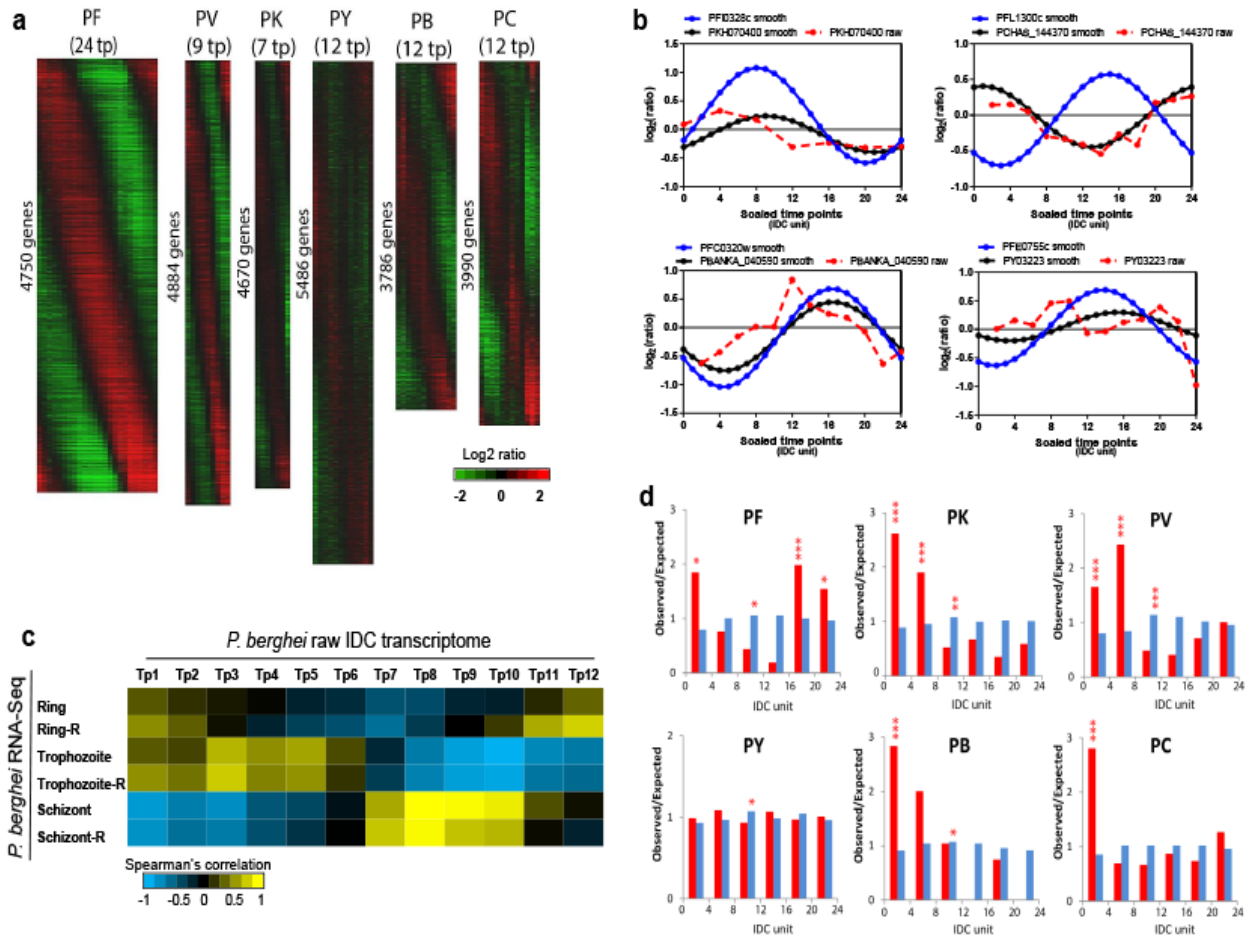


Supplemental Data

Supplementary Figure 1

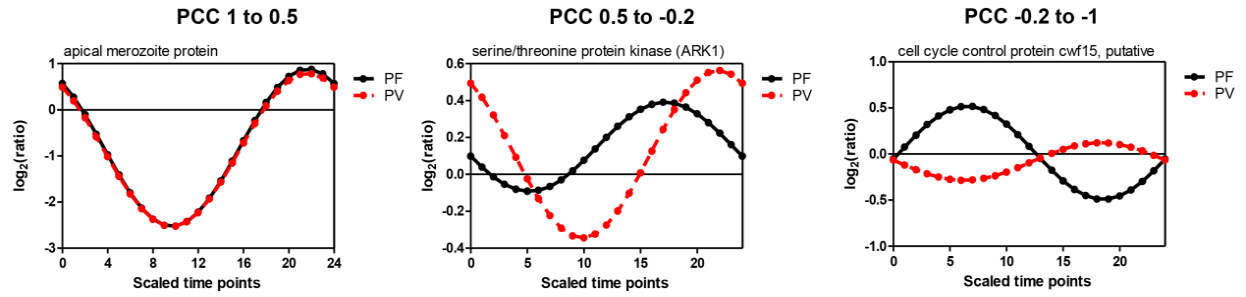


Supplementary Figure 1: Transcriptome of *P. falciparum*, *P. vivax*, *P. knowlesi*, *P. berghei*, *P. yoelii* and *P. chabaudi*

(a) Raw intraerythrocytic developmental cycle (IDC) transcriptome profiling for *P. falciparum* (Foth et al., 2011) (4750 genes), *P. vivax* (Bozdech et al., 2008) (4884 genes), *P. knowlesi* (Lapp et al., 2015) (4670 genes), *P. yoelii* (5486 genes), *P. berghei* (3787 genes), and *P. chabaudi* (3990 genes) at different IDC time-points. The phaseograms were generated from the log₂ expression ratio and each profile was median centered, with the complete IDC timing indicated above of the different phaseogram. (b) Examples of log₂ expression ratios of orthologous genes in different *Plasmodium* species. The expression profile of the raw dataset for each gene (red line) is best fitted into a sine function which is projected into 25 data points in black line (see methods), as compared to *P. falciparum* (blue line), Related to Figure 1A. (c) Comparison of *P. berghei* RNA seq data to *P. berghei* microarray dataset. Heatmap showed the overall Spearman's correlation coefficient matrix calculated from the ring, trophozoite and schizont stage of *P. berghei* RNA-seq expression values (Otto et al., 2014) from versus *P. berghei* raw

