

CJID	NAME	GWEIGHT	81116	81176	G1	P1	P2	P3	P4	PHLS01	PHLS02	PHLS03	X
Cj0001	dnaA	1	0.1137	0.059771	-0.401444	-0.023563	-0.37501	0.274172	0.198997	-0.282614	0.254352	0.129876	0.382833
Cj0002	dnaN	1	0.164915	0.01564	-0.434598	0.193961	-0.611755	0.157561	0.335255	-0.49981	0.289362	0.383608	-0.082988
Cj0003	gyrB	1	-0.008682	0.025454		0.09126	-0.496957	0.028993	0.095722	0.377512	-0.451662	0.010207	0.132511
Cj0004		1	0.246226	0.032947	-0.38628	0.415001	-0.480961	0.170694	-0.047816	-0.351074	0.266637	0.191057	-0.123748
Cj0005		1	0.085289	-0.203568	-0.051549	-0.188693	-0.319046	0.102053	-0.140826	-0.095265	-0.014937	0.172231	0.312084
Cj0006		1	-0.053793	0.041664	-0.400111	-0.111695	-0.40679	0.036609	0.145612	-0.266038	0.107688	0.250113	0.09788
Cj0007	gltB	1	-0.265345	0.03083	-0.292829	-0.061752	-0.735764	0.056306	0.128029	-0.468132	-0.105628	-0.055291	0.03984
Cj0008		1	-1.315451	-0.080545	-2.365128	-1.510457	-0.611976	-1.920298	0.37951	-0.890305	0.416732	0.472072	-1.631735
Cj0009	gltD	1	-0.156498	-0.122963	-0.157946	-0.384395	-0.366057	-0.052147	-0.053943	-0.359379	-0.298495	-0.105008	0.051998
Cj0010		1	-0.110293	-0.004335	-0.260152	-0.266732	-0.073393	-0.024883	0.095992	-0.112475	-0.036526	0.346758	0.109026
Cj0011		1	-0.120608	0.037171	-0.939814	0.230203	-0.814514	0.153157	0.254231	-1.225329	0.394843	0.439357	-0.149121
Cj0012		1	-0.235314	-0.000144	-0.545403	-0.148321	-0.407172	-0.047816	0.050188	-0.086507	0.026729	0.132906	-0.429537
Cj0013	ilvD	1	-0.108736	-0.04216	-0.581432	0.136716	-0.815783	0.164143	0.325271	-0.99223	0.154324	0.121413	-0.400682
Cj0014		1	-0.014208	-0.446345	0.018492	-0.038303	0.124593	-0.171531	-0.22196	0.019915	-0.07036	0.057693	0.354001
Cj0015		1	0.072174	0.059909	-0.348684	0.15782	-0.094341	0.129217	0.227125	0.041243	-0.007667	0.137897	-0.000722
Cj0016		1	0.18954	0.084609	-0.148321	-0.187543	0.337882	-0.081614	-0.045134	0.425889	-0.599899	-0.120608	0.27023
Cj0017		1	-0.002744	-0.20573	-0.186886	-0.131313	-0.127526	0.220578	-0.019609	0.085968	-0.119197	-0.019609	0.265077
Cj0018		1	0.067363	-0.188365	-0.292829	0.117695	-0.084517	0.202512	0.175557	-0.046176	-0.067939	0.091395	0.245617
Cj0019		1	0.260387	0.033511	-0.488228	0.194087	-0.410812	0.425352	0.330214	0.006047	0.267596	0.446256	-0.044985
Cj0020		1	0.208268	0.296663	0.199876	0.3667	0.532267	0.52647	0.288063	0.1956		-0.269164	0.188021
Cj0021		1	0.022616	-0.162299	-0.161492	-0.015958	0.201132	-0.868542	-0.071421	1.010207	0.020911	-0.145286	0.026871
Cj0022		1	0.188654	0.044464	-0.568965	-0.138124	-0.5041	-0.120922	-0.09727	-0.162137	-0.003611	0.123534	-0.196938
Cj0023	purB	1	0.044464	-0.229551	0.065021	-0.337339	0.221939	-0.082377	-0.187379	0.149129	-1.02034	-0.383642	-0.134477
Cj0024	nrdA	1	0.083928	-0.012897	-0.3485	0.224905	3.993756	0.029983	0.084064	-0.343183	0.14991	-0.113255	-0.408704
Cj0025		1	-0.077193	-0.328616	-0.156659	-0.170556	-0.338798	0.058524	-0.222128	0.005472	-0.225329	-0.228368	-0.15682
Cj0026		1	0.051859	0.062536	-0.513131	-0.075824	-0.455218	0.06571	-0.007667	-0.115597	0.01564	0.103531	-0.031209
Cj0027	pyrG	1	0.03083	-0.000433	-0.567468	-0.030914	-0.652448	0.090989	0.018919	-0.463748	-0.259979	0.062122	-0.005927
Cj0028	recJ	1	0.147307	-0.048711	-0.566827	0.569977	-0.618827	0.234133	0.266517	-0.951764	0.519441	0.298189	-0.476739
Cj0029	ansA	1	-0.187543	-0.309359	-0.471329	-0.402969	-0.559367	-0.157464	-0.225329	-0.427013	-0.338068	-0.317606	-0.107492
Cj0030		1	-0.872235	-0.361787	-0.532825	-0.006217	-0.234126	0.113434	0.15562	-0.114348	0.099497	0.121679	-0.158268
Cj0031		1	0.311271	0.015212	0.01407	0.10742	-0.258598	0.135666	0.110764	0.255319	0.032947	-0.02694	-0.176414
Cj0032		1	-1.422366	-0.056041	0.253989	-1.49981	0.184344	-0.540778	-1.018586	0.36042	-0.260843	-0.686174	-2.113411
Cj0033		1	-1.03623	-0.265865	-0.067183	-1.538262	-0.41523	-2.70557	-2.298318	0.066399	-2.431287	-2.556393	-2.071573

Cj0034	1	-0.248451	0.046142	-1.123748	0.107688	-1.750979	-0.127999	0.449007	-1.349603	0.007196	-0.240759	-0.601869
Cj0035	1	0.091531	0.034216	0.015069	-0.038006	0.161952	0.100305	0.008057	0.145743		-0.141462	0.133695
Cj0036	1	0.156785	-0.026793	-0.768568	0.512884	-1.135428	0.328951	0.452595	-0.816545	0.380508	0.475604	-0.575185
Cj0037	1	0.136323	-0.035047	-0.444184	-0.345931	-0.662689	0.239765	0.043764	-0.102837	-0.023123	0.02148	-0.111228
Cj0038	1	-0.159718	-0.005058	-0.474933	0.085017	-0.833413	-0.044241	0.227741	-0.31079	-0.231922	0.109962	0.175812
Cj0039	1	-0.006942	0.017494	-0.379507	0.073409	-0.171044	-0.008102	0.16877	-0.076585	-0.132104	0.063917	0.158078
Cj0040	1	0.252416	0.061431	-0.662004	0.259423	-0.269512	0.071488	0.1129	-0.24554	0.24732	0.436588	0.126973
Cj0041	1	0.142609	0.109962	-0.175762	0.119954	-0.295482	0.257011	0.054918	0.035342	0.313014	0.404576	-0.085895
Cj0042	1	-0.18164	-0.087274	0.157949	-0.037562	0.157432	0.088956	0.025312	-0.028558	-0.249308	-0.088654	0.123269
Cj0043	1	0.1121	-0.03934	-0.413692	0.293841	-0.414461	0.292546	0.295605	-0.309359	0.209765	0.134747	-0.36829
Cj0044	1	0.239765	0.154324	-0.019902	0.209266	0.244765	0.245252	0.198117	0.298424	0.239642	0.09815	0.237441
Cj0045	1	-0.053643	0.168	-0.478949	-0.018878	-0.465142	0.316493	-0.020779	-0.104077	0.092749	0.262313	-0.136062
Cj0046	1	-0.271252	0.256407	-0.001443	-0.159396	0.035202	0.181548	-0.101598	-0.011443	-0.08896	-0.049009	-0.001588
Cj0047	1	-0.1181	0.033652	-0.147362	-0.046474	-0.069301	0.167101	0.018777	0.247806	-0.000144	-0.099587	-0.060247
Cj0048	1	-0.029294	0.239031	0.351967	-0.050951	0.337311	0.141956	0.01264	0.378179	0.016639	0.111699	0.275841
Cj0049	1	-0.253257	-0.307394	0.141171	-0.501647	0.053667	0.156526	-0.233786	0.037171	-0.055891	-0.135745	0.080794
Cj0050	1	-0.228368	-0.367546	-0.104853	-0.230905	-0.003901	0.017494	-0.123905	-0.072483	-0.207894	-0.035786	-0.11076
Cj0051	1	-0.374449	-0.048114		0.401521	0.376402	-0.028999	-0.134477	-0.648598	0.325041	0.302524	-0.541618
Cj0052	1	-0.075976	0.398241	0.191942	0.181166	0.344828	0.158208	-0.21558	0.146655	0.00173	0.15562	-0.026058
Cj0053	1	-0.428954	-0.294597	-0.015666	-0.400873	-0.219606	0.141694	-0.181804	-0.002021	-0.006797	0.055335	-0.001732
Cj0054	1	-0.330792	-0.029146	-0.717145	-0.016541	-0.770781	0.070389	0.186501	-0.705335	-0.022977	0.029135	-0.218263
Cj0055	1	-1.378194	0.003026	-0.235994	-0.001299	-0.126266	0.144177	0.194465	-0.019902	0.024887	0.084745	0.014498
Cj0056	1	-2.769059	0.032947	0.041523	0.017209	0.075738	0.04684	0.094777	0.166715	-0.078107	0.04991	0.120219
Cj0057	1	-2.765131	-0.407172	0.258459	-0.216921	-0.070512	0.031536	-0.011588	0.07382	-0.149761	-0.103922	0.21661
Cj0058	1	-1.907251	-0.043646	-0.298495	-0.109826	-0.095111	0.019204	0.114367	-0.125793	0.084473	0.185486	0.209266
Cj0059	1	-1.067636	-0.224992	0.028852	-0.008537	0.252416	0.116365	0.204892	0.011209	-0.151683	-0.017563	0.149389
Cj0060	1	-0.027822	-0.091418	0.159758	0.168514	0.140648	-0.013043	0.048794	0.273456	-0.052745	0.147307	0.110096
Cj0061	1	0.014498	-0.283843	-0.092956	-0.058293	-0.042754	0.049073	-0.042605	0.053667	-0.051848	0.042784	0.160791
Cj0062	1	0.084064	-0.30561	0.023752	-0.949812	0.238053	-0.477944	-0.131155	0.08134	1.247259	-0.168771	0.105812
Cj0063	1	0.039981	0.053945	-0.319406	0.190804	-0.514779	0.290542	0.203138	-0.024443	0.116099	0.462785	0.092613
Cj0064	1	-0.665432	0.025029	0.191689	0.199123	0.343806	0.206393	0.070801	0.271784	0.000721	0.230818	0.078746
Cj0065	1	0.069015	-0.320846	-0.001732	-0.102372	0.12075	0.1141	-0.089114	0.244887	-0.007812	0.119555	0.057
Cj0066	1	0.062536	-0.107803	-0.166179	0.006908	0.063227	0.138552	0.123534	0.061292	0.057138	0.116764	0.033793
Cj0067	1	0.19131	-0.059495	0.062398	0.127633	0.230941	0.264717	0.124328	0.257373	0.05797	0.15095	0.091801
Cj0068	1	0.127633	-0.069906	-0.49879	0.068464	-0.351627	0.038577	0	0.025312	-0.018732	0.05464	-0.141144

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Cj0069	1	0.023752	-0.344282	-0.569822	-0.559579	0.809826	-0.518908	-0.273518	0.211137	-0.536168	-0.116066	0.119555
Cj0070	1	0.223175	-0.410045	0.118094	-0.594008	0.63951	-0.401635	-0.004914	0.098824		-0.054992	0.185867
Cj0071	1	0.213254	-0.161331	0.145482	-0.772752	0.514299	-1.251882	-0.569394	0.136454	-1.445755	-0.915391	0.037312
Cj0072	1	0.143524	-0.041863	2.251901	0.189919	-1.149441	0.129085	0.039934		0.004465	0.009347	0.017352
Cj0073	1	-0.002888	-0.280685	0.075464	-0.150561	0.803888	-0.005348	-0.170232	0.159758	-0.412347	0.100574	-0.09542
Cj0074	1	0.033652	-0.260497	0.148999		0.327802	-0.035343	0.035905	0.094236	-0.983361	0.050049	0.091124
Cj0075	1	-0.116379	-0.083906	0.023894	-0.07127	0.440633	-0.151362	-0.035343	0.251931	-0.642955	-0.012461	0.195852
Cj0076	1	-0.043497	0.026163	0.243669	0.212258	0.343351	0.193456	0.087191	0.356595	0.00101	0.177216	0.224411
Cj0077	1	-0.069301	-0.112163	0.074231	-0.443399	0.237931	0.005472	-0.297077	0.221073	-3.013917	-0.317427	0.350158
Cj0078	1	-0.440655	-0.289298	-0.060849	-0.0511	0.171335	0.390888	0.045163	0.075053	-0.005782	-0.016395	0.07738
Cj0079	1	0.123401	0.058801	-0.036526	0.200253	-0.089267	0.238542	0.27608	0.181039	0.25882	0.104873	0.029842
Cj0080	1	0.076559	0.024745	-0.100051	0.14952	-0.090035	0.188781	0.102725	0.176706	0.227618	0.366924	0.088006
Cj0081	1	-0.040972	-0.14401	0.071763	0.007626	0.151469	0.26123	-0.101598	0.140124	0.14978	0.307895	-0.05125
Cj0082	1	0.009204	-0.081003	-0.066276	-0.021951	0.189793	0.017352	-0.047219	-0.050054	-0.082072	0.067226	0.10916
Cj0083	1	0.0719	-0.075216	0.653702	0.123004	0.60966	0.109427	0.115566	0.226015	0.073546	0.18574	0.061154
Cj0084	1	-0.09542	0.469365	0.283329	0.02361	0.589763	0.060877	-0.02327	0.413594	0.146655	0.211261	-0.059495
Cj0085	1	0.008917	-0.001588	0.199625	-0.256011	0.282143	0.055196	-0.259288	0.113967	-0.130839	0.020342	-0.206395
Cj0086	1	0.033511	-0.004045	0.063089	-0.187214	0.058386	-0.125164	-0.140348	0.010923	-0.344099	0.023894	-0.105628
Cj0087	1	0.025879	0.231064	0.159112	-0.537215	0.229219	0.012211	-0.01217	0.143002	-1.90185	-0.112787	0.154842
Cj0088	1	-0.07765	0.263515	0.110631	0.052833	-0.122491	-0.040972	-0.163268	-0.428566	0.070939	-0.046772	0.24245
Cj0089	1	0.02772	0.148609	-0.011443	-0.107648	-0.11951	-0.027822	-0.170394	0.051163	0.154713	0.211635	-0.050502
Cj0090	1	-0.117787	-0.049158	-0.094649	0.106884	-0.000433	0.08624	0.190552	-0.002744	0.033793	0.130931	0.022332
Cj0091	1	0.133827	0.017209	-0.254978	0.170822	-0.071421	0.21176	0.186247	0.015069	0.151209	0.201885	0.270947
Cj0092	1	0.173511	0.286053	0.037312	0.046282	0.198117	0.095722	0.047259	0.378068	0.048376	0.140779	0.215492
Cj0093	1	-0.01028	0.045723	-0.544771	0.029559	-0.752194	0.100843	-0.036674	-0.386091	0.092613	0.274053	0.068052
Cj0094	1	-0.248965	0.174662	-0.146084	-0.15441	0.068327	0.174151	0.045583	-0.035934	-0.28086	0.14509	0.156655
Cj0095	1	-0.003611	0.430499	0.021195	0.1995	0.10017	0.137372	0.105812	0.262313	-0.461164	0.080385	0.555129
Cj0096	1	0.06571	0.648005	0.181166	0.089905	0.377624	0.232538	0.177089	0.711935	0.272382	0.247441	0.700085
Cj0097	1	-0.213906	-0.324455	0.10541	-0.21491	-0.099278	0.117163	-0.053194	0.027862	0.013927	-0.174621	0.391328
Cj0098	1	-0.018878	-0.186557	0.103531	-0.110449	-0.033422	0.147567	0.07519	-0.010134	-0.082377	0.153935	0.219587
Cj0099	1	-0.127526	-0.017709		0.042084	1.85591	-0.107803	0.041523	-0.786373	-0.114035	0.163112	0.123799
Cj0100	1	0.14978	0.082294	-0.212902	0.243547	-0.054542	-0.122177	-0.107492	0.11703	-0.003611	0.100305	0.205768
Cj0101	1	0.028711	-0.226004	-0.069301	-0.283843	-0.127683	0.05894	-0.044092	-0.143213	-0.038599	0.162468	0.179001
Cj0102	1	-0.148801	-0.248451	0.129613	-0.89084	0.297368	-0.458386	-0.247765	0.060324	-0.686638	0.041944	0.183074
Cj0103	1	0.067639	-0.229213	-0.171368	-0.144967	0.269871	-0.058142	0.129613	0.074094	-0.178208	0.184978	-0.003467

Cj0104	atpH	1	0.15549	0.184852	0.244887	-0.058142	0.360645	0.22231	-0.011152	0.248049	-0.50226	0.098689	0.241474
Cj0105	atpA	1	-0.065974	-0.511279	0.12618	-0.334062	-0.059345	0.010064	-0.230905	0.069977	-0.151042	-0.146883	0.260507
Cj0106	atpG	1	-0.101289	-0.058593	0.348912	1.070664	0.333882	0.915253	0.80521	0.021338	0.479748	0.095992	0.971663
Cj0107	atpD	1	-0.034456	-0.22651	-0.023416	-0.002599	0.242328	0.161823	0.15004	0.141302	-0.24554	-0.005058	0.085697
Cj0108	atpC	1	-0.034456	0.273934	0.241474	0.146786	0.519743	0.083928	0.115699	0.374066	-0.486004	-0.164238	0.126973
Cj0109	exbB3	1	0.021053	0.031254	-0.597714	-0.043497	-0.704159	0.065986	0.088006	-0.322108	0.116498	0.056306	0.11023
Cj0110	exbD3	1	0.128293	-0.078564	-0.290533	-0.056341	-0.255839	0.15082	0.188274	-0.073849	-0.0432	-0.034604	0.180784
Cj0111		1	0.205017	0.082703	-0.406407	0.08787	-0.364013	-0.015958	0.088142	0.024036	0.021053	0.161436	0.188654
Cj0112		1	0.491494	-0.01057	-0.421399	0.306029	-0.008102	0.312781	0.125916	-0.131945	-0.11703	0.194087	-0.073241
Cj0113	pal	1	0.025029	-0.281737		-0.549831	-0.868806	0.109829	-0.24708	-0.341354	-2.135428	-0.130997	0.222186
Cj0114		1	-0.054992	-0.273692	-0.349419	-0.338433	0.034075	-0.08804	0.0397	-0.073849	-0.469929	-0.050353	0.057554
Cj0115	slyD	1	0.074916	0.017637	-0.848921	0.168129	-0.563412	0.064193	0.204892	-0.608672	0.071763	0.227864	-0.036674
Cj0116	fabD	1	-0.156016	-0.165855		0.175173	-0.090496	-0.156016	0.118493	-0.253773	-0.08804	0.054084	0.048655
Cj0117	pfs	1	-0.189516	-0.371833	0.201257	-0.582512	0.431997	-0.343183	-0.351627	0.424492	-1.96917	-0.081919	0.043484
Cj0118		1	-0.12202	-0.067939	-0.137807	-0.201244	0.021053	0.024887	-0.02694	-0.076737	-0.163429	-0.039933	0.029276
Cj0119		1	0.154454	-0.137489	-0.077041	0.022616	0.044044	0.063503	-0.012606	0.172231	0.026021	0.199625	-0.07552
Cj0120		1	0.07861	-0.011733	-0.166017	0.055335	0.156008	0.076833	-0.07036	0.169284	-0.016395	0.137241	-0.186393
Cj0121		1	-0.335699	-0.462555	-0.178535	-0.25515	0.024178	0.185867	-0.127841	0.141956	-0.128472	0.039981	-0.259806
Cj0122		1	-1.471529	-0.900772	-0.343183	-0.112943	0.019488	0.178237	0.136585	0.026871	-0.022683	0.085968	0.005041
Cj0123		1	-0.052296	-0.141144	0.122606	0.012354	0.252295	0.131063	0.040121	0.257614	-0.079478	0.032101	0.053667
Cj0124		1	0.178364	0.008774	-0.226848	0.280481	-0.164399	0.317999	0.123666	0.25084	0.53087	0.534958	-0.085435
Cj0125		1	0.034497	-0.086507	-0.299915	0.111031	-0.310075	0.327917	0.115433	-0.032831	0.23952	0.299127	-0.133685
Cj0126		1	0.053806	-0.127211	-0.006942	-0.227016	0.090447	0.158337	-0.013625	0.072998	0.033088	0.148479	-0.117474
Cj0127		1	0.077243	0.003602	0.052138	0.119423	0.10916	0.310456	0.234869	0.292546	0.030689	0.081749	-0.020926
Cj0128		1	0.02772	0.051442	0.076559	0.163885	0.234992	0.145612	0.064883	0.265077	0.294077	0.202888	-0.034751
Cj0129		1	-0.103302	-0.237183	0.117429	-0.233108	0.041804	-0.01057	-0.251195	0.099228	-0.378944	-0.148801	-0.121079
Cj0130	tyrA	1	0.026163	-0.045283	-0.079326	-0.10827	0.068877	0.041383	0.036327	-0.027969	-0.099124	-0.035934	-0.047517
Cj0131		1	0.030265	-0.013625		0.087599		0.1038	0.132511	3.642748	0.015069	-0.082988	-0.002744
Cj0132	lpxC	1	0.245496	0.025029	-0.874084	0.151209	-0.514985	0.0782	0.151989	1.076422	0.086784	-0.131313	0.03337
Cj0133		1	0.042784	0.040542	-0.187707	-0.122334	-0.298673	0.108759	0.011925	0.060186	0.033088	-0.208394	-0.084976
Cj0134	thrB	1	-0.086048	-0.050652	-0.186065	0.005759	-0.347215	0.099363	0.097341	-0.143692	0.088142	-0.044092	-0.017271
Cj0135		1	0.094641	0.133169	-0.011443	0.050467	0.040261	-1.439872	0.029842	0.20989	-0.098969	0.038998	0.153287
Cj0136	infB	1	0.202888	0.016354	-0.358639	0.052972	-0.323733	0.132643	0.056029	-0.031946	0.176833	0.122606	0.095722
Cj0137		1	-0.281036	0.179638	0.09004	-0.326082	-0.0145	-0.124534	-0.390812	0.140648	-0.629947	0.1396	-0.196773
Cj0138		1	-0.490253	-0.0885	-0.063711	-0.340989	-0.832128	-0.313119	-0.204233	-0.170719	-0.182295	-0.541198	-0.180986

Cj0139	1	-0.809196	-0.027969	-0.231413	-0.187871	-0.782397	-0.609993	-0.505124	0.133564	0.105812	-0.785626	-0.070058
Cj0140	1	-1.570464	0.249506	0.115699	0.055612	0.278461	0.260267	0.14952	0.403268	0.201634	0.12446	0.177471
Cj0141	1	-0.105318	0.177726	-0.436549	-0.056941	-0.838564	0.141956	-0.115754	-0.264998	0.066399	0.023894	-0.11951
Cj0142	1	-0.113255	0.081476	-0.031946	-0.009408	0.008057	0.00863	0.078473	0.072037	0.0719	-0.0613	0.060462
Cj0143	1	0.116897	0.462157	-0.056041	0.319271	0.263155	0.190804	0.183836	0.279293	0.125916	0.028993	0.466131
Cj0144	1	0.269033	0.303342	0.273217	0.108223	0.375735	-0.030472	-0.139395	0.319965	-0.024296	-0.249994	0.302875
Cj0145	1	-0.232599	-0.033865	-0.119354	-0.069603	-0.242977	0.173639	0.048794	-0.278059	0.281669	0.187768	-0.018732
Cj0146	1	0.102994	-0.265691	0.147307	1.041383	0.266277	-0.133844	0.00906	1.016282	0.265557	0.156785	
Cj0147	1	0.014498	-0.057242		0.064607		-0.03003	0.16877	0.163885	0.196481	0.059632	
Cj0148	1	0.011925	0.170822	0.147958	-0.17397	0.425459	-0.061451	-0.213571	0.210888	-0.389678	-0.036674	0.19497
Cj0149	1	-0.207228	-0.39973	0.279531	-0.658583	0.148479	-0.072483	-0.329522	0.024036	-0.355867	-0.263438	0.31429
Cj0150	1	-0.034308	-0.206562	-0.26067	-0.297963	-0.137807	0.077927	0.263275	-0.038599	-0.114816	0.057	0.178237
Cj0151	1	-0.015666	-0.160524	-0.128945	-0.139554	0.210139	-0.138124	0.070801	0.143785	-0.050652	0.042924	-0.207228
Cj0152	1	0.15549	0.031536	-0.503078	0.133564	-0.386657	0.1125	0.217355	-0.360305	0.125916	0.314174	-0.130523
Cj0153	1	0.069015	-0.056191	0.100305	-0.384019	0.117828	-0.024296	-0.114035	0.025879	-0.08253	-0.137013	0.330558
Cj0154	1	0.181675	-0.010716	-0.047517	-0.041863	-0.106405	0.03956	0.082021	-0.062957	-0.017855	0.182057	0.126576
Cj0155	1	0.101785	0.030972	-0.134477	0.096667	-0.147522	0.183074	0.153935	0.257373	-0.162945	0.29537	-0.009553
Cj0156	1	0.259664	0.573471	0.176195	0.318577	0.364572	0.232538	-0.134477	0.356482	0.195096	0.344942	-0.019463
Cj0157	1	0.148348	-0.092186	-0.009118	-0.058894	0.255319	0.111432	-0.056941	0.155231	-0.000577	0.229342	0.015498
Cj0158	1	0.127897	0.022474	-0.552368	-0.006797	-0.160524	0.100978	0.159887	-0.068393	0.221197	0.230449	-0.090649
Cj0159	1	0.279055	-0.008537	-0.611314	0.17645	-0.503691	0.255078	0.173383	-0.055591	0.134221	0.122474	0.057138
Cj0160	1	0.2444	-0.027675	-0.346298	0.208642	0.865206	0.261952	0.179384	0.165172	0.108357	0.172488	0.045024
Cj0161	1	0.010493	-0.08758	0.145482	-0.066276	3.208548	0.116498	0.004178	0.205768	0.095857	0.060047	0.110898
Cj0162	1	-0.034456	-0.217088	0.099093	-0.234296	0.455544	-0.111072	0.034075	0.052138	-0.325901	0.216734	0.252416
Cj0163	1	0.016211	-0.067636	0.163756	-0.939538	0.503959	-0.852042	-0.343916	0.215244		-0.327529	0.08787
Cj0164	1	-0.159235	0.456491	1.720454	-0.345748	0.967464	-0.120451	-0.045283		-1.156177	0.200504	-0.170719
Cj0165	1	-0.050652	-0.101908	-1.229044	-0.518081	0.442015	0.038155	-0.124692	0.033793	0.256286	0.024603	0.23952
Cj0166	1	0.074642	-0.232091	0.133432	-0.069301	0.27011	0.104739	0.071213	0.069152	-0.18705	-0.060397	0.131721
Cj0167	1	-0.350155	-0.212902	0.287236		0.545178	1.238237	1.102524	0.250477	1.016568	1.584145	-0.013917
Cj0168	1	0.011066	-0.002455	0.241962	0.035624	0.378512	0.139993	0.066675	0.360308	-0.099278	0.063089	-0.046474
Cj0169	1	-0.157303	-0.177882	0.091801	-0.292829	0.121546	0.172616	-0.242294	0.152638	-0.766603	-0.085589	-0.13733
Cj0170	1	-1.629055	0.062122	-0.490659	-0.162622	-0.471329	0.171335	-0.07127	-0.140348	-0.01057	-0.100206	-0.025324
Cj0171	1	-1.182786	-0.259979	0.147046	-0.113723	0.27274	0.198997	0.055751	0.222557	-0.41889	-0.133369	0.078473
Cj0172	1	-0.141303	0.007339	0.025454	0.1038	0.242328	0.201885	0.122209	0.195726	0.172231	0.084609	-0.099742
Cj0173	1	-0.072179	-0.208894	-0.017417	-0.992804	0.044604	-0.247765	-0.36829	0.015783	-0.634867	-0.084364	-0.142258

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Cj0174	1	-0.051549	-0.094803	-0.261362	-0.057392	0.009491	0.154065	-0.025177	-0.018878	0.025454	0.129349	-0.050801
Cj0175	1	-0.249822	-0.016979	-0.018293	0.099497	0.093966	-0.067939	0.219587	0.218347	0.189287	0.171591	-0.028116
Cj0176	1	-0.737447	0.085425	0.2806	0.148479	0.60521	-0.637558	-0.006797	0.345396	0.185105	0.330673	-0.041269
Cj0177	1	-1.311148	-1.244002	0.129481	-0.239907	0.194844	-0.231413	-0.286304	0.073409	-0.292299	0.098015	-0.116223
Cj0178	1	-3.55131	-2.620601	-0.050951	-0.038747	0.047399	0.081612	0.297133	-0.013334	-0.261016	-0.12658	0.200253
Cj0179	1	-3.294774	-2.575185	0.062398	0.062398	1.834711	0.236584	-0.007232	0.928048	-0.151843	-0.062957	0.048794
Cj0180	1	-2.904008	-1.785875	0.056445	0.18954	0.208767	0.101516	0.061431	0.324465	0.159887	0.23008	-0.128787
Cj0181	1	-1.956796	-0.878321	0.074916	4.062294	0.130404	-0.156498	-0.327348	0.169155	-0.365314	0.499578	-0.085129
Cj0182	1	-0.457197	-0.143851	-0.144808	0.063503	-0.163429	-0.410428	0.118227	-0.16537	0.126576	0.168	-0.043497
Cj0183	1	0.040121	0.062812	-0.169582	0.16221	-0.109203	0.171591	0.159629	0.076149	0.00101	0.174023	0.217603
Cj0184	1	0.210015	0.03689	-0.202572	0.206893	0.082021	0.36446	0.282262	0.260146	0.20989	0.164915	0.219711
Cj0185	1	-0.059345	0.238787	0.052138	-0.248622	0.023752	0.09329	-0.219438	0.100574	-0.291415	0.102188	-0.151202
Cj0186	1	-0.148961	0.04698	-0.039933	-0.142895	-0.248965	0.059632	0.014355	-0.065219	-0.077498	0.050745	-0.080393
Cj0187	1	0.08093	0.112767	-0.008537	-0.247937	0.05797	-0.120765	-0.09619	0.156526	-0.069149	0.098015	0.073409
Cj0188	1	0.000289	0.69439	0.260507	-1.923031	0.418784	-0.973129	-0.229213	0.349931	-1.471929	-0.067485	0.351402
Cj0189	1	-0.062505	-0.035786	-0.004769	-0.065672	-0.049606	0.154972	-0.000577	-0.040527	-0.094649	0.104471	-0.22803
Cj0190	1	-0.232939	0.033511	-0.359934	0.135666	-0.761702	0.140517	0.266757	-0.516636	0.121546	0.197111	-0.059645
Cj0191	1	0.15056	-0.005782	-0.271775	0.168	-0.121079	0.316841	0.244887	-0.050204	0.260507	0.309409	-0.053045
Cj0192	1	0.041804	-0.055291	-0.244856	0.411535	-0.253257	0.297485	0.420186	-0.063409	0.314523	0.348686	-0.393463
Cj0193	1	-0.10036	-0.057692	-0.288946	-0.082072	-0.520356	-0.048711	0.108089	-0.44969	0.1149	0.122474	0.139469
Cj0194	1	-0.054093	-0.062505	-0.0432	-2.437526	-0.146883	-0.099124	0.185105	-0.11857	0.04977	0.05464	0.186247
Cj0195	1	-0.151683	-0.003322	-0.466935	0.435735	-0.711701	0.108357	0.182438	-1.11904	0.259423	0.184217	-0.312223
Cj0196	1	-0.209895	-0.067788	-0.443399	0.543496	-0.644082	0.093019	-0.048711	-0.481163	0.16543	0.115965	-0.420627
Cj0197	1	-0.207894	-0.065219	-0.438307	-0.085435	-0.940922	0.059355	0.143785	-0.561281	0.169284	0.048236	-0.191986
Cj0198	1	-0.096962	-0.024003	-0.354022	-0.063861	-0.279284	0.123136	0.196859	-0.272123	0.162726	0.1137	0.025454
Cj0199	1	0.181802	-0.224317	-0.22398	0.044184	-0.103612	0.104605	0.261832	0.049491	-0.023416	0.076969	0.267116
Cj0200	1	0.123799	-0.057091	-0.354575	0.402504	-0.561068	0.285225	0.343351	-0.509225	0.2949	0.218471	0.015212
Cj0201	1	0.01564	-0.377819	0.106482	-0.241612	-0.135428	0.088006	0.09356	-0.263265	0.043345	0.085833	0.142348
Cj0202	1	0.101785	-0.306145	-0.631735	-0.184589	-0.613962	0.165172	0.303109	-0.923304	0.052277	0.125387	0.228234
Cj0203	1	0.037453	-0.050801	0.007626	-0.019317	0.078883	0.171079	0.28558	0.035202	-0.045878	0.03689	0.053111
Cj0204	1	-0.089421	0.012783	-0.044241	0.215741	0.016924	0.222681	0.001298	0.182057	0.164014	0.222063	-0.040378
Cj0205	1	-0.11904	-0.03416	-0.416	-0.047666	-0.409661	-0.06115	0.038155	-0.290886	0.019773	-0.06809	-0.045878
Cj0206	1	-0.038599	0.020484	-0.573682	-0.045134	-0.413692	0.092072	0.061845	-0.379695	0.011925	0.044744	-0.035047
Cj0207	1	-0.062656	-0.009553	-0.725947	0.222928	-0.907251	0.297133	0.44297	-0.796862	0.338339	0.104605	-0.691057
Cj0208	1	-0.534914	-0.054542	0.133827	-0.001588	0.263034	0.163112	-0.063108	0.28629	-0.11904	0.050745	-0.008392

