

Table 2: Assigned infrared transitions for the ν_8 band of β -propiolactone.

$J'_{Ka'Kc'}$			\leftarrow	$J''_{Ka''Kc''}$			ν_{obs}	$\nu_{\text{obs}} - \nu_{\text{calc}}$
28	18	10	\leftarrow	29	19	11	1077.45629	-0.00037
23	21	2	\leftarrow	24	22	3	1077.80163	0.00036
34	12	22	\leftarrow	35	13	23	1078.31830	-0.00008
32	12	20	\leftarrow	33	13	21	1078.92587	0.00001
30	13	17	\leftarrow	31	14	18	1079.06373	0.00001
20	20	0	\leftarrow	21	21	1	1079.18181	0.00008
23	17	6	\leftarrow	24	18	7	1079.50500	0.00006
33	10	23	\leftarrow	34	11	24	1079.98189	0.00023
27	13	14	\leftarrow	28	14	15	1080.01846	0.00018
39	10	29	\leftarrow	40	11	30	1080.11185	0.00059
26	13	13	\leftarrow	27	14	14	1080.33732	-0.00003
48	8	40	\leftarrow	49	9	41	1080.34552	-0.00027
47	8	39	\leftarrow	48	9	40	1080.62024	-0.00020
22	15	7	\leftarrow	23	16	8	1080.70902	-0.00005
45	10	36	\leftarrow	46	9	37	1080.94727	-0.00010
21	14	7	\leftarrow	22	15	8	1081.47847	-0.00015
42	9	33	\leftarrow	43	10	34	1081.50676	0.00039
45	7	39	\leftarrow	46	6	40	1081.63683	-0.00028
45	6	39	\leftarrow	46	7	40	1081.63683	-0.00023
44	7	38	\leftarrow	45	6	39	1081.91448	-0.00031
44	6	38	\leftarrow	45	7	39	1081.91448	-0.00021
42	8	34	\leftarrow	43	9	35	1081.95598	-0.00015
43	8	36	\leftarrow	44	7	37	1081.96179	0.00024
42	9	34	\leftarrow	43	8	35	1082.00476	0.00049
22	12	10	\leftarrow	23	13	11	1082.07710	-0.00003
25	10	15	\leftarrow	26	11	16	1082.09439	0.00006
43	6	37	\leftarrow	44	7	38	1082.19140	-0.00015
41	8	33	\leftarrow	42	9	34	1082.20672	0.00018
23	11	12	\leftarrow	24	12	13	1082.23095	-0.00024
42	8	35	\leftarrow	43	7	36	1082.23575	-0.00034
41	9	33	\leftarrow	42	8	34	1082.28781	0.00020
47	0	47	\leftarrow	48	1	48	1082.29344	0.00007
47	1	47	\leftarrow	48	0	48	1082.29344	0.00007
43	6	38	\leftarrow	44	5	39	1082.41173	-0.00025
43	5	38	\leftarrow	44	6	39	1082.41173	-0.00024
41	7	34	\leftarrow	42	8	35	1082.50186	-0.00014
41	8	34	\leftarrow	42	7	35	1082.51069	0.00034
46	1	46	\leftarrow	47	0	47	1082.57838	0.00009
46	0	46	\leftarrow	47	1	47	1082.57838	0.00009

43	5	39	←	44	4	40	1082.62430	-0.00030
43	4	39	←	44	5	40	1082.62430	-0.00030
39	8	31	←	40	9	32	1082.66443	0.00030
42	5	37	←	43	6	38	1082.68972	-0.00011
42	6	37	←	43	5	38	1082.68972	-0.00013
41	7	35	←	42	6	36	1082.74312	-0.00034
41	6	35	←	42	7	36	1082.74312	0.00032
40	7	33	←	41	8	34	1082.76995	-0.00011
40	8	33	←	41	7	34	1082.78506	0.00027
43	4	40	←	44	3	41	1082.83119	-0.00035
43	3	40	←	44	4	41	1082.83119	-0.00035
38	8	30	←	39	9	31	1082.85829	0.00061
45	0	45	←	46	1	46	1082.86251	-0.00013
45	1	45	←	46	0	46	1082.86251	-0.00013
18	13	5	←	19	14	6	1082.88950	0.00023
42	4	38	←	43	5	39	1082.90366	-0.00008
42	5	38	←	43	4	39	1082.90366	-0.00008
41	6	36	←	42	5	37	1082.96726	0.00021
41	5	36	←	42	6	37	1082.96726	0.00025
27	8	19	←	28	9	20	1083.01007	0.00041
19	12	7	←	20	13	8	1083.03095	-0.00023
43	2	41	←	44	3	42	1083.03388	-0.00024
43	3	41	←	44	2	42	1083.03388	-0.00024
39	8	32	←	40	7	33	1083.06001	-0.00020
16	14	2	←	17	15	3	1083.07076	0.00037
42	3	39	←	43	4	40	1083.11164	-0.00007
42	4	39	←	43	3	40	1083.11164	-0.00007
36	8	28	←	37	9	29	1083.12901	0.00006
44	0	44	←	45	1	45	1083.14630	-0.00011
44	1	44	←	45	0	45	1083.14630	-0.00011
33	8	25	←	34	9	26	1083.16645	0.00037
41	5	37	←	42	4	38	1083.18216	-0.00009
41	4	37	←	42	5	38	1083.18216	-0.00009
34	8	26	←	35	9	27	1083.20088	0.00049
43	2	42	←	44	1	43	1083.23302	-0.00024
43	1	42	←	44	2	43	1083.23302	-0.00024
40	6	35	←	41	5	36	1083.24369	0.00012
40	5	35	←	41	6	36	1083.24369	0.00019
38	7	31	←	39	8	32	1083.29382	0.00011
42	2	40	←	43	3	41	1083.31513	-0.00005
42	3	40	←	43	2	41	1083.31513	-0.00005
38	8	31	←	39	7	32	1083.33806	0.00014
41	3	38	←	42	4	39	1083.39134	0.00007

41	4	38	←	42	3	39	1083.39134	0.00007
43	1	43	←	44	0	44	1083.42951	-0.00009
43	0	43	←	44	1	44	1083.42951	-0.00009
40	4	36	←	41	5	37	1083.46036	0.00022
40	5	36	←	41	4	37	1083.46036	0.00021
19	11	8	←	20	12	9	1083.49757	0.00012
42	1	41	←	43	2	42	1083.51504	-0.00008
42	2	41	←	43	1	42	1083.51504	-0.00008
39	6	34	←	40	5	35	1083.51955	0.00014
39	5	34	←	40	6	35	1083.51955	0.00029
37	7	30	←	38	8	31	1083.54524	0.00025
38	7	32	←	39	6	33	1083.56626	0.00020
41	2	39	←	42	3	40	1083.59565	0.00001
41	3	39	←	42	2	40	1083.59565	0.00001
38	10	29	←	39	9	30	1083.61134	-0.00012
37	8	30	←	38	7	31	1083.62013	0.00006
20	10	10	←	21	11	11	1083.65576	-0.00005
40	3	37	←	41	4	38	1083.67036	0.00012
40	4	37	←	41	3	38	1083.67036	0.00012
42	0	42	←	43	1	43	1083.71208	-0.00015
42	1	42	←	43	0	43	1083.71208	-0.00015
39	5	35	←	40	4	36	1083.73764	0.00024
39	4	35	←	40	5	36	1083.73764	0.00024
36	7	29	←	37	8	30	1083.78425	-0.00020
38	6	33	←	39	5	34	1083.79454	-0.00001
38	5	33	←	39	6	34	1083.79454	0.00026
41	1	40	←	42	2	41	1083.79653	0.00013
41	2	40	←	42	1	41	1083.79653	0.00013
37	6	31	←	38	7	32	1083.83232	0.00018
37	7	31	←	38	6	32	1083.83944	0.00002
15	13	2	←	16	14	3	1083.84104	0.00039
40	2	38	←	41	3	39	1083.87543	-0.00009
40	3	38	←	41	2	39	1083.87543	-0.00009
39	4	36	←	40	3	37	1083.94878	0.00017
39	3	36	←	40	4	37	1083.94878	0.00017
41	0	41	←	42	1	42	1083.99432	0.00005
41	1	41	←	42	0	42	1083.99432	0.00005
35	7	28	←	36	8	29	1084.00691	0.00043
38	4	34	←	39	5	35	1084.01426	0.00025
38	5	34	←	39	4	35	1084.01426	0.00024
37	6	32	←	38	5	33	1084.06877	-0.00024
37	5	32	←	38	6	33	1084.06877	0.00028
40	1	39	←	41	2	40	1084.07707	-0.00003

40	2	39	←	41	1	40	1084.07707	-0.00003
36	6	30	←	37	7	31	1084.10013	0.00017
36	7	30	←	37	6	31	1084.11307	0.00015
39	3	37	←	40	2	38	1084.15497	0.00016
39	2	37	←	40	3	38	1084.15497	0.00016
35	8	28	←	36	7	29	1084.21253	-0.00011
38	4	35	←	39	3	36	1084.22665	0.00028
38	3	35	←	39	4	36	1084.22665	0.00028
40	0	40	←	41	1	41	1084.27564	-0.00011
40	1	40	←	41	0	41	1084.27564	-0.00011
37	5	33	←	38	4	34	1084.29009	0.00009
37	4	33	←	38	5	34	1084.29009	0.00012
36	5	31	←	37	6	32	1084.34216	0.00033
36	6	31	←	37	5	32	1084.34300	0.00019
21	8	13	←	22	9	14	1084.35076	0.00053
39	2	38	←	40	1	39	1084.35720	-0.00002
39	1	38	←	40	2	39	1084.35720	-0.00002
35	6	29	←	36	7	30	1084.36495	0.00046
35	7	29	←	36	6	30	1084.38720	-0.00013
38	2	36	←	39	3	37	1084.43386	0.00034
38	3	36	←	39	2	37	1084.43386	0.00034
19	9	10	←	20	10	11	1084.45365	-0.00004
25	7	18	←	26	8	19	1084.47772	0.00047
37	3	34	←	38	4	35	1084.50378	0.00026
37	4	34	←	38	3	35	1084.50378	0.00026
34	8	27	←	35	7	28	1084.53483	-0.00027
39	0	39	←	40	1	40	1084.55655	-0.00009
39	1	39	←	40	0	40	1084.55655	-0.00009
36	4	32	←	37	5	33	1084.56540	0.00013
36	5	32	←	37	4	33	1084.56540	0.00007
30	7	23	←	31	8	24	1084.58726	0.00054
14	12	2	←	15	13	3	1084.61504	-0.00027
34	6	28	←	35	7	29	1084.62381	-0.00035
34	6	28	←	35	7	29	1084.62381	-0.00035
38	2	37	←	39	1	38	1084.63692	0.00016
38	1	37	←	39	2	38	1084.63692	0.00016
20	8	12	←	21	9	13	1084.64838	0.00028
25	22	3	←	25	23	2	1084.70163	0.00079
37	2	35	←	38	3	36	1084.71187	0.00024
37	3	35	←	38	2	36	1084.71187	0.00024
15	11	4	←	16	12	5	1084.76335	-0.00016
36	3	33	←	37	4	34	1084.78032	0.00025
36	4	33	←	37	3	34	1084.78032	0.00025