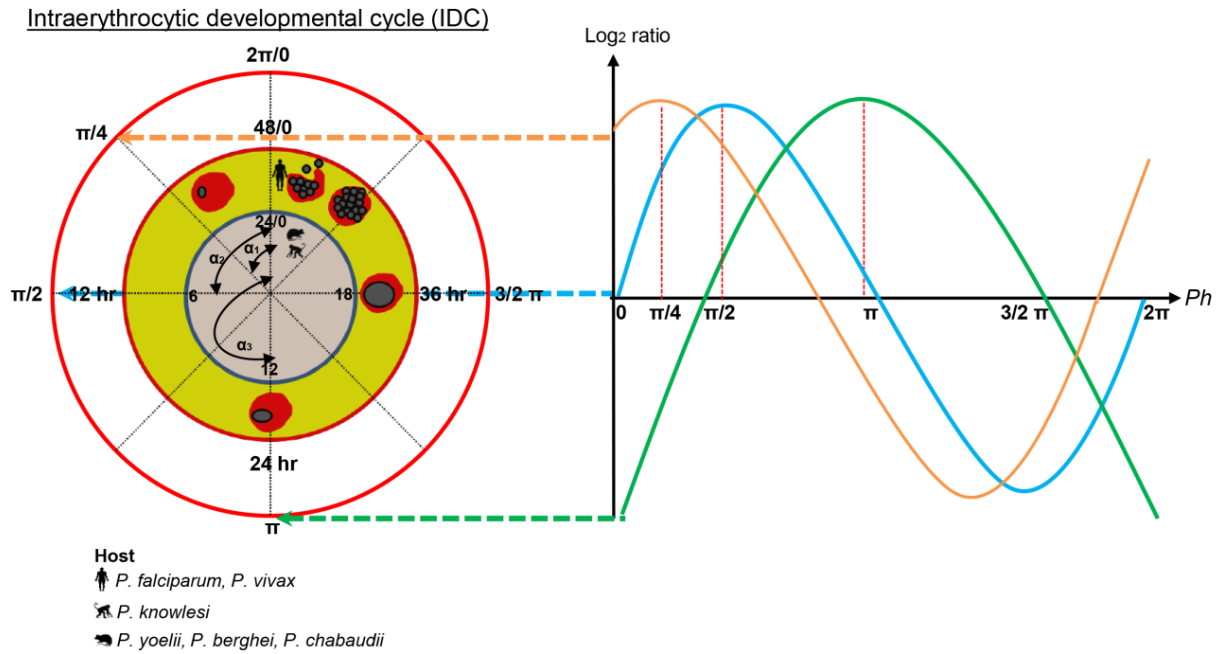
transcriptomes. **(d)** Barplots show the enrichment of stage-specific (peak expression at a particular time interval) genes for 2312 syntenic orthologous (blue bars) and species-specific genes (red bars) of *P. falciparum* (84 genes), *P. knowlesi* (245 genes), *P. vivax* (457 genes), *P. yoelii* (1436 genes), *P. berghei* (29 genes), and *P. chabaudi* (136 genes). The y-axis of observed/expected represents the measurement of enrichment which is the ratio of observed frequency of stage-specific genes to total number of syntenic orthologous/species-specific genes over the ratio of expected frequency of those stage-specific genes to whole genome. Red asterisks represent the significant level of enrichment by binomial test. $P < 0.05$ (*), $P < 0.01$ (**) and $P < 0.001$ (***)).

Supplementary Figure 2



Supplementary Figure 2: Representative examples of \log_2 expression ratios of orthologous genes in *P. falciparum* (black line) and *P. vivax* (red line) with PCC scores of 1 to 0.5, 0.5 to -0.2 and -0.2 to -1.

Supplementary Figure 3



Supplementary Figure 3: IDC adjustment and projection onto sine wave function
Outermost circle in red represents the phase ($0-2\pi$) which corresponds to the parasites IDC in hr at the inner circle (yellow). The time points in hr are adjusted into phase based on the equation described in the methods section.

Supplementary Table 1: Processed microarray hybridization data of *P. falciparum* (24 time-points), *P. knowlesi* (7 time-points), *P. vivax* (9 time-points), *P. yoelii* (12 time-points), *P. berghei* (12 time-points) and *P. chabaudi* (12 time-points) IDC transcriptome

The table represents log₂ ratio of mRNA abundance over pooled reference sample from equal mass of RNA from all time-point samples. The raw microarray data were subjected to “normexp” background correction followed by LOWESS (locally weighted scatterplot smoothing) normalization within each array and quantile normalization between arrays using Limma package of R. The data were filtered as described in method section. Related to Figure 1a.

