN088	266.3213	9.06	-2.77	-0.011	0.4	0.64	..
822	HN144	HN145	HN095	258.2430	9.06	17.21	-0.009	2.6	0.52	..
823	HN144	HN145	BN141	103.2840	9.06	-11.19	-0.004	1.5	0.65	..
824	HN144	HN145	BN140	94.5037	9.06	-9.31	0.001	1.2	0.68	..
825	HN095	HN094	HN093	189.0024	9.06	-3.52	0.008	0.8	0.22	..
826	BN051	BN140	BN141	276.3318	9.06	-7.18	-0.019	0.9	0.72	..
827	BN051	BN140	HN145	279.4547	9.06	-8.41	-0.020	1.0	0.78	..
828	BN051	BN140	BN139	81.2236	9.06	-6.59	-0.011	0.9	0.62	..
829	BN051	BN140	BN172	97.2451	9.06	-15.30	-0.009	2.3	0.55	..
830	BN051	BN140	HN131	223.2253	9.06	-6.56	-0.017	1.2	0.36	..
831	HN038	HN042	HN043	152.2954	9.06	-0.43	-0.016	0.1	0.32	..

832	HN038	HN042	HN041	4.3911	9.06	3.98	-0.008	0.6	0.52	..
833	HN043	HN044	HN045	146.3918	9.06	11.78	0.004	1.8	0.52	..
834	HN043	HN044	HN046	145.5757	9.06	-7.02	0.008	1.1	0.53	..
835	BN140	BN139	BN141	10.5723	9.06	11.22	-0.005	1.5	0.68	..
836	BN140	BN139	BN172	206.3136	9.06	-4.25	0.005	0.8	0.35	..
837	BN140	BN139	HN138	107.3030	9.06	-10.71	0.007	2.3	0.26	..
838	BN128	BN172	BN139	154.4220	9.06	7.41	-0.001	1.5	0.30	..
839	HN130	HN131	HN132	55.2339	9.06	-14.20	-0.002	2.8	0.32	..
840	HN130	HN131	BN140	275.4954	9.06	5.18	0.003	1.0	0.36	..
841	HN135	HN138	BN139	52.5219	9.06	6.25	-0.003	1.3	0.30	..
842	BN051	HN050	HN045	132.1011	9.06	7.14	-0.005	1.2	0.47	..
843	BN051	HN050	HN049	220.4856	9.06	10.64	0.004	1.6	0.53	..
844	BN051	BN048	BN052	172.5304	9.06	9.26	0.011	1.4	0.53	..
845	BN051	BN048	HN047	86.5611	9.06	-3.32	0.001	0.6	0.36	..
846	BN051	BN048	HN049	59.0057	9.06	-2.98	0.004	0.5	0.38	..
847	BN051	BN048	HN053	174.0435	9.06	3.88	0.015	0.5	0.69	..
848	HN053	BN052	BN051	182.2040	9.06	-9.50	-0.015	1.3	0.68	..
849	HN053	BN052	BN048	177.4107	9.06	-10.26	-0.007	1.6	0.50	..
850	HN053	BN052	HN054	358.5321	9.06	7.00	0.004	0.8	0.90	..
851	HN053	BN052	BN063	293.4155	9.06	10.54	-0.005	1.8	0.43	..
852	HN191	BN246	BN247	56.1006	9.06	-14.77	-0.003	2.0	0.69	..
853	HN191	BN246	BN244	238.0935	9.06	-13.54	0.009	1.8	0.69	..
854	HN191	BN246	BN440	250.1745	9.06	-15.64	0.010	2.1	0.70	..
855	HN191	BN246	HN197	142.0230	9.06	3.85	0.008	0.9	0.23	..
856	BN246	HN191	BN247	257.4721	9.06	14.88	-0.007	2.3	0.50	..
857	BN246	HN191	BN244	37.5145	9.06	15.15	0.004	2.1	0.65	..
858	BN246	HN191	HN134	146.0416	9.06	15.51	-0.016	2.4	0.49	..
859	HN189	HN190	BN247	265.3208	9.06	-4.33	0.004	1.1	0.19	1.
860	HN129	BN128	BN172	91.0546	9.06	3.83	0.005	0.7	0.38	..
861	HN129	BN128	BN127	225.0654	9.06	-11.86	0.007	1.8	0.51	..
862	HN129	BN128	HN134	172.4301	9.06	-4.36	0.007	0.8	0.39	..
863	BN128	HN129	HN124	169.5515	9.06	9.58	-0.011	1.4	0.61	..
864	BN128	HN129	HN130	166.1105	9.06	7.28	-0.008	1.2	0.44	..
865	BN128	HN129	HN134	357.3645	9.06	1.12	0.003	0.1	0.91	..
866	BNI059	HN341	BNI058	200.3619	9.06	6.67	-0.008	1.3	0.31	..
867	BNI059	HN341	HN342	261.5957	9.06	-16.52	-0.010	2.9	0.39	..
868	HN341	HN342	HN354	183.3631	9.06	-2.40	-0.012	0.5	0.26	..
869	BN201	BN203	F194	55.4838	9.06	3.95	-0.018	0.7	0.34	..
870	BN201	BN203	HN204	197.0136	9.06	-2.16	-0.040	0.4	0.44	..
871	BN201	BN203	BN018	77.5538	9.06	3.79	-0.019	0.5	0.61	..
872	HN205	HN204	BN203	177.4605	9.06	3.01	0.050	0.6	0.27	..
873	BN019	BN018	F194	215.0657	9.06	1.95	-0.001	0.6	0.14	1.
874	BN019	BN018	BN203	175.3712	9.06	3.63	-0.007	0.5	0.59	..
875	BN203	BN018	HN017	283.5000	9.06	12.40	-0.007	1.8	0.58	..
876	BN203	BN018	HN411	102.2652	9.06	-8.82	0.016	1.3	0.52	..
877	BN018	BN019	BN032	286.3609	9.06	4.39	-0.004	0.9	0.31	..
878	BN018	BN019	HN020	180.0801	9.06	-0.48	0.007	0.1	0.48	..
879	BN018	BN019	HN021	179.5429	9.06	-8.71	0.010	1.3	0.58	..
880	BN018	HN017	HN015	177.1915	9.06	0.74	-0.030	0.1	0.63	..
881	BN018	HN017	HN016	177.3507	9.06	6.75	-0.019	1.1	0.49	..
882	BN018	HN017	HN411	359.1509	9.06	3.68	0.012	0.4	0.82	..
883	HN412	HN411	BN018	178.2622	9.06	7.42	-0.020	1.4	0.33	..
884	BN019	BN032	BN031	154.1742	9.06	6.50	-0.008	1.5	0.22	..
885	HN021	HN020	BN019	180.2033	9.06	-0.29	-0.008	0.1	0.27	..
886	HN022	HN021	BN019	185.4407	9.06	1.65	-0.011	0.2	0.58	..
887	HN022	HN021	HN020	185.3718	9.06	-1.83	-0.007	0.3	0.55	..
888	BN240	BN239	BN236	154.1244	9.06	-0.36	-0.001	0.1	0.25	..
889	BK189	BN237	BN238	128.4939	9.06	-5.30	0.009	0.9	0.38	..
890	BK189	BN237	BN236	315.4218	9.06	8.99	-0.004	1.4	0.49	..
891	BN246	BN244	BN243	271.0107	9.06	-10.93	-0.004	1.6	0.60	..
892	BN246	BN244	HN191	339.4234	9.06	4.70	-0.004	0.6	0.76	..
893	BN246	BN244	HN245	86.5245	9.06	2.04	0.006	0.4	0.41	..
894	BN246	BN244	BN440	203.5624	9.06	5.39	0.006	0.9	0.44	..
895	BN128	BN127	BN243	133.3548	9.06	3.14	0.015	0.4	0.62	..
896	BN128	BN127	BN242	135.1608	9.06	-3.92	0.012	0.5	0.62	..
897	BN128	BN127	HN126	299.3343	9.06	-9.13	-0.008	1.6	0.41	..
898	BN244	HN245	HN200	177.1257	9.06	-6.14	0.010	0.9	0.60	..
899	BN244	HN245	HN199	177.2815	9.06	6.79	0.007	1.0	0.52	..
900	HN437	BN440	BN441	15.2658	9.06	-10.02	0.002	1.2	0.88	..
901	HN437	BN440	BN246	208.1206	9.06	12.63	-0.015	1.7	0.66	..
902	HN437	BN440	BN244	220.0047	9.06	-6.89	-0.011	1.0	0.57	..
903	HN437	BN440	BN438	276.0255	9.06	-2.74	-0.001	0.4	0.54	..
904	HN135	HN134	HN191	61.0531	9.06	-18.37	0.013	2.9	0.50	..
905	HN135	HN134	BN128	274.0017	9.06	1.99	-0.002	0.3	0.46	..
906	HN135	HN134	HN129	278.5400	9.06	8.46	-0.007	1.2	0.64	..
907	HN135	HN134	HN136	0.5856	9.06	7.60	-0.000	0.9	0.94	..
908	HN134	HN135	HN138	195.1150	9.06	11.87	0.000	2.5	0.28	..
909	HN134	HN135	HN136	186.0127	9.06	-5.18	-0.001	0.9	0.42	..
910	HN134	HN136	HN135	5.0215	9.06	3.23	-0.001	0.5	0.58	..
911	HN134	HN136	HN137	208.3904	9.06	-6.92	0.000	1.5	0.25	..
912	HN136	HN137	HN189	208.0302	9.06	-6.43	0.006	1.6	0.21	..
913	HN137	HN189	HN190	95.2608	9.06	-4.17	0.004	1.1	0.18	1.
914	BN246	HN197	HN196	90.1837	9.06	6.00	0.001	1.5	0.20	1.
915	HN365	HN364	BN363	110.1037	9.06	0.07	0.009	0.0	0.30	..
916	BN363	BN362	BN366	89.1201	9.06	-2.64	-0.011	0.3	0.70	..
917	BN363	BN362	HN360	268.5545	9.06	-5.05	0.004	0.7	0.64	..
918	BN363	BN362	BN361	273.5657	9.06	3.91	0.000	0.6	0.59	..
919	BN363	BN362	HN365	88.3856	9.06	-1.66	-0.009	0.2	0.55	..

920	BN029	HN033	HN016	158.5900	9.06	-2.39	-0.007	0.3	0.66	..
921	BN029	HN033	HN034	161.5039	9.06	8.23	-0.004	1.3	0.52	..
922	BN029	HN033	BN031	277.0838	9.06	-0.28	0.007	0.1	0.35	..
923	BN058	BN029	HN016	68.5509	9.06	-5.88	-0.005	0.8	0.73	..
924	BN058	BN029	HN033	83.3040	9.06	10.91	0.001	1.5	0.67	..
925	BN058	BN029	HN034	74.1900	9.06	-3.66	-0.002	0.5	0.70	..
926	BN058	BN029	BN030	172.0430	9.06	3.13	0.009	0.5	0.49	..
927	BN058	BN029	HN059	354.3435	9.06	-18.21	-0.003	2.2	0.85	..
928	BN058	BN029	HN028	229.1556	9.06	-8.85	0.006	1.7	0.32	..
929	HN037	HN036	HN035	256.0741	9.06	-15.52	0.004	3.6	0.22	.R
930	HN037	HN040	HN041	188.5809	9.06	5.09	-0.002	1.1	0.26	..
931	HN016	HN034	HN033	185.1525	9.06	-1.46	0.006	0.2	0.49	..
932	HN016	HN034	BN029	194.1242	9.06	-0.27	0.007	0.0	0.62	..
933	HN016	HN034	HN038	281.0816	9.06	8.44	-0.001	1.3	0.51	..
934	HN016	HN034	HN039	271.2327	9.06	-11.04	-0.004	1.5	0.65	..
935	BN030	BN031	BN032	251.1025	9.06	-6.85	0.001	1.6	0.22	..
936	BN030	BN031	HN033	88.1113	9.06	-5.71	-0.008	1.1	0.35	..
937	HN059	BN058	BN029	189.4038	9.06	-9.09	0.005	1.2	0.65	..
938	HN059	BN058	BN030	183.3852	9.06	-19.34	0.012	2.8	0.59	..
939	HN059	BN058	BN057	261.1441	9.06	-4.65	0.004	0.7	0.50	..
940	HN059	BN058	HN056	268.0336	9.06	2.65	0.005	0.4	0.70	..
941	HN059	BN058	HN055	265.0610	9.06	2.33	0.006	0.3	0.71	..
942	BN029	BN030	BN031	100.2359	9.06	-10.78	0.007	1.9	0.37	..
943	HN060	HN059	BN029	90.3744	9.06	-2.37	0.006	0.3	0.68	..
944	HN060	HN059	BN058	86.2313	9.06	-17.07	0.003	2.4	0.64	..
945	HN060	HN059	BN030	89.1009	9.06	8.22	0.013	1.1	0.64	..
946	BN029	HN028	HN027	220.2621	9.06	-12.32	0.004	2.5	0.28	..
947	HN411	HN412	HN413	179.3708	9.06	-5.61	0.020	1.0	0.41	..
948	HN419	HN412	HN411	102.5337	9.06	2.42	-0.012	0.4	0.39	..
949	HN039	HN038	HN042	9.0920	9.06	-16.17	-0.011	2.6	0.48	..
950	HN039	HN038	HN034	199.2203	9.06	-7.73	0.007	1.4	0.35	..
951	HN039	HN038	HN060	292.1039	9.06	2.11	0.005	0.4	0.37	..
952	HN035	HN039	HN034	37.5510	9.06	1.94	0.007	0.3	0.50	..
953	HN035	HN039	HN038	28.1841	9.06	-15.86	0.003	2.5	0.50	..
954	HN061	HN060	HN059	287.3427	9.06	-13.47	0.006	2.2	0.46	..
955	HN061	HN060	HN038	97.4108	9.06	-4.74	0.003	0.9	0.35	..
956	HN036	HN035	HN039	190.0530	9.06	-14.75	-0.001	3.5	0.22	.R
957	BN065	BN057	BN058	91.2027	9.06	2.79	0.005	0.5	0.33	..
958	BN065	BN057	HN056	282.1955	9.06	5.32	0.008	0.8	0.60	..
959	BN065	BN057	HN055	276.4522	9.06	2.90	0.009	0.4	0.69	..
960	BN065	BN057	HN054	279.0717	9.06	-9.10	0.012	1.2	0.72	..
961	HN055	HN056	BN057	196.0253	9.06	2.81	-0.002	0.5	0.38	..
962	HN055	HN056	HN054	11.3654	9.06	5.52	0.003	0.7	0.69	..
963	HN054	HN055	BN058	174.2320	9.06	-8.53	-0.006	1.1	0.72	..
964	HN054	HN055	BN057	175.5645	9.06	-14.40	-0.005	1.9	0.69	..
965	HN054	HN055	HN056	165.2756	9.06	14.21	-0.004	2.0	0.63	..
966	HN054	HN055	HN027	261.0242	9.06	14.25	0.000	2.8	0.33	..
967	HN028	HN027	HN055	252.2346	9.06	-13.62	-0.002	2.6	0.33	..
968	HN028	HN027	HN026	138.5508	9.06	-1.56	0.004	0.3	0.30	..
969	BN064	BN065	BN057	275.3323	9.06	2.30	0.002	0.4	0.45	..
970	BN064	BN065	HN053	4.2303	9.06	-12.76	0.002	1.5	0.89	..
971	HN025	HN054	BN052	188.5844	9.06	2.19	-0.012	0.3	0.73	..
972	HN025	HN054	BN057	291.4107	9.06	-8.32	-0.009	1.0	0.77	..
973	HN025	HN054	HN056	290.2803	9.06	-8.18	-0.008	1.0	0.74	..
974	HN025	HN054	HN055	293.2239	9.06	6.08	-0.007	0.8	0.74	..
975	HN025	HN054	HN053	188.0002	9.06	12.23	-0.008	1.6	0.70	..
976	HN025	HN054	HN425	120.5924	9.06	8.91	-0.003	1.6	0.39	..
977	HN060	HN061	HN041	227.0540	9.06	7.28	-0.010	1.5	0.31	..
978	HN060	HN061	HN062	98.4341	9.06	5.65	-0.003	1.1	0.33	..
979	HN040	HN041	HN042	224.0617	9.06	2.70	-0.007	0.5	0.30	..
980	HN040	HN041	HN061	91.5329	9.06	-2.97	0.003	0.6	0.30	..
981	BN063	HN062	HN061	186.2437	9.06	1.05	-0.006	0.2	0.26	..
982	BN385	BN359	BN355	197.2937	9.06	0.46	0.027	0.1	0.71	..
983	BN385	BN359	BN358	196.3047	9.06	0.55	0.024	0.1	0.65	..
984	BN385	BN359	HN281	105.1211	9.06	-2.24	0.012	0.3	0.68	..
985	BN385	BN359	HN360	276.2848	9.06	0.87	0.013	0.1	0.58	..
986	BN385	BN359	HN282	103.4108	9.06	4.36	0.011	0.6	0.58	..
987	BN292	BN291	HN289	93.1130	9.06	15.38	-0.004	2.8	0.37	..
988	BN292	BN291	BN293	184.3542	9.06	-2.52	-0.002	0.5	0.29	..
989	BN291	HN289	HN288	276.2548	9.06	11.39	-0.002	2.1	0.35	..
990	BN291	HN289	HN290	116.4413	9.06	3.28	-0.003	0.7	0.30	..
991	BN291	BN293	B98135	193.1627	9.06	-0.13	-0.000	0.0	0.10	1.
992	BN291	BN293	BN294	195.4251	9.06	7.10	0.000	1.3	0.38	..
993	HN280	HN288	HN289	267.1929	9.06	-6.31	0.011	1.1	0.42	..
994	HN280	HN288	HN286	359.0611	9.06	5.11	0.006	0.6	0.90	..
995	HN280	HN288	HN287	4.5210	9.06	13.57	0.009	1.9	0.65	..
996	HN289	HN290	HN284	254.4535	9.06	-4.53	-0.005	0.7	0.56	..
997	HN289	HN290	HN285	254.4759	9.06	7.23	-0.003	1.1	0.52	..
998	BN293	BN294	B98135	0.4825	9.06	12.44	0.000	1.5	0.84	..
999	BN293	BN294	BN407	203.0526	9.06	4.65	0.003	0.9	0.31	..
1000	BN294	BN407	BN278	67.4626	9.06	-3.18	-0.013	0.6	0.39	..
1001	BN294	BN407	BN408	247.1853	9.06	3.83	0.015	0.8	0.30	..
1002	BN3225	BN278	BN407	54.2808	9.06	-8.54	0.011	1.2	0.62	..
1003	BN3225	BN278	BN408	54.1542	9.06	4.81	0.023	0.6	0.73	..
1004	BN3225	BN278	HN405	242.2137	9.06	-1.90	-0.014	0.5	0.15	1.
1005	BN3225	BN278	BN279	132.4817	9.06	-4.42	-0.005	0.6	0.59	..
1006	BN3225	BN278	HN280	136.3358	9.06	4.95	-0.006	0.7	0.67	..
1007	BN407	BN408	B96033	71.5621	9.06	15.71	0.011	2.6	0.45	..

1008	BN265	HN405	HN004-1	86.5554	9.06	5.25	-0.003	1.3	0.21	..
1009	HN280	BN279	BN278	160.2536	9.06	0.53	0.000	0.1	0.42	..
1010	HN280	BN279	BN273	65.0412	9.06	15.54	-0.010	2.5	0.47	..
1011	HN281	HN280	HN288	278.5429	9.06	-8.35	0.010	1.1	0.73	..
1012	HN281	HN280	BN278	189.5233	9.06	0.11	-0.001	0.0	0.55	..
1013	HN281	HN280	BN279	205.4051	9.06	15.21	-0.001	2.3	0.51	..
1014	HN281	HN280	HN286	279.4002	9.06	11.12	0.005	1.4	0.73	..
1015	HN281	HN280	HN287	277.2757	9.06	-4.13	0.007	0.5	0.74	..
1016	BN273	BN265	HN405	269.4519	9.06	0.63	0.002	0.1	0.27	..
1017	BN273	BN265	HN266	91.3039	9.06	2.59	-0.005	0.6	0.23	..
1018	BN273	BN265	BPJ09	158.3805	9.06	13.20	-0.006	2.7	0.28	..
1019	HN406	HN004-1	HN405	293.1520	9.06	-7.18	0.008	1.5	0.30	..
1020	BN279	BN273	BN265	213.3126	9.06	17.78	-0.014	3.1	0.40	.R
1021	BN279	BN273	HN274	95.3951	9.06	1.43	-0.011	0.2	0.59	..
1022	BN279	BN273	HN517	95.3604	9.06	-3.44	-0.011	0.5	0.55	..
1023	HN282	HN281	BN359	359.3009	9.06	10.11	-0.000	1.1	0.96	..
1024	HN282	HN281	HN280	169.2041	9.06	7.13	-0.001	1.2	0.40	..
1025	HN280	HN281	HN515	86.1028	9.06	-3.72	0.003	0.7	0.31	..
1026	HN280	HN286	HN288	178.2029	9.06	-5.37	0.011	0.7	0.66	..
1027	HN280	HN286	HN287	172.4245	9.06	-12.57	0.009	1.7	0.64	..
1028	HN280	HN286	HN283	270.1445	9.06	2.08	0.006	0.3	0.63	..
1029	HN280	HN286	HN284	267.5711	9.06	8.44	0.006	1.2	0.60	..
1030	HN286	HN287	HN288	191.2407	9.06	-8.34	0.005	1.5	0.38	..
1031	HN286	HN287	HN280	5.0506	9.06	1.31	-0.006	0.2	0.79	..
1032	HN286	HN287	HN285	277.1416	9.06	-12.29	0.002	2.2	0.40	..
1033	HN027	HN026	HN025	232.1855	9.06	-5.57	0.004	1.1	0.33	..
1034	HN044	HN045	HN050	222.0740	9.06	1.95	0.009	0.4	0.35	..
1035	HN044	HN045	HN046	178.5514	9.06	4.76	0.007	0.8	0.38	..
1036	HN045	HN046	HN044	0.2305	9.06	-3.56	-0.002	0.4	0.92	..
1037	HN045	HN046	HN047	126.2439	9.06	1.89	0.007	0.4	0.23	..
1038	HN046	HN047	BN048	277.3327	9.06	1.79	0.008	0.4	0.24	..
1039	HN050	HN049	BN048	244.1144	9.06	0.33	0.006	0.1	0.38	..
1040	HN050	HN049	HN192	231.5239	9.06	-1.04	0.008	0.2	0.48	..
1041	HN050	HN049	HN193	230.5346	9.06	9.02	0.014	1.3	0.55	..
1042	HN054	HN053	BN048	180.5726	9.06	0.32	-0.012	0.0	0.66	..
1043	HN054	HN053	BN052	182.0511	9.06	-7.04	-0.008	1.0	0.66	..
1044	HN054	HN053	BN065	273.2258	9.06	3.49	-0.012	0.5	0.65	..
1045	HN054	HN053	BN064	279.3859	9.06	6.73	-0.007	1.0	0.57	..
1046	HN054	HN053	HN025	355.5824	9.06	16.47	0.004	1.9	0.92	..
1047	BN384	BN385	BN359	164.1455	9.06	2.58	0.020	0.4	0.47	..
1048	BN384	BN385	HN372	268.3112	9.06	-8.94	0.008	1.6	0.40	..
1049	BN359	HN360	BN361	227.2626	9.06	0.09	-0.002	0.0	0.34	..
1050	BN359	HN282	HN281	182.0029	9.06	8.29	0.001	1.4	0.41	..
1051	BN359	HN282	HN360	354.3104	9.06	-2.97	0.001	0.4	0.63	..
1052	BN359	HN282	HN276	93.5907	9.06	1.70	-0.004	1.3	0.02	1.
1053	BN263	BN384	BN385	163.5951	9.06	-6.47	0.021	1.0	0.51	..
1054	BN263	BN384	HN388	259.2527	9.06	-2.13	0.011	0.4	0.45	..
1055	BN263	BN384	BN262	22.4510	9.06	-5.67	0.008	0.8	0.66	..
1056	HN371	HN372	BN385	132.0436	9.06	7.88	0.005	1.8	0.23	..
1057	HN281	HN515	HN283	190.2448	9.06	-2.58	0.004	0.5	0.28	..
1058	BN362	BN361	BN386	80.3941	9.06	2.15	0.002	0.3	0.47	..
1059	BN362	BN361	HN360	168.0719	9.06	0.62	0.009	0.1	0.31	..
1060	HN275	HN276	HN516	89.3002	9.06	7.12	0.006	1.5	0.26	..
1061	BN384	BN263	BN262	343.3452	9.06	0.97	-0.004	0.1	0.68	..
1062	BN384	BN263	BN383	143.3014	9.06	5.97	-0.021	0.8	0.70	..
1063	BN384	BN263	HN378	70.2247	9.06	3.36	-0.012	0.5	0.58	..
1064	BN384	BN263	BN382	148.4142	9.06	4.06	-0.025	0.5	0.73	..
1065	BN384	BN263	BN483	150.5509	9.06	0.07	-0.027	0.0	0.75	..
1066	BN384	BN263	HN259	239.2248	9.06	-2.14	-0.013	0.9	0.07	1.
1067	BN384	HN388	HN373	173.0027	9.06	2.33	-0.001	0.4	0.39	..
1068	BN384	BN262	BN263	140.4946	9.06	2.64	-0.012	0.5	0.39	..
1069	BN384	BN262	HN261	233.5828	9.06	-7.59	-0.004	1.8	0.21	..
1070	HN370	HN371	HN372	178.3230	9.06	7.04	0.007	1.5	0.26	..
1071	BN263	BN383	BN382	199.4642	9.06	-5.19	-0.013	0.8	0.53	..
1072	BN263	BN383	BN483	200.0539	9.06	1.21	-0.015	0.2	0.65	..
1073	BN263	BN383	HN271	286.4637	9.06	8.34	-0.009	1.2	0.56	..
1074	HN376	HN378	BN263	239.1914	9.06	2.00	-0.005	0.3	0.49	..
1075	HN376	HN378	HN381	175.3113	9.06	-14.16	-0.015	1.9	0.69	..
1076	HN376	HN378	HN380	176.1128	9.06	-1.81	-0.012	0.3	0.60	..
1077	HN376	HN378	HN374	7.1302	9.06	-0.43	0.003	0.1	0.83	..
1078	HN376	HN378	HN379	91.3117	9.06	-7.06	-0.009	1.0	0.58	..
1079	BN483	BN382	BN383	179.1055	9.06	4.53	0.006	0.8	0.39	..
1080	BN483	BN382	HN381	202.1936	9.06	-4.67	0.004	0.7	0.52	..
1081	BN483	BN382	HN380	201.3633	9.06	-2.09	0.008	0.3	0.66	..
1082	BN482	BN483	BN382	174.4534	9.06	-6.66	0.006	1.0	0.55	..
1083	BN482	BN483	HN380	190.5353	9.06	8.10	0.012	1.2	0.57	..
1084	BN482	BN483	HN484	287.3804	9.06	-1.58	0.002	0.3	0.31	..
1085	BN482	BN483	HN272	85.2911	9.06	8.13	0.004	1.4	0.39	..
1086	HN260	HN259	HN258	252.3549	9.06	-3.29	-0.005	0.8	0.20	..
1087	BN366	HN373	HN376	178.4243	9.06	-11.58	-0.013	1.5	0.73	..
1088	BN366	HN373	HN374	181.4655	9.06	-3.59	-0.009	0.5	0.60	..
1089	BN366	HN373	BN369	358.5451	9.06	-13.87	-0.003	1.6	0.87	..
1090	BN366	HN373	HN370	11.3409	9.06	14.25	-0.005	1.8	0.76	..
1091	HN388	HN373	BN384	3.2812	9.06	4.14	0.001	0.5	0.84	..
1092	HN388	HN373	HN374	319.3103	9.06	2.70	-0.003	0.4	0.47	..
1093	BN262	HN261	HN260	75.2858	9.06	-7.45	-0.005	1.8	0.21	..
1094	HN261	HN260	HN259	202.1920	9.06	-5.28	-0.009	1.4	0.17	1.
1095	BN253	HN271	BN383	185.2326	9.06	-2.42	0.001	0.5	0.31	..