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Cj0209	1	-0.168123	-0.578198	0.156008	-0.499198	0.396379	-0.107182	-0.309002	0.110898	-0.517668	-0.065672	-0.01844
Cj0210	1	0.016211	0.02219	-0.347215	-0.191656	-0.436159	-0.015228	-0.022977	-0.374075	-0.187379	-0.024443	0.062536
Cj0211	1	0.043624	-0.014645	-0.349787	-0.104387	-0.54962	0.085833	0.08134	-0.832899	-0.128314	0.059217	0.00777
Cj0212	1	-0.160685	-0.190009	-0.107959	0.046701	0.153157	-0.104077	-0.048711	0.326652	-0.099742	0.035342	-0.150721
Cj0213	1	-0.074001	-0.470329	0.135404	-0.787617	0.432853	-0.299383	-0.366429	0.122076	-0.625934	-0.269338	-0.14003
Cj0214	1	-0.059495	-0.347766	-0.47333	-0.929885	-0.648598	-0.503487	-0.318686	-0.606035	-1.201576	-0.318866	0.004609
Cj0215	1	-0.079326	-0.256356	-0.022244	-0.177719	-0.049308	-0.173319	-0.065521	0.114767	-0.429731	-0.183277	0.031395
Cj0216	1	-0.142576	0.060601	0.271904	-0.151362	0.354001	-0.169582	-0.346298	0.350837	-0.491876	-0.382325	-0.201742
Cj0217	1	-0.236164	-0.019463	-0.351258	-0.12422	-0.377632	0.108759	0.091937	-0.493093	-0.040675	0.009491	-0.275262
Cj0218	1	-0.104697	-0.108892	-0.25515	-0.326986	0.104739	-0.072331	-0.000144	-0.129576	-0.214408	-0.161976	0.005903
Cj0219	1	-0.343549	-0.21927	-0.886033	-0.174784		-0.089728	-0.036822	-0.238715	-0.347582	-0.106405	0.152248
Cj0220	1	-0.275437	0.156267	0.307079	1.706022	0.455439		-0.419276	0.342669		-0.25257	0.019773
Cj0221	1	0.006765	-0.156981	0.155102	-0.964939	0.26123	-0.209061	-0.517668	0.22367	-1.768076	-0.304362	-0.041269
Cj0222	1	-0.197269	-0.207894	0.222063	-1.139236	0.347666	-0.547932	-0.454032	0.028993		-1.116848	0.1644
Cj0223	1	0.040402	-0.105784	-0.101289	-0.643856	-0.184752	-1.054692	-0.128156	0.235482	-1.703689	-0.151683	0.093556
Cj0224	1	-0.081308	0.044044	0.133695	-0.103457	0.229711	0.016782	-0.141939	0.291132	0.151339	0.001874	-0.21073
Cj0225	1	-0.304362	-0.518081	0.244522	-0.529489	0.175045	0.037031	-0.639355	0.07738	-0.47333	-0.213069	-0.36829
Cj0226	1	-0.086201	0.005903	0.125387	-0.114972	0.27035	-0.041863	-0.068998	-0.003467	-0.11904	-0.09619	-0.187543
Cj0227	1	-0.151202	-0.012897	0.308011	0.041944	0.368712	-0.010425	0.122076	0.04712	-0.04112	-0.087274	-0.381761
Cj0228	1	-0.04439	0.147828	0.330673	-0.378944	0.579759	0.114634	-0.026793	0.323197	-0.21491	0.232906	0.027012
Cj0229	1	-0.006217	-0.041417	-0.299915	0.200128	-0.612637	0.23217	0.120883	-0.257218	0.125254	0.224534	-0.114972
Cj0230	1	-0.081919	-0.076889	0.005472	0.023752	0.103665	0.135798	0.1956	-0.026499	-0.062354	0.053528	-0.027969
Cj0231	1	0.086376	-0.08024	0.102188	-0.124849		-0.071876	0.051581	0.157691	-0.246224	0.07382	-0.119981
Cj0232	1	0.025029	0.301354	0.19333	-0.098351	0.317767	0.132774	0.02772	0.413811	0.168129	0.103531	-0.292122
Cj0233	1	-0.00231	0.191815	-0.309717	-0.541408	-0.172018	-0.000722	-0.286128	-0.042605	-0.306323	-0.076889	-0.49289
Cj0234	1	-0.047368	0.020342	-0.164076	-0.055142	0.041383	0.072998	0.110096	-0.018586	0.025596	0.103128	-0.019755
Cj0235	1	0.218223	0.141564	-0.098351	-0.130365	-0.064163	0.034216	-0.142576	0.115166	-0.032241	0.086784	-0.179678
Cj0236	1	0.206893	0.521754	0.124857	-0.007957	0.393306	0.076833	0.108625	0.273934	0.154972	0.254957	0.057277
Cj0237	1	0.098689	-0.01217	-0.34172	0.253384	-0.338068	0.317883	0.194213	-0.380446	0.413486	0.414785	-0.0836
Cj0238	1	-0.131471	0.065159	-0.216418	0.064745	-0.279459	0.136585	0.061292	-0.265518	0.111165	0.173895	0.138945
Cj0239	1	0.127369	-0.016395	-0.029883	0.396817	0.183074	0.170181	0.510253	0.079975	0.345283	0.182184	-0.653128
Cj0240	1	0.107554	0.232292	0.20389	0.046701	0.319502	0.109561	0.116764	0.257493	0.227987	-0.01028	0.35095
Cj0241	1	0.12499	-0.049457	-0.713592	-0.001155	-0.785129	-0.077954	0.20063	-0.360305	0.458382	0.336969	0.317651
Cj0242	1	0.227248	-0.10967	0.167872	-0.020779	-0.003756	-0.236673	0.181293	0.00317	0.051998	0.19333	0.280719
Cj0243	1	0.053111	0.004609	-0.666118	0.373063	-0.559792	0.140386	0.268913	-0.495329	0.406428	0.460376	-0.022537

argC

argB

argD

cynT

Cj0244	rpmI	1	0.217851	0.00389	-0.466935	0.40294	-0.679689	0.020058	-0.136062	-0.176903	0.309991	0.420833	-0.046921
Cj0245	rpIT	1	0.281669	-0.256873	-0.120608	-0.238374	-0.093879	-0.432844	-0.03623	-0.261535	-0.060096	0.023326	0.287118
Cj0246		1	0.247077	0.013069	-0.460171	-0.064616	-0.351811	-1.215915	0.234869	-0.323552	0.195222	0.276318	0.187641
Cj0247		1	0.055473	-0.226679	0.03083	0.033934	0.085153	0.089498	0.161823	0.109026	0.082021	0.189413	0.055473
Cj0248		1	0.285343	0.168899	-0.061451	0.228603	0.041103	0.179766	0.184471	0.299714	0.210638	0.258579	0.077106
Cj0249		1	0.172616	-0.30365	0.033511	-0.238204	-0.061601	0.043624	-0.084211	-0.109826	0.079975	0.17645	0.004178
Cj0250		1	0.160533	-0.054992	-0.552156	-0.029883	-0.581432	0.208018	0.311852	-0.840371	0.097611	0.268434	-0.171044
Cj0251		1	0.131985	-0.028705	-0.375384	0.186247	-0.228537	0.140255	0.25181	-0.108736	0.152508	0.276675	0.045862
Cj0252	moaC	1	0.079429	0.013069	0.097611	0.237686	0.136323	0.096397	0.107688	0.298424	0.260387	0.19862	-0.129892
Cj0253		1	-0.002888	-0.013334	-0.488026	0.050188	-0.798115	0.049073	0.242938	-0.690358	0.134352	0.128029	-0.246567
Cj0254		1	-0.062053	-0.03697	-0.133211	-0.135269	-0.303828	0.099228	-0.004335	-0.097733	-0.112163	-0.002599	-0.00231
Cj0255		1	0.101381	0.03956	-0.393274	0.063641	-0.405834	0.161952	0.134352	-0.381949	-0.005058	0.146525	0.018492
Cj0256		1	0.118626	-0.01028	0.058386	0.18574	0.198494	0.025738	-0.102527	0.183963	0.051024	0.109427	0.022332
Cj0257	dgkA	1	-0.015228	-0.060849	-0.259116	0.095452	-0.308109	0.078883	-0.053194	-0.019463	0.128953	0.074916	-0.003177
Cj0258		1	0.159242	-0.403733	0.123931	-0.358824	0.305679	-1.136379	0.0782	0.024745	-0.645661	-0.038006	0.074642
Cj0259	pyrC	1	0.187768	-0.016979	-0.21927	0.138683	-0.399159	-1.868279	0.210015	0.038998	0.110764	0.168257	0.014212
Cj0260		1	0.1121	-0.006072	0.004322	0.125519	0.110631	-2.264651	0.09126	0.324465	0.192573	0.332278	0.010064
Cj0261		1	0.194717	-0.385337	0.200128	-0.349052	0.268913	-0.480559	-0.132578	0.113567	-0.135745	0.002018	-0.155534
Cj0262		1	-0.117631	-0.050951	-0.122491	0.006334	-0.067636	-0.17397	0.223052	-0.205896	0.007483	0.052555	-0.074912
Cj0263		1	0.330788	-0.096807	0.155231	0.045303	0.215119	-5.227016	-0.270208	0.113034	-0.339345	-0.345564	0.003026
Cj0264		1	0.051859	0.046282	-0.069149	0.262794	0.005184	-6.795859	-3.859352	0.232047	0.277033	-0.114816	-0.120922
Cj0265		1	-0.404878	-0.346665	0.036609	-0.21491	-0.1938	-1.270208	-1.337521	0.127501	0.029135	-0.165208	-0.253429
Cj0266		1	0.113034	-0.043795	-0.181968	-0.031356	-0.034604	-0.148961	-0.03357	-0.029735	-0.034899	-0.011297	0.06695
Cj0267		1	-0.029735	0.031819	-0.055441	-0.097733		-0.171368	-0.25257	-0.374449	-0.065068	-0.011588	-0.109203
Cj0268		1	0.059632	0.012354	-0.006217	0.173383	-0.349235	0.107286	-0.107337	-0.211398	0.118758	0.137372	0.134484
Cj0269		1	0.09842	-0.15441	0.07738	-0.025911	0.019631	0.199248	-0.174296	0.061292	0.05325	0.015926	-0.124534
Cj0270		1	0.135535	0.012068	-0.403542	-0.011443	-0.438307	-0.008392	-0.077193	-0.240759	0.06984	0.064331	0.098554
Cj0271		1	0.016211	0.029983	-0.307037	0.084745	-0.470929	-0.083447	0.048794	-0.402397	0.038577	0.121811	0.005903
Cj0272		1	0.129217	0.234379	0.023184	0.051302	0.11703	-0.076585	-0.064767	0.305795	0.078337	0.11929	0.038998
Cj0273	fabZ	1	0.000433	-0.036822	0.073546	0.00992	-0.182786	0.183074	-0.088807	0.046142	0.005472	-0.110449	-0.02415
Cj0274	lpxA	1	0.157691	-0.081156	-0.083906	-0.336428	-0.25515	-0.120294	-0.147681	-0.095882	-0.522012	-0.119981	0.108892
Cj0275	clpX	1	0.018207	0.059632	-0.288417	-0.165046	-0.107337	-0.159879	-0.003467	-0.402397	-0.069452	-0.029294	-0.071724
Cj0276	mreB	1	0.040121	0.336398	0.139862	-0.517668	0.196481	-0.80869	-0.138759	0.314174	-0.529906	-0.032536	0.092749
Cj0277		1	0.025029	-0.016249	-0.028705	0.126048	-0.128945	0.108759	0.007052	0.026588	0.126048	0.136323	-0.032684
Cj0278		1	-0.053045	0.04684	0.174918	0.004897	0.264476	0.03492	0.1133	-0.021658	0.0397	0.108223	0.202637



Cj0279	1	0.090989	-0.013917	-0.256528	0.146655	-0.35679	0.003746	0.146264	0.006908	0.090718	0.005041	0.056167
Cj0280	1	0.144699	0.028145	0.038155	0.164786	0.176961	0.268315	0.191436	0.290306	0.243425	0.183582	0.119688
Cj0281	1	0.034497	-0.013043	-0.470529	0.092884	-0.684086	0.393526	0.026304	-0.175273	0.337083	0.361544	-0.118257
Cj0282	1	-0.123905	0.035765	0.045443	0.037874	0.186247	0.167486	0.113967	-0.023416	-0.050502	-0.062505	0.122076
Cj0283	1	0.402176	0.641546	0.207268	1.680819	0.418892	1.092816	2.177312	0.231801	1.319676	-1.638007	0.708231
Cj0284	1	0.239642	0.03337	-0.252913	0.163499	-0.198262	0.194591	0.16543	-0.069301	0.179256	0.080658	0.453017
Cj0285	1	0.103128	0.328836	-0.241612	0.060047	-0.39498	0.181421	0.060324	-0.155373	0.124725	0.043204	0.118758
Cj0286	1	0.100305	-0.002888	-0.243489	0.188274	-0.421786	0.178109	0.370834	-0.054392	0.243791	0.245374	0.284633
Cj0287	1	0.345056	-0.053494	-0.485802	0.391878	-0.558517	0.230695	0.415975	-0.253945	0.453017	0.285816	-0.15441
Cj0288	1	0.608904	0.536749	0.131458	0.277628	0.365245	0.018064	0.218967	0.363564	0.218223	0.210389	0.456491
Cj0289	1	0.067776	-0.277709	0.15017	-0.627494	0.181166	-0.130839	-0.102527	0.007196	-0.165046	-0.196277	0.494876
Cj0290	1	0.096667	-0.387978	0.036187	-0.229382	-0.018878	-0.077498	0.077927	-0.092494	-0.214742	-0.039785	0.279055
Cj0291	1	0.036749	-0.048561	0.032383	1.45096	0.318577	-0.262919	-0.165208	0.043204	-0.24708	-0.787866	0.334454
Cj0292	1	0.096532	-0.099742	-0.116223	0.260989	0.058801	0.09356	-0.099587	0.229342	-0.129734	0.064193	0.110764
Cj0293	1	0.189919	-0.430898	0.089227	-0.357899	-0.140348	-0.021951	-0.059044	-0.115129	-0.069149	-0.119824	0.094506
Cj0294	1	0.518031	-0.107337	0.156785	1.13652	0.335255	1.445409	1.58376	-0.058593	0.072037	0.834388	0.56881
Cj0295	1	-0.189516	-0.919752	0.012497	-0.544771	0.341075	-1.769551	0.071763	0.132774	-0.296013	0.072037	-0.059796
Cj0296	1	0.123931	-0.373514	0.194465	0.127765	0.426104	-0.614624	0.098958	0.233765	-0.097888	0.018349	0.228234
Cj0297	1	0.045303	-0.652221	-0.178535	-0.368104	-0.325901	-0.452451	-0.046474	-0.277709	-0.225498	-0.197765	0.3744
Cj0298	1	0.14509	-0.052745	-0.044092	-0.064616	-0.242977	-0.272994	0.183709	-0.113723	-0.070209	-0.192645	0.275603
Cj0299	1	0.09329	-1.383831	-0.029294	0.130536	-0.07309	-2.070967	0.08624	0.074368	-0.086967	0.006334	0.112767
Cj0300	1	0.10165	-1.113411	0.020484	0.421371	0.048655	-2.130365	-0.170881	0.158337	-0.24708	0.08692	0.063089
Cj0301	1	0.095182	-0.786871	-0.367546	-0.090649	-0.239566	-1.079173	-0.171368	-0.037266	0.097341	0.156785	0.028852
Cj0302	1	0.1145	-0.403542	-0.357345	-0.01057	-0.288593	-1.300093	0.128821	-0.294597	0.001154	0.03196	0.063227
Cj0303	1	0.122474	-1.201576	0.133958	0.101247	0.388906	-1.448115	0.076833	0.218223	-0.076889	-0.436549	0.001298
Cj0304	1	0.080112	-0.172506	-0.18705	0.144307	-0.349052	-1.108425	0.079429	0.07382	-0.005927	0.077243	-0.333153
Cj0305	1	0.218595	-0.600337	0.309758	0.4654	-1.743231	-0.792357	0.141302	0.141302	3.144993	0.300417	-1.59031
Cj0306	1	0.179638	-0.056641	-0.372393	-1.547932	-0.763416	-1.329522	0.041383	-0.510868	0.099228	0.095722	-1.774478
Cj0307	1	0.045583	-0.294066	0.27739	-0.328978	0.409472	-0.710992	0.02432	0.178237	-0.971997	-0.112475	-0.131629
Cj0308	1	0.166201	0.22033	0.195852	0.092207	0.495081	0.190046	-0.124063	0.361768	-0.096962	0.1141	-0.158429
Cj0309	1	0.011639	-0.225666	-0.574326	-0.36086	-1.090803	0.012068	-0.115754	-0.929061	-0.242977	-0.137965	-0.161976
Cj0310	1	0.119821	-0.108425	-0.355313	-0.765131	-0.524085	-0.346481	-0.132736	-0.426819	-0.414653	-0.172506	0.045024
Cj0311	1	0.164658	0.004034	0.120219	0.167743	0.379399	0.042084	0.182819	0.249142	0.073957	0.08243	-0.090957
Cj0312	1	0.140255	0.023042	0.192573	0.207018	0.465609	0.225522	0.094912	0.309758	0.039981	0.081612	-0.027675
Cj0313	1	-0.208394	-0.013189	-0.332426	-0.126108	-0.423526	-0.159074	-0.086201	-0.230228	0.051163	0.026588	-0.28736

carB

surE

bioA

pth

Cj0314	lysA	1	-0.065974	-0.245882	-0.237354	-0.296013	0.061845	0.047678	-0.067636	-0.096499	-0.271426	-0.178698	0.089769
Cj0315		1	-0.147202	0.014212	0.221444	0.021764	-0.040527	0.102591	0.204015	0.66102	0.045723	0.0719	0.023894
Cj0316	pheA	1	-0.104697	0.097611	0.334683	-0.289298	0.591201	-0.120137	-0.302582	0.389016	-0.68571	-0.135269	0.134484
Cj0317	hisC	1	-0.348317	-0.491876	-0.209395	-0.192645	-0.452057	-0.030619	-0.571536	-0.082072	-0.161169	-0.140189	-0.124849
Cj0318	flfF	1	-0.029588	-0.237183	-0.065521	-1.418119	0.239154	0.283922	-0.128314	0.044604		-0.215747	0.237074
Cj0319	flfG	1	-0.029441	-0.240759	1.092004	-0.06537	-1.595097	-0.068393	0.030265		-0.424881	0.029559	0.117163
Cj0320	flfH	1	0.016782	0.009204	0.082294	0.186374	0.077927	0.190804	0.163885	0.192194	0.217355	0.116764	-0.091879
Cj0321	dxs	1	-0.248965	-0.379132	-0.255494	-1.504714	-0.653582	-0.665889	-0.603841	-0.32265	2.86922	-0.158751	0.088684
Cj0322	perR	1	0.222557	-0.069906	-0.829306	-0.548776	-1.005493	-0.528448	-0.137489	-1.07036	-0.828537	0.008343	0.152508
Cj0323		1	0.091937	0.033511	0.037031	0.105946	0.028286	0.115033	0.07286	0.08787	0.176706	0.147697	0.028569
Cj0324	ubiE	1	0.011925	0.043484	0.044184	0.494057	0.129481	0.087599	0.377401	0.123666	0.295723	0.030689	-0.403733
Cj0325	xseA	1	0.044044	0.012211	-0.221455	-0.114035	-0.114816	0.0202	-0.112319	-0.042605	-0.041714	0.033229	-0.13622
Cj0326	serC	1	-0.089881	0.013784	-0.564051	0.462995	-0.903738	0.181293	0.50457	-1.040378	0.319271	0.1121	-0.442614
Cj0327		1	0.14965	0.121281	-0.233956	0.09126	-0.040082	0.012211	0.023184	0.420725	-0.030619	0.080794	0.108759
Cj0328		1	0.240742	0.144177	0.044604	0.192068	0.066675	0.178237	0.105008	0.300299	0.126841	0.070115	0.228849
Cj0329		1	0.010064	0.382833	0.096936	1.296957	0.147437		5.547185	-0.024443	1.513541	-0.867489	-0.068846
Cj0330		1	-0.075216	0.221939	0.146003		0.19333	-0.038154	-0.334425	0.024603	0.67726	-0.208561	0.126973
Cj0331		1	0.238909	0.000433	-0.511279	0.097611	-0.419855	0.117961	0.056167	-0.198262	0.068877	0.141825	0.302173
Cj0332		1	0.192952	0.571046	-0.022097	-0.062053	0.079429	0.042504	-0.02034	0.338339	-0.02459	0.057831	0.343578
Cj0333		1	-0.011152	0.241352	0.16337		0.077653	-0.262054	-0.27282	-0.135586	-2.405069	-0.072938	-0.15457
Cj0334	ahpC	1	-0.047368	-0.106715	0.051024	-0.114191	0.293959	0.127369	0.145612	-0.006797	-0.196773	-0.152805	0.085425
Cj0335	flhB	1	0.216486	0.141825	-0.115754	-0.140666	-0.056491	-0.03934	0.251689	0.067501	-0.619271	-0.097888	0.198746
Cj0336		1	0.182184	0.00101	0.310456	0.256407	0.278698	0.183074	0.277271	0.488001	0.27965	0.083928	0.172872
Cj0337		1	-0.086661	-0.254634	-0.0145	-0.248965	-0.400301	-0.01217	0.009204	-0.088807	0.124857	0.000721	0.259664
Cj0338		1	-0.053494	-0.049308	-0.277884	-0.086201	-0.443399	0.138945	0.147046	-0.195451	0.081885	0.237441	0.254836
Cj0339		1	-0.187543	0.024603	-0.361231	-0.008247	-0.571322	0.118227	0.05797	-0.482976	-0.080698	0.006765	0.174534
Cj0340		1	-0.761702	0.76545	0.252052	2.607224	0.42503		-0.191821	0.266157	2.777872	1.130799	0.358396
Cj0341		1	-0.009989	-0.52367	-0.179841	-0.335699	-0.328978	-0.127526	-0.10827	-0.29814	-0.051399	-0.060849	0.222805
Cj0342		1	-0.024883	-0.401635	0.1396	-0.148961	0.282262	-0.053045	0.142348	0.01264	-0.225835	-0.080698	0.280125
Cj0343		1	0.027012	-0.312402	-0.288241	0.020484	-0.468132	0.089363	0.227125	0.015783	-0.18968	0.024178	0.025738
Cj0344		1	0.022474	0.301119	0.275007	0.074916	0.570851	0.064055	-0.088654	0.288299	-0.055291	0.136979	0.118626
Cj0345	trpE	1	-0.009699	-0.345564	-0.207728	-0.223475	-0.186229	0.002739	0.00173	-0.116379	-0.07628	0.033511	0.282973
Cj0346	trpD	1	0.079702	-0.229551	0.110363	-0.977952	0.0942	-0.316708	-0.060247	0.015783	-0.618827	-0.351258	0.257373
Cj0347	trpF	1	0.08243	-0.075368	-0.189187	-0.233786	-0.325178	-0.147681	-0.140826	-0.053943	-0.54372	-0.216921	0.169797
Cj0348	trpB	1	-0.011733	-0.020779	-0.188858	0.071076	-0.139395	-0.078259	-0.268122	0.226509	-0.176251	0.0202	0.038717

Cj0349	trpA	1	-0.002021	-0.095265	-0.175436	-0.349052	-0.213738	-0.226341	-0.236843	-0.109514	-0.25515	-0.157303	0.028993
Cj0350		1	0.050745	-0.141621	-0.298495	-0.458188	-0.415807	-0.312939	-0.171693	-0.271426	-0.279634	-0.163429	0.076012
Cj0351	fljN	1	0.108491	0.038155	-0.751465	0.287118	-1.048711	0.261591	0.464877	-1.21491	0.397693	0.396159	-0.514161
Cj0352		1	0.171079	0.031536	0.241352	-0.010425	0.294665	-0.041417	0.0397	0.387032	0.138421	0.218223	-0.111383
Cj0353		1	0.198368	0.015498	-0.689195	0.048097	-0.816291	0.169925	0.033793	-0.379695	0.222681	0.084064	0.052277
Cj0354		1	0.300534	-0.003756	-0.550254	0.019204	-0.704865	0.180275	0.130008	-0.472529	0.14091	0.177854	0.170566
Cj0355		1	0.279768	0.022332	0.05464	0.208767	0.068877	0.306729	0.177344	0.136585	0.105946	0.272382	0.184471
Cj0356		1	0.310573	0.027437	-0.278059	0.194844	-0.333334	0.188274	0.015069	0.239765	0.146003	0.126312	0.00906
Cj0357		1	0.15782	-0.021951	-0.086661	-0.104077	0.012497	-0.015374	0.038858	-0.044538	0.109561	-0.03771	0.023326
Cj0358		1	0.186374	0.043204	-0.065974	-0.237013	-0.031651	0.041383	-0.138283	-0.165531	-0.448115	-0.310969	0.01564
Cj0359		1	0.066537	-0.214073	0.060739	-0.166017	-0.060247	-0.140507	-0.062053	0.128425	-0.467134	0.041383	-0.076585
Cj0360		1	-0.297786	-0.155052	-0.370154	-0.038006	-0.59837	-0.025471	-0.114191	-0.489848	-0.130208	0.066399	-0.028558
Cj0361	lspA	1	-0.079021	-0.074456	-0.383454	-0.121706	-1.317606	0.103531	-0.037414	-0.667722	-0.139713	-0.148161	-0.091264
Cj0362		1	0.057416	0.028569	-0.559154	0.016924	-0.752194	0.257373	0.171207	-0.754383	0.07738	-0.010425	-0.090803
Cj0363		1	0.15782	0.040682	1.029064	0.244765	0.023468	0.367707	0.257011	2.317072	0.242694	0.082158	0.05325
Cj0364		1	0.169155	0.024745	-0.193965	-0.026793	-0.448312	0.167101	0.041103	-0.060849	0.053945	-0.002599	-0.164238
Cj0365		1	-0.001588	0.003458	-0.820362	0.008487	-1.289122	0.154454	0.10541	-1.39479	0.223793	0.126973	-0.246395
Cj0366		1	0.154324	-0.01217	-1.882039	0.032524	-0.839338	-0.065974	0.088142	-0.908876	0.131063	0.059217	0.141171
Cj0367		1	0.165044	-0.041417	-0.246909	0.599794		0.250719	0.439995	-0.136537	0.54893	0.407842	-0.137965
Cj0368		1	0.223052	0.020769	-0.565759	0.336969	-0.454822	0.203765	0.172231	-0.098969	0.418244	0.364012	0.067501
Cj0369		1	-0.070512	0.044184	0.03956	-0.117318	0.025879	0.041103	-0.096807	0.009777	0.04991	0.060877	-0.04886
Cj0370	rpsU	1	0.131326	-0.410428	-0.031946	-1.467932	-0.009553	-0.211398	0.008917	-0.054242	-0.482775	-0.263785	0.229219
Cj0371		1	0.007339	-0.08024	-0.394221	-0.224992	-0.675074	-0.20141	0.024178	-0.04558	-0.443595	-0.079478	0.211386
Cj0372		1	-0.005203	0.098689	-0.087274	-0.877526	-0.121079	-0.248451	-0.304719	-0.044985	-0.295305	0.006047	-0.029883
Cj0373		1	0.073683	-0.031946	-0.47694	-0.049606	-0.856215	0.096127	-0.026058	-0.758282	0.126709	0.099901	-0.127841
Cj0374		1	-0.119824	-0.006217	-0.824188	0.548141	-0.973979	0.221815	0.450274	-1.352916	0.402722	0.270947	-0.397068
Cj0375		1	0.199248	-0.058142	-0.634419	0.215368	-0.5041	0.173383	0.162597	-0.465938	0.20063	0.220578	0.175812
Cj0376		1	0.244887	0.004322	-0.559579	0.362554	-0.385149	0.259423	0.264717	-0.259634	0.425137	0.364572	0.143002
Cj0377		1	-0.048114	-0.037562	-0.63554	0.243913	-0.880179	0.202637	0.161823	-0.524293	0.334339	0.207018	-0.098969
Cj0378		1	-0.160847	0.076833	-0.887367	0.191057	-0.812232	0.147828	0.243913	-0.774478	0.357045	0.174151	0.1333
Cj0379		1	0.120219	-0.01057	-0.502464	0.420833	-0.683159	0.195474	0.333882	-0.279984	0.456386	0.280006	-0.26067
Cj0380		1	-0.873291	-0.072331	-0.25257	0.324235	-0.433428	0.323197	0.331591	-0.074608	0.450908	0.41792	0.463936
Cj0381		1	-0.680845	-0.388544	-0.464743	-0.056191	-0.976248	0.109427	-0.060548	-0.80768	0.129349	-0.07552	-0.124063
Cj0382		1	-0.270034	0.028711	-0.508198	0.155102	-0.767585	0.187388	0.202512	-0.348133	0.166844	-0.105008	0.108089
Cj0383		1	-0.03003	0.007483	-0.214575	0.048376	0.14091	0.04991	0.084609	0.082158	0.008343	-0.102372	0.142479

Cj0384	1	0.065434	0.408277	-0.199255	0.199248	-0.290356	0.111031	0.186374	0.014927	0.253747	0.1038	0.095587
Cj0385	1	0.03492	-0.298673	-0.023416	-0.11904	0.003458	0.096936	0.026588	0.03196	0.105008	-0.075064	0.255924
Cj0386	1	0.101785	-0.208061	0.190172	-0.710756	0.19497	-0.057542	-0.04707	-0.020926	-0.484994	-0.137807	0.283922
Cj0387	1	0.035624	0.027862	-0.297254	0.019773	-0.504919	0.059355	-0.05125	-0.24366	-0.195286	0.055057	-0.036674
Cj0388	1	-0.000722	0.012354	-0.049457	0.231432	-0.090957	0.075875	-0.187871	0.235114	-0.464345	0.175045	0.062674
Cj0389	1	-0.069452	-0.070663	-0.337339	-0.19512	-0.466138	0.098824	0.02432	-0.452254	-0.191162	0.015498	0.038296
Cj0390	1	0.019061	0.002018	-0.583593	0.201006	-0.823422	0.032947	0.356933	-0.534705	0.412619	0.255803	-0.417155
Cj0391	1	0.014498	-0.068393	-0.085589	0.034638	0.028286	0.083928	0.22848	0.061845	-0.143373	-0.010134	0.097071
Cj0392	1	0.181166	0.015498	0.025596	0.152638	0.118227	0.154713	0.041664	0.225275	-0.024737	0.005759	0.188781
Cj0393	1	-0.056941	0.004609	-0.619271	0.013498	-0.948698	0.204767	0.140779	-0.674383	0.411969	0.169925	-0.422559
Cj0394	1	0.159887	-0.203735	0.046421	-0.131155	0.029276	0.1125	0.263756	-0.013771	0.077927	0.095317	0.148869
Cj0395	1	-1.365128	-1.673923	-0.121235	-0.359194	0.138421	0.050328	0.013784	0.1038	-0.128629	0.104739	-0.534496
Cj0396	1	-0.137013	0.000865	-0.027381	0.066537	0.018064	-0.018293	0.056306	0.205768	0.234379	0.374845	-0.219774
Cj0397	1	0.06571	-0.217256	0.231801	-0.359194	0.303109	-0.019902	-0.187379	0.016782	-0.197269	0.126312	0.112367
Cj0398	1	0.172359	0.072037	-0.408895	0.072312	-0.757794	-0.023123	0.080385	-0.627939	0.174534	0.32239	0.045163
Cj0399	1	0.117562	0.064745	-0.651314	0.459222	-0.695956	0.203765	0.289536	-0.923578	0.384381	0.259664	-0.498586
Cj0400	1	0.131326	0.040542	0.05464	0.128293	0.191942	0.050467	-0.171044	0.314755	0.006908	-0.009844	0.012783
Cj0401	1	-0.096345	0.005472	-0.632853	-0.015374	-0.749281	0.058524	-0.319406	-0.646338	0.095587	0.043764	-0.027528
Cj0402	1	-0.064465	0.022048	-0.802638	-0.022244	-0.901311	-0.185409	-0.962407	-0.866436	0.103531	0.102725	-0.103147
Cj0403	1	0.122209	-0.000144	-0.224317	0.021053	-0.739131	0.060739	0.014498	-0.148481	0.049352	0.132643	0.148609
Cj0404	1	0.197865	-0.02694	-0.107182	0.142871	-0.084517	-0.034899	-0.063108	0.279768	0.245252	0.339822	-0.097425
Cj0405	1	0.06984	-0.507993	-0.315271	-0.228875	-0.235144	-0.042011	-0.19479	-0.398399	-0.228537	0.022474	0.090853
Cj0406	1	0.053389	0.003458	-0.372206	0.002306	-0.695723	0.026446	0.085153	-0.234465	-0.039933	-0.001877	0.10675
Cj0407	1	0.056722	0.031536	-0.075368	0.045862	-0.243831	0.041804	0.017637	-0.126266	-0.027675	-0.088347	0.014927
Cj0408	1	0.144307	-0.01917	0.200755	0.125519	0.099228	-0.146723	-0.098815	0.235114	0.127105	0.020769	0.034216
Cj0409	1	-0.206895	-0.134952	-0.069149	-0.127683	-0.221791	-0.13005	-0.065672	-0.081308	-0.072786	-0.225329	-0.090957
Cj0410	1	-0.02239	-0.003756	-0.03697	-0.148961	0.092613	-0.087733	-0.138124	0.136585	-0.099742	-0.030767	-0.128472
Cj0411	1	0.069702	0.041523	-0.710048	-0.366615	-0.744197	-0.126108	-0.099433	-0.248622	-0.031651	0.003458	-0.391002
Cj0412	1	0.145351	0.260146	0.180784	-0.168123	0.334911	-0.09619	-0.148641	0.40414	0.031536	0.239276	-0.30187
Cj0413	1	-0.102992	-0.000289	0.213752		0.292193	-1.222633	-1.1181	-0.01844		-2.221623	-0.374636
Cj0414	1	0.082158	0.052972	-0.940922	-0.309896	-1.013917	-0.046474	0.017494	-1.03771	0.088684	-0.081308	-0.269164
Cj0415	1	0.154324	0.035624	-0.185901	-0.065068	-0.234126	-0.017125	0.072037	0.066261	0.056722	-0.074152	-0.28279
Cj0416	1	0.104202	0.40806	0.242572	-0.159718	0.317999	-0.523048	-0.350706	0.333996	-0.105628	-0.035343	-0.127053
Cj0417	1	0.17479	-0.018878	-0.533034	-0.027234	-0.784632	-0.10036	-0.157785	-1.108114	0.158596	0.073957	-0.269164
Cj0418	1	0.116764	0.02772	-0.711464	0.154324	-1.221623	-0.243831	0.061016	-0.77769	0.302173	0.196733	-0.083294