38	1	38	←	39	0	39	1084.83683	-0.00013
38	0	38	←	39	1	39	1084.83683	-0.00013
35	5	31	←	36	4	32	1084.83999	-0.00001
35	4	31	←	36	5	32	1084.83999	0.00010
37	2	36	←	38	1	37	1084.91581	0.00009
37	1	36	←	38	2	37	1084.91581	0.00009
16	10	6	←	17	11	7	1084.91793	0.00025
34	9	26	←	35	8	27	1084.92694	-0.00061
36	2	34	←	37	3	35	1084.98935	0.00019
36	3	34	←	37	2	35	1084.98935	0.00019
35	4	32	←	36	3	33	1085.05615	0.00014
35	3	32	←	36	4	33	1085.05615	0.00015
17	9	8	←	18	10	9	1085.08036	-0.00007
38	11	28	←	39	10	29	1085.11130	-0.00070
34	5	30	←	35	4	31	1085.11386	-0.00016
34	4	30	←	35	5	31	1085.11386	0.00005
37	1	37	←	38	0	38	1085.11667	-0.00004
37	0	37	←	38	1	38	1085.11667	-0.00004
23	21	3	←	23	22	2	1085.14502	-0.00020
33	5	28	←	34	6	29	1085.15488	-0.00007
33	6	28	←	34	5	29	1085.16143	0.00037
36	1	35	←	37	2	36	1085.19418	0.00008
36	2	35	←	37	1	36	1085.19418	0.00008
32	7	26	←	33	6	27	1085.23249	-0.00023
35	3	33	←	36	2	34	1085.26616	0.00007
35	2	33	←	36	3	34	1085.26616	0.00007
43	0	43	←	43	1	42	1085.29592	-0.00012
43	1	43	←	43	2	42	1085.29592	-0.00012
34	4	31	←	35	3	32	1085.33138	0.00005
34	3	31	←	35	4	32	1085.33138	0.00006
31	6	25	←	32	7	26	1085.34279	0.00008
33	4	29	←	34	5	30	1085.38691	-0.00008
36	1	36	←	37	0	37	1085.39583	-0.00005
36	0	36	←	37	1	37	1085.39583	-0.00005
32	5	27	←	33	6	28	1085.42232	-0.00020
32	6	27	←	33	5	28	1085.43378	0.00023
32	6	27	←	33	5	28	1085.43378	0.00023
35	1	34	←	36	2	35	1085.47203	0.00014
35	2	34	←	36	1	35	1085.47203	0.00014
33	9	25	←	34	8	26	1085.51075	-0.00090
31	7	25	←	32	6	26	1085.53287	-0.00012
31	7	25	←	32	6	26	1085.53287	-0.00012
25	20	6	←	25	21	5	1085.53976	-0.00011

34	2	32	←	35	3	33	1085.54263	0.00019
34	3	32	←	35	2	33	1085.54263	0.00019
30	6	24	←	31	7	25	1085.54437	0.00023
42	0	42	←	42	1	41	1085.54905	-0.00016
42	1	42	←	42	2	41	1085.54905	-0.00016
23	20	3	←	23	21	2	1085.56667	0.00007
33	3	30	←	34	4	31	1085.60612	0.00011
33	4	30	←	34	3	31	1085.60612	0.00009
32	5	28	←	33	4	29	1085.65968	-0.00043
32	4	28	←	33	5	29	1085.65968	0.00032
35	0	35	←	36	1	36	1085.67423	-0.00024
35	1	35	←	36	0	36	1085.67423	-0.00024
31	5	26	←	32	6	27	1085.68686	-0.00027
31	6	26	←	32	5	27	1085.70672	-0.00010
12	11	1	←	13	12	2	1085.70897	-0.00001
29	6	23	←	30	7	24	1085.71416	0.00038
34	2	33	←	35	1	34	1085.74920	0.00009
34	1	33	←	35	2	34	1085.74920	0.00009
39	19	20	←	39	20	19	1085.78825	-0.00023
33	3	31	←	34	2	32	1085.81848	0.00029
33	2	31	←	34	3	32	1085.81848	0.00029
30	7	24	←	31	6	25	1085.85217	-0.00005
13	10	3	←	14	11	4	1085.86315	-0.00021
32	4	29	←	33	3	30	1085.88009	-0.00001
32	3	29	←	33	4	30	1085.88009	0.00002
30	5	25	←	31	6	26	1085.94753	0.00016
34	0	34	←	35	1	35	1085.95231	-0.00018
34	1	34	←	35	0	35	1085.95231	-0.00018
25	19	6	←	25	20	5	1085.96759	-0.00028
23	6	17	←	24	7	18	1085.97807	0.00052
30	6	25	←	31	5	26	1085.98195	-0.00009
33	1	32	←	34	2	33	1086.02596	0.00021
33	2	32	←	34	1	33	1086.02596	0.00021
21	6	15	←	22	7	16	1086.03391	0.00013
40	0	40	←	40	1	39	1086.05412	0.00024
40	1	40	←	40	2	39	1086.05412	0.00024
32	3	30	←	33	2	31	1086.09349	0.00014
32	2	30	←	33	3	31	1086.09349	0.00014
31	4	28	←	32	3	29	1086.15357	0.00002
31	3	28	←	32	4	29	1086.15357	0.00009
30	4	26	←	31	5	27	1086.20124	-0.00002
30	5	26	←	31	4	27	1086.20359	-0.00031
33	1	33	←	34	0	34	1086.22981	-0.00012

33	0	33	←	34	1	34	1086.22981	-0.00012
38	18	20	←	38	19	19	1086.25423	-0.00021
19	6	13	←	20	7	14	1086.25996	0.00026
32	1	31	←	33	2	32	1086.30186	0.00006
32	2	31	←	33	1	32	1086.30186	0.00006
42	2	40	←	42	3	39	1086.31615	-0.00001
42	3	40	←	42	4	39	1086.31615	-0.00001
31	18	13	←	31	19	12	1086.32844	0.00023
30	18	12	←	30	19	11	1086.34025	0.00001
34	10	25	←	35	9	26	1086.35973	-0.00085
31	3	29	←	32	2	30	1086.36793	0.00002
31	2	29	←	32	3	30	1086.36793	0.00002
25	18	7	←	25	19	6	1086.40121	-0.00058
30	4	27	←	31	3	28	1086.42634	-0.00004
28	5	23	←	29	6	24	1086.44475	0.00033
43	4	40	←	43	5	39	1086.46434	-0.00025
43	3	40	←	43	4	39	1086.46434	-0.00025
29	4	25	←	30	5	26	1086.47058	0.00024
32	1	32	←	33	0	33	1086.50670	-0.00010
32	0	32	←	33	1	33	1086.50670	-0.00010
31	1	30	←	32	2	31	1086.57721	-0.00006
31	2	30	←	32	1	31	1086.57721	-0.00006
28	7	22	←	29	6	23	1086.58527	-0.00014
30	3	28	←	31	2	29	1086.64197	0.00009
30	2	28	←	31	3	29	1086.64197	0.00010
27	5	22	←	28	6	23	1086.67305	0.00028
39	2	38	←	39	3	37	1086.68283	0.00011
39	1	38	←	39	2	37	1086.68283	0.00011
29	4	26	←	30	3	27	1086.69837	-0.00021
29	3	26	←	30	4	27	1086.69837	0.00006
40	17	23	←	40	18	22	1086.71421	0.00030
42	3	39	←	42	4	38	1086.71810	-0.00004
42	4	39	←	42	5	38	1086.71810	-0.00004
38	17	21	←	38	18	20	1086.72117	0.00005
28	4	24	←	29	5	25	1086.73769	0.00007
28	5	24	←	29	4	25	1086.74667	0.00007
31	0	31	←	32	1	32	1086.78295	-0.00013
31	1	31	←	32	0	32	1086.78295	-0.00013
30	17	13	←	30	18	12	1086.78639	-0.00030
29	8	22	←	30	7	23	1086.79591	-0.00078
10	10	0	←	11	11	1	1086.80488	-0.00019
40	3	38	←	40	4	37	1086.82011	-0.00036
40	2	38	←	40	3	37	1086.82011	-0.00036

25	17	9	←	25	18	8	1086.84149	-0.00040
27	6	22	←	28	5	23	1086.84385	-0.00047
30	1	29	←	31	2	30	1086.85219	0.00003
30	2	29	←	31	1	30	1086.85219	0.00003
31	9	23	←	32	8	24	1086.85590	-0.00044
43	5	39	←	43	6	38	1086.88189	-0.00045
43	4	39	←	43	5	38	1086.88189	-0.00046
21	17	4	←	21	18	3	1086.88631	-0.00040
20	17	3	←	20	18	2	1086.89705	-0.00051
29	3	27	←	30	2	28	1086.91519	-0.00005
29	2	27	←	30	3	28	1086.91519	-0.00004
38	1	37	←	38	2	36	1086.93346	0.00006
38	2	37	←	38	3	36	1086.93346	0.00006
28	4	25	←	29	3	26	1086.96991	-0.00026
41	4	38	←	41	5	37	1086.97159	0.00029
41	3	38	←	41	4	37	1086.97159	0.00029
27	4	23	←	28	5	24	1087.00263	0.00030
27	4	23	←	28	5	24	1087.00263	0.00030
27	5	23	←	28	4	24	1087.01833	-0.00028
27	7	21	←	28	6	22	1087.02040	-0.00033
30	1	30	←	31	0	31	1087.05868	-0.00011
30	0	30	←	31	1	31	1087.05868	-0.00011
44	5	39	←	44	6	38	1087.06362	-0.00037
44	6	39	←	44	7	38	1087.06362	-0.00032
39	3	37	←	39	4	36	1087.07208	0.00017
39	2	37	←	39	3	36	1087.07208	0.00017
29	1	28	←	30	2	29	1087.12625	-0.00021
29	2	28	←	30	1	29	1087.12625	-0.00021
42	4	38	←	42	5	37	1087.13759	0.00010
42	5	38	←	42	6	37	1087.13759	0.00011
37	1	36	←	37	2	35	1087.18354	0.00000
37	2	36	←	37	3	35	1087.18354	0.00000
28	2	26	←	29	3	27	1087.18813	0.00015
28	3	26	←	29	2	27	1087.18813	0.00013
24	5	19	←	25	6	20	1087.19773	0.00018
38	16	22	←	38	17	21	1087.20221	0.00002
49	8	41	←	49	9	40	1087.21179	-0.00028
40	3	37	←	40	4	36	1087.22380	-0.00030
40	4	37	←	40	5	36	1087.22380	-0.00029
26	4	22	←	27	5	23	1087.26302	-0.00018
27	16	11	←	27	17	10	1087.26841	-0.00030
26	5	22	←	27	4	23	1087.29192	-0.00037
13	7	6	←	14	8	7	1087.30647	-0.00014