1096	BN253	HN271	BN254	4.2140	9.06	-14.52	0.000	1.7	0.88	..
1097	HN373	HN376	HN378	162.1108	9.06	-13.54	-0.011	1.9	0.60	..
1098	HN373	HN376	HN374	357.3151	9.06	-14.89	-0.003	1.8	0.86	..
1099	HN373	HN376	HN377	77.2439	9.06	2.85	-0.011	0.4	0.49	..
1100	BN382	HN381	HN380	178.4817	9.06	-2.51	0.006	0.5	0.38	..
1101	HN381	HN380	HN378	182.0116	9.06	1.50	0.010	0.3	0.39	..
1102	HN381	HN380	BN382	0.2852	9.06	-6.91	-0.002	0.8	0.90	..
1103	HN381	HN380	HN505	262.4901	9.06	1.41	0.001	0.2	0.50	..
1104	HN370	HN374	HN378	161.2955	9.06	-17.99	-0.013	2.3	0.74	..
1105	HN370	HN374	HN373	355.1009	9.06	-8.03	-0.002	1.0	0.83	..
1106	HN370	HN374	HN376	169.3702	9.06	15.09	-0.008	2.3	0.54	..
1107	HN370	HN374	BN375	71.4915	9.06	3.16	-0.009	0.5	0.53	..
1108	HN378	HN379	HN505	261.3626	9.06	-7.36	-0.009	1.4	0.36	..
1109	HN378	HN379	BN375	95.5227	9.06	-8.11	0.003	1.1	0.63	..
1110	HN378	HN379	HN377	97.3906	9.06	5.99	-0.000	0.9	0.60	..
1111	BN481	BN482	BN483	184.1030	9.06	5.59	0.009	1.0	0.35	..
1112	HN485	HN484	BN483	110.0934	9.06	1.01	0.008	0.2	0.26	..
1113	HN485	HN484	HN504	286.4339	9.06	1.91	0.004	0.4	0.23	..
1114	BN252	HN272	BN483	185.2122	9.06	-6.30	-0.000	1.4	0.24	..
1115	HN257	HN258	HN259	173.2333	9.06	-1.14	0.000	0.3	0.18	1.
1116	BN254	BN253	HN271	167.5831	9.06	-5.15	0.000	0.9	0.43	..
1117	BN254	BN253	BN252	269.1601	9.06	-15.27	-0.005	2.8	0.36	..
1118	BPJ05	BN254	BN383	189.2052	9.06	-1.51	0.001	0.2	0.64	..
1119	BPJ05	BN254	HN271	188.4725	9.06	1.31	0.001	0.2	0.64	..
1120	BPJ05	BN254	BN253	196.2749	9.06	-14.01	0.000	2.1	0.57	..
1121	HN380	HN505	HN379	96.0809	9.06	8.48	0.002	1.5	0.37	..
1122	HN380	HN505	HN504	277.1640	9.06	-2.60	-0.011	0.5	0.30	..
1123	HN380	HN505	HN506	190.2829	9.06	-6.48	-0.004	1.4	0.27	..
1124	BN461	BN481	BN482	184.2800	9.06	2.25	0.014	0.4	0.33	..
1125	BN461	BN481	BN460	358.5729	9.06	-2.79	-0.009	0.3	0.87	..
1126	BN461	BN481	BN249	88.1057	9.06	5.17	0.008	0.9	0.42	..
1127	HN484	HN485	HN486	94.1533	9.06	-1.65	-0.006	0.4	0.21	..
1128	HN505	HN504	HN484	268.1317	9.06	-1.64	-0.007	0.4	0.24	..
1129	BN253	BN252	HN272	83.1736	9.06	-4.27	-0.004	0.8	0.37	..
1130	BN253	BN252	BN250	173.0645	9.06	-12.63	-0.010	2.7	0.27	..
1131	BN460	BN461	BN481	182.0530	9.06	4.55	0.017	0.7	0.48	..
1132	BN460	BN461	HN462	269.0951	9.06	5.94	0.009	1.2	0.28	..
1133	BN461	BN460	BN510	202.0112	9.06	-5.76	-0.018	0.9	0.56	..
1134	BN461	BN460	BN514	231.0106	9.06	-10.18	-0.011	1.6	0.47	..
1135	BN461	BN460	HN454	268.1356	9.06	5.00	-0.009	0.8	0.47	..
1136	BN250	BN249	BN481	87.5444	9.06	-9.75	-0.004	1.8	0.34	..
1137	BN250	BN249	BN251	166.4949	9.06	-5.47	-0.008	1.5	0.16	1.
1138	HN463	HN462	BN461	95.4655	9.06	-5.28	0.006	1.2	0.25	..
1139	HN463	HN462	HN466	262.2818	9.06	3.65	0.007	0.9	0.21	..
1140	BN510	BN514	BN460	228.2255	9.06	7.78	0.009	1.5	0.34	..
1141	BN510	BN514	HN445	81.2154	9.06	10.78	0.005	1.9	0.41	..
1142	BN460	HN454	HN453	179.0233	9.06	3.11	0.000	0.6	0.33	..
1143	BN252	BN250	BN249	181.4100	9.06	-13.99	-0.010	3.1	0.25	.R
1144	BN249	BN251	BN298	170.1910	9.06	-4.82	-0.011	1.4	0.14	1.
1145	HN462	HN463	HN464	88.4442	9.06	0.13	-0.005	0.0	0.15	1.
1146	HN467	HN466	HN462	186.3826	9.06	-2.79	-0.002	0.7	0.20	..
1147	HN465	HN464	HN463	103.2014	9.06	-0.19	0.002	0.1	0.15	1.
1148	HN491	HN467	HN466	103.1348	9.06	-2.35	0.009	0.6	0.22	..
1149	HN491	HN467	HN468	180.5947	9.06	-8.59	0.011	1.3	0.51	..
1150	HN467	HN468	HN491	359.0826	9.06	-9.55	-0.010	1.3	0.63	..
1151	HN467	HN468	BN469	270.4009	9.06	0.25	0.004	0.1	0.24	..
1152	BN470	BN469	HN468	94.2351	9.06	0.14	0.002	0.0	0.23	..
1153	BN470	BN469	BN487	179.2837	9.06	1.94	0.006	0.5	0.20	..
1154	BN471	BN470	BN469	265.5356	9.06	2.72	-0.000	0.6	0.25	..
1155	HN486	BN487	BN469	182.0120	9.06	-2.49	-0.004	0.6	0.19	1.
1156	HN486	BN487	BN488	36.5910	9.06	1.90	-0.001	0.5	0.18	1.
1157	BN366	HN365	HN364	263.3417	9.06	2.90	0.008	0.5	0.37	..
1158	BN366	HN365	BN362	178.3314	9.06	4.45	0.006	0.7	0.45	..
1159	BN387	BN369	BN366	88.5517	9.06	-2.43	-0.005	0.4	0.59	..
1160	BN387	BN369	BN367	97.5202	9.06	2.32	-0.002	0.3	0.61	..
1161	BN387	BN369	HN373	266.2616	9.06	4.35	-0.012	0.6	0.55	..
1162	BN387	BN369	HN370	245.2540	9.06	-3.47	-0.010	0.6	0.42	..
1163	BN366	HN370	HN371	278.0945	9.06	6.53	-0.002	1.2	0.35	..
1164	BN366	HN370	HN373	198.0113	9.06	-16.39	-0.007	2.4	0.57	..
1165	BN366	HN370	HN374	193.0326	9.06	-2.21	-0.009	0.3	0.74	..
1166	BN366	HN370	BN369	344.2027	9.06	-0.32	-0.003	0.0	0.55	..
1167	BNI100	HN476	BN366	312.3700	9.06	-5.61	0.011	0.7	0.72	..
1168	BNI100	HN476	BN368	319.3846	9.06	6.55	0.008	0.9	0.64	..
1169	BNI100	HN476	BN479	228.2024	9.06	-8.64	-0.007	1.4	0.49	..
1170	BNI100	HN476	HN397	124.1914	9.06	15.01	-0.012	2.5	0.44	..
1171	BN369	BN387	BN386	179.4146	9.06	1.16	0.011	0.2	0.33	..
1172	BN487	HN486	HN485	141.4532	9.06	1.22	0.002	0.3	0.20	..
1173	BN507	HN506	HN505	137.3823	9.06	7.08	0.003	1.5	0.26	..
1174	BN507	HN506	BN500	351.1911	9.06	-8.00	-0.002	1.2	0.55	..
1175	BN489	BN488	BN487	129.5211	9.06	-1.74	-0.004	0.5	0.17	1.
1176	BN490	BN489	BN488	219.5339	9.06	-1.30	-0.006	0.4	0.14	1.
1177	BN492	BN471	BN470	85.1216	9.06	3.10	0.004	0.6	0.28	..
1178	BN492	BN471	HN473	182.5031	9.06	-10.15	0.009	2.4	0.22	..
1179	BN478	BN375	BN368	4.1531	9.06	-7.52	0.008	1.0	0.75	..
1180	BN478	BN375	HN374	275.5310	9.06	-4.50	0.002	0.7	0.47	..
1181	BN478	BN375	HN377	183.4531	9.06	-0.03	-0.007	0.0	0.40	..
1182	BN478	BN375	BN479	112.3849	9.06	1.88	-0.006	0.3	0.47	..
1183	HN379	HN377	HN376	86.0331	9.06	-5.54	0.009	0.9	0.45	..

1184	HN379	HN377	BN375	176.1451	9.06	-4.74	0.008	0.7	0.53	..
1185	HN379	HN377	BN478	174.3848	9.06	12.80	0.010	1.8	0.65	..
1186	BN375	BN478	BN368	185.3600	9.06	2.68	0.011	0.4	0.59	..
1187	BN375	BN478	HN477	254.1655	9.06	11.79	0.002	2.1	0.39	..
1188	BN375	BN479	HN476	100.3603	9.06	3.78	0.001	0.7	0.39	..
1189	BN375	BN479	BN480	235.5324	9.06	-1.42	-0.006	0.3	0.33	..
1190	BN502	BN507	HN506	292.2856	9.06	6.45	-0.001	1.1	0.40	..
1191	BN502	BN507	BN500	95.5240	9.06	5.16	-0.004	0.8	0.56	..
1192	BN502	BN507	HN499	90.5531	9.06	11.64	-0.006	1.7	0.57	..
1193	BN507	BN500	HN506	7.5526	9.06	-5.71	0.002	0.8	0.59	..
1194	BN507	BN500	HN499	171.4158	9.06	7.74	-0.004	1.5	0.33	..
1195	BN507	BN500	BN490	269.0913	9.06	-0.38	-0.005	0.1	0.20	1.
1196	BNI100	HN477	BN478	207.2528	9.06	-7.34	-0.001	1.5	0.30	..
1197	BN479	BN480	HN503	133.0600	9.06	-0.16	-0.006	0.0	0.33	..
1198	BN479	BN480	BN501	216.3102	9.06	-0.52	-0.006	0.1	0.25	..
1199	HN503	HN400	BNI100	114.3153	9.06	-8.50	0.013	1.5	0.41	..
1200	HN503	HN400	HN397	264.2304	9.06	13.63	0.001	1.8	0.69	..
1201	HN503	HN400	BNI125	260.5312	9.06	2.77	0.004	0.4	0.55	..
1202	HN398	HN397	BNI125	263.3324	9.06	-7.60	-0.000	1.4	0.37	..
1203	HN398	HN397	BN395	101.0607	9.06	6.22	-0.007	1.1	0.41	..
1204	HN400	HN503	BN480	279.4055	9.06	-0.08	-0.004	0.0	0.38	..
1205	HN400	HN503	BN502	186.2614	9.06	8.19	-0.011	1.4	0.41	..
1206	BN497	BNI125	BN399	162.1553	9.06	-14.86	0.010	2.3	0.52	..
1207	BN497	BNI125	HN400	69.5321	9.06	-15.04	0.007	2.4	0.49	..
1208	BN497	BNI125	HN397	260.2825	9.06	-1.39	0.000	0.2	0.48	..
1209	BN497	BNI125	BN395	271.1007	9.06	10.41	-0.005	1.4	0.65	..
1210	BN480	BN501	BN502	98.5700	9.06	0.10	-0.007	0.0	0.26	..
1211	HN503	BN502	BN507	167.1625	9.06	18.30	-0.006	3.4	0.34	.R
1212	HN503	BN502	BN501	275.3635	9.06	-0.53	0.000	0.1	0.28	..
1213	BN394	BN395	BN396	274.4557	9.06	-10.23	0.010	1.7	0.46	..
1214	BN394	BN395	HN397	197.2201	9.06	-3.86	0.008	0.6	0.54	..
1215	BN394	BN395	BNI125	190.3056	9.06	-1.89	0.011	0.3	0.60	..
1216	HN397	HN398	BN392	173.2852	9.06	-0.05	0.010	0.0	0.42	..
1217	HN424	HN192	HN049	184.5109	9.06	1.83	-0.016	0.4	0.29	..
1218	HN424	HN193	HN049	186.4327	9.06	4.02	-0.016	0.8	0.34	..
1219	HN424	HN193	HN194	113.4235	9.06	-16.78	-0.010	3.2	0.34	.R
1220	HN425	HN424	HN192	291.0126	9.06	3.83	-0.011	0.6	0.59	..
1221	HN425	HN424	HN193	288.1029	9.06	-2.29	-0.006	0.3	0.54	..
1222	HN425	HN424	HN423	90.4337	9.06	10.26	0.004	2.1	0.29	..
1223	HN193	HN194	HN198	110.3639	9.06	-5.51	0.002	0.8	0.56	..
1224	HN193	HN194	HN195	110.5303	9.06	-14.76	-0.001	2.3	0.51	..
1225	HN062	BN063	BN052	202.4547	9.06	-6.62	0.004	1.3	0.31	..
1226	HN062	BN063	BN064	104.1511	9.06	-0.65	0.006	0.1	0.31	..
1227	HN053	BN064	BN065	169.2108	9.06	-2.48	-0.007	0.4	0.41	..
1228	HN053	BN064	BN063	97.3733	9.06	0.74	-0.005	0.1	0.32	..
1229	HN026	HN025	BN052	232.3448	9.06	-17.72	-0.012	2.3	0.73	..
1230	HN026	HN025	HN054	226.4341	9.06	14.18	-0.004	1.9	0.69	..
1231	HN026	HN025	HN053	230.4259	9.06	-9.12	-0.008	1.2	0.73	..
1232	HN026	HN025	HN024	134.0501	9.06	5.09	0.006	0.9	0.39	..
1233	HN424	HN425	HN054	175.1735	9.06	-10.74	-0.002	2.0	0.35	..
1234	HN025	HN024	HN023	195.1412	9.06	-0.54	0.010	0.1	0.34	..
1235	HN276	HN275	HN274	262.3456	9.06	-8.37	-0.007	1.6	0.34	..
1236	HN276	HN275	HN268	194.0535	9.06	0.45	-0.011	0.1	0.30	..
1237	HN277	HN516	HN276	189.3027	9.06	-6.13	0.001	1.4	0.23	..
1238	HN286	HN283	HN515	266.4008	9.06	1.49	-0.002	0.3	0.28	..
1239	HN286	HN283	HN284	158.3430	9.06	0.12	-0.000	0.0	0.42	..
1240	HN286	HN284	HN283	340.5158	9.06	-0.24	-0.000	0.0	0.51	..
1241	HN286	HN284	HN285	93.3706	9.06	12.54	0.002	2.4	0.34	..
1242	HN290	HN285	HN287	268.1628	9.06	14.80	-0.002	2.8	0.34	..
1243	HN290	HN285	HN284	179.5455	9.06	-10.36	-0.004	2.0	0.32	..
1244	BNI125	BN497	BN496	81.3725	9.06	-1.24	-0.007	0.2	0.31	..
1245	BNI125	BN497	HN498	172.5921	9.06	15.73	-0.008	2.6	0.46	..
1246	BN494	BN496	BN497	89.2831	9.06	1.32	0.010	0.3	0.30	..
1247	BN497	HN498	BN495	85.0016	9.06	0.43	-0.008	0.2	0.04	1.
1248	BN497	HN498	HN499	172.5733	9.06	6.98	-0.011	1.4	0.31	..
1249	BN496	BN494	BN495	271.3242	9.06	-7.86	-0.004	1.7	0.27	..
1250	BN496	BN494	HN493	110.5646	9.06	4.44	-0.009	1.0	0.24	..
1251	BN450	BN495	BN494	278.4555	9.06	7.83	0.002	1.6	0.28	..
1252	HN498	HN499	BN500	264.2044	9.06	-13.13	-0.003	2.5	0.33	..
1253	HN498	HN499	HN472	187.2430	9.06	9.92	-0.008	2.3	0.23	..
1254	BN495	BN450	BN475	95.1855	9.06	-4.22	-0.010	0.6	0.54	..
1255	BN495	BN450	BN474	91.3727	9.06	-1.98	-0.007	0.3	0.54	..
1256	HN499	HN472	HN473	89.0840	9.06	10.63	-0.009	2.4	0.24	..
1257	BN500	BN490	BN489	133.0648	9.06	-0.85	-0.006	0.2	0.15	1.
1258	HN472	HN473	BN471	185.2401	9.06	9.99	-0.008	2.4	0.22	..
1259	BN390	HN391	BN394	184.0521	9.06	-0.72	-0.010	0.1	0.29	..
1260	HN024	HN023	HN022	106.1101	9.06	-0.82	0.012	0.1	0.43	..
1261	HN024	HN023	HN442	217.0035	9.06	-6.59	0.005	0.9	0.66	..
1262	HN024	HN023	BN433	210.1407	9.06	-0.58	0.005	0.1	0.70	..
1263	HN024	HN023	HN432	219.2425	9.06	0.06	0.003	0.0	0.68	..
1264	BN299	HN022	HN021	195.4645	9.06	-5.08	-0.010	0.8	0.52	..
1265	BN299	HN022	HN023	115.1753	9.06	7.11	-0.014	1.2	0.41	..
1266	BN299	HN022	HN410	292.2544	9.06	8.49	0.010	1.2	0.62	..
1267	HN023	HN442	BN433	169.2147	9.06	-2.97	0.001	0.5	0.52	..
1268	HN023	HN442	HN432	183.4900	9.06	-1.31	-0.001	0.2	0.50	..
1269	HN023	HN442	HN426	289.1830	9.06	-5.54	-0.007	1.0	0.39	..
1270	BN434	BN433	BN443	228.4722	9.06	-3.43	0.007	0.5	0.60	..
1271	BN434	BN433	HN023	147.3156	9.06	16.49	0.004	2.1	0.74	..

1272	BN434	BN433	HN442	143.4013	9.06	5.50	0.004	0.7	0.68	..
1273	BN434	BN433	HN432	68.2129	9.06	-10.29	0.003	1.6	0.48	..
1274	BN443	HN432	BN420	5.3224	9.06	-8.92	0.002	1.1	0.83	..
1275	BN443	HN432	HN023	278.3555	9.06	-6.61	-0.003	0.8	0.74	..
1276	BN443	HN432	HN442	280.0050	9.06	0.43	-0.003	0.1	0.68	..
1277	BN443	HN432	BN433	10.1448	9.06	-12.02	-0.002	1.7	0.62	..
1278	BN443	HN432	HN431	172.5410	9.06	3.92	-0.008	0.6	0.51	..
1279	HN022	HN410	HN409-1	166.1451	9.06	-3.70	0.029	0.5	0.63	..
1280	HN022	HN410	HN409	175.1205	9.06	-10.40	0.023	1.5	0.57	..
1281	HN427	HN426	HN424	86.1718	9.06	-7.22	-0.005	1.1	0.53	..
1282	HN427	HN426	HN442	291.3150	9.06	4.67	0.007	0.8	0.37	..
1283	HN427	HN426	HN423	92.5024	9.06	-0.78	-0.002	0.1	0.49	..
1284	BN433	BN434	HN431	320.5252	9.06	6.16	-0.006	0.8	0.72	..
1285	BN433	BN434	HN430	320.2434	9.06	10.69	-0.006	1.5	0.63	..
1286	BN433	BN434	HN435	141.0827	9.06	-1.62	-0.004	0.3	0.45	..
1287	BN433	BN434	BN438	211.3142	9.06	-2.99	-0.010	0.5	0.42	..
1288	HN432	HN431	BN434	89.5203	9.06	-1.49	-0.003	0.2	0.58	..
1289	HN432	HN431	HN430	91.0502	9.06	-1.56	-0.004	0.3	0.42	..
1290	HN432	HN431	HN428	276.1310	9.06	4.67	-0.004	1.0	0.29	..
1291	HN428	HN427	HN426	217.5043	9.06	-1.14	-0.002	0.2	0.29	..
1292	HN426	HN423	HN424	166.1317	9.06	-4.88	-0.005	1.0	0.32	..
1293	HN426	HN423	HN421	91.2914	9.06	5.10	-0.003	0.7	0.61	..
1294	HN426	HN423	HN422	91.2930	9.06	-5.99	-0.003	0.9	0.59	..
1295	BN273	HN274	HN275	171.2108	9.06	5.48	0.001	1.0	0.34	..
1296	BN273	HN274	HN267	270.1300	9.06	-5.33	-0.003	0.8	0.58	..
1297	BN273	HN274	HN277	91.0747	9.06	1.73	0.006	0.3	0.39	..
1298	HN517	HN274	HN267	270.0816	9.06	-1.23	-0.003	0.2	0.52	..
1299	BN273	HN517	HN274	180.0834	9.06	-2.23	0.000	0.5	0.24	..
1300	HN268	HN267	HN274	267.0324	9.06	1.93	0.004	0.3	0.51	..
1301	HN268	HN267	HN277	267.3806	9.06	0.54	0.010	0.1	0.57	..
1302	HN268	HN267	HN519	169.5524	9.06	-1.79	-0.001	0.4	0.27	..
1303	HN274	HN277	HN516	257.3830	9.06	-4.63	0.007	1.0	0.25	..
1304	HN274	HN277	HN267	359.3934	9.06	12.55	-0.003	1.5	0.88	..
1305	BN265	HN266	HN518	135.1339	9.06	2.54	-0.000	0.6	0.19	1.
1306	BPJ08	BPJ09	BN265	188.5437	9.06	-12.14	0.012	2.6	0.27	..
1307	BPJ08	BPJ09	HN264	353.2325	9.06	6.37	0.003	1.0	0.46	..
1308	BPJ08	BPJ09	HN520	110.0147	9.06	-6.74	0.010	1.8	0.17	1.
1309	HN267	HN268	HN275	99.4233	9.06	-0.44	0.005	0.1	0.31	..
1310	HN518	HN519	HN267	163.5141	9.06	2.17	0.000	0.6	0.16	1.
1311	HN266	HN518	HN519	204.3651	9.06	2.30	0.001	0.7	0.15	1.
1312	BPJ09	BPJ08	BN255	195.3307	9.06	8.09	-0.018	1.6	0.30	..
1313	BPJ09	HN264	HN256	179.3813	9.06	5.35	-0.018	1.2	0.26	..
1314	BPJ09	HN520	HN521	152.2510	9.06	-6.74	0.000	1.9	0.15	1.
1315	BPJ05	BN255	BPJ08	197.3718	9.06	-3.81	0.016	0.7	0.40	..
1316	HN256	BN255	BPJ05	87.4337	9.06	18.54	-0.008	3.0	0.47	..
1317	BPJ05	BN255	BN403	44.0707	9.06	-8.12	-0.001	1.3	0.46	..
1318	BN255	HN256	BPJ09	82.5758	9.06	-7.38	0.018	1.0	0.64	..
1319	BN255	HN256	HN264	82.4948	9.06	-3.65	0.011	0.5	0.58	..
1320	BN255	HN256	HN257	168.4456	9.06	-6.19	0.002	1.2	0.32	..
1321	HPJ04	BPJ05	BN404	85.4838	9.06	-16.33	0.009	2.1	0.73	..
1322	HPJ04	BPJ05	BN254	255.1134	9.06	-12.68	0.010	2.0	0.49	..
1323	HPJ04	BPJ05	BN255	169.5827	9.06	-14.91	0.016	2.3	0.53	..
1324	HPJ04	BPJ05	BN403	76.3039	9.06	-7.72	0.008	1.1	0.58	..
1325	BN404	BN403	BPJ05	164.1046	9.06	8.55	-0.000	1.5	0.38	..
1326	BN404	BN403	BN402	254.5927	9.06	-3.05	-0.008	0.5	0.50	..
1327	HPJ02	HPJ04	BN255	168.4842	9.06	-16.62	0.027	2.3	0.64	..
1328	HPJ02	HPJ04	BPJ05	173.2936	9.06	-18.66	0.019	2.6	0.60	..
1329	BN403	BN402	BN299	220.5523	9.06	-2.84	-0.023	0.4	0.60	..
1330	BN403	BN402	BN300	221.1113	9.06	3.80	-0.015	0.6	0.53	..
1331	HN256	HN257	HN259	194.1921	9.06	3.55	0.002	0.5	0.52	..
1332	HN256	HN257	HN258	197.2824	9.06	-6.06	0.001	1.0	0.47	..
1333	PJ01	HPJ02	HPJ04	197.2122	9.06	-18.63	0.017	3.2	0.40	.R
1334	PJ01	HPJ02	HN401	132.3722	9.06	-2.14	0.009	0.4	0.41	..
1335	HN401	HPJ02	HPJ04	64.4332	9.06	11.51	0.009	1.8	0.48	..
1336	HN429	HN430	BN434	255.0334	9.06	-7.13	0.004	1.1	0.53	..
1337	HN429	HN430	HN431	76.4437	9.06	2.28	0.002	0.4	0.32	..
1338	HN429	HN430	HN435	255.2425	9.06	-1.40	0.005	0.2	0.61	..
1339	HN436	HN435	BN434	180.2011	9.06	1.81	-0.002	0.3	0.39	..
1340	HN436	HN435	HN439	91.1253	9.06	-5.14	-0.007	0.8	0.51	..
1341	HN439	BN438	BN440	60.5511	9.06	-3.37	-0.009	0.6	0.43	..
1342	HN439	BN438	BN434	259.0649	9.06	-5.41	0.005	0.9	0.40	..
1343	HN439	BN438	HN199	168.3450	9.06	14.64	-0.004	2.7	0.36	..
1344	HN458	HN444	BN443	213.1455	9.06	-16.41	-0.000	3.4	0.28	.R
1345	BN248	HN451	BN420	280.2406	9.06	17.37	-0.006	3.3	0.34	.R
1346	BN248	HN451	HN452	203.1604	9.06	-5.67	-0.007	1.3	0.24	..
1347	HN431	HN428	HN427	147.0010	9.06	1.07	-0.002	0.2	0.24	..
1348	HN200	HN429	HN430	203.2357	9.06	-5.51	0.005	1.1	0.32	..
1349	HN423	HN421	HN422	0.0002	9.06	-12.49	-0.001	1.7	0.70	..
1350	HN423	HN421	HN200	160.4218	9.06	-1.15	-0.000	0.2	0.33	..
1351	HN423	HN422	HN421	179.5938	9.06	6.60	-0.001	1.2	0.35	..
1352	HN421	HN200	HN245	240.1951	9.06	5.01	-0.007	0.7	0.57	..
1353	HN421	HN200	HN429	84.5028	9.06	-5.09	0.003	1.0	0.32	..
1354	HN421	HN200	HN199	240.0151	9.06	-1.77	-0.002	0.3	0.56	..
1355	HN200	HN199	HN245	180.3341	9.06	-3.29	-0.008	0.6	0.36	..
1356	HN200	HN199	BN438	103.5121	9.06	-13.59	0.000	2.5	0.37	..
1357	HN200	HN199	HN198	282.1252	9.06	15.21	-0.007	2.9	0.34	..
1358	HN195	HN198	HN199	186.4812	9.06	-12.87	0.007	2.9	0.23	..
1359	HN435	HN436	HN437	238.2215	9.06	4.10	-0.005	0.7	0.40	..