Cj0419	1	0.211137	0.031254	-0.611314	0.333195	-1.308287	0.289952	0.30229	-0.619049	0.285106	0.254836	0.03984
Cj0420	1	0.042084	0.359184	0.256286	0.108759	0.366924	0.117562	0.082566	0.423632	0.185613	0.204266	0.100709
Cj0421	1	-0.183441	-0.233956	0.172872	-0.122491	0.127105	0.020484	0.001154	0.016639	0.089498	0.072723	-0.001732
Cj0422	1	-0.46037	-0.688032	0.036468	-0.098969	0.04698	-0.399921	0.065021	0.022474	0.141956	0.139862	0.047259
Cj0423	1	-1.212568	-1.26986	-0.098351	-0.056041	-0.175273	-2.716908	-0.081308	0.112233	0.007626	-0.028263	0.257373
Cj0424	1	-1.438698	-0.182786	0.094641	0.11023	0.27965	-2.726424	-0.04707	0.370164	0.124063	0.083111	-0.021804
Cj0425	1	-0.41677	-0.057692	-0.282439	-0.110293	-0.691523	-0.22803	0.01078	-0.537424	0.026588	0.059217	-0.002599
Cj0426	1	-0.200084	-0.073241	-0.125951	-0.037562	-0.251367	-0.21927	0.138028	-0.072179	0.010493	-0.050353	0.230695
Cj0427	1	0.042364	-0.017855	-0.613299	0.299714	-0.801129	-0.104387	0.303225	-0.97568	0.274053	0.126973	-0.56192
Cj0428	1	-0.078716	0.23585	0.278342	0.044324	0.422448	-0.166827	-0.117318	0.467801	-0.022537	0.00906	0.336512
Cj0429	1	-0.039488	0.207018	-0.355498	-0.032536	-0.698764	0.06226	-0.10827	-0.178045	0.105946	0.048655	0.017637
Cj0430	1	-0.082377	0.410884	-0.072483	-0.100051	0.006908	0.037734	-0.120765	0.064883	0.132774	0.131985	0.228973
Cj0431	1	-0.047666	0.193078	-0.184425	0.062398	0.025596	0.107956	-0.050353	0.112767	-0.089114	0.025029	0.446256
Cj0432	1	0.324235	0.295958	0.120617	0.136979	0.309525	0.088142	0.089769	0.324811	0.226632	0.245009	0.606537
Cj0433	1	0.200504	-0.047219	-0.613741	-0.04216	-0.835986	0.039981	0.229834	-0.874613	0.300182	0.349479	0.158854
Cj0434	1	0.057277	-0.02459	-0.111695	-0.2624	-0.313477	-0.128629	0.178747	-0.203236	-0.109359	-0.06356	0.136454
Cj0435	1	-0.115441	0.059909	-0.414461	-0.097579	-0.319946	-0.215245	-0.297254	-0.21927	-0.122805	-0.010716	0.096802
Cj0436	1	0.047957	0.132906	0.022332	0.00317	0.390448	-0.242806	-0.439285	0.198997	-0.227692	-0.055142	0.172231
Cj0437	1	0.004322	-0.162299	-0.110137	-0.576691	-0.278584	-0.237183	-0.133685	-0.376882	-0.184916	-0.331518	0.20989
Cj0438	1	0.028286	0.043345	-0.271601	-0.246738	-0.197931	0.033652	0.136323	-0.161492	-0.167637	-0.150721	0.194465
Cj0439	1	0.072037	-0.044241	-0.13733	0.023894	0.057138	-0.053344	0.078337	-0.005203	-0.108581	0.079566	0.101381
Cj0440	1	0.393746	0.241108	-0.106249	0.174279	0.128953	-0.018732	-0.036674	0.282618	0.28404	0.359071	0.095317
Cj0441	1	0.174406	-0.129576	-0.202572	-0.309181	0.040822	-0.046474	-0.012315	0.00777	0.01035	0.005184	0.268315
Cj0442	1	0.027862	-0.049457	-0.283141	0.013069	-0.905629	-0.084823	0.278936	-0.907522	0.095452	0.015926	-0.217088
Cj0443	1	0.004753	0.018492	-0.060397	0.029135	-0.010861	-0.037858	-0.093263	0.071076	-0.139554	-0.037858	0.182819
Cj0444	1	-0.000866	0.370945	0.057831	0.20389	-0.012606	-0.131629	-0.380258	0.12499	-0.023563	-0.053793	0.14991
Cj0445	1	0.030548	-0.038154	-0.222465	-0.196773	-0.34795	0.03083	-0.434403	-0.190174	-0.024883	-0.100979	0.112367
Cj0446	1	-0.02841	0.05464	-0.255494	-0.005638	-0.604718	-0.287712	-0.314374	-0.330066	-0.023123	-0.09234	0.085425
Cj0447	1	0.143524	-0.105473	0.110631	-0.060247	0.221073	-0.02415	0.034779	0.148999	-0.277184	-0.156338	0.073272
Cj0448	1	0.094371	0.004178	-0.219774	0.210638	-0.127683	0.071351	-0.063108	0.114234	0.163628	0.166073	0.055612
Cj0449	1	0.123136	-0.014208	-0.407555	-0.038599	-0.27282	0.159112	-0.02034	-0.062053	0.143263	0.145743	0.148479
Cj0450	1	0.146003	0.01078	-0.497568	-0.07552	-0.748554	-0.021658	0.145351	-0.437916	0.04712	0.090853	0.141694
Cj0451	1	0.105946	0.046282	-0.275088	0.090853	-0.496957	-0.03416	0.215119	-0.185901	0.160017	0.081885	0.139077
Cj0452	1	0.001298	-0.071421	0.10916	-0.114816	0.076149	-0.070209	-0.091879	0.33182	-0.057091	-0.064163	-0.181149
Cj0453	1	-0.116066	-0.045134	-0.644307	-0.477944	-0.388922	-0.08253	-0.083294	-0.321928	-0.165531	-0.147202	-0.197269

Cj0454	1	0.051442	0.025029	-0.670475	-0.129734	-0.94675	-0.064767	0.069427	-0.42082	0.12618	0.094371	-0.048114
Cj0455	1	0.201132	0.054362	-0.242635	0.073135	-0.169582	-0.028999	-0.06115	-0.018293	0.070801	0.206643	-0.032684
Cj0456	1	0.242206	-0.025324	-0.315092	0.273098	-0.166503	0.095722	0.021622	0.24732	0.266637	0.230572	-0.14003
Cj0457	1	0.037031	-0.010134	0.156138	-0.081461	0.194717	0.096127	-0.228199	0.062674	-0.164884	-0.06115	-0.013189
Cj0458	1	0.18574	-0.103147	-0.253085	-0.017271	-0.066276	-0.049606	0.0782	-0.042011	-0.003467	-0.016541	0.109026
Cj0459	1	0.237808	0.024745	-0.526577	0.279055	-1.007812	0.310805	0.240498	-0.53931	0.262433	0.207768	-0.040378
Cj0460	1	0.172872	0.031819	0.075738	0.370276	-0.084211	0.35727	0.235972	0.135666	0.415218	0.211261	-0.18295
Cj0461	1	-0.058593	0.046142	-0.585107	0.23131	-1.207228	0.146786	0.193709	-0.839596	0.346531	0.178109	-0.293182
Cj0462	1	-0.204732	0.038858	-0.543299	-0.110604	-0.811726	-0.019902	0.087599	-0.718806	-0.034751	-0.089728	-0.344099
Cj0463	1	-0.007087	0.041243	-0.512719	0.016639	-0.828281	-0.08253	0.1995	-0.711228	0.1503	0.164529	-0.171856
Cj0464	1	0.028711	0.005616	0.008057	0.388796	-0.169258	-0.053643	0.361656	0.062122	0.35558	0.220578	-0.270382
Cj0465	1	0.032665	-0.427983	0.025879	-0.190668	-0.281912	0.034497	-0.202572	0.030265	-0.127053	0.060739	-0.060999
Cj0466	1	0.06984	0.050606	0.032524	-0.100979	-0.176577	0.092749	0.239154	-0.10827	0.02361	0.033652	0.025879
Cj0467	1	0.166844	0.046561	-0.304541	0.184344	-0.782397	0.14104	0.065986	-0.53366	0.15056	0.27011	0.140386
Cj0468	1	0.127105	0.063227	0.278698	0.122606	0.373286	0.06929	-0.07127	0.234747	0.070389	0.080248	0.026588
Cj0469	1	-0.067183	0.021195	-0.322265	0.028993	-0.80138	0.192699	-0.014791	-0.773245	0.117695	0.115433	-0.111072
Cj0470	1	-0.124692	-0.086354	-0.101598	0.153805	-0.267948	0.098824	0.233152	-0.134635	0.212134	-0.009263	0.141564
Cj0471	1	0.194591	0.017922	-0.43012	0.532267	-0.706041	0.279887	0.482229	-0.703454	0.413161	0.244035	-0.574756
Cj0472	1	-0.156177	0.399116	0.40969	0.187894	0.302524	-0.046325	-0.096962	0.40523	0.10165	-0.018147	0.295253
Cj0473	1	0.024462	0.114367	-0.178208	0.130536	-0.268643	0.245374	0.073409	-0.359934	0.123799	0.008057	0.063917
Cj0474	1	-0.024737	0.067226	-0.494516	0.113034	-0.847103	0.137372	0.196103	-0.465739	0.108892	0.031113	0.275484
Cj0475	1	0.157044	0.034216	-0.211565	0.116232	-0.056491	0.09004	0.071625	0.1125	-0.011297	0.009204	0.396269
Cj0476	1	0.06695	-0.010861	-0.384772	0.218471	-0.401254	0.089769	0.092884	-0.540988	0.227618	0.161178	0.05797
Cj0477	1	-0.189351	0.000865	-0.554909	-0.044985	-1.190009	-0.091725	-0.12422	-1.185409	0.070389	0.088956	-0.12658
Cj0478	1	-0.102837	0.055612	-0.200415	0.009347	-0.303294	0.03196	0.151989	-0.178535	0.098958	0.123401	0.167872
Cj0479	1	0.011496	0.039981	-0.08024	0.050745	-0.070815	-0.006217	0.215741	-0.128472	-0.013625	0.013355	-0.081156
Cj0480	1	-1.8847	-1.11904	0.222186	0.087734	0.393965	-3.412731	-0.079021	0.354226	0.156785	0.083247	-0.010134
Cj0481	1	-2.870915	-1.949533	-0.375946	-0.317786	-0.604937	-3.627716	0.019346	-0.529697	0.089769	0.001874	-0.070815
Cj0482	1	-2.84996	-0.830588	-0.589225	0.009347	-0.918388	-3.414268	0.210514	-0.971148	0.080658	0.037453	-0.303828
Cj0483	1	-3.899695	-0.620601	-0.65449	0.417704	-0.89084	-5.608232	0.488926	-1.527824	0.19131	0.081885	-0.715012
Cj0484	1	-3.836501	-1.96917	-0.460767	0.288654	-0.644082	-7.20025	0.051859	-0.551099	0.258338	0.212756	-0.064616
Cj0485	1	-3.698998	-2.848921	-0.110293	-0.408512	-0.174784	-6.20025	-0.067183	-0.157625	-0.039192	-0.064012	0.061707
Cj0486	1	-4.013917	-2.68687	-0.182131	-0.294066	-0.215747	-7.310432	-0.232769	-0.141939	-0.221623	-0.182786	-0.021658
Cj0487	1	-2.490862	-1.205896	-0.459576	-0.029588	-0.592267	-3.120294	-0.347766	-0.438503	0.017922	0.038858	-0.048711
Cj0488	1	-1.064012	-2.049905	0.099632	-0.194625	0.190299	-2.317606	-0.409661	0.259785	0.070939	-0.02459	-0.054392

Cj0489	ald'	1	-3.307573	-2.703689	-0.071421	-0.824955	-0.271078	-5.316169	-0.661091	-0.101134	-0.443203	-0.378757	0.109561
Cj0490	ald'	1	-2.626825	-2.187707	0.075601	-0.378194	-0.04023	-3.785875	-0.36086	-0.040675	-0.334971	-0.272123	0.210139
Cj0491	rpsL	1	-0.300271	-0.239907	-0.022537	0.148479	-0.113099	-0.227692	-0.115129	0.061292	-0.179515	-0.035195	0.29678
Cj0492	rpsG	1	-0.192975	0.127501	-0.003611	0.107152	-0.053793	-0.174459	-0.370527	0.202637	-0.139871	-0.223643	-0.028558
Cj0493	fusA	1	0.011209	-0.054093	-0.514161	0.096667	-0.592919	0.107152	0.157949	-0.474132	0.244644	0.101516	-0.358824
Cj0494		1	-0.062656	0.037874	-0.726186	-0.025324	-1.03771	0.16092	0.144699	-1.059194	0.043345	-0.013917	-0.245369
Cj0495		1	-0.006072	-0.378007	0.2587	0.441271	0.441271	-0.273343	0.249142	-1.663374	-1.147202	0.161694	
Cj0496		1	0.090176	0.00389	-0.39138	0.146395	-0.386846	0.218967	0.118626	-0.164399	0.259062	0.158466	-0.245198
Cj0497		1	0.045163	-0.009699	-0.748069	0.205267	-0.853605	-0.071573	0.357158	-0.847622	0.308361	0.319849	-0.236843
Cj0498	trpC	1	0.023468	0.028569	-0.521805	-0.098815	-0.865122	-0.690824	0.043484	-0.609552	0.004897	-0.025764	-0.328616
Cj0499		1	-0.139713	-0.236164	0.15095	-0.109359	0.028993	-0.757306	-0.025618	0.214	-0.197931	-0.283316	-0.019755
Cj0500		1	-0.010716	0.048097	-0.450873	0.381173	-0.597278	-0.485398	0.227741	-0.452254	0.282025	0.272859	-0.219102
Cj0501		1	-2.175273	-1.913216	-0.570893	-0.542668	-0.296722	-0.358824	-0.446541	-0.215915	-0.211398	-0.89084	-0.398589
Cj0502		1	-0.53575	0.037734	-0.664974	0.145221	-0.796862	0.024745	0.277033	-0.888434	0.358284	0.051024	-0.564691
Cj0503		1	0.005472	-0.092278	-0.041863	0.159629	-0.368663	0.122474	0.148869	-0.142576	0.025312	0.011353	0.120617
Cj0504		1	0.058801	0.018777	-0.307216	0.196859	-0.322289	0.135141	-0.023856	-0.180986	0.220206	0.095857	-0.160847
Cj0505		1	-0.302938	0.004753	-0.196608	-0.035934	-0.254117	-0.042754	0.079429	-0.235144	0.127237	-0.100051	-0.176577
Cj0506	alaS	1	-0.081308	0.05894	-0.562346	-0.108736	-0.635988	0.129217	0.054501	-0.621266	-0.072028	-0.239736	-0.347215
Cj0507	maf	1	0.0297	-0.102372	0.078746	-0.049905	-0.035934	0.170951	0.138683	0.179766	-0.025911	-0.020633	0.016211
Cj0508	pbpA	1	0.01407	-0.003322	0.264596	0.225028	0.375623	0.251325	0.091531	0.348346	0.113434	0.140517	-0.038154
Cj0509		1	-0.161331	-0.038747	-0.081614	-0.207894	-0.165531	0.06571	-0.164399	-0.115441	0.001154	-0.032241	-0.241782
Cj0510		1	0.016354	0.07902	-0.776207	0.061569	-0.845287	0.052416	-0.000722	-0.506968	0.120219	0.129349	-0.039044
Cj0511		1	0.029418	0.00619	0.034357	0.151469	-0.0613	0.223299	0.054223	0.157432	0.093425	0.112367	0.038717
Cj0512	purC	1	0.026729	0.153805	0.133564	0.058109	0.22132	-0.184752	0.034779	0.322274	0.160017	0.148218	-0.048561
Cj0513		1	-0.086507	-0.324455	-0.004479	-0.470129	-0.02503	-0.197104	-0.239396	-0.020048	-0.265345	-0.031209	-0.169745
Cj0514	purQ	1	0.005184	-0.009263	-0.300981	-0.015666	-0.307216	0.102591	0.137897	-0.155213	0.098554	0.040121	-0.207394
Cj0515		1	0.090176	-0.032979	0.169284	0.018207	0.330903	0.050328	-0.013043	0.197362	0.025312	0.051998	-0.040378
Cj0516	plsC	1	-0.221455	0.219463	0.195348	0.193204	0.355355	-0.015958	0.048794	0.280244	-0.007087	0.081476	-0.059946
Cj0517	crcB	1	0.009204	0.017922	-0.460965	0.056029	-0.826489	0.315798	0.142609	-0.729053	0.279531	0.282499	-0.147042
Cj0518	htpG	1	-0.142736	0.055751	0.028145	0.057138	0.091531	0.079293	0.269751	0.020627	0.021906	0.123401	-0.098351
Cj0519		1	0.080521	0.152119	-0.004624	-0.04216	0.089905	-0.025618	-0.055142	0.20201	-0.084211	-0.01844	0.106348
Cj0520		1	0.125254	0.191942	0.211137	0.051581	0.53446	-0.041417	-0.004479	0.422341	0.016496	-0.018001	0.134089
Cj0521		1	0.006908	0.221073	-0.302404	-0.188365	-0.422946	0.134615	0.019631	-0.29885	0.09004	0.044464	-0.121863
Cj0522		1	-0.099742	0.09842	-0.221455	-0.107959	-0.188858	-0.033865	0.128821	-0.026499	-0.022537	-0.031651	0.162597
Cj0523		1	0.074094	0.000433	-0.203402	-0.010716	-0.01552	-0.020194	0.110631	0.088413	0.053111	0.118626	0.153805

Cj0524	1	0.167229	0.484808	0.268315	-0.056041	0.668482	0.104068	-0.004624	0.44297	0.15004	0.12618	0.344147
Cj0525	1	-0.070663	0.023326	-0.227523	0.032242	-0.497568	0.228849	-0.015228	-0.139871	0.033229	0.023752	-0.08804
Cj0526	1	-0.150241	-0.045729	0.016211	-0.049308	0.208392	0.0782	0.031254	0.076696	0.01078	0.044604	-0.031356
Cj0527	1	0.015355	0.042644	-0.251024	0.087734	-0.202572	0.095992	0.065159	-0.009699	0.153935	0.088684	-0.111383
Cj0528	1	0.041944	0.557189	0.338795	-0.028999	0.534161	-0.188858	-0.174133	0.500802	0.286408	0.14978	-0.304541
Cj0529	1	0.115832	-0.048114	-0.218934	0.015212	-0.321567	0.098554	0.10916	-0.318326	0.287354	0.242572	0.040682
Cj0530	1	0.000433	-0.007522	-0.22095	-0.108892	-0.131945	-0.177066	0.032806	-0.081461	-0.115285	-0.009699	0.229957
Cj0531	1	-0.193965	-0.024737	-0.172181	-0.144808	0.082294	-0.117944	-0.147362	0.061707	-0.217424	-0.085282	0.020342
Cj0532	1	0.1149	-0.013625	-0.236333	0.15782	-0.345015	0.043624	-0.096345	-0.070058	0.042084	-0.039785	-0.171693
Cj0533	1	-0.088807	-0.043943	-0.165531	-0.137013	-0.412347	0.00619	0.168	-0.624822	0.10742	0.066675	-0.345198
Cj0534	1	-0.112631	-0.011879	-0.356421	-0.208561	-0.597278	-0.034013	0.000721	-0.437721	-0.188858	-0.261016	-0.068544
Cj0535	1	-0.173645	-0.061752	-0.174459	-0.055591	-0.196277	0.007339	-0.016103	-0.167799	-0.30276	-0.221119	0.003026
Cj0536	1	-0.187871	0.011353	-0.591397	-0.017563	-0.303294	0.115965	0.002595	-0.222296	0.059355	0.023752	-0.479351
Cj0537	1	-0.128156	-0.151042	-0.589876	-0.698295	-0.742265	-0.084058	-0.234635	-0.56043	-0.204732	-0.248965	-0.109514
Cj0538	1	-0.059495	-0.004045	-0.140507	-0.260152	-0.353837	-0.034013	0.108089	-0.252226	-0.001155	-0.079021	-0.208228
Cj0539	1	-0.027528	-0.029735	0.038015	-0.03003	-0.127999	-0.003322	-0.087427	0.081476	-0.204233	0.032383	0.114234
Cj0540	1	0.072312	0.374733	0.120086	0.204892	0.099228	0.030689	-0.341172	0.163628	-0.053943	0.068877	0.089227
Cj0541	1	-0.051848	-0.030767	-0.626825	-0.176577	-0.984502	0.042084	-0.090035	-0.571107	0.019204	0.028428	-0.434598
Cj0542	1	-0.066276	0.023042	-0.689893	-0.171856	-1.14401	-0.056941	-0.057992	-1.111851	-0.091418	-0.033865	-0.317606
Cj0543	1	-0.032389	0.034216	-0.014645	-0.318146	-0.16942	-0.181149	-0.148481	-0.104697	-0.321567	-0.151042	-0.124849
Cj0544	1	0.090989	0.010923	-0.216921	0.165815	-0.19281	0.227618	0.170822	-0.009408	0.157044	0.164786	-0.441047
Cj0545	1	-0.032979	-0.234465	-0.003756	-0.480357	0.212134	-0.181313	-0.198427	0.023894	-0.478346	-0.210563	-0.052596
Cj0546	1	0.130799	-0.064012	0.069977	-0.226004	-0.015228	-0.063861	-0.120765	-0.034604	-0.150241	-0.062957	0.015355
Cj0547	1	0.005616	-0.020779	-0.366057	-0.003177	-0.510457	0.08093	0.144699	-0.392516	-0.060999	-0.112007	-0.148961
Cj0548	1	-0.07963	0.032947	0.185867	0.00863	-0.043795	-0.043943	-0.124534	0.404903	-0.011443	0.018349	-0.349052
Cj0549	1	0.03956	-0.372206	-0.146084	-0.304541	0.063641	-0.019609	-0.181149	0.025029	-0.301693	0.023468	0.080385
Cj0550	1	-0.1181	-0.033717	0.214249	-0.326986	0.085833	-0.099124	0.053806	0.029559	-0.266559	-0.077954	0.063089
Cj0551	1	0.152508	0.032947	0.130931	0.107554	0.152119	-0.000577	0.188021	0.162855	-0.138124	-0.027087	0.235605
Cj0552	1	0.202637	0.05894	0.231924	0.017352	0.283092	-0.086661	-0.123277	0.411426	-0.11951	-0.053194	-0.025324
Cj0553	1	-0.089421	0.00245	-0.544561	0.280125	-0.913216	0.147307	0.145221	-0.816545	0.304628	0.134747	-0.341537
Cj0554	1	-0.038451	0.037312	-0.21927	-0.118884	-0.005638	0.028993	-0.04439	-0.009844	-0.094341	0.026446	-0.098351
Cj0555	1	0.119954	0.023184	-0.431871	-0.069452	-0.788614	-0.04558	-0.088347	-0.375946	-0.012461	-0.000866	-0.225329
Cj0556	1	0.056167	0.210015	0.277866	0.144699	0.339708	-0.050652	-0.039785	0.329296	0.149389	0.115033	-0.137648
Cj0557	1	-0.002166	0.030972	-0.121549	0.079429	-0.334971	0.146655	-0.202572	-0.14401	0.227371	0.037171	-0.296899
Cj0558	1	0.004178	-0.001155	-0.019024	-0.056791	-0.11591	-0.057392	-0.020048	0.005903	-0.038154	-0.122491	0.070115



Cj0559	1	0.051024	0.044464	-0.249308	-0.007812	-0.38289	0.054501	0.129745	-0.208394	-0.020048	-0.023416	-0.060397
Cj0560	1	-0.047219	0.210638	0.216113	-0.09619	0.354001	-0.048711	-0.09111	0.309409	0.088413	0.060462	-0.313836
Cj0561	1	-0.123434	-0.142417	0.104605	-0.105008	-0.009699	0.147176	-0.14178	0.036749	0.073135	0.028993	-0.160363
Cj0562	1	-0.056641	0.037031	-0.253601	-0.217927	-0.62371	-0.025618	0.108892	-0.157303	-0.076432	0.002162	-0.182131
Cj0563	1	0.047399	-0.020194	0.078473	0.083247	0.042644	0.028145	0.195096	0.289362	0.165558	0.058109	-0.051549
Cj0564	1	-1.043646	-0.079935	0.32987	-0.001732	0.671927	-1.001155	-0.214742	0.322966	-0.016687	0.00906	-0.055891
Cj0565	1	-1.842698	-0.714539	-0.068241	0.053667	-0.302048	-1.879383	-0.059645	-0.192315	0.210638	0.058247	-0.065521
Cj0566	1	-2.15457	-1.966912	0.08243	0.144699	-0.382325	-3.988504	0.238542	0.006621	0.226015	0.316146	0.15069
Cj0567	1	-1.936221	-1.520769	0.127369	0.082839	0.110096	-3.099124	0.197111	0.195096	0.08243	0.138814	0.222681
Cj0568	1	-2.08804	-1.877791	0.140386	0.185232	0.182946	-3.270904	0.228111	0.395721	0.147307	0.104739	0.298424
Cj0569	1	-1.565759	-1.048711	-0.038451	0.007913	0.105544	-2.267427	0.138159	0.021338	0.045443	0.053945	0.07286
Cj0570	1	0.019346	0.550408	0.061984	-2.910502	0.313594	-0.087427	-0.357345	0.152897	-0.785378	-0.147042	0.420078
Cj0571	1	0.143916	0.008917	-0.042457	0.192699	0.017922	0.22231	0.129745	0.206018	0.096802	0.016496	0.152768
Cj0572	1	0.043904	0.043064	0.044184	0.153157	0.057277	0.142479	0.099228	0.320889	0.080521	0.106348	0.351741
Cj0573	1	-0.140507	-0.02327	-0.233278	-0.230567	-0.303116	-0.018586	-0.067032	-0.386468	-0.246909	-0.131471	-0.145286
Cj0574	1	-0.28279	-0.242465	0.10017	-0.212233	0.211511	-0.111695	-0.133685	0.064883	-0.213404	-0.150241	0.173767
Cj0575	1	0.109026	0.076422	0.090311	0.012068	0.198997	0.076149	0.046701	0.205518	-0.00419	-0.040675	0.1333
Cj0576	1	0.153676	0.200253	0.269632	0.063917	0.218719	-0.04216	-0.019902	0.358171	-0.04886	-0.098969	0.13606
Cj0577	1	-0.095882	-0.407364	0.159371	-0.919206	0.474981	-0.159396	-0.045134	-0.058443	-0.116066	-0.185409	0.385265
Cj0578	1	0.189287	-0.052745	0.063365	-0.183769	0.165687	-0.005782	0.054362	-0.024296	-0.040378	0.069152	0.382501
Cj0579	1	0.179893	0.01407	0.143132	0.091124	0.226632	0.238053	-0.019463	0.108223	0.021906	0.239031	0.160146
Cj0580	1	0.094912	0.289126	0.159112	0.064193	0.379288	-0.020194	-0.279109	0.17645	-0.179351	0.030689	0.080658
Cj0581	1	0.194087	-0.340623	0.212756	-1.070967	0.154194	-0.832899	-0.770289	0.009347	-0.70557	-0.93071	0.389016
Cj0582	1	-0.005203	0.036749	-0.735524	-0.311148	-0.636436	-0.286832	-0.199587	-0.293182	-0.281386	-0.245882	0.26123
Cj0583	1	0.137766	0.025171	-0.318506	0.058801	-0.180495	-0.069452	0.059078	-0.050801	-0.02239	0.142087	0.094506
Cj0584	1	-0.024883	0.53655	0.305912		0.518636	0.795684	0.28948	0.40806	0.934705	3.445462	0.212134
Cj0585	1	-0.077802	-0.292475	-0.343	-0.627048	0.029842	-0.320666	-0.116536	-0.338798	-0.294951	-0.286832	0.187008
Cj0586	1	-0.196277	-0.01552	-0.307394	-0.33971	-0.542879	-0.236333	0.099497	-0.544771	-0.353653	-0.114504	-0.304541
Cj0587	1	0.119024	-0.001877	-0.45799	-0.024883	-0.283492	-0.091879	-0.00101	-0.283141	-0.016249	0.316725	-0.074912
Cj0588	1	0.176067	0.326767	0.337768	-0.21491	0.103665	-0.09234	-0.419083	0.092613	-0.050951	0.210888	-0.39498
Cj0589	1	0.046282	-0.032094	-0.121706	-0.590528	-0.021072	-0.508198	-0.640029	0.019061	-0.303294	-0.224823	0.085968
Cj0590	1	0.004753	-0.06115	0.208892	0.961401	0.492007	1.749491	1.108089	0.033934	1.456964	0.342213	0.260748
Cj0591	1	-0.240418	-0.232769	0.258338		-0.046474		-0.810966	0.252779		-0.186393	0.646255
Cj0592	1	0.127633	0.194465	0.297015	1.877037	0.545968		-0.923578	0.351628	0.149129	-0.429926	-0.021658
Cj0593	1	-0.025324	0.035624	-0.296899	-0.089267	-0.226848	0.123004	-0.04707	-0.165208	0.023894	0.127369	0.133037

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Cj0594	1	-0.084058	-0.010134	-0.615729	0.003746	-0.816291	0.007052	0.188401	-0.76783	0.071076	0.108892	-0.198096
Cj0595	1	-0.091571	-0.252226	0.27274	0.091666	0.514501	0.074094	0.002018	0.285698	-0.11904	0.130536	0.084745
Cj0596	1	0.011925	-0.009844	-0.096962	0.137897	-0.315092	0.115965	-0.090649	0.14496	0.074505	0.046142	-0.140985
Cj0597	1	-0.005348	-0.501034	0.153935	-2.337886	0.184471	-0.277359	-0.165046	-0.008392	-0.427401	-0.500218	0.111966
Cj0598	1	0.19774	0.0397	-0.658356	-0.032979	-0.990509	-0.019902	0.1995	-0.911858	0.009204	0.255078	-0.332426
Cj0599	1	0.14274	0.067363	-0.433039	0.041383	-0.458981	0.044324	0.135009	-0.558729	0.02432	0.148869	-0.214408
Cj0600	1	0.161565	0.011782	-0.03416	0.260026	0.101919	0.114234	0.126444	0.362891	0.193835	0.129613	-0.271078
Cj0601	1	0.047678	0.054918	-0.484792	0.101516	-0.727141	0.29772	0.176195	-0.560856	0.277747	0.27011	-0.148161
Cj0602	1	-0.020633	0.007196	-0.661547	-0.234126	-0.860923	0.114367	0.039279	-0.419855	0.025879	-0.02694	-0.24366
Cj0603	1	0.068602	0.389347	0.392977	1.452595	0.516721		1.4067	0.267835		-0.233108	0.459432
Cj0604	1	0.187134	0.028286	0.079566	0.169412	-0.180332	0.205893	0.085289	-0.127053	0.238298	0.122871	-0.074001
Cj0605	1	-0.239396	-0.003033	-0.111695	-0.381949	-0.147362	-0.064616	-0.495736	-0.192975	-0.422366	-0.299028	-0.197269
Cj0606	1	0.237931	-0.032684	-0.962407	0.426426	-1.175599	0.302056	0.477056	-1.577336	0.388796	0.395282	-0.585107
Cj0607	1	-0.069755	0.004753	-0.654449	0.094912	-1.055291	0.046282	0.094506	-0.943139	0.164658	0.107018	-0.094803
Cj0608	1	-0.029441	0.02219	0.120883	0.123931	0.232538	0.105276	0.079702	0.252416	0.089363	0.015498	-0.132736
Cj0609	1	-0.036674	0.041664	-0.560217	-0.184916	-1.250852	0.01264	-0.07628	-0.576045	-0.08253	-0.091264	-0.292829
Cj0610	1	0.178109	0.072174	-0.735764	0.256648	-1.187379	0.154065	0.392647	-1.022097	0.272979	0.223423	-0.274215
Cj0611	1	0.203514	0.057831	-0.516429	0.247563	-1.134794	0.051442	0.188274	-0.949812	0.127633	-0.041269	-0.182295
Cj0612	1	0.108759	0.169797	0.299245	0.08243	0.586212	-0.009263	-0.188858	0.489851	0.021053	-0.079326	-0.224654
Cj0613	1	0.026163	0.010064	-1.009553	-0.314374	-1.398589	0.138028	-0.261189	-1.2567	0.018064	-0.003611	-0.621488
Cj0614	1	-0.393274	-0.032241	-0.680151	-0.024443	-0.983932	-0.007087	0.167743	-0.982506	-0.039785	-0.099742	-0.265345
Cj0615	1	-0.017417	-0.007232	-0.700873	-0.004479	-0.693854	0.078473	-0.060548	-1.132894	0.204516	-0.141303	-0.242123
Cj0616	1	-0.065823	0.008774	-0.495125	-0.021365	-0.553638	0.124196	-0.122334	-0.440263	0.234624	-0.361973	-0.146883
Cj0617	1	-1.001732	0.017209	-0.316528	-0.284897	-0.521183	0.118891	-0.21424	-0.19909	-0.109048	-0.32916	-0.24554
Cj0618	1	-0.724278	0.045583	-0.147042	0.042504	-0.351443	0.204391	0.157044	-0.027969	0.07738	0.005472	0.210888
Cj0619	1	0.039419	0.032383	-0.342269	0.083928	-0.482573	-0.012024	0.031113	-0.302582	-0.038747	-0.157464	-0.085895
Cj0620	1	0.008774	0.62293	0.210389	-0.077193	0.436162	-0.145286	-0.224823	0.353888	-0.312044	-0.066427	0.127765
Cj0621	1	-0.116692	0.056306	-1.061601	0.026304	-1.270556	0.069427	0.085289	-1.70557	-0.493703	-0.069906	-0.267253
Cj0622	1	-0.086814	0.035061	-0.554485	0.167229	-1.293713	0.220206	0.299362	-1.022683	0.146655	0.062674	-0.36736
Cj0623	1	0.066399	0.002162	-0.797864	0.380064	-0.919752	0.129085	0.394843	-0.949812	0.115832	0.217231	-0.491267
Cj0624	1	-0.075064	0.231924	-0.113723	0.066124	-0.168609	0.066261	-0.02415	-0.011588	-0.072634	-0.098969	0.071351
Cj0625	1	-0.040378	-0.055291	-0.587923	-0.296722	-0.611976	0.004465	0.161565	-1.183114	-0.174621	-0.176251	-0.170881
Cj0626	1	-0.168933	-0.052895	-0.580569	0.068189	-0.835986	0.033511	0.334911	-1.199587	0.10017	0.024462	-0.654944
Cj0627	1	0.154454	0.05797	-0.447721	0.033652	-0.589225	-0.008827	0.037874	-0.760969	0.126841	0.232047	0.005472
Cj0628	1	-0.756331	-0.043943	-0.006942	0.884168	-0.747584	0.066399	0.187388	-0.577552	0.423847	0.330099	0.364797