***P. falciparum* (dd2)**

geneid	TP01	TP02	TP03	TP04	TP05	TP06	TP07	TP08	TP09	TP10	TP11	TP12	TP13	TP14	TP15	TP16	TP17	TP18	TP19	TP20	TP21	TP22	TP23	TP24
PF07_0009	1.54618	1.0143	0.80159	1.09067	1.4068	0.58109	0.14742	0.17137	-0.00655	-0.43707	-0.48581	-0.27159	-0.56451	-0.55757	-0.71978	-0.92737	-0.39851	-0.87396	-0.03656	0.2922	0.38111	-0.024	0.59784	1.16558
PFE1440c	0.76779	0.58954	0.69183	0.88593	0.85327	0.91161	0.87339	0.69227	0.66223	0.34193	0.1042	0.17039	0.03707	-0.02616	-0.1695	-0.07326	-0.08948	-0.11067	0.325	0.32734	0.53806	0.54177	0.75169	0.65999
PF1377w	0.51408	0.56092	0.44051	0.53879	0.60322	0.42914	0.00262	-0.01434	-0.04586	-0.1607	-0.05363	-0.01853	-0.00143	-0.0841	-0.01995	-0.13498	-0.09212	-0.09817	0.22727	0.11406	0.38563	0.45798	0.50116	0.70628
PF14_0624	0.27144	0.32559	0.6064	0.38353	0.61939	0.26355	0.41563	0.24091	0.39945	0.48252	0.36487	0.38842	0.31908	0.21416	0.0725	0.11895	-0.04777	-0.26703	0.02705	-0.13721	0.1082	-0.06406	-0.12401	-0.05564
PF1125c	0.05522	0.54887	0.34468	0.78484	0.77663	0.95311	1.93015	1.70569	1.64538	1.09226	0.65544	0.38425	0.33892	0.04882	0.05041	-0.12015	-0.16747	0.00624	0.06308	0.24523	0.21635	0.56056	0.61342	0.70227
PF1395w	-0.01622	-0.07854	-0.37009	-0.5364	-0.70494	-0.64174	-0.72919	-0.90503	-0.48998	-0.57052	-0.54385	-0.05342	0.02702	0.26951	0.725	0.83551	0.57698	0.80631	0.98391	0.6714	0.28074	0.06165	-0.26611	-0.41373
PF0495w	-0.33025	-0.3349	-0.49862	-0.56933	-0.46686	-0.58641	-0.55674	-0.63359	-0.16735	0.21514	0.51263	0.64586	0.70804	0.54744	0.77335	0.59896	0.47642	0.23413	0.15428	-0.06626	-0.05922	-0.13248	-0.4323	-0.24056
PF14_0359	-0.24578	-0.11775	0.13224	0.22261	0.06922	0.29197	0.12034	0.39792	0.72176	0.92907	0.95158	1.10819	0.86947	0.54791	0.19405	-0.31702	-1.19306	-0.68087	-1.29924	-1.44219	-1.20739	-0.92183	-0.78214	-0.69515
PFL1090w	0.75545	0.37041	-0.70212	-0.35244	-0.12986	-1.94796	-2.16332	-2.87823	-3.71937	-0.95196	-0.40355	-3.41327	-3.13132	-2.90225	-1.69636	-1.06186	0.28797	0.26024	1.14161	1.37707	1.13967	0.57392	1.07147	0.81732
PF1230c	0.32986	0.53164	0.6351	0.76778	0.70373	0.56349	0.61844	0.60169	0.76608	0.61122	0.51566	0.41375	0.33231	0.14036	-0.05751	-0.06966	-0.14087	-0.00083	0.05983	0.12271	0.19988	0.30515	0.36036	0.39125
PF08_0030	-0.16218	0.44256	-0.07304	-0.22799	-0.65441	-0.14415	-0.15708	-0.19902	0.95682	0.66448	0.47381	0.82432	0.34056	0.51738	0.54266	0.28243	0.73749	0.20834	0.30664	0.06935	-0.07993	0.15111	0.08239	0.11682
MAL13P1.12	0.02193	-0.78264	0.19724	0.34326	0.44359	0.03359	0.11292	0.41195	-0.07414	-0.05732	0.25989	0.3001	0.229	-0.04577	0.17741	-0.12296	0.15505	0.32274	0.43418	0.15311	0.22815	0.14697	0.24247	-0.00332
PF10_0261	0.58058	0.41668	0.43123	0.51837	0.5428	0.23706	-0.07499	0.04981	-0.46134	0.46136	0.21857	-0.18164	-0.03831	-0.01922	0.15938	0.20609	0.12417	-0.04056	0.68314	0.23196	0.33184	0.45831	0.36957	0.5488
PFB0670c	0.6253	0.01498	-0.20316	-0.23123	-0.25107	-0.61518	-0.7805	-1.02732	-1.6892	-1.96724	-1.85972	-2.21956	-2.25452	-2.1657	-2.12348	-1.6886	-0.68093	-0.07216	1.69178	1.17188	1.34105	1.20505	1.28922	1.65799
PF0010w	0.2032	0.44629	0.08855	0.76978	0.76625	0.99766	1.20006	1.07118	1.2367	1.05486	0.79582	0.69942	0.67443	0.6385	0.27508	0.17394	-0.2086	-0.31194	-0.17267	-0.31269	-0.48826	-0.2646	-0.18322	-0.34075
MAL13P1.58	0.13907	0.30222	0.81054	0.6047	1.51942	1.96612	2.37055	2.70952	1.70961	1.54712	1.05241	0.80916	0.30836	0.1508	-0.09089	-0.19517	-0.66155	-0.6028	-0.60694	-0.44367	-0.47864	-0.46389	-0.45586	-0.23426
MAL7P1.161	0.79366	0.6536	-0.15331	0.30152	0.0963	-0.27569	-0.52485	-0.49952	-0.97905	-0.94098	-0.86979	-0.96738	-0.81058	-0.94235	-0.76211	-0.28684	0.30019	0.54435	1.17181	1.26569	0.97879	0.72707	1.13577	0.76244
PF13_0215	-0.09258	-0.3935	-0.18879	-0.05633	-0.04402	0.1843	0.33643	0.15886	-0.13421	0.54723	0.38864	0.47263	0.21588	0.13083	-0.10335	-0.3973	-0.27164	-1.00962	0.29809	-0.36421	-0.09967	0.02712	0.19451	0.32153
PF08_0062	-0.04921	0.16698	0.51909	0.01734	0.23915	0.09973	-0.0008	-0.16864	0.91846	0.74692	0.14436	0.42118	0.3412	0.31644	0.15594	-0.04096	0.17048	0.07786	-0.04891	0.1245	0.20899	0.25818	0.34769	0.54783
PF0110w	-0.34811	-0.41365	-0.36427	-0.39515	-0.51707	-0.48825	-0.47125	-0.34047	-0.12885	0.11131	0.34641	0.99543	0.9278	0.69179	0.55067	0.48446	0.37268	0.32614	0.22728	-0.03609	-0.21199	-0.05939	-0.09282	-0.13562
PF0730w	0.15671	-0.75271	-0.31234	-0.63462	-0.69566	0.19283	0.28042	0.41921	-0.07128	-0.725	-0.15694	-0.48211	-0.39201	-0.37246	0.33374	0.48548	0.61252	0.21164	0.56608	0.20739	-0.38435	-0.60178	-0.43063	-1.22501
PF14_0511	0.33087	0.38997	0.33563	0.72756	0.52765	0.41351	0.25036	0.4034	0.00426	0.48354	0.24086	0.07799	0.28168	-0.00609	0.01718	0.0733	-0.00314	-0.22383	-0.09298	0.00456	0.19082	0.04326	0.10652	-0.09088
MAL13P1.107	0.46703	0.14248	0.15792	0.50843	0.31317	-0.03964	0.4137	0.11473	0.52085	0.63501	0.66848	0.73052	0.4388	0.50201	0.08671	-0.13011	-0.07387	-0.07226	-0.43784	-0.03482	0.15507	-0.0771	0.02716	-0.06397
MAL8P1.112	0.74017	0.72906	0.43611	0.37002	0.0197	0.05251	-0.23181	-0.15643	-0.1614	-0.1585	-0.29491	-0.26611	-0.44992	-0.43971	-0.48109	-0.51439	0.03668	0.36213	0.92185	0.74478	0.83254	0.49244	0.61693	0.62354
PF07_0014	0.04674	0.39607	0.42461	0.33708	0.36466	0.10021	0.02419	-0.18795	0.20667	0.2888	0.03422	0.21631	0.25255	0.16445	0.21829	0.03056	-0.03519	0.09268	0.09433	0.18736	0.19023	0.06712	0.27908	0.29508
PF14_0653	-0.29919	-0.54788	-0.61311	-0.76803	-0.82383	-0.62702	-0.45412	-0.55658	-0.70358	-1.25482	-0.59425	-0.44476	-0.14311	0.13207	0.38691	0.74632	0.73477	0.7266	0.54453	0.55131	0.34173	-0.24068	-0.22685	-0.54746
PFL0140w	0.30341	0.65235	0.47069	0.76	1.04112	1.06367	0.81495	0.80915	0.63798	0.58092	0.66729	0.51375	0.49546	0.33573	0.36073	0.18339	-0.13174	-0.08969	-0.12453	-0.30005	-0.18456	-0.17298	0.06238	0.40264
PF08_0024	-0.06413	0.22566	0.27315	0.27292	0.13934	0.40753	0.23232	0.34726	0.31342	-0.00909	0.24922	0.5081	0.31149	0.24339	0.1979	0.09992	0.13712	0.15371	0.17125	0.16114	0.3618	0.56256	0.62723	0.46707
PF13_0049	-0.66833	0.1441	0.48793	0.37063	0.52729	0.43143	0.23398	0.45031	0.24466	0.38719	0.55861	0.34287	0.43378	0.20635	0.36733	0.07866	-0.64191	-0.83106	-1.13857	-1.31571	-1.27066	-1.23321	-1.15177	-1.12813
PF13_0163	0.34283	0.37458	0.432	0.47055	0.2736	0.22926	0.18366	0.26717	0.11083	-0.16476	-0.08163	0.04811	-0.01567	-0.38356	-0.25089	-0.68444	-0.58917	-1.19219	-0.59212	-0.06695	0.22536	0.24552	0.57637	0.88648
PFL2325c	-0.36458	-0.45369	-0.48571	-0.55999	-0.45963	-0.588	-0.72777	-0.49916	-0.60817	-0.27124	-0.13261	-0.36532	0.07353	-0.03803	0.04832	-0.03408	0.03696	-0.28352	0.23909	-0.27438	-0.42811	-0.43858	-0.09397	-0.2133
PFL2190c	0.37865	0.54055	0.42019	0.37236	0.64155	0.23903	0.17514	0.37582	0.46865	0.57309	0.24923	0.44096	0.24269	0.09342	-0.09947	-0.09355	-0.00462	-0.08953	0.06275	0.33246	0.61052	0.35538	0.40551	0.49953
PFA0610c	0.58378	1.46232	0.41234	0.91357	0.51524	0.24186	0.0249	-0.2541	-0.69006	-0.37507	-0.41664	-0.37959	-0.23154	-0.22492	0.02209	-0.01116	-0.06129	-0.30194	-0.02761	-0.09732	0.06456	0.39407	0.34864	0.31676
PF01010w	-0.08677	0.08425	0.46669	0.0712	-0.21452	-0.18793	-0.13138	-0.19912	0.19219	0.19332	0.26068	0.37334	0.46887	0.39956	0.19949	0.33807	0.321	0.48946	0.34533	0.23725	0.32399	0.33608	0.20452	0.08012
PF14_0017	-0.79276	-1.32124	-0.49154	-0.17175	0.04398	1.24097	2.58418	2.76392	2.08662	1.45056	1.11734	0.6158	-0.13434	-0.12791	-0.24482	-0.49119	-0.70376	-0.54272	-0.30979	-0.45063	-0.28829	-0.39857	-0.21138	-0.05805
PF10_0139	0.59763	0.38582	1.06752	0.50084	0.27379	0.42435	0.27214	0.23274	0.08702	0.16114	0.01634	0.22228	0.23792	0.20458	0.13874	0.08963	0.13181	-0.04483	-0.12242	-0.01867	0.07942	0.08438	-0.0428	-0.0132
MAL8P1.25a	-0.7224	-0.19694	-0.2219	-0.27836	-0.18208	-0.20816	-0.01371	0.14091	0.28508	0.23391	0.5757	0.57371	0.64026	0.46448	0.5396	0.51003	0.21491	-0.00493	0.51771	-0.05542	-0.15439	-0.18828	-0.04523	0.09629
MAL6_trnA_Ala1	0.4276	0.9038	0.60055	-0.00497	-0.27177	0.16041	0.14073	0.0664	0.78019	0.37335	0.40461	0.40693	0.32267	0.06725	0.1726	0.06334	-0.48057	0.26272	0.45447	-0.10942	0.02506	0.5994	0.07692	-0.14003
PF11_0474	-0.05946	-0.17013	0.14304	-0.27265	-0.1759	-0.09519	-0.31313	-0.16295	-0.49647	-0.57162	-0.30522	-0.49209	-0.39332	-0.44117	-0.41196	-0.3299	-0.37529	-0.06492	0.02293	0.14174	0.02771	0.0		