1360	HN435	HN436	HN456	60.1013	9.06	1.07	0.005	0.2	0.36	..		
1361	HN435	HN439	BN438	260.2350	9.06	4.99	-0.006	0.8	0.45	..		
1362	HN435	HN439	HN437	85.5930	9.06	-9.50	-0.005	1.5	0.52	..		
1363	BN474	HN493	BN494	109.0931	9.06	-4.23	0.005	1.0	0.24	..		
1364	BN450	BN474	HK200	182.1752	9.06	5.37	-0.010	0.7	0.63	..		
1365	BN450	BN474	BN475	187.3423	9.06	-7.26	-0.007	1.1	0.50	..		
1366	BN450	BN474	HN473	275.5749	9.06	3.33	-0.008	1.0	0.15	1.		
1367	BN450	BN474	HN493	97.2331	9.06	-3.65	-0.001	0.8	0.27	..		
1368	HN465	HN449	HN448	125.1506	9.06	-1.43	-0.005	0.4	0.17	1.		
1369	HN449	HN465	HN464	128.3120	9.06	0.32	0.006	0.1	0.15	1.		
1370	HN194	HN195	HN198	179.2345	9.06	-9.78	0.006	2.1	0.26	..		
1371	HN194	HN195	HN196	279.4454	9.06	-8.17	-0.001	2.0	0.21	..		
1372	HN197	HN196	HN195	285.2148	9.06	6.43	0.001	1.6	0.20	..		
1373	HN439	HN437	BN510	153.4413	9.06	3.38	0.007	0.5	0.61	..		
1374	HN439	HN437	BN441	177.4506	9.06	-1.70	0.002	0.2	0.64	..		
1375	HN439	HN437	BN440	319.1653	9.06	-3.14	-0.009	0.4	0.69	..		
1376	HN439	HN437	HN436	61.1017	9.06	-6.25	0.007	1.0	0.50	..		
1377	BN441	HN447	HN446	219.1312	9.06	-10.56	0.007	2.3	0.25	..		
1378	HN445	HN446	HN447	191.4153	9.06	10.98	-0.004	2.4	0.26	..		
1379	HN445	HN446	HN456	271.5046	9.06	-4.88	-0.002	0.8	0.45	..		
1380	HN455	HN445	BN514	174.0142	9.06	-6.11	0.001	1.2	0.32	..		
1381	HN455	HN445	HN446	264.2503	9.06	8.06	-0.003	1.3	0.45	..		
1382	HN453	HN455	BN514	93.1239	9.06	-7.35	-0.003	1.0	0.69	..		
1383	HN453	HN455	HN445	95.2930	9.06	10.87	-0.004	1.5	0.64	..		
1384	HN453	HN455	HN456	189.1219	9.06	3.13	-0.006	0.6	0.30	..		
1385	HN453	HN455	HN457	268.4549	9.06	-6.96	-0.004	1.1	0.50	..		
1386	HN446	HN456	HN436	58.5855	9.06	-2.52	-0.002	0.5	0.37	..		
1387	HN446	HN456	HN453	273.5046	9.06	-1.96	0.007	0.3	0.52	..		
1388	HN446	HN456	HN459	182.1724	9.06	3.12	0.003	0.5	0.41	..		
1389	HN454	HN453	HN455	87.1204	9.06	-0.05	-0.004	0.0	0.68	..		
1390	HN454	HN453	HN456	92.4826	9.06	-4.96	-0.005	0.7	0.60	..		
1391	HN454	HN453	HN452	171.5752	9.06	4.39	-0.004	0.9	0.27	..		
1392	HN456	HN459	HN446	358.5813	9.06	7.14	-0.001	0.8	0.88	..		
1393	HN456	HN459	HN458	268.3157	9.06	2.44	0.002	0.5	0.32	..		
1394	HN455	HN457	BN514	3.0925	9.06	-5.08	0.001	0.7	0.70	..		
1395	HN455	HN457	HN458	183.2326	9.06	-4.86	-0.000	0.8	0.40	..		
1396	HN418	HN419	HN412	160.0328	9.06	0.18	-0.003	0.0	0.20	..		
1397	HN457	HN458	HN444	175.4917	9.06	-12.76	-0.002	3.0	0.22	.R		
1398	HN457	HN458	HN455	358.2021	9.06	9.45	-0.001	1.1	0.85	..		
1399	HN457	HN458	HN459	90.2600	9.06	-3.56	-0.001	0.7	0.32	..		
1400	HN453	HN452	HN451	289.1513	9.06	4.57	-0.003	1.0	0.25	..		
1401	BN296	BN295	BN248	154.0215	9.06	-3.50	-0.001	0.9	0.17	1.		
1402	BN402	BN300	BN299	179.2750	9.06	-4.28	-0.017	0.8	0.39	..		
1403	BN402	BN300	HN401	66.1947	9.06	12.96	-0.010	2.3	0.37	..		
1404	HN521	HN406	HN004-1	180.1807	9.06	-6.96	0.000	2.0	0.14	1.		
1405	HN520	HN521	HN406	190.5736	9.06	-6.83	-0.000	2.0	0.14	1.		
1406	BN251	BN298	BN297	258.0342	9.06	-3.43	-0.009	1.0	0.15	1.		
1407	BN298	BN297	BN296	207.3130	9.06	-3.26	-0.002	0.9	0.15	1.		
1408	BN297	BN296	BN295	193.4316	9.06	-3.32	-0.000	1.0	0.15	1.		
1409	FH96260	BN269	BN414	341.2907	9.06	3.15	-0.001	0.6	0.35	..		
1410	FH96260	BN269	BN270	142.5058	9.06	1.96	0.002	0.4	0.34	..		
1411	BN269	BN270	FH96258	185.1006	9.06	13.95	0.004	2.9	0.29	..		
1412	BN269	BN270	FH96256	182.1915	9.06	2.19	0.009	0.3	0.81	..		
1413	BN269	BN270	BN415	181.3531	9.06	-14.53	0.009	1.9	0.72	..		
1414	HN410	HN409	BN415	170.3359	9.06	-10.04	0.019	1.4	0.66	..		
1415	HN410	HN409	HN409-1	162.0740	9.06	-7.64	0.013	1.1	0.63	..		
1416	HN410	HN409	HN416	75.3151	9.06	-3.48	0.003	0.7	0.31	..		
1417	HN409	HN416	HN417	138.3557	9.06	-3.13	-0.009	0.7	0.23	..		
1418	BN300	HN401	HPJ02	206.5628	9.06	13.71	-0.003	2.6	0.33	..		
1419	HN416	HN417	HN418	234.3037	9.06	-4.62	-0.011	1.2	0.20	1.		
1420	HN417	HN418	HN419	202.0052	9.06	-2.79	-0.004	0.8	0.16	1.		
1421		G315	BN207	167.913	0.006	-0.006	-0.012	1.6	0.42	..	26391	
1422		HN208	G315	195.900	0.006	0.000	-0.014	0.1	0.38	..	949529	
1423		BN014-1	G315	451.507	0.006	-0.011	-0.032	2.1	0.72	..	42835	
1424		G315	BN005	127.666	0.006	-0.013	-0.009	2.5	0.70	..	9930	
1425		BN235	GH87	189.636	0.006	-0.000	-0.013	0.1	0.80	..	674334	
1426		BN240	GH87	223.150	0.006	0.004	-0.016	0.8	0.85	..	49880	
1427		BN241	GH87	217.463	0.006	-0.012	-0.015	2.1	0.84	..	18834	
1428		BN238	GH87	333.216	0.006	0.000	-0.024	0.0	0.83	..	4678094	
1429		BN243	GH87	241.580	0.006	0.001	-0.017	0.2	0.77	..	185951	
1430		BN242	GH87	217.028	0.006	-0.001	-0.015	0.2	0.83	..	162678	
1431		BN202	F194	262.408	0.006	0.006	-0.018	1.4	0.57	..	41430	
1432		BN203	F194	57.513	0.006	-0.002	-0.004	0.4	0.64	..	31604	
1433		BN018	F194	34.044	0.006	0.000	-0.002	0.0	0.78	..	523560	
1434		GF49	BN366	259.766	0.006	0.009	-0.019	1.5	0.90	..	30219	
1435		GF49	BN386	373.880	0.006	0.005	-0.027	1.1	0.62	..	69659	
1436		GF49	BNI100	148.498	0.006	0.008	-0.011	1.3	0.86	..	19619	
1437		GF49	BN396	117.929	0.006	-0.003	-0.008	0.7	0.65	..	34560	
1438		GF49	BN393	178.255	0.006	-0.003	-0.013	0.4	0.94	..	69657	
1439		GD02	BN201	915.921	0.006	0.010	-0.064	2.1	0.55	..	95603	
1440		BN202	GD02	810.334	0.006	0.008	-0.057	1.8	0.57	..	100071	
1441		GD04	BN355	205.481	0.006	0.001	-0.015	0.2	0.81	..	152354	
1442		GD04	BN358	211.051	0.006	0.008	-0.015	1.4	0.81	..	27479	
1443		GD04	BN292	291.148	0.006	0.011	-0.021	2.5	0.58	..	25534	
1444		BN331	GF01	82.414	0.006	0.000	-0.006	0.1	0.63	..	197649	
1445		GF01	HN329	97.391	0.006	0.005	-0.007	0.9	0.79	..	20062	
1446		GF01	BN508	249.217	0.006	0.002	-0.018	0.6	0.48	..	103399	
1447		GF01	BN350	189.422	0.006	-0.004	-0.014	0.8	0.65	..	46320	

1448	BN209	GH88	179.610	0.006	-0.004	-0.013	0.9	0.65	..	40015
1449	BN087	GH88	415.473	0.006	0.001	-0.030	0.3	0.65	..	283360
1450	BN002	GH88	463.347	0.006	-0.002	-0.033	0.4	0.69	..	227274
1451	HK211	BN209	75.820	0.006	-0.005	-0.005	1.0	0.61	..	15440
1452	BN238	HK186	76.496	0.006	-0.001	-0.005	0.1	0.81	..	114971
1453	HK195	BN235	55.508	0.006	-0.001	-0.004	0.1	0.78	..	97435
1454	HN226	HK195	133.431	0.006	-0.003	-0.009	0.6	0.68	..	43463
1455	HK195	HN179	76.485	0.006	-0.003	-0.005	0.7	0.55	..	25052
1456	HK195	HN181	94.651	0.006	-0.002	-0.007	0.3	0.93	..	52355
1457	HN181	HK193	153.791	0.006	-0.002	-0.011	0.4	0.89	..	70773
1458	HN181	HK194	32.776	0.006	-0.002	-0.002	0.4	0.88	..	13853
1459	HK194	HN170	103.597	0.006	-0.001	-0.007	0.1	0.72	..	154825
1460	BN236	BK189	38.517	0.006	-0.004	-0.003	0.7	0.92	..	9430
1461	BN237	BK189	37.150	0.006	-0.005	-0.003	1.0	0.89	..	6786
1462	BK190	BN236	63.525	0.006	0.006	-0.005	1.1	0.89	..	10249
1463	BK208	HN448	13.396	0.006	0.001	-0.001	0.1	0.48	..	24678
1464	BN509	BK209	87.984	0.006	0.002	-0.006	0.4	0.77	..	43845
1465	BK209	BN510	52.646	0.006	0.001	-0.004	0.1	0.85	..	67586
1466	BN441	BK209	85.915	0.006	0.004	-0.006	0.7	0.78	..	21834
1467	BK204	HN491	5.741	0.006	0.001	-0.000	0.2	0.54	..	5884
1468	BN394	HK198	51.321	0.006	0.011	-0.004	2.1	0.73	..	4844
1469	BN492	HK200	80.491	0.006	-0.004	-0.006	0.7	0.98	..	19751
1470	BN475	HK200	38.974	0.006	0.003	-0.003	0.7	0.54	..	12843
1471	BN474	HK200	71.967	0.006	0.003	-0.005	0.6	0.66	..	22746
1472	BN492	HK201	20.535	0.006	0.002	-0.001	0.3	0.98	..	10295
1473	BN492	HK202	37.290	0.006	0.001	-0.003	0.2	0.99	..	35589
1474	BN390	BI104	58.620	0.006	0.002	-0.004	0.4	0.60	..	34278
1475	BN389	HI108	102.023	0.006	0.002	-0.007	0.4	0.80	..	43268
1476	BI097	BN511	102.516	0.006	0.005	-0.007	1.1	0.66	..	19234
1477	BI097	HN354	63.135	0.006	-0.004	-0.005	0.7	0.89	..	15436
1478	BI097	BN367	79.118	0.006	0.004	-0.006	0.9	0.64	..	18607
1479	BI098	BN389	41.302	0.006	0.004	-0.003	0.8	0.74	..	9916
1480	BI098	BN392	42.994	0.006	0.004	-0.003	0.7	0.76	..	12230
1481	BI098	BN399	62.575	0.006	0.000	-0.004	0.0	0.47	..	688194
1482	BN366	BI101	9.822	0.006	-0.002	-0.001	0.3	0.88	..	5887
1483	BNI100	BI101	106.017	0.006	0.004	-0.008	0.6	0.87	..	29795
1484	BN367	BI101	64.087	0.006	0.002	-0.005	0.4	0.64	..	35181
1485	BN368	BI101	32.395	0.006	-0.004	-0.002	0.7	0.77	..	8667
1486	HN354	BI095	88.610	0.006	-0.002	-0.006	0.4	0.81	..	37903
1487	BN311	BI095	114.252	0.006	0.009	-0.008	1.8	0.74	..	12316
1488	BI095	BN363	115.849	0.006	0.010	-0.008	2.1	0.62	..	11686
1489	GPJ03	BN248	55.943	0.006	0.004	-0.004	0.9	0.61	..	12820
1490	BN443	GPJ03	81.337	0.006	-0.012	-0.006	2.3	0.73	..	6921
1491	BN420	GPJ03	54.419	0.006	-0.005	-0.004	1.1	0.70	..	10178
1492	GPJ03	BN299	75.405	0.006	-0.003	-0.005	0.6	0.70	..	25631
1493	HPJ02	PJ01	58.056	0.006	-0.008	-0.004	1.7	0.60	..	7264
1494	HN413	FH96261	183.792	0.006	0.014	-0.013	2.7	0.71	..	13354
1495	FH96260	BN414	12.941	0.006	0.000	-0.001	0.0	0.90	..	70387
1496	HN413	FH96260	71.121	0.006	-0.013	-0.005	2.6	0.72	..	5366
1497	BN269	FH96260	19.236	0.006	-0.000	-0.001	0.0	0.81	..	227397
1498	BN270	FH96258	34.642	0.006	-0.000	-0.002	0.0	0.76	..	226576
1499	BN270	FH96256	157.022	0.006	-0.002	-0.011	0.3	0.76	..	103533
1500	BN415	FH96452	69.980	0.006	-0.007	-0.005	1.3	0.73	..	10394
1501	HN409-1	FH96452	22.852	0.006	0.006	-0.002	1.1	0.85	..	3746
1502	BN404	FH96452	139.579	0.006	-0.006	-0.010	1.2	0.75	..	21884
1503	FH96453	BN404	56.202	0.006	-0.017	-0.004	3.2	0.74	.R	3380
1504	B96033	FH98326	87.339	0.006	-0.008	-0.006	1.5	0.72	..	11010
1505	FH98326	BN3225	91.809	0.006	0.001	-0.006	0.2	0.59	..	104983
1506	B96033	FH98327	35.620	0.006	-0.006	-0.003	1.2	0.72	..	5756
1507	BN293	B98135	12.391	0.006	0.004	-0.001	0.8	0.56	..	3342
1508	BN294	B98135	37.340	0.006	-0.001	-0.003	0.1	0.59	..	61069
1509	HI096	HN354	54.262	0.006	-0.002	-0.004	0.3	0.82	..	34904
1510	BN343	HI096	67.112	0.006	0.005	-0.005	1.0	0.67	..	13701
1511	HI056	BN343	70.553	0.006	0.002	-0.005	0.4	0.67	..	35950
1512	BNI058	HI056	32.514	0.006	0.005	-0.002	1.0	0.80	..	6064
1513	HI093	BN343	102.294	0.006	0.002	-0.007	0.4	0.68	..	53264
1514	BN347	HI093	105.715	0.006	0.003	-0.008	0.6	0.86	..	34277
1515	BN347	HI092	40.608	0.006	0.000	-0.003	0.0	0.86	..	362270
1516	HN345	HI092	16.269	0.006	-0.002	-0.001	0.3	0.93	..	9630
1517	BN350	HI091	30.500	0.006	-0.004	-0.002	0.9	0.64	..	6954
1518	HI091	BN347	49.144	0.006	0.003	-0.004	0.6	0.86	..	14779
1519	BN351	HI091	103.625	0.006	-0.005	-0.007	0.9	0.76	..	21049
1520	HI091	BN349	40.881	0.006	0.005	-0.003	1.0	0.69	..	7880
1521	BN313	BI066	21.336	0.006	-0.003	-0.002	0.6	0.78	..	6864
1522	BN313	FH98346	104.251	0.006	0.001	-0.007	0.2	0.81	..	81237
1523	BN301	FH98348	11.833	0.006	-0.001	-0.001	0.1	0.73	..	16996
1524	BN302	FH98348	34.656	0.006	-0.003	-0.002	0.6	0.75	..	10477
1525	BN302	FB98203	24.393	0.006	0.000	-0.002	0.1	0.75	..	49310
1526	BN303	FB98204	51.133	0.006	-0.004	-0.004	0.7	0.74	..	13441
1527	FB98204	BN304	104.212	0.006	-0.004	-0.007	0.8	0.58	..	28457
1528	BI094	BN339	87.763	0.006	0.013	-0.006	2.3	0.82	..	6954
1529	BN308	BI094	20.337	0.006	-0.001	-0.001	0.3	0.39	..	17347
1530	B98208	BN309	31.580	0.006	0.003	-0.002	0.6	0.71	..	9911
1531	BN309	B98209	59.190	0.006	-0.012	-0.004	2.4	0.71	..	4937
1532	B98210	BN310	50.026	0.006	0.002	-0.004	0.5	0.61	..	20567
1533	BN207	BN014-1	323.644	0.006	-0.005	-0.023	1.1	0.63	..	63146
1534	BN207	BN206	108.236	0.006	-0.002	-0.008	0.7	0.32	..	47851
1535	HN001	HN208	94.618	0.006	-0.003	-0.007	0.9	0.39	..	27356

1536	BN005	HN208	206.640	0.006	0.004	-0.015	1.0	0.57	..	46671
1537	BN014-1	BN206	274.068	0.006	-0.006	-0.019	1.3	0.57	..	45083
1538	BN014-1	HN010	106.190	0.006	-0.002	-0.007	0.4	0.79	..	55608
1539	HN012	BN014-1	57.474	0.006	-0.002	-0.004	0.4	0.86	..	27856
1540	BN014-1	BN014	35.768	0.006	0.002	-0.003	0.4	0.87	..	17208
1541	HN013	BN014-1	37.317	0.006	0.000	-0.003	0.1	0.88	..	113856
1542	HN181	BN235	49.876	0.006	-0.003	-0.004	0.6	0.84	..	15324
1543	BN180	BN235	89.530	0.006	-0.000	-0.006	0.0	0.49	..	694488
1544	BN240	BN241	57.193	0.006	-0.002	-0.004	0.5	0.57	..	27557
1545	BN240	BN242	93.544	0.006	-0.003	-0.007	0.5	0.62	..	37100
1546	BN240	BN239	33.485	0.006	0.004	-0.002	0.9	0.40	..	9486
1547	BN241	BN243	40.373	0.006	-0.006	-0.003	1.1	0.71	..	7121
1548	BN241	BN242	36.529	0.006	-0.001	-0.003	0.2	0.75	..	40372
1549	BN238	BN236	98.497	0.006	0.001	-0.007	0.2	0.74	..	79154
1550	BN238	BN509	83.103	0.006	0.002	-0.006	0.4	0.66	..	46718
1551	BN238	BN510	129.948	0.006	0.001	-0.009	0.2	0.78	..	158489
1552	BN238	BN237	43.618	0.006	0.000	-0.003	0.1	0.76	..	122812
1553	BN242	BN243	25.321	0.006	0.001	-0.002	0.2	0.85	..	21417
1554	BN243	BN244	77.233	0.006	0.002	-0.005	0.4	0.66	..	38264
1555	BN127	BN243	107.381	0.006	0.001	-0.008	0.3	0.63	..	77056
1556	BN242	BN127	82.207	0.006	0.002	-0.006	0.4	0.64	..	46525
1557	BN366	BNI100	113.934	0.006	-0.001	-0.008	0.3	0.83	..	81195
1558	BN362	BN366	65.184	0.006	-0.004	-0.005	0.7	0.74	..	16945
1559	HN373	BN366	87.652	0.006	-0.002	-0.006	0.4	0.77	..	44560
1560	HN365	BN366	24.868	0.006	-0.004	-0.002	0.9	0.55	..	5960
1561	BN369	BN366	38.497	0.006	-0.002	-0.003	0.3	0.81	..	24181
1562	HN370	BN366	56.859	0.006	-0.003	-0.004	0.6	0.78	..	17143
1563	HN476	BN366	126.203	0.006	-0.002	-0.009	0.3	0.81	..	74298
1564	BN361	BN386	36.665	0.006	-0.000	-0.003	0.0	0.63	..	775527
1565	BN386	BN387	40.609	0.006	-0.002	-0.003	0.6	0.40	..	17378
1566	BNI100	BN511	145.193	0.006	-0.003	-0.010	0.5	0.90	..	50240
1567	BN368	BNI100	75.981	0.006	0.001	-0.005	0.1	0.81	..	111947
1568	BNI100	HN476	19.451	0.006	0.003	-0.001	0.6	0.84	..	6258
1569	BNI100	HN477	68.011	0.006	-0.005	-0.005	1.2	0.50	..	13791
1570	BNI100	HN400	43.521	0.006	0.004	-0.003	0.8	0.73	..	10818
1571	BN393	BN396	60.360	0.006	0.000	-0.004	0.1	0.63	..	231615
1572	BN396	BN395	102.134	0.006	0.003	-0.007	0.7	0.63	..	29716
1573	BN390	BN393	31.019	0.006	-0.002	-0.002	0.5	0.55	..	14335
1574	BN393	BN392	48.218	0.006	0.009	-0.003	1.8	0.61	..	5585
1575	BN202	BN201	106.466	0.006	0.002	-0.007	0.4	0.49	..	61853
1576	BN203	BN201	184.559	0.006	0.011	-0.013	2.6	0.52	..	16371
1577	BN358	BN355	29.223	0.006	-0.005	-0.002	0.9	0.78	..	5995
1578	BN355	BN292	86.934	0.006	0.003	-0.006	0.8	0.55	..	25399
1579	BN356	BN355	40.077	0.006	0.003	-0.003	0.6	0.72	..	13769
1580	BN312	BN355	79.647	0.006	0.007	-0.006	1.3	0.71	..	11830
1581	BN359	BN355	130.966	0.006	0.001	-0.009	0.1	0.68	..	213410
1582	BN355	BN408	269.577	0.006	0.006	-0.019	1.4	0.56	..	43549
1583	BN357	BN358	105.063	0.006	0.002	-0.007	0.3	0.74	..	60801
1584	BN359	BN358	101.813	0.006	0.002	-0.007	0.5	0.65	..	42559
1585	BN292	BN291	54.327	0.006	0.016	-0.004	4.0	0.45	.R	3348
1586	BN332	BN331	63.933	0.006	0.006	-0.005	1.2	0.59	..	11240
1587	BN331	BN330	140.530	0.006	0.002	-0.010	0.4	0.67	..	64688
1588	HN333	HN329	73.139	0.006	0.001	-0.005	0.1	0.76	..	110177
1589	BN330	HN329	55.187	0.006	0.000	-0.004	0.1	0.77	..	143862
1590	HN329	BN328	106.234	0.006	0.001	-0.008	0.2	0.74	..	97514
1591	BN301	BN508	25.412	0.006	-0.002	-0.002	0.5	0.48	..	12239
1592	BN351	BN350	73.311	0.006	-0.001	-0.005	0.2	0.56	..	99372
1593	BN210	BN209	89.519	0.006	0.001	-0.006	0.1	0.57	..	140164
1594	BN211	BN209	132.145	0.006	-0.005	-0.009	1.1	0.62	..	26158
1595	BN087	BN002	47.881	0.006	-0.002	-0.003	0.3	0.70	..	31412
1596	HN217	BN087	132.012	0.006	-0.001	-0.009	0.3	0.53	..	108444
1597	BN218	BN087	88.925	0.006	0.001	-0.006	0.1	0.64	..	148189
1598	BN087	HN086	51.838	0.006	-0.002	-0.004	0.5	0.43	..	28242
1599	BN218	BN002	136.807	0.006	-0.002	-0.010	0.4	0.58	..	70115
1600	BN002	HN001	34.203	0.006	-0.002	-0.002	0.5	0.62	..	14699
1601	BN002	BN003	29.578	0.006	-0.002	-0.002	0.4	0.66	..	16165
1602	HN233	HN226	62.603	0.006	0.000	-0.004	0.1	0.64	..	229056
1603	BN225	HN226	51.442	0.006	-0.001	-0.004	0.1	0.70	..	81032
1604	HN227	HN226	90.893	0.006	-0.002	-0.006	0.4	0.71	..	42868
1605	HN179	BN183	147.775	0.006	-0.003	-0.011	0.7	0.57	..	47605
1606	HN179	HN178	45.785	0.006	-0.003	-0.003	0.8	0.45	..	14614
1607	HN182	HN181	44.637	0.006	-0.005	-0.003	1.2	0.50	..	8773
1608	HN170	BN174	73.947	0.006	-0.004	-0.005	0.7	0.71	..	20769
1609	HN171	HN170	40.088	0.006	-0.002	-0.003	0.5	0.73	..	16303
1610	HN170	HN120	70.436	0.006	-0.001	-0.005	0.2	0.51	..	68236
1611	BN236	BN239	62.780	0.006	0.000	-0.004	0.1	0.46	..	256633
1612	BN236	BN237	55.056	0.006	-0.001	-0.004	0.1	0.80	..	86803
1613	HN491	HN448	94.811	0.006	-0.005	-0.007	1.3	0.45	..	18399
1614	HN448	HN449	10.383	0.006	-0.001	-0.001	0.4	0.26	..	8176
1615	BN509	BN510	48.766	0.006	0.001	-0.003	0.2	0.76	..	47251
1616	BN509	BN460	125.145	0.006	0.001	-0.009	0.2	0.66	..	102771
1617	BN441	BN510	41.554	0.006	0.001	-0.003	0.2	0.84	..	34856
1618	BN510	BN460	77.954	0.006	-0.000	-0.006	0.1	0.77	..	166838
1619	BN510	BN514	50.544	0.006	0.002	-0.004	0.4	0.78	..	21231
1620	BN510	HN437	93.030	0.006	0.005	-0.007	0.9	0.78	..	19595
1621	BN441	BN440	158.486	0.006	0.004	-0.011	0.7	0.72	..	44426
1622	BN441	BN460	119.267	0.006	-0.001	-0.008	0.2	0.73	..	98195
1623	BN441	HN437	67.851	0.006	0.002	-0.005	0.4	0.80	..	33904