Cj0629	1	-3.39138	-1.649729	-0.408512	-0.34172	-1.005493	-0.91213	0.114234	-1.801883	-0.185573	-0.275961	-0.378569
Cj0630	1	0.229465	0.1038	0.139993	-1.753896	0.400319	-0.131471	-1.085589	0.035342	-0.253429	-0.061451	0.668482
Cj0631	1	0.024036	-0.165208	0.037312	-0.143851	-0.124534	-0.192645	-0.07628	0.019773	-0.299915	-0.293889	-0.257218
Cj0632	1	-0.016395	-0.110449	0.09815	0.214747	0.044744	-0.142099	0.004322	0.316957	-0.061752	-0.293713	-0.019463
Cj0633	1	0.03083	-0.38628	-0.112007	-0.694321	-0.30668	-0.306323	-0.237183	0.077653	-0.404496	-0.324455	0.005616
Cj0634	1	0.085017	-0.28736	0.040402	-0.590962	0.169925	-0.408512	-0.261535	0.007339	-0.59379	-0.454229	-0.013771
Cj0635	1	0.132511	-0.010425	-0.472129	0.118626	-0.847103	-0.066276	-0.245369	-1.175599	-0.264824	-0.005638	-0.165208
Cj0636	1	0.117961	0.430392	0.321697	0.05172	0.309176	-0.119981	-0.410428	0.257735	-0.429731	-0.185409	0.052833
Cj0637	1	0.041523	-0.291592	0.042364	-1.281737	0.412294	-0.323552	-0.271775	0.043624	2.842778	-0.272472	0.036046
Cj0638	1	0.204391	0.068327	-0.449887	-0.107337	-0.962126	-0.164884	0.050049	-0.652448	0.118891	-0.409087	-0.076128
Cj0639	1	0.307429	0.067639	-0.752923	0.352081	-0.879914	-0.016103	0.403595	-1.378194	0.390888	0.088006	-0.403733
Cj0640	1	0.211884	0.020058	-0.215245	0.163112	-0.453241	0.030265	-0.055591	0.064883	0.211261	0.064469	-0.207061
Cj0641	1	0.021622	-0.338798	-0.082988	-0.211899	0.076422	-0.002744	-0.401254	0.018207	-0.211565	-0.190668	0.010637
Cj0642	1	-0.098506	-0.33061	-0.02694	-0.426238	-0.042903	-0.258253	-0.224486	-0.02503	-0.237524	-0.139871	-0.065823
Cj0643	1	-0.024003	0.04977	-0.332607	0.047678	-0.824699	-0.049606	0.104605	-0.870651	0.065986	-0.176577	-0.484388
Cj0644	1	0.031677	0.017779	-0.094957	-0.016395	-0.092186	-0.151042	-0.457791	0.276675	0.023894	-0.167961	-0.304006
Cj0645	1	-0.063258	-0.433623	0.057693	-0.214742	0.12446	-0.327167	-0.311685	-0.008247	-0.156338	-0.112319	0.076559
Cj0646	1	0.064607	0.0297	-0.331699	-0.074001	-0.262746	-0.152003	-0.089728	-0.115129	-0.216418	-0.279284	0.001154
Cj0647	1	0.068464	0.054918	-0.114816	-0.026205	-0.003033	-0.101753	-0.152003	-0.135745	-0.145127	-0.319406	0.098689
Cj0648	1	0.139208	-0.026646	-0.490862	0.312084	-0.544561	0.037312	0.095317	-0.633076	0.235972	0.015926	-0.227692
Cj0649	1	0.105142	0.127105	0.189034	0.706376	0.718088	3.756436	1.596458	0.01035	-1.674383		
Cj0650	1	0.307778	0.00777	-0.572394	0.160791	-0.746132	0.010637	0.168642	-0.655172	0.290306	0.154324	0.08787
Cj0651	1	0.129745	-0.003901	-0.531156	0.078883	-0.940368	0.029842	0.129481	-0.53366	0.219958	0.111031	-0.163106
Cj0652	1	0.209017	-0.06115	0.15095	0.095182	0.139731	0.159758	0.032242	0.379843	0.221568	0.122209	-0.17511
Cj0653	1	0.016354	0.425244	0.226385	1.407298	0.199751	0.934403	2.30343	0.04991	5.548705	0.737514	0.011209
Cj0654	1	0.056306	0.018207	0.137241	-1.02503	0.573568	-0.694788	0.785341	0.102725	0.239642	1.583038	0.07382
Cj0655	1	-0.778185	0.493545	0.214871	0.7876	0.469052	1.215368	1.61664	0.19497	1.15374	-0.167637	-0.106871
Cj0656	1	0.268195	0.026304	0.283211	0.23842	-0.105628	0.147307	0.16092	0.257976	0.214747	0.158983	-0.186722
Cj0657	1	0.135141	-0.191821	0.147958	-0.287184	0.080658	0.05464	-0.094033	-0.093109	-0.591179	-0.056641	-0.29956
Cj0658	1	0.292075	-0.098351	-0.052296	0.104739	-0.275437	0.113567	0.135929	-0.085129	-0.013917	0.095317	-0.059345
Cj0659	1	-0.511485	-0.708868	0.095182	0.072312	0.237319	-0.08024	-0.062957	0.279768	-0.038895	-0.005348	0.132379
Cj0660	1	0.15782	0.064883	0.204516	0.25689	0.159887	0.208892	-0.008973	0.29125	0.427284	0.323774	-0.187214
Cj0661	1	-0.041566	0.342782	0.009204	-0.123434	0.253989	0.053111	-0.324455	-0.003177	-0.095728	-0.0511	-0.050951
Cj0662	1	-0.167475	-0.039785	-0.397638	0.392537	-0.957916	0.166972	0.416191	-1.02239	0.389457	0.311852	-0.405834
Cj0663	1	-0.212735	0.217355	0.154583	-0.016833	0.4654	-0.440851	-0.304362	0.205142	-0.35716	0.148609	0.418352

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Cj0664	1	1.073752	0.934328	0.360758	0.762902	0.634965	0.418568	0.408494	-0.287712	0.184978
Cj0665	1	-0.09234	0.258941	-0.025471	0.07738	-0.145446	-0.040527	-0.158429	0.181675	-0.204233
Cj0666	1	-0.117318	0.223793	0.104068	0.246712	-0.045431	-0.111695	-0.103457	0.216734	-0.450084
Cj0667	1	0.213503	0.281906	0.178237	0.079293	0.289008	0.070664	-0.024443	-0.063258	-0.376133
Cj0668	1	0.225152	0.026871	-0.068544	0.121546	-0.552791	0.131458	0.043204	0.148218	-0.32916
Cj0669	1	-0.048263	0.029559	-0.241953	-0.123277	-0.911316	-0.064767	-0.115754	-0.11591	-0.305967
Cj0670	1	-0.057392	0.021622	-0.540359	0.192825	-1.155855	0.131458	0.186247	-1.115285	0.124593
Cj0671	1	0.185613	0.049352	-0.408512	0.318346	-1.213236	0.093966	0.141433	-1.090496	0.215492
Cj0672	1	0.085833	0.574441	0.260989	0.112233	0.490878	-0.022977	-0.162783	0.489851	-0.117474
Cj0673	1	0.084881	-0.053344	-0.377819	-0.331881	-0.664059	-0.049905	0.07519	-1.045729	0.063641
Cj0674	1	0.002306	-0.273518	0.066399	-0.309181	0.117828	-0.096036	0.029276	-0.008102	-0.158751
Cj0675	1	-0.115129	0.038577	-0.464345	0.036468	-0.595533	-0.052596	-0.36049	-0.654717	-0.057242
Cj0676	1	0.050745	-0.027528	-0.272994	0.077653	-0.549198	-0.020048	-0.268643	-0.148481	0.036749
Cj0677	1	0.013212	-0.247937	-0.022977	-0.428372	-0.351258	-0.368849	-0.127211	-0.378194	-0.269164
Cj0678	1	-0.072938	-0.198427	0.085561	-0.279284	0.033652	-0.104232	0.187134	-0.012315	0.082294
Cj0679	1	0.026588	-0.276136	0.125783	-0.169258	0.770618	-0.064163	0.049631	0.193456	-0.272646
Cj0680	1	0.139993	0.07382	-0.283843	0.250355	-0.798617	-0.010861	-0.039488	0.316957	0.168899
Cj0681	1	0.069152	-0.190339	-0.196773	-0.447918	-0.196277	-0.204067	-0.256528	-0.019902	-0.07552
Cj0682	1	0.20063	-0.183605	0.063503	-0.508814	0.249142	-0.321387	-0.14401	0.035765	-0.261189
Cj0683	1	0.241474	0.010207	-0.605815	0.364684	-0.776207	0.054362	-0.058743	-0.92221	0.354226
Cj0684	1	0.043345	0.036468	0.218347	0.0782	-0.202904	-0.173482	-0.514161	0.215989	-0.105008
Cj0685	1	0.259062	-0.038451	-0.07765	-0.253601	-0.685942	0.080385	-0.12312	-0.210062	-0.1882
Cj0686	1	0.093019	0.0397	-0.37314	-0.117944	-0.743472	-0.031209	-0.005493	-0.615287	0.008343
Cj0687	1	0.199876	-0.007377	-0.507788	-0.003033	-1.059495	0.152508	0.154194	-0.379883	0.247441
Cj0688	1	-0.050054	-0.059495	0.111566	0.006478	-0.234296	-0.190009	-0.392137	0.476537	-0.135903
Cj0689	1	-0.643631	-0.067788	-0.768076	0.130008	-1.075824	0.166458	0.269033	-1.263612	0.326767
Cj0690	1	-2.729292	0.018777	-0.265865	-0.147841	-0.554697	0.095047	-0.029588	-0.125006	0.004609
Cj0691	1	-0.50943	0.020769	-0.082683	0.071213	-0.145286	0.200379	0.192699	0.000721	-0.043646
Cj0692	1	-0.396878	0.139469	0.129745	0.190425	0.300651	0.225275	0.029135	0.351289	0.260989
Cj0693	1	0.04684	-0.32572	0.095722	-0.228875	0.405775	-0.021511	-0.07963	-0.022097	-0.157946
Cj0694	1	-0.048711	0.005472	-0.398208	-0.081919	-0.911587	-0.148481	-0.061601	-0.879383	0.009634
Cj0695	1	0.028003	-0.129418	-0.46176	-0.09866	-0.760235	-0.134794	-0.246738	-0.711464	-0.147362
Cj0696	1	-0.180822	0.000721	0.23131	0.010637	0.119555	-0.12926	-0.162299	0.276199	-0.105628
Cj0697	1	-0.144489	0.052555	-0.689893	0.311387	-1.102527	0.165558	0.233275	-1.240929	0.368824
Cj0698	1	-0.073697	0.039279	-0.39517	0.081203	-0.448115	0.126841	0.082703	-0.41677	0.130931

Cj0699	1	0.14978	-0.015666	-0.447918	0.519944	-0.916753	0.232661	0.335598	-1.130997	0.487692	0.344715	-0.415422
Cj0700	1	0.047399	0.048794	0.106348	0.172744	0.210888	0.066675	0.060186	0.346191	0.158337	0.064469	0.044744
Cj0701	1	-0.195781	-0.147042	-0.115129	-0.180168	0.004609	-0.017709	-0.321387	-0.046921	-0.041566	-0.120137	-0.183441
Cj0702	1	0.0229	-0.093263	-0.040378	-0.207228	0.186627	-0.149761	0.043764	-0.057392	-0.341172	-0.085129	0.075327
Cj0703	1	0.038577	0.045024	-0.400492	0.069015	-0.598151	0.165944	0.182946	-0.298318	0.162339	0.12499	-0.200415
Cj0704	1	0.092343	-0.025471	-0.204898	0.49968	-0.343183	0.27453	0.354791	-0.707925	0.37128	0.243425	-0.528448
Cj0705	1	-0.179351	-0.277009	0.006478	-0.215747	0.00101	-0.023123	-0.271601	-0.068695	-0.224317	-0.14178	-0.015228
Cj0706	1	0.069977	0.059078	-0.540778	-0.099896	-0.698998	0.046421	0.035765	-0.210897	0.044604	0.22132	0.037453
Cj0707	1	0.000289	-0.192315	0.173255	-0.274564	0.36614	-0.264998	-0.206562	0.293488	-0.160847	0.189666	0.097476
Cj0708	1	0.038998	-0.02239	-0.136696	0.40414	-0.378569	0.014641	0.268674	-0.70322	0.293959	0.202762	-0.546456
Cj0709	1	-0.115441	-0.024296	-0.692921	-0.03934	-1.201576	-0.006507	0.061154	-1.415807	-0.036526	-0.082377	-0.377819
Cj0710	1	-0.011733	-0.005493	-0.726186	0.090176	-0.995103	-0.006217	0.167101	-0.979089	0.134615	0.20389	0.175557
Cj0711	1	0.175684	-0.009699	-0.251367	0.27011	-0.491267	0.264356	0.242938	-0.361787	0.196607	0.186247	-0.408512
Cj0712	1	0.217355	-0.011879	-0.228537	0.304161	-0.35089	0.262193	0.319618	-0.304362	0.334683	0.133432	-0.242465
Cj0713	1	0.031395	0.027296	-0.498383	-0.006072	-0.846065	0.134352	-0.061601	-0.390812	0.011496	-0.034308	0.088006
Cj0714	1	-0.033865	0.424385	0.034075	-0.327167	0.152248	0.042644	-0.163914	0.074094	-0.219942	-0.174621	1.640343
Cj0715	1	0.277271	0.033793	-0.272297	0.178237	-0.288769	0.096127	0.220949	0.03492	0.054223	0.006334	0.457437
Cj0716	1	0.109561	0.488823	0.29443	0.058386	0.362105	0.092207	-0.036674	0.413594	-0.005927	0.00863	0.565987
Cj0717	1	-0.08253	0.04698	0.200504	-0.059946	0.282855	0.007626	-0.054692	-0.09542	-0.062354	0.045163	0.038015
Cj0718	1	-0.111695	-0.075824	0.009347		0.174918	-0.518701	-0.314553	0.068877	-0.676918	-0.415615	-0.08253
Cj0719	1	0.169797	0.084745	-0.035786	-0.119824	0.066124	0.058109	-0.008247	0.268554	-0.01917	0.048376	0.10541
Cj0720	1	0.105008	0.343351	-0.001588	0.139208	0.185359	0.037031	-0.121392	0.341189	0.303459	0.24817	-0.067485
Cj0721	1	0.069427	-0.186065	-0.158268	-0.393463	0.01035	-0.121706	-0.104387	-0.097425	-0.069906	-0.032684	0.134089
Cj0722	1	0.160017	0.015355	-0.621488	0.110497	-0.789362	-0.052147	0.341303	-0.99683	0.285461	0.20989	-0.322469
Cj0723	1	0.083792	-0.082836	-0.092648	0.010923	0.133564	-0.055891	0.080794	0.030265	-0.074912	0.124196	0.151339
Cj0724	1	0.01078	0.060047	0.151859	0.146525	0.326767	0.107018	-0.086507	0.265437	0.13829	0.143263	0.196481
Cj0725	1	-0.011879	-0.248965	0.123269	-0.288593	0.014355	0.044884	-0.140507	-0.008973	-0.069452	-0.185573	0.286645
Cj0726	1	0.002739	0.00777	-0.063108	-0.123748	-0.138918	0.025596		0.1333	-0.159879	0.003458	0.244887
Cj0727	1	0.023894	-0.272472	0.093154	-0.25068	0.121413	-0.222633	-0.060698	0.230326	-0.456999	-0.105628	0.061569
Cj0728	1	0.160791	0.308244	0.27453	0.048515	0.425996	-0.019755	-0.052147	0.346191	-0.205064	-0.026352	0.00619
Cj0729	1	-0.060849	-0.012024	-0.345748	-0.353653	-0.341903	-0.054242	-0.016103	-0.395549	-0.044092	-0.080088	0.217355
Cj0730	1	-0.059645	-0.229382	0.107688	-1.405069	0.282025	-0.644533	-0.157946	-0.01217	-1.255322	-1.093263	0.329525
Cj0731	1	0.295253	0.029842	0.093695	0.385928	0.420294	-1.32265	-0.223138	0.143524	-1.324094	-0.024443	0.00245
Cj0732	1	0.126444	0.592732	0.284751	0.01564	0.42374	-1.631735	-0.507583	0.202762		-0.361231	0.77989
Cj0733	1	0.081749	-0.315451	0.288536	-1.219942	0.227002	-0.11857	-0.5245	0.012497	-0.744922	-0.218598	-0.053494

Cj0734	1	0.052694	0.016924	-0.195616	-0.18508	-0.363642	-0.09234	-0.092033	-0.32572	-0.038451	-0.006652	-0.218934
Cj0735	1	0.209391	0.015069	0.025312	0.010637	-0.692688	-0.084823	0.090853	-0.34172	0.074916	-0.02371	-0.165693
Cj0736	1	0.087191	0.003026	0.258338	-0.048561	0.416299	-0.060397	-0.170069	0.502636	-0.078411	-0.151042	-0.07309
Cj0737	1	-0.881773	-0.331881	-0.207728	-0.223475	-0.177882	0.03337	-0.201079	-0.121079	-0.249651	-0.256528	-0.07127
Cj0738	1	-1.587273	-1.402397	-0.067636	-0.5272	-0.106715	-0.263092	-0.175436	-0.075216	-0.52533	-0.301159	-0.118257
Cj0739	1	-1.54372	-0.129734	-0.138283	-0.009844	-0.151522	-0.213906	-0.550043	0.030972	-0.099742	0.1133	-0.004479
Cj0740	1	-1.778432	-1.046027	0.272262	-0.140826	0.449324	-0.390245	-0.289122	0.414893	-0.2624	-0.215747	-0.114191
Cj0741	1	-0.240929	-0.11904	0.026446	-0.315271	-0.161492	-0.571322	-0.455218	-0.445558	-0.133211	-0.059345	-0.347215
Cj0742	1	0.074231	-0.220782	0.240864	-0.301337	0.148869	-0.310611	-0.103147	0.102725	-0.354391	-0.052596	0.012783
Cj0743	1	0.0202	0.051163	0.27739	0.340619	0.403486	-5.756331	-0.354022	0.307312		-0.233108	0.257855
Cj0744	1	0.065159	-0.069755	0.185993	0.143132	0.188907	-0.011879	-0.083141	0.289598	-0.011588	-0.035786	0.081067
Cj0745	1	-0.552156	-0.009844	-0.416577	0.175301	-0.676918	0.208517	0.205768	-0.456801	0.239765	0.104337	-0.365686
Cj0746	1	-0.393274	0.017352	-0.300271	0.11929	-0.222633	-0.153447	0.225522	-0.324455	0.111165	0.095452	-0.158429
Cj0747	1	-1.112163	-0.142099	-0.093571	0.00906	-0.051848	-0.380071	0.155361	-0.039933	-0.004769	0.014641	-0.110916
Cj0748	1	-2.071573	-0.923578	0.038015	0.158725	-0.121706	-0.467932	0.1145	0.257252	0.267356	0.062812	-0.084058
Cj0749	1	-2.886833	-2.730249	-0.099742	-0.261535	-0.200747	-0.076585	-0.199255	-0.053045	-0.149281	0.042784	-0.224317
Cj0750	1	-3.18968	-1.983932	-0.174947	-0.041863	-0.144648	-0.032536	0.191563	-0.203735	0.006765	0.061984	-0.055291
Cj0751	1	-3.14178	-1.682233	0.187008	-0.169258	0.357721	-0.153126	0.053111	0.207518	-0.361416	0.038998	0.042364
Cj0752	1	-1.818579	-0.127999	0.324465	0.395063	0.463518	-0.435963	-0.326624	0.393197	-1.274041	-0.099587	0.004897
Cj0753	1	-0.076128	-0.155855	0.127105	-0.168285	0.351854	-0.042011	-0.141144	-0.103612	-0.10036	-0.096807	0.029418
Cj0754	1	-3.101598	-2.411963	0.095587	-0.140189	0.223175	-0.313119	-0.019755	0.098015	-0.332426	-0.188036	0.263996
Cj0755	1	-3.491673	-1.184097	0.161952		0.230449	0.430392	-0.519735	0.226755		-1.09234	0.211261
Cj0756	1	0.080794	0.680864	0.437973	1.878255	0.61946	1.384271		0.421371		-1.299028	0.242816
Cj0757	1	-0.49716	-0.132894	-0.319226	-0.269164	-0.477944	-0.067183	-0.32283	-0.10967	-0.186722	-0.152805	-0.142258
Cj0758	1	-0.322469	0.007339	-0.211565	-0.017709	-0.600993	0.206893	0.145873	-0.187543	-0.102992	-0.002744	0.005759
Cj0759	1	-0.151522	0.02361	-0.13733	0.080385	-0.067334	0.226509	0.131063	-0.051698	-0.009699	-0.01844	-0.126108
Cj0760	1	-0.046623	0.649386	0.146916	-0.358639	0.349479	-0.352916	-0.315271	0.405339	-0.292299	-0.156177	0.282143
Cj0761	1	-0.061752	0.218347	-0.498586	-0.097579	-1.025324	0.144569	0.031395	-0.445951	0.103397	0.038436	0.052277
Cj0762	1	-0.215915	0.076559	-0.270034	0.056029	-0.461164	0.131985	0.190425	-0.052296	0.158208	0.015783	0.318809
Cj0763	1	0.105142	-0.027234	-0.676226	0.148218	-0.866173	0.215368	0.25544	-0.53952	0.151599	0.053389	0.256165
Cj0764	1	0.027154	0.667665	0.303693	0.009777	0.459746	0.116365	-0.049606	0.488721	0.071076	0.129217	0.312433
Cj0765	1	-0.218095	0.003602	-0.459973	0.318461	-1.276485	0.359071	0.428678	-1.434403	0.321813	0.235727	-0.490253
Cj0766	1	-0.057091	0.015498	-0.183769	0.146916	-0.672083	0.228973	0.296663	-0.343916	0.167229	0.138028	0.004322
Cj0767	1	0.223793	0.175684	-0.003901	-0.037118	0.137635	0.106348	0.099766	0.252537	-0.03697	0.033088	0.210139
Cj0768	1	0.115566	0.244035	0.125651	0.183074	0.116099	0.115566	0.043064	0.41186	0.180403	0.105544	0.144483

Cj0769	1	0.00906	-0.031651	1.671475	1.847837	-0.14401	-0.118414	-0.334425	-5.058894	-0.484187	0.306262
Cj0770	1	-0.096345	0.046142	0.582267	6.966692	-1.812486	2.413675	-1.602964	2.593234		0.485942
Cj0771	1	-0.505124	0.212258	-1.240248	-0.336974	-0.574326	0.450676	1.776357		-0.612196	0.339479
Cj0772	1	0.307545	0.521252	-0.663145	1.072586	0.629846	1.877195	-0.781653	0.893906		0.204516
Cj0773	1	0.100305	-0.082988	0.192952	1.481816	0.282736	0.407733	0.932364	-0.031504	0.271904	0.627327
Cj0774	1	0.209765	-0.045878	0.226015	0.562474	0.213005	-0.232599	2.38976	0.067914	1.142021	-0.130997
Cj0775	1	-0.015083	-0.271949	0.111566	-0.181477	0.214747	-0.101598	0.060186	0.167101	-0.296368	-0.055142
Cj0776	1	0.020769	0.322274	0.258097	-0.31563	0.360533	-0.440851	-0.431287	0.218347	-0.46176	0.111833
Cj0777	1	1.00389	0.092478	0.177089	-0.388922	0.323312	-1.510868	-0.638681	-0.072179		0.828225
Cj0778	1	0.072449	-0.155052	0.034357	-0.194295	-0.033422	-0.17511	-0.027822	-0.053494	-0.133369	-0.029294
Cj0779	1	-0.041269	0.065021	0.229096		0.412511	1.147567	-0.02239	0.0842	-0.067183	0.049631
Cj0780	1	0.095992	0.449535	0.187514	0.124593	0.255319	-0.131313	-0.322289	0.224287	-0.246224	0.078337
Cj0781	1	0.05464	-0.522841	-0.39517	-1.291239			-0.522012	-0.476137	1.194591	0.816804
Cj0782	1	-0.238715	-0.168933	2.866651	-0.002455	0.019061	1.52677	0.991826	1.715542	-1.874084	0.688673
Cj0783	1	0.0229	-0.285073	0.801324	1.766086	-1.433623	1.991862	-0.839854	-3.127841	-0.39935	0.178492
Cj0784	1	-0.125793	0.588709		1.412944	1.595169		-1.583376	1.906429	4.270992	0.277866
Cj0785	1	0.202888	-0.109359	0.168899	1.533613	0.373509	4.599711	-2.024443	-0.138283	0.253263	-0.654036
Cj0786	1	0.137504	-0.232939	0.289126	0.798673	0.336398	6.980537	2.265767	-0.006942	1.068877	0.121944
Cj0787	1	0.247563	-0.036674	0.208392	-0.321387	0.451541	-0.328797	-0.128629	0.262072	-0.516842	-0.031356
Cj0788	1	0.201257	0.272143	0.272262	-0.340441	0.538538	-1.177229	-0.445755	0.410775	-0.773245	-0.122805
Cj0789	1	-0.039488	-0.206395	0.228603		0.28238	-2.756331	-0.924399	0.067639	0.303109	-0.14178
Cj0790	1	0.028569	-0.36086	0.161952	-0.133685	0.227741	-0.145286	-0.053194	0.107286	-0.484187	-0.109981
Cj0791	1	0.222805	-0.155855	0.187894	-0.43694	0.370945	-0.273169	-0.139871	0.011782	-0.714302	0.197236
Cj0792	1	-0.009408	0.089769	0.278342	-0.756331	0.605874	-0.899426	-0.354759	0.400101	-0.201576	0.042504
Cj0793	1	-0.016103	-0.142258	1.541614		0.552574	4.507078		-1.257045	0.895147	0.965766
Cj0794	1	-0.538891	-0.081308		1.611786				-0.421786	1.882878	0.372061
Cj0795	1	-0.093879	-0.08712	3.335212		0.373954	-1.591614	-0.046325	-0.077193	-1.837532	-0.458188
Cj0796	1	-0.023856	0.722903	1.388906	1.391933			3.822587	-4.073393	1.762987	0.237074
Cj0797	1	0.052277	-0.031356	0.260869	1.218595	0.239765	-0.357899	0.734309	-0.079478	0.39605	-0.731685
Cj0798	1	0.016924	-0.105473	0.119423	-0.384584	0.667029	-1.236503		0.078337	0.728399	-2.432844
Cj0799	1	0.311503	0.168642	0.306962	0.406319	0.540821	1.645563		0.122871	1.14509	-0.057242
Cj0800	1	-0.016979	0.461424	0.388245	-0.131313	0.473839	-0.100206	-0.269686	0.462157	-0.046921	0.035483
Cj0801	1	0.116897	0.082975	0.198997		0.3744	1.089227		-0.036082	1.100507	1.959956
Cj0802	1	-0.19413	-0.014354	0.227002	1.465609	0.390117	1.153287	-0.102682	0.133695	1.098083	-1.72261
Cj0803	1	0.164915	-0.074456	0.219958	0.974896	0.459222	-2.119667	-0.38628	0.255078	-1.054692	-0.004045

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Cj0804	pyrD	1	-0.035786	0.275007	0.306846	-0.015374	0.499578	-0.277884	-0.264651	0.333882	-0.022537	-0.056341	-0.102372
Cj0805		1	-0.074912	0.467488	-2.454822	1.716815		4.532267					0.164786
Cj0806	dapA	1	-0.111072	0.166715		1.624288	-2.484388	0.966578	-1.76366	-0.225666	1.907814	-0.004479	0.275722
Cj0807		1	-0.2567	0.758559	4.240284	0.03956		0.038155	1.247016			-4.383831	0.325962
Cj0808		1	0.033652	1.096869	-2.784881	0.861241		0.811389	0.988412	3.924252		0.423094	1.018634
Cj0809		1	0.123666	0.938775	0.094777	1.348799	0.248049			-0.021804	0.892896		0.15056
Cj0810	nadE	1	-0.275961	0.678973	0.067088	1.344942	0.19862	1.17645	0.093695	0.015212	2.022723	1.040191	0.598651
Cj0811	lpxK	1	0.066124	0.275365	0.046561	-0.1938	0.159629	-0.278409	-0.151522	0.175557	-0.215412	0.308594	0.437015
Cj0812	thrC	1	0.221568	1.026871	0.245739		0.616358	0.651408		0.5065	0.01407	0.53963	1.099295
Cj0813	kdsB	1	0.007339	0.459117	0.245617		0.402613			0.013784		-0.488026	0.376068
Cj0814		1	0.045723	0.03196	0.129349	-0.351995	0.237808	-1.009844	-0.149921	0.093154	-0.335881	-0.090189	0.019631
Cj0815		1	0.740539	0.469261	0.240253	1.417596	0.544189			0.315798	1.514602	0.277152	0.187768
Cj0816		1	-0.465142	0.989139	0.283922	-7.243318	0.686971	2.488566	0.97695	0.479127		2.761051	0.151599
Cj0817	glnH	1	-0.039933	-0.021804	0.180275		0.350271	0.686254	3.68373	0.000865	1.090989	-0.676918	0.176323
Cj0818		1	-0.642279	-0.319406	0.174662	0.544683	0.402504	1.050049	2.484963	0.018207	1.087938	1.258338	0.284514
Cj0819		1	-0.973129	-0.765376	0.099901	2.364152	0.282143	-0.606474		0.029842		0.158466	0.105008
Cj0820		1	0.005328	0.266037	0.41511	0.117296	0.397912			0.243547		0.280481	0.071076
Cj0821	glimU	1	-0.099433	-0.496957	0.14509	-0.562559	0.103934	-0.261708	-0.240588	-0.054392	-0.398018	-0.164561	0.240253
Cj0822	dfp	1	0.009347	-0.33825	0.152638	-0.388167	0.084745	-0.864859	-0.633524	0.059909	-3.063711	-0.955116	0.361319
Cj0823		1	0.055473	-0.225835	0.151209	-0.577121	0.332737	-0.407172	-0.083753	0.219215	-0.134952	-0.073393	0.175812
Cj0824	uppS	1	0.017779	0.202512	0.268913	-0.148001	0.038155	-0.128787	-0.337703	0.364572	-0.019755	-0.046027	0.104068
Cj0825		1	0.058109	-0.136379	0.170181	-0.837274	0.159629	-0.077041	-0.047368	-0.089421	-0.24708	-0.10067	0.385376
Cj0826		1	0.125916	-0.028852	0.18954		0.620493	-0.433623	-0.174947	-0.000722	-1.209228	-0.238204	0.429214
Cj0827	truA	1	0.283803	0.209516	-0.161169	-0.349235	0.476122	-0.532407	-0.675305	0.088142	-0.540149	0.165815	0.374845
Cj0828		1	-0.168123	0.137241	0.161178	-0.362529	0.32964	-0.99223	-0.37258	0.322274	-1.011879	-0.125321	0.073409
Cj0829		1	-1.107182	-0.141144	0.190552	3.557961	0.301236	-0.264478	-1.074304	0.012211	-1.074608	-1.124063	-0.356606
Cj0830		1	0.287709	0.1038	0.349931	2.969915	0.383497	1.652418		0.034216	0.814837	0.07779	0.275961
Cj0831		1	-0.225835	0.083111	0.429643	1.620258	0.488515	0.072449	2.881273	0.299714	-0.109981	0.35321	-0.183933
Cj0832		1	0.05894	0.053389	0.28404	0.090176	0.372841	-0.038451	-0.009553	0.422556	0.055057	0.058663	-0.103457
Cj0833		1	0.073409	-0.188858	0.125122		0.407951			0.020627	3.032136		-0.424688
Cj0834		1	-0.146403	0.03984	0.243425		0.524766	1.086784	0.435522	0.034216	1.05894	0.303576	0.304861
Cj0835		1	0.380064	-0.060247	0.27023	0.302875	0.495183	1.393746		0.240864	2.348657	0.15549	0.191436
Cj0836	ogt	1	0.025738	0.098554	0.271545	0.099497	0.215989	-0.044092	-0.150881	0.343465	0.00906	-0.02283	-0.107337
Cj0837		1	0.102457	-0.35716	0.070527	-0.218598	-0.093725	-0.037858	-0.114504	-0.026499	-0.155695	-0.010134	0.127369
Cj0838		1	-0.016103	-0.222801	0.158466		0.100843	-0.95288	-0.211565	0	-0.910231	-0.234635	0.086784