PFA0505c	0.30024	0.32935	0.83236	0.6119	0.56695	0.74035	0.70387	0.93575	0.69236	0.68447	0.57823	0.51057	0.45746	0.22241	0.18429	-0.00045	-0.4399	-0.32193	-0.15942	-0.73266	-0.81934	-0.16604	0.12777	0.29033
PF1120c	-0.06651	-0.62472	-0.49253	-0.20468	-0.45004	-0.29173	-0.60306	-0.31825	-0.32804	0.3454	0.50636	0.91247	0.49293	0.75722	0.77756	0.49203	0.0168	0.33585	0.71735	0.17623	0.03384	-0.05679	-0.13235	-0.19763
PF14_0754	0.04241	-0.05206	-0.23125	-0.27466	-0.51384	-0.41955	-0.44833	-0.26266	-0.11294	0.32649	0.15004	0.68633	0.4971	0.64466	0.69411	0.7625	0.40816	0.33778	0.42317	0.15564	0.12064	-0.03726	0.03707	-0.07274
PFI0030c	1.04319	0.13575	0.45662	0.09783	-0.2679	-0.27888	-0.30018	-0.11643	-0.11701	0.01276	0.06644	0.1253	-0.13216	-0.21604	-0.31138	-0.43108	-0.19982	-0.68574	0.45791	0.28564	0.2936	0.08565	0.167	0.31197
PFI0185w	0.04224	0.25217	0.56451	0.12145	0.35678	0.19369	0.19431	0.19394	0.31969	0.7018	0.43616	0.52422	0.38206	0.28378	0.07827	-0.10517	-0.07213	-0.09669	0.00569	0.01689	0.09957	0.05205	0.15463	0.17342
MAL13P1.64	-0.33616	-0.58576	-0.49674	-0.45107	-0.52637	-0.11113	-0.45169	-0.54139	-0.44276	-0.36505	-0.19004	-0.12073	0.13384	0.3747	0.83004	0.83837	0.67938	0.43629	0.63064	0.29617	0.12763	-0.24093	-0.36803	-0.27689
PFB0826c	-0.06805	0.52595	0.85941	0.13377	1.42264	1.60886	0.67991	2.08341	0.06054	1.43195	1.36917	1.17793	0.86297	0.67804	0.4171	0.13651	-0.38322	-0.2442	-0.35076	-0.4456	-0.44545	-0.46662	-0.49359	-0.0565
MAL13P1.325	-0.22556	-0.40732	0.12027	-0.31259	-0.18068	-0.22469	-0.29424	-0.32634	0.21996	0.83318	0.82345	1.10143	0.93473	0.60462	0.52837	0.42237	0.12099	0.23763	0.1747	0.07312	0.00936	-0.0721	-0.10751	-0.01642
PF11_0312	-0.57853	1.9174	0.98906	1.06823	0.45509	0.82888	0.62939	0.71423	0.66168	0.27882	0.61499	0.41687	0.28881	-0.07855	0.5019	-0.46904	-0.6192	-0.30286	-0.6039	-1.92152	-2.1092	-1.54481	-1.40087	-0.16707
MAL13P1.77	0.47433	0.27516	0.58928	0.53519	0.41863	0.37054	0.42575	0.41099	0.15402	-0.46338	-0.04539	-0.05972	-0.13297	-0.47595	-0.14881	-0.60696	-0.28128	-0.50918	0.90008	-0.0978	0.00658	0.3749	0.48349	0.51018
MAL13P1.309	0.61913	0.39329	0.26664	0.71464	1.00894	0.77763	0.55857	0.6585	0.35232	-0.22014	0.20932	-0.25796	0.03535	-0.20475	-0.19718	-0.2511	-0.70795	-0.17499	0.66527	0.63031	1.16092	0.3842	0.91332	0.53234
PFE0700c	-0.26743	-0.57423	-0.22203	-0.02432	-0.54644	-0.30287	-0.80227	-1.22016	-0.61735	-0.53072	-0.64147	-0.94428	-0.93241	-0.80344	-1.07308	-1.05022	-0.413	-0.43066	-0.0724	-0.2334	-0.48675	-0.34092	-0.16694	-0.05026
PFL0545w	0.22042	-0.08413	0.0081	-0.27633	-0.35224	-0.30413	-0.49656	-0.45512	-0.19306	-0.08726	-0.12541	0.22075	0.24816	0.36757	0.31444	0.40245	0.31228	0.44667	0.24203	0.34146	0.27191	0.24818	0.15887	0.04917
PF0280w	0.54466	0.50925	0.13415	0.43228	0.0548	0.22867	-0.05766	-0.45779	-0.26911	-0.49282	-0.3707	-0.42154	-0.39589	-0.46182	-0.24826	0.04467	0.22956	0.35772	1.18439	0.75011	0.52842	0.64427	0.10338	0.75818
PF14_0753	1.82516	1.72832	2.02433	1.8585	1.43099	0.66057	0.63326	0.10884	-0.57411	-1.02625	-1.46965	-1.43564	-1.66661	-1.3929	-0.61743	-0.38295	-0.34404	-0.4162	-0.10127	0.26097	0.43116	0.88411	1.24922	1.1731
PFF1195c	-0.02474	0.74467	-0.89076	-0.29676	-0.1011	-0.03924	-0.16663	-0.68435	-0.26582	-0.24228	-0.20228	-0.06321	-0.20812	-0.19086	-0.36346	0.08741	0.32165	-0.07913	0.12599	0.11089	-0.09872	-0.03439	-0.02821	-0.09988
PFI0275w	0.68586	0.14519	1.75912	0.17459	0.03832	0.02573	-0.09819	0.02404	-0.18738	-0.01943	-0.23609	-0.09677	-0.16169	-0.08961	-0.10918	-0.27925	-0.04841	0.09294	0.07806	0.36416	0.14038	0.02403	0.25876	
MAL13P1.245	0.39422	0.01675	0.7709	0.05236	0.08403	0.18004	-0.04928	-0.2209	-0.05598	-0.14156	-0.08076	0.14418	0.04977	-0.03753	-0.08032	-0.04362	0.17369	0.12899	0.65616	0.38112	0.36476	0.37441	0.45252	0.59174
MAL7P1.24	0.10678	0.6634	0.6789	0.73963	0.46578	0.67316	0.59201	0.69385	0.56499	0.60576	0.72463	0.3855	0.43428	0.24862	0.24318	-0.09391	-0.75306	-0.82594	-0.44805	-0.73274	-0.61953	-0.22458	0.01908	0.13676
PFB0400w	-0.84346	-0.51243	-0.37634	-0.29233	-0.37036	-0.80381	-0.42616	-0.47011	-0.4868	0.24244	-0.31202	-0.32603	-0.30696	-0.79123	0.1181	0.17643	-0.07008	-0.2221	-0.2418	-0.52451	-0.70973	-0.08257	-0.83092	-0.3516