1624	BN441	HN447	60.938	0.006	-0.002	-0.004	0.4	0.56	..	37768
1625	HN467	HN491	97.862	0.006	0.003	-0.007	0.6	0.62	..	36663
1626	HN468	HN491	112.837	0.006	-0.000	-0.008	0.0	0.61	..	704545
1627	BN394	HN397	76.528	0.006	0.003	-0.005	0.6	0.70	..	23708
1628	BN394	BN1125	101.707	0.006	0.007	-0.007	1.4	0.69	..	13997
1629	BN394	BN395	37.852	0.006	0.004	-0.003	0.8	0.68	..	9063
1630	HN391	BN394	59.655	0.006	0.000	-0.004	0.1	0.48	..	132877
1631	BN471	BN492	72.363	0.006	-0.002	-0.005	0.5	0.53	..	36412
1632	BN450	BN475	68.067	0.006	0.002	-0.005	0.4	0.52	..	39673
1633	BN474	BN475	33.253	0.006	0.001	-0.002	0.2	0.58	..	45760
1634	BN390	HN391	101.033	0.006	0.000	-0.007	0.1	0.48	..	322900
1635	BN511	BN389	36.018	0.006	0.000	-0.003	0.1	0.57	..	93884
1636	HN342	HN354	80.516	0.006	-0.001	-0.006	0.3	0.45	..	62136
1637	BN369	BN367	97.543	0.006	0.002	-0.007	0.4	0.59	..	48239
1638	BN389	BN392	84.292	0.006	0.005	-0.006	1.0	0.62	..	18327
1639	HN398	BN392	98.959	0.006	-0.000	-0.007	0.1	0.46	..	373564
1640	BN1125	BN399	88.491	0.006	0.002	-0.006	0.4	0.47	..	48871
1641	BN368	HN476	89.752	0.006	0.004	-0.006	0.7	0.77	..	23028
1642	BN375	BN368	114.183	0.006	0.005	-0.008	0.8	0.80	..	24889
1643	BN478	BN368	86.833	0.006	0.007	-0.006	1.4	0.75	..	12203
1644	BN310	BN311	29.009	0.006	-0.003	-0.002	0.6	0.75	..	8825
1645	BN311	BN357	59.015	0.006	0.004	-0.004	0.7	0.83	..	15865
1646	BN311	BN356	109.569	0.006	0.001	-0.008	0.2	0.78	..	127592
1647	BN311	BN312	81.916	0.006	0.003	-0.006	0.6	0.81	..	25770
1648	BN363	HN364	34.708	0.006	-0.002	-0.002	0.4	0.55	..	20224
1649	BN363	BN362	68.808	0.006	0.006	-0.005	1.2	0.65	..	12223
1650	HN451	BN248	36.986	0.006	-0.005	-0.003	1.0	0.63	..	7906
1651	BN295	BN248	28.499	0.006	-0.002	-0.002	0.8	0.19	1.	14358
1652	BN443	BN420	26.962	0.006	-0.009	-0.002	1.7	0.67	..	3149
1653	BN433	BN443	18.422	0.006	0.004	-0.001	0.7	0.82	..	4610
1654	HN432	BN443	34.700	0.006	0.002	-0.002	0.3	0.74	..	22288
1655	BN443	HN444	13.316	0.006	0.004	-0.001	1.1	0.42	..	3100
1656	HN432	BN420	61.292	0.006	-0.008	-0.004	1.6	0.64	..	7888
1657	BN420	HN451	82.470	0.006	-0.001	-0.006	0.3	0.63	..	60395
1658	BN299	HN022	87.225	0.006	-0.003	-0.006	0.6	0.61	..	32782
1659	BN402	BN299	160.714	0.006	-0.001	-0.011	0.3	0.57	..	111853
1660	BN300	BN299	79.486	0.006	-0.001	-0.006	0.2	0.59	..	91771
1661	BN414	HN413	67.391	0.006	-0.016	-0.005	3.2	0.72	.R	4161
1662	BN414	BN269	29.651	0.006	-0.002	-0.002	0.3	0.63	..	18851
1663	HN413	HN412	95.579	0.006	-0.017	-0.007	4.5	0.38	.R	5669
1664	BN415	HN409-1	57.013	0.006	-0.013	-0.004	2.4	0.78	..	4373
1665	HN004-1	BN415	282.903	0.006	-0.003	-0.020	0.6	0.48	..	113068
1666	BN270	BN415	155.777	0.006	0.002	-0.011	0.3	0.68	..	94847
1667	BN415	HN409	120.238	0.006	-0.010	-0.008	2.2	0.58	..	11760
1668	BN404	HN409-1	162.036	0.006	-0.002	-0.011	0.4	0.67	..	87498
1669	HN410	HN409-1	127.669	0.006	-0.001	-0.009	0.1	0.58	..	231877
1670	HN409	HN409-1	64.722	0.006	0.003	-0.005	0.7	0.62	..	19684
1671	BPJ05	BN404	154.663	0.006	-0.015	-0.011	3.0	0.68	.R	10323
1672	BN404	BN403	91.667	0.006	-0.009	-0.006	1.9	0.62	..	9982
1673	BN408	B96033	68.223	0.006	0.005	-0.005	1.0	0.65	..	13700
1674	BN278	BN3225	58.437	0.006	0.008	-0.004	1.8	0.54	..	7346
1675	BN344	BN1058	64.942	0.006	0.004	-0.005	0.8	0.75	..	16347
1676	HN341	BN1058	36.317	0.006	-0.005	-0.003	1.1	0.57	..	7049
1677	BN347	HN345	41.915	0.006	-0.000	-0.003	0.1	0.85	..	87104
1678	BN347	BN348	57.384	0.006	-0.001	-0.004	0.2	0.69	..	47202
1679	BN347	BN344	75.015	0.006	-0.002	-0.005	0.4	0.68	..	38144
1680	HN352	BN347	134.621	0.006	0.007	-0.010	1.4	0.64	..	20250
1681	HN345	BN344	33.094	0.006	0.005	-0.002	0.9	0.74	..	7174
1682	HN345	HN346	26.309	0.006	0.002	-0.002	0.5	0.47	..	11666
1683	BN335	BN351	58.661	0.006	0.004	-0.004	0.8	0.71	..	14186
1684	BN349	BN336	33.792	0.006	-0.002	-0.002	0.4	0.67	..	19129
1685	BN349	BN348	61.428	0.006	0.005	-0.004	0.8	0.84	..	13339
1686	BN330	BN313	42.872	0.006	0.000	-0.003	0.0	0.73	..	797065
1687	BN313	HN314	52.154	0.006	0.000	-0.004	0.0	0.68	..	344450
1688	BN301	BN302	46.356	0.006	-0.002	-0.003	0.4	0.68	..	25158
1689	BN301	BN315	52.063	0.006	-0.001	-0.004	0.2	0.69	..	46403
1690	BN302	BN317	32.108	0.006	0.001	-0.002	0.1	0.75	..	64208
1691	BN303	BN304	53.104	0.006	-0.001	-0.004	0.1	0.59	..	98808
1692	HN321	BN303	19.922	0.006	-0.001	-0.001	0.2	0.78	..	15299
1693	HN320	BN303	55.460	0.006	-0.001	-0.004	0.1	0.79	..	93133
1694	BN305	BN304	39.806	0.006	-0.005	-0.003	1.1	0.59	..	8104
1695	BN338	BN339	40.116	0.006	-0.001	-0.003	0.2	0.75	..	32018
1696	BN339	HN346	70.872	0.006	0.004	-0.005	0.9	0.47	..	18129
1697	BN339	BN340	43.413	0.006	0.004	-0.003	0.9	0.66	..	10047
1698	BN307	BN308	17.184	0.006	0.005	-0.001	1.3	0.46	..	3158
1699	BN309	BN353	51.564	0.006	0.007	-0.004	1.8	0.45	..	7157
1700	BN310	BN357	86.429	0.006	-0.002	-0.006	0.4	0.73	..	43901
1701	BN310	BN356	137.919	0.006	-0.001	-0.010	0.3	0.69	..	108699
1702	BN210	BN211	42.725	0.006	0.002	-0.003	0.4	0.71	..	20429
1703	BN210	HN234	57.713	0.006	0.002	-0.004	0.3	0.69	..	37687
1704	BN210	BN212	88.100	0.006	-0.001	-0.006	0.2	0.65	..	95217
1705	BN211	BN212	45.562	0.006	-0.002	-0.003	0.4	0.73	..	20531
1706	BN211	HN233	44.447	0.006	-0.001	-0.003	0.2	0.74	..	40776
1707	HN234	HN233	24.195	0.006	-0.000	-0.002	0.1	0.73	..	88128
1708	HN234	HN232	41.695	0.006	-0.001	-0.003	0.2	0.56	..	55716
1709	BN231	BN212	24.837	0.006	-0.001	-0.002	0.2	0.69	..	22475
1710	BN212	HN213	89.351	0.006	-0.001	-0.006	0.3	0.50	..	64170
1711	HN233	HN232	17.500	0.006	-0.000	-0.001	0.1	0.60	..	37554

1712	HN232	BN231	37.508	0.006	-0.001	-0.003	0.3	0.59	..	29471
1713	BN231	BN230	11.506	0.006	-0.001	-0.001	0.2	0.48	..	11931
1714	HN213	HN214	43.681	0.006	-0.003	-0.003	0.8	0.45	..	12821
1715	HN213	HN224	99.250	0.006	-0.002	-0.007	0.4	0.72	..	45826
1716	HN227	BN225	39.849	0.006	-0.001	-0.003	0.1	0.78	..	52018
1717	BN230	BN225	67.855	0.006	-0.000	-0.005	0.0	0.58	..	314374
1718	BN225	BN183	38.266	0.006	-0.001	-0.003	0.1	0.78	..	65918
1719	HN224	HN227	58.128	0.006	-0.005	-0.004	1.1	0.67	..	10904
1720	HN228	HN227	37.943	0.006	-0.001	-0.003	0.3	0.40	..	38274
1721	HN227	BN183	15.414	0.006	-0.000	-0.001	0.0	0.92	..	620879
1722	HN227	BN177	61.359	0.006	0.001	-0.004	0.2	0.77	..	58951
1723	BN230	HN229	37.543	0.006	-0.002	-0.003	0.4	0.66	..	21398
1724	HN229	HN228	32.302	0.006	-0.000	-0.002	0.1	0.39	..	76848
1725	HN214	HN215	60.418	0.006	-0.000	-0.004	0.1	0.56	..	254778
1726	HN214	HN216	123.227	0.006	-0.002	-0.009	0.6	0.50	..	50614
1727	BN223	HN224	82.110	0.006	-0.002	-0.006	0.3	0.77	..	53506
1728	HN224	BN184	83.787	0.006	-0.000	-0.006	0.0	0.77	..	931047
1729	HN188	HN224	174.734	0.006	-0.003	-0.012	0.6	0.64	..	62198
1730	BN177	BN183	48.906	0.006	0.000	-0.003	0.1	0.80	..	103768
1731	BN183	BN184	140.084	0.006	-0.005	-0.010	1.0	0.73	..	26901
1732	BN183	HN176	79.677	0.006	0.001	-0.006	0.1	0.70	..	147830
1733	BN177	HN176	31.483	0.006	-0.001	-0.002	0.2	0.74	..	37229
1734	HN178	BN177	63.538	0.006	-0.002	-0.005	0.6	0.39	..	29673
1735	BN177	BN175	71.215	0.006	-0.003	-0.005	0.7	0.70	..	20963
1736	BN177	BN161	75.755	0.006	0.000	-0.005	0.1	0.63	..	196426
1737	BN160	BN177	116.249	0.006	0.000	-0.008	0.0	0.69	..	1016538
1738	HN215	HN216	62.868	0.006	-0.002	-0.004	0.3	0.60	..	39165
1739	HN215	BN223	81.710	0.006	0.002	-0.006	0.3	0.80	..	54251
1740	BN184	HN215	109.324	0.006	-0.000	-0.008	0.1	0.76	..	306162
1741	HN216	HN217	29.994	0.006	-0.002	-0.002	0.4	0.49	..	16109
1742	HN216	HN221	29.799	0.006	0.001	-0.002	0.2	0.51	..	33779
1743	BN220	HN216	71.522	0.006	-0.000	-0.005	0.0	0.75	..	532017
1744	BN223	BN184	27.638	0.006	-0.002	-0.002	0.4	0.89	..	13347
1745	BN222	BN223	28.345	0.006	0.001	-0.002	0.2	0.40	..	37373
1746	HN188	BN223	92.991	0.006	-0.002	-0.007	0.4	0.72	..	45307
1747	BN223	BN185	58.671	0.006	-0.000	-0.004	0.1	0.71	..	117442
1748	BN185	BN184	31.676	0.006	-0.002	-0.002	0.3	0.72	..	18290
1749	BN184	HN186	82.970	0.006	-0.002	-0.006	0.5	0.71	..	35476
1750	HN217	BN218	43.219	0.006	-0.002	-0.003	0.4	0.58	..	26116
1751	HN221	BN220	42.195	0.006	-0.002	-0.003	0.4	0.47	..	23254
1752	BN220	BN222	27.007	0.006	-0.001	-0.002	0.1	0.39	..	48171
1753	HN085	HN188	82.837	0.006	-0.004	-0.006	0.9	0.67	..	19398
1754	HN188	HN186	33.357	0.006	-0.001	-0.002	0.2	0.79	..	38675
1755	BN185	HN158	66.718	0.006	-0.001	-0.005	0.1	0.67	..	124288
1756	BN157	BN185	36.115	0.006	-0.003	-0.003	0.7	0.72	..	10379
1757	BN185	HN152	114.728	0.006	0.002	-0.008	0.3	0.67	..	72399
1758	BN219	BN218	47.764	0.006	-0.003	-0.003	0.7	0.52	..	15287
1759	BN220	BN219	58.264	0.006	-0.002	-0.004	0.4	0.43	..	32873
1760	HN085	HN086	40.716	0.006	-0.001	-0.003	0.3	0.44	..	38599
1761	HN001	BN003	62.553	0.006	-0.004	-0.004	1.0	0.53	..	14541
1762	BN003	BN004	51.859	0.006	-0.003	-0.004	0.5	0.58	..	20639
1763	BN003	BN005	108.138	0.006	-0.005	-0.008	1.1	0.61	..	20291
1764	BN004	HN085	78.198	0.006	-0.003	-0.006	0.6	0.76	..	25232
1765	HN085	HN084	40.665	0.006	0.001	-0.003	0.2	0.70	..	33379
1766	BN004	BN005	56.307	0.006	-0.001	-0.004	0.2	0.70	..	49315
1767	HN084	BN005	60.501	0.006	-0.004	-0.004	0.8	0.72	..	14196
1768	BN005	BN006	125.565	0.006	-0.001	-0.009	0.2	0.61	..	116247
1769	BN206	HN205	236.315	0.006	0.001	-0.017	0.2	0.22	..	470664
1770	HN084	HN082	97.353	0.006	-0.002	-0.007	0.3	0.72	..	59626
1771	HN186	HN084	107.442	0.006	-0.003	-0.008	0.5	0.67	..	39801
1772	HN187	HN084	104.226	0.006	-0.007	-0.007	1.5	0.64	..	14101
1773	HN084	HN083	129.977	0.006	-0.001	-0.009	0.2	0.70	..	136828
1774	BN006	HN083	91.424	0.006	-0.004	-0.006	0.8	0.73	..	21749
1775	BN006	BN007	80.884	0.006	0.001	-0.006	0.1	0.62	..	146142
1776	BN006	BN008	112.094	0.006	0.002	-0.008	0.4	0.55	..	59959
1777	HN083	HN082	32.915	0.006	-0.002	-0.002	0.3	0.70	..	20097
1778	HN082	HN080	121.699	0.006	-0.001	-0.009	0.2	0.67	..	110328
1779	HN082	HN081	84.659	0.006	-0.003	-0.006	0.5	0.71	..	31774
1780	HN082	HN154	61.683	0.006	-0.001	-0.004	0.3	0.71	..	44456
1781	BN156	HN187	29.490	0.006	-0.001	-0.002	0.2	0.67	..	31488
1782	HN187	HN154	62.680	0.006	0.000	-0.004	0.1	0.75	..	170272
1783	HN083	HN080	88.933	0.006	-0.003	-0.006	0.5	0.68	..	34612
1784	HN083	HN081	51.844	0.006	-0.002	-0.004	0.5	0.68	..	22652
1785	BN157	HN158	30.673	0.006	0.001	-0.002	0.3	0.73	..	22792
1786	HN158	HN152	48.296	0.006	0.001	-0.003	0.2	0.71	..	48949
1787	HN159	HN158	35.833	0.006	-0.001	-0.003	0.1	0.54	..	61695
1788	HN158	HN150	87.460	0.006	-0.001	-0.006	0.1	0.68	..	131491
1789	BN157	HN152	78.624	0.006	0.003	-0.006	0.5	0.72	..	28535
1790	BN161	BN157	93.408	0.006	-0.001	-0.007	0.2	0.61	..	108922
1791	BN160	BN157	52.680	0.006	-0.000	-0.004	0.0	0.69	..	1886645
1792	BN157	BN156	70.357	0.006	0.000	-0.005	0.0	0.74	..	660780
1793	BN153	HN152	102.479	0.006	-0.002	-0.007	0.4	0.74	..	49216
1794	HN152	HN150	39.251	0.006	-0.001	-0.003	0.2	0.70	..	51118
1795	HN176	BN175	40.041	0.006	-0.004	-0.003	0.7	0.79	..	11128
1796	BN166	HN176	73.864	0.006	0.003	-0.005	0.5	0.74	..	28065
1797	HN176	HN173	69.401	0.006	-0.002	-0.005	0.4	0.78	..	33316
1798	HN176	BN174	54.899	0.006	-0.000	-0.004	0.1	0.74	..	119086
1799	BN175	BN174	15.079	0.006	0.005	-0.001	0.9	0.75	..	3334

1800	BN167	BN175	65.938	0.006	-0.001	-0.005	0.2	0.75	..	62902
1801	BN175	HN171	50.396	0.006	-0.001	-0.004	0.2	0.72	..	45336
1802	BN161	HN162	25.158	0.006	0.001	-0.002	0.1	0.50	..	46855
1803	BN161	BN160	40.727	0.006	0.000	-0.003	0.0	0.66	..	235580
1804	BN174	BN180	75.722	0.006	-0.004	-0.005	0.9	0.52	..	19552
1805	HN171	HN182	57.653	0.006	0.003	-0.004	0.6	0.59	..	22325
1806	BN167	BN166	36.129	0.006	-0.002	-0.003	0.3	0.76	..	19754
1807	HN168	BN166	50.246	0.006	0.001	-0.004	0.1	0.72	..	84423
1808	HN169	BN166	66.628	0.006	-0.000	-0.005	0.0	0.74	..	748472
1809	BN165	BN166	49.701	0.006	-0.001	-0.004	0.1	0.52	..	90263
1810	BN174	HN173	14.511	0.006	-0.002	-0.001	0.4	0.80	..	6132
1811	HN173	HN171	22.529	0.006	0.002	-0.002	0.4	0.81	..	9715
1812	HN169	HN173	64.611	0.006	-0.002	-0.005	0.5	0.72	..	27308
1813	BN174	HN171	35.620	0.006	-0.004	-0.003	0.8	0.74	..	8457
1814	HN168	BN167	14.195	0.006	0.001	-0.001	0.2	0.73	..	12305
1815	BN167	HN169	30.508	0.006	-0.001	-0.002	0.2	0.71	..	26097
1816	BN163	HN162	56.511	0.006	0.000	-0.004	0.0	0.62	..	362331
1817	BN160	BN164	35.643	0.006	-0.002	-0.003	0.4	0.46	..	22324
1818	BN160	BN156	122.990	0.006	-0.001	-0.009	0.2	0.63	..	135731
1819	BN164	BN163	16.204	0.006	-0.002	-0.001	0.6	0.43	..	7004
1820	BN163	BN165	35.732	0.006	-0.002	-0.003	0.4	0.46	..	20679
1821	BN155	BN156	34.914	0.006	0.001	-0.002	0.2	0.73	..	30531
1822	BN153	BN156	71.093	0.006	0.002	-0.005	0.4	0.80	..	34035
1823	BN153	BN155	36.363	0.006	-0.001	-0.003	0.2	0.74	..	39028
1824	BN155	HN159	55.305	0.006	-0.002	-0.004	0.5	0.49	..	25502
1825	BN106	BN155	87.493	0.006	0.003	-0.006	0.5	0.68	..	32797
1826	BN153	HN154	38.415	0.006	-0.002	-0.003	0.4	0.68	..	19055
1827	BN106	BN153	51.296	0.006	0.004	-0.004	0.7	0.79	..	13523
1828	BN153	BN105	66.111	0.006	0.000	-0.005	0.1	0.75	..	168312
1829	BN107	BN153	34.851	0.006	0.003	-0.002	0.6	0.75	..	11605
1830	HN150	HN109	16.052	0.006	-0.002	-0.001	0.4	0.62	..	8900
1831	HN150	HN149	26.039	0.006	-0.001	-0.002	0.4	0.35	..	20659
1832	HN081	HN080	37.094	0.006	0.002	-0.003	0.5	0.69	..	14899
1833	BN007	HN080	88.049	0.006	-0.004	-0.006	0.8	0.73	..	21719
1834	HN079	HN080	30.082	0.006	-0.002	-0.002	0.5	0.62	..	13065
1835	HN079	HN081	67.167	0.006	0.001	-0.005	0.3	0.67	..	53590
1836	HN081	BN106	69.673	0.006	0.002	-0.005	0.5	0.71	..	28629
1837	BN007	BN008	31.229	0.006	0.001	-0.002	0.2	0.60	..	32831
1838	BN007	BN009	120.976	0.006	0.001	-0.009	0.1	0.60	..	175806
1839	BN008	BN009	89.759	0.006	-0.000	-0.006	0.1	0.62	..	356334
1840	BN008	HN010	112.806	0.006	0.002	-0.008	0.5	0.61	..	48182
1841	BN009	HN010	23.090	0.006	0.001	-0.002	0.2	0.79	..	19549
1842	BN072	BN009	49.161	0.006	0.003	-0.003	0.6	0.80	..	16225
1843	BN009	HN012	75.846	0.006	-0.003	-0.005	0.5	0.79	..	29280
1844	BN009	HN011	49.125	0.006	-0.000	-0.003	0.0	0.76	..	931251
1845	BN073	HN010	44.696	0.006	0.001	-0.003	0.3	0.83	..	31963
1846	HN010	HN012	52.795	0.006	-0.001	-0.004	0.1	0.85	..	85847
1847	HN010	HN011	26.067	0.006	-0.003	-0.002	0.5	0.78	..	10313
1848	BN102	HN079	49.956	0.006	0.002	-0.004	0.4	0.67	..	28227
1849	HN079	HN078	28.672	0.006	-0.000	-0.002	0.1	0.70	..	81530
1850	HN077	HN079	87.468	0.006	-0.002	-0.006	0.3	0.61	..	55565
1851	BN106	BN105	14.867	0.006	-0.004	-0.001	0.8	0.83	..	3438
1852	BN106	BN107	17.220	0.006	-0.001	-0.001	0.1	0.86	..	25565
1853	BN107	BN105	31.626	0.006	-0.005	-0.002	1.0	0.73	..	6015
1854	HN111	BN105	45.184	0.006	-0.001	-0.003	0.3	0.67	..	33793
1855	BN104	BN105	19.557	0.006	-0.001	-0.001	0.3	0.58	..	14624
1856	BN107	HN108	92.344	0.006	-0.002	-0.007	0.4	0.65	..	44149
1857	HN111	BN104	25.780	0.006	-0.000	-0.002	0.1	0.59	..	56177
1858	HN110	HN111	61.654	0.006	0.000	-0.004	0.1	0.79	..	131815
1859	HN111	HN112	22.892	0.006	0.001	-0.002	0.3	0.72	..	16404
1860	BN104	BN103	48.763	0.006	-0.001	-0.003	0.2	0.63	..	47793
1861	HN109	HN108	14.765	0.006	0.005	-0.001	0.9	0.78	..	3229
1862	HN108	HN110	24.347	0.006	0.005	-0.002	1.0	0.64	..	4834
1863	HN109	HN110	10.087	0.006	-0.001	-0.001	0.1	0.86	..	17892
1864	HN109	HN113	34.498	0.006	0.000	-0.002	0.0	0.72	..	192092
1865	HN109	BN114	75.217	0.006	0.000	-0.005	0.0	0.76	..	348500
1866	HN110	HN113	24.478	0.006	0.001	-0.002	0.1	0.74	..	35059
1867	HN110	BN114	65.359	0.006	0.001	-0.005	0.2	0.75	..	65244
1868	BN332	HN333	74.415	0.006	-0.004	-0.005	0.7	0.72	..	20207
1869	BN332	BN330	76.907	0.006	-0.004	-0.006	0.9	0.68	..	17801
1870	HN333	BN334	91.370	0.006	-0.002	-0.007	0.4	0.71	..	49293
1871	BN335	HN333	115.971	0.006	-0.008	-0.008	1.5	0.72	..	14823
1872	BN334	BN328	64.720	0.006	0.000	-0.005	0.0	0.73	..	740266
1873	BN334	BN327	34.486	0.006	-0.002	-0.002	0.3	0.72	..	21783
1874	BN335	BN334	24.876	0.006	-0.003	-0.002	0.7	0.65	..	7557
1875	BN315	HN314	29.169	0.006	-0.001	-0.002	0.1	0.68	..	52118
1876	HN314	BN316	102.189	0.006	0.000	-0.007	0.0	0.62	..	738164
1877	BN319	BN328	19.529	0.006	0.000	-0.001	0.0	0.74	..	75375
1878	BN328	BN327	30.307	0.006	0.001	-0.002	0.3	0.77	..	21596
1879	BN317	BN315	32.445	0.006	0.000	-0.002	0.0	0.72	..	317653
1880	BN316	BN318	32.871	0.006	0.000	-0.002	0.0	0.72	..	750000
1881	BN316	BN319	25.230	0.006	-0.003	-0.002	0.7	0.58	..	7517
1882	BN317	BN318	65.528	0.006	-0.006	-0.005	1.3	0.60	..	10369
1883	BN318	HN321	73.430	0.006	-0.001	-0.005	0.1	0.65	..	106574
1884	HN320	HN321	35.813	0.006	0.000	-0.003	0.0	0.77	..	194849
1885	HN321	HN324	89.885	0.006	-0.006	-0.006	1.1	0.78	..	15759
1886	BN319	HN320	42.399	0.006	-0.002	-0.003	0.3	0.73	..	26863
1887	BN327	BN319	47.597	0.006	0.003	-0.003	0.5	0.79	..	16901