22	16	6	←	22	17	5	1087.31881	-0.00057
43	5	38	←	43	6	37	1087.32227	0.00013
43	6	38	←	43	7	37	1087.32227	0.00023
29	0	29	←	30	1	30	1087.33382	-0.00011
29	1	29	←	30	0	30	1087.33382	-0.00011
19	16	3	←	19	17	2	1087.34951	-0.00038
17	16	1	←	17	17	0	1087.36895	-0.00038
41	5	37	←	41	6	36	1087.39244	0.00002
41	4	37	←	41	5	36	1087.39244	0.00000
28	1	27	←	29	2	28	1087.40018	0.00000
28	2	27	←	29	1	28	1087.40018	0.00000
28	8	21	←	29	7	22	1087.42155	-0.00010
36	1	35	←	36	2	34	1087.43348	0.00031
36	2	35	←	36	3	34	1087.43348	0.00031
27	2	25	←	28	3	26	1087.46003	-0.00009
27	3	25	←	28	2	26	1087.46003	-0.00013
52	16	37	←	52	17	36	1087.46635	0.00032
39	4	36	←	39	5	35	1087.47668	0.00014
39	3	36	←	39	4	35	1087.47668	0.00014
25	6	20	←	26	5	21	1087.50113	0.00006
26	3	23	←	27	4	24	1087.50939	-0.00039
26	4	23	←	27	3	24	1087.51136	-0.00036
25	4	21	←	26	5	22	1087.51835	0.00015
34	0	34	←	34	1	33	1087.55428	-0.00013
34	1	34	←	34	2	33	1087.55428	-0.00013
37	3	35	←	37	4	34	1087.57382	0.00041
37	2	35	←	37	3	34	1087.57382	0.00041
42	5	37	←	42	6	36	1087.58057	0.00016
17	5	12	←	18	6	13	1087.60301	0.00015
28	1	28	←	29	0	29	1087.60843	-0.00005
28	0	28	←	29	1	29	1087.60843	-0.00005
27	1	26	←	28	2	27	1087.67333	0.00001
27	2	26	←	28	1	27	1087.67333	0.00001
26	2	24	←	27	3	25	1087.73148	-0.00015
26	3	24	←	27	2	25	1087.73148	-0.00023
24	15	9	←	24	16	8	1087.75061	-0.00053
45	8	38	←	45	9	37	1087.76362	0.00007
45	7	38	←	45	8	37	1087.76847	0.00002
25	3	22	←	26	4	23	1087.77830	0.00007
25	4	22	←	26	3	23	1087.78198	0.00008
43	7	37	←	43	8	36	1087.79182	-0.00009
44	15	30	←	44	16	29	1087.79402	0.00022
33	1	33	←	33	2	32	1087.80271	0.00017

33	0	33	←	33	1	32	1087.80271	0.00017
17	15	2	←	17	16	1	1087.81542	-0.00021
16	15	1	←	16	16	0	1087.82420	-0.00030
16	15	2	←	16	16	1	1087.82420	-0.00030
41	6	36	←	41	7	35	1087.83853	-0.00001
24	5	20	←	25	4	21	1087.85246	-0.00021
24	6	19	←	25	5	20	1087.87899	-0.00012
27	1	27	←	28	0	28	1087.88240	-0.00005
27	0	27	←	28	1	28	1087.88240	-0.00005
39	4	35	←	39	5	34	1087.90205	0.00009
39	5	35	←	39	6	34	1087.90205	0.00017
34	1	33	←	34	2	32	1087.93097	0.00010
34	2	33	←	34	3	32	1087.93097	0.00010
26	1	25	←	27	2	26	1087.94583	-0.00004
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37	4	34	←	37	5	33	1087.98063	0.00014
37	3	34	←	37	4	33	1087.98063	0.00012
23	4	19	←	24	5	20	1087.99648	-0.00010
25	2	23	←	26	3	24	1088.00245	-0.00005
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24	3	21	←	25	4	22	1088.04484	-0.00032
32	0	32	←	32	1	31	1088.05016	0.00004
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24	4	21	←	25	3	22	1088.05179	-0.00023
42	7	36	←	42	8	35	1088.05499	-0.00030
42	6	36	←	42	7	35	1088.05763	-0.00017
40	6	35	←	40	7	34	1088.09709	0.00001
12	6	6	←	13	7	7	1088.11500	0.00035
23	5	19	←	24	4	20	1088.14655	0.00022
26	1	26	←	27	0	27	1088.15588	0.00003
26	0	26	←	27	1	27	1088.15588	0.00003
33	1	32	←	33	2	31	1088.17900	0.00005
33	2	32	←	33	3	31	1088.17900	0.00005
25	14	12	←	25	15	11	1088.20402	-0.00013
22	4	18	←	23	5	19	1088.20952	0.00021
25	2	24	←	26	1	25	1088.21783	0.00000
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38	14	25	←	38	15	24	1088.22607	0.00007
36	3	33	←	36	4	32	1088.23243	0.00034
36	4	33	←	36	5	32	1088.23243	0.00037
20	14	6	←	20	15	5	1088.24210	-0.00034
24	2	22	←	25	3	23	1088.27274	0.00004
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16	14	3	←	16	15	2	1088.27584	-0.00005
23	6	18	←	24	5	19	1088.30269	-0.00052
23	3	20	←	24	4	21	1088.30980	-0.00014
43	7	36	←	43	8	35	1088.31679	0.00001
41	7	35	←	41	8	34	1088.31901	-0.00022
23	4	20	←	24	3	21	1088.32251	-0.00009
34	2	32	←	34	3	31	1088.32269	0.00026
34	3	32	←	34	4	31	1088.32269	0.00027
42	14	28	←	42	15	27	1088.33574	0.00031
39	6	34	←	39	7	33	1088.35610	0.00019
37	4	33	←	37	5	32	1088.41148	0.00004
37	5	33	←	37	6	32	1088.41148	0.00033
25	1	25	←	26	0	26	1088.42864	-0.00003
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47	9	38	←	47	10	37	1088.43569	-0.00004
35	4	32	←	35	5	31	1088.48366	0.00024
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24	1	23	←	25	2	24	1088.48912	-0.00008
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45	14	31	←	45	15	30	1088.51584	0.00012
23	3	21	←	24	2	22	1088.54252	-0.00032
23	2	21	←	24	3	22	1088.54252	0.00033
20	4	16	←	21	5	17	1088.54954	0.00032
22	3	19	←	23	4	20	1088.57150	0.00001
33	2	31	←	33	3	30	1088.57150	0.00019
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44	9	36	←	44	10	35	1088.57772	0.00018
40	7	34	←	40	8	33	1088.58402	0.00030
40	6	34	←	40	7	33	1088.59148	-0.00006
22	4	19	←	23	3	20	1088.59429	-0.00024
42	7	35	←	42	8	34	1088.59686	0.00000
38	6	33	←	38	7	32	1088.61494	-0.00017
44	8	36	←	44	9	35	1088.64831	-0.00007
36	4	32	←	36	5	31	1088.66648	0.00007
19	4	15	←	20	5	16	1088.66919	0.00048
31	1	30	←	31	2	29	1088.67360	-0.00004
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24	13	12	←	24	14	11	1088.67948	0.00000
24	1	24	←	25	0	25	1088.70086	-0.00005
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35	13	22	←	35	14	21	1088.71945	0.00008
34	3	31	←	34	4	30	1088.73505	0.00034
34	4	31	←	34	5	30	1088.73505	0.00045

23	2	22	←	24	1	23	1088.75992	-0.00007
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37	13	24	←	37	14	23	1088.76495	0.00043
46	9	37	←	46	10	36	1088.77330	-0.00019
38	13	26	←	38	14	25	1088.78303	-0.00011
21	5	17	←	22	4	18	1088.79044	-0.00049
22	2	20	←	23	3	21	1088.81052	-0.00034
32	3	30	←	32	4	29	1088.81987	0.00005
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21	3	18	←	22	4	19	1088.82818	0.00013
41	8	34	←	41	9	33	1088.84202	0.00035
39	7	33	←	39	8	32	1088.84860	-0.00002
21	4	18	←	22	3	19	1088.86942	0.00009
37	6	32	←	37	7	31	1088.87462	-0.00007
37	5	32	←	37	6	31	1088.87859	-0.00005
41	7	34	←	41	8	33	1088.88342	0.00027
16	4	12	←	17	5	13	1088.89373	0.00059
35	5	31	←	35	6	30	1088.92091	0.00020
43	8	35	←	43	9	34	1088.96224	-0.00004
23	0	23	←	24	1	24	1088.97262	0.00005
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48	10	38	←	48	11	37	1089.01167	0.00009
22	2	21	←	23	1	22	1089.03016	-0.00003
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42	13	29	←	42	14	28	1089.04091	0.00030
14	4	10	←	15	5	11	1089.06077	0.00053
31	2	29	←	31	3	28	1089.06790	-0.00015
31	3	29	←	31	4	28	1089.06790	-0.00011
20	3	17	←	21	4	18	1089.07658	-0.00031
21	2	19	←	22	3	20	1089.07847	-0.00011
21	3	19	←	22	2	20	1089.08084	-0.00021
45	9	36	←	45	10	35	1089.13415	0.00008
20	5	16	←	21	4	17	1089.15864	-0.00044
29	2	28	←	29	3	27	1089.16681	0.00040
29	1	28	←	29	2	27	1089.16681	0.00039
29	12	18	←	29	13	17	1089.17177	0.00006
34	5	30	←	34	6	29	1089.17559	-0.00016
7	7	0	←	8	8	1	1089.17803	0.00036
19	12	8	←	19	13	7	1089.17803	0.00044
34	4	30	←	34	5	29	1089.17803	0.00041
40	7	33	←	40	8	32	1089.17803	-0.00019