Cj0839	1	0.085833	-0.211231	0.256165	-0.595969	0.450169	-0.84451	-0.335699	0.183328	-0.675305	-0.06356	0.113434
Cj0840	1	0.125783	0.155749	0.275603	0.222063	0.297954	-0.063108	-0.223138	0.473008	0.11836	0.012497	-0.013334
Cj0841	1	0.098554	0.032806	0.145873		0.421371	-1.13733		-0.044538		0.536451	0.000144
Cj0842	1	-0.054242	-0.016249	0.092884	0.350497	0.609566	1.329124		0.061984	1.621759		0.009777
Cj0843	1	2.819075	-0.000577	0.241123	0.339365	0.525167		-0.060849	0.25689	2.326336	1.935384	-0.178045
Cj0844	1	0.271665	0.540226	0.357383	0.347439	0.587365			0.407407	0.159112	-0.247423	-0.134794
Cj0845	1	-0.172344	-0.118884	0.16221	-0.064465	0.167615	0.158337	-0.086201	-0.081003	-0.072028	0.016639	-0.19314
Cj0846	1	0.013784	-0.127211	0.093425	-0.102682	0.362442	-0.319586	-0.190009	0.07902	-0.55703	0.027437	0.283685
Cj0847	1	-0.171856	0.405121	0.274888		0.603217	-0.01028		0.271665	-1.630394	-0.178698	0.370388
Cj0848	1	0.002595	0.526369	0.406646	-0.01552	0.511063	0.078063	-0.135428	0.462052	0.0297	0.01264	0.043904
Cj0849	1	0.030548	-0.240929	0.117296	-0.095728	0.130931	-0.02841	-0.151202	0.016924	0.007052	0.007339	-0.187871
Cj0850	1	0.08692	-0.312939	0.203514	-0.079021	0.234501	0.011209	0.003602	0.062674	0.000289	0.014641	0.129481
Cj0851	1	-0.1181	0.171207	0.200881	-0.481364	0.473423	0.417704	-1.642955	0.209641		0.511266	0.283566
Cj0852	1	-0.29442	0.777115	0.425137		0.713344	0.918157	0.745711	0.443925	1.559883	-1.279284	-0.004624
Cj0853	1	0.053111	0.462681	0.174279	1.672923	0.206768	0.538637	1.436428	-0.101289	-2.377819	-2.490051	-0.052296
Cj0854	1	-0.040823	0.256648	0.131853	1.204266	0.221815	0.707171	0.982364	0.091937	0.594644	0.500598	0.181548
Cj0855	1	0.048376	0.661658	0.164271	0.760434	0.521754	1.096329	0.348119	0.344488	1.162855	1.001154	0.50853
Cj0856	1	0.134878	0.488926	0.832201	-0.883369	0.508429	0.400647	0.182311	0.438719	0.09126	0.206143	0.396708
Cj0857	1	-0.033274	0.635058	0.051859		0.17031	-0.72142	-0.96917	0.002595	-0.966912	-0.028558	0.094641
Cj0858	1	-0.149281	0.315102	0.011066	-0.0836	0.285225	-0.08896	-0.326263	0.050745	0.037874	-0.02283	0.447315
Cj0859	1	0.186374	1.097948	0.159112	0.545079	0.423847	0.662844	0.557386	0.28238	2.59065	1.147437	1.402231
Cj0860	1	0.257614	1.07382	0.341758		0.377624			0.443819	-0.013917	-0.235824	-0.697125
Cj0861	1	0.032524	0.688046	0.15017	3.198085	0.410984	0.694479	1.636822	-0.077193	1.782157	-1.568751	0.204767
Cj0862	1	0.002018	-0.025764	0.122606	0.004753	0.169155	-0.050502	-0.055441	0.105678	0.050328	0.093425	-0.099124
Cj0863	1	-0.069755	0.10675	0.185993	0.139731	0.241962	0.019488	0.08243	0.268794	0.005328	-0.089574	0.096802
Cj0864	1	0.101381	0.91196	0.274291		0.655718	-2.213571	-0.233108	0.509544	-1.08467	-1.233786	0.897163
Cj0865	1	-0.245027	-0.067334	0.182946		0.192447	0.330214	0.985282	-0.002888	0.451435	-3.258425	0.857583
Cj0866	1	0.255682	-0.119197	0.154324	0.849599	0.299714	1.863502	1.669072	-0.006507	1.983094		0.211635
Cj0867	1	-0.043497	0.31603	0.236707	1.162017	0.597221		1.542753	0.090853	1.016068	2.693922	-0.174296
Cj0868	1	1.151924	0.811471	0.314174	2.305562	0.710261	2.345992	1.217169	0.297368	1.245617	-2.118414	0.684446
Cj0869	1	0.159371	-0.036674	0.209641	-0.640704	0.328951	-0.277009		0.063227	1.459799	0.241596	-4.085589
Cj0870	1	0.07779	-0.075064	0.230203	1.832566	0.46069	1.712596	0.146395	0.067776	0.739243	0.577441	0.516519
Cj0871	1	0.16877	0.318693	0.269632	2.228819	0.424277	0.644133	2.311736	0.157044		0.002739	0.264476
Cj0872	1	0.011925	1.064814	0.298424	-0.234975	0.582267	0.743989	1.283566	0.317072		1.51919	0.277747
Cj0873	1	0.448372	0.378401	0.224658	1.450538	0.19774	0.540424	0.049352	-0.065823	0.99675	0.178874	-1.486004

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Cj0874	1	-0.021658	0.055751	0.169284	-0.696891	0.130667	-6.148161	-0.048711	0.394953	0.808838
Cj0875	1	0.225275	-0.032094	-0.107182	-0.017563	-0.544771	0.008774	-0.032241	-0.18295	0.089363
Cj0876	1	-0.515192	0.753005	0.321813	0.387142	0.351628	0.360196	0.369159	-0.156177	-0.052446
Cj0877	1	0.183074	0.073135	0.202386	-1.25877	-0.149281	0.652901	-0.067183	-0.601212	0.976144
Cj0878	1	0.121148	-0.163591	0.282025	1.336912	0.40523	-2.52367	0.007339	-0.348868	0.215989
Cj0879	1	-0.02371	0.403159	0.178874	0.723515	0.49252	1.315856	0.306496	-1.141462	0.620211
Cj0880	1	-0.040527	0.708761	0.419539	0.399116	0.747173	0.496002	0.699552	0.815985	1.662752
Cj0881	1	-0.052296	0.159887	0.096802	0.702923	0.441165	1.084949	-0.04216	0.983386	1.872868
Cj0882	1	0.167101	0.165301	0.1956	1.028074	0.513491	0.758218	0.076559	2.305708	1.76137
Cj0883	1	-0.623487	0.299245	0.308477	0.380619	0.667029	0.742955	0.27274	3.1808	2.090887
Cj0884	1	-0.123748	0.713432	0.353323	-1.751951	0.56003	2.66687	0.418784	0.154713	1.188717
Cj0885	1	-0.247251	0.038436	0.185993	-0.915119	0.389567	1.062122	0.021195	-0.021804	-5.184425
Cj0886	1	0.125651	-0.115754	0.346645	1.22163	0.47228	1.791939	0.097206	0.114767	-1.651541
Cj0887	1	0.037874	-0.124849	0.241596	-0.228537	0.410775	-0.488836	0.15782	-0.153767	0.154065
Cj0888	1	0.370388	0.778713	0.371503	-0.454427	0.59321	-0.174459	0.480989	0.509848	-0.25257
Cj0889	1	0.014212	0.282855	0.309176	0.9241	0.280838	-0.078107	-0.042457	2.066847	0.065434
Cj0890	1	-0.228368	-0.114035	0.205017	0.9241	0.569005	0.105008	0.081476	0.531269	0.130404
Cj0891	1	-0.838564	0.409364	0.307545	0.247198	0.603217	1.058247	0.305095	0.918234	-1.475936
Cj0892	1	-0.471729	0.986375	0.313246	1.143459	0.400757	0.936742	0.461424	2.165719	0.442015
Cj0893	1	0.073546	0.256165	0.309642	-0.08467	0.307312	1.064262	-0.186065	-0.030325	8.112361
Cj0894	1	0.505383	0.284869	-0.063861	-2.268817	0.490673	1.609708	0.664483	0.092884	-1.957356
Cj0895	1	-1.153928	0.468635	0.401849	1.734699	0.693855	1.021338	0.236095	4.33871	0.234992
Cj0896	1	0.20201	1.145677	0.391658	0.12075	0.391658	-0.027528	1.804384	0.389126	0.117296
Cj0897	1	0.497229	0.005616	0.206018	-2.491673	0.356707	-0.865385	4.051772	-0.021804	1.040121
Cj0898	1	0.140386	0.045303	0.085833	1.743817	0.449218	3.507795	-0.396688	0.106884	2.014927
Cj0899	1	-0.435183	0.316957	0.16877	0.37951	0.565597	0.191689	0.317304	1.715234	-0.928237
Cj0900	1	0.069427	0.786596	0.427284	2.710018	0.632454	-0.005782	0.434562	-1.176903	-0.088347
Cj0901	1	0.167101	0.760689	0.175045	1.906467	0.337996	-0.099124	-0.104387	1.11703	1.964251
Cj0902	1	-0.053344	0.522458	0.121546	-0.082072	0.363339	2.678861	0.151209	0.295018	0.259544
Cj0903	1	0.154972	1.176642	0.231924	-0.861972	0.555325	-0.640704	0	0.316262	-0.060849
Cj0904	1	-0.144329	1.029418	0.116764	3.418419	0.524064	-0.385149	2.07902	0.481816	-0.216753
Cj0905	1	0.03492	0.713344	0.0297	0.47633	0.737427	-3.296191	-0.007812	1.661202	0.844064
Cj0906	1	-0.258598	0.927517	0.587461	-0.057392	0.464564	1.607721	0.132643	-0.093725	-0.212735
Cj0907	1	1.401139	0.345964	0.770195	0.665848	1.206706	4.858836	0.216982	0.535456	1.841007
Cj0908	1							0.529871	-1.184425	0.777535

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Cj0909	1	-0.341537	0.662661	-0.080851	2.472306	0.333195	1.265617	-0.044836	0.888383	-0.599899	-0.792607
Cj0910	1	-0.111851	0.36614	0.202386	1.473008	0.343692	-0.458188	0.105812	-6.454822	-0.223475	1.210638
Cj0911	1	0.078473	0.374956	0.276675	2.910771	0.55159	1.160017	0.244887		0.054084	0.15056
Cj0912	1	0.013641	0.967169	0.315914	2.609282	0.505789	-2.004624	-0.093879	0.545968	-0.337703	1.704695
Cj0913	1	0.045583	0.026163	0.129481	1.643579	0.151209	-0.022537	4.329339	0.020342	-0.37034	0.404031
Cj0914	1	0.421802	-0.127841	0.088956	0.314523	0.331361	-1.12658	0.017494	1.024958	-5.695255	0.527571
Cj0915	1	0.22033	-0.01057	0.238665	0.643117	0.495081	0.507008	0.071076	0.309642	-1.126896	0.207893
Cj0916	1	-0.765867	0.981414	0.255924		0.49057	0.134484	-0.212066	0.273337	0.852878	2.471786
Cj0917	1	0.186627	-0.073241	0.110363	5.473862	0.262674	-1.035934	-0.017125	3.423417	-1.878321	
Cj0918	1	0.656634	0.355355	0.253021	0.196607	0.156526	0.156526	0.01564		-3.074608	-0.635764
Cj0919	1	-0.128629	0.130404	0.285816		0.494672	-3.529489	-0.121235	0.089498	-0.580138	0.191184
Cj0920	1	0.08352	0.974529	0.278223		0.429321	-0.441243	2.325847	0.243913	-0.121706	-0.584241
Cj0921	1	-0.600993	0.034216	0.18954	-0.057542	0.275841	-2.720707	0.217603	-0.093725	3.191594	0.307312
Cj0922	1	0.192825	0.233888	0.199123	1.55768	0.315798	0.664847	-0.000144	0.779554	3.09087	0.96377
Cj0923	1	0.031819	0.40523	0.355242	1.057069	0.394075	0.569977	-0.07127	0.089905	2.440075	0.002883
Cj0924	1	0.205643	1.047399	0.441802	-0.960721	0.473943	-0.140189	0.087463	0.267955	-0.195286	-1.511691
Cj0925	1	-0.174621	-0.560217	0.135009	0.313246	0.306379	0.542704	-0.022537	0.626299	0.279174	0.056861
Cj0926	1	0.778797	0.000721	0.067776	0.701505	0.426962	1.415326	-0.027528	1.567205		-0.11466
Cj0927	1	-0.712882	0.374511	0.33674	0.80554	0.314755	4.204196	-0.340806	0.279768	0.994869	0.348686
Cj0928	1	0.270708	0.563451	0.331705	1.28765	0.604546	-0.181968	0.423309	0.042084	2.918882	-1.756818
Cj0929	1	0.135404	0.163756	0.245861	0.542308	0.283922	1.45486	0.581303	0.057831	0.034357	3.584217
Cj0930	1	0.155361	-0.071876	0.29337	1.465713	0.361207	0.426533	0.152897	0.978562	-0.697593	0.136848
Cj0931	1	0.065572	0.019773	0.307429	1.036116	0.284751	0.211012	0.107018	1.426801		0.285106
Cj0932	1	-0.148161	0.288181	0.310573		0.46874	0.64441	0.413269	0.676087	-0.796611	-0.08804
Cj0933	1	-0.286128	-0.065068	0.230203		0.291014	1.871055	0.790021	0.065848	0.401958	-0.187214
Cj0934	1	-0.595969	0.108089	0.362442	1.640112	0.441908	1.34409	2.507668	0.007196	0.492315	-0.968605
Cj0935	1	0.008057	-0.065823	0.268913	-0.694788	0.247928	0.199374	-1.143054	0.304044	5.507462	0.176961
Cj0936	1	0.030689	0.92448	0.44668	0.610039	0.594166	1.536351	0.452806	-0.296722	0.409255	-0.003901
Cj0937	1	-0.033422	0.083247	0.177471		0.346305	2.695482	-0.070663	1.061776		0.124725
Cj0938	1	0.119688	-0.176414	0.171079		0.516822	1.064883	4.927119	0.00777	1.405448	-0.909689
Cj0939	1	-0.857521	0.448055	0.250719	2.036433	0.475292	-0.275612	2.215088	0.213503	1.323658	-0.178861
Cj0940	1	0.535754	0.882291	0.372506	1.297426	0.527871	0.626953	0.367036	1.531718	-0.970582	-0.836759
Cj0941	1	-0.227016	-0.166503	0.284514		0.274053	-1.276485	-1.433623	0.030407	7.495953	-0.378944
Cj0942	1	-0.299028	0.025454	0.159242		0.412185	0.754374	0.804384	0.114234	1.078405	2.120982
Cj0943	1	-0.385714	0.293488	0.330214		0.369159	1.344885	0.27453	1.232906	-0.325359	-0.221791

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Cj0944	1	0.240009	0.957469	0.443076	0.856627	0.682573	0.370834	2.349931	0.312897	1.205455	-0.281036
Cj0945	1	-0.363271	0.218471	0.211386		0.247685	-1.18508	0.769772	-0.011443	-0.145925	1.145677
Cj0946	1	0.1125	-0.092033	0.10675		0.389677		1.536501	0.1121	0.673918	0.109695
Cj0947	1	0.010207	0.006908	0.289362	3.805179	0.390338	0.317767		0.265437	0.783582	-2.548776
Cj0948	1	-0.022244	0.714136	0.425352		0.522056	-0.512925		0.377068	0.422879	-0.211064
Cj0949	1	0.020342	0.655443	0.088142		0.178364	-1.475936		-0.043795	1.102725	-0.001877
Cj0950	1	-0.112943	0.208392	0.123004	-0.858044	0.476537	-1.643856	-2.300448	-0.335153		-1.385714
Cj0951	1	0.0229	0.378179	0.234256	-0.54751	0.348459		0.1137	0.069152	-0.461363	4.2429
Cj0952	1		1.067914	0.307895	0.717298	0.561595	1.569588	1.634314	0.49211	1.788435	0.395173
Cj0953	1	-0.000144	0.060877	0.178747		0.274769	-0.897543	-1.040675	-0.075976	-1.157785	-0.371646
Cj0954	1	-1.127841	0.301705	0.1995	1.331591	0.429964	0.921284	0.467801	0.096802	0.374177	1.158208
Cj0955	1	-0.121863	0.400757	0.222805	-1.018001	0.536152			0.207768	0.552771	-5.097888
Cj0956	1	-0.083447	0.942909	0.348572	0.423847	0.518031	0.52647		0.390117	-0.909147	-1.099742
Cj0957	1	-0.069452	0.785341	0.070252	-0.557879	0.218595	2.067811		-0.024296	1.100036	0.718789
Cj0958	1	0.941031	0.325617	0.228849	1.081885	0.481816	0.59827	0.868924	0.127633	0.439144	0.160404
Cj0959	1	-0.726424	0.690015	0.298541		0.600175	2.76992	-0.187214	0.296546		0.462366
Cj0960	1	0.084745	0.749062	0.270947		0.510861	-1.286304	-0.567254	0.52667		-1.295836
Cj0961	1	-0.009844	-0.404496	0.114634	-0.413499	-0.147522	-0.250509	0.007483	-0.114504	-0.213738	-0.466337
Cj0962	1	0.041804	-0.052596	0.076149	-0.167799	-0.009989	-0.028705	0.095047	-0.044985	-0.113567	-0.26067
Cj0963	1	0.083656	0.006334	0.024462	0.149389	0.078746	0.008343	0.048515	0.046421	-0.053344	-0.146883
Cj0964	1	0.309293	0.471552	0.187641	0.186881	0.262072	0.163241	-0.118884	0.533264	0.203264	0.073135
Cj0965	1	-0.142258	-0.242806	0.043064	-0.416192	-0.16942	-0.287889	-0.254806	-0.197435	-0.158107	-0.434988
Cj0966	1	0.715278	0.069152	-0.119824	-0.018732	-0.256356	0.128029	0.206893	-0.10036	0.148739	0.191942
Cj0967	1	0.883386	0.49334	0.294077	0.017637	0.323312	-0.326444	-0.190997	-0.056341	-0.215245	-0.079173
Cj0968	1	0.327802	0.415001	0.248656	0.157302	0.393306	0.067226	-2.073393	0.417704	-0.008827	0.008917
Cj0969	1	0.241474	-0.532407	0.126841	-0.457791	0.084609	-0.084058	-0.90996	-0.084058	-0.149761	-0.137648
Cj0970	1	0.343351	-0.119981	0.026163	-0.173157	-0.088347	-0.09111	-2.247423	0.007339	-0.224823	-0.040823
Cj0971	1	0.283566	-0.279459	0.093695	-0.21843	0.167872	-0.158912	-2.796862	0.096262	-0.452649	-0.063258
Cj0972	1	-0.037858	0.845671	0.259182	-0.314912	0.354339	-0.685942		0.236829	-0.870915	-0.411387
Cj0973	1	0.176067	-0.044985	0.16954		0.300417	-0.472729	-2.495736	0.05172		4.359858
Cj0974	1	0.235972	-0.00231	0.156397	-0.295305	-0.126896	-0.072634	-1.710284	0.025596	-0.193635	-0.004479
Cj0975	1	0.776104	-0.006072	-0.038154	0.102188	-0.018878	-0.114191	0.18409	0.23952	0.054362	0.142871
Cj0976	1	0.241352	0.050467	-0.201742	0.208642	-0.4856	0.107688	-0.048263	-0.001588	0.161178	0.192573
Cj0977	1	-0.019902	-0.052296	0.191942	-1.169745	0.343351	-1.830332	-0.531573	-0.064465		-0.145286
Cj0978	1	-0.101134	-0.037562	-0.68571	0.119821	-0.961283	0.126576	-0.293889	-0.824699	0.129349	0.07779

Cj0979	1	-0.064917	-0.014645	0.121546	0.206893	0.019061	0.057554	-0.027675	0.118758	-0.136854	-0.075672	-0.22651
Cj0980	1	-0.238204	-0.074304	0.12499	0.085561	0.199374	0.007626	-0.077041	0.296076	0.079975	-0.065219	-0.120765
Cj0981	1	-0.412923	-0.172669	0.192447		0.43082	-0.780413	-0.77769	-0.126108	-2.22297	-0.284019	0.163241
Cj0982	1	0.070115	0.050606	-0.224486	0.035483	-0.909689	-0.098506	0.088684	-0.629501	0.040402	0.126444	-0.225835
Cj0983	1	-0.044687	-0.034308	0.147567	0.004322	0.352871	-0.110449	0.105812	0.170822	-0.033127	0.146655	-0.253773
Cj0984	1	-0.292299	0.060186	0.257493	-0.064767	0.346758	-0.208561	-0.448509	0.457332	-0.173645	-0.083447	-0.31581
Cj0985	1	-0.198924	-0.069603	-0.023856	-0.155213	-0.168771	-0.137807	-0.409661	-0.048114	-0.316708	-0.160363	-0.292475
Cj0986	1	0.039419	0.002018	-0.468731	-0.222633	-0.857783	-0.658128	-0.122491	-0.640479	0.004465	-0.111695	-0.220446
Cj0987	1	0.202136	0.018064	-0.431676	-0.025618	-0.735043	-1.252226	-0.048263	-0.364013	0.050328	-0.219102	-0.120765
Cj0988	1	0.212009	0.038296	-0.120137	0.076969	-0.245027	-1.680845	-0.069452	-0.329522	0.296076	-0.046772	-0.301693
Cj0989	1	-0.049009	0.015926	-0.822656	-0.042457	-1.165531	-0.487824	-0.038747	-0.861448	0.21313	0.012354	-0.297254
Cj0990	1	0.000289	-0.117787	-0.514573	-0.057992	-0.517048	-0.179188	0.04991	-0.210563	-0.109048	-0.023416	0.043204
Cj0991	1	-0.066578	-0.107648	0.153546	-0.519321	0.372172	-0.401825	-0.169907	0.281312	-0.22398	-0.142258	-0.021658
Cj0992	1	0.060047	0.031819	0.076833	0.0202	0.215119	-0.014791	-0.084517	0.294665	0.195474	0.098958	-0.227016
Cj0993	1	-0.089421	-0.266385	-0.171044	-0.30276	-0.206063	-0.167799	-0.289475	-0.34795	-0.331155	-0.109203	-0.321928
Cj0994	1	-0.192645	-0.051997	0.005184	-2.846843	0.115699	-0.641829	-0.398018	0.044604	-0.554697	-0.18295	-0.050204
Cj0995	1	0.156008	-0.033422	-0.238374	-0.007522	-0.530948	-0.051698	0.145612	-0.242123	-0.020633	-0.021072	-0.149601
Cj0996	1	0.04712	0.121281	0.252295	0.123401	0.240253	-0.022244	-0.142417	0.367818	0.236462	0.092884	-0.265865
Cj0997	1	-0.07552	-0.004914	-0.380822	-0.008102	-0.763416	0.041523	0.002883	-0.434208	0.096127	-0.050801	-0.331336
Cj0998	1	-0.247423	0.153676	-0.01552	-0.137013	-0.148321	0.038717	0.181929	-0.044687	-0.109203	-0.062053	0.00777
Cj0999	1	0.058801	0.046561	-0.348133	0.189666	-0.411004	0.169925	0.167358	-0.280335	0.040121	0.088006	-0.090342
Cj1000	1	0.229465	0.848317	0.245496	0.117828	0.440314	0.10165	-0.018732	0.469678	0.195222	0.252173	0.198117
Cj1001	1	-0.021804	0.240375	-0.014937	0.046701	0.105008	0.155231	0.006047	0.030124	0.087463	0.131853	0.036749
Cj1002	1	-0.079478	0.219958	-0.166017	-0.018878	-0.030472	0.105544	0.051163	0.06571	-0.008392	0.023184	0.07779
Cj1003	1	0.156008	0.056445	-0.633076	0.183455	-0.804148	0.191563	0.208392	-0.569394	0.119821	-0.124692	0.180148
Cj1004	1	0.035202	0.397803	0.112633	0.155749	0.268195	0.137766	0.008487	0.359409	0.242572	0.202386	0.354452
Cj1005	1	-0.254978	-0.015228	-0.883635	-0.133844	-1.257045	0.123136	0.194591	-1.425075	0.043904	0.011639	-0.424688
Cj1006	1	-0.170881	-0.039488	0.000289	-0.149121	-0.062806	-0.01844	-0.025471	0.088006	-0.156498	-0.161492	-0.158912
Cj1007	1	0.028003	0.019061	-0.155052	0.104202	-0.201244	0.021764	0.008774	0.013069	-0.00101	-0.061752	-0.305075
Cj1008	1	0.135929	0.681134	0.397036	-0.061752	0.466236	-0.04216	-0.229044	0.498149	-0.003177	0.017352	0.02432
Cj1009	1	0.018207	-0.024737	-0.347766	-0.329703	-0.838822	0.000721	0.039279	-0.784135	-0.079326	-0.041863	-0.179025
Cj1010	1	0.246955	-0.025177	-0.346115	0.086648	-0.75755	-0.04112	0.148739	-0.800375	0.255682	0.136585	-0.039488
Cj1011	1	0.161823	-0.001155	-0.071573	0.111966	0.070801	0.332966	-0.002744	0.013212	0.126841	0.346191	0.000433
Cj1012	1	0.160662	0.013069	-0.117318	0.083111	-0.057392	0.468635	-0.381949	0.19774	-0.04558	0.067914	-0.145446
Cj1013	1	0.002018	-0.480961	-0.343366	-0.37501	-0.8497	-0.1938	-0.035047	-0.22989	0.018492	0.038717	0.065572

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Cj1014	1	0.016924	-0.001155	-0.036526	-0.412155	-0.129103	-0.076889	-0.020779	-0.127368	-0.281036	-0.121863	0.016211
Cj1015	1	0.063641	0.017067	-0.506968	-0.038006	-0.559367	0.074642	0.038436	-0.819343	-0.113411	-0.011879	-0.028999
Cj1016	1	0.148348	0.074094	0.182438	0.175045	0.140255	0.141302	0.010637	0.37629	-0.148961	0.068052	0.153676
Cj1017	1	-0.047965	-0.050353	-0.471929	-0.232091	-0.700638	-0.146403	0.14091	-1.248108	0.1149	-0.03623	-0.3485
Cj1018	1	0.127501	-0.19446	0.279174	-0.617277	0.039981	-0.250165	0.054779	-0.027381	-0.461164	-0.366615	0.487075
Cj1019	1	0.014355	-0.028558	-0.126658	0.047957	-0.027822	0.065297	-0.032536	0.024745	-0.247765	-0.01552	0.146916
Cj1020	1	0.043345	0.018492	-0.150241	0.333195	-0.60406	0.190299	-0.270034	-0.282614	0.117296	0.133169	-0.219438
Cj1021	1	0.000721	-0.005638	-0.016395	-0.269164	0.137241	0.047399	-0.127841	-0.104853	-0.174947	-0.00101	-0.122805
Cj1022	1	0.030689	0.040542	-0.19446	-0.005058	-0.425075	0.168129	0.065848	-0.475736	-0.090342	-0.070058	-0.3655
Cj1023	1	-0.004624	-0.197269	0.265317	-0.067334	0.364572	-0.182622	-0.135745	0.140255	-0.600337	-0.046921	-0.032389
Cj1024	1	0.011925	0.057138	0.344374	0.026588	0.297954	-0.096807	-0.154249	0.498251	-0.019609	0.078063	-0.205231
Cj1025	1	-0.136854	-0.001588	-0.11951	-0.233278	-0.094187	-0.054992	-0.061451	-0.074912	-0.092648	0.012926	-0.152484
Cj1026	1	-0.079173	-0.022683	-0.673463	-0.115441	-0.911044	0.037171	-0.03416	-0.821636	0.015355	0.054501	-0.317966
Cj1027	1	0.050049	0.043764	0.008057	0.038998	-0.093417	0.071763	0.074779	0.08624	0.014784	0.017494	-0.04886
Cj1028	1	-0.336246	0.219711	0.368936	0.117429	0.53834	0.114234	-0.152324	0.361656	0.094236	0.11023	-0.181149
Cj1029	1	0.104739	-0.067636	-0.335699	-0.111695	-0.434208	-0.045729	-0.01217	-0.458584	-0.227523	-0.067788	0.073135
Cj1030	1	0.07519	-0.034604	-0.179678	-0.110604	-0.826489	0.045583	0.043064	-0.75877	-0.26067	-0.162137	-0.055291
Cj1031	1	0.205142	0.018634	-0.047517	0.004322	-0.081308	0.032101	0.05894	0.038858	-0.075672	0.00906	0.037874
Cj1032	1	-0.005348	0.026021	-0.186722	0.146786	-0.622376	0.053667	0.01035	-0.157464	0.160017	0.133958	-0.208728
Cj1033	1	-0.038599	-0.123434	0.06226	-0.161653	0.051581	0.029135	-0.12202	-0.025764	-0.240418	-0.211565	-0.439481
Cj1034	1	0.108089	0.007052	-0.226004	-0.147681	-0.068241	0.135404	0.072723	-0.146883	0.03956	0.043624	-0.162622
Cj1035	1	0.063227	0.00389	-0.172344	0.015212	0.015783	0.159112	0.037171	-0.63958	-0.01348	0.115566	-0.16004
Cj1036	1	0.138945	0.072174	0.074642	0.036327	0.18053	0.032947	0.001154	0.250355	0.364348	0.182438	-0.129734
Cj1037	1	-0.203568	0.368377	0.147697	1.249809	0.298541	1.506653	-9.287712	-0.015666	0.20201		1.02432
Cj1038	1	0.02219	0.007626	-0.595315	0.363451	-1.057091	0.230818	0.476641	-0.981651	0.269512	0.132379	-0.565972
Cj1039	1	0.219339	0.035202	-0.19479	0.065434	-0.513131	0.059632	0.098015	-0.066881	-0.043795	-0.035786	0.170822
Cj1040	1	0.17594	0.044884	0.118891	0.021338	0.114367	0.103665	0.020342	0.116099	0.162081	0.097341	-0.07036
Cj1041	1	0.034357	-0.185737	-0.109359	-0.23243	-0.094803	-0.038303	-0.173482	-0.21073	-0.171044	-0.132104	-0.081614
Cj1042	1	0.133564	-0.012606	-0.356236	-0.129734	-0.711464	0.221815	0.072998	-0.277359	-0.114348	0.072723	-0.039785
Cj1043	1	0.153546	-0.035047	-0.330429	-0.062204	-0.729053	0.057554	0.035061	-0.67738	-0.027675	-0.119354	-0.345931
Cj1044	1	-0.050054	0.087734	0.413594	-0.028852	0.24184	0.130404	-0.147042	0.519844	0.049073	-0.158268	-0.119354
Cj1045	1	-0.213069	0.025029	-0.074152	-0.558092	0.111298	2.060324	-0.433428	-0.001443	-0.231413	-0.495532	-0.188365
Cj1046	1	-0.029883	0.011353	-0.017417	-0.478949	-0.043349	-0.285952	-0.168123	0.119688	-0.333334	-0.205896	-0.1938
Cj1047	1	0.114367	0.023468	-0.01057	0.001298	-0.015958	-0.035638	-0.043795	0.156138	-0.198427	-0.047219	0.020058
Cj1048	1	0.062674	0.318346	0.167229	0.02219	0.173767	0.06695	-0.14003	0.311736	0.037171	0.008487	0.252537