1888	HN322	HN320	29.916	0.006	-0.001	-0.002	0.1	0.67	..	49962
1889	HN320	HN326	37.089	0.006	0.003	-0.003	0.6	0.86	..	11718
1890	HN323	HN320	86.536	0.006	-0.003	-0.006	0.5	0.80	..	32054
1891	HN323	HN324	37.311	0.006	0.002	-0.003	0.5	0.68	..	16364
1892	HN324	BN305	18.097	0.006	0.002	-0.001	0.4	0.65	..	8980
1893	HN322	HN325	30.753	0.006	-0.001	-0.002	0.2	0.86	..	30670
1894	HN323	HN322	56.668	0.006	-0.001	-0.004	0.3	0.70	..	44462
1895	BN327	HN326	37.848	0.006	-0.005	-0.003	1.0	0.72	..	7693
1896	HN325	HN326	34.766	0.006	-0.002	-0.002	0.4	0.71	..	16115
1897	HN149	HN148	33.358	0.006	-0.003	-0.002	0.6	0.50	..	12965
1898	HN113	BN114	41.047	0.006	0.001	-0.003	0.2	0.71	..	41231
1899	HN112	HN113	60.045	0.006	0.001	-0.004	0.1	0.80	..	81381
1900	BN114	BN100	48.170	0.006	-0.000	-0.003	0.0	0.78	..	525818
1901	BN114	HN119	73.237	0.006	-0.001	-0.005	0.1	0.53	..	144488
1902	BN114	BN115	34.846	0.006	0.002	-0.002	0.3	0.75	..	21699
1903	BN114	HN118	44.917	0.006	-0.001	-0.003	0.1	0.68	..	73913
1904	BN114	BN101	131.134	0.006	0.002	-0.009	0.4	0.66	..	63824
1905	HN148	HN147	16.040	0.006	-0.000	-0.001	0.1	0.35	..	56592
1906	HN112	BN100	55.059	0.006	0.001	-0.004	0.2	0.69	..	55948
1907	BN100	BN101	84.436	0.006	0.000	-0.006	0.1	0.66	..	178325
1908	BN100	HN099	24.020	0.006	0.001	-0.002	0.2	0.47	..	27991
1909	HN146	HN119	32.412	0.006	0.001	-0.002	0.4	0.39	..	24469
1910	HN119	HN120	72.005	0.006	-0.002	-0.005	0.5	0.48	..	32583
1911	HN116	BN115	19.033	0.006	0.002	-0.001	0.3	0.72	..	10597
1912	HN117	BN115	30.327	0.006	-0.000	-0.002	0.1	0.50	..	82912
1913	BN115	BN512	68.509	0.006	-0.001	-0.005	0.4	0.41	..	46523
1914	HN116	HN118	21.532	0.006	0.003	-0.002	0.7	0.71	..	6414
1915	BN101	BN102	43.584	0.006	0.002	-0.003	0.3	0.71	..	25542
1916	BN101	HN078	48.315	0.006	0.003	-0.003	0.5	0.69	..	18904
1917	BN103	BN102	24.023	0.006	0.001	-0.002	0.3	0.49	..	19703
1918	HN099	HN098	26.567	0.006	0.002	-0.002	0.4	0.48	..	17082
1919	HN147	HN168	44.550	0.006	0.000	-0.003	0.0	0.47	..	1288119
1920	HN147	HN146	30.207	0.006	0.001	-0.002	0.3	0.39	..	23732
1921	HN168	HN169	16.433	0.006	-0.002	-0.001	0.3	0.72	..	10759
1922	HN121	HN120	33.066	0.006	0.004	-0.002	0.8	0.63	..	8851
1923	HN120	HN125	108.103	0.006	0.002	-0.008	0.3	0.62	..	70475
1924	BN336	BN335	93.760	0.006	-0.003	-0.007	0.6	0.74	..	28085
1925	BN337	BN335	133.030	0.006	-0.003	-0.010	0.6	0.56	..	53043
1926	BN336	BN337	39.491	0.006	0.003	-0.003	0.6	0.62	..	13764
1927	BN336	HN323	54.394	0.006	0.001	-0.004	0.2	0.71	..	47523
1928	HN323	HN325	48.541	0.006	-0.004	-0.003	0.8	0.74	..	12018
1929	BN338	BN348	47.006	0.006	0.002	-0.003	0.5	0.68	..	19812
1930	BN340	BN344	77.358	0.006	0.003	-0.006	0.5	0.76	..	28036
1931	BN337	BN338	33.707	0.006	-0.003	-0.002	0.8	0.56	..	9814
1932	BN338	HN352	31.254	0.006	0.004	-0.002	0.9	0.59	..	7440
1933	HN323	BN305	55.255	0.006	0.005	-0.004	0.9	0.73	..	11934
1934	BN305	BN306	21.249	0.006	-0.004	-0.002	0.9	0.40	..	6002
1935	BN306	BN307	55.662	0.006	0.001	-0.004	0.1	0.41	..	97202
1936	HN121	HN125	76.177	0.006	-0.001	-0.005	0.2	0.63	..	89934
1937	HN121	HN122	35.594	0.006	-0.004	-0.003	0.7	0.64	..	10136
1938	HN124	HN125	18.763	0.006	0.003	-0.001	0.5	0.70	..	7258
1939	HN125	HN126	28.551	0.006	-0.002	-0.002	0.5	0.39	..	13875
1940	HN122	HN116	84.965	0.006	0.001	-0.006	0.2	0.57	..	76643
1941	HN122	HN123	25.393	0.006	-0.001	-0.002	0.2	0.53	..	29731
1942	HN116	HN133	44.440	0.006	-0.001	-0.003	0.2	0.30	..	85401
1943	HN098	HN116	64.054	0.006	-0.002	-0.005	0.4	0.61	..	36358
1944	HN123	HN124	47.240	0.006	-0.001	-0.003	0.2	0.58	..	46852
1945	HN123	HN130	76.031	0.006	0.002	-0.005	0.4	0.52	..	40668
1946	HN124	HN130	28.957	0.006	-0.002	-0.002	0.3	0.64	..	18747
1947	HN129	HN124	50.767	0.006	0.000	-0.004	0.0	0.59	..	341553
1948	BN127	HN126	78.925	0.006	-0.001	-0.006	0.2	0.47	..	106351
1949	HN132	HN133	60.540	0.006	-0.001	-0.004	0.4	0.32	..	43269
1950	HN131	HN130	99.727	0.006	-0.001	-0.007	0.2	0.70	..	99733
1951	HN130	HN129	21.895	0.006	-0.002	-0.002	0.3	0.57	..	13815
1952	HN098	HN117	16.264	0.006	-0.002	-0.001	0.5	0.47	..	7262
1953	BN512	BN141	59.946	0.006	-0.002	-0.004	0.6	0.42	..	25415
1954	HN131	HN132	21.307	0.006	0.002	-0.002	0.5	0.33	..	11701
1955	HN078	HN077	58.957	0.006	-0.002	-0.004	0.5	0.64	..	24103
1956	HN078	BN070	116.537	0.006	-0.001	-0.008	0.2	0.65	..	141740
1957	HN098	HN097	35.034	0.006	-0.003	-0.002	0.8	0.30	..	13830
1958	HN096	HN097	31.309	0.006	0.005	-0.002	1.5	0.32	..	6283
1959	HN095	HN096	31.084	0.006	0.001	-0.002	0.3	0.28	..	33068
1960	HN077	BN070	57.664	0.006	0.001	-0.004	0.1	0.72	..	109272
1961	HN077	BN071	47.363	0.006	-0.002	-0.003	0.4	0.73	..	22192
1962	HN077	BN069	85.043	0.006	-0.000	-0.006	0.1	0.71	..	209805
1963	BN071	BN070	11.307	0.006	0.002	-0.001	0.4	0.87	..	4559
1964	BN070	BN069	27.380	0.006	0.000	-0.002	0.1	0.87	..	56372
1965	BN070	BN068	39.499	0.006	0.002	-0.003	0.4	0.85	..	16338
1966	BN070	BN067	63.348	0.006	-0.000	-0.004	0.0	0.70	..	628131
1967	BN070	HN089	51.579	0.006	-0.004	-0.004	0.8	0.73	..	12683
1968	BN071	BN069	38.153	0.006	0.002	-0.003	0.4	0.84	..	18081
1969	BN071	BN073	24.819	0.006	-0.003	-0.002	0.6	0.74	..	7944
1970	BN069	BN068	13.245	0.006	0.001	-0.001	0.1	0.89	..	24574
1971	BN069	BN067	36.196	0.006	0.000	-0.003	0.0	0.70	..	165031
1972	BN069	HN090	53.443	0.006	-0.007	-0.004	1.3	0.74	..	8143
1973	BN068	BN067	24.069	0.006	-0.002	-0.002	0.4	0.77	..	11559
1974	BN068	HN075	19.004	0.006	0.000	-0.001	0.0	0.73	..	113322
1975	BN068	BN066	63.603	0.006	-0.003	-0.004	0.6	0.82	..	19430

1976	BN068	HN012	61.495	0.006	-0.005	-0.004	1.0	0.77	..	11277
1977	BN067	BN066	39.607	0.006	-0.003	-0.003	0.5	0.68	..	15505
1978	HN090	HN089	32.708	0.006	0.001	-0.002	0.2	0.81	..	27724
1979	HN089	HN088	24.434	0.006	-0.001	-0.002	0.3	0.62	..	17874
1980	HN089	HN095	65.538	0.006	-0.005	-0.005	1.0	0.69	..	13194
1981	HN075	BN073	51.224	0.006	0.000	-0.004	0.1	0.87	..	119596
1982	HN074	BN073	24.385	0.006	0.004	-0.002	0.8	0.82	..	5810
1983	BN073	BN072	29.474	0.006	-0.002	-0.002	0.3	0.79	..	16828
1984	HN091	HN090	74.529	0.006	-0.003	-0.005	0.6	0.73	..	23410
1985	HN075	HN074	27.192	0.006	-0.002	-0.002	0.4	0.83	..	12015
1986	HN075	BN072	80.624	0.006	-0.001	-0.006	0.2	0.79	..	84032
1987	HN075	HN012	42.788	0.006	-0.005	-0.003	0.9	0.83	..	8602
1988	HN075	HN076	23.220	0.006	0.003	-0.002	0.5	0.81	..	8114
1989	HN074	BN072	53.851	0.006	0.002	-0.004	0.4	0.77	..	24516
1990	HN074	HN011	40.570	0.006	0.001	-0.003	0.2	0.83	..	31927
1991	BN066	HN091	75.057	0.006	-0.005	-0.005	1.0	0.72	..	15146
1992	BN014	BN066	61.320	0.006	-0.004	-0.004	0.7	0.70	..	17237
1993	BN066	HN092	103.158	0.006	-0.007	-0.007	1.4	0.70	..	14853
1994	HN012	BN014	71.866	0.006	0.000	-0.005	0.0	0.82	..	13293658
1995	HN012	HN013	27.897	0.006	0.000	-0.002	0.0	0.87	..	1108646
1996	HN011	HN012	26.729	0.006	0.001	-0.002	0.2	0.81	..	27259
1997	HN088	HN095	42.368	0.006	-0.005	-0.003	1.0	0.66	..	8362
1998	HN088	HN145	81.538	0.006	0.001	-0.006	0.2	0.63	..	92946
1999	HN095	HN145	39.954	0.006	0.001	-0.003	0.1	0.73	..	58320
2000	HN095	HN094	41.941	0.006	0.000	-0.003	0.1	0.34	..	169039
2001	HN091	HN092	28.456	0.006	-0.000	-0.002	0.1	0.81	..	57550
2002	HN091	HN143	101.715	0.006	0.001	-0.007	0.2	0.78	..	90016
2003	HN091	HN151	80.778	0.006	-0.003	-0.006	0.5	0.81	..	31887
2004	BN051	HN091	164.774	0.006	-0.007	-0.012	1.3	0.77	..	24784
2005	HN013	BN014	44.056	0.006	-0.002	-0.003	0.4	0.84	..	21435
2006	BN014	HN015	150.408	0.006	-0.007	-0.011	1.7	0.48	..	21388
2007	HN092	HN143	74.131	0.006	-0.001	-0.005	0.2	0.83	..	76779
2008	HN092	HN151	57.957	0.006	-0.001	-0.004	0.2	0.86	..	44382
2009	HN092	HN043	38.133	0.006	-0.008	-0.003	1.8	0.60	..	4655
2010	HN093	HN092	41.559	0.006	-0.001	-0.003	0.2	0.40	..	45100
2011	BN051	HN092	139.450	0.006	-0.004	-0.010	0.7	0.81	..	37370
2012	HN076	HN013	38.662	0.006	-0.005	-0.003	0.9	0.81	..	7692
2013	HN011	HN013	54.618	0.006	0.002	-0.004	0.4	0.75	..	25620
2014	HN015	HN016	84.600	0.006	0.001	-0.006	0.2	0.58	..	108320
2015	HN015	HN037	26.632	0.006	-0.005	-0.002	1.1	0.49	..	5676
2016	HN017	HN015	155.274	0.006	-0.002	-0.011	0.4	0.53	..	79657
2017	BN307	HN352	57.800	0.006	0.011	-0.004	2.3	0.61	..	5367
2018	BN340	BNI059	32.393	0.006	0.004	-0.002	0.9	0.63	..	7851
2019	BNI059	BN353	36.475	0.006	0.001	-0.003	0.1	0.48	..	58504
2020	BNI059	HN341	36.830	0.006	0.004	-0.003	0.8	0.54	..	10034
2021	BN356	BN357	71.846	0.006	0.001	-0.005	0.2	0.84	..	86538
2022	BN312	BN357	69.085	0.006	0.001	-0.005	0.2	0.88	..	66241
2023	BN312	BN356	41.601	0.006	0.002	-0.003	0.3	0.90	..	25125
2024	HN205	HN204	262.660	0.006	0.001	-0.018	0.3	0.22	..	318673
2025	HN016	HN017	70.674	0.006	-0.001	-0.005	0.3	0.53	..	53089
2026	HN016	HN033	77.059	0.006	-0.003	-0.005	0.6	0.68	..	26610
2027	HN016	BN029	109.661	0.006	0.001	-0.008	0.2	0.70	..	91671
2028	HN034	HN016	42.020	0.006	0.002	-0.003	0.4	0.66	..	21694
2029	HN036	HN037	33.363	0.006	0.003	-0.002	0.7	0.57	..	10274
2030	HN037	HN040	26.065	0.006	0.000	-0.002	0.1	0.39	..	62160
2031	HN143	HN151	35.332	0.006	-0.002	-0.002	0.3	0.94	..	17574
2032	BN141	HN143	105.408	0.006	-0.001	-0.007	0.2	0.80	..	80118
2033	HN142	HN143	50.356	0.006	-0.000	-0.004	0.0	0.45	..	1487906
2034	HN143	BN051	69.266	0.006	-0.002	-0.005	0.3	0.85	..	37763
2035	HN143	BN247	105.887	0.006	-0.004	-0.007	0.8	0.67	..	28385
2036	BN051	HN151	84.683	0.006	-0.005	-0.006	0.9	0.83	..	17834
2037	HN144	HN151	76.425	0.006	-0.002	-0.005	0.6	0.46	..	32304
2038	HN042	HN043	48.804	0.006	0.000	-0.003	0.1	0.41	..	191148
2039	HN043	HN044	15.548	0.006	-0.001	-0.001	0.2	0.47	..	21394
2040	HN094	HN093	27.894	0.006	0.001	-0.002	0.2	0.37	..	44318
2041	BN141	HN142	55.141	0.006	0.000	-0.004	0.0	0.45	..	3281584
2042	HN145	BN141	28.884	0.006	0.000	-0.002	0.0	0.77	..	422249
2043	BN141	BN140	77.482	0.006	0.007	-0.005	1.3	0.78	..	11491
2044	BN141	BN139	106.715	0.006	0.000	-0.008	0.1	0.64	..	260606
2045	BN247	BN051	39.546	0.006	0.001	-0.003	0.1	0.68	..	77386
2046	BN140	BN051	138.944	0.006	-0.000	-0.010	0.1	0.76	..	306773
2047	HN050	BN051	27.208	0.006	-0.001	-0.002	0.3	0.68	..	20772
2048	BN048	BN051	66.569	0.006	-0.004	-0.005	0.7	0.69	..	17738
2049	BN052	BN051	101.471	0.006	-0.002	-0.007	0.4	0.67	..	54571
2050	BN246	BN247	93.595	0.006	-0.001	-0.007	0.2	0.70	..	118380
2051	HN191	BN247	79.543	0.006	-0.002	-0.006	0.4	0.75	..	43075
2052	HN190	BN247	49.886	0.006	0.001	-0.004	0.4	0.31	..	41606
2053	HN144	HN145	49.892	0.006	-0.002	-0.004	0.5	0.45	..	26813
2054	HN145	BN140	105.917	0.006	0.007	-0.007	1.4	0.73	..	14913
2055	BN140	BN139	29.991	0.006	-0.008	-0.002	1.5	0.70	..	3978
2056	BN140	BN172	73.548	0.006	-0.003	-0.005	0.5	0.60	..	29322
2057	BN140	HN131	28.249	0.006	0.002	-0.002	0.5	0.54	..	11834
2058	HN038	HN042	144.554	0.006	0.002	-0.010	0.5	0.52	..	71410
2059	HN041	HN042	58.304	0.006	-0.002	-0.004	0.5	0.49	..	28617
2060	HN044	HN045	20.743	0.006	-0.004	-0.001	1.0	0.53	..	4888
2061	HN044	HN046	58.264	0.006	-0.000	-0.004	0.1	0.49	..	243080
2062	BN139	BN172	45.485	0.006	0.004	-0.003	0.8	0.60	..	11567
2063	HN138	BN139	39.674	0.006	-0.004	-0.003	0.9	0.56	..	9477

2064	BN128	BN172	33.089	0.006	-0.007	-0.002	1.5	0.59	..	4789
2065	HN135	HN138	53.876	0.006	-0.006	-0.004	1.4	0.44	..	9458
2066	HN045	HN050	92.687	0.006	0.000	-0.007	0.0	0.50	..	562459
2067	HN050	HN049	34.204	0.006	-0.005	-0.002	1.1	0.62	..	6497
2068	BN048	BN052	35.077	0.006	0.004	-0.002	0.8	0.69	..	9102
2069	HN047	BN048	90.644	0.006	0.000	-0.006	0.1	0.50	..	394618
2070	HN049	BN048	26.426	0.006	0.004	-0.002	0.8	0.81	..	6441
2071	BN048	HN053	72.114	0.006	0.004	-0.005	0.8	0.66	..	19209
2072	BN052	HN054	79.159	0.006	-0.005	-0.006	0.9	0.74	..	16364
2073	BN052	HN053	37.053	0.006	-0.001	-0.003	0.3	0.73	..	27269
2074	BN052	BN063	55.855	0.006	0.001	-0.004	0.2	0.68	..	47905
2075	HN025	BN052	121.352	0.006	0.003	-0.009	0.6	0.69	..	41210
2076	HN191	BN246	35.297	0.006	-0.001	-0.002	0.1	0.86	..	67763
2077	BN244	BN246	62.484	0.006	-0.003	-0.004	0.5	0.78	..	21467
2078	BN440	BN246	123.932	0.006	-0.006	-0.009	1.2	0.66	..	21375
2079	HN197	BN246	34.710	0.006	-0.001	-0.002	0.3	0.40	..	29052
2080	HN191	BN244	86.472	0.006	-0.003	-0.006	0.6	0.74	..	27607
2081	HN134	HN191	118.895	0.006	-0.003	-0.008	0.6	0.61	..	40651
2082	HN189	HN190	16.861	0.006	0.004	-0.001	1.0	0.38	..	4626
2083	HN129	BN128	40.297	0.006	-0.003	-0.003	0.7	0.61	..	12576
2084	BN128	BN127	21.276	0.006	-0.003	-0.002	0.6	0.63	..	7517
2085	BN128	HN134	19.656	0.006	0.004	-0.001	0.9	0.67	..	4501
2086	HN129	HN134	59.847	0.006	0.000	-0.004	0.1	0.55	..	140011
2087	HN341	HN342	71.737	0.006	-0.000	-0.005	0.0	0.45	..	447068
2088	BN203	HN204	139.196	0.006	0.001	-0.010	0.3	0.22	..	173313
2089	BN203	BN018	79.551	0.006	-0.001	-0.006	0.1	0.52	..	149937
2090	BN018	BN019	70.353	0.006	0.001	-0.005	0.2	0.53	..	73506
2091	HN017	BN018	85.263	0.006	0.003	-0.006	0.6	0.58	..	33575
2092	BN018	HN411	98.692	0.006	-0.008	-0.007	1.8	0.52	..	12719
2093	BN032	BN019	50.940	0.006	0.003	-0.004	0.9	0.36	..	15535
2094	BN019	HN020	55.011	0.006	-0.001	-0.004	0.2	0.38	..	79082
2095	BN019	HN021	164.401	0.006	-0.001	-0.012	0.2	0.51	..	158898
2096	HN017	HN411	183.942	0.006	-0.006	-0.013	1.4	0.45	..	32221
2097	HN412	HN411	66.966	0.006	-0.013	-0.005	3.7	0.37	.R	4971
2098	BN031	BN032	16.135	0.006	0.005	-0.001	1.2	0.39	..	3510
2099	HN021	HN020	109.391	0.006	-0.001	-0.008	0.2	0.38	..	159021
2100	HN022	HN021	83.456	0.006	-0.001	-0.006	0.3	0.39	..	69922
2101	HN245	BN244	18.135	0.006	0.001	-0.001	0.2	0.54	..	19417
2102	BN440	BN244	64.198	0.006	0.001	-0.005	0.3	0.72	..	44522
2103	HN200	HN245	69.987	0.006	0.001	-0.005	0.1	0.52	..	139893
2104	HN199	HN245	37.697	0.006	0.000	-0.003	0.0	0.57	..	289224
2105	BN440	BN438	76.103	0.006	0.006	-0.005	1.1	0.82	..	12369
2106	BN440	HN437	99.640	0.006	0.001	-0.007	0.2	0.76	..	123060
2107	HN134	HN135	40.856	0.006	-0.004	-0.003	0.8	0.57	..	11415
2108	HN134	HN136	48.807	0.006	-0.000	-0.003	0.1	0.49	..	123482
2109	HN135	HN136	7.989	0.006	0.002	-0.001	0.5	0.47	..	3823
2110	HN136	HN137	17.476	0.006	0.003	-0.001	0.9	0.27	..	6294
2111	HN137	HN189	58.750	0.006	0.001	-0.004	0.4	0.30	..	46661
2112	HN196	HN197	32.822	0.006	0.006	-0.002	1.5	0.41	..	5786
2113	HN364	HN365	59.918	0.006	0.007	-0.004	1.5	0.60	..	8765
2114	BN362	HN360	99.697	0.006	-0.001	-0.007	0.2	0.59	..	141615
2115	BN362	BN361	57.818	0.006	-0.002	-0.004	0.3	0.60	..	35806
2116	HN365	BN362	40.322	0.006	-0.001	-0.003	0.2	0.62	..	51398
2117	HN033	BN029	34.190	0.006	0.003	-0.002	0.6	0.74	..	11267
2118	HN034	HN033	35.122	0.006	-0.007	-0.002	1.5	0.66	..	4784
2119	HN033	BN031	63.430	0.006	-0.002	-0.004	0.5	0.72	..	25544
2120	HN034	BN029	68.440	0.006	-0.000	-0.005	0.0	0.68	..	2000710
2121	BN029	BN058	18.550	0.006	-0.003	-0.001	0.5	0.75	..	6435
2122	BN030	BN029	59.041	0.006	-0.000	-0.004	0.1	0.73	..	138447
2123	BN029	HN059	42.096	0.006	0.002	-0.003	0.4	0.77	..	19581
2124	BN029	HN028	35.602	0.006	-0.005	-0.003	1.1	0.49	..	7536
2125	HN035	HN036	22.932	0.006	0.001	-0.002	0.3	0.36	..	22048
2126	HN040	HN041	59.803	0.006	0.002	-0.004	0.5	0.37	..	34736
2127	HN034	HN038	38.561	0.006	-0.002	-0.003	0.4	0.74	..	20963
2128	HN034	HN039	76.566	0.006	-0.000	-0.005	0.1	0.56	..	154167
2129	BN031	BN030	25.135	0.006	-0.005	-0.002	1.1	0.66	..	4833
2130	BN058	BN030	77.452	0.006	0.001	-0.005	0.2	0.65	..	95489
2131	BN058	HN059	23.698	0.006	0.001	-0.002	0.2	0.72	..	18695
2132	BN058	BN057	18.405	0.006	0.000	-0.001	0.0	0.68	..	100657
2133	BN058	HN056	48.206	0.006	0.002	-0.003	0.5	0.67	..	21634
2134	BN058	HN055	63.996	0.006	-0.000	-0.005	0.0	0.71	..	454455
2135	HN059	BN030	101.111	0.006	0.004	-0.007	0.9	0.66	..	22899
2136	HN059	HN060	18.561	0.006	0.005	-0.001	1.1	0.59	..	3664
2137	HN028	HN027	26.620	0.006	0.002	-0.002	0.5	0.54	..	12096
2138	HN419	HN412	88.457	0.006	0.005	-0.006	1.8	0.21	..	17209
2139	HN038	HN039	39.113	0.006	-0.000	-0.003	0.1	0.55	..	171691
2140	HN060	HN038	40.576	0.006	-0.001	-0.003	0.3	0.64	..	27685
2141	HN039	HN035	23.512	0.006	0.000	-0.002	0.1	0.35	..	48663
2142	HN060	HN061	54.690	0.006	0.003	-0.004	0.6	0.59	..	18299
2143	BN057	HN056	30.012	0.006	0.001	-0.002	0.2	0.70	..	37490
2144	BN057	HN055	45.651	0.006	-0.002	-0.003	0.3	0.70	..	26022
2145	BN057	BN065	61.557	0.006	0.004	-0.004	0.7	0.65	..	17214
2146	BN057	HN054	109.137	0.006	0.002	-0.008	0.4	0.75	..	48682
2147	HN055	HN056	16.046	0.006	-0.000	-0.001	0.0	0.73	..	67764
2148	HN054	HN056	79.197	0.006	-0.005	-0.006	1.1	0.69	..	14532
2149	HN055	HN027	27.132	0.006	-0.000	-0.002	0.1	0.74	..	72009
2150	HN054	HN055	63.555	0.006	0.002	-0.004	0.3	0.73	..	39032
2151	HN027	HN026	36.435	0.006	-0.003	-0.003	0.6	0.61	..	12120