PF13_0128	0.00076	0.81603	0.66824	1.04665	0.60966	0.28526	0.21002	0.58038	0.2208	0.64496	0.27685	0.56356	0.72495	0.39665	0.45039	0.16605	-0.02915	0.12485	-0.1175	-0.13041	0.07142	0.13067	0.01521	
PFE1135w	0.45592	0.55826	0.98207	1.01005	0.69693	1.06275	0.90534	1.05176	0.87488	0.8734	0.89038	0.73153	0.63441	0.1117	0.08561	-0.14789	-0.38066	-0.68695	-0.56463	-0.9523	-0.73549	-0.36039	-0.07528	0.47674
PFC0176c	-0.13137	0.21505	0.05167	0.37733	0.5257	0.34115	0.10866	0.02553	0.03296	0.04788	0.1195	0.10823	0.101	0.10041	0.35792	0.42141	0.31229	0.28681	0.7107	0.46927	0.3857	0.16374	0.30168	0.26961
MAL13P1.119	0.396	0.34663	0.07746	-0.0362	-0.04174	-0.13019	-0.29475	-0.32926	-0.24609	-0.74	-0.17413	-0.49306	-0.30826	-0.30347	-0.30429	-0.01534	0.409	0.38515	0.9853	0.58767	0.62547	0.7435	0.43353	0.32103
PF0580c	0.10012	0.55819	0.41845	0.48708	0.55675	0.59277	0.54268	0.58541	0.65799	0.66391	0.54986	0.4341	0.30681	0.11652	0.23906	0.05362	0.03427	0.03235	0.04592	0.01917	0.32014	0.22079	0.31228	0.42066
PF14_0358	0.36607	0.39648	0.61358	0.86713	0.88433	1.00014	0.68568	0.71502	0.60646	0.28701	0.39827	0.73058	0.43946	0.32902	0.34667	0.42026	-0.0397	0.04259	0.25278	-0.03236	-0.21516	-0.13432	0.18851	0.05103
PFI1555w	0.6816	-0.40208	-0.56747	-0.61697	-0.84019	-1.1374	-1.01915	-1.27343	-1.91187	-2.53805	-2.2257	-2.35542	-2.12942	-2.22001	-2.32719	-1.54262	-0.77264	-0.48814	1.51911	1.29843	1.18993	0.62174	1.16807	1.3744
PFI1525w	-0.7629	-0.70753	-0.57479	-0.29529	-0.63637	-0.28043	-0.30248	-0.14214	-0.07258	0.08658	0.27775	0.48602	0.61472	0.67348	0.90169	0.79497	0.28911	0.5365	0.38495	0.07132	-0.41716	-0.2675	-0.47648	-0.54007
MAL13P1.125	0.13421	0.23235	0.36164	0.15127	0.06205	0.16391	0.37152	0.4877	0.63984	0.75086	0.48788	0.49453	0.43369	0.33249	0.11483	0.13411	0.11067	0.04835	0.02787	0.047	0.2201	0.29385	0.16375	0.37365
PFE0220w	0.03069	-0.10874	0.50288	0.45177	0.49903	0.42422	0.55177	0.39485	-0.23051	-0.359	0.1604	-1.28719	0.30271	0.13573	-0.13428	0.11407	-0.0219	-0.09856	0.29172	0.52726	0.44543	0.20714	0.68491	0.77183
PF07_0060	0.29552	0.85601	0.56569	0.73547	0.54606	0.45373	0.36408	0.23948	0.11489	0.08371	0.11883	0.11071	0.19664	0.02502	-0.0405	0.03377	0.16882	0.01145	0.56733	0.18863	0.2025	0.13131	0.26298	0.09876
PFD0430c	0.21721	0.54055	0.36055	0.05313	0.44498	0.21195	0.33215	0.33529	0.41265	0.68644	0.4916	0.45315	0.52005	0.44757	0.24333	0.14579	-0.07499	-0.15412	0.58688	-0.16854	-0.17425	-0.11322	-0.23204	-0.12108
MAL7P1.34	1.08697	1.16162	0.95927	1.28382	1.31412	1.20952	1.0006	0.59308	-0.27256	-0.59637	-0.82472	-1.12319	-1.29314	-1.36387	-1.10147	-0.7657	-1.33291	-0.93388	-0.08454	0.17962	0.5875	0.53612	0.96255	1.25859
PFD0700c	0.50076	1.03566	0.97089	1.58294	1.65746	1.48247	1.45561	1.32182	0.25411	0.7054	0.66039	0.27039	0.3097	0.02986	-0.06141	-0.14448	-0.24248	-0.11419	0.19757	-0.00261	0.28541	0.1974	0.68756	1.04747
MAL13P1.410	0.00757	0.54665	0.49552	0.96559	1.57082	0.60312	0.66692	1.68063	0.56354	0.75902	0.72001	0.70788	0.5449	0.24082	0.1436	-0.13023	-0.26322	-0.06349	0.13592	-0.03846	0.22316	0.19621	0.2403	0.34208
PF0795w	0.1985	0.073	0.64872	0.27826	0.35727	0.38704	0.28439	0.27106	0.33099	0.65667	0.44635	0.36054	0.41441	0.27226	0.01369	0.05242	-0.09499	-0.07634	-0.11763	-0.10391	0.05559	-0.06325	0.06105	0.3863
PFC0166w	-0.41123	0.32261	0.52993	-0.61174	-0.03072	0.75608	1.05329	0.95705	1.45438	1.49337	1.35279	1.17362	0.80923	0.41598	0.1259	-0.07456	-0.34782	-0.08859	-0.42639	-0.41004	-0.36602	-0.61514	-0.55368	-0.499
PFA0050c	0.64665	0.42148	0.59495	0.409	0.28558	0.36727	0.48661	0.7317	0.68819	0.62533	0.51597	0.67355	0.55804	0.22774	0.5233	0.50059	0.12927	0.13739	0.67259	0.01578	0.11458	0.30302	-0.0695	-0.10245
PFD0745c	0.35232	0.27116	0.26309	0.27361	0.14833	0.03492	-0.01884	-0.22128	-0.3922	-0.91981	-0.38409	-0.29324	-0.4731	-0.53961	-0.12882	-0.00283	-0.09476	-0.11944	0.58578	0.32813	0.35404	0.3034	0.39129	0.64677
PFI1640c	0.15409	0.45818	0.58951	0.29675	0.40073	0.56539	0.49307	0.3452	0.60391	0.32344	0.41184	0.5061	0.33087	0.19581	-0.05833	-0.05751	-0.0622	-0.19576	-0.59337	-0.34758	-0.21355	-0.08941	0.10782	0.09363
PFA0015c	0.47534	1.25991	0.88887	1.45234	1.66218	1.61849	1.45257	1.82978	1.1891	0.95491	0.88077	0.62445	0.34048	0.31024	0.25583	0.1106	-0.34984	-0.40438	-0.43856	-0.56296	-0.5839	-0.57044	-0.52512	