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Cj1049	1	-0.139713	0.017494	-0.514573	-0.326263	-1.023856	0.014498	0.119821	-0.440068	0.049491	-0.301515	-0.27073
Cj1050	1	-0.315092	-0.168447	-0.064314	-0.416385	-0.314194	-0.21558	0.184471	0.136848	0.097341	-0.451662	-0.18968
Cj1051	1	-0.724039	-0.873027	-0.725231	-0.240077	-1.529489	-1.191327	-0.667493	-0.312044	0.173639	-0.763905	-0.162945
Cj1052	1	-0.017271	0.00101	-0.015666	0.0229	-0.174621	0.085153	0.061292	0.390117	0.185105	0.056722	-0.060096
Cj1053	1	-0.159235	-0.037562	-0.313298	-0.222633	-0.85048	-0.180168	-0.21843	-0.329341	-0.167799	-0.157946	-0.248279
Cj1054	1	-0.256183	-0.015666	-0.190503	-0.26067	-0.483985	-0.075216	-0.331155	-0.050801	-0.409087	-0.455416	-0.255322
Cj1055	1	-1.723087	0.0082	-0.352179	0.085425	-0.772013	0.048934	0.152119	-0.587489	-0.285952	-0.36736	-0.167799
Cj1056	1	-0.19479	-0.014937	-0.449296	0.284514	-1.158107	-0.212902	-0.199421	-0.59379	-0.020779	-0.268817	-0.270556
Cj1057	1	-0.12926	-0.028705	-0.284194	-0.438307	-0.542879	-0.328073	-0.221455	-0.474733	-0.371833	-0.342086	0.069977
Cj1058	1	-0.182459	0.002595	-0.512102	-0.284194	-1.027087	-0.143213	0.164658	-0.623265	-0.290709	-0.338615	-0.464942
Cj1059	1	-0.046176	0.023752	-0.329885	-0.134002	-0.511074	-0.195616	0.051302	-0.173319	-0.402397	-0.376695	-0.202738
Cj1060	1	0.005903	0.280006	0.152119	-0.136537	-0.118884	-0.414076	-0.336428	0.319849	-0.441438	-0.533242	-0.012461
Cj1061	1	-0.224992	-0.257908	-0.025177	-1.386846	-0.115597	-0.710284	-0.081003	0.029276	-0.845287	-0.674153	-0.059796
Cj1062	1	-0.02327	-0.079173	0.151859	-0.507378	0.241108	-0.357345	0.124593	0.058524	-0.172018	-0.324636	0.014498
Cj1063	1	0.062812	0.105276	-0.172669	-0.009408	-0.101134	-0.134952	-0.041417	0.041804	0.147567	0.160275	-0.209562
Cj1064	1	0.141302	0.881116	0.239887	-0.130839	1.011567	-0.22196	-0.447131	0.275126	-0.379507	-0.005927	-0.054692
Cj1065	1	0.100709	-0.052596	0.09126	-0.815275	0.387032	-0.092186	-0.071421	-0.024296	-0.235314	-0.265691	0.136323
Cj1066	1	0.135272	-0.104232	0.1129	0.282973	-0.621266	0.207268	0.024745	-0.651088	-0.240077	0.05172	0.05172
Cj1067	1	0.166587	-0.046623	0.145351	-0.1938	0.113167	-0.16537	-0.052446	0.226878	-0.331518	-0.103302	-0.12658
Cj1068	1	0.27274	0.515208	0.31371	0.274053	0.341189	0.105142	-0.073393	0.306612	-0.188365	-0.025471	0.247928
Cj1069	1	0.052555	-0.310432	0.186627	-0.082225	-0.244514	0.089498	-0.030914	-0.01844	-0.192975	-0.272646	0.136454
Cj1070	1	0.115433	-0.270382	0.15069	-0.037266	-0.117161	0.132906	0.083656	0.06874	-0.157946	-0.209228	-0.040378
Cj1071	1	0.063779	-0.190997	0.045583	-0.082988	-0.107492	0.032101	0.171975	0.193204	-0.236164	-0.21843	0.178874
Cj1072	1	0.005184	0.004897	-0.330973	-0.059345	-0.854388	0.19862	-0.049158	0.022758	-0.182459	-0.369967	-0.354759
Cj1073	1	0.116897	-0.025764	-0.451662	-0.359934	-0.600774	-0.066276	0.094912	-0.599681	-0.234805	-0.254806	-0.133685
Cj1074	1	0.162726	-0.144329	0.259303	0.667847	0.36614	-1.900234	-0.536796	0.06929	-0.345748	0.045862	0.045862
Cj1075	1	-0.098506	0.09842	0.215741	0.455229	0.455229	-0.011733	0.260387	0.260387	0.260387	0.419107	0.419107
Cj1076	1	-0.021951	0.214	0.350158	-0.364571	0.292782	-0.35089	-0.232939	0.471864	-0.092494	0.065848	-0.046325
Cj1077	1	0.020484	-0.217256	0.114634	0.293959	-0.439481	-0.249479	-0.050353	-0.93016	-0.113723	0.298776	0.298776
Cj1078	1	0.140255	0.067776	-0.03549	-0.168933	-0.131945	0.06874	0.092478	-0.105163	-0.087887	0.049073	-0.074912
Cj1079	1	0.172359	-0.02503	-0.476538	0.312549	-0.663602	0.000289	0.272979	-0.401825	0.19333	0.165815	-0.352363
Cj1080	1	-0.258425	-0.127999	0.251446	-0.103457	0.193583	-0.226004	-0.392426	0.505993	-0.295128	-0.176577	-0.273692
Cj1081	1	-0.367918	0.026021	-0.597496	-0.179678	-1.165531	0.032242	-0.12202	-1.065823	-0.291415	-0.275786	-0.538262
Cj1082	1	-0.137648	-0.023416	-1.0145	-0.483581	-1.076737	-0.287889	-0.263785	-0.892446	-0.212568	-0.198593	-0.414653
Cj1083	1	-0.032831	-0.188693	0.065848	-0.29018	0.148869	-0.346665	-0.136696	0.207143	-0.224149	-0.140348	-0.380822

Cj1084	1	0.038296	0.46069	0.551688	0.482642	0.59579	-0.245198	-0.300981	0.385928	-0.011588	-0.098815	0.00906
Cj1085	1	-0.164723	-0.466536	0.031254	-0.308109	-0.178045	-0.046325	-0.124534	-0.116848	-0.279809	-0.26708	-0.160685
Cj1086	1	-0.388733	-0.457395	0.130667	-0.087887	0.190172	-0.116848	-0.171856	0.101785	-0.542879	-0.130681	0.105276
Cj1087	1	-0.030914	-0.327529	0.368712	-0.20573	0.402831	-0.137648	-0.199255	0.228603	-0.478949	-0.07476	-0.235654
Cj1088	1	-0.060397	0.040402	0.172103	-0.046474	0.196985	-0.155052	-0.527408	0.494876	0.054362	-0.061902	-0.076128
Cj1089	1	-0.201079	-0.026058	0.225152	-0.20025	0.352194	-0.243489		-0.176903	0.323197	-4.590745	-0.562346
Cj1090	1	0.03083	-0.277884	0.033934	-0.20025	0.204516	-0.881507	-0.323552	0.114634	-0.267948	-0.13733	-0.132736
Cj1091	1	-0.016395	0.174918	0.244522		0.403922	0.112767	-0.59837	0.268674		-0.336792	0.234379
Cj1092	1	-0.001732	0.342669	0.377735	0.008057	0.488309	-0.21625	-0.137965	0.409581	-0.005058	0.023326	-0.026352
Cj1093	1	-0.177719	-0.021511	-0.963813	0.058247	-1.618827	0.134089	-0.031651	-1.382702	0.002018	-0.114816	-0.15682
Cj1094	1	0.016211	0.038436	-0.69129	0.241474	-0.966912	0.138945	0.2949	-1.302938	0.301236	0.25689	0.068602
Cj1095	1	0.329296	0.157302	-0.168447	0.196481	-0.007667	0.116099	0.097206	0.08243	0.075738	0.23842	0.263034
Cj1096	1	0.25181	0.431569	0.226262	-0.094649	0.465609	0.011209	-0.082377	0.533663	0.021622	-0.057542	0.379288
Cj1097	1	-0.054392	-0.092956	0.058801	-0.580138	0.006047	-0.051549	-0.137648	-0.052745	-0.280159	-0.100979	-0.46953
Cj1098	1	-0.119824	-0.10036	0.145873	-0.713592	0.182692	-0.164723	-0.064767	0.096532	-0.264305	-0.073545	-0.57906
Cj1099	1	0.102188	0.190678	0.229957	-0.080545	0.324695	-0.127368	-0.028116	0.200379	-0.117005	-0.00231	0.008774
Cj1100	1	-0.032094	0.580917	0.29901	-0.355498	0.471864	-0.301693	-0.207894	0.42975	0.122341	-0.053643	-0.072483
Cj1101	1	0.07738	0.382501	0.012354	-0.735764	0.29337	0.131853	-0.265171	-0.071421	-0.782149	-0.190668	-0.208561
Cj1102	1	-0.04216	0.178619	0.152248	0.100036	0.080658	0.007483	-0.096962	0.115433	-0.227354	-0.133844	0.08352
Cj1103	1	0.24817	0.668755	0.230572	-1.374075	0.439357	-0.491876	-0.261881	0.301588	-0.652221	0.083656	0.198243
Cj1104	1	0.174279	1.081203	0.271067	0.531868	0.494979	-0.029735	-0.090957	0.532267	0.012926	0.290896	0.328836
Cj1105	1	-0.014062	-0.02459	-0.138759	-0.348317	-0.220614	-0.172831	-0.131945	-0.333698	-0.246909	-0.207394	0.077516
Cj1106	1	-0.06356	0.035765	-0.581432	-0.119981	-0.753896	-0.08758	0.035342	-0.671853	0.027154	0.006908	0.013212
Cj1107	1	0.002162	-0.355867	0.217975	0.146916	0.245131	-0.12202	0.195474	0.096667	-0.062505	0.06929	0.252295
Cj1108	1	-0.699466	0.617863	0.321582	-0.136379	0.420509	-0.564691	-0.30561	0.279412	0.091124		0.422879
Cj1109	1	0.038296	-0.162137	-0.028705	-0.279634	-0.188529	0.036749	0.047259	-0.071573	-0.100206	-0.135269	0.330903
Cj1110	1	0.028993	-0.171856	-0.00101	-0.157946	0.063641	-0.095265	0.133432	-0.001155	-0.216418	-0.101134	0.282855
Cj1111	1	0.159242	0.027437	0.23634	-0.966348	0.33308	-0.527408	-0.284019	0.081476	-1.084058	0.002018	0.170438
Cj1112	1	0.126576	0.724301	0.184978	-0.086814	0.499476	-0.384019	-0.570679	0.266757	-0.401635	-0.08896	0.232047
Cj1113	1	-0.085589	-0.478547	0.109294	-0.514779	-0.027087	-0.546878	-0.424881	-0.073849	-0.341537	-0.222801	0.322044
Cj1114	1	-0.369781	0.141302	0.167101	0.315102	0.353662		-0.503282	-0.019463		-4.53952	0.585251
Cj1115	1	-0.331881	0.159242	0.230572	-0.32916	0.381726		-0.39954	0.124593	3.004861	-2.447721	0.472592
Cj1116	1	0.397474	0.670659	0.0229		0.666393	-0.953718	-0.059946	0.286526		-0.19281	0.392867
Cj1117	1	0.066261	-0.170069	0.02432	-0.166989	-0.039044	0.127369	-0.096499	-0.179515	-0.206063	-0.127683	0.185867
Cj1118	1	0.083928	-0.281211	0.158208	-0.396688	0.173895	-0.022537	-0.127526	0.051859	-0.462157	-0.251882	-0.014354



Cj1119	1	-0.020487	-0.359749	-0.008392	0.072998	0.16221	-0.402588	-0.012024	0.106348	-0.233617	-0.065219	
Cj1120	1	0.013498	0.13606	0.205267	-0.297254	0.199876	-0.381385	-0.215915	0.429214	-0.201742	-0.26986	-0.346115
Cj1121	1	-0.13005	-0.022537	-0.320486	-0.267253	-0.274739	-0.142258	-0.086814	-0.356421	-0.254806	-0.099124	-0.111072
Cj1122	1	-0.580353	-0.633972	0.284396	-1.132578	0.296898	-2.073393	-0.022097	0.107286	-0.716908	-0.303116	0.443925
Cj1123	1	0.040682	-0.076889	0.008917	-0.099278	-0.098969	-0.156498	-0.037562	0.021906	0.04991	-0.086967	-0.054842
Cj1124	1	-0.14003	-0.144648	0.164658	-0.075368	0.278104	-0.354022	-0.338615	0.387473	-0.198759	-0.343	-0.053793
Cj1125	1	-0.126266	-0.299028	0.158337	2.195001	0.193961	-3.403542	-0.063258	7.834736	-0.009699		
Cj1126	1	0.028145	-0.196442	0.23352	0.599889	0.441696	1.096532	4.487383	0.074505	0.341872	1.560764	0.374622
Cj1127	1	0.060186	-0.296368	0.160791	-0.21558	0.212881	-0.240929	-0.021951	0.396159	-0.355498	-0.165208	-0.062053
Cj1128	1	0.10675	0.132906	0.321466	-3.587273	0.391108	-1.543299	-0.500014	0.461738		-0.419083	-0.207561
Cj1129	1	-0.227692	-0.188693	0.007196	-0.499402	-0.064163	-0.210396	-0.249479	-0.082683	-0.263092	-0.141939	-0.464544
Cj1130	1	-0.228875	-0.243318	0.051998	2.923834	0.135141	-0.285073	-0.25257	0.066261	-0.64318	-0.169582	-0.079173
Cj1131	1	-0.058142	-0.033865	-0.54751	-0.1181	-0.66246	-0.170719	0.168257	-0.593572	0.103397	-0.034604	-0.340441
Cj1132	1	-0.088193	0.34301	0.520347	-0.12658	0.47176	0.028286	-0.187214	0.444667	-0.083906	-0.068846	-0.180332
Cj1133	1	-0.185409	0.00777	-0.835986	-0.270904	-0.806417	-0.003322	-0.12202	-1.483985	0.040542	0.030972	-0.52824
Cj1134	1	-0.14003	0.028145	-0.0511	-0.003322	-0.054692	-0.196608	-0.108892	0.056722	0.014927	0.153546	-0.075672
Cj1135	1	-2.366615	0.025454	0.072998	0.085425	0.026304	-4.506353	-0.330066	0.206393	0.005472	0.002162	-0.155052
Cj1136	1	-2.412731	-0.094033	-0.084211	0.09356	-0.060397	-3.316169	-1.888434	0.102188	0.173511	0.14496	-0.216753
Cj1137	1	-1.882571	-0.952601	0.043484	-1.885766	-0.253429	-5.117787	-0.128787	-0.128787	-2.058293	-0.047517	-0.038303
Cj1138	1	-3.180495	-1.33061	0.070115	-0.602307	0.121413	-2.674844	0.049352	-0.323191	-0.11904	-0.107026	
Cj1139	1	-2.235144	-1.092956	0.140517	0.051581	-0.066427	-3.398969	-2.15457	0.23634	-0.025177	-0.077498	-0.114816
Cj1140	1	-2.194955	-1.679458	0.316493	-0.043497	0.407625	-3.731206	0.520246	0.520246	0.051859	0.085017	-0.180986
Cj1141	1	-1.486408	-0.380822	0.08243	-0.75268	0.121015			-0.008392	-0.063711	0.002306	0.016639
Cj1142	1	-1.062505	-0.838564	-0.072634	-0.117944	0.061569	-3.287712	-2.189022	0.079566	-0.10967	-0.083906	0.178492
Cj1143	1	-1.6579	-1.600774	0.100709	0.266517	0.331591	-3.990796	-2.635764	0.300885	-0.015083	-0.051698	0.432318
Cj1144	1	-1.282439	-0.572394	-0.649955	0.443607	-0.571536	-2.910502	-2.463549	-0.619936	0.492622	0.280838	0.459117
Cj1145	1	-0.945638	-0.009118	-0.483783	-0.023856	-1.032094	-1.615287	-1.359564	-0.904818	0.081885	0.031113	-0.29018
Cj1146	1	-0.111539	0.023468	-0.031209	-3.602964	0.276318	-0.691523	-1.283492	0.113567	-0.649729	-0.201908	-0.055441
Cj1147	1	-0.005638	0.277628	0.297954	-0.037414	0.585347	-0.415807	-0.200581	0.204892	-0.149121	0.020911	0.093831
Cj1148	1	0.143655	0.757109	0.349705	-0.08253	0.608809	-0.650861	-0.634196	0.555424	-0.314015	-0.062806	0.12075
Cj1149	1	0.176961	0.288299	0.095182	-0.461363	0.198368	-0.427207	-0.354206	-0.123277	-0.545403	-0.135111	-0.082836
Cj1150	1	-0.07628	-0.013334	-0.008102	-0.276136	-0.103302	-0.496142	-0.155695	0.104873	-0.309359	-0.575615	-0.148801
Cj1151	1	0.162081	0.165815	-0.139713	-0.292829	0.041383	-0.156177	-0.113567	0.134484	-0.139395	-0.450479	-0.071573
Cj1152	1	0.245252	0.799585	0.304511	-0.382137	0.453017	-0.474532	-0.196277	0.548239	-0.272123	-0.064465	0.174534
Cj1153	1	0.124196	-0.014354	-0.545192	-0.092956	-1.186722	-0.104853	0.252537	-1.196277	0.227371	0.129349	-0.067183

Cj1154	1	0.164529	0.001442	-0.445362	-0.084211	-0.805409	-0.052446	0.294547	-1.064314	-0.002888	0.048097	-0.132736
Cj1155	1	0.029983	0.008774	-0.386846	0.095047	-0.707689	-0.017125	0.234992	-1.135745	-0.019609	-0.096807	-0.306859
Cj1156	1	0.190172	0.038436	-0.354575	0.338453	-0.952322	0.172231	0.142871	-0.880179	0.209266	0.034779	-0.04707
Cj1157	1	0.097341	-0.400492	0.026871	-0.165693	-0.198427	-0.000433	-0.074001	-0.163429	-0.133844	-0.071118	0.135798
Cj1158	1	0.082566	-0.028116	-0.104542	-0.166989	-2.194295	-0.029735	0.020911	-0.35089	-1.649729	-1.840629	0.111298
Cj1159	1	0.19232	0.002306	-0.072028	-0.074001	-1.471929	0.121546	-0.006507	-0.026205	-1.114348	-1.162299	0.031254
Cj1160	1	-0.003033	0.281431	0.37729	0.204391	-0.728335	-0.853084	0.367595	-2.880445	-1.959037	0.018349	
Cj1161	1	0.035483	-0.051698	-0.239907	-0.471529	-0.809701	-0.050652	-0.018147	-0.887633	-0.561068	-0.723563	-0.109981
Cj1162	1	0.176706	0.006908	-0.382137	-0.271426	-0.288241	-0.107492	0.10286	-0.511485	-0.303116	-0.201908	0.16954
Cj1163	1	0.108223	-0.105318	0.096532	0.100978	0.228357	-0.107182	-0.053194	0.1333	-0.189516	-0.059645	0.215865
Cj1164	1	0.160146	0.400757	0.243182	0.246104	0.417164	-0.005348	-0.296368	0.289244	0.162597	-0.088193	0.174662
Cj1165	1	0.041243	-0.027822	-0.799872	0.208392	-0.97568	0.135272	0.188907	-1.316169	0.313246	0.166972	-0.208728
Cj1166	1	0.125916	0.023184	-0.305253	-0.052147	-0.748311	0.141956	0.072312	-0.541198	-0.11076	-0.274564	0.134878
Cj1167	1	0.177089	-0.135745	0.134615	0.105678	0.110764	0.114634	0.002739	0.365245	0.062536	0.034357	-0.003611
Cj1168	1	0.039419	-0.024883	0.191184	-0.143692	-0.042457	-0.237013	-0.226341	0.42503	-0.072028	-0.529906	-0.375384
Cj1169	1	-0.02327	-0.047666	-0.486408	-0.099124	-0.589008	-0.101753	-0.125951	-0.604718	-0.191986	-0.062053	0.063641
Cj1170	1	-0.102063	-0.032831	-0.748311	-0.661547	-0.945916	-0.404496	-0.443595	-0.971714	-0.039488	-0.878056	-0.570679
Cj1171	1	-0.153126	-0.026352	-0.352363	-0.199421	-0.980796	-0.008973	-0.050054	-0.684782	-0.302404	-0.323913	-0.200747
Cj1172	1	-0.164723	0.348459	0.324811	0.478817	0.478817		-1.381573	0.45133	-0.820616	-0.576906	-0.264305
Cj1173	1	0.021906	-0.384584	-0.233447	-0.39138	-0.386657	-0.190174	-0.292652	-0.174784	-0.473731	-0.358084	-0.321387
Cj1174	1	-0.001155	-0.308645	0.053111	-0.168933	-0.051399	-0.216585	-0.144648	0.077243	-0.378944	-0.246224	-0.106094
Cj1175	1	-0.051848	-0.019755	-0.363271	0.080794	-0.75755	0.029983	-0.029441	-0.637334	-0.108892	-0.354206	-0.204067
Cj1176	1	-0.003177	0.019915	-0.020633	0.118227	-0.091418	-0.042903	-0.240418	0.215119	0.136323	0.037312	-0.134002
Cj1177	1	0.07519	0.077516	0.042224	2.126742	0.467384	1.515712		-0.018293		1.508429	-0.215747
Cj1178	1	0.102591	0.065434	-0.870387	-0.237013	-0.599025	0.010923	-0.039933	-0.786124	-0.057542	0.060739	-0.16246
Cj1179	1	0.108089	-0.029588	-0.16004	-0.056791	0.011496	-0.064163	-0.065521	-0.054093	0.076149	-0.047219	-0.099278
Cj1180	1	0.071076	0.034497	0.166458	0.154065	-0.083447	0.005903	-0.215077	0.246712	0.307429	0.009634	-0.336974
Cj1181	1	-0.19347	-0.121549	-0.191986	-0.201908	-0.316708	-0.131629	-0.37707	-0.208728	-0.043349	-0.051848	-0.349235
Cj1182	1	-0.005348	-0.056341	0.08882	-0.377444	0.22928	-0.357345	-0.224654	0.046701	-0.248622	-0.04707	-0.102527
Cj1183	1	0.107956	0.013355	-0.574541	-0.314194	-1.317966	-0.227185	-0.132894	-0.644984	-0.19446	-0.412731	-0.068393
Cj1184	1	0.154454	0.311503	0.036468	-0.174296	0.063917	-0.25515	-0.133211	0.300885	0.148739	-0.035195	-0.26708
Cj1185	1	0.061154	-0.364571	-0.097425	-0.240248	-0.093725	-0.028852	-0.147522	-0.174459	-0.236843	-0.126896	0.036609
Cj1186	1	0.057831	-0.044985	-0.200415	-0.150721	-0.311506	-0.043943	-0.001588	-0.238204	-0.320486	-0.249136	0.003314
Cj1187	1	0.17594	-0.089267	-0.231583	-0.193635	-0.591832	-0.142576	0.052416	-0.076432	0.058247	-0.257045	-0.22095
Cj1188	1	-0.107959	0.362105	0.335026	-0.111072	0.349365	-0.566186	-0.38628	0.404031	0.025879	-0.268643	-0.088654

Cj1189	1	-0.307573	0.302524	-0.006217	-0.219438	0.249385	-0.111695	-0.199918	-0.104542	-0.186722	-0.278234	0.098958
Cj1190	1	0.008774	0.292075	-0.038154	-0.108114	-0.082072	0.062951	-0.03549	0.041383	-0.0836	-0.286304	0.155102
Cj1191	1	0.234379	0.608242	0.088006	0.274769	0.1595	0.021764	0.049491	0.464877	0.069977	0.085833	0.31371
Cj1192	1	0.256648	0.079156	-0.27631	0.281312	-0.282614	0.217603	0.184471	0.176833	0.438399	0.172359	0.242816
Cj1193	1	0.059771	-0.003033	-0.895663	-0.03003	-1.558942	0.205893	-0.022683	-1.200913	0.110497	-0.140985	-0.071421
Cj1194	1	-0.161169	0.245617	-0.126108	0.149259	-0.169582	0.151729	0.141171	0.115699	0.064193	0.09842	0.297485
Cj1195	1	0.09329	0.245982	-0.062053	0.099363	0.154713	0.015069	-0.097579	0.29725	-0.158107	-0.108114	0.345056
Cj1196	1	0.04977	0.537545	0.285698	-0.148481	0.362442	-0.029883	-0.22651	0.454597	0.015212	-0.01057	0.236462
Cj1197	1	-0.081614	-0.195946	-0.033274	-0.079173	0.02432	-0.157625	-0.230059	-0.127211	-0.146403	-0.031504	-0.201079
Cj1198	1	-0.016395	0.029842	0.05894	0.125783	0.15562	-0.021365	0.123799	0.14496	0.007052	0.111432	0.087463
Cj1199	1	0.230818	0.207518	0.133564	0.093425	0.206518	-0.01057	0.142087	0.198368	0.032665	0.245252	0.275245
Cj1200	1	0.170951	0.153805	0.037593	0.233029	0.173511	-0.079021	0.052277	0.399882	0.164143	0.117163	0.108357
Cj1201	1	-0.118884	-0.21843	-0.397068	-0.470529	-0.273866	-0.466138	-0.237524	-0.228537	-0.481364	-0.035195	-0.02283
Cj1202	1	0.070664	-0.017563	-0.606254	-0.100515	-0.700169	-0.057842	0.133958	-0.652221	-0.051549	0.02361	-0.061902
Cj1203	1	0.091531	0.065848	-0.639804	0.045862	-0.583593	-0.033274	0.018777	-0.805156	-0.004479	-0.007667	0.025879
Cj1204	1	0.197488	0.055057	-0.368104	0.203514	-0.633076	0.219339	-0.064314	-0.695956	0.112367	0.151989	-0.108114
Cj1205	1	-0.161653	-0.072483	-0.951485	-0.218095	-0.830332	-0.334062	0.121944	-1.07765	-0.047965	-0.024737	-0.363828
Cj1206	1	-0.008682	-0.049158	-0.050054	-0.184916	-0.244343	-0.136696	-0.017563	-0.10656	-0.431092	-0.215077	0.228726
Cj1207	1	0.001154	-0.079478	-0.097116	-0.000433	-0.017855	-0.051698	-0.053643	-0.002744	-0.226341	-0.007812	0.252173
Cj1208	1	0.116232	0.315102	-0.033127	0.324926	0.025596	-0.02239	-0.290004	0.245131	0.157561	0.140517	0.027579
Cj1209	1	-0.031061	-0.403351	0.035765	-0.398018	-0.046772	-0.089728	0.012497	-0.217759	-0.185901	-0.094187	0.194717
Cj1210	1	-0.125478	-0.255494	0.132379	-0.689427	-0.285952	-0.332426	-0.036674	-0.016395	-0.393274	-0.104542	0.253384
Cj1211	1	0.047818	-0.059044	-0.143373	0.023042	-0.179351	-0.074304	-0.054392	0.085289	-0.068544	0.186881	0.197991
Cj1212	1	0.15782	0.075053	-0.075064	0.249385	-0.016833	0.167229	-0.151042	0.15043	0.060739	0.153416	0.063917
Cj1213	1	0.011639	-0.047219	-0.58814	-0.331336	-0.740818	-0.038451	-0.199752	-0.550676	-0.168123	-0.077802	-0.16004
Cj1214	1	0.187514	0.002018	-0.58554	0.189034	-1.040378	0.244765	0.125783	-0.859352	0.161436	0.148609	-0.13005
Cj1215	1	0.339365	-0.018147	0.128425	0.284277	0.197362	0.325617	0.099363	0.349139	0.076559	0.06874	0.118626
Cj1216	1	0.053945	0.025171	0.181039	0.152508	0.262193	0.070939	-0.027087	0.48553	0.086784	0.064607	-0.184097
Cj1217	1	0.0297	-0.47353	-0.0613	-0.297254	-0.010425	-0.101908	0.007052	-0.094033	-0.144648	-0.079326	-0.117631
Cj1218	1	-0.03697	-0.391002	-0.016833	-0.590093	0.135929	-0.466736	-0.304541	-0.021219	-0.3655	-0.184425	-0.210396
Cj1219	1	0.059355	-0.249308	0.08134	-0.298495	0.324235	-0.366987	-0.096345	0.175557	-0.337521	-0.085742	-0.24366
Cj1220	1	0.003314	0.16543	0.388686	0.271306	0.093425	-0.067334	-0.193305	0.441802	0.071763	-0.036674	0.031819
Cj1221	1	-0.069149	-0.401254	0.08692	-0.026499	0.171719	-0.307751	-0.021219	-0.100515	-0.112943	-0.004335	0.082021
Cj1222	1	0.014927	0.058109	0.078883	-0.176903	0.063089	0.097746	0.09356	-0.069603	-0.256528	-0.097733	-0.064314
Cj1223	1	0.258217	0.016639	0	0.145221	0.091124	0.08352	0.135404	0.206768	0.101381	0.179893	-0.02415

Cj1224	1	0.312665	0.343806	0.198243	0.201383	0.468427	0.084064	-0.207228	0.532367	0.138945	0.220825	-0.206229
Cj1225	1	0.090718	-0.113255	0.128821	-0.235994	0.171079	-0.006362	-0.177882	-0.088807	-0.447918	-0.202738	-0.106871
Cj1226	1	0.040963	0.008343	-0.326263	-0.172506	-0.433818	0.126312	0.020627	-0.5391	-0.274215	-0.168447	-0.130681
Cj1227	1	0.07861	-0.021072	0.154324	-0.107648	0.081067	-0.112007	-0.01057	0.117163	-0.204399	-0.179841	-0.085282
Cj1228	1	0.207393	0.105142	0.193835	0.00101	0.331017	0.065434	-0.108425	0.393416	0.209017	0.055473	-0.094649
Cj1229	1	-0.074608	0.03984	-0.128787	-0.202572	-0.215412	-0.001299	-0.101598	-0.236843	-0.182622	-0.096345	-0.177229
Cj1230	1	-0.061902	-0.236164	0.310805	0.957395	0.391108	-0.529281	-0.104232	0.143132	-0.774232	-0.008537	0.038296
Cj1231	1	0.075738	0.061569	-0.253257	0.128161	-0.264998	-0.039044	0.153027	-0.078716	0.095182	0.108089	-0.29885
Cj1232	1	0.025454	0.076969	0.289952	0.075738	0.261591	-0.040378	-0.239566	0.398788	0.23131	0.072449	-0.377632
Cj1233	1	0.028852	-0.390812	-0.012606	-0.137965	0.031819	-0.040675	-0.139236	-0.112319	-0.056791	-0.063861	-0.357345
Cj1234	1	-0.028263	-0.006942	-0.137648	0.146525	-0.166017	0.282143	0.182311	-0.072786	-0.160363	0.086104	-0.358639
Cj1235	1	-0.190174	-0.006362	-0.600993	-0.0432	-0.821636	0.043904	0.181802	-0.512719	0.162081	0.119024	-0.475334
Cj1236	1	-0.14401	0.079975	0.22231	-0.08896	0.124725	0.006047	0.045862	0.407842	0.306262	0.151079	-0.441243
Cj1237	1	-0.026205	0.315798	0.046701	-0.531782	0.196103	-0.04886	-0.261189	-0.056791	-0.243318	-0.229213	-0.177066
Cj1238	1	-0.398779	-0.054542	0	-0.001877	-0.13416	-0.042903	0.042224	0.047538	-0.030177	0.053945	-0.003611
Cj1239	1	-0.069603	0.05325	-0.085895	0.079156	-0.034751	0.00173	0.16877	0.122209	-0.078107	-0.078411	0.115699
Cj1240	1	-0.158268	0.033934	0.079702	0.019061	0.174023	0.095452	0.028286	0.318577	0.012068	-0.00231	0.03984
Cj1241	1	-0.421786	-0.235824	-0.06673	-0.113099	-0.073393	0.064331	0.037593	-0.147522	-0.158107	-0.234296	-0.157625
Cj1242	1	-0.310075	-0.045878	-0.787866	-0.120451	-1.126896	0.079156	0.05894	-0.963532	-0.005638	-0.02415	-0.190339
Cj1243	1	0.079293	0.049491	-0.104853	-0.04558	0.064469	-0.304362	-0.137807	0.02361	0.081612	0.035765	-0.085895
Cj1244	1	0.095047	0.653427	0.301705	-0.029883	0.397803	0.038717	-0.120451	0.459851	0.223917	0.148999	-0.1882
Cj1245	1	-0.065068	0.004322	-0.172181	-0.042605	-0.189845	0.097206	0.057554	-0.130523	0.009634	-0.081766	-0.28437
Cj1246	1	-0.322108	0.013927	-0.507993	0.094777	-0.888434	0.098285	0.365805	-0.431676	0.057277	0.047678	-0.345748
Cj1247	1	0.002162	0.091937	0.074094	0.130536	0.180148	0.002018	0.047538	0.255803	0.07519	0.073409	0.320773
Cj1248	1	-0.052745	0.001442	-0.041714	0.146786	-0.103612	0.040822	0.079839	0.262193	0.229957	0.111298	-0.22989
Cj1249	1	0.096262	0.02219	-0.465938	-0.200415	-0.400873	0.032524	0.039279	-0.786124	0.10916	0.019631	-0.12658
Cj1250	1	-0.090342	0.002162	-0.455811	-0.023416	-0.793357	0.02219	0.194844	-1.004335	-0.012897	0.012354	-0.318686
Cj1251	1	0.018634	0.014927	-0.32572	0.206518	-0.664974	-0.018147	0.165301	-0.5041	0.109962	0.128689	-0.149441
Cj1252	1	0.228111	0.048376	-0.166341	0.41792	-0.347032	0.244278	0.011639	-0.17511	0.257735	0.153935	-0.065823
Cj1253	1	0.020627	-0.082225	0.076969	-0.426044	0.405339	-0.204898	-0.179188	0.00863	-0.041714	-0.225835	-0.077345
Cj1254	1	0.014927	-0.098969	-0.011152	-0.246395	-0.02327	-0.185737	-0.077193	-0.040082	-0.152805	-0.287536	0.063365
Cj1255	1	0.089363	-0.017271	-0.376508	-0.288241	-0.036378	-0.423913	-0.580785	-0.02327	-0.091571	-0.760235	-0.393842
Cj1256	1	0.132774	-0.012461	-0.367918	0.032947	-0.393842	-0.076432	-0.587273	-0.103922	0.113167	-0.188693	-0.30793
Cj1257	1	0.021622	-0.285249	0.109427	-0.345564	0.023184	-0.084058	-0.126738	-0.215077	-0.029883	-0.416192	0.01564
Cj1258	1	0.070801	0.020342	-0.125321	0.030972	-0.189351	0.072586	0.197614	-0.221455	0.22033	0.061984	0.099901