2152	BN065	HN053	111.132	0.006	-0.000	-0.008	0.0	0.76	..	447808
2153	BN065	BN064	65.662	0.006	-0.001	-0.005	0.3	0.60	..	51782
2154	HN053	HN054	42.121	0.006	-0.005	-0.003	1.0	0.73	..	7749
2155	HN054	HN025	42.541	0.006	-0.001	-0.003	0.1	0.74	..	67341
2156	HN054	HN425	50.480	0.006	-0.009	-0.004	2.3	0.40	..	5786
2157	HN041	HN061	37.477	0.006	-0.002	-0.003	0.4	0.59	..	21486
2158	HN062	HN061	50.320	0.006	-0.001	-0.004	0.3	0.35	..	46102
2159	BN063	HN062	47.440	0.006	-0.002	-0.003	0.7	0.36	..	19372
2160	BN359	HN281	113.425	0.006	0.006	-0.008	1.3	0.60	..	19235
2161	BN359	BN385	94.938	0.006	-0.000	-0.007	0.0	0.47	..	605629
2162	BN359	HN360	88.694	0.006	0.000	-0.006	0.0	0.67	..	758196
2163	BN359	HN282	27.912	0.006	0.006	-0.002	1.2	0.62	..	5066
2164	BN291	HN289	18.916	0.006	-0.006	-0.001	1.3	0.51	..	3263
2165	BN291	BN293	51.154	0.006	0.012	-0.004	2.9	0.46	..	4329
2166	HN288	HN289	63.675	0.006	0.001	-0.005	0.3	0.58	..	45605
2167	HN289	HN290	19.621	0.006	-0.002	-0.001	0.4	0.53	..	10858
2168	BN293	BN294	49.716	0.006	0.003	-0.004	0.7	0.47	..	16011
2169	HN280	HN288	89.483	0.006	-0.003	-0.006	0.5	0.66	..	35575
2170	HN286	HN288	41.220	0.006	-0.004	-0.003	0.9	0.69	..	9512
2171	HN287	HN288	20.459	0.006	0.002	-0.001	0.3	0.68	..	12760
2172	HN290	HN284	36.482	0.006	0.002	-0.003	0.5	0.65	..	15599
2173	HN290	HN285	18.465	0.006	-0.000	-0.001	0.0	0.65	..	117722
2174	BN294	BN407	35.542	0.006	0.007	-0.003	1.5	0.51	..	5351
2175	BN407	BN278	129.579	0.006	-0.006	-0.009	1.2	0.66	..	22135
2176	BN407	BN408	103.933	0.006	0.006	-0.007	1.3	0.64	..	16509
2177	BN278	BN408	233.513	0.006	-0.002	-0.017	0.5	0.61	..	97508
2178	BN278	HN405	70.893	0.006	-0.006	-0.005	1.6	0.43	..	11186
2179	BN278	BN279	72.985	0.006	0.005	-0.005	1.1	0.63	..	13672
2180	BN278	HN280	89.748	0.006	0.008	-0.006	1.6	0.61	..	11765
2181	BN408	BN270	748.359	0.006	0.010	-0.053	2.2	0.61	..	73349
2182	BN265	HN405	102.432	0.006	-0.001	-0.007	0.2	0.54	..	125495
2183	HN405	HN004-1	72.029	0.006	-0.002	-0.005	0.6	0.47	..	30442
2184	HN280	BN279	17.584	0.006	0.004	-0.001	0.9	0.57	..	4380
2185	BN279	BN273	88.195	0.006	-0.002	-0.006	0.5	0.48	..	44308
2186	HN281	HN280	78.276	0.006	0.003	-0.006	0.6	0.71	..	26171
2187	HN280	HN286	48.275	0.006	-0.001	-0.003	0.2	0.67	..	56818
2188	HN280	HN287	69.118	0.006	-0.002	-0.005	0.5	0.63	..	30094
2189	BN273	BN265	30.593	0.006	0.002	-0.002	0.5	0.56	..	12830
2190	BN265	HN266	22.359	0.006	0.001	-0.002	0.3	0.29	..	25166
2191	BN265	BPJ09	20.858	0.006	-0.004	-0.001	0.9	0.51	..	5317
2192	HN406	HN004-1	58.918	0.006	0.001	-0.004	0.4	0.22	..	48342
2193	BN273	HN274	110.066	0.006	0.004	-0.008	0.8	0.59	..	28953
2194	BN273	HN517	60.198	0.006	0.001	-0.004	0.2	0.40	..	63699
2195	HN282	HN281	85.524	0.006	0.002	-0.006	0.5	0.55	..	36505
2196	HN281	HN515	18.562	0.006	0.002	-0.001	0.6	0.41	..	7935
2197	HN286	HN287	20.964	0.006	-0.004	-0.001	0.8	0.71	..	5016
2198	HN286	HN283	71.928	0.006	0.003	-0.005	0.6	0.73	..	21894
2199	HN286	HN284	80.159	0.006	0.003	-0.006	0.5	0.71	..	29411
2200	HN287	HN285	83.264	0.006	0.003	-0.006	0.5	0.71	..	30992
2201	HN026	HN025	21.417	0.006	0.006	-0.002	1.4	0.53	..	3487
2202	HN045	HN046	37.526	0.006	0.001	-0.003	0.3	0.51	..	27424
2203	HN046	HN047	21.920	0.006	0.002	-0.002	0.4	0.47	..	14570
2204	HN049	HN192	36.961	0.006	-0.001	-0.003	0.3	0.40	..	28430
2205	HN049	HN193	84.787	0.006	-0.003	-0.006	0.7	0.53	..	26290
2206	BN064	HN053	45.937	0.006	0.000	-0.003	0.1	0.68	..	105733
2207	HN053	HN025	84.451	0.006	-0.001	-0.006	0.3	0.68	..	56942
2208	BN385	BN384	68.065	0.006	0.001	-0.005	0.1	0.49	..	114305
2209	BN385	HN372	88.404	0.006	0.001	-0.006	0.3	0.47	..	76579
2210	HN282	HN360	116.441	0.006	0.003	-0.008	0.6	0.55	..	42089
2211	BN361	HN360	42.404	0.006	0.001	-0.003	0.2	0.55	..	39481
2212	HN282	HN276	29.781	0.006	0.002	-0.002	0.7	0.27	..	13560
2213	BN384	BN263	104.774	0.006	0.003	-0.007	0.5	0.69	..	41461
2214	BN384	HN388	57.154	0.006	-0.000	-0.004	0.0	0.45	..	293155
2215	BN384	BN262	46.886	0.006	0.002	-0.003	0.4	0.66	..	23937
2216	HN373	BN384	114.906	0.006	0.002	-0.008	0.4	0.76	..	50693
2217	HN371	HN372	48.549	0.006	-0.000	-0.003	0.0	0.31	..	1346764
2218	HN515	HN283	16.787	0.006	0.001	-0.001	0.3	0.40	..	13068
2219	HN276	HN275	45.886	0.006	0.005	-0.003	1.1	0.60	..	8961
2220	HN516	HN276	24.991	0.006	0.004	-0.002	1.0	0.41	..	6521
2221	BN262	BN263	64.151	0.006	0.002	-0.005	0.4	0.70	..	35619
2222	BN263	BN383	77.916	0.006	-0.004	-0.006	0.8	0.65	..	20552
2223	BN263	HN378	71.567	0.006	0.002	-0.005	0.4	0.83	..	30535
2224	BN263	BN382	104.684	0.006	-0.005	-0.007	0.9	0.72	..	22527
2225	BN263	BN483	121.942	0.006	-0.002	-0.009	0.4	0.73	..	54795
2226	BN263	HN259	39.318	0.006	0.003	-0.003	0.8	0.51	..	11805
2227	HN388	HN373	57.968	0.006	0.001	-0.004	0.2	0.45	..	85499
2228	BN262	HN261	39.478	0.006	-0.005	-0.003	1.2	0.47	..	7819
2229	HN371	HN370	29.688	0.006	-0.000	-0.002	0.0	0.31	..	388615
2230	BN383	BN382	27.988	0.006	0.001	-0.002	0.2	0.60	..	38064
2231	BN383	BN483	45.795	0.006	0.001	-0.003	0.2	0.64	..	49015
2232	BN383	HN271	99.234	0.006	0.004	-0.007	0.8	0.53	..	27339
2233	BN254	BN383	184.098	0.006	-0.001	-0.013	0.2	0.62	..	171452
2234	HN376	HN378	45.605	0.006	-0.003	-0.003	0.6	0.72	..	15030
2235	HN378	HN381	93.391	0.006	-0.003	-0.007	0.6	0.57	..	35261
2236	HN378	HN380	62.244	0.006	0.003	-0.004	0.5	0.74	..	24168
2237	HN374	HN378	85.357	0.006	-0.002	-0.006	0.4	0.74	..	39122
2238	HN378	HN379	67.000	0.006	-0.005	-0.005	0.9	0.79	..	14312
2239	BN382	BN483	17.806	0.006	0.002	-0.001	0.5	0.70	..	7725

2240	BN382	HN381	20.831	0.006	-0.003	-0.001	0.6	0.56	..	7384
2241	BN382	HN380	51.982	0.006	-0.002	-0.004	0.4	0.70	..	28225
2242	BN483	HN380	68.849	0.006	0.001	-0.005	0.2	0.72	..	70860
2243	BN483	BN482	30.812	0.006	0.002	-0.002	0.5	0.35	..	18534
2244	BN483	HN484	38.227	0.006	0.001	-0.003	0.2	0.47	..	49321
2245	BN483	HN272	71.745	0.006	-0.001	-0.005	0.2	0.40	..	75945
2246	HN259	HN260	36.116	0.006	-0.000	-0.003	0.1	0.39	..	101404
2247	HN259	HN258	39.590	0.006	0.002	-0.003	0.4	0.38	..	24064
2248	HN257	HN259	82.962	0.006	-0.004	-0.006	0.9	0.48	..	22363
2249	HN373	HN376	73.066	0.006	-0.002	-0.005	0.4	0.66	..	32979
2250	HN373	HN374	32.629	0.006	-0.002	-0.002	0.3	0.72	..	18660
2251	BN369	HN373	49.172	0.006	0.003	-0.004	0.6	0.73	..	17078
2252	HN370	HN373	31.800	0.006	-0.000	-0.002	0.0	0.78	..	378164
2253	HN261	HN260	41.315	0.006	0.002	-0.003	0.4	0.39	..	26027
2254	BN253	HN271	54.356	0.006	0.000	-0.004	0.1	0.53	..	186005
2255	BN254	HN271	84.865	0.006	0.002	-0.006	0.4	0.53	..	49095
2256	HN374	HN376	40.520	0.006	0.001	-0.003	0.2	0.72	..	34520
2257	HN376	HN377	73.844	0.006	-0.001	-0.005	0.2	0.81	..	61546
2258	HN380	HN381	31.155	0.006	-0.000	-0.002	0.1	0.58	..	103447
2259	HN380	HN505	70.009	0.006	-0.001	-0.005	0.2	0.73	..	88428
2260	HN370	HN374	64.197	0.006	-0.005	-0.005	1.0	0.70	..	13153
2261	HN374	BN375	66.904	0.006	-0.000	-0.005	0.1	0.81	..	169419
2262	HN505	HN379	44.892	0.006	-0.001	-0.003	0.2	0.72	..	38528
2263	HN379	BN375	78.324	0.006	-0.003	-0.006	0.6	0.74	..	24580
2264	HN379	HN377	41.175	0.006	-0.001	-0.003	0.2	0.71	..	45126
2265	BN482	BN481	43.590	0.006	0.002	-0.003	0.6	0.35	..	19998
2266	HN484	HN485	45.203	0.006	-0.002	-0.003	0.4	0.37	..	27804
2267	HN484	HN504	25.148	0.006	-0.001	-0.002	0.3	0.42	..	21658
2268	BN252	HN272	82.926	0.006	-0.001	-0.006	0.3	0.40	..	71525
2269	HN257	HN258	43.504	0.006	0.000	-0.003	0.1	0.37	..	95909
2270	BN254	BN253	30.944	0.006	0.000	-0.002	0.1	0.57	..	98506
2271	BN253	BN252	36.291	0.006	-0.000	-0.003	0.1	0.45	..	81435
2272	BPJ05	BN254	39.690	0.006	-0.002	-0.003	0.5	0.49	..	18650
2273	HN504	HN505	77.770	0.006	-0.001	-0.006	0.2	0.70	..	74643
2274	HN505	HN506	19.516	0.006	-0.004	-0.001	0.8	0.53	..	5209
2275	BN481	BN461	70.194	0.006	0.001	-0.005	0.2	0.49	..	95202
2276	BN481	BN460	139.866	0.006	-0.001	-0.010	0.2	0.55	..	195307
2277	BN481	BN249	145.628	0.006	-0.005	-0.010	1.1	0.54	..	30220
2278	HN485	HN486	21.776	0.006	0.002	-0.002	0.7	0.32	..	8833
2279	BN252	BN250	43.660	0.006	-0.003	-0.003	1.0	0.28	..	13737
2280	BN461	BN460	69.695	0.006	-0.001	-0.005	0.2	0.58	..	62111
2281	BN461	HN462	32.351	0.006	0.001	-0.002	0.2	0.42	..	49007
2282	BN514	BN460	34.615	0.006	-0.003	-0.002	0.6	0.78	..	11765
2283	BN460	HN454	51.585	0.006	-0.002	-0.004	0.4	0.43	..	33169
2284	BN250	BN249	38.300	0.006	-0.003	-0.003	1.0	0.27	..	12382
2285	BN249	BN251	29.616	0.006	0.000	-0.002	0.0	0.23	..	399269
2286	HN462	HN463	47.100	0.006	-0.000	-0.003	0.1	0.25	..	119172
2287	HN462	HN466	28.510	0.006	0.003	-0.002	0.9	0.31	..	9354
2288	BN514	HN445	47.878	0.006	0.005	-0.003	1.0	0.75	..	9262
2289	HN455	BN514	124.931	0.006	0.001	-0.009	0.2	0.79	..	130073
2290	HN457	BN514	175.976	0.006	0.004	-0.013	0.8	0.57	..	49741
2291	HN454	HN453	102.262	0.006	-0.002	-0.007	0.4	0.43	..	63489
2292	BN251	BN298	64.740	0.006	0.000	-0.005	0.1	0.22	..	157762
2293	HN464	HN463	11.067	0.006	-0.003	-0.001	0.9	0.32	..	3811
2294	HN466	HN467	13.249	0.006	0.003	-0.001	0.8	0.31	..	4889
2295	HN465	HN464	17.202	0.006	-0.001	-0.001	0.4	0.26	..	15407
2296	HN467	HN468	14.975	0.006	-0.001	-0.001	0.2	0.49	..	17113
2297	HN468	BN469	29.962	0.006	-0.003	-0.002	0.9	0.42	..	8907
2298	BN469	BN470	39.864	0.006	0.001	-0.003	0.1	0.43	..	75584
2299	BN487	BN469	25.349	0.006	-0.000	-0.002	0.1	0.35	..	65933
2300	BN471	BN470	55.182	0.006	-0.001	-0.004	0.3	0.48	..	38620
2301	HN486	BN487	19.672	0.006	0.001	-0.001	0.3	0.27	..	24183
2302	BN487	BN488	10.367	0.006	-0.000	-0.001	0.1	0.24	..	32038
2303	BN369	HN370	19.436	0.006	0.005	-0.001	0.9	0.85	..	3746
2304	BN387	BN369	77.928	0.006	-0.002	-0.006	0.6	0.40	..	33178
2305	BN479	HN476	91.390	0.006	-0.001	-0.007	0.2	0.77	..	81548
2306	HN476	HN397	104.128	0.006	-0.002	-0.007	0.4	0.74	..	55631
2307	HN506	BN507	15.827	0.006	0.003	-0.001	0.7	0.71	..	4777
2308	HN506	BN500	32.820	0.006	0.002	-0.002	0.4	0.52	..	20210
2309	BN489	BN488	34.072	0.006	0.001	-0.002	0.3	0.28	..	37786
2310	BN490	BN489	27.951	0.006	-0.000	-0.002	0.0	0.24	..	453696
2311	HN473	BN471	16.053	0.006	-0.003	-0.001	0.7	0.44	..	5765
2312	HN377	BN375	37.186	0.006	0.003	-0.003	0.5	0.74	..	13984
2313	BN375	BN478	27.451	0.006	-0.004	-0.002	0.8	0.70	..	6996
2314	BN375	BN479	34.985	0.006	-0.002	-0.002	0.4	0.70	..	16476
2315	HN377	BN478	64.603	0.006	-0.001	-0.005	0.3	0.63	..	52094
2316	BN478	HN477	28.777	0.006	0.002	-0.002	0.4	0.53	..	15873
2317	BN479	BN480	21.271	0.006	0.000	-0.002	0.1	0.48	..	51504
2318	BN507	BN500	17.341	0.006	-0.003	-0.001	0.5	0.72	..	6201
2319	BN502	BN507	28.398	0.006	0.002	-0.002	0.6	0.43	..	11670
2320	BN507	HN499	42.845	0.006	0.008	-0.003	1.6	0.63	..	5497
2321	HN499	BN500	25.615	0.006	0.008	-0.002	1.7	0.59	..	3203
2322	BN500	BN490	40.762	0.006	0.001	-0.003	0.3	0.29	..	39269
2323	BN480	HN503	34.551	0.006	0.002	-0.002	0.4	0.66	..	19639
2324	BN480	BN501	56.836	0.006	-0.001	-0.004	0.2	0.58	..	50664
2325	HN400	HN397	76.499	0.006	-0.001	-0.005	0.2	0.72	..	90460
2326	HN400	HN503	110.641	0.006	0.002	-0.008	0.4	0.59	..	53015
2327	BNI125	HN400	51.372	0.006	-0.005	-0.004	1.0	0.72	..	10099

2328	BNI125	HN397	25.416	0.006	0.005	-0.002	1.0	0.76	..	4760
2329	HN397	BN395	39.562	0.006	-0.000	-0.003	0.0	0.74	..	468209
2330	HN397	HN398	47.508	0.006	0.000	-0.003	0.0	0.46	..	957865
2331	HN503	BN502	57.847	0.006	0.000	-0.004	0.0	0.60	..	1802079
2332	BNI125	BN395	64.255	0.006	0.004	-0.005	0.8	0.71	..	16393
2333	BNI125	BN497	49.832	0.006	0.001	-0.004	0.2	0.46	..	64203
2334	BN501	BN502	31.335	0.006	0.001	-0.002	0.2	0.58	..	38825
2335	HN424	HN192	100.016	0.006	-0.001	-0.007	0.4	0.41	..	68475
2336	HN424	HN193	52.316	0.006	0.000	-0.004	0.1	0.53	..	108625
2337	HN193	HN194	47.228	0.006	-0.002	-0.003	0.5	0.48	..	21660
2338	HN425	HN424	37.405	0.006	-0.009	-0.003	2.3	0.41	..	4171
2339	HN426	HN424	36.730	0.006	-0.002	-0.003	0.4	0.60	..	18367
2340	HN423	HN424	17.603	0.006	-0.005	-0.001	1.1	0.58	..	3632
2341	HN194	HN198	62.940	0.006	-0.008	-0.004	1.8	0.51	..	8332
2342	HN194	HN195	34.855	0.006	0.000	-0.002	0.1	0.49	..	73298
2343	BN063	BN064	21.402	0.006	-0.006	-0.002	1.1	0.71	..	3740
2344	HN025	HN024	59.910	0.006	-0.004	-0.004	1.1	0.38	..	14223
2345	HN024	HN023	71.943	0.006	-0.002	-0.005	0.5	0.37	..	39991
2346	HN274	HN275	59.345	0.006	0.002	-0.004	0.4	0.66	..	28539
2347	HN268	HN275	40.535	0.006	0.000	-0.003	0.1	0.60	..	93454
2348	HN277	HN516	32.382	0.006	0.003	-0.002	0.8	0.40	..	10194
2349	HN283	HN284	8.775	0.006	-0.002	-0.001	0.5	0.64	..	3624
2350	HN285	HN284	18.017	0.006	0.003	-0.001	0.5	0.65	..	7189
2351	BN497	BN496	44.211	0.006	-0.002	-0.003	0.6	0.40	..	18333
2352	BN497	HN498	81.326	0.006	-0.001	-0.006	0.2	0.59	..	90313
2353	BN496	BN494	79.918	0.006	0.000	-0.006	0.0	0.58	..	402841
2354	HN498	BN495	30.489	0.006	0.004	-0.002	0.9	0.55	..	7440
2355	HN498	HN499	70.551	0.006	-0.003	-0.005	0.8	0.50	..	20304
2356	BN494	BN495	14.999	0.006	0.001	-0.001	0.1	0.52	..	23029
2357	BN494	HN493	28.232	0.006	-0.002	-0.002	0.4	0.48	..	17367
2358	BN495	BN450	44.631	0.006	0.002	-0.003	0.3	0.64	..	28173
2359	HN499	HN472	37.561	0.006	0.001	-0.003	0.2	0.48	..	41474
2360	BN450	BN474	34.962	0.006	0.002	-0.002	0.4	0.62	..	20171
2361	HN472	HN473	63.570	0.006	0.002	-0.005	0.4	0.45	..	37024
2362	BN474	HN473	69.439	0.006	-0.002	-0.005	0.4	0.78	..	33016
2363	HN023	HN022	63.315	0.006	0.004	-0.004	1.0	0.57	..	14231
2364	HN023	HN442	38.440	0.006	-0.001	-0.003	0.2	0.67	..	35352
2365	HN023	BN433	105.273	0.006	-0.003	-0.007	0.6	0.76	..	33681
2366	HN023	HN432	103.442	0.006	-0.000	-0.007	0.1	0.76	..	278036
2367	HN022	HN410	134.001	0.006	-0.003	-0.009	0.7	0.50	..	43095
2368	HN442	BN433	67.255	0.006	-0.003	-0.005	0.5	0.76	..	23652
2369	HN442	HN432	65.055	0.006	0.001	-0.005	0.2	0.76	..	49751
2370	HN442	HN426	59.995	0.006	0.005	-0.004	1.0	0.64	..	12647
2371	BN433	HN432	16.788	0.006	-0.001	-0.001	0.3	0.90	..	11404
2372	BN433	BN434	75.239	0.006	-0.000	-0.005	0.1	0.75	..	202807
2373	HN432	HN431	31.454	0.006	0.003	-0.002	0.5	0.79	..	11517
2374	HN410	HN409	64.516	0.006	-0.004	-0.005	0.9	0.50	..	16944
2375	HN427	HN426	29.329	0.006	0.005	-0.002	1.5	0.37	..	5493
2376	HN426	HN423	19.394	0.006	0.002	-0.001	0.5	0.58	..	8165
2377	HN431	BN434	63.489	0.006	-0.001	-0.005	0.3	0.80	..	42451
2378	HN430	BN434	45.784	0.006	0.001	-0.003	0.3	0.73	..	35420
2379	BN434	HN435	42.184	0.006	0.001	-0.003	0.3	0.71	..	29589
2380	BN438	BN434	50.901	0.006	-0.001	-0.004	0.2	0.77	..	43634
2381	HN431	HN430	17.709	0.006	-0.001	-0.001	0.2	0.70	..	14113
2382	HN431	HN428	45.207	0.006	0.005	-0.003	1.3	0.34	..	9536
2383	HN428	HN427	23.264	0.006	0.000	-0.002	0.0	0.41	..	3462300
2384	HN423	HN421	82.529	0.006	0.001	-0.006	0.3	0.55	..	55350
2385	HN423	HN422	56.203	0.006	0.003	-0.004	0.9	0.39	..	17320
2386	HN517	HN274	49.870	0.006	0.001	-0.004	0.2	0.40	..	53027
2387	HN274	HN267	27.850	0.006	0.001	-0.002	0.2	0.69	..	27089
2388	HN274	HN277	47.755	0.006	-0.002	-0.003	0.3	0.62	..	28646
2389	HN277	HN267	75.604	0.006	-0.002	-0.005	0.4	0.55	..	40166
2390	HN268	HN267	49.826	0.006	0.000	-0.004	0.0	0.64	..	610327
2391	HN519	HN267	51.826	0.006	0.001	-0.004	0.2	0.24	..	85283
2392	HN266	HN518	29.807	0.006	0.001	-0.002	0.2	0.25	..	59403
2393	BPJ09	BPJ08	75.875	0.006	-0.001	-0.005	0.2	0.41	..	83370
2394	BPJ09	HN264	55.001	0.006	-0.001	-0.004	0.4	0.40	..	38875
2395	BPJ09	HN520	11.012	0.006	0.001	-0.001	0.4	0.25	..	8706
2396	HN256	BPJ09	147.225	0.006	-0.002	-0.010	0.3	0.62	..	96456
2397	HN518	HN519	24.914	0.006	0.001	-0.002	0.3	0.24	..	32316
2398	BPJ08	BN255	72.840	0.006	0.001	-0.005	0.1	0.42	..	131302
2399	HN256	HN264	92.226	0.006	-0.001	-0.007	0.4	0.40	..	64696
2400	HN520	HN521	14.887	0.006	0.001	-0.001	0.4	0.23	..	13183
2401	BN255	HN256	37.057	0.006	-0.005	-0.003	1.0	0.59	..	7634
2402	BN255	BPJ05	62.436	0.006	0.001	-0.004	0.2	0.71	..	61225
2403	BN255	BN403	92.394	0.006	-0.007	-0.007	1.5	0.69	..	12648
2404	HPJ04	BN255	133.247	0.006	-0.000	-0.009	0.0	0.53	..	1408477
2405	HN256	HN257	49.080	0.006	-0.001	-0.003	0.3	0.32	..	48290
2406	BPJ05	BN403	64.436	0.006	-0.006	-0.005	1.2	0.74	..	10016
2407	BPJ05	HPJ04	71.319	0.006	0.001	-0.005	0.1	0.55	..	107728
2408	BN403	BN402	53.762	0.006	0.003	-0.004	0.7	0.57	..	17945
2409	HPJ02	HPJ04	83.695	0.006	0.003	-0.006	0.8	0.45	..	26546
2410	BN402	BN300	81.230	0.006	-0.001	-0.006	0.2	0.51	..	101000
2411	HN401	HPJ02	19.419	0.006	-0.003	-0.001	0.8	0.43	..	6464
2412	HN430	HN435	87.969	0.006	-0.000	-0.006	0.0	0.64	..	1630696
2413	HN429	HN430	21.916	0.006	-0.001	-0.002	0.3	0.47	..	18053
2414	HN436	HN435	68.789	0.006	0.000	-0.005	0.0	0.66	..	789424
2415	HN435	HN439	44.202	0.006	0.002	-0.003	0.3	0.78	..	27930

2416	HN199	BN438	50.581	0.006	-0.004	-0.004	0.7	0.77	..	13904
2417	BN438	HN439	24.708	0.006	0.002	-0.002	0.4	0.70	..	12083
2418	HN458	HN444	41.580	0.006	-0.000	-0.003	0.1	0.45	..	163397
2419	HN452	HN451	16.287	0.006	-0.002	-0.001	0.6	0.43	..	6723
2420	HN200	HN429	16.983	0.006	-0.002	-0.001	0.6	0.44	..	7331
2421	HN422	HN421	26.321	0.006	0.003	-0.002	0.9	0.39	..	8108
2422	HN421	HN200	34.624	0.006	0.004	-0.002	1.1	0.46	..	7913
2423	HN200	HN199	32.291	0.006	0.000	-0.002	0.0	0.64	..	159478
2424	HN198	HN199	61.282	0.006	-0.012	-0.004	2.9	0.48	..	4968
2425	HN195	HN198	28.083	0.006	-0.005	-0.002	1.2	0.48	..	5446
2426	HN437	HN436	46.500	0.006	0.002	-0.003	0.3	0.69	..	29529
2427	HN456	HN436	34.571	0.006	0.004	-0.002	0.8	0.56	..	9268
2428	HN437	HN439	94.220	0.006	0.003	-0.007	0.6	0.69	..	32246
2429	BN474	HN493	30.384	0.006	0.000	-0.002	0.0	0.61	..	339745
2430	HN449	HN465	39.687	0.006	0.001	-0.003	0.5	0.26	..	27704
2431	HN195	HN196	30.891	0.006	-0.003	-0.002	0.7	0.38	..	11505
2432	HN447	HN446	8.352	0.006	0.002	-0.001	0.6	0.53	..	3366
2433	HN446	HN445	26.531	0.006	0.002	-0.002	0.3	0.69	..	15822
2434	HN446	HN456	82.023	0.006	0.000	-0.006	0.1	0.78	..	295589
2435	HN459	HN446	182.794	0.006	-0.000	-0.013	0.0	0.65	..	1076434
2436	HN445	HN455	77.209	0.006	0.000	-0.005	0.1	0.76	..	212518
2437	HN455	HN456	31.813	0.006	0.005	-0.002	0.9	0.76	..	7006
2438	HN453	HN455	20.469	0.006	-0.005	-0.001	1.0	0.73	..	4029
2439	HN455	HN457	51.158	0.006	-0.001	-0.004	0.2	0.60	..	45796
2440	HN458	HN455	104.516	0.006	-0.003	-0.007	0.6	0.73	..	33633
2441	HN453	HN456	52.121	0.006	-0.000	-0.004	0.0	0.68	..	254346
2442	HN459	HN456	100.806	0.006	0.001	-0.007	0.1	0.72	..	143841
2443	HN453	HN452	69.770	0.006	0.007	-0.005	1.5	0.56	..	10376
2444	HN458	HN459	25.215	0.006	-0.003	-0.002	0.6	0.56	..	9148
2445	HN457	HN458	53.399	0.006	0.003	-0.004	0.6	0.55	..	19653
2446	HN418	HN419	69.193	0.006	0.004	-0.005	1.5	0.21	..	17129
2447	BN296	BN295	28.027	0.006	-0.002	-0.002	0.8	0.16	1.	14645
2448	BN300	HN401	63.846	0.006	-0.003	-0.005	0.7	0.45	..	22640
2449	HN521	HN406	34.266	0.006	0.001	-0.002	0.4	0.22	..	28156
2450	BN298	BN297	19.857	0.006	-0.002	-0.001	0.7	0.21	..	10810
2451	BN297	BN296	42.901	0.006	-0.002	-0.003	0.8	0.17	1.	21426
2452	BN269	BN270	63.731	0.006	0.006	-0.004	1.3	0.68	..	10205
2453	HN409	HN416	36.683	0.006	0.006	-0.003	2.0	0.21	..	6586
2454	HN416	HN417	45.421	0.006	0.005	-0.003	1.9	0.18	1.	9521
2455	HN417	HN418	78.295	0.006	0.005	-0.006	1.9	0.21	..	14996