PFL0070c	-0.04576	0.03872	0.40071	0.10458	-0.08451	-0.33852	-0.24148	-0.02403	0.41139	0.61507	0.56602	0.84558	0.75083	0.67728	0.33859	0.09345	0.11178	0.13129	-0.21239	0.01499	0.04128	0.1096	-0.06727	-0.11922
PFL1265c	0.66607	1.21762	1.20443	1.28748	1.30379	0.77077	0.66116	0.66526	0.24446	0.03507	0.18598	0.08285	0.06131	-0.01869	-0.08323	-0.132	-0.06501	0.00469	0.12585	0.24836	0.51402	0.54549	0.74601	1.02577
PFC0831w	0.59453	0.09485	0.61572	0.20313	0.18013	0.01119	0.0336	-0.17093	-0.04701	0.12614	-0.01298	-0.09959	-0.10552	-0.12355	-0.09756	-0.27255	-0.20189	-0.15821	0.19651	0.09683	0.39019	0.3253	0.32044	0.5421
PF08_0032	-0.92966	-0.91527	-0.46203	-0.08604	-0.03128	0.14677	0.32819	0.10875	-0.13221	-0.05132	-0.22627	-0.16971	0.23084	0.56879	0.74686	0.6377	0.57023	0.1004	0.25256	-0.03478	-0.3567	-0.67344	-1.06717	-0.90796
PFE0455w	-0.12556	-0.08066	0.30189	0.04503	0.2314	0.06912	0.02916	-0.06056	0.07749	0.34834	0.48393	0.74188	0.69513	0.4485	0.33098	0.15697	0.25985	0.1094	0.09048	0.03079	0.01989	0.0727	0.25467	0.42447
PFE0630c	-0.98007	-0.36702	-0.1572	0.28294	0.39754	0.525	0.52003	1.06189	1.25522	0.9892	1.40051	1.3138	1.00558	0.46044	0.09748	-0.32861	-0.57495	-0.75735	-1.32679	-1.35543	-1.29543	-1.34904	-1.22918	-1.11547
PFB0880w	-0.15862	0.15605	0.45296	0.43533	0.67078	0.41968	0.61405	1.30443	0.98739	0.72534	0.88035	0.43632	0.15147	0.05289	-0.1702	-0.27109	-0.41219	-0.279	-0.36889	-0.13562	-0.1607	-0.08414	-0.04979	
MAL13P1.305	0.65318	0.90535	0.81454	0.85002	1.13276	1.06841	0.85443	0.99418	0.35222	0.11431	0.08027	-0.10055	-0.06872	-0.22867	-0.28235	-0.27103	-0.18652	0.0501	0.61836	0.62785	0.79912	0.78648	1.02503	1.12806
PFF1360w	0.38357	0.2757	0.12212	0.51421	0.63278	0.54495	0.67594	1.17025	1.32558	1.43921	1.48688	1.2593	0.77951	0.22541	0.13621	-0.03394	-0.64267	-0.33579	-0.08448	-0.19559	-0.35203	-0.41754	-0.00753	0.11036
MAL13P1.332	-0.13819	-0.44468	-1.45548	-0.73629	-0.9286	-0.82526	-0.64698	-0.40446	-0.18735	0.13291	0.37079	0.46346	0.57226	0.36933	0.74728	0.58248	0.48964	0.16299	0.40623	-0.11701	-0.34266	-0.36435	-0.40196	-0.52175
PF07_0055	0.2546	0.01083	0.10111	0.03857	0.06412	-0.05105	-0.13284	-0.13232	-0.0167	-0.03326	-0.12783	0.01564	0.02672	-0.08242	-0.00645	0.04411	0.04772	0.12965	0.34355	0.43719	0.40728	0.21496	0.21196	0.2826
PFD0340c	0.16656	0.08657	0.85044	0.05661	0.05122	0.00122	0.01023	-0.13705	0.31006	0.40158	0.36059	0.55796	0.42171	0.40165	0.2329	0.09608	0.07136	0.19677	0.05852	0.14692	0.20762	0.18395	0.22558	0.23078
PFL0345w	0.65066	0.51975	0.58298	0.7113	0.48859	0.40362	0.37655	0.13456	0.13686	0.41293	0.45663	0.66728	0.48463	0.38322	0.19089	0.05605	0.13481	0.17396	-0.03815	0.24719	0.30506	0.40089	0.5	0.55724
PF10_0004	0.41605	0.58408	1.21123	0.84014	0.43076	0.53086	1.397	0.73729	1.28184	1.00558	0.59565	0.53003	0.54866	0.41497	0.27235	0.15843	-0.18388	-0.39378	-0.24279	-0.20237	-0.17243	-0.17818	-0.26817	-0.15723
PFD0290w	-0.49172	-0.72924	-0.48007	-0.35105	-0.58158	-0.41858	-0.54142	-0.60783	-0.10201	0.35065	0.66903	1.04394	0.91879	0.82995	0.86302	0.7474	0.29637	0.4693	0.50021	0.20023	-0.01009	-0.10142	-0.03955	-0.1908
PF10_0302	0.19409	0.27416	0.36468	0.42121	0.50179	0.37308	0.15845	0.15325	-0.16048	-0.09492	0.10658	-0.25829	-0.06	-0.1337	-0.0296	-0.07578	-0.0534	0.02781	0.7682	0.63598	0.82529	0.70466	1.06014	1.09927
PFL0850w	0.15892	0.11096	0.51643	0.34499	0.42184	0.15577	0.08012	0.00631	-0.16801	-0.08244	-0.17499	-0.0573	-0.04956	-0.07168	-0.09638	-0.71231	-0.20867	0.14808	0.03593	0.1023	0.19365	0.30844	0.46669	
PFF0305c	0.05558	-0.01183	-1.40382	-0.0222	-0.19507	-0.252	-0.63106	-0.54167	-0.549	-0.73408	-0.96218	-1.17895	-1.28688	-1.33614	-0.63679	-0.16095	0.02682	0.13372	1.37605	0.54072	0.52224	0.70036	0.54658	0.51442
PF14_0503	-0.36661	-0.12899	-0.26406	0.29989	0.01329	0.27942	0.49449	0.81159	1.21261	0.8404	0.88762	0.84538	0.80583	0.50535	0.42334	0.38256	0.25846	0.13826	0.32828	0.11468	0.02816	-0.08405	0.00946	0.00311
PF14_0297	-0.40343	-0.51938	-0.51131	-1.26711	-0.9149	-0.82997	-0.74001	-0.42204	0.28496	0.77913	0.85905	0.92614	0.94353	0.6959	0.29941	0.18713	0.12813	-0.19647	-0.28991	-0.67123	-0.77518	-0.63524	-0.69792	-0.81733
PF14_0019	1.15153	2.57712	2.38416	3.10656	2.68824	2.47474	2.06361	1.34995	0.97318	0.45115	0.39633	0.37097	0.17244	-0.08393	-0.21865	-0.2641	-0.37265	-0.22305	-0.00858	-0.07997	0.23517	0.41028	0.32096	0.30127