13	4	9	←	14	5	10	1089.18676	0.00021
32	4	29	←	32	5	28	1089.23648	-0.00015
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21	2	20	←	22	1	21	1089.29978	-0.00003
21	1	20	←	22	2	21	1089.29978	0.00006
21	6	16	←	22	5	17	1089.30574	-0.00069
30	2	28	←	30	3	27	1089.31590	-0.00008
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36	12	24	←	36	13	23	1089.33775	0.00056
20	2	18	←	21	3	19	1089.34489	-0.00016
20	3	18	←	21	2	19	1089.34948	-0.00030
39	8	32	←	39	9	31	1089.37553	-0.00011
37	7	31	←	37	8	30	1089.37820	0.00005
50	11	39	←	50	12	38	1089.38691	0.00009
37	12	25	←	37	13	24	1089.39488	0.00019
35	6	30	←	35	7	29	1089.39488	0.00007
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28	2	27	←	28	3	26	1089.41199	-0.00013
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37	6	31	←	37	7	30	1089.41715	-0.00009
33	5	29	←	33	6	28	1089.43106	0.00006
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19	4	16	←	20	3	17	1089.43846	-0.00023
39	7	32	←	39	8	31	1089.48525	-0.00035
31	3	28	←	31	4	27	1089.48818	-0.00020
21	1	21	←	22	0	22	1089.51419	0.00004
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44	9	35	←	44	10	34	1089.52190	0.00039
26	1	26	←	26	2	25	1089.52413	0.00007
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18	3	15	←	19	4	16	1089.53367	-0.00016
29	3	27	←	29	4	26	1089.56327	-0.00025
29	2	27	←	29	3	26	1089.56327	-0.00041
20	2	19	←	21	1	20	1089.56878	-0.00006
20	1	19	←	21	2	20	1089.56878	0.00010
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40	9	32	←	40	10	31	1089.62199	-0.00025
38	8	31	←	38	9	30	1089.63616	-0.00017
36	13	24	←	37	12	25	1089.64008	-0.00031
20	11	9	←	20	12	8	1089.64974	0.00020
19	11	8	←	19	12	7	1089.65256	0.00003
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34	6	29	←	34	7	28	1089.65492	0.00002
27	1	26	←	27	2	25	1089.65729	-0.00012
27	2	26	←	27	3	25	1089.65729	-0.00009
16	11	5	←	16	12	4	1089.66645	0.00052
15	11	4	←	15	12	3	1089.67123	-0.00013
34	5	29	←	34	6	28	1089.67606	-0.00008
13	11	3	←	13	12	2	1089.68341	0.00054
32	5	28	←	32	6	27	1089.68683	0.00041
32	4	28	←	32	5	27	1089.69226	-0.00025
29	11	18	←	29	12	17	1089.70123	0.00006
36	6	30	←	36	7	29	1089.70600	0.00006
27	9	19	←	28	8	20	1089.72580	-0.00069
17	3	14	←	18	4	15	1089.73083	0.00033
30	4	27	←	30	5	26	1089.73864	0.00011
20	1	20	←	21	0	21	1089.78406	-0.00001
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28	3	26	←	28	4	25	1089.81048	-0.00044
34	11	24	←	34	12	23	1089.82263	0.00020
19	1	18	←	20	2	19	1089.83699	0.00001
35	11	25	←	35	12	24	1089.85167	0.00000
39	9	31	←	39	10	30	1089.85528	0.00011
18	2	16	←	19	3	17	1089.87191	-0.00009
36	11	26	←	36	12	25	1089.87763	0.00006
18	3	16	←	19	2	17	1089.88874	0.00007
26	1	25	←	26	2	24	1089.90190	-0.00038
26	2	25	←	26	3	24	1089.90190	-0.00033
33	6	28	←	33	7	27	1089.91414	-0.00015
40	10	31	←	40	11	30	1089.93956	-0.00012
31	5	27	←	31	6	26	1089.94187	0.00000
33	5	28	←	33	6	27	1089.95053	0.00009
31	4	27	←	31	5	26	1089.95250	-0.00019
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35	11	24	←	35	12	23	1089.98954	0.00023
29	4	26	←	29	5	25	1089.98954	0.00003
29	3	26	←	29	4	25	1089.99197	-0.00032
35	6	29	←	35	7	28	1090.00636	0.00004
18	5	14	←	19	4	15	1090.02585	-0.00025
40	8	32	←	40	9	31	1090.02585	0.00021
19	0	19	←	20	1	20	1090.05347	0.00007
19	1	19	←	20	0	20	1090.05347	0.00006
27	3	25	←	27	4	24	1090.05826	0.00014
38	9	30	←	38	10	29	1090.06855	-0.00012
18	1	17	←	19	2	18	1090.10485	0.00027

36	8	29	←	36	9	28	1090.13123	0.00046
19	10	9	←	19	11	8	1090.13742	0.00019
19	10	10	←	19	11	9	1090.13742	0.00020
25	2	24	←	25	3	23	1090.14648	-0.00021
25	1	24	←	25	2	23	1090.14648	-0.00031
13	10	3	←	13	11	2	1090.15590	0.00022
34	7	28	←	34	8	27	1090.15590	-0.00020
17	3	15	←	18	2	16	1090.16088	0.00008
12	10	3	←	12	11	2	1090.16093	0.00031
25	10	16	←	25	11	15	1090.17188	0.00022
32	6	27	←	32	7	26	1090.17188	-0.00011
30	5	26	←	30	6	25	1090.19656	-0.00047
30	4	26	←	30	5	25	1090.21565	-0.00031
32	5	27	←	32	6	26	1090.23225	-0.00014
28	4	25	←	28	5	24	1090.24048	0.00001
23	0	23	←	23	1	22	1090.25385	0.00004
23	1	23	←	23	2	22	1090.25385	0.00005
37	9	29	←	37	10	28	1090.25872	0.00013
13	3	10	←	14	4	11	1090.26085	0.00059
18	0	18	←	19	1	19	1090.32221	0.00005
18	1	18	←	19	0	19	1090.32221	0.00004
34	6	28	←	34	7	27	1090.32221	-0.00035
33	10	24	←	33	11	23	1090.34747	-0.00004
35	8	28	←	35	9	27	1090.35680	-0.00007
12	3	9	←	13	4	10	1090.36446	0.00022
17	1	16	←	18	2	17	1090.37103	-0.00036
16	2	14	←	17	3	15	1090.38216	-0.00006
24	1	23	←	24	2	22	1090.39083	-0.00014
24	2	23	←	24	3	22	1090.39083	0.00006
33	7	27	←	33	8	26	1090.40271	-0.00016
16	4	13	←	17	3	14	1090.42374	-0.00037
31	6	26	←	31	7	25	1090.42637	-0.00010
39	8	31	←	39	9	30	1090.42948	-0.00005
16	3	14	←	17	2	15	1090.43707	-0.00011
29	5	25	←	29	6	24	1090.45117	-0.00013
6	5	1	←	7	6	2	1090.47204	0.00056
11	3	8	←	12	4	9	1090.48056	0.00037
29	4	25	←	29	5	24	1090.48366	-0.00024
27	4	24	←	27	5	23	1090.49089	-0.00036
22	0	22	←	22	1	21	1090.49613	0.00010
22	1	22	←	22	2	21	1090.49613	0.00012
28	10	19	←	29	9	20	1090.50910	-0.00055
31	5	26	←	31	6	25	1090.52513	-0.00014

25	3	23	←	25	4	22	1090.55195	-0.00006
25	2	23	←	25	3	22	1090.55422	0.00007
34	8	27	←	34	9	26	1090.56310	-0.00016
17	0	17	←	18	1	18	1090.59046	0.00014
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23	2	22	←	23	3	21	1090.63438	-0.00012
16	1	15	←	17	2	16	1090.63752	0.00028
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34	9	26	←	34	10	25	1090.65806	-0.00008
30	6	25	←	30	7	24	1090.67566	0.00014
28	5	24	←	28	6	23	1090.70388	0.00020
15	3	13	←	16	2	14	1090.72097	-0.00010
25	9	16	←	25	10	15	1090.73816	0.00046
33	8	26	←	33	9	25	1090.74570	-0.00020
26	3	23	←	26	4	22	1090.75756	-0.00025
28	4	24	←	28	5	23	1090.75897	0.00023
32	9	24	←	32	10	23	1090.77936	0.00043
9	3	6	←	10	4	7	1090.78783	-0.00005
24	3	22	←	24	4	21	1090.79875	0.00010
34	10	24	←	34	11	23	1090.80838	0.00018
15	4	12	←	16	3	13	1090.81699	-0.00033
30	5	25	←	30	6	24	1090.83291	-0.00012
14	2	12	←	15	3	13	1090.85302	0.00026
16	1	16	←	17	0	17	1090.85791	-0.00004
16	0	16	←	17	1	17	1090.85791	0.00001
22	2	21	←	22	3	20	1090.87815	0.00027
35	14	22	←	36	13	23	1090.88690	-0.00025
40	11	29	←	40	12	28	1090.88953	0.00046
15	1	14	←	16	2	15	1090.90152	-0.00028
32	8	25	←	32	9	24	1090.90152	-0.00001
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29	6	24	←	29	7	23	1090.91640	0.00017
35	7	28	←	35	8	27	1090.91640	0.00014
25	9	17	←	26	8	18	1090.94415	-0.00057
20	0	20	←	20	1	19	1090.97916	0.00013
20	1	20	←	20	2	19	1090.97916	0.00023
25	4	22	←	25	5	21	1090.99053	-0.00023
8	3	5	←	9	4	6	1090.99314	0.00010
14	3	12	←	15	2	13	1091.01718	-0.00006
32	6	26	←	32	7	25	1091.01771	-0.00002
29	9	20	←	29	10	19	1091.03825	0.00003
23	2	21	←	23	3	20	1091.05198	-0.00024
30	7	24	←	30	8	23	1091.05661	-0.00017