Cj1259	1	0.079293	-0.1882	0.239276	-1.193305	0.142217	-1.112787	-0.019317	0.156008	-0.389489	-0.168447	0.062812
Cj1260	1	0.1153	0.411318	0.056722	0.040682	0.381062	-0.07552	-0.084211	0.272023	0.059494	-0.063258	0.132643
Cj1261	1	0.121015	-0.029735	-0.68177	-0.12422	-0.720232	0.087327	0.051859	-0.512925	0.130404	0.282618	-0.065068
Cj1262	1	0.204516	-0.043051	-0.178371	0.092207	-0.332426	0.130008	0.178619	-0.22989	0.193583	0.191184	-0.07127
Cj1263	1	0.217107	0.035342	-0.090342	0.167486	-0.038451	0.1145	0.233643	0.141171	0.136716	-0.062957	0.044324
Cj1264	1	-0.006942	0.275841	0.384271	0.142479	0.377512	0.054084	-0.09866	0.480679	0.135404	-0.30276	0.00619
Cj1265	1	-0.107492	-0.467932	0.101919	-0.30561	0.08692	-0.201576	-0.161008	-0.04023	-0.288241	-0.351811	0.083247
Cj1266	1	-0.042011	-0.238885	0.278817	0.133169	0.340505	-0.289475	-0.011588	0.121281	-0.145127	-0.163106	0.116897
Cj1267	1	0.145351	-0.274041	0.312433	0.236095	0.300885	-0.326263	-0.084058	0.161952	-0.722848	0.239154	0.091124
Cj1268	1	-0.107959	0.038717	0.297485	0.160146	0.34551	-0.11076	-0.21073	0.413919	-0.037858	-0.140348	-0.055142
Cj1269	1	0.09004	-0.300448	-0.009263	-0.215915	0.061016	-0.032094	-0.050801	-0.117474	-0.145127	-0.092802	-0.043497
Cj1270	1	0.074505	-0.141621	0.34551	-3.803897	0.366476	-0.897812	-0.402016	0.069565	-0.62171	-0.131155	0.105276
Cj1271	1	0.05464	-0.209895	0.103934	-0.113567	0.326192	-0.069452	-0.123277	0.361432	-0.213236	-0.082836	0.018919
Cj1272	1	0.058663	0.30871	0.328147	-0.072786	0.399663	0.022332	-0.320846	0.46634	0.00245	0.040402	-0.076889
Cj1273	1	-0.079173	-0.003177	-0.137807	-0.133052	-0.20307	-0.111539	-0.13733	-0.253429	-0.195781	-0.078868	-0.184261
Cj1274	1	-0.012461	-0.104077	0.047399	0.002739	0.081612	-0.045134	-0.130365	0.025738	-0.249136	-0.114348	-0.020048
Cj1275	1	0.179001	0.093425	0.188907	0.050745	0.327802	0.10017	-0.077345	0.26111	-0.018147	0.213254	-0.077498
Cj1276	1	0.141956	0.623305	0.420078	-0.077954	0.544584	0.077516	-0.197269	0.449957	0.220578	0.206893	-0.001443
Cj1277	1	0.042224	-0.151362	0.187641	-0.883369	0.168129	-0.183933	-0.16537	0.154065	-0.266038	0.002739	-0.133685
Cj1278	1	-0.184752	0.03337	-0.145127	-0.204732	-0.526161	-0.245027	-0.127999	-0.167637	-0.239226	0.031677	-0.074608
Cj1279	1	-0.372393	0.009347	-0.056491	0.009634	-0.257735	-0.107648	-0.072028	-0.152644	-0.150401	-0.077041	-0.028558
Cj1280	1	0.068327	0.135666	0.268913	0.290306	0.361993	0.077106	-0.072483	0.581496	0.136454	0.017779	-0.192645
Cj1281	1	0.14496	-0.128314	0.058663	-0.094803	0.194591	-0.032684	-0.195286	0.010064	-0.219438	-0.055891	-0.19347
Cj1282	1	0.117961	0	-0.030472	-0.006797	-0.063108	0.131985	0.133958	-0.027381	0.034779	0.109294	-0.025764
Cj1283	1	-0.037562	0.086512	0.285816	-0.025177	0.373509	-0.452451	-0.017855	0.310689	0.104202	0.088006	-0.012024
Cj1284	1	0.076149	0.478092	0.310922	0.240864	0.457542	0.095047	0.014498	0.505484	0.166458	0.127501	-0.06809
Cj1285	1	0.104337	0.365805	0.038155	-0.374823	0.331132	-0.015958	-0.328254	-0.076737	-0.073697	0.01407	0.171463
Cj1286	1	-0.070663	0.010493	-0.239736	0.14978	-0.200415	0.148609	0.058524	0.019915	0.126973	0.118493	0.252173
Cj1287	1	0.156397	0.009491	-0.404878	0.170951	-0.589008	-0.035638	-0.00231	-0.340441	0.135009	0.081885	-0.406025
Cj1288	1	0.133695	0.013069	-0.10656	-0.060096	0.08352	-0.028852	-0.156177	0.250719	0.131194	0.051581	-0.073697
Cj1289	1	0.026729	0.023894	-0.018147	-0.172506	-0.039785	0.018064	-0.123434	-0.135745	0.004178	0.006765	-0.381761
Cj1290	1	-0.210563	0.013498	-0.558942	-0.124849	-0.591614	0.113167	0.085289	-0.32283	-0.100824	-0.131155	-0.036674
Cj1291	1	0.009347	0.132116	0.170566	0.129876	0.152897	0.041523	0.095047	0.363451	0.019204	0.143655	0.117163
Cj1292	1	0.044884	0.035905	-0.064616	0.178109	0.087327	0.0397	0.127501	0.327802	0.234011	0.019346	-0.0836
Cj1293	1	-0.000577	-0.322108	-0.023856	-0.186229	0.023184	0.187641	-0.04558	-0.109203	0.026729	-0.064314	-0.287184

Cj1294	1	-0.332971	-0.015958	-0.246567	-0.057392	-0.035638	-0.137965	0.173255	-0.078107	-0.169258	-0.117787	0.128425
Cj1295	1	-0.25257	0.236707	0.245861	0.369494	0.480886	-0.413499	0.138421	0.399007	0.275603	0.095857	0.379843
Cj1296	1	-0.904548	0.629473	0.282025	-1.5391	0.504366	-0.574756	-0.348317	0.508733	-0.260152	-0.394032	0.342555
Cj1297	1	-1.908334	-0.936221	-0.238204	-0.338433	-0.428566	-0.015666	-1.674844	-0.700169	-0.131471	-0.294597	-0.147681
Cj1298	1	-1.879914	-1.774972	0.040261	-0.098506	-0.100051	0.100439	-1.260843	-0.031946	-0.160847	-0.310611	0.141171
Cj1299	1	-2.37632	-1.882039	-0.014208	0.065986	0.331476	-0.005493	-1.445755	0.174151	-0.03697	0.137504	0.09329
Cj1300	1	-2.158429	-0.129576	-0.450873	0.449112	-0.574756	0.324004	-1.37932	-0.332244	0.316493	0.292193	-0.271426
Cj1301	1	-2.675765	-1.366987	-0.104077	-0.302048	-0.172994	0.032101	-1.366615	-0.188365	-0.120608	-0.171856	0.219711
Cj1302	1	-3.112787	-0.012024	-0.330973	0.044044	-0.18295	0.07286	0.115433	-0.178861	0.063779	0.173255	0.126709
Cj1303	1	-3.307573	-0.215077	-0.013334	0.25882	0.093019	0.151989	-0.142099	0.115033	0.082158	0.114367	0.328836
Cj1304	1	-2.511279	-0.027675	-0.261535	0.330903	-0.202406	0.226015	-0.463549	0.188907	0.035483	0.080112	-0.085435
Cj1305	1	-1.361046	-0.012024	-0.593354	-0.337339	-0.231244	0.264476	-0.253085	-0.522012	-0.054842	-0.033422	0.074505
Cj1306	1	-1.542038	-0.005348	-0.347399	-0.496957	-0.012752	0.291014	0.267116	-0.262919	0.046421	0.125783	0.076696
Cj1307	1	-0.384584	-0.234126	-0.072938	0.189287	0.104739	0.116099	0.242328	0.1153	-0.024296	0.04991	0.140648
Cj1308	1	-0.729531	0.026729	0.265317	0.229219	0.438186	0.306496	-0.192151	0.385155	0.100036	0.115033	0.03956
Cj1309	1	-1.595969	-1.463549	-0.07628	-0.06356	0.055196	0.210638	0.010923	-0.125006	-0.120922	-0.005493	0.142087
Cj1310	1	-0.850741	-0.25068	-0.009263	0.041383	0.036609	0.336169	0.102188	0.069565	-0.154249	-0.144329	0.088142
Cj1311	1	-0.096962	-0.026352	-0.228537	0.266037	-0.119197	0.169412	0.169669	-0.059946	0.100305	0.131589	-0.322289
Cj1312	1	-0.285249	-0.012897	-0.290709	0.333195	-0.352547	0.31034	-0.007522	-0.146403	0.380286	0.106884	-0.312581
Cj1313	1	-0.288241	-0.031061	-0.249651	-0.240418	-0.192151	0.128161	0.059771	-0.364756	-0.300448	-0.165208	-0.151202
Cj1314	1	-0.094033	-0.312223	0.177089	-0.204067	0.125783	-0.232769	-0.120765	0.03196	-0.660406	-0.46953	-0.165046
Cj1315	1	-0.007232	-0.184916	0.28948	-0.105939	0.444137	-0.206728	-0.044538	0.233643	-0.437721	-0.155213	0.042784
Cj1316	1	-0.120137	0.222063	0.299948	0.084609	0.324811	-0.075824	-0.352916	0.544881	-0.124849	-0.131787	-0.141621
Cj1317	1	-0.532616	-0.246053	0.002306	-0.331518	-0.504509	-0.16537	-0.303472	-0.091725	-0.094957	-0.058593	-0.419469
Cj1318	1	-1.369222	-0.434208	0.221197	-1.577767	0.502229	-1.913216	-1.045134	0.16092	0.614474	-0.146723	-0.396119
Cj1319	1	-2.626825	-2.544561	0.20063	0.016639	-0.082683	-0.228368	-0.108892	0.21313	-0.175436	-0.085742	-0.199752
Cj1320	1	-3.521183	-2.148161	0.187388	0.042084	0.128953	-0.238374	-0.39517	0.500394	-0.060397	-0.23243	-0.17511
Cj1321	1	-2.909418	-2.07765	0.005184	1.157432	0.207143	-1.046325	-0.730009	-0.120451	1.309176	2.788811	-0.130208
Cj1322	1	-4.132894	-1.979373	-0.772998	0.2444	-0.909418	0.21176	0.316957	-1.167799	0.224411	0.088956	-0.370527
Cj1323	1	-0.766603	-0.670245	0.156655	-0.013625	0.34426	-0.120765	-0.124692	0.271306	-0.071118	0.051163	-0.032241
Cj1324	1	-3.886833	-1.547088	-0.077498	0.019773	-0.240077	0.053111	0.067363	0.061431	0.125651	-0.143851	-0.312402
Cj1325	1	-1.085895	0.00101	-0.451859	0.056445	-0.52533	0.154065	0.231064	-0.602526	0.082566	-0.030472	-0.565332
Cj1326	1	-3.546245	-1.883103	0.074916	0.252537	0.188907	-0.377632	-0.236164	0.104739	-0.851521	-0.096807	-0.446541
Cj1327	1	-3.766112	-2.234465	0.303576	-0.062204	0.393636	-0.0432	-0.017417	0.31603	0.060047	-0.024003	-0.270904
Cj1328	1	-4.576906	-2.402016	-0.082225	0.228973	-0.187214	-0.082683	0.026588	0.064745	0.1644	0.006478	-0.375946

Cj1329	1	-1.880976	-0.528865	-0.517048	-0.054242	-0.521598	0.240131	0.084473	-0.413115	0.067363	0.093425	-0.398589
Cj1330	1	-3.627716	-1.928512	-0.412731	-0.061752	-1.178861	-0.450479	0.211884	-0.85726	0.070115	0.18409	-0.562133
Cj1331	1	-2.412731	-0.616171	-0.394221	0.036327	-1.183114	0.011782	0.228849	-0.729053	0.264596	0.1153	-0.492687
Cj1332	1	-1.877791	-1.442222	0.412077	-0.176577	0.357383	-0.146403	-0.237694	0.424707	0.188401	-0.051399	-0.557667
Cj1333	1	-1.470729	-1.369222	-0.027087	-0.824699	0.016639	-0.453834	-0.011879	-0.060849	0.027296	0.068602	-1.094803
Cj1334	1	-1.118414	-0.149761	-0.607793	0.227125	-1.083447	0.354903	0.406319	-0.992804	0.432746	0.366588	-0.320666
Cj1335	1	-1.115597	-0.753409	0.005616	-0.053943	0.01035	0.119954	0.010207	0.258941	0.041103	0.10165	-0.081156
Cj1336	1	-0.84451	-0.087427	-0.439285	0.035624	-0.962688	-0.080088	0.278223	-1.077041	0.366812	0.323197	-0.631064
Cj1337	1	-1.594225	-1.101908	-0.310611	-0.067183	-0.32265	0.22033	0.108759	-0.229213	0.001154	-0.176251	-0.361973
Cj1338	1	-0.919479	-0.747827	0.145612	0.0842	0.135929	0.357946	0.055057	0.145612	0.010637	-0.016395	0.155749
Cj1339	1	-0.615287	-0.083141	0.273456	0.04977	0.35061	-0.018586	-0.021658	0.31603	-0.109981	-0.140189	-0.098815
Cj1340	1	-1.179515	-0.057692	0.160791	0.045024	0.136716	0.061707	0.040402	0.355693	0.443501	0.177599	-0.275786
Cj1341	1	-1.410812	-0.581864	-0.435573	-0.043943	-0.950369	0.191184	-0.106094	-0.442222	0.109695	-0.06537	-0.254978
Cj1342	1	-0.275088	-0.230905	-0.179351	-0.381949	-0.647693	0.104202	0.233765	-0.073697	0.125651	0.134747	-0.522012
Cj1343	1	-0.021658	0.173255	0.106482	-0.223643	0.511367	-0.286656	0.016782	0.372506	-0.042308	-0.037414	-0.144329
Cj1344	1	0.191815	0.282973	0.11929	0.054779	0.016924	-0.067334	-0.101908	0.458697	0.03689	-0.153767	0.193835
Cj1345	1	0.139208	-0.094033	-0.180495	-0.108114	-0.621266	-0.058743	0.070252	-0.285249	0.032665	-0.030472	0.180657
Cj1346	1	0.123534	-0.050801	0.195096	-1.593354	0.257493	-0.366987	0.007052	0.007339	-0.882039	-0.323011	0.089227
Cj1347	1	0.353097	0.293724	0.141825	0.981487	0.447209	2.584073	1.264837	0.185105	1.941444	-0.089114	-0.05125
Cj1348	1	0.104202	0.364684	0.325271	0.018777	0.482332	-0.091879	-0.287008	0.355693	0.345964	0.113434	0.096936
Cj1349	1	-0.146883	-0.078411	-0.008537	2.292929	0.318693	-0.487824	-0.263612	-0.001155	-0.204233	-0.229721	0.142871
Cj1350	1	0.283566	0.183074	0.115033	1.044884	0.240986	-0.194625	0.001586	0.045583	-0.764886	-0.08896	0.108759
Cj1351	1	0.264837	0.498149	0.158854	1.052694	0.495491	-1.932361	-0.077498	0.138159	0.207643	0.345396	
Cj1352	1	0.092749	0.665757	0.17645	0.299596	0.35558	0.00619	-0.39935	0.221197	0.225522	0.181039	0.098015
Cj1353	1	0.042504	-0.327167	0.053667	-0.106249	0.105142	-0.216921	-0.065672	-0.08467	-0.06537	-0.023416	0.236095
Cj1354	1	0.136323	0.196481	0.156655		0.249385			0.041383			0.003746
Cj1355	1	0.231801	0.245009	0.270589	1.786262	0.497127	-0.180332	0.480058	0.152897	-1.508814	-0.096036	0.360308
Cj1356	1	-0.200084	1.166651	0.168642	-1.415037	0.496002		-0.251024	2.279412	3.369103	1.092004	1.673602
Cj1357	1	0.073957	-0.171693	0.137241		0.355242	-0.323733	-0.658811	0.08243		-1.25877	0.399663
Cj1358	1	0.253626	-0.04558	0.196985	-1.004914	0.253747	-8.20025	-0.40679	0.095047	-13.28771	0.009777	0.463204
Cj1359	1	-0.458783	0.128161	0.315682	-0.063409	0.419323			0.242206			0.324926
Cj1360	1	0.124328	0.95509	0.289598		0.51541		-0.244685	0.483674		0.466444	1.35834
Cj1361	1	0.419215	-0.24127	0.095587	-1.108114	0.219587	-0.190503	0.253384	-0.060548	0.45249	-0.168933	0.223917
Cj1362	1	0.168129	0.005041	-0.577336	0.365916	-0.918933	0.259423	0.525067	-0.98965	0.541713	0.374177	-0.559154
Cj1363	1	0.024745	0.376513	0.752149	-0.073393	0.455649		1.5034	0.338225	0.757791	0.660746	-0.159718





Cj1399	1	0.011496	-0.047965	0.054223	-0.062204	0.048794	-0.034604	-0.091571	0.071763	-0.325539	-0.352363	-0.12422
Cj1400	1	0.055335	0.783247	0.296428	-0.418311	0.390888	-0.239566	-0.618606	0.300885	0.005903	-0.204233	-0.081614
Cj1401	1	-0.031504	-0.285073	0.035202	-0.248279	0.415975	-4.049308	-0.176577	-0.057992	0.104739	-0.484187	0.168899
Cj1402	1	-0.409278	-0.094957	-0.173807	-0.028852	-0.093725	-0.520562	-0.043646	-0.199909	0.081749	0.070252	0.104202
Cj1403	1	0.00863	-0.12312	-0.349419	-0.065974	-0.600118	-0.142895	-0.064465	-0.432649	-0.130365	0.042224	0.14091
Cj1404	1	1.369494	0.684908	0.272382	-1.087427	0.451963	-0.426432	-0.096499	0.326997	-1.602088	0.047818	-0.172994
Cj1405	1	0.010493	-0.426625	0.099093	0.08692	0.408929	-0.446148	-0.22803	-0.056191	-0.592049	-0.255667	-0.178535
Cj1406	1	0.186881	-0.034308	0.262674	0.922655	0.345737		-0.239566	0.062674	-1.098197	-0.906169	0.359521
Cj1407	1	0.100439	-0.116066	-0.004479	-0.403924	0.269273	0.061292	-0.172831	0.156138	-0.719519	-0.462754	-0.310075
Cj1408	1	0.173511	0.532367	0.242572	2.848618	0.415326	0.494876	-3.163591	0.504976		-0.235484	-0.018586
Cj1409	1	-0.050951	-0.475736	-0.176903	-0.412347	0.031113	-0.061601	-0.060397	-0.161653	-0.565545	-0.40679	-0.078716
Cj1410	1	-0.084823	-0.271252	0.233765	-0.912673	0.391438	-0.62171	-0.299028	0.082703	-0.808437	-0.819343	0.051163
Cj1411	1	-0.026205	0.241718	0.1133	0.96643	0.476952	0.37829	1.489492	0.265197	1.571725	1.916324	0.396269
Cj1412	1	0.174662	0.463727	0.347325	-0.215915	0.588709	-0.35679	-0.529489	0.380397	-0.1386	-0.166341	0.721941
Cj1413	1	0.08882	-0.211064	0.168899	0.714751	0.407625	3.577248	-0.520769	-0.101598	2.769602		0.25544
Cj1414	1	0.043345	-0.026793	0.177471	-0.323552	0.086648	-0.059044	-0.175925	0.015783	-0.133211	-0.024003	-0.10827
Cj1415	1	-0.975113	0.270469	0.209765		0.722116	-3.22297		0.351854	0.180784	-0.276485	
Cj1416	1	-0.414268	0.113434	0.35558	0.101112	0.093019	0.013355	-0.306859	0.432104	-0.151683	-0.252226	-0.27439
Cj1417	1	-0.328254	-0.084058	-0.145765	-0.208728	-0.030914	-0.015083	-0.180495	-0.164723	-0.233786	-0.296545	-0.314015
Cj1418	1	0.086512	-0.033127	-0.112943	0.018064	0.024036	0.099093	0.129613	0.016354	-0.125636	-0.165855	-0.023123
Cj1419	1	-0.009699	-0.015083	0.079702	0.075738	0.257735	0.030265	-0.110449	0.178747	0.030407	0.091666	-0.082988
Cj1420	1	0.589092	1.071213	0.417812	2.043694	0.51924		-1.165855	0.606537	0.118758	0.031536	0.075738
Cj1421	1	-0.964376	-0.015374	0.147046	1.962031	0.336283	3.518523		-0.015374		0.216238	-0.754139
Cj1422	1	-2.280685	-0.319046	0.094641	-0.685477	0.411535	1.292252	-1.988504	0.156008		-0.147841	-1.272994
Cj1423	1	-3.859352	-0.280159	0.203264		0.424492	-0.778432	-0.46953	0.266876	-0.290533	-0.071421	-0.852824
Cj1424	1	1.933082	0.340733	0.42707	1.461686	2.40021	0.69073	2.085323	0.371503	2.210545		0.103128
Cj1425	1	-3.220278	-0.002599	-2.323372	-3.995391	-0.437135	-0.180659	0.466536	-0.354391	0.0782	-0.043497	-0.746374
Cj1426	1	-2.646564	-0.018586	-1.644758	-2.535332	-0.224486	-1.07552	-0.908334	-0.247594	0.096667	0.031395	-1.891643
Cj1427	1	-2.028558	0.428357	0.261591	1.097341	0.455544	-1.245027	-0.147841	0.282262		0.550901	
Cj1428	1	-3.112787	-0.221623	0.178492	-3.660178	0.338453	-1.782397	-1.830332	0.485633	0.152248	0.075738	-3.184425
Cj1429	1	-3.299028	-0.627939	-0.221287	-5.368849	-0.007667	-3.081919	-3.017417	-0.071724	-0.133369	-0.200084	-1.728813
Cj1430	1	-0.370713	0.714839	0.166844	1.003746	0.32112	2.600864	1.759156	0.16337	3.949292	1.080248	0.34301
Cj1431	1	-3.96804	-2.341537	-1.807427		-0.386667	-10.70275	-4.051698	0.122606	0.073546	0.051442	-2.783887
Cj1432	1	-2.498179	-0.502873	-3.534496	-2.345931	-0.500014	-2.416577	-1.897543	-0.443203	0.48656	0.29678	-2.246053
Cj1433	1	-3.740818	-2.398208	-0.230736		0.12075		-6.221623	-0.150241	0.053528	-0.021072	-4.194955

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Cj1434	1	-2.128472	-0.191656	0.141564	0.324926	-7.861448	0.135272	0.07286	0.233888	-2.755356
Cj1435	1	-0.948141	0.73127	0.403377	0.535257	0.744592	0.350837		0.618239	-0.366429
Cj1436	1	-2.784881	-0.444184	-0.152484	0.590434	-6.058894	0.501516	-0.163268	0.134089	-2.291239
Cj1437	1	-2.229721	-0.85022	-0.038006	0.208642	-4.016249	-0.133052	-0.028999	0.017922	-2.204898
Cj1438	1	-2.708396	-0.312223	-0.324094	0.128953	-5.205563	0.116498	-0.071573	0.143785	-2.213571
Cj1439	1	-3.056491	-0.623265	0.219339	0.410775	-4.506353	0.291839	-0.11951	0.019773	-2.296899
Cj1440	1	-2.995391	0.12446	0.238053	0.49057	-8.380822	0.585924	-0.120294	-0.110916	-2.792857
Cj1441	1	-3.316169	-1.956796	-1.72547	-0.353469	-4.9703	-0.309896	-0.17674	-0.064465	-3.392895
Cj1442	1	-0.858044	-0.032536	-1.436354	-0.592702	-0.098042	0.133695	-1.046027	0.188148	0.146786
Cj1443	1	0.151209	0.002018	-0.953718	-0.230059	-0.8855	-0.318146	-0.72738	0.140255	0.131458
Cj1444	1	0.158725	0.135929	-0.072179	0.143393	0.086784	0.055196	-0.264305	0.38084	0.044184
Cj1445	1	0.125916	-0.063861	-0.401635	-0.13005	-0.2411	-0.033127	-0.271775	-0.07127	-0.117944
Cj1446	1	0.145743	-0.04707	-0.944527	-0.802638	-0.467533	0.156267	-0.651541	-0.067939	0.036046
Cj1447	1	0.180657	-0.001155	-0.715486	-0.23226	-0.78339	-0.254117	0.077927	-0.926865	-0.125006
Cj1448	1	0.203013	-0.004479	-0.992804	-0.518494	-0.5041	-0.313119	-0.41889	-0.094957	0.08882
Cj1449	1	0.088277	0.012354	-0.755356	-0.594008	-0.375197	0.020627	-0.790359	0.097341	0.058109
Cj1450	1	0.215119	0.027579	-0.39935	-0.226004	-0.353837	-0.153286	0.30381	-0.222465	0.091124
Cj1451	1	0.258217	0.021764	-0.145286	-0.019609	0.083656	0.085833	-0.012897	0.06929	0.059909
Cj1452	1	0.231555	0.045862	-0.463151	0.302524	-0.478547	0.14496	-0.04707	-0.364385	0.506907
Cj1453	1	0.03689	-0.039637	-0.816545	-0.016687	-0.918388	0.024462	0.142479	-1.22196	0.295605
Cj1454	1	0.045443	-0.030767	-0.558517	-0.099124	-0.94675	0.270708	0.048794	-0.801883	0.011353
Cj1455	1	0.03337	0.035061	-0.161976	0.200379	-0.670245	0.232047	0.041383	-0.531156	0.157432
Cj1456	1	-0.128472	0.01564	-0.254634	0.174534	-0.408704	0.029276	-1.097888	-0.716434	0.254715
Cj1457	1	-0.111228	-0.027528	-0.653355	-0.413307	-0.685942	-0.077041	-0.105318	-0.78339	-0.06115
Cj1458	1	0.097476	-0.121392	0.028711	0.089905	0.040261	-2.435183	-0.48661	0.070252	-1.920298
Cj1459	1	0.27035	0.056167	-0.021951	0.000289	0.120883	0.045862	0.011925	0.170694	0.023042
Cj1460	1	0.223299	0.009777	-0.307394	0.409907	-0.347215	0.273217	0.190804	-0.379883	0.490878
Cj1461	1	0.214995	0.030407	-0.391002	-0.062656	-0.465341	0.156785	0.116099	-0.45799	0.046421
Cj1462	1	0.064055	-0.052596	-0.340441	0.141564	-0.468132	0.009777	0.022332	-0.437135	0.165172
Cj1463	1	0.108223	0.051442	-0.190339	0.100978	-0.171206	-0.084976	0.064883	-0.208228	0.025029
Cj1464	1	0.101112	0.068189	0.149129	0.080248	0.350384	-0.13242	-0.274564	0.466131	0.025171
Cj1465	1	0.046142	0.009491	-0.923578	0.387804	-1.179841	0.193204	0.38228	-1.146883	0.444773
Cj1466	1	-0.015958	0.014927	-0.734803	0.167229	-1.122177	0.157949	0.086648	-0.713829	0.189413
Cj1467	1	0.180657	0.00101	-0.540568	0.345169	-0.889503	0.222434	0.142217	-0.669786	0.375846
Cj1468	1	0.153546	0.016496	0.301588	0.281194	0.293135	0.278223	0.030548	0.388134	0.385155

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Cj1469	1	0.118758	0.014498	-0.618384	-0.049308	-0.838822	0.182057	0.08243	-0.650635	0.065434	0.094912	-0.310969
Cj1470	1	0.123269	-0.013917	-0.595097	0.100709	-0.782149	0.266876	-0.018293	-0.739854	0.092072	0.217851	-0.337339
Cj1471	1	0.161178	0.013498	0.013927	-0.222801	-0.025911	-0.026646	-0.283668	0.153546	0.012926	0.095317	-0.094033
Cj1472	1	-0.116536	0.543991	0.176323	-0.222465	0.286408	-0.25739	-0.497364	0.430178	0.018492	0.005472	-0.231752
Cj1473	1	0.015355	-0.039488	-0.58489	-0.155213	-0.457197	-0.04886	-0.174621	-0.425269	0.00317	0.010637	-0.172506
Cj1474	1	0.132116	-0.045283	-0.147042	0.029276	0.101785	-0.338068	-0.070512	0.056584	0.038998	0.171335	0.072174
Cj1475	1	0.085153	0.097746	0.355806	0.181802	0.27274	0.17557	-0.096807	0.180403	0.167229	0.15004	0.133827
Cj1476	1	0.0397	-0.002021	0.355129	0.127369	0.138945	0.085425	-0.114504	0.456175	0.367707	0.168129	0.10017
Cj1477	1	-0.054842	-0.043051	-0.996542	0.208642	-1.216921	0.196607	0.103665	-0.869069	0.402831	0.353097	-0.111539
Cj1478	1	-0.122648	0.332164	0.025171	0.090311	0.146264	0.091801	0.155231	0.174279	0.022758	0.125519	0.359521
Cj1479	1	-0.000289	0.080112	0.118758	0.044744	0.248899	-0.022977	-0.052296	0.239887	-0.039044	-0.133369	0.352533
Cj1480	1	-0.044985	0.078746	-0.047368	0.015069	-0.352732	-0.095111	-0.124377	0.196103	-0.058743	-0.141462	0.311619
Cj1481	1	0.027296	0.005184	0.070389	-0.340075	0.207018	-0.283492	-0.246395	-0.053344	-0.037266	-0.113255	-0.261708
Cj1482	1	0.127765	0.181802	-0.304541	-0.10967	-0.202738	-0.030767	0.05894	-0.090342	0.088956	0.174662	0.000865
Cj1483	1	0.1503	0.067226	-0.349971	0.147828	-0.517875	0.053111	0.065434	-0.02239	0.178619	0.32239	0.040261
Cj1484	1	0.255078	0.03492	-0.470529	0.489235	-0.595751	0.282143	0.284633	-0.594008	0.569102	0.344942	-0.39517
Cj1485	1	-0.033717	0.272501	-0.007812	-0.352363	0.082021	0.105276	-0.186886	-0.150721	-0.08712	-0.055891	-0.097888
Cj1486	1	-0.130208	-0.041566	-0.570036	-0.103302	-0.682464	0.093019	0.113434	-0.489241	0.059632	-0.005058	-0.218263
Cj1487	1	0.092749	0.034075	-0.086354	0.139731	0.155231	0.161565	0.107822	0.019488	0.021053	-0.031504	0.087734
Cj1488	1	0.108892	0.603787	-0.227861	0.019488	-0.103922	-0.000289	-0.156498	0.023752	0.023042	-0.094957	0.180148
Cj1489	1	-0.018001	-0.021219	-0.709576	-0.074001	-1.004624	0.085968	0.168899	-1.062204	0.215865	0.046142	-0.481767
Cj1490	1	0.151339	0.001442	-0.472729	0.074231	-0.676918	0.271665	0.303459	-0.68455	0.121811	0.067639	-0.253601
Cj1491	1	0.246712	-0.003033	-0.39954	0.165301	-0.261189	0.239398	0.134484	-0.113099	0.119954	0.285461	0.073409
Cj1492	1	0.221073	0.064607	0.224781	0.283092	0.228234	0.323774	0.002162	0.408494	0.314986	0.300182	-0.07552
Cj1493	1	0.231678	-0.144489	-0.079326	-0.231583	0.104873	0.0842	0.113834	-0.071118	0.059494	0.141825	0.249991
Cj1494	1	-0.121549	-0.040675	-0.529281	0.280481	-0.753653	0.183074	0.358846	-0.926317	0.329181	0.269991	-0.631511
Cj1495	1	0.213752	0.002018	-0.470929	0.093831	-0.576691	0.059771	-0.025471	-0.443988	0.145612	0.171207	0.083247
Cj1496	1	0.166458	0.462157	-0.043051	0.144699	-0.128945	0.02361	-0.320846	0.203013	0.072037	0.223299	0.006478
Cj1497	1	-0.38628	-0.06537	-0.501851	-0.868279	-0.228199	-0.25739	-0.197269	-0.530322	-0.240588	-0.082988	0.097341
Cj1498	1	-0.081003	-0.130681	-0.065068	-0.395739	-0.03697	-0.302226	-0.047965	-0.158429	-0.346848	-0.20141	0.162855
Cj1499	1	0.126841	0.013927	-0.54751	0.092207	-0.678072	0.005184	0.134089	-0.837532	0.063227	0.152248	-0.043646
Cj1500	1	0.127633	0.225028	0.179893	0.194591	0.136848	0.217975	-0.134002	0.303225	0.213005	0.122871	0.020627
Cj1501	1	-0.137965	-0.046325	-0.876731	0.067226	-0.863021	0.173511	0.406428	-0.993379	0.266517	0.233275	-0.597714
Cj1502	1	0.029983	-0.044985	-0.565972	0.094236	-0.679458	0.275126	0.146264	-0.780909	0.158337	0.087599	-0.411771
Cj1503	1	0.090582	-0.133211	0.311387	0.144046	0.210888	0.1038	0.044044	0.2444	0.082703	-0.084058	0.196733

Cj1504	1	0.050049	-0.026793	-0.41062	0.515712	-0.401825	0.148479	0.230818	-0.1976	0.317188	0.313594	-0.465938
Cj1505	1	-0.008537	-0.488228	0.074505	-0.818834	0.158078	-0.182295	-0.294243	-0.075368	-0.08896	-0.066881	0.173255
Cj1506	1	-0.055891	-0.011443	-0.218934	-0.027675	-0.160685	0.083792	0.114634	-0.226848	0.035765	0.090311	-0.003901
Cj1507	1	0.033511	-0.046176	-0.398018	0.020484	-0.443988	0.043904	-0.03697	-0.260152	-0.010716	0.006908	0.159112
Cj1508	1	0.147697	-0.008973	-0.388167	0.471344	-0.684086	0.188401	0.130667	-0.90212	0.231924	0.094777	-0.477743
Cj1509	1	0.039138	-0.043795	-0.243318	-0.066125	-0.19479	-0.02459	-0.053643	-0.33388	-0.030767	-0.124377	-0.001155
Cj1510	1	0.15549	-0.019463	-0.478145	0.122871	-0.835729	0.347212	0.235114	-0.999135	0.112767	0.029559	-0.324816
Cj1511	1	0.013784	-0.007957	-0.376508	0.192068	-0.604498	0.032524	0.197865	-0.650635	0.108892	0.122606	-0.448115
Cj1512	1	0.050049	0.220578	0.03689	0.070527	0.187388	-0.087274	-0.409853	0.370722	0.038015	-0.024883	-0.140826
Cj1513	1	0.079839	-0.118727	-0.335881	-0.164399	-0.312581	0.018634	-0.069755	-0.26708	-0.112475	-0.014645	-0.177882
Cj1514	1	0.14496	-0.030472	-0.73889	-0.005348	-1.178208	0.040542	0.123004	-0.749766	0.025879	0.102053	-0.161331
Cj1515	1	0.042784	-0.043051	-0.060397	0.141433	-0.106249	0.097206	0.112767	-0.072028	0.130536	0.099363	-0.161976
Cj1516	1	0.110096	0.051024	0.180912	0.311968	0.088684	0.252295	0.123666	0.473008	0.404031	0.259905	-0.144808
Cj1517	1	-0.214575	0.028569	-0.509841	0.092884	-0.89459	0.208517	0.079429	-0.725947	0.19774	0.130272	-0.278584
Cj1518	1	-0.107337	0.012354	-0.28736	0.124063	-0.800877	0.153935	0.129745	-0.432065	0.173767	0.072174	-0.19347
Cj1519	1	-0.067183	0.0297	0.115965	0.352081	-0.094187	0.286881	0.194591	0.164915	0.114367	0.088277	-0.181149
Cj1520	1	0.142479	-0.399159	0.172359	0.091124	0.21313	-0.152163	-0.405069	0.468948	0.165172	0.089363	-0.300804
Cj1521	1	0.024036	-1.101908	-0.660635	0.00245	-0.859614	-0.002888	0.034779	-0.649729	0.141956	0.132379	-0.334789
Cj1522	1	-0.000722	-2.173319	-0.165855	-0.180986	-0.170881	0.148609	0.063641	-0.112475	0.033088	-0.000866	-0.386657
Cj1523	1	0.040822	-2.690591	0.087734	-0.025911	0.128557	-0.064012	-0.121235	0.212881	-0.003033	0.035061	-0.111228
Cj1524	1	0.086784	-2.270904	0.231064	-0.009263	0.037874	-0.003611	-0.131945	0.257131	0.283566	0.191689	-0.307394
Cj1525	1	0.117695	-0.906169	-0.97228	-0.048711	-1.333153	-0.030767	0.297954	-1.165531	0.389897	0.286645	-0.37707
Cj1526	1	-0.368104	-1.495736	-0.584674	0.021053	-0.834956	0.034638	-0.081919	-0.274564	0.261832	0.170181	0.068877
Cj1527	1	0.233275	-0.168933	-0.312939	0.158596	-0.385714	-0.235484	0.294547	-0.048412	0.319734	0.133564	-0.091879
Cj1528	1	0.341986	-0.225835	-0.538471	0.134878	-0.671393	-0.642504	0.164529	-0.462952	0.375735	0.15069	0.081067
Cj1529	1	0.102725	0.023184	-0.280685	0.107286	-0.449296	0.195852	0.123799	-0.366243	0.0229	-0.114504	-0.213571
Cj1530	1	-0.054542	0.02148	-0.454822	0.137897	-0.775466	0.235237	0.282618	-0.243318	0.210888	0.157302	0.003746
Cj1531	1	0.241352	0.15017	0.050885	0.038155	0.051442	0.067226	0.057	0.274053	-0.061752	0.012497	0.132774
Cj1532	1	0.144177	0.040402	-0.154731	0.183074	-0.17511	0.061707	0.030265	-0.09111	0.402613	0.195096	-0.093879
Cj1533	1	0.22404	-0.016687	-0.577121	0.206393	-1.03357	0.146264	0.204266	-0.781901	0.302173	0.199374	0.011925
Cj1534	1	-0.08896	0.021195	-0.436744	0.185613	-0.782893	0.200128	0.167101	-0.238715	0.275961	0.33674	0.121679
Cj1535	1	0.022616	0.264837	0.136323	-0.261708	0.217603	-0.331699	-0.48217	0.230326	-0.446738	-0.421399	0.301588
Cj1536	1	0.137372	0.046421	-0.127526	0.073272	-0.019317	-0.049756	0.037171	0.265797	0.272143	0.166972	0.265557
Cj1537	1	-0.009699	-0.430314	0.04684	-0.345198	-0.057992	-0.19446	-0.082683	-0.209395	-0.401063	-0.15682	0.212383
Cj1538	1	0.160404	0.016924	-0.351811	0.001586	-0.431287	0.27262	0.190678	-0.304362	0.040682	0.084064	0.136848