PF10545w	0.16405	-0.56827	-0.31948	-0.5098	-0.64456	-0.42039	-0.47114	-0.19966	0.11166	0.28726	0.23022	0.34766	0.41756	0.54674	0.57381	0.62711	0.34283	0.70467	0.60324	0.74778	0.5143	-0.02207	0.12193	0.16891
PFE1065w	-0.79288	-0.91949	-0.20271	-0.80152	-0.89531	-0.88441	-0.89285	-1.0421	-0.39471	0.55325	0.68666	0.81595	0.9013	0.84877	0.68219	0.43089	0.22506	0.1924	1.30572	-0.36447	-0.51936	-0.55764	-0.54387	-0.49359
PF14_0601	-0.38606	-0.41019	-0.47761	-0.22914	-0.38576	-0.46072	-0.54104	-0.58241	-0.26124	0.04397	0.53946	0.58976	0.5904	0.5727	0.58582	0.39241	0.12359	0.23952	0.25331	-0.02685	-0.2206	-0.53062	-0.73537	-0.30202
PF14_0242	-1.05641	-0.32803	0.08583	0.30411	0.22586	0.48207	0.59582	-0.64319	0.83613	0.85244	0.94946	0.99047	0.85902	0.42772	0.36941	-0.04063	-0.27945	-0.73852	-1.04579	-1.28681	-1.39387	-0.95373	-0.99444	-0.81156
PFB0110w	-0.94543	-0.44125	-0.83728	-0.20457	0.20291	0.77388	1.48785	2.07787	2.05924	2.06567	1.97001	1.48925	0.90412	0.35317	-0.12481	-0.54675	-0.83892	-1.369	-1.23522	-1.34366	-1.28295	-1.36889	-1.20634	-1.02885
PF14_0169	-0.46897	-0.53194	-0.51225	-0.59465	-0.49696	-0.36255	-0.27676	-0.40859	0.3923	0.32456	0.40582	0.68286	0.668	0.76474	0.79537	0.83325	0.61708	0.54362	0.59029	0.1939	-0.12441	-0.03232	-0.13491	-0.345
MAL8P1.216	0.57498	0.9119	0.13561	1.08686	1.16048	0.98562	0.85205	1.01926	0.59392	0.6479	0.70027	0.6251	0.58292	0.46418	0.40472	0.29962	-0.10174	-0.02759	0.68586	-0.25315	-0.12339	-0.07709	-0.24066	-0.22246
PFB0500c	-0.74207	-0.74339	-0.98443	-1.12595	-1.15856	-0.87724	-0.95443	-0.54739	-0.18964	0.00296	0.4921	0.34944	0.50767	0.27985	0.55235	0.58235	0.45807	0.52201	0.42591	0.17242	-0.11096	-0.72541	-0.86956	-1.12468
PF14_0311	0.55671	0.36463	0.12533	0.01994	-0.19253	-0.21025	-0.75793	-0.50931	-0.47745	-0.65223	-0.65955	-0.34143	-0.45591	-0.40623	0.21518	0.68458	0.6515	0.95792	1.33591	1.12268	0.99881	0.60368	0.3818	-0.06826
PF10400c	-0.72839	-0.6227	-0.70038	-0.86466	-0.86587	-1.02541	-1.01635	-0.89662	-0.58508	-0.45028	0.10528	0.20024	0.55399	0.75613	0.65132	0.71488	0.55257	0.45873	0.36083	0.17909	-0.03103	0.07565	-0.14429	-0.16911
PF14_0611	0.05759	0.52401	0.28901	0.38807	0.61243	0.22523	0.20351	0.58714	0.70234	0.70593	0.56355	0.57202	0.19902	-0.07378	-0.41874	-0.40177	-0.21958	0.11591	-0.00513	0.09241	0.01095	0.1764	0.28627	
PFE1290w	0.73323	0.79506	0.70474	1.01403	1.19676	1.24782	0.89494	1.0704	0.67392	0.49763	0.54617	0.4854	0.40371	0.10457	0.1152	0.0205	-0.0373	0.03585	0.54987	0.27476	0.66119	0.49588	0.63281	0.6927
PFC0260w	0.16309	0.64541	-2.51767	0.67971	0.57282	0.42658	0.5818	0.76029	0.55833	0.38236	-0.10698	0.38458	0.39541	0.30204	0.20258	0.16467	0.21909	0.25438	0.47232	0.32354	0.68021	0.58151	0.63056	0.56155
PFL0940c	-0.11709	1.44734	1.80408	0.81716	0.76204	0.62917	0.87105	0.35746	0.43713	0.37816	-0.12287	0.19932	0.12636	-0.0052	-0.14806	-0.11419	0.0846	-0.21064	-0.05848	-0.0693	0.02591	0.06859	0.03584	0.07734
PF11_0472	0.78313	0.23566	0.56442	-0.10141	-0.12599	-0.21199	-0.36499	-0.94844	-0.29089	0.2361	0.50435	0.83946	0.73722	0.32826	0.25274	0.05651	-0.15713	-0.06634	0.14969	0.13515	-0.00222	0.01613	0.31316	0.54802
PF10_0313a	0.09722	0.27839	0.27657	-0.15386	0.09262	-0.12987	-0.23137	0.05302	0.19368	0.73536	0.80704	0.80197	0.69793	0.56055	0.34476	0.24897	0.05472	0.25104	-0.01246	0.02995	0.1283	-0.16306	0.02177	-0.00255
MAL7P1.100	-0.17072	-0.25187	0.23107	0.12468	0.57897	0.23325	0.59194	0.15393	0.19835	0.33666	0.39454	0.36055	0.24536	0.25273	0.02062	0.19469	0.07954	0.07587	0.25742	0.08552	0.23277	0.11707	0.36826	0.5353
PF14_0049	-0.25225	-0.59164	-2.17653	0.49005	0.48771	0.7535	0.57668	0.41222	0.3464	0.37504	0.21051	0.47086	0.11014	0.26375	0.33002	0.17298	0.01839	0.24895	0.39983	0.23362	-0.06015	0.10903	-0.08541	-0.01896
PF1130c	0.70063	0.82484	0.46875	1.20719	1.34634	1.29298	1.06303	1.23473	0.95951	1.01056	0.96612	0.88273	0.51729	0.22137	-0.06932	-0.17575	-0.77508	-0.60008	0.53301	-0.57256	-0.52306	-0.15502	0.06022	0.39131
PF11_0211	0.87576	0.71883	0.69455	1.11838	1.14167	1.09685	1.19854	0.84574	0.74965	0.40679	0.42722	0.22495	0.02491	-0.0711	-0.25677	-0.20015	-0.73422	-0.65726	-0.36711	-0.23585	0.04356	0.33854</		