13	2	11	←	14	3	12	1091.06181	0.00012
15	0	15	←	16	1	16	1091.12495	0.00008
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30	8	23	←	30	9	22	1091.12495	-0.00011
17	8	9	←	17	9	8	1091.13214	-0.00007
28	6	23	←	28	7	22	1091.14519	0.00018
29	5	24	←	29	6	23	1091.15941	-0.00015
14	1	13	←	15	2	14	1091.16454	0.00003
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21	8	14	←	21	9	13	1091.17989	0.00010
26	5	22	←	26	6	21	1091.19563	-0.00035
20	7	14	←	21	6	15	1091.22037	-0.00054
29	7	23	←	29	8	22	1091.23243	0.00004
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12	2	10	←	13	3	11	1091.24766	-0.00014
23	8	15	←	23	9	14	1091.27923	0.00003
24	3	21	←	24	4	20	1091.28656	0.00001
22	2	20	←	22	3	19	1091.30349	-0.00025
13	3	11	←	14	2	12	1091.33164	-0.00040
26	4	22	←	26	5	21	1091.34199	-0.00012
27	6	22	←	27	7	21	1091.35752	-0.00032
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22	8	15	←	23	7	16	1091.37600	-0.00032
14	1	14	←	15	0	15	1091.39166	0.00019
11	2	9	←	12	3	10	1091.41180	0.00010
13	1	12	←	14	2	13	1091.42426	-0.00011
25	5	21	←	25	6	20	1091.43057	-0.00020
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18	0	18	←	18	1	17	1091.46015	-0.00016
18	1	18	←	18	2	17	1091.46015	0.00027
23	4	20	←	23	5	19	1091.48137	-0.00014
28	5	23	←	28	6	22	1091.50671	0.00005
21	3	19	←	21	4	18	1091.53460	-0.00027
26	6	21	←	26	7	20	1091.55054	-0.00002
21	2	19	←	21	3	18	1091.55868	0.00029
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23	3	20	←	23	4	19	1091.56260	-0.00018
19	1	18	←	19	2	17	1091.61094	0.00003
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24	5	20	←	24	6	19	1091.65335	-0.00009
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23	5	19	←	23	6	18	1091.85970	-0.00030
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11	1	10	←	12	2	11	1091.92809	0.00009
16	1	16	←	16	2	15	1091.93889	0.00012
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21	4	18	←	21	5	17	1091.94853	0.00005
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19	3	17	←	19	4	16	1092.01542	-0.00012
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36	9	27	←	36	10	26	1092.09274	0.00017
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25	7	18	←	25	8	17	1092.43111	0.00030
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11	4	8	←	12	3	9	1092.72704	-0.00041
21	6	15	←	21	7	14	1092.76947	0.00032
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14	1	13	←	14	2	12	1092.87985	-0.00018
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13	1	12	←	13	2	11	1093.15654	-0.00005
13	3	11	←	13	4	10	1093.20782	-0.00018
12	2	11	←	12	3	10	1093.21474	0.00026
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26	16	11	←	27	15	12	1095.53434	0.00003
15	10	6	←	16	9	7	1095.59534	-0.00009
11	8	4	←	12	7	5	1095.74642	-0.00019
14	10	5	←	15	9	6	1095.92839	0.00001
9	4	5	←	8	5	4	1095.94122	0.00008
21	14	8	←	22	13	9	1095.99654	-0.00003
5	2	3	←	5	1	4	1096.08599	-0.00035
4	2	2	←	4	1	3	1096.08920	0.00003
3	0	3	←	2	1	2	1096.12005	0.00033
6	2	4	←	6	1	5	1096.12511	0.00022
8	3	5	←	7	4	4	1096.24700	0.00000
31	17	14	←	30	18	13	1096.31911	-0.00007
6	1	5	←	6	0	6	1096.38482	0.00017
8	3	5	←	8	2	6	1096.42513	-0.00002
10	3	7	←	10	2	8	1096.44565	0.00031
7	7	1	←	8	6	2	1096.47027	-0.00015
7	3	4	←	7	2	5	1096.48116	0.00010

25	17	9	←	26	16	10	1096.50288	0.00038
11	3	8	←	11	2	9	1096.54418	-0.00003
9	2	7	←	9	1	8	1096.55937	0.00043
12	10	3	←	13	9	4	1096.58403	-0.00004
9	3	6	←	8	4	5	1096.66909	-0.00015
11	4	7	←	10	5	6	1096.69306	0.00010
13	4	9	←	13	3	10	1096.70419	-0.00003
6	2	5	←	6	1	6	1096.72460	-0.00020
12	4	8	←	12	3	9	1096.72770	-0.00015
3	3	0	←	3	2	1	1096.73593	0.00004
5	0	5	←	4	1	4	1096.74534	-0.00027
15	12	4	←	16	11	5	1096.78351	0.00002
10	2	8	←	10	1	9	1096.80311	0.00027
6	1	5	←	5	2	4	1096.85040	-0.00026
15	4	11	←	15	3	12	1096.85740	0.00003
8	1	7	←	8	0	8	1096.89373	0.00046
7	3	5	←	7	2	6	1096.91207	0.00022
13	3	10	←	13	2	11	1096.93124	0.00017
17	5	12	←	17	4	13	1096.98052	0.00024
16	5	11	←	16	4	12	1097.00559	-0.00027
8	2	6	←	7	3	5	1097.06291	0.00001
11	2	9	←	11	1	10	1097.07426	0.00021
15	5	10	←	15	4	11	1097.09133	-0.00057
32	16	16	←	31	17	15	1097.09594	-0.00003
14	5	9	←	13	6	8	1097.13459	0.00002
6	1	6	←	5	0	5	1097.13801	0.00019
21	6	15	←	21	5	16	1097.24096	0.00023
20	6	14	←	20	5	15	1097.26389	-0.00010
9	2	8	←	9	1	9	1097.26927	0.00040
7	4	4	←	7	3	5	1097.27770	-0.00030
4	4	1	←	4	3	2	1097.28997	-0.00020
7	0	7	←	6	1	6	1097.31277	-0.00004
10	4	7	←	10	3	8	1097.34599	0.00009
12	2	10	←	12	1	11	1097.35485	0.00037
19	6	13	←	19	5	14	1097.35735	-0.00052
7	1	7	←	6	0	6	1097.37096	0.00011
25	11	14	←	24	12	13	1097.38919	0.00021
15	3	12	←	15	2	13	1097.49305	-0.00015
5	2	4	←	4	1	3	1097.50977	0.00004
15	5	10	←	14	6	9	1097.56123	0.00005
8	0	8	←	7	1	7	1097.57976	-0.00001
12	3	10	←	12	2	11	1097.59359	-0.00011
23	7	16	←	23	6	17	1097.60240	-0.00067

11	3	8	←	10	4	7	1097.60500	0.00042
8	1	8	←	7	0	7	1097.61150	0.00014
13	2	11	←	13	1	12	1097.63068	0.00021
3	3	1	←	2	2	0	1097.67052	-0.00020
11	2	10	←	11	1	11	1097.69006	0.00039
16	3	13	←	16	2	14	1097.79309	0.00033
7	5	3	←	7	4	4	1097.80949	0.00020
30	8	22	←	30	7	23	1097.81755	-0.00023
6	5	1	←	6	4	2	1097.81992	0.00028
9	0	9	←	8	1	8	1097.84025	-0.00007
9	1	9	←	8	0	8	1097.85683	-0.00010
7	2	6	←	6	1	5	1097.87894	-0.00011
12	1	11	←	12	0	12	1097.88460	-0.00002
15	4	12	←	15	3	13	1097.90244	-0.00031
12	2	11	←	12	1	12	1097.90777	0.00003
9	1	8	←	8	2	7	1097.93270	0.00001
10	2	8	←	9	3	7	1097.95018	-0.00027
15	6	9	←	15	5	10	1097.97854	-0.00003
28	7	21	←	28	6	22	1097.98913	0.00034
20	7	13	←	19	8	12	1098.01642	0.00040
31	9	22	←	31	8	23	1098.04054	-0.00062
8	2	7	←	7	1	6	1098.05487	-0.00022
17	3	14	←	17	2	15	1098.08438	0.00015
14	4	10	←	13	5	9	1098.09450	0.00028
10	1	10	←	9	0	9	1098.10557	0.00017
13	1	12	←	13	0	13	1098.11527	-0.00022
15	2	13	←	15	1	14	1098.14852	0.00011
24	9	15	←	23	10	14	1098.16988	0.00041
20	4	16	←	20	3	17	1098.21437	-0.00001
9	2	8	←	8	1	7	1098.23846	-0.00007
10	1	9	←	9	2	8	1098.24521	-0.00004
17	4	14	←	17	3	15	1098.27709	-0.00033
29	7	22	←	29	6	23	1098.31041	0.00026
11	1	11	←	10	0	10	1098.35504	-0.00022
11	2	9	←	10	3	8	1098.37365	0.00043
16	3	14	←	16	2	15	1098.42557	-0.00023
18	4	15	←	18	3	16	1098.48396	-0.00015
21	4	17	←	21	3	18	1098.52010	-0.00004
11	1	10	←	10	2	9	1098.53649	-0.00008
20	5	16	←	20	4	17	1098.54658	0.00029
15	1	14	←	15	0	15	1098.56768	0.00009
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19	3	16	←	19	2	17	1098.62342	-0.00031
17	2	15	←	17	1	16	1098.62708	-0.00022
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11	2	10	←	10	1	9	1098.64977	-0.00008
28	9	19	←	28	8	20	1098.68587	-0.00079
19	4	16	←	19	3	17	1098.69852	-0.00023
21	5	17	←	21	4	18	1098.74279	-0.00038
15	7	9	←	15	6	10	1098.75983	-0.00018
12	2	10	←	11	3	9	1098.76797	0.00009
8	3	6	←	7	2	5	1098.84242	-0.00029
13	1	13	←	12	0	12	1098.85556	-0.00035
18	3	16	←	18	2	17	1098.86855	-0.00011
20	3	17	←	20	2	18	1098.87370	-0.00024
12	2	11	←	11	1	10	1098.87668	-0.00015
10	7	4	←	10	6	5	1098.88913	0.00024
25	5	20	←	25	4	21	1098.94180	0.00030
22	5	18	←	22	4	19	1098.95150	-0.00029
24	6	19	←	24	5	20	1098.99050	0.00015
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17	2	16	←	17	1	17	1099.01355	0.00011
14	3	11	←	13	4	10	1099.07521	-0.00020
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23	4	19	←	23	3	20	1099.07982	0.00012
19	2	17	←	19	1	18	1099.08478	-0.00036
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14	0	14	←	13	1	13	1099.10580	0.00037
14	1	14	←	13	0	13	1099.10580	-0.00013
13	2	12	←	12	1	11	1099.11298	-0.00026
21	4	18	←	21	3	19	1099.14039	-0.00029
20	8	13	←	20	7	14	1099.15374	-0.00019
16	4	12	←	15	5	11	1099.16397	0.00059
25	6	20	←	25	5	21	1099.18942	-0.00030
18	8	10	←	18	7	11	1099.22128	-0.00006
27	7	21	←	27	6	22	1099.23068	-0.00036
18	1	17	←	18	0	18	1099.23328	-0.00001
11	3	9	←	10	2	8	1099.26178	-0.00036
17	8	9	←	17	7	10	1099.27416	0.00013
16	8	9	←	16	7	10	1099.32075	-0.00038
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22	4	19	←	22	3	20	1099.36376	-0.00042
24	5	20	←	24	4	21	1099.39019	0.00004
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26	6	21	←	26	5	22	1099.40067	-0.00021
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27	9	19	←	27	8	20	1099.42757	-0.00054
30	8	23	←	30	7	24	1099.47024	-0.00015
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21	3	19	←	21	2	20	1099.53411	-0.00013
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27	6	22	←	27	5	23	1099.62000	-0.00008
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19	9	10	←	19	8	11	1099.81077	-0.00021
24	4	21	←	24	3	22	1099.81077	-0.00024
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17	1	17	←	16	0	16	1099.85308	0.00001
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12	9	3	←	12	8	4	1100.00037	-0.00009
29	5	24	←	29	4	25	1100.03452	0.00008
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27	4	23	←	27	3	24	1100.05539	0.00024
31	7	25	←	31	6	26	1100.05539	-0.00040
27	5	23	←	27	4	24	1100.06502	-0.00034
29	6	24	←	29	5	25	1100.07084	-0.00007
17	1	16	←	16	2	15	1100.09342	0.00010
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18	1	18	←	17	0	17	1100.10101	0.00001
18	0	18	←	17	1	17	1100.10101	0.00003
22	1	21	←	22	0	22	1100.10827	-0.00001
22	2	21	←	22	1	22	1100.10827	-0.00004
16	3	14	←	15	2	13	1100.13778	-0.00023
25	10	16	←	25	9	17	1100.14279	-0.00056
24	3	22	←	24	2	23	1100.19353	-0.00004
24	2	22	←	24	1	23	1100.19353	0.00018
24	10	15	←	24	9	16	1100.20192	0.00007
6	6	1	←	5	5	0	1100.21490	0.00043
11	4	8	←	10	3	7	1100.22303	-0.00005
36	9	28	←	36	8	29	1100.22776	0.00018
38	10	29	←	38	9	30	1100.23934	0.00008
23	10	13	←	23	9	14	1100.24928	0.00008
30	5	25	←	30	4	26	1100.27708	-0.00014
32	7	26	←	32	6	27	1100.28240	-0.00018
28	4	24	←	28	3	25	1100.28450	0.00005
28	5	24	←	28	4	25	1100.28999	-0.00015
17	2	15	←	16	3	14	1100.31173	0.00004
40	11	30	←	40	10	31	1100.32086	-0.00051
23	2	22	←	23	1	23	1100.32526	0.00001
23	1	22	←	23	0	23	1100.32526	0.00002
17	3	14	←	16	4	13	1100.33157	0.00042
18	1	17	←	17	2	16	1100.34287	0.00032
19	1	19	←	18	0	18	1100.34837	0.00001
19	0	19	←	18	1	18	1100.34837	0.00002
17	3	15	←	16	2	14	1100.36556	-0.00027
39	10	30	←	39	9	31	1100.41613	0.00006
37	9	29	←	37	8	30	1100.43669	0.00000
41	11	31	←	41	10	32	1100.44870	-0.00007
40	12	29	←	40	11	30	1100.46600	0.00004
27	3	24	←	27	2	25	1100.47465	0.00004