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Cj1539	1	0.020058	-0.06356	0.140386	0.10541	0.092613	0.094371	0.090447	0.239031	0.067226	0.158596	0.219091
Cj1540	1	-0.02371	0.277271	0.100843	0.302875	0.179638	0.114634	-0.126266	0.23842	0.078883	0.011209	0.096667
Cj1541	1	-0.142895	-0.267427	0.105276	-1.469929	0.583327	0.513491	2.010923	-0.007377		0.059632	0.213378
Cj1542	1	-0.089728	-0.160685	-0.050652	-0.381385	-0.041269	-0.102682	0.001442	-0.087427	-0.235484	-0.093417	0.163112
Cj1543	1	0.025738	0.040822	-0.070663	-0.07963	0.116631	-0.547088	-0.372954	0.146134	-0.210062	0.08352	0.194339
Cj1544	1	-0.060096	0.515511	0.075464	0.379177	0.212507	0.166844	-0.252742	0.361881	0.235237	0.127237	0.033511
Cj1545	1	-0.25877	-0.124063	0.046421	-0.262919	-0.007812	-0.192975	0.046421	-0.232599	-0.08804	-0.048263	0.121546
Cj1546	1	0.1145	-0.021511	-0.246909	-0.075368	-0.052745	0.131326	0.218595	-0.110293	0.07286	0.001298	0.168899
Cj1547	1	-0.084976	0.037453	-0.204067	0.061984	0.129085	0.167358	0.108625	0.151339	-0.174133	0.037734	0.186501
Cj1548	1	-0.337521	0.247685	-0.281386	0.189793	0.221073	0.09815	-0.109826	0.331591	0.124328	0.001874	0.04684
Cj1549	1	-3.638456	-0.213404	-0.074001	-0.214575	-0.176414	-0.067788	-5.00231	-0.393463	-0.40316	-0.221119	0.015212
Cj1550	1	-3.880445	-0.000289	-0.244002	-0.053943	-0.183933	0.130536	-4.756331	-0.132894	-0.066881	-0.027969	-0.476538
Cj1551	1	-2.805913	0.051442	0.283922	2.629077	0.446997	-3.414268		0.258217	0.903424	0.171719	0.572211
Cj1552	1	-1.605596	0.741661	0.331247	0.644041	0.573568			0.547845	0.051998	-0.0511	-0.094957
Cj1553	1	-0.990796	-0.314912	0.254473	-0.219438	0.31904	4.926298		0.07779	0.635244	-2.129103	0.941632
Cj1554	1	-2.087427	-0.264478	0.256286	-0.908876	0.437334	-0.631735	-1.955116	0.042224	-0.324816	-0.105628	0.116498
Cj1555	1	-1.121863	-0.209061	0.260267		0.359296	-1.487621	-1.316887	0.181421	-1.572608	-0.33898	0.040822
Cj1556	1	-1.752437	0.167743	0.296076	0.307895	0.023468	0.106884	-0.565332	0.46048	0.249749	0.171335	-0.079173
Cj1557	1	-1.178208	-0.33661	-0.14003	0.035202	-0.330066	-0.064917	0.017494	-0.062354	-0.033274	-0.040823	0.021053
Cj1558	1	-2.198262	-0.307216	0.201759	-0.071724	0.240253	-0.040972	0.143263	0.111833	-0.081461	0.101247	-0.047517
Cj1559	1	-1.138283	-0.02239	0.069702	0.182946	-0.149921	0.07738	0.0719	0.329296	0.196859	0.229096	-0.020194
Cj1560	1	-0.795859	-0.038747	0.344601	0.147437	0.162081	-0.75877	-0.387978	0.49416	0.190299	0.1141	-0.086507
Cj1561	1	-0.252742	-0.158107	-0.015666	0.034075	-0.027087	-0.16942	-0.197931	-0.055142	0.009491	0.148348	-0.169582
Cj1562	1	-0.242977	-0.100824	0.008774	0.092072	-0.057091	-0.109359	-0.127683	0.076012	0.03196	0.16543	0.078063
Cj1563	1	-0.197765	0.556993	0.280125	0.950319	0.621993	2.650627		0.245861	2.055508	0.53456	0.480679
Cj1564	1	0.111566	0.626486	0.402831	0.267716	0.532666	-0.10036	-0.093571	0.580531	0.410992	0.510152	0.037312
Cj1565	1	0.234256	-0.028558	-0.22095	-0.142099	-0.165855	0.09126	0.066813	-0.069755	0.061292	0.035765	-0.495532
Cj1566	1	-0.792607	0.029276	-0.85909	-0.215077	-0.941476	-0.63554	-0.235654	-0.936773	0.534659	0.35727	-0.722848
Cj1567	1	0.024036	0.009777	0.229465	0.144699	0.185359	0.135535	0.037171	0.24123	0.009634	0.063089	-0.068998
Cj1568	1	-0.053494	0.024036	-0.286656	0.511772	-0.418311	0.187008	0.398679	-0.456009	0.311619	0.273576	-0.638456
Cj1569	1	-0.067636	-0.338798	-0.040527	-0.284194	0.116365	-0.316348	-0.24366	-0.094803	-0.187871	-0.208228	-0.243489
Cj1570	1	-0.047666	-0.023563	-0.111072	-0.317067	-0.317786	0.027154	0.114634	-0.127211	0.023042	-0.17511	-0.192975
Cj1571	1	-0.050951	-0.016395	-0.206562	0.102591	-0.637109	-0.153928	0.022048	-0.328435	-0.073697	-0.199255	-0.422752
Cj1572	1	-0.053344	0.59579	0.54745	-0.079326	0.622274	-0.196112	-0.234465	0.560911	0.204266	-0.021072	-0.086661
Cj1573	1	0.906044	0.705049	0.077106		0.379288	0.367147	-0.155855	-0.106249	0.627607	0.007052	0.511873

Cj1574	1	-0.181313	-0.006942	-0.555545	0.358284	-0.894858	0.22367	0.347779	-0.703454	0.267236	0.189034	-0.413307
Cj1575	1	0.016211	0.3639	0.269033	0.115033	0.394075	0.111031	-0.009844	0.439357	0.082566	0.009347	0.479955
Cj1576	1	0.065572	0.502636	0.086648	0.003746	0.221197	0.19333	-0.161815	0.356707	0.1333	0.012926	0.351289
Cj1577	1	-0.169582	-0.060247	-0.252398	-0.182295	-0.271601	-0.140189	-0.048263	-0.287008	-0.112163	-0.082988	-0.313298
Cj1578	1	-0.185245	0.056167	-0.127841	-0.047965	-0.097733	-0.077193	0.121944	-0.03549	0.125916	0.009491	-0.145925
Cj1579	1	0.053389	0.220454	-0.077193	-0.202406	0.187894	-0.171531	0.063641	0.196355	-0.035195	0.005184	0.065848
Cj1580	1	0.011496	0.648465	0.337426	-0.18968	0.445833	-0.142576	-0.452057	0.592636	-0.102217	-0.007812	0.03492
Cj1581	1	0.005903	0.020342	-0.629724	-0.119197	-0.827769	0.155102	-0.400082	-0.516842	0.057831	0.064607	-0.101289
Cj1582	1	-0.061752	0.12499	-0.055291	-0.004914	-0.110449	0.051163	0.069152	0.013641	0.064469	0.136454	-0.077954
Cj1583	1	0.178747	0.533962	0.259303	-0.078107	0.317883	-0.193965	-0.057542	0.278104	0.052138	-0.218934	0.061016
Cj1584	1	0.059217	0.648373	0.201257	-0.798617	0.513289	-0.091418	-0.196608	0.466027	-0.026646	-0.005638	-0.209728
Cj1585	1	-2.623265	-2.171368	-0.198262	-0.33661	-0.390623	-0.113411	-0.111383	-0.316169	-0.208728	-0.841404	0.069702
Cj1586	1	0.059632	0.008057	-0.021951	-0.013334	-0.024296	-0.132578	0.162855	0.054223	0.047678	-0.01917	0.153935
Cj1587	1	0.225152	0.061707	-0.20573	0.024603	0.135535	0.107018	0.054779	0.147697	-0.067788	-0.056791	-0.001732
Cj1588	1	0.168385	0.004609	-0.1882	0.24184	-0.211231	0.000721	-0.169096	-0.144967	0.228726	0.042644	-0.046623
Cj1589	1	0.024603	-0.216921	-0.110137	-0.344648	-0.111539	-0.125636	0.063089	-0.122177	0.038577	-0.161008	0.1129
Cj1590	1	0.253021	-0.088807	-0.038599	-0.566613	-0.054093	-0.232939	0.043764	0.067501	-0.302048	-0.130997	0.224287
Cj1591	1	0.137897	-0.009118	-0.219102	0.14978	-0.388733	-0.028852	-0.123905	-0.221287	0.088684	0.143002	-0.063711
Cj1592	1	-0.078259	-0.040972	-0.297963	0.325156	-0.266732	0.078883	-0.339345	-0.262573	0.105812	0.128293	-0.691756
Cj1593	1	0.143002	0.012211	-0.647241	0.351515	-0.892714	0.220701	0.432318	-1.254978	0.469886	0.310689	-0.708396
Cj1594	1	0.085833	-0.038006	0.167486	-0.904278	0.214995	-0.147042	-0.13622	-0.016395	-0.240929	-0.291239	0.299245
Cj1595	1	0.140386	-0.107182	0.083111	0.151989	0.15082	0.026588	-0.013625	0.121811	0.063365	0.069152	0.069015
Cj1596	1	-0.021365	0.057554	0.147697	0.278698	0.205518	0.119821	-0.08024	0.321235	0.227125	-0.028116	-0.141621
Cj1597	1	0.061016	-0.500218	0.10742	-0.014937	0.290896	-0.079326	0.018777	-0.065974	-0.183277	-0.124534	-0.063108
Cj1598	1	-0.134952	-0.009408	-0.088193	0.11023	-0.1181	0.093831	0.074368	0.007052	-0.050204	-0.080698	-0.172831
Cj1599	1	0.037171	-0.131155	0.253989	0.083384	0.198368	0.251931	0.0297	0.310689	-0.252054	-0.00231	0.091395
Cj1600	1	-0.060247	0.134615	0.364012	0.123401	0.223546	0.091801	-0.224317	0.537048	-0.004045	-0.173482	-0.25068
Cj1601	1	-0.237694	-0.029146	0.000577	-0.265171	-0.151522	-0.272646	-0.075064	-0.167475	-0.301337	-0.332607	-0.3893
Cj1602	1	-0.994528	-0.010861	0.032806	-0.186229	-0.185409	-0.387789	-0.021951	-0.090189	-0.299028	-0.523463	-0.040378
Cj1603	1	-0.186393	-0.08712	0.196229	0.026871	0.268913	-0.093417	0.003314	0.248413	-0.172669	-0.128156	0.042644
Cj1604	1	-0.110137	0.041243	0.380397	0.062122	0.257373	-0.097733	-0.230228	0.563549	0.122474	0.032242	-0.198262
Cj1605	1	-0.236333	-0.682001	0.048236	-0.080393	0.100978	-0.560005	-0.519942	-0.12926	-0.100979	-0.085742	0.011209
Cj1606	1	-0.030472	-0.332426	0.243182	-0.054542	0.118493	-0.39498	0.134878	0.00992	-0.117631	-0.03549	0.100843
Cj1607	1	0.245861	0.039279	0.18409	-0.374075	0.585828	-0.170232	-0.103457	0.361993	0.172488	0.123931	0.118758
Cj1608	1	0.159758	-0.035786	-0.173319	0.35321	-0.238885	0.069152	0.020484	0.11929	0.317883	0.223423	-0.369408

Cj1609	1	0.070115	0.005759	0.004178	0.092613	-0.054093	0.155102	0.159758	-0.058593	0.116365	0.06226	0.032101
Cj1610	1	0.005041	0.124328	0.089905	-0.133685	0.396379	-0.240077	0.061845	0.119954	-0.368104	0.008774	0.044184
Cj1611	1	0.125254	0.072998	0.325847	0.275961	0.281075	0.036327	0.109561	0.359071	0.110497	0.070939	0.146264
Cj1612	1	0.069152	0.016496	0.4728	0.333767	0.167101	0.094641	0.075601	0.397693	0.386701	0.151729	0.0082
Cj1613	1	0.098015	-0.208061	0.097476	-0.005638	0.194213	-0.068998	-0.244002	-0.096807	-0.126266	-0.038747	-0.120294
Cj1614	1	0.153416	-0.213404	0.102322	0.195474	-0.21424	0.147828	0.188781	0.059909	-0.090649	0.022758	-0.049756
Cj1615	1	-0.271426	0.171079	0.282618		0.439464	2.883152	-0.924125	0.296193		1.40305	-0.258425
Cj1616	1	0.094101	0.799833	0.386038	0.131721	0.639417	-0.117631	-0.430314	0.607863	0.135009	-0.068998	-0.270556
Cj1617	1	0.179384	-0.215245	0.006334	0.039138	0.071763	0.103531	-0.143213	-0.005782	-0.007522	0.043764	-0.205064
Cj1618	1	-0.358639	-0.299738	0.097476	0.054779	0.184725	-0.028558	-0.256183	0.108089	-0.019317	0.062951	0.151989
Cj1619	1	-0.159557	0.201257	0.307895	-1.045729	0.464773	0.06695	-0.132736	0.220701		0.082021	0.021195
Cj1620	1	-0.073545	0.392537	0.274291	-0.29814	0.238665	-0.273343	-0.334062	0.46069	0.135535	-0.07765	-0.140985
Cj1621	1	-0.375946	1.07567	0.080658		0.340163	0.878608	0.657183	-0.072028	0.766129	0.045583	1.698352
Cj1622	1	-0.213738	0.312084	0.172872	0.076833	0.342213	0.014498	0.077653	0.181929	0.116764	0.057416	0.395392
Cj1623	1	0.058801	0.552672	0.177344	-1.865648	0.470823	0.033934	0.060462	0.370164	-0.580138	0.063503	0.640436
Cj1624	1	-0.134477	0.38648	0.413702	0.052277	0.413702	-0.025324	-0.096036	0.584097	0.147437	-0.011006	0.342441
Cj1625	1	-0.518288	0.146786	0.15004	0.141433	0.259423	0.064193	-0.078716	-0.092494	0.035624	0.152378	0.194339
Cj1626	1	-0.152003	-0.012752	0.178364	0.078746	0.130272	0.117562	0.121546	0.127369	0.087463	0.097611	0.041383
Cj1627	1	0.245617	0.703012	0.292428		0.644687	-0.817308	-2.342269	0.45607	-0.079783	0.259423	0.424385
Cj1628	1	-0.204898	1.126576	0.216486	-5.717857	0.574053	-0.453439	-0.059946	0.531868		0.195977	2.138257
Cj1629	1	0.037593	-0.03934	-0.751708	0.395502	-0.979658	0.400429	0.369941	-1.016249	0.453122	0.344033	-0.507173
Cj1630	1	-0.08467	0.548831	0.1396	0.074505	0.298658	0.098285	0.087055	0.173639	0.167358	0.190678	0.536948
Cj1631	1	0.142087	0.500394	0.217727	0.247198	0.307662	0.154583	0.057	0.401521	0.062674	0.101516	0.380064
Cj1632	1	0.15017	0.646808	0.436908	0.164915	0.406754	0.290306	-0.032831	0.472072	0.271784	0.154065	0.251204
Cj1633	1	0.019773	-0.509635	0.013498	-0.372393	0.027012	-0.085129	-0.013917	-0.070663	-0.109981	-0.013043	0.301822
Cj1634	1	0.093831	-0.106405	0.1137	-2.598588	-0.048711	-0.166503	-0.054242	-0.075368	-0.319766	-0.127211	0.100574
Cj1635	1	-0.008682	-0.182131	0.152508	-0.004769	0.071488	-0.062957	-0.041863	0.20201	-0.140507	-0.03623	0.171847
Cj1636	1	0.149389	0.018777	-0.337886	0.174534	-0.444773	0.226139	-0.041714	-0.366057	0.011066	0.009347	0.053528
Cj1637	1	0.199248	-0.041269	-0.359749	-0.304006	-0.334425	0.098554	0.20389	-0.610653	0.045443	0.000289	-0.13622
Cj1638	1	0.14509	-0.192975	0.027296	-0.136854	-0.007667	0.137504	0.091395	-0.028999	-0.130523	0.104873	0.295253
Cj1639	1	0.176706	0.029418	-0.225835	0.222681	-0.306502	0.188021	-0.008973	-0.082225	0.035483	0.234133	0.085289
Cj1640	1	0.036749	0.020484	-0.12202	0.388796	-0.482775	0.225275	-0.090035	-0.09234	0.154972	0.266277	-0.137965
Cj1641	1	-0.002888	-0.006507	-0.348133	-0.022977	-0.655863	0.067226	0.175684	-0.759747	0.166073	0.096397	-0.111072
Cj1642	1	0.035483	-0.3485	0.190299	-2.276485	0.253142	-0.123591	0.092207	0.027579	-0.524915	0.004322	0.232538
Cj1643	1	0.053945	-0.058293	-0.130208	0.112367	-0.140826	-0.000866	0.064331	-0.120451	-0.062354	-0.002021	0.210514

Cj1644	ispA	1	0.001154	0.059632	0.065159	0.258338	-0.065521	0.041804	-0.092494	0.271187	0.237931	0.043484	0.08352
Cj1645	tkf	1	-0.187214	-0.246738	0.204266	0.746485	0.474047	0.589763	-0.456207	-0.054093		0.074916	-0.023563
Cj1646	iamB	1	0.008774	0.008917	-0.231413	0.156397	-0.267601	0.112367	0.090582	-0.209395	0.143263	0.050467	-0.073241
Cj1647	iamA	1	0.200128	0.066261	0.182946	0.165044	0.257011	0.106214	0.131063	0.263876	-0.229382	0.044884	0.124196
Cj1648		1	-0.006362	0.393965	0.406646	0.126709	0.829931	-1.583376	-0.237013	0.517427	-0.001732	0.058247	-0.011588
Cj1649		1	0.109695	-0.06115	-0.277009	0.037312	-0.179351	0.060877	0.084881	-0.248965	0.086648	0.032947	0.044744
Cj1650		1	0.195474	-0.227016	0.172231	-0.054093	0.191184	0.044744	0.045303	0.105276	-0.067485	-0.034751	-0.057091
Cj1651		1	0.160146	-0.177882	0.266637	0.17645	0.323774	-0.189022	-0.131629	0.283566	-0.139871	-0.037266	0.289952
Cj1652		1	0.142609	0.167615	-0.138918	0.081203	-0.406025	-0.324816	-0.396308	0.442545	-0.028705	-0.001588	-0.12312
Cj1653		1	0.110096	-0.446934	-0.012024	-0.292475	0.059494	-0.213906	-0.133685	-0.069452	-0.402207	-0.103612	0.0202
Cj1654		1	0.010493	-0.165531	-0.059044	-0.088347	-0.196938	-0.017563	-0.172344	-0.15859	-0.168609	-0.122491	0.149129
Cj1655		1	0.045443	-0.002744	-0.425269	0.182692	-0.511279	0.09329	0.058109	-0.459378	0.1145	0.10608	-0.016103
Cj1656		1	0.017067	0	0.158078	0.1995	0.093154	0.094236	-0.266038	0.413486	0.185105	0.132116	-0.190833
Cj1657		1	-0.178045	-0.137965	-0.086507	-0.07552	-0.115285	0.114367	-0.104387	-0.131787	-0.096499	-0.189351	-0.220782
Cj1658		1	0.017494	-0.039933	0.050606	0.048934	0.176706	0.083111	0.075875	0.0397	0.04991	0.071351	-0.082225
Cj1659	p19	1	-0.122491	0.690015	0.348006	0.57289	0.455965	1.061361	0.783415	0.274291		0.22033	0.419323
Cj1660		1	-0.079478	0.656359	0.372061	0.185359	0.623867	0.008487	-0.362529	0.551393	0.307079	0.075327	0.055612
Cj1661		1	0.079975	0.00992	-0.142099	-0.02503	-0.097579	0.028145	0.094101	-0.200084	0.113434	-0.002455	-0.093571
Cj1662		1	-0.04023	-0.202074	0.126444	0.025738	0.092478	0.029135	0.035483	0.061845	-0.027528	0.055751	-0.043497
Cj1663		1	0.225645	-0.035934	-0.039488	0.328262	-0.390812	0.409147	0.153935	-0.19446	0.340847	0.27608	0.041383
Cj1664		1	-0.019317	0.376846	0.249627	0.198368	0.413377	0.182311	-0.152965	0.520246	0.279174	0.027579	-0.067183
Cj1665		1	-0.323011	-0.028558	-0.742024	0.390117	-0.70228	0.253384	0.426211	-1.004335	0.416948	0.274411	-0.502873
Cj1666		1	-0.154249	-0.192645	-0.167312	-0.059645	0.071625	0.154194	0.028145	0.002883	0.068327	0.05797	0.017922
Cj1667		1	-0.42082	0.206393	0.175812	-1.016541	0.213254	0.044324	-0.049905	0.215244	-0.631958	0.071213	-0.138759
Cj1668		1	-0.330066	0.476226	0.34551	0.260507	0.359296	0.156267	-0.16942	0.325617	0.381948	0.226262	-0.319586
Cj1669		1	0.060047	0.087599	-0.149281	0.264596	-0.18968	0.415001	0.289952	-0.132578	0.252295	0.138552	0.200881
Cj1670		1	0.008917	0.478609	0.163499	0.213627	0.389126	0.254836	0.020627	0.183709	0.264236	0.128689	0.364572
Cj1671		1	0.161178	0.490673	0.262794	0.286999	0.595408	0.110764	0.147958	0.476641	0.292075	0.10286	0.50924
Cj1672		1	0.138814	0.819995	0.382391	-0.272472	0.651683	0.041523	-0.081614	0.54962	-0.067334	0.177471	0.23352
Cj1673		1	-0.137172	0.398569	0.047818	1.50121	0.406972	2.39742	1.627373	-0.059345	4.306255		0.151859
Cj1674		1	-0.282439	0.042224	-0.62638	0.122474	-0.583809	0.237686	0.239765	-0.492687	0.207643	0.080385	-0.131945
Cj1675	fliQ	1	-0.160202	0.006334	-0.256011	0.226509	-0.271426	0.269632	0.302407	-0.062656	0.364797	0.238665	-0.413884
Cj1676	murB	1	-0.511485	0.1995	-0.149441	-0.318326	0.294312	-0.411771	-0.277359	0.450169	0.124063	0.156397	-0.354391
Cj1677		1	-1.058293	-0.035195	-1.354391	-0.670245	-0.921117	-0.688962	0.241108	-1.534078	0.340163	0.231432	-0.751465
Cj1678		1	-3.293359	-0.639804	-0.611976	-0.037858	-1.086507	-1.031799	0.463204	-1.505124	-0.09542	-0.304897	-0.746132



Cj1679	1	-2.37258	-1.041269	0.050606	0.366252	-0.037118	-3.358454	0.268315	0.056584	0.318693	0.203765	0.113034
Cj1680	1	-0.246395	-0.009699	-0.427013	0.218471	-0.381385	-0.099433	0.076285	-0.231244	0.314523	0.180657	-0.230567
Cj1681	1	-0.005203	-0.287184	0.051302	-0.28086	0.180021	-0.102063	0.105142	-0.108425	0.013355	-0.047816	0.278936
Cj1682	1	0.043064	-0.090957	0.046142	-0.202074	0.038717	-0.06115	0.225522	0.014641	-0.047219	-0.029735	0.292075
Cj1683	1	0.026304	0.201383	0.123401	-0.187707	-0.005782	-0.073545	-0.027675	0.124857	-0.136537	0.047818	0.374622
Cj1684	1	-0.415037	0.781318	0.26135	-0.407172	0.379843	-0.174133	-0.347399	0.252658	-0.290004	-0.06809	0.097476
Cj1685	1	-0.000144	-0.429343	-0.018732	-0.398018	-0.069452	-0.325901	0.035202	-0.293713	-0.25257	-0.253601	0.218223
Cj1686	1	0.210389	-0.005927	-0.04439	0.131853	-0.115597	0.162726	0.271545	-0.155373	0.057277	0.162855	0.04977
Cj1687	1	0.497944	0.045024	-0.15682	0.182692	-0.105628	0.109561	0.013212	-0.007377	0.056306	0.139339	0.217479
Cj1688	1	0.346985	0.697863	-0.035786	0.246834	0.122871	0.071076	-0.182622	0.219463	0.008487	0.041804	-0.064314
Cj1689	1	0.203389	-0.300804	-0.185737	-0.244172	-0.214073	0.025454	0.20201	-0.310254	-0.079326	-0.081766	0.232415
Cj1690	1	0.145351	-0.244685	0.045443	-0.291239	-0.065068	-0.062656	0.122341	-0.060548	-0.190997	-0.079326	0.220082
Cj1691	1	0.298658	-0.007957	0.074916	-0.044687	0.183709	-0.233786	0.020484	0.180912	-0.42876	0.102591	0.192447
Cj1692	1	0.126312	0.102188	0.273337	0.240986	0.324695	0.017494	-0.151683	0.388686	0.08243	0.096532	0.097611
Cj1693	1	0.08787	-0.055291	-0.294243	-0.112007	-0.249136	-0.011152	0.099363	-0.407555	-0.007812	0.004609	-0.097733
Cj1694	1	-0.174621	0.024178	0.313246		0.359296	1.186057	-0.761702	0.005472	1.803599	-0.264305	0.266517
Cj1695	1	-0.031504	-0.032684	-0.13622	0.179129	-0.06673	0.068052	0.131589	-0.03357	0.102591	0.053667	-0.389111
Cj1696	1	0.015212	0.423524	0.30229	-0.248451	0.40294	-0.148641	-0.433428	0.513996	-0.019609	-0.158912	0.019773
Cj1697	1	0.118493	-0.21073	-0.050951	-0.212066	-0.06673	-0.026793	-0.062053	-0.176251	-0.155695	-0.038006	0.107554
Cj1698	1	-0.005493	0.024178	0.063779	-0.120765	-0.115129	0.056445	0.110363	-0.102837	-0.072483	-0.032684	-0.176088
Cj1699	1	0.1133	-0.12422	0.27274	-0.046027	0.185486	-0.259806	-0.142258	0.27035	-0.360675	0.008343	0.087191
Cj1700	1	-0.014208	-0.007522	-0.360305	0.236462	-0.279109	0.10742	-0.099587	-0.546667	0.243913	0.127897	-0.627271
Cj1701	1	-0.025911	-0.015958	-0.327348	-0.262746	-0.265691	-0.078868	-0.122491	-0.431481	-0.046176	0.069702	-0.014791
Cj1702	1	0.043484	-0.236503	0.124063	-0.058894	0.166715	0.070939	0.050606	0.079156	-0.131471	0.132116	0.126576
Cj1703	1	0.026446	-0.180332	-0.177882	-0.016103	0.044884	0.000144	-0.001443	-0.109048	-0.115285	0.037312	0.224534
Cj1704	1	0.066399	0.351967	0.054918	-0.312402	0.299948	-0.684086	-0.389111	0.352871	-0.237524	-0.07552	-0.069149
Cj1705	1	0.037171	-0.185573	0.189287	0.518938	0.379954		-1.174947	0.030265			-2.297608
Cj1706	1	-0.100206	-0.135903	0.051302	0.149389	0.072449	-0.043497	0.017494	0.058109	-0.161492	-0.024883	0.178109
Cj1707	1	0.028003	0.052416	0.267476	-0.144329	0.260989	-0.145286	-0.182786	0.284988	-0.248451	-0.174459	-0.005782
Cj1708	1	-0.015958	0.016068	-0.34172	0.182057	-0.183441	0.063641	-0.148961	-0.338433	0.275484	0.091937	-0.408704
Cj1709	1	-0.153286	-0.290356	-0.028999	-0.693388	0.1644	0.139339	-0.157946	-0.100515	-0.455614	-0.116848	-0.357899
Cj1710	1	-0.117005	0.026021	-0.308645	0.351176	-0.566613	0.286881	0.369941	-0.32916	0.398569	0.217603	-0.448902
Cj1711	1	0.012497	0.019773	-0.076737	0.243547	-0.067788	-0.004769	0.047259	0.05172	0.267716	0.235114	0.036327
Cj1712	1	-0.09111	0.008774	0.018492	0.341986	0.117695	0.131458	0.03337	0.265917	0.51248	0.250477	-0.03357
Cj1713	1	-0.003756	-0.201908	0.000289	-2.098506	0.11023	-0.442811	-0.223812	-0.105473	-2.691523	-0.030914	-0.232091

Cj1714	1	-0.030325	0.004322	-0.173157	0.077653	-0.156016	0.249142	0.180275	-0.059345	0.173255	0.155361	0.046421
Cj1715	1	0.038717	0.002018	-0.36736	0.210888	-0.550043	0.015069	0.183709	-0.387412	0.432959	0.225645	-0.079326
Cj1716	1	0.095317	0.430606	-0.085895	0.175173	0.145873	0.122739	-0.038303	0.181929	0.397036	0.274172	0.028145
Cj1717	1	0.219215	0.129876	0.162855	0.591967	0.240009	-1.029146	-0.756818	-0.093725		-0.702046	-0.028852
Cj1718	1	-0.075976	0.055473	0.170822	0.0229	0.1149	-0.13005	0.056306	0.076696	-0.12202	-0.060247	0.133827
Cj1719	1	-0.143054	0.211261	0.270708	-0.035343	0.463518	-0.152484	-0.297786	0.286053	-0.157303	-0.082072	0.100439
Cj1720	1	0.301939	0.906275	0.351515	-0.003177	0.529871	-1.169745	-3.943416	0.43776		0.280362	0.392207
Cj1721	1	-1.083447	-0.775219	-0.037118	-0.43226	0.142479	-3.303294	-2.469929	-0.047368	-0.302404	-0.107959	0.155361
Cj1722	1	-1.924125	-0.738409	-0.443791	0.147046	-0.522634	-2.179188	-1.803897	-0.273169	0.102994	0.066399	0.131721
Cj1723	1	-1.455614	0.006765	-0.069906	0.240986	-0.110916	-1.394032	-1.173319	0.203765	0.163628	0.010207	0.159629
Cj1724	1	-0.41523	-0.011443	-0.171044	0.450485	-0.444969	-0.249994	0.134089	-0.21843	0.369941	0.24184	-0.485398
Cj1725	1	-2.508814	-0.045729	-0.530531	0.041944	-0.93126	0.137372	0.161565	-0.789861	0.077516	0.101919	-0.094187
Cj1726	1	-3.32771	-0.021658	-0.271426	0.292311	-0.5664	0.291957	0.364797	-0.195781	0.113567	0.015926	-0.102063
Cj1727	1	-1.8847	0.004034	0.098689	0.24184	-0.050652	0.256528	0.208268	0.295841	0.268434	-0.032831	0.396269
Cj1728	1	-0.297608	0.432425	0.182692	-0.565332	0.345169	-0.413307	-0.104232	0.563549	-0.321748	-0.206229	0.253142
Cj1729	1	-0.592049	-0.862759	0.054779		0.089634	-2.519528	-1.200913	-0.098197	-0.180659	-1.883635	-0.852042
Cj1730	1	0.243791	0.064193	-0.362343	0.245131	-1.121549	0.288181	0.272262	-0.831615	0.278223	0.160791	0.264476
Cj1731	1	-0.12422	0.586789	0.317999	1.802772	0.52095	0.624709	-4.640254	0.319965	1.691266	4.761785	0.20989