點位坐標及絕對誤差橢圓 ：

編號	加權等級	點　名	N-坐標	E-坐標	長軸	短軸	方位角	
1	1	B98135	2767155.900	298541.930	0.000	0.000	103-46-40	3
2	1	B98208	2767036.265	297978.318	0.000	0.000	32-17-02	3
3	1	B98209	2767098.883	298044.008	0.000	0.000	47-34-31	3
4	1	B98210	2767121.750	298113.573	0.000	0.000	81-46-04	3
5	1	BI066	2766737.795	297627.524	0.000	0.000	123-45-49	3
6	1	BI094	2766981.660	297960.178	0.000	0.000	25-26-57	3
7	1	BI095	2767174.512	298090.945	0.000	0.000	26-22-10	3
8	1	BI097	2767303.756	298032.468	0.000	0.000	50-40-51	3
9	1	BI098	2767444.722	297922.298	0.000	0.000	118-09-38	3
10	1	BI101	2767380.652	298153.269	0.000	0.000	18-50-02	3
11	1	BI104	2767599.826	297831.152	0.000	0.000	124-56-40	3
12	1	BI105	2767563.484	297724.298	0.000	0.000	71-12-59	3
13	1	BK189	2768120.070	298377.520	0.000	0.000	167-00-23	3
14	1	BK190	2768206.162	298380.565	0.000	0.000	20-36-51	3
15	1	BK192	2768282.227	298401.472	0.000	0.000	15-22-07	3
16	1	BK204	2767842.279	298222.038	0.000	0.000	39-33-51	3
17	1	BK208	2767876.179	298302.531	0.000	0.000	57-19-51	3
18	1	BK209	2767897.939	298334.710	0.000	0.000	53-18-59	3
19	1	BL008	2768533.313	298227.300	0.000	0.000	104-30-40	3
20	1	F194	2767951.330	299111.734	0.000	0.000	78-39-11	2
21	1	FB98203	2766742.213	297742.560	0.000	0.000	50-21-06	3
22	1	FB98204	2766785.547	297793.878	0.000	0.000	47-04-26	3
23	1	FH96256	2767565.704	298904.625	0.000	0.000	157-53-23	3
24	1	FH96258	2767606.393	299020.089	0.000	0.000	74-37-20	3
25	1	FH96260	2767633.189	299131.423	0.000	0.000	170-11-16	3
26	1	FH96261	2767522.502	299152.753	0.000	0.000	169-54-50	3
27	1	FH96452	2767618.577	298862.403	0.000	0.000	89-53-31	3
28	1	FH96453	2767615.269	298778.083	0.000	0.000	83-02-47	3
29	1	FH98326	2767124.671	298659.605	0.000	0.000	175-39-16	3
30	1	FH98327	2767072.938	298656.790	0.000	0.000	4-29-12	3
31	1	FH98346	2766659.943	297664.447	0.000	0.000	37-03-55	3
32	1	FH98347	2766681.079	297674.440	0.000	0.000	33-21-31	3
33	1	FH98348	2766704.604	297697.071	0.000	0.000	46-36-40	3
34	1	G315	2768820.730	298954.385	0.000	0.000	131-46-44	2
35	1	GD02	2766927.443	299430.163	0.000	0.000	73-03-53	2
36	1	GD04	2767131.416	298134.441	0.000	0.000	42-41-23	2
37	1	GD05	2766545.045	297701.457	0.000	0.000	36-26-34	2
38	1	GF01	2766905.267	297611.092	0.000	0.000	132-38-24	2
39	1	GF49	2767599.478	298030.473	0.000	0.000	23-51-11	2
40	1	GF51	2767063.919	297346.437	0.000	0.000	120-56-29	2
41	1	GH87	2768363.012	298471.197	0.000	0.000	117-17-16	2
42	1	GH88	2768779.316	298338.320	0.000	0.000	14-26-35	2

43	1	GH89	2768490.325	297823.609	0.000	0.000	89-22-37	2
44	1	GPJ03	2767818.744	298639.935	0.000	0.000	75-48-21	3
45	1	HI056	2767194.168	297877.573	0.000	0.000	69-32-50	3
46	1	HI091	2767042.239	297782.591	0.000	0.000	20-44-48	3
47	1	HI092	2767124.085	297819.101	0.000	0.000	27-43-45	3
48	1	HI093	2767182.588	297847.683	0.000	0.000	50-32-51	3
49	1	HI096	2767273.961	297989.157	0.000	0.000	50-51-06	3
50	1	HI108	2767456.935	297851.915	0.000	0.000	102-46-54	3
51	1	HK186	2768127.089	298349.700	0.000	0.000	176-04-37	3
52	1	HK193	2768300.590	298404.632	0.000	0.000	169-15-00	3
53	1	HK194	2768414.526	298352.721	0.000	0.000	174-39-10	3
54	1	HK195	2768516.295	298293.051	0.000	0.000	109-18-24	3
55	1	HK197	2767616.066	297860.488	0.000	0.000	62-28-45	3
56	1	HK198	2767664.841	297954.101	0.000	0.000	101-47-09	3
57	1	HK199	2767694.584	298011.059	0.000	0.000	62-49-46	3
58	1	HK200	2767742.651	298104.706	0.000	0.000	55-21-55	3
59	1	HK201	2767778.468	298164.747	0.000	0.000	49-18-40	3
60	1	HK202	2767802.761	298199.390	0.000	0.000	43-50-25	3
61	1	HK211	2768593.359	298166.486	0.000	0.000	134-05-52	3
62	1	HL001	2768632.917	298158.324	0.000	0.000	168-20-30	3
63	1	PJ01	2767811.497	298584.959	0.000	0.000	82-07-33	3
64	0	B96033	2767037.357	298658.260	0.003	0.001	2-20-27	
65	0	BN002	2768916.231	298780.934	0.005	0.003	156-35-25	
66	0	BN003	2768890.657	298795.785	0.005	0.003	155-44-32	
67	0	BN004	2768841.220	298811.426	0.005	0.003	161-51-39	
68	0	BN005	2768788.396	298830.906	0.004	0.003	160-47-47	
69	0	BN006	2768670.116	298873.021	0.004	0.004	164-25-45	
70	0	BN007	2768592.589	298896.058	0.004	0.004	152-02-16	
71	0	BN008	2768563.041	298906.162	0.005	0.004	156-16-05	
72	0	BN009	2768479.097	298937.923	0.004	0.004	144-03-20	
73	0	BN014	2768341.475	298991.395	0.004	0.003	78-01-50	
74	0	BN014-1	2768372.590	299009.034	0.005	0.003	77-59-28	
75	0	BN018	2767961.317	299079.191	0.003	0.001	99-56-04	
76	0	BN019	2767939.514	299012.307	0.004	0.003	79-11-14	
77	0	BN029	2768057.069	298959.838	0.004	0.004	14-26-43	
78	0	BN030	2768001.157	298978.788	0.004	0.004	176-29-33	
79	0	BN031	2768004.796	299003.651	0.005	0.004	0-43-33	
80	0	BN032	2767990.437	299011.016	0.005	0.004	176-38-16	
81	0	BN048	2768120.486	298773.992	0.004	0.003	160-34-51	
82	0	BN051	2768179.116	298742.486	0.003	0.003	60-06-34	
83	0	BN052	2768091.881	298794.295	0.004	0.003	148-47-53	
84	0	BN057	2768066.299	298940.302	0.004	0.004	37-06-00	
85	0	BN058	2768075.286	298956.363	0.004	0.004	173-59-35	
86	0	BN063	2768100.951	298849.405	0.005	0.004	76-24-42	
87	0	BN064	2768080.587	298855.965	0.005	0.004	55-35-16	
88	0	BN065	2768119.298	298908.994	0.005	0.004	152-42-31	
89	0	BN066	2768321.647	298933.378	0.004	0.003	76-17-51	
90	0	BN067	2768358.658	298919.291	0.004	0.004	132-46-53	
91	0	BN068	2768380.206	298908.575	0.004	0.003	89-58-06	
92	0	BN069	2768387.644	298897.617	0.004	0.003	98-07-38	
93	0	BN070	2768412.045	298885.200	0.004	0.003	101-14-35	
94	0	BN071	2768423.292	298884.023	0.004	0.004	83-22-16	
95	0	BN072	2768459.343	298892.906	0.004	0.004	85-21-20	
96	0	BN073	2768433.313	298906.723	0.004	0.004	77-02-53	
97	0	BN087	2768901.247	298735.464	0.004	0.004	151-41-24	
98	0	BN100	2768470.161	298712.005	0.004	0.003	86-01-00	
99	0	BN101	2768491.346	298793.733	0.004	0.004	71-58-37	
100	0	BN102	2768528.892	298771.603	0.004	0.004	94-44-17	
101	0	BN103	2768518.274	298750.055	0.005	0.004	78-47-01	
102	0	BN104	2768560.233	298725.220	0.005	0.004	59-34-38	
103	0	BN105	2768572.554	298740.405	0.004	0.004	163-55-44	
104	0	BN106	2768584.862	298732.075	0.004	0.004	149-53-50	
105	0	BN107	2768601.525	298727.741	0.004	0.004	156-19-29	
106	0	BN114	2768472.875	298663.916	0.004	0.003	81-30-39	
107	0	BN115	2768438.869	298656.317	0.004	0.004	69-23-55	
108	0	BN127	2768238.659	298544.107	0.004	0.003	15-39-10	
109	0	BN128	2768252.687	298560.098	0.004	0.003	30-24-24	
110	0	BN139	2768265.938	298635.651	0.004	0.003	54-13-42	
111	0	BN140	2768287.898	298656.064	0.004	0.003	58-05-36	
112	0	BN141	2768328.857	298721.835	0.004	0.003	73-52-09	
113	0	BN153	2768629.859	298707.447	0.004	0.004	164-05-05	
114	0	BN155	2768663.680	298694.104	0.004	0.004	149-53-53	
115	0	BN156	2768693.999	298676.792	0.004	0.004	153-45-04	
116	0	BN157	2768657.149	298616.864	0.004	0.003	8-45-47	
117	0	BN160	2768632.134	298570.507	0.004	0.003	59-49-31	
118	0	BN161	2768612.777	298534.677	0.004	0.003	61-55-41	
119	0	BN163	2768585.454	298586.668	0.005	0.004	0-45-13	
120	0	BN164	2768601.520	298588.752	0.005	0.004	163-25-21	
121	0	BN165	2768549.808	298584.264	0.005	0.004	47-21-27	
122	0	BN166	2768556.492	298535.019	0.004	0.004	83-18-14	
123	0	BN167	2768520.599	298530.936	0.004	0.004	44-12-26	
124	0	BN172	2768249.961	298593.065	0.005	0.003	74-20-26	
125	0	BN174	2768499.715	298463.770	0.003	0.003	25-25-08	
126	0	BN175	2768514.723	298465.267	0.003	0.003	15-33-32	
127	0	BN177	2768585.914	298463.851	0.003	0.003	26-46-19	
128	0	BN180	2768507.505	298388.460	0.004	0.003	69-35-17	
129	0	BN183	2768631.723	298480.968	0.003	0.003	31-01-42	
130	0	BN184	2768714.800	298593.738	0.003	0.003	107-19-17	

131	0	BN185	2768693.258	298616.955	0.004	0.003	145-12-03
132	0	BN201	2767810.128	299185.912	0.005	0.004	55-10-19
133	0	BN202	2767704.850	299201.720	0.005	0.004	68-33-19
134	0	BN203	2767991.673	299152.715	0.004	0.002	67-01-19
135	0	BN206	2768614.537	299137.717	0.006	0.004	142-24-30
136	0	BN207	2768691.843	299061.977	0.005	0.003	138-45-50
137	0	BN209	2768658.262	298205.660	0.004	0.003	18-56-42
138	0	BN210	2768673.016	298293.948	0.004	0.003	71-30-42
139	0	BN211	2768683.649	298335.327	0.004	0.003	77-01-53
140	0	BN212	2768700.633	298377.599	0.004	0.003	85-37-45
141	0	BN218	2768873.305	298651.050	0.004	0.004	75-28-01
142	0	BN219	2768825.559	298652.066	0.006	0.004	15-51-41
143	0	BN220	2768781.501	298613.950	0.005	0.004	32-31-49
144	0	BN222	2768758.132	298600.418	0.006	0.004	43-33-58
145	0	BN223	2768738.669	298579.814	0.003	0.003	52-00-11
146	0	BN225	2768621.757	298444.026	0.004	0.003	63-32-44
147	0	BN230	2768676.550	298404.011	0.005	0.003	122-15-55
148	0	BN231	2768681.783	298393.766	0.004	0.004	110-32-53
149	0	BN235	2768463.589	298310.449	0.003	0.001	148-30-58
150	0	BN236	2768149.235	298352.372	0.002	0.001	9-13-28
151	0	BN237	2768094.205	298350.865	0.002	0.001	30-57-54
152	0	BN238	2768050.777	298354.904	0.003	0.002	167-40-26
153	0	BN239	2768153.685	298414.989	0.005	0.002	95-38-16
154	0	BN240	2768141.292	298446.097	0.004	0.002	98-42-03
155	0	BN241	2768147.902	298502.900	0.004	0.002	93-38-05
156	0	BN242	2768156.658	298538.360	0.003	0.003	62-43-31
157	0	BN243	2768131.375	298539.725	0.003	0.003	120-28-57
158	0	BN244	2768066.958	298582.324	0.003	0.003	90-38-01
159	0	BN246	2768102.338	298633.817	0.003	0.003	48-44-45
160	0	BN247	2768157.984	298709.063	0.004	0.003	52-22-11
161	0	BN248	2767826.160	298584.486	0.004	0.001	98-22-30
162	0	BN249	2767714.941	298502.282	0.005	0.005	173-18-05
163	0	BN250	2767676.648	298502.099	0.006	0.004	0-24-26
164	0	BN251	2767743.808	298495.673	0.006	0.005	166-37-56
165	0	BN252	2767633.008	298503.169	0.005	0.004	7-06-04
166	0	BN253	2767596.886	298499.700	0.005	0.003	97-06-22
167	0	BN254	2767593.532	298530.459	0.004	0.003	87-08-58
168	0	BN255	2767538.435	298575.448	0.004	0.003	141-37-23
169	0	BN262	2767452.185	298366.199	0.004	0.003	16-57-11
170	0	BN263	2767516.252	298369.427	0.003	0.003	167-07-20
171	0	BN265	2767370.745	298562.579	0.005	0.004	154-43-39
172	0	BN269	2767638.563	299112.955	0.003	0.001	99-55-30
173	0	BN270	2767615.798	299053.427	0.003	0.001	74-40-13
174	0	BN273	2767343.458	298548.748	0.005	0.004	160-58-55
175	0	BN278	2767257.517	298631.924	0.004	0.003	133-07-52
176	0	BN279	2767255.865	298558.959	0.004	0.003	108-14-41
177	0	BN291	2767151.885	298478.769	0.004	0.002	88-22-47
178	0	BN292	2767141.694	298425.395	0.004	0.002	80-56-31
179	0	BN293	2767157.423	298529.630	0.004	0.001	96-33-27
180	0	BN294	2767149.217	298578.663	0.004	0.002	102-19-16
181	0	BN295	2767816.772	298557.582	0.006	0.003	78-22-30
182	0	BN296	2767820.054	298529.753	0.007	0.003	84-10-22
183	0	BN297	2767814.831	298487.176	0.007	0.005	73-29-45
184	0	BN298	2767803.581	298470.818	0.007	0.005	46-22-11
185	0	BN299	2767798.851	298712.659	0.003	0.002	111-38-14
186	0	BN300	2767731.851	298669.906	0.004	0.003	40-41-00
187	0	BN301	2766695.454	297689.571	0.003	0.000	40-08-09
188	0	BN302	2766727.239	297723.306	0.003	0.000	50-36-12
189	0	BN303	2766824.359	297827.155	0.003	0.001	36-12-26
190	0	BN304	2766863.140	297863.426	0.004	0.002	37-48-15
191	0	BN305	2766895.252	297886.934	0.003	0.002	19-15-11
192	0	BN306	2766914.068	297896.797	0.005	0.002	36-05-16
193	0	BN307	2766952.702	297936.862	0.004	0.002	38-06-04
194	0	BN308	2766964.360	297949.493	0.005	0.001	32-31-17
195	0	BN309	2767058.119	298001.116	0.003	0.001	47-28-04
196	0	BN310	2767113.470	298162.907	0.004	0.001	94-58-09
197	0	BN311	2767119.756	298191.221	0.003	0.002	95-18-05
198	0	BN312	2767091.599	298268.142	0.004	0.003	78-09-41
199	0	BN313	2766748.132	297608.865	0.003	0.001	123-31-14
200	0	BN315	2766745.773	297676.230	0.003	0.003	8-03-06
201	0	BN316	2766814.986	297747.801	0.004	0.003	19-37-12
202	0	BN317	2766755.076	297707.310	0.003	0.003	31-03-07
203	0	BN318	2766786.766	297764.652	0.004	0.003	41-48-38
204	0	BN319	2766839.712	297752.792	0.003	0.003	27-30-12
205	0	BN327	2766882.910	297732.812	0.003	0.003	123-55-35
206	0	BN328	2766859.208	297751.697	0.003	0.003	178-18-47
207	0	BN330	2766790.884	297605.699	0.003	0.002	145-06-23
208	0	BN331	2766908.461	297528.746	0.004	0.003	76-51-42
209	0	BN332	2766852.565	297559.780	0.004	0.003	143-18-52
210	0	BN334	2766911.794	297713.978	0.003	0.003	88-34-37
211	0	BN335	2766922.828	297736.267	0.003	0.003	50-50-08
212	0	BN336	2766975.220	297814.009	0.003	0.002	167-54-41
213	0	BN337	2766992.974	297849.284	0.004	0.002	47-52-55
214	0	BN338	2767015.541	297874.313	0.003	0.002	2-59-55
215	0	BN339	2767045.969	297900.449	0.003	0.002	146-33-22
216	0	BN340	2767086.180	297916.816	0.003	0.002	4-54-53
217	0	BN343	2767230.388	297938.114	0.003	0.001	54-07-23
218	0	BN344	2767136.260	297857.861	0.003	0.002	53-08-19

219	0	BN347	2767088.038	297800.410	0.002	0.001	26-24-36
220	0	BN348	2767052.869	297845.747	0.003	0.002	141-40-28
221	0	BN349	2767007.570	297804.258	0.003	0.001	147-48-46
222	0	BN350	2767019.809	297761.934	0.004	0.001	43-38-38
223	0	BN351	2766972.857	297705.640	0.003	0.002	39-57-16
224	0	BN353	2767097.371	297967.673	0.004	0.003	129-45-18
225	0	BN355	2767126.280	298339.842	0.003	0.003	25-45-42
226	0	BN356	2767117.421	298300.757	0.004	0.003	73-17-05
227	0	BN357	2767154.273	298239.088	0.003	0.003	85-26-42
228	0	BN358	2767155.178	298344.140	0.003	0.002	20-22-29
229	0	BN359	2767256.729	298351.349	0.003	0.003	169-36-55
230	0	BN361	2767275.580	298231.372	0.004	0.002	146-55-51
231	0	BN362	2767321.960	298196.859	0.003	0.002	157-07-11
232	0	BN363	2767277.177	298144.619	0.004	0.002	26-20-15
233	0	BN366	2767370.844	298153.755	0.002	0.000	177-13-54
234	0	BN367	2767346.092	298099.303	0.004	0.001	57-07-50
235	0	BN368	2767397.273	298125.471	0.003	0.001	126-29-33
236	0	BN369	2767395.140	298183.611	0.003	0.002	33-18-34
237	0	BN375	2767489.318	298193.032	0.003	0.003	25-54-40
238	0	BN382	2767618.634	298347.662	0.004	0.003	179-23-38
239	0	BN383	2767590.676	298346.400	0.004	0.003	175-17-34
240	0	BN384	2767417.373	298334.795	0.004	0.003	5-28-49
241	0	BN385	2767349.426	298330.880	0.004	0.003	173-55-09
242	0	BN386	2767301.949	298256.843	0.004	0.003	9-34-39
243	0	BN387	2767333.786	298231.644	0.005	0.003	150-13-08
244	0	BN389	2767408.164	297941.519	0.003	0.001	149-35-25
245	0	BN390	2767546.152	297854.712	0.004	0.001	149-55-59
246	0	BN392	2767482.245	297901.310	0.003	0.001	151-23-07
247	0	BN393	2767519.786	297871.043	0.003	0.001	146-05-58
248	0	BN394	2767629.916	297991.714	0.003	0.001	138-48-34
249	0	BN395	2767598.669	298013.080	0.003	0.002	151-46-17
250	0	BN396	2767548.222	297924.280	0.004	0.003	69-35-00
251	0	BN399	2767479.827	297974.092	0.004	0.002	53-41-58
252	0	BN402	2767663.793	298625.575	0.004	0.003	179-53-44
253	0	BN403	2767610.570	298633.158	0.004	0.003	93-39-25
254	0	BN404	2767599.557	298724.144	0.003	0.001	74-16-21
255	0	BN407	2767130.069	298608.611	0.003	0.003	118-23-16
256	0	BN408	2767027.689	298590.726	0.004	0.003	108-43-22
257	0	BN414	2767639.748	299142.578	0.002	0.000	55-42-04
258	0	BN415	2767564.214	298906.450	0.003	0.002	124-13-30
259	0	BN420	2767870.819	298655.699	0.003	0.002	13-16-31
260	0	BN433	2767915.281	298658.832	0.003	0.002	177-01-44
261	0	BN434	2767955.317	298595.137	0.003	0.003	131-27-22
262	0	BN438	2768000.936	298572.570	0.003	0.003	113-32-54
263	0	BN440	2768055.203	298519.216	0.003	0.003	70-06-47
264	0	BN441	2767964.044	298389.583	0.003	0.002	41-43-31
265	0	BN443	2767897.086	298661.733	0.003	0.002	5-52-52
266	0	BN450	2767657.189	298168.933	0.004	0.003	145-19-56
267	0	BN460	2767850.158	298354.200	0.003	0.002	35-13-11
268	0	BN461	2767780.516	298356.745	0.004	0.003	15-59-09
269	0	BN469	2767736.552	298268.762	0.004	0.004	74-49-52
270	0	BN470	2767767.601	298243.764	0.004	0.004	105-34-08
271	0	BN471	2767736.161	298198.422	0.004	0.002	147-47-07
272	0	BN474	2767684.560	298147.182	0.004	0.002	141-42-18
273	0	BN475	2767713.090	298130.105	0.004	0.001	140-13-41
274	0	BN478	2767466.049	298178.479	0.003	0.003	47-39-59
275	0	BN479	2767517.855	298172.803	0.003	0.003	136-06-53
276	0	BN480	2767537.770	298180.272	0.004	0.003	11-06-42
277	0	BN481	2767710.327	298356.744	0.004	0.003	4-26-15
278	0	BN482	2767666.871	298353.349	0.005	0.003	5-04-49
279	0	BN483	2767636.410	298348.718	0.004	0.003	176-40-08
280	0	BN487	2767716.955	298284.837	0.005	0.004	139-24-35
281	0	BN488	2767706.620	298285.631	0.006	0.004	173-57-53
282	0	BN489	2767682.840	298261.233	0.006	0.005	18-33-15
283	0	BN490	2767655.036	298258.388	0.006	0.004	38-11-34
284	0	BN492	2767798.858	298162.307	0.001	0.000	0-27-52
285	0	BN494	2767641.256	298126.996	0.004	0.004	146-33-19
286	0	BN495	2767628.444	298134.794	0.004	0.004	125-13-09
287	0	BN496	2767597.882	298059.880	0.005	0.004	136-50-49
288	0	BN497	2767560.976	298084.212	0.005	0.003	63-52-39
289	0	BN500	2767630.352	298225.953	0.004	0.003	140-40-18
290	0	BN501	2767568.659	298227.975	0.005	0.004	15-07-42
291	0	BN502	2767597.289	298215.244	0.005	0.004	49-09-40
292	0	BN507	2767616.403	298236.247	0.004	0.003	140-02-15
293	0	BN508	2766673.116	297701.678	0.004	0.003	159-30-11
294	0	BN509	2767972.188	298381.904	0.003	0.002	9-04-58
295	0	BN510	2767923.438	298380.764	0.002	0.001	52-45-14
296	0	BN511	2767379.846	297963.772	0.004	0.001	144-28-34
297	0	BN512	2768382.747	298695.595	0.005	0.004	146-21-18
298	0	BN514	2767872.899	298380.289	0.003	0.002	28-08-36
299	0	BN3225	2767215.550	298672.594	0.004	0.002	166-12-47
300	0	BNI058	2767179.300	297906.491	0.003	0.001	122-44-30
301	0	BNI059	2767113.135	297934.783	0.003	0.002	161-46-57
302	0	BNI100	2767461.020	298084.135	0.002	0.001	147-02-02
303	0	BNI125	2767539.902	298039.059	0.003	0.002	152-04-04
304	0	BPJ05	2767600.584	298569.512	0.003	0.003	148-32-42
305	0	BPJ08	2767467.236	298560.099	0.006	0.004	178-32-39
306	0	BPJ09	2767391.501	298564.584	0.005	0.004	145-49-22