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29	5	25	←	29	4	26	1100.51409	0.00017
25	7	18	←	24	8	17	1100.52290	0.00044
31	6	26	←	31	5	27	1100.52596	0.00003
9	5	5	←	8	4	4	1100.54794	-0.00023
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12	10	3	←	12	9	4	1100.57646	0.00015
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34	12	22	←	34	11	23	1100.75247	-0.00002
32	6	27	←	32	5	28	1100.75247	-0.00003
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39	9	31	←	39	8	32	1100.88549	0.00022
39	13	26	←	39	12	27	1100.91195	-0.00054
22	11	12	←	22	10	13	1100.92430	-0.00004
37	8	30	←	37	7	31	1100.93866	0.00016
31	5	27	←	31	4	28	1100.95756	-0.00036
26	1	25	←	26	0	26	1100.97199	-0.00015
26	2	25	←	26	1	26	1100.97199	-0.00015
33	5	28	←	33	4	29	1100.97379	-0.00019

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19	3	16	←	18	4	15	1100.98332	0.00002
44	11	34	←	44	10	35	1100.98715	0.00019
40	13	28	←	40	12	29	1101.01640	-0.00016
40	8	32	←	40	7	33	1101.03904	0.00014
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20	2	18	←	19	3	17	1101.07802	-0.00005
21	1	20	←	20	2	19	1101.08523	-0.00026
22	0	22	←	21	1	21	1101.08667	-0.00024
22	1	22	←	21	0	21	1101.08667	-0.00024
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30	4	27	←	30	3	28	1101.13040	-0.00013
30	3	27	←	30	2	28	1101.13040	-0.00004
30	12	18	←	30	11	19	1101.14275	-0.00018
30	12	19	←	30	11	20	1101.15012	-0.00034
38	8	31	←	38	7	32	1101.17084	0.00006
32	5	28	←	32	4	29	1101.17803	-0.00006
27	2	26	←	27	1	27	1101.18651	0.00003
27	1	26	←	27	0	27	1101.18651	0.00003
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43	14	29	←	43	13	30	1101.19998	0.00034
36	7	30	←	36	6	31	1101.19998	0.00030
45	11	35	←	45	10	36	1101.20342	-0.00002
20	3	17	←	19	4	16	1101.27077	0.00004
28	12	17	←	28	11	18	1101.27369	-0.00031
29	3	27	←	29	2	28	1101.27642	0.00014
29	2	27	←	29	1	28	1101.27642	0.00015
50	13	38	←	50	12	39	1101.30222	0.00003
21	2	19	←	20	3	18	1101.32714	-0.00015
21	3	19	←	20	2	18	1101.33173	-0.00018
22	1	21	←	21	2	20	1101.33185	0.00001
22	2	21	←	21	1	20	1101.33197	0.00005
23	0	23	←	22	1	22	1101.33197	0.00005
23	1	23	←	22	0	22	1101.33197	0.00005
31	3	28	←	31	2	29	1101.34691	-0.00008
31	4	28	←	31	3	29	1101.34691	-0.00013
41	9	33	←	41	8	34	1101.35243	0.00034
39	7	32	←	39	6	33	1101.38670	-0.00004
20	4	17	←	19	3	16	1101.39343	-0.00024
33	5	29	←	33	4	30	1101.39700	-0.00007
33	4	29	←	33	3	30	1101.39700	0.00018
39	8	32	←	39	7	33	1101.40225	-0.00021

37	7	31	←	37	6	32	1101.42653	-0.00017
24	12	13	←	24	11	14	1101.46316	0.00003
13	5	9	←	12	4	8	1101.49321	-0.00014
21	4	17	←	20	5	16	1101.53623	0.00013
21	3	18	←	20	4	17	1101.54191	-0.00039
32	4	29	←	32	3	30	1101.56304	0.00039
32	3	29	←	32	2	30	1101.56304	0.00041
21	12	9	←	21	11	10	1101.56537	0.00045
49	12	38	←	49	11	39	1101.56970	-0.00005
22	2	20	←	21	3	19	1101.57510	0.00000
24	0	24	←	23	1	23	1101.57650	0.00016
24	1	24	←	23	0	23	1101.57650	0.00016
22	3	20	←	21	2	19	1101.57738	-0.00012
23	2	22	←	22	1	21	1101.57738	-0.00025
23	1	22	←	22	2	21	1101.57738	-0.00021
42	9	34	←	42	8	35	1101.58701	0.00025
21	4	18	←	20	3	17	1101.61382	0.00018
40	7	33	←	40	6	34	1101.62347	-0.00027
36	6	31	←	36	5	32	1101.64548	0.00002
38	6	32	←	38	5	33	1101.64954	-0.00003
17	12	6	←	17	11	7	1101.66189	0.00024
16	12	4	←	16	11	5	1101.68034	0.00006
45	9	36	←	45	8	37	1101.70261	0.00029
31	3	29	←	31	2	30	1101.70403	-0.00008
31	2	29	←	31	1	30	1101.70403	-0.00008
45	10	36	←	45	9	37	1101.75336	0.00003
22	3	19	←	21	4	18	1101.80351	0.00000
43	8	35	←	43	7	36	1101.80351	0.00010
25	1	25	←	24	0	24	1101.82038	0.00022
25	0	25	←	24	1	24	1101.82038	0.00022
43	9	35	←	43	8	36	1101.82043	-0.00016
24	1	23	←	23	2	22	1101.82262	-0.00013
24	2	23	←	23	1	22	1101.82262	-0.00015
35	5	31	←	35	4	32	1101.83186	0.00018
35	4	31	←	35	3	32	1101.83186	0.00025
22	4	19	←	21	3	18	1101.84387	-0.00013
41	7	34	←	41	6	35	1101.85617	-0.00020
41	8	34	←	41	7	35	1101.86184	0.00025
37	5	32	←	37	4	33	1101.86465	-0.00021
17	5	13	←	16	4	12	1101.86724	-0.00058
39	6	33	←	39	5	34	1101.87478	0.00029
22	4	18	←	21	5	17	1101.88737	-0.00028
51	11	40	←	51	10	41	1101.89717	-0.00046