307	0	HN001	2768950.132	298776.436	0.005	0.004	166-18-58
308	0	HN004-1	2767390.842	298682.929	0.007	0.004	146-33-22
309	0	HN010	2768457.002	298944.623	0.004	0.004	103-54-20
310	0	HN011	2768432.658	298953.931	0.004	0.004	128-51-32
311	0	HN012	2768407.724	298963.558	0.004	0.003	86-14-12
312	0	HN013	2768381.396	298972.773	0.004	0.003	90-16-34
313	0	HN015	2768197.880	299036.085	0.004	0.004	152-48-10
314	0	HN016	2768114.984	299052.948	0.004	0.004	167-29-37
315	0	HN017	2768045.618	299066.445	0.004	0.003	167-08-24
316	0	HN020	2767922.587	298959.970	0.006	0.003	73-52-45
317	0	HN021	2767888.307	298856.099	0.005	0.003	69-35-44
318	0	HN022	2767854.518	298779.798	0.003	0.003	1-31-21
319	0	HN023	2767915.853	298764.092	0.003	0.003	163-39-15
320	0	HN024	2767952.414	298826.044	0.005	0.004	54-34-39
321	0	HN025	2767995.345	298867.817	0.004	0.004	91-49-21
322	0	HN026	2767995.296	298889.238	0.005	0.004	75-05-54
323	0	HN027	2768024.073	298911.575	0.005	0.004	54-02-27
324	0	HN028	2768029.198	298937.697	0.005	0.004	46-45-03
325	0	HN033	2768067.227	298992.484	0.004	0.004	27-04-06
326	0	HN034	2768087.586	299021.091	0.004	0.004	32-11-34
327	0	HN035	2768141.627	298995.521	0.006	0.004	108-52-12
328	0	HN036	2768140.553	299018.426	0.005	0.005	50-02-01
329	0	HN037	2768172.532	299027.936	0.005	0.004	21-05-32
330	0	HN038	2768121.126	299002.072	0.005	0.004	155-59-50
331	0	HN039	2768146.825	298972.592	0.005	0.004	130-38-54
332	0	HN040	2768173.355	299001.886	0.006	0.005	102-35-43
333	0	HN041	2768184.539	298943.142	0.005	0.004	131-13-22
334	0	HN042	2768232.226	298909.608	0.005	0.004	120-47-01
335	0	HN043	2768251.081	298864.597	0.005	0.003	129-41-08
336	0	HN044	2768240.909	298852.841	0.005	0.005	52-54-29
337	0	HN045	2768220.955	298847.197	0.005	0.004	50-13-42
338	0	HN046	2768184.661	298837.666	0.005	0.005	29-09-12
339	0	HN047	2768167.596	298851.424	0.005	0.005	29-10-34
340	0	HN049	2768143.195	298787.510	0.004	0.004	167-19-58
341	0	HN050	2768171.733	298768.669	0.004	0.003	105-04-38
342	0	HN053	2768060.826	298814.499	0.004	0.003	146-11-20
343	0	HN054	2768026.385	298838.733	0.004	0.004	116-07-03
344	0	HN055	2768047.868	298898.544	0.004	0.004	64-26-11
345	0	HN056	2768056.906	298911.800	0.004	0.004	57-48-30
346	0	HN059	2768097.486	298948.074	0.004	0.004	157-08-50
347	0	HN060	2768102.869	298965.841	0.005	0.004	75-14-38
348	0	HN061	2768147.979	298934.923	0.005	0.004	142-43-01
349	0	HN062	2768126.162	298889.584	0.006	0.004	62-36-05
350	0	HN074	2768412.187	298918.907	0.004	0.004	87-50-22
351	0	HN075	2768386.121	298926.634	0.004	0.003	80-33-28
352	0	HN076	2768365.597	298937.496	0.005	0.004	91-15-26
353	0	HN077	2768463.005	298858.225	0.004	0.004	140-04-32
354	0	HN078	2768517.036	298834.651	0.004	0.004	147-29-11
355	0	HN079	2768541.624	298819.907	0.004	0.004	145-16-12
356	0	HN080	2768570.316	298810.884	0.004	0.004	158-08-45
357	0	HN081	2768605.340	298798.667	0.004	0.003	158-02-30
358	0	HN082	2768686.915	298776.061	0.004	0.003	160-54-34
359	0	HN083	2768654.725	298782.913	0.004	0.003	155-31-50
360	0	HN084	2768784.103	298770.566	0.004	0.003	144-49-33
361	0	HN085	2768810.413	298739.562	0.004	0.003	150-44-05
362	0	HN086	2768849.791	298729.229	0.005	0.003	171-20-57
363	0	HN088	2768387.847	298814.068	0.005	0.003	79-21-32
364	0	HN089	2768390.475	298838.357	0.004	0.003	76-09-43
365	0	HN090	2768360.552	298851.562	0.004	0.004	68-49-08
366	0	HN091	2768287.550	298866.526	0.004	0.003	84-46-10
367	0	HN092	2768279.533	298839.225	0.004	0.003	90-10-46
368	0	HN093	2768303.351	298805.174	0.006	0.004	129-20-18
369	0	HN094	2768329.829	298796.403	0.006	0.004	143-08-21
370	0	HN095	2768367.084	298777.147	0.004	0.003	76-44-15
371	0	HN096	2768385.117	298751.830	0.006	0.004	117-35-18
372	0	HN097	2768409.308	298731.950	0.006	0.004	116-43-45
373	0	HN098	2768422.828	298699.636	0.004	0.004	109-50-25
374	0	HN099	2768446.145	298712.368	0.005	0.004	8-54-19
375	0	HN108	2768558.736	298645.920	0.005	0.004	27-40-50
376	0	HN109	2768544.656	298641.462	0.004	0.004	71-14-07
377	0	HN110	2768534.625	298642.512	0.004	0.004	49-04-22
378	0	HN111	2768547.515	298702.799	0.004	0.004	65-16-48
379	0	HN112	2768524.962	298706.720	0.004	0.004	10-08-21
380	0	HN113	2768510.857	298648.360	0.004	0.004	153-44-59
381	0	HN116	2768437.632	298637.324	0.004	0.004	88-53-05
382	0	HN117	2768425.698	298683.631	0.006	0.004	108-22-53
383	0	HN118	2768453.896	298623.210	0.004	0.004	86-29-58
384	0	HN119	2768450.796	298594.093	0.005	0.003	78-03-40
385	0	HN120	2768449.531	298522.107	0.004	0.003	69-07-28
386	0	HN121	2768416.547	298519.770	0.004	0.004	33-07-44
387	0	HN122	2768415.355	298555.337	0.004	0.004	56-30-43
388	0	HN123	2768390.454	298560.299	0.005	0.004	10-25-43
389	0	HN124	2768343.338	298556.949	0.004	0.004	23-20-20
390	0	HN125	2768342.640	298538.198	0.004	0.004	24-20-02
391	0	HN126	2768315.937	298528.105	0.005	0.003	9-35-30
392	0	HN129	2768292.896	298562.649	0.004	0.003	12-21-03
393	0	HN130	2768314.443	298558.778	0.004	0.004	5-18-07
394	0	HN131	2768316.043	298658.483	0.005	0.004	4-21-22

395	0	HN132	2768333.383	298646.101	0.006	0.004	157-01-56
396	0	HN133	2768393.911	298645.259	0.006	0.004	166-43-03
397	0	HN134	2768233.068	298561.351	0.004	0.003	5-13-59
398	0	HN135	2768238.512	298601.836	0.005	0.004	84-04-31
399	0	HN136	2768238.741	298609.823	0.005	0.004	85-44-35
400	0	HN137	2768232.201	298626.031	0.006	0.004	104-54-23
401	0	HN138	2768231.444	298655.236	0.005	0.004	101-26-15
402	0	HN142	2768280.800	298748.865	0.005	0.004	144-35-19
403	0	HN143	2768239.107	298777.096	0.004	0.003	71-59-13
404	0	HN144	2768297.192	298776.530	0.005	0.004	144-18-35
405	0	HN145	2768338.769	298748.962	0.004	0.003	73-31-22
406	0	HN146	2768481.495	298583.698	0.005	0.004	154-17-42
407	0	HN147	2768510.545	298575.424	0.005	0.004	102-10-34
408	0	HN148	2768505.684	298590.708	0.006	0.004	97-50-01
409	0	HN149	2768537.665	298600.173	0.006	0.004	87-12-38
410	0	HN150	2768540.000	298626.104	0.004	0.004	69-03-32
411	0	HN151	2768228.958	298810.933	0.004	0.003	64-25-30
412	0	HN152	2768578.552	298618.749	0.004	0.004	174-23-02
413	0	HN154	2768666.865	298717.734	0.004	0.004	6-33-47
414	0	HN158	2768626.611	298614.005	0.004	0.003	1-07-29
415	0	HN159	2768630.888	298649.578	0.005	0.004	69-09-37
416	0	HN162	2768588.019	298530.220	0.005	0.004	21-20-32
417	0	HN168	2768506.404	298531.071	0.004	0.004	52-50-35
418	0	HN169	2768490.208	298528.312	0.004	0.003	48-34-36
419	0	HN170	2768426.225	298455.646	0.003	0.002	61-49-48
420	0	HN171	2768466.133	298451.914	0.003	0.003	36-20-59
421	0	HN173	2768485.208	298463.903	0.003	0.003	22-20-25
422	0	HN176	2768554.548	298461.184	0.003	0.003	19-19-14
423	0	HN178	2768552.495	298409.821	0.005	0.002	66-16-55
424	0	HN179	2768538.689	298366.174	0.004	0.002	67-07-05
425	0	HN181	2768446.952	298357.461	0.002	0.001	3-24-46
426	0	HN182	2768471.786	298394.541	0.004	0.002	58-05-33
427	0	HN186	2768751.128	298668.322	0.004	0.004	78-15-27
428	0	HN187	2768721.592	298687.187	0.004	0.004	21-22-59
429	0	HN188	2768783.704	298661.161	0.004	0.004	77-49-28
430	0	HN189	2768187.184	298663.774	0.006	0.005	107-20-55
431	0	HN190	2768196.746	298677.665	0.006	0.004	132-47-08
432	0	HN191	2768137.593	298632.187	0.004	0.003	16-37-47
433	0	HN192	2768108.137	298775.817	0.005	0.003	15-01-16
434	0	HN193	2768062.327	298762.065	0.005	0.003	8-18-56
435	0	HN194	2768089.036	298723.123	0.005	0.004	110-28-41
436	0	HN195	2768069.208	298694.460	0.005	0.004	58-18-58
437	0	HN196	2768097.217	298681.442	0.005	0.005	153-36-14
438	0	HN197	2768075.989	298656.406	0.005	0.004	137-46-21
439	0	HN198	2768052.992	298671.542	0.005	0.004	62-52-27
440	0	HN199	2768023.776	298617.692	0.004	0.003	126-45-28
441	0	HN200	2767999.297	298638.747	0.004	0.003	143-20-51
442	0	HN204	2768129.919	299168.865	0.006	0.005	47-14-10
443	0	HN205	2768389.400	299209.473	0.007	0.006	88-10-58
444	0	HN208	2768992.842	298860.853	0.005	0.004	100-43-06
445	0	HN213	2768760.493	298443.923	0.005	0.004	69-50-31
446	0	HN214	2768772.329	298485.962	0.005	0.004	66-15-49
447	0	HN215	2768807.186	298535.304	0.004	0.004	69-42-42
448	0	HN216	2768846.578	298584.293	0.005	0.004	68-34-35
449	0	HN217	2768863.693	298608.919	0.005	0.004	72-10-01
450	0	HN221	2768821.394	298600.219	0.005	0.004	159-41-43
451	0	HN224	2768689.953	298513.727	0.004	0.003	42-36-21
452	0	HN226	2768598.452	298398.172	0.003	0.003	56-46-51
453	0	HN227	2768646.147	298475.534	0.003	0.003	23-36-50
454	0	HN228	2768672.243	298447.996	0.005	0.003	132-00-57
455	0	HN229	2768700.711	298432.740	0.005	0.004	122-05-41
456	0	HN232	2768652.662	298370.134	0.005	0.004	62-54-06
457	0	HN233	2768643.816	298355.037	0.004	0.003	116-51-11
458	0	HN234	2768631.611	298334.148	0.004	0.004	86-27-28
459	0	HN245	2768052.592	298593.392	0.005	0.003	139-29-11
460	0	HN256	2767536.375	298538.456	0.005	0.004	95-23-53
461	0	HN257	2767524.137	298490.931	0.005	0.003	82-47-31
462	0	HN258	2767526.438	298447.491	0.006	0.004	85-52-19
463	0	HN259	2767523.968	298407.980	0.005	0.004	71-15-22
464	0	HN260	2767488.902	298399.349	0.006	0.005	7-56-06
465	0	HN261	2767448.042	298405.451	0.005	0.005	64-01-35
466	0	HN264	2767445.661	298555.037	0.006	0.004	163-10-13
467	0	HN266	2767381.376	298542.910	0.007	0.004	117-25-27
468	0	HN267	2767369.412	298438.329	0.006	0.005	26-48-49
469	0	HN268	2767371.302	298388.543	0.007	0.005	26-49-32
470	0	HN271	2767591.391	298445.627	0.005	0.004	94-58-57
471	0	HN272	2767631.240	298420.270	0.005	0.004	93-15-25
472	0	HN274	2767341.566	298438.703	0.005	0.005	20-27-06
473	0	HN275	2767331.638	298380.197	0.007	0.004	12-34-54
474	0	HN276	2767285.785	298381.968	0.006	0.004	177-46-01
475	0	HN277	2767293.817	298438.582	0.005	0.005	1-34-37
476	0	HN280	2767261.380	298542.259	0.004	0.003	106-17-00
477	0	HN281	2767251.287	298464.640	0.004	0.003	91-34-41
478	0	HN282	2767256.128	298379.258	0.004	0.003	95-13-11
479	0	HN283	2767216.295	298468.498	0.005	0.004	163-15-18
480	0	HN284	2767213.451	298460.200	0.005	0.004	164-48-46
481	0	HN285	2767195.474	298458.994	0.005	0.004	161-24-15
482	0	HN286	2767213.148	298540.355	0.004	0.004	169-24-41

483	0	HN287	2767192.270	298542.192	0.005	0.004	175-55-39
484	0	HN288	2767171.938	298539.922	0.004	0.004	30-38-22
485	0	HN289	2767170.627	298476.264	0.004	0.004	137-47-27
486	0	HN290	2767177.054	298457.729	0.005	0.004	136-40-40
487	0	HN314	2766767.832	297657.151	0.003	0.002	81-30-25
488	0	HN320	2766863.507	297787.878	0.003	0.003	17-24-37
489	0	HN321	2766840.171	297815.040	0.003	0.003	9-20-13
490	0	HN322	2766885.453	297808.205	0.004	0.003	33-28-47
491	0	HN323	2766929.635	297843.680	0.003	0.002	160-40-07
492	0	HN324	2766907.958	297874.047	0.004	0.003	151-33-18
493	0	HN325	2766914.325	297797.625	0.004	0.003	73-56-22
494	0	HN326	2766895.194	297768.602	0.003	0.003	113-18-54
495	0	HN329	2766817.783	297653.881	0.003	0.002	149-39-39
496	0	HN333	2766885.581	297626.459	0.003	0.002	152-59-00
497	0	HN341	2767143.889	297914.519	0.004	0.002	158-47-53
498	0	HN342	2767191.313	297968.337	0.004	0.003	48-59-00
499	0	HN345	2767114.937	297832.550	0.002	0.001	122-01-09
500	0	HN346	2767093.661	297848.027	0.004	0.001	141-24-19
501	0	HN352	2766996.407	297899.028	0.004	0.003	140-15-54
502	0	HN354	2767240.632	298031.969	0.003	0.001	137-05-05
503	0	HN360	2767247.501	298263.144	0.004	0.003	131-20-13
504	0	HN364	2767308.164	298128.992	0.005	0.003	176-18-17
505	0	HN365	2767351.943	298169.905	0.004	0.001	145-27-10
506	0	HN370	2767412.403	298192.548	0.003	0.002	37-11-15
507	0	HN371	2767389.270	298211.152	0.005	0.003	144-20-17
508	0	HN372	2767352.226	298242.526	0.005	0.003	135-00-49
509	0	HN373	2767427.797	298220.370	0.003	0.002	37-17-08
510	0	HN374	2767448.217	298245.815	0.003	0.002	35-03-57
511	0	HN376	2767476.511	298274.816	0.004	0.003	28-21-33
512	0	HN377	2767519.485	298214.773	0.003	0.003	42-24-16
513	0	HN378	2767515.856	298297.864	0.003	0.003	21-31-50
514	0	HN379	2767551.237	298240.980	0.003	0.003	69-52-12
515	0	HN380	2767571.532	298325.687	0.004	0.003	14-16-37
516	0	HN381	2767599.872	298338.621	0.005	0.003	16-36-20
517	0	HN388	2767426.043	298278.308	0.005	0.003	90-20-12
518	0	HN391	2767601.115	297939.477	0.004	0.003	63-19-46
519	0	HN397	2767560.839	298024.644	0.003	0.002	163-28-24
520	0	HN398	2767538.463	297982.740	0.004	0.003	59-36-36
521	0	HN400	2767503.669	298075.463	0.003	0.002	160-39-36
522	0	HN401	2767742.291	298606.928	0.005	0.003	128-00-54
523	0	HN405	2767324.829	298654.133	0.005	0.005	161-52-33
524	0	HN406	2767391.165	298624.016	0.007	0.005	101-39-25
525	0	HN409	2767666.750	298843.690	0.004	0.002	136-44-22
526	0	HN409-1	2767617.105	298885.212	0.002	0.001	94-55-23
527	0	HN410	2767726.546	298819.491	0.004	0.003	151-34-50
528	0	HN411	2767864.137	299096.307	0.004	0.003	161-43-42
529	0	HN412	2767797.913	299106.122	0.005	0.003	170-10-14
530	0	HN413	2767703.487	299120.763	0.003	0.002	168-06-04
531	0	HN416	2767688.573	298873.179	0.006	0.004	55-24-20
532	0	HN417	2767732.987	298882.696	0.007	0.005	36-26-40
533	0	HN418	2767764.077	298954.552	0.007	0.005	61-31-59
534	0	HN419	2767765.746	299023.724	0.006	0.005	60-06-36
535	0	HN421	2768005.744	298672.767	0.005	0.004	90-52-36
536	0	HN422	2768001.826	298698.796	0.006	0.004	98-11-08
537	0	HN423	2767993.455	298754.371	0.005	0.003	179-53-04
538	0	HN424	2768010.931	298752.317	0.004	0.003	169-16-27
539	0	HN425	2768015.769	298789.395	0.005	0.004	82-50-52
540	0	HN426	2767974.208	298751.982	0.004	0.003	11-55-40
541	0	HN427	2767976.374	298722.730	0.006	0.004	85-24-38
542	0	HN428	2767963.498	298703.356	0.005	0.004	86-49-46
543	0	HN429	2767982.967	298643.397	0.005	0.003	169-38-40
544	0	HN430	2767961.242	298640.534	0.003	0.003	96-58-43
545	0	HN431	2767963.016	298658.151	0.003	0.003	172-45-36
546	0	HN432	2767931.785	298661.893	0.003	0.002	3-25-26
547	0	HN435	2767950.390	298553.244	0.004	0.003	82-58-50
548	0	HN436	2767941.954	298484.980	0.004	0.003	137-43-00
549	0	HN437	2767978.256	298455.925	0.003	0.002	61-07-45
550	0	HN439	2767994.361	298548.753	0.004	0.003	83-06-52
551	0	HN442	2767920.179	298725.900	0.003	0.003	115-09-26
552	0	HN444	2767902.418	298649.528	0.005	0.003	116-50-37
553	0	HN445	2767879.639	298427.691	0.003	0.003	62-30-12
554	0	HN446	2767905.930	298424.137	0.004	0.003	1-02-37
555	0	HN447	2767914.264	298424.720	0.004	0.003	164-34-50
556	0	HN448	2767883.566	298313.705	0.004	0.000	56-49-07
557	0	HN449	2767874.282	298318.349	0.005	0.004	167-04-04
558	0	HN451	2767861.549	298573.760	0.004	0.003	65-01-11
559	0	HN452	2767877.731	298575.577	0.004	0.004	9-16-57
560	0	HN453	2767862.213	298507.553	0.003	0.003	18-43-19
561	0	HN454	2767853.629	298405.662	0.005	0.003	80-33-49
562	0	HN455	2767882.495	298504.842	0.003	0.003	18-36-19
563	0	HN456	2767914.298	298505.725	0.003	0.003	162-29-01
564	0	HN457	2767890.368	298555.385	0.004	0.003	75-23-28
565	0	HN458	2767895.452	298608.539	0.004	0.003	92-36-28
566	0	HN459	2767920.565	298606.329	0.005	0.004	164-38-09
567	0	HN462	2767778.864	298324.438	0.005	0.004	69-22-53
568	0	HN463	2767825.417	298317.308	0.006	0.005	2-23-04
569	0	HN464	2767823.503	298306.412	0.006	0.005	7-52-09
570	0	HN465	2767839.300	298299.609	0.006	0.005	12-14-59

571	0	HN466	2767770.893	298297.064	0.006	0.003	72-07-10
572	0	HN467	2767765.743	298284.856	0.004	0.003	82-35-16
573	0	HN468	2767753.494	298293.467	0.005	0.004	64-05-49
574	0	HN472	2767668.267	298239.895	0.005	0.004	6-24-32
575	0	HN473	2767721.874	298205.734	0.004	0.002	152-36-29
576	0	HN476	2767479.629	298089.801	0.003	0.002	179-41-02
577	0	HN477	2767474.129	298150.860	0.005	0.002	90-29-54
578	0	HN484	2767653.333	298314.444	0.005	0.004	127-25-15
579	0	HN485	2767698.273	298319.261	0.006	0.004	146-33-28
580	0	HN486	2767702.196	298297.841	0.006	0.004	137-54-47
581	0	HN491	2767844.806	298227.194	0.004	0.000	64-04-14
582	0	HN493	2767668.874	298121.163	0.004	0.004	74-41-44
583	0	HN498	2767604.100	298153.153	0.004	0.003	51-14-54
584	0	HN499	2767648.556	298207.924	0.004	0.004	123-03-35
585	0	HN503	2767568.733	298164.942	0.004	0.003	41-48-43
586	0	HN504	2767663.096	298291.272	0.005	0.004	114-13-51
587	0	HN505	2767592.406	298258.870	0.004	0.003	144-06-48
588	0	HN506	2767601.511	298241.614	0.004	0.003	136-11-07
589	0	HN515	2767233.080	298468.257	0.006	0.004	168-27-19
590	0	HN516	2767286.966	298406.932	0.006	0.005	81-00-44
591	0	HN517	2767342.356	298488.564	0.006	0.005	88-19-17
592	0	HN518	2767372.971	298514.315	0.007	0.005	97-51-14
593	0	HN519	2767376.539	298489.659	0.007	0.005	91-09-01
594	0	HN520	2767388.348	298575.135	0.007	0.004	106-49-57
595	0	HN521	2767391.174	298589.752	0.007	0.004	96-51-44
596	0	HPJ02	2767753.800	298591.293	0.004	0.002	173-02-54
597	0	HPJ04	2767671.671	298575.200	0.004	0.003	2-05-09

======== 未使用點位 ========

1	1	3003	2769716.714	298085.216	0.000	0.000	45-00-00	2
2	1	BI034	2766806.718	297449.505	0.000	0.000	45-00-00	3
3	1	BK191	2768230.177	298385.967	0.000	0.000	45-00-00	3
4	1	BL004	2768648.632	298110.146	0.000	0.000	45-00-00	3
5	1	BL007	2768554.709	298206.826	0.000	0.000	45-00-00	3
6	1	F195	2767916.230	300548.486	0.000	0.000	45-00-00	2
7	1	F220	2765722.538	296781.889	0.000	0.000	45-00-00	2
8	1	FH98206	2766659.335	297707.920	0.000	0.000	45-00-00	3
9	1	GF50	2767485.010	297527.695	0.000	0.000	45-00-00	2
10	1	GH90	2767903.923	297838.937	0.000	0.000	45-00-00	2
11	1	H98209	2766658.828	297707.537	0.000	0.000	45-00-00	3
12	1	HK196	2767566.604	297768.174	0.000	0.000	45-00-00	3
13	1	HK205	2767873.428	298186.208	0.000	0.000	45-00-00	3

已知點坐標較差(改正量)：

編號	加權等級	點 名	已知 N坐標	已知 E坐標	N 較差	E 較差
1	1	B98135	2767155.900	298541.930	-0.0000	-0.0000
2	1	B98208	2767036.265	297978.318	0.0000	-0.0000
3	1	B98209	2767098.883	298044.008	0.0000	-0.0000
4	1	B98210	2767121.750	298113.573	-0.0000	0.0000
5	1	BI066	2766737.795	297627.524	0.0000	0.0000
6	1	BI094	2766981.660	297960.178	0.0000	-0.0000
7	1	BI095	2767174.512	298090.945	-0.0000	0.0000
8	1	BI097	2767303.756	298032.468	0.0000	0.0000
9	1	BI098	2767444.722	297922.298	-0.0000	-0.0000
10	1	BI101	2767380.652	298153.269	0.0000	-0.0000
11	1	BI104	2767599.826	297831.152	-0.0000	-0.0000
12	1	BI105	2767563.484	297724.298	0.0000	-0.0000
13	1	BK189	2768120.070	298377.520	-0.0000	0.0000
14	1	BK190	2768206.162	298380.565	0.0000	-0.0000
15	1	BK192	2768282.227	298401.472	-0.0000	0.0000
16	1	BK204	2767842.279	298222.038	-0.0000	0.0000
17	1	BK208	2767876.179	298302.531	0.0000	0.0000
18	1	BK209	2767897.939	298334.710	0.0000	0.0000
19	1	BL008	2768533.313	298227.300	0.0000	0.0000
20	1	F194	2767951.330	299111.734	-0.0000	0.0000
21	1	FB98203	2766742.213	297742.560	0.0000	-0.0000
22	1	FB98204	2766785.547	297793.878	-0.0000	0.0000
23	1	FH96256	2767565.704	298904.625	-0.0000	-0.0000
24	1	FH96258	2767606.393	299020.089	-0.0000	0.0000
25	1	FH96260	2767633.189	299131.423	-0.0000	-0.0000
26	1	FH96261	2767522.502	299152.753	0.0000	-0.0000
27	1	FH96452	2767618.577	298862.403	0.0000	0.0000
28	1	FH96453	2767615.269	298778.083	-0.0000	0.0000
29	1	FH98326	2767124.671	298659.605	0.0000	-0.0000
30	1	FH98327	2767072.938	298656.790	0.0000	0.0000
31	1	FH98346	2766659.943	297664.447	0.0000	-0.0000
32	1	FH98347	2766681.079	297674.440	-0.0000	0.0000
33	1	FH98348	2766704.604	297697.071	0.0000	-0.0000
34	1	G315	2768820.730	298954.385	0.0000	0.0000
35	1	GD02	2766927.443	299430.163	0.0000	-0.0000
36	1	GD04	2767131.416	298134.441	0.0000	0.0000
37	1	GD05	2766545.045	297701.457	-0.0000	0.0000
38	1	GF01	2766905.267	297611.092	-0.0000	-0.0000

39	1	GF49	2767599.478	298030.473	-0.0000	0.0000
40	1	GF51	2767063.919	297346.437	0.0000	0.0000
41	1	GH87	2768363.012	298471.197	0.0000	-0.0000
42	1	GH88	2768779.316	298338.320	0.0000	-0.0000
43	1	GH89	2768490.325	297823.609	0.0000	0.0000
44	1	GPJ03	2767818.744	298639.935	-0.0000	-0.0000
45	1	HI056	2767194.168	297877.573	-0.0000	-0.0000
46	1	HI091	2767042.239	297782.591	-0.0000	0.0000
47	1	HI092	2767124.085	297819.101	0.0000	-0.0000
48	1	HI093	2767182.588	297847.683	-0.0000	0.0000
49	1	HI096	2767273.961	297989.157	-0.0000	-0.0000
50	1	HI108	2767456.935	297851.915	0.0000	0.0000
51	1	HK186	2768127.089	298349.700	0.0000	0.0000
52	1	HK193	2768300.590	298404.632	-0.0000	-0.0000
53	1	HK194	2768414.526	298352.721	-0.0000	0.0000
54	1	HK195	2768516.295	298293.051	-0.0000	-0.0000
55	1	HK197	2767616.066	297860.488	-0.0000	0.0000
56	1	HK198	2767664.841	297954.101	-0.0000	-0.0000
57	1	HK199	2767694.584	298011.059	0.0000	-0.0000
58	1	HK200	2767742.651	298104.706	-0.0000	0.0000
59	1	HK201	2767778.468	298164.747	-0.0000	0.0000
60	1	HK202	2767802.761	298199.390	0.0000	-0.0000
61	1	HK211	2768593.359	298166.486	0.0000	0.0000
62	1	HL001	2768632.917	298158.324	-0.0000	-0.0000
63	1	PJ01	2767811.497	298584.959	0.0000	-0.0000