48	11	38	←	48	10	39	1101.90285	-0.00040
32	2	30	←	32	1	31	1101.91713	0.00017
32	3	30	←	32	2	31	1101.91713	0.00017
19	5	15	←	18	4	14	1101.96443	-0.00034
34	3	31	←	34	2	32	1101.99141	0.00011
34	4	31	←	34	3	32	1101.99141	0.00010
51	12	40	←	51	11	41	1102.03782	-0.00019
44	8	36	←	44	7	37	1102.04296	0.00009
36	5	32	←	36	4	33	1102.04728	-0.00012
36	4	32	←	36	3	33	1102.04728	-0.00008
44	9	36	←	44	8	37	1102.05266	-0.00026
23	3	20	←	22	4	19	1102.05796	-0.00019
26	0	26	←	25	1	25	1102.06341	0.00002
26	1	26	←	25	0	25	1102.06341	0.00002
25	2	24	←	24	1	23	1102.06745	0.00012
25	1	24	←	24	2	23	1102.06745	0.00013
24	2	22	←	23	3	21	1102.06792	0.00007
24	3	22	←	23	2	21	1102.06845	-0.00003
23	4	20	←	22	3	19	1102.08090	0.00020
38	6	33	←	38	5	34	1102.08367	0.00004
38	5	33	←	38	4	34	1102.08367	0.00022
36	14	22	←	36	13	23	1102.08604	0.00001
42	8	35	←	42	7	36	1102.08874	0.00022
33	2	31	←	33	1	32	1102.12941	0.00029
33	3	31	←	33	2	32	1102.12941	0.00029
21	5	17	←	20	4	16	1102.14110	0.00005
35	14	21	←	35	13	22	1102.16127	-0.00033
23	4	19	←	22	5	18	1102.20465	0.00015
47	9	38	←	47	8	39	1102.20811	0.00023
37	4	33	←	37	3	34	1102.26234	0.00023
37	5	33	←	37	4	34	1102.26234	0.00022
22	5	18	←	21	4	17	1102.27843	-0.00039
14	13	1	←	14	12	2	1102.30113	0.00086
39	6	34	←	39	5	35	1102.30113	0.00032
39	5	34	←	39	4	35	1102.30113	0.00042
27	0	27	←	26	1	26	1102.30599	-0.00004
27	1	27	←	26	0	26	1102.30599	-0.00004
26	2	25	←	25	1	24	1102.31145	0.00015
26	1	25	←	25	2	24	1102.31145	0.00015
25	2	23	←	24	3	22	1102.31309	-0.00005
41	7	35	←	41	6	36	1102.31894	0.00027
24	4	21	←	23	3	20	1102.32086	-0.00019
24	5	19	←	23	6	18	1102.33676	0.00041

34	3	32	←	34	2	33	1102.34064	0.00005
34	2	32	←	34	1	33	1102.34064	0.00005
50	11	40	←	50	10	41	1102.38182	-0.00036
33	2	32	←	33	1	33	1102.45942	0.00018
33	1	32	←	33	0	33	1102.45942	0.00018
46	8	38	←	46	7	39	1102.50843	-0.00006
40	5	35	←	40	4	36	1102.51707	0.00031
40	6	35	←	40	5	36	1102.51707	0.00026
53	12	42	←	53	11	43	1102.52067	-0.00039
10	8	3	←	9	7	2	1102.52862	0.00059
44	8	37	←	44	7	38	1102.53675	-0.00011
28	0	28	←	27	1	27	1102.54797	-0.00011
28	1	28	←	27	0	27	1102.54797	-0.00011
27	2	26	←	26	1	25	1102.55447	-0.00022
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26	3	24	←	25	2	23	1102.55779	-0.00017
26	2	24	←	25	3	23	1102.55779	-0.00001
25	4	22	←	24	3	21	1102.56313	-0.00020
37	4	34	←	37	3	35	1102.62829	0.00005
37	3	34	←	37	2	35	1102.62829	0.00005
38	15	23	←	38	14	24	1102.63304	0.00026
24	5	20	←	23	4	19	1102.64286	-0.00013
34	1	33	←	34	0	34	1102.66918	-0.00001
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37	15	23	←	37	14	24	1102.70651	-0.00009
41	6	36	←	41	5	37	1102.73176	0.00008
41	5	36	←	41	4	37	1102.73176	0.00011
47	8	39	←	47	7	40	1102.73595	-0.00037
43	7	37	←	43	6	38	1102.75536	-0.00014
43	6	37	←	43	5	38	1102.75536	-0.00001
54	12	43	←	54	11	44	1102.76240	-0.00029
25	4	21	←	24	5	20	1102.76906	0.00000
29	0	29	←	28	1	28	1102.78943	-0.00011
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28	2	27	←	27	1	26	1102.79733	-0.00016
28	1	27	←	27	2	26	1102.79733	-0.00015
27	2	25	←	26	3	24	1102.80196	0.00011
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26	4	23	←	25	3	22	1102.80632	-0.00018
13	7	7	←	12	6	6	1102.84872	-0.00003
25	5	21	←	24	4	20	1102.85577	-0.00013
31	8	23	←	30	9	22	1102.90817	0.00072

16	6	11	←	15	5	10	1102.92902	-0.00012
42	5	37	←	42	4	38	1102.94557	0.00011
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46	7	39	←	46	6	40	1102.97779	-0.00019
30	0	30	←	29	1	29	1103.03037	-0.00003
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26	4	22	←	25	5	21	1103.03037	-0.00039
29	2	28	←	28	1	27	1103.03966	-0.00003
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28	2	26	←	27	3	25	1103.04524	-0.00008
28	3	26	←	27	2	25	1103.04524	-0.00012
27	3	24	←	26	4	23	1103.04798	-0.00007
27	4	24	←	26	3	23	1103.04984	-0.00010
27	6	21	←	26	7	20	1103.06171	0.00012
10	9	2	←	9	8	1	1103.09303	0.00043
26	5	21	←	25	6	20	1103.10154	0.00003
41	4	37	←	41	3	38	1103.11188	0.00006
41	5	37	←	41	4	38	1103.11188	0.00006
51	10	42	←	51	9	43	1103.15004	-0.00032
43	6	38	←	43	5	39	1103.15827	0.00004
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45	7	39	←	45	6	40	1103.18678	-0.00022
45	6	39	←	45	5	40	1103.18678	-0.00018
19	6	14	←	18	5	13	1103.23028	-0.00048
20	6	15	←	19	5	14	1103.25579	-0.00029
21	6	16	←	20	5	15	1103.26295	-0.00058
31	0	31	←	30	1	30	1103.27044	-0.00023
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27	4	23	←	26	5	22	1103.28490	-0.00008
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29	2	27	←	28	3	26	1103.28803	-0.00017
29	3	27	←	28	2	26	1103.28803	-0.00019
28	3	25	←	27	4	24	1103.29264	0.00034
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27	5	23	←	26	4	22	1103.31300	-0.00040
42	5	38	←	42	4	39	1103.32224	0.00015
42	4	38	←	42	3	39	1103.32224	0.00015
24	6	19	←	23	5	18	1103.33347	-0.00034
44	5	39	←	44	4	40	1103.36988	-0.00013
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25	6	20	←	24	5	19	1103.41732	-0.00012
27	5	22	←	26	6	21	1103.42361	0.00047
41	4	38	←	41	3	39	1103.46710	0.00018
41	3	38	←	41	2	39	1103.46710	0.00018
35	16	20	←	35	15	21	1103.49344	0.00037
38	1	37	←	38	0	38	1103.50291	0.00013
38	2	37	←	38	1	38	1103.50291	0.00013
32	1	32	←	31	0	31	1103.51027	-0.00007
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31	2	30	←	30	1	29	1103.52237	0.00005
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30	2	28	←	29	3	27	1103.53060	0.00010
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28	4	24	←	27	5	23	1103.53428	-0.00023
29	3	26	←	28	4	25	1103.53592	0.00009
28	5	24	←	27	4	23	1103.55024	-0.00013
45	6	40	←	45	5	41	1103.58058	-0.00025
45	5	40	←	45	4	41	1103.58058	-0.00024
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32	2	31	←	31	1	30	1103.76280	0.00006
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31	2	29	←	30	3	28	1103.77227	0.00006
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30	4	27	←	29	3	26	1103.77884	-0.00015
30	3	27	←	29	4	26	1103.77884	0.00011
29	4	25	←	28	5	24	1103.78137	0.00029
29	5	25	←	28	4	24	1103.78965	-0.00017
43	4	40	←	43	3	41	1103.88177	-0.00019
43	3	40	←	43	2	41	1103.88177	-0.00019
28	6	23	←	27	5	22	1103.88507	-0.00039
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30	4	26	←	29	5	25	1104.02587	0.00010

30	5	26	←	29	4	25	1104.03080	0.00028
37	17	20	←	37	16	21	1104.03880	0.00038
29	6	24	←	28	5	23	1104.09228	0.00024
41	1	40	←	41	0	41	1104.12129	-0.00023
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43	3	41	←	43	2	42	1104.21385	-0.00016
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34	1	33	←	33	2	32	1104.24200	0.00020
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31	4	27	←	30	5	26	1104.26911	-0.00005
31	5	27	←	30	4	26	1104.27158	-0.00014
30	6	24	←	29	7	23	1104.31360	0.00017
27	17	10	←	27	16	11	1104.44424	0.00069
36	0	36	←	35	1	35	1104.46294	-0.00015
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32	5	28	←	31	4	27	1104.51262	-0.00037
26	7	20	←	25	6	19	1104.60299	-0.00035
20	17	3	←	20	16	4	1104.60858	0.00017
28	7	22	←	27	6	21	1104.61512	-0.00036
25	7	19	←	24	6	18	1104.63402	-0.00079
31	6	25	←	30	7	24	1104.63864	0.00010
29	7	23	←	28	6	22	1104.68186	-0.00009
23	7	17	←	22	6	16	1104.68889	-0.00047
37	0	37	←	36	1	36	1104.69965	-0.00014
37	1	37	←	36	0	36	1104.69965	-0.00014
36	2	35	←	35	1	34	1104.71856	0.00010
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35	3	33	←	34	2	32	1104.73326	0.00012
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34	4	31	←	33	3	30	1104.74465	0.00022

34	3	31	←	33	4	30	1104.74465	0.00024
33	4	29	←	32	5	28	1104.75334	0.00000
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32	5	27	←	31	6	26	1104.75517	-0.00002
32	6	27	←	31	5	26	1104.77455	0.00020
30	7	24	←	29	6	23	1104.79224	-0.00016
18	8	11	←	17	7	10	1104.84444	-0.00016
14	10	5	←	13	9	4	1104.85014	0.00056
38	0	38	←	37	1	37	1104.93581	-0.00008
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31	7	25	←	30	6	24	1104.94146	0.00001
37	1	36	←	36	2	35	1104.95604	0.00014
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34	5	30	←	33	4	29	1104.99477	-0.00002
33	5	28	←	32	6	27	1105.00005	-0.00024
28	18	10	←	28	17	11	1105.03668	0.00071
32	7	26	←	31	6	25	1105.12083	0.00011
39	1	39	←	38	0	38	1105.17126	-0.00014
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38	2	37	←	37	1	36	1105.19298	0.00024
38	1	37	←	37	2	36	1105.19298	0.00024
37	3	35	←	36	2	34	1105.21025	0.00020
37	2	35	←	36	3	34	1105.21025	0.00020
36	3	33	←	35	4	32	1105.22405	0.00028
36	4	33	←	35	3	32	1105.22405	0.00027
35	5	31	←	34	4	30	1105.23522	0.00015
35	4	31	←	34	5	30	1105.23522	0.00034
34	5	29	←	33	6	28	1105.24339	0.00009
34	6	29	←	33	5	28	1105.24951	0.00029
33	7	27	←	32	6	26	1105.32167	0.00001
40	0	40	←	39	1	39	1105.40627	-0.00003
40	1	40	←	39	0	39	1105.40627	-0.00003
12	12	1	←	11	11	0	1105.41186	0.00046
14	11	4	←	13	10	3	1105.42455	-0.00021
39	2	38	←	38	1	37	1105.42918	0.00021
39	1	38	←	38	2	37	1105.42918	0.00021
38	3	36	←	37	2	35	1105.44792	0.00032
38	2	36	←	37	3	35	1105.44792	0.00032
37	4	34	←	36	3	33	1105.46288	0.00030

37	3	34	←	36	4	33	1105.46288	0.00030
34	6	28	←	33	7	27	1105.47088	0.00015
34	6	28	←	33	7	27	1105.47088	0.00015
36	5	32	←	35	4	31	1105.47499	0.00012
36	4	32	←	35	5	31	1105.47499	0.00022
35	5	30	←	34	6	29	1105.48523	0.00031
35	6	30	←	34	5	29	1105.48786	-0.00030
34	7	27	←	33	8	26	1105.52318	0.00055
34	7	28	←	33	6	27	1105.53743	0.00025
41	0	41	←	40	1	40	1105.64051	-0.00011
41	1	41	←	40	0	40	1105.64051	-0.00011
40	1	39	←	39	2	38	1105.66470	0.00009
40	2	39	←	39	1	38	1105.66470	0.00009
39	2	37	←	38	3	36	1105.68487	0.00031
39	3	37	←	38	2	36	1105.68487	0.00031
38	3	35	←	37	4	34	1105.70108	0.00029
38	4	35	←	37	3	34	1105.70108	0.00029
37	5	33	←	36	4	32	1105.71438	0.00023
37	4	33	←	36	5	32	1105.71438	0.00028
35	6	29	←	34	7	28	1105.72331	-0.00007
25	19	6	←	25	18	7	1105.73885	0.00051
35	7	29	←	34	6	28	1105.76219	0.00015
40	20	20	←	40	19	21	1105.84340	-0.00029
42	0	42	←	41	1	41	1105.87421	-0.00012
42	1	42	←	41	0	41	1105.87421	-0.00012
32	8	25	←	31	7	24	1105.88298	-0.00017
41	1	40	←	40	2	39	1105.89968	0.00003
41	2	40	←	40	1	39	1105.89968	0.00003
30	8	23	←	29	7	22	1105.91783	-0.00024
40	2	38	←	39	3	37	1105.92127	0.00036
40	3	38	←	39	2	37	1105.92127	0.00036
33	8	26	←	32	7	25	1105.93506	0.00019
39	4	36	←	38	3	35	1105.93873	0.00031
39	3	36	←	38	4	35	1105.93873	0.00032
38	4	34	←	37	5	33	1105.95325	0.00040
38	5	34	←	37	4	33	1105.95325	0.00037
36	6	30	←	35	7	29	1105.97017	-0.00026
36	7	30	←	35	6	29	1105.99291	0.00030
16	11	6	←	15	10	5	1106.01343	0.00012
34	8	27	←	33	7	26	1106.03415	-0.00040
43	1	43	←	42	0	42	1106.10734	-0.00011
43	0	43	←	42	1	42	1106.10734	-0.00011
27	8	20	←	26	7	19	1106.12005	-0.00040

42	1	41	←	41	2	40	1106.13410	0.00001
42	2	41	←	41	1	40	1106.13410	0.00001
36	7	29	←	35	8	28	1106.14650	-0.00023
41	3	39	←	40	2	38	1106.15668	0.00002
41	2	39	←	40	3	38	1106.15668	0.00002
40	3	37	←	39	4	36	1106.17568	0.00024
40	4	37	←	39	3	36	1106.17568	0.00024
39	5	35	←	38	4	34	1106.19121	0.00016
39	4	35	←	38	5	34	1106.19121	0.00017
38	5	33	←	37	6	32	1106.20499	0.00039
37	6	31	←	36	7	30	1106.21403	0.00006
37	7	31	←	36	6	30	1106.22668	0.00016
44	1	44	←	43	0	43	1106.33988	-0.00009
44	0	44	←	43	1	43	1106.33988	-0.00009
36	8	29	←	35	7	28	1106.34878	0.00024
43	2	42	←	42	1	41	1106.36760	-0.00032
43	1	42	←	42	2	41	1106.36760	-0.00032
42	3	40	←	41	2	39	1106.39171	-0.00010
42	2	40	←	41	3	39	1106.39171	-0.00010
23	20	3	←	23	19	4	1106.40708	0.00021
41	4	38	←	40	3	37	1106.41196	0.00008
41	3	38	←	40	4	37	1106.41196	0.00008
37	7	30	←	36	8	29	1106.42173	-0.00018
40	4	36	←	39	5	35	1106.42882	0.00017
40	5	36	←	39	4	35	1106.42882	0.00017
39	6	34	←	38	5	33	1106.44356	0.00010
39	5	34	←	38	6	33	1106.44356	0.00036
38	6	32	←	37	7	31	1106.45547	0.00022
38	7	32	←	37	6	31	1106.46215	-0.00013
37	8	30	←	36	7	29	1106.54478	0.00031
45	0	45	←	44	1	44	1106.57186	-0.00003
45	1	45	←	44	0	44	1106.57186	-0.00003
44	1	43	←	43	2	42	1106.60069	-0.00046
44	2	43	←	43	1	42	1106.60069	-0.00046
43	3	41	←	42	2	40	1106.62607	-0.00029
43	2	41	←	42	3	40	1106.62607	-0.00029
42	3	39	←	41	4	38	1106.64767	-0.00004
42	4	39	←	41	3	38	1106.64767	-0.00004
41	5	37	←	40	4	36	1106.66577	0.00009
41	4	37	←	40	5	36	1106.66577	0.00010
40	6	35	←	39	5	34	1106.68139	0.00002
40	5	35	←	39	6	34	1106.68139	0.00016
39	6	33	←	38	7	32	1106.69517	0.00013

39	7	33	←	38	6	32	1106.69892	-0.00002
46	1	46	←	45	0	45	1106.80323	0.00002
46	0	46	←	45	1	45	1106.80323	0.00002
43	4	40	←	42	3	39	1106.88266	-0.00028
43	3	40	←	42	4	39	1106.88266	-0.00028
42	4	38	←	41	5	37	1106.90209	-0.00003
42	5	38	←	41	4	37	1106.90209	-0.00003
41	6	36	←	40	5	35	1106.91870	-0.00008
41	5	36	←	40	6	35	1106.91870	-0.00001
40	6	34	←	39	7	33	1106.93374	-0.00005
39	8	32	←	38	7	31	1106.97751	0.00025
47	0	47	←	46	1	46	1107.03409	0.00016
47	1	47	←	46	0	46	1107.03409	0.00016
35	9	27	←	34	8	26	1107.15162	-0.00019
42	6	37	←	41	5	36	1107.15571	0.00005
42	5	37	←	41	6	36	1107.15571	0.00009
37	9	29	←	36	8	28	1107.17656	0.00006
40	7	33	←	39	8	32	1107.18008	0.00013
40	8	33	←	39	7	32	1107.20526	0.00042
25	9	17	←	24	8	16	1107.23846	-0.00043
48	1	48	←	47	0	47	1107.26412	0.00006
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38	9	30	←	37	8	29	1107.26684	-0.00023
39	9	31	←	38	8	30	1107.40099	-0.00020
42	6	36	←	41	7	35	1107.40927	0.00023
41	7	34	←	40	8	33	1107.42223	0.00039
41	8	34	←	40	7	33	1107.43636	0.00028
49	1	49	←	48	0	48	1107.49381	0.00023
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31	9	23	←	30	8	22	1107.52448	-0.00087
40	9	32	←	39	8	31	1107.56855	-0.00021
41	8	33	←	40	9	32	1107.62937	0.00023
43	6	37	←	42	7	36	1107.64580	0.00006
42	7	35	←	41	8	34	1107.66163	0.00029
42	8	35	←	41	7	34	1107.66917	-0.00024
22	22	1	←	22	21	2	1107.68745	-0.00034
20	12	9	←	19	11	8	1107.75938	0.00028
44	7	38	←	43	6	37	1107.88170	-0.00036
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42	8	34	←	41	9	33	1107.88935	0.00026
43	7	36	←	42	8	35	1107.89902	-0.00025
43	8	36	←	42	7	35	1107.90360	-0.00019
42	9	34	←	41	8	33	1107.96800	0.00009

43	9	35	←	42	8	34	1108.18621	0.00015
18	14	5	←	17	13	4	1108.35506	0.00013
38	10	29	←	37	9	28	1108.49080	-0.00063
45	9	37	←	44	8	36	1108.63937	-0.00005
46	8	38	←	45	9	37	1108.86131	-0.00002
35	10	26	←	34	9	25	1108.90467	-0.00046
22	13	10	←	21	12	9	1108.92326	-0.00010
33	10	24	←	32	9	23	1109.10955	-0.00028
23	13	11	←	22	12	10	1109.20950	-0.00001
20	15	6	←	19	14	5	1109.53324	0.00010
24	14	11	←	23	13	10	1110.08964	0.00008
28	13	16	←	27	12	15	1110.61244	0.00006
26	15	12	←	25	14	11	1111.25802	0.00032
31	14	18	←	30	13	17	1112.04252	0.00008
30	15	16	←	29	14	15	1112.37907	-0.00017
33	15	19	←	32	14	18	1113.20080	0.00032
35	15	21	←	34	14	20	1113.73646	0.00037
24	21	4	←	23	20	3	1114.36563	-0.00017
22	22	1	←	21	21	0	1114.41784	-0.00033
33	17	17	←	32	16	16	1114.43374	0.00007
32	18	15	←	31	17	14	1114.77355	0.00012