PF11 0456	-0.0415	-0.01931	0.64023	0.22329	0.11504	0.13134	0.17843	-0.10238	0.52696	0.663	0.57855	-0.02418	0.4541	0.54042	0.54617	0.35308	0.35927	0.09092	-0.02237	0.10541	0.13638	0.14248	0.19121	0.28598
PF11285w	1.89055	2.54367	2.53992	2.76622	2.27819	1.76587	2.18546	1.9142	0.98155	0.46574	0.00228	-0.25495	-0.63718	-0.61055	-0.69624	-0.79294	-1.17695	-1.28663	-0.68236	-0.60199	0.01543	0.77043	0.83757	1.2454
MAL13P1.200	-0.8712	-0.62069	-0.5383	-0.48723	-0.12729	0.23377	0.23593	0.13897	0.92671	0.72674	1.03387	1.10931	1.03028	0.71494	0.5304	0.26809	-0.02009	-0.27962	-0.18818	-0.36293	-0.51241	-0.39579	-0.41145	-0.35493
PFL0410w	0.59602	-0.10988	1.08731	-0.06115	-0.00917	-0.0124	-0.1311	-0.30981	0.218	0.00019	-0.04827	0.27002	0.04134	0.08263	-0.08177	-0.21541	0.15464	-0.0749	0.31769	0.31759	0.35973	0.41882	0.39299	0.41617
PFE1340w	0.07823	0.75723	0.47023	0.87683	1.88819	1.78863	0.5884	0.5107	0.15343	0.25343	0.0955	0.25137	0.3876	0.2391	0.37495	0.5436	0.00192	0.36098	-0.02541	-0.52004	-0.87705	-0.4033	-0.41601	0.19389
MAL8P1.2	-0.59984	-0.59791	-0.62059	-0.13669	0.61334	1.93948	2.48552	2.84946	2.46372	1.762	1.32243	0.63311	0.22974	-0.19217	-0.30574	-0.52949	-0.93985	-0.73138	-0.50313	-0.81736	-0.83679	-0.5671	-0.62497	-0.49428
MAL7P1.215	-0.29052	-0.34847	-2.2026	0.43311	0.21203	-0.12615	0.64622	0.66216	0.85008	0.59379	0.75909	0.64982	0.72633	0.56152	0.48213	0.41834	0.065	0.1583	-0.09366	-0.24246	-0.2532	-0.44315	-0.29895	-0.26843
PF11635w	0.24285	0.2826	1.5953	1.77457	0.61518	0.60892	0.59272	0.21973	0.21059	0.56402	0.24551	0.59708	0.56245	0.47148	0.28003	0.26538	0.10788	0.09595	0.00622	-0.04113	-0.22674	-0.00934	-0.05014	0.1563
PFA0640c	-0.37228	-0.41968	0.47016	-0.14671	0.14195	0.36921	0.50499	0.4712	0.73118	1.04376	0.83523	0.8909	0.76889	0.54879	0.30796	0.24897	0.10096	0.07083	0.05063	0.03184	0.09758	0.15108	0.11016	0.21862
PF14 0284	0.23777	0.10472	0.48931	0.1612	-0.09811	0	-0.15422	-0.27396	-0.02538	0.01676	-0.19364	0.02664	-0.02549	0.00958	-0.01742	0.00197	0.16616	0.35723	0.64365	0.428	0.36437	0.38776	0.47049	0.29219
PFE1165c	-0.16295	-0.27081	-0.46983	-0.71378	-0.43878	-0.64074	-0.71933	-0.68364	-0.86732	-0.78015	-0.3163	-0.42792	-0.04472	-0.0254	0.4315	0.46383	0.36185	0.37369	0.65234	0.21067	0.24669	-0.01774	0.02275	0.11197
MAL13P1.240	0.74515	0.44484	0.27534	0.0311	-0.00604	-0.12016	-0.23417	-0.43609	-0.63126	-0.60127	-0.523	-0.51433	-0.34295	-0.2473	0.06933	0.40508	0.74011	0.6582	0.59702	0.97314	1.00771	0.63909	0.44178	0.31798
PF11587c	0.06915	-0.35703	-0.12376	-0.34161	-0.31231	0.05323	-0.21415	0.16491	0.18326	0.61695	0.65938	0.70376	0.43036	0.1541	0.25197	-0.02175	-0.06182	-0.00709	-0.00647	0.07928	0.20295	0.02194	0.107	0.03285
PF08 0017	-0.18883	-0.09922	-0.37384	-0.17249	0.31991	0.30494	0.34668	0.21809	0.22208	0.2226	0.21659	0.07678	0.26537	0.19736	0.14572	-0.02764	0.15873	0.00597	-0.0617	0.37105	0.54796	0.61763	1.03831	0.93142
PF13 0052	0.18773	0.15246	-0.11143	0.26907	0.38699	0.26565	0.11417	0.26403	0.2281	0.34247	0.46342	0.45688	0.32657	0.18871	0.06457	-0.05691	-0.17138	-0.49449	0.00136	-0.07832	-0.04988	0.06704	0.19279	0.49968
PF10 0313	-0.24737	-0.36625	0.12809	-0.47859	-0.24025	-0.56404	-0.41873	-0.3797	0.04281	0.63565	0.59493	0.81102	0.78629	0.75638	0.65411	0.51338	0.21663	0.20755	0.21038	0.12338	-0.09751	-0.14812	-0.26332	-0.49597
PF11 0134	0.02019	0.17061	0.7076	0.16562	0.07892	0.21168	0.02107	0.0818	0.38599	0.65185	0.54743	0.84978	0.55505	0.34921	0.11283	0.15482	0.07136	0.12503	0.3227	0.11444	0.37669	0.12964	0.15023	0.37489
PF11075w	-1.01784	-0.23445	0.42987	-0.15195	-0.1143	0.03197	-0.19583	-0.40056	0.24915	0.63773	0.62425	0.90607	0.85753	0.70252	0.70907	0.4153	0.04624	-0.12175	0.03445	-0.47475	-0.31692	-0.17083	-0.24066	-0.21736
PF14 0682	0.02499	0.32149	0.09724	-0.01034	-0.03955	-0.05995	-0.19416	-0.18567	-0.33834	-0.44836	-0.21695	-0.28862	-0.34412	-0.28085	-0.03005	0.20503	0.44983	0.30808	0.78543	0.46509	0.31211	0.22318	0.38073	0.30105
PF14 0669	1.12263	1.28232	1.34342	1.53646	1.35138	1.5621	1.08724	1.47603	1.30814	1.11335	0.99303	0.74574	0.56087	0.30801	0.00336	-0.30899	-0.62114	-0.56609	-0.7109	-0.61546	-0.23728	0.25529	0.61114	0.78771
PFL0385c	0.21187	0.75923	1.08602	0.65286	0.66309	0.9076	0.72277	0.90614	0.73736	0.80815	0.58244	0.73462	0.51517	0.30693	0.14838	0.10521	0.12425	0.09649	0.11805	0.10848	0.33869	0.59619	0.58866	0.57746
PFC0815c	0.32351	0.39512	0.21187	0.2981	0.15801	-0.13008	-0.01461	0.15475	-0.17027	-0.16349	-0.22708	-0.14184	-0.07483	-0.10079	-0.11312	-0.02045	0.11254	0.33557	0.3266	0.37231	0.55634	0.49601	0.34414	0.40056
PFB0960c	-1.65568	-1.57431	-1.32676	-1.5341	-1.19797	0.39667	2.14838	3.10688	2.75929	2.50762	2.06814	1.55243	1.04263	0.43335	-0.05269	-0.53346	-1.16759	-1.5423	-0.96932	-1.55064	-1.7986	-1.60282	-1.53162	-1.71368
MAL13P1.246	0.74873	0.11987	0.81079	0.02466	-0.12883	-0.19521	-0.36776	-0.48458	-0.51345	-0.18932	-0.23206	-0.26607	-0.06223	-0.17147	-0.22121	-0.33567	0.15796	0.13236	0.40644	0.50345	0.6477	0.66297	0.64759	0.52227
PF10 0407	0.0687	0.14985	0.33737	0.09389	-0.0713	-0.2012	-0.10987	-0.01011	0.49218	0.67348	0.54385	0.72019	0.71182	0.57672	0.33502	0.17133	0.16867	0.04785	-0.00979	0.04078	0.23626	0.36514	0.23275	0.4309
MAL7P1.23	-0.57638	-0.92119	-2.23235	-0.79439	-0.7683	-0.68274	-0.5844	-0.3704	0.15124	0.22566	0.31492	0.3712	0.68945	0.7064	0.78254	0.78008	0.64918	0.00947	-0.12325	0.02539	-0.32384	-0.48008	-0.52809	-0.59036
PF11 0449	0.9545	1.21952	0.90003	1.4185	1.1516	1.04537	1.17767	0.71174	0.55481	0.13377	0.2676	-0.07177	-0.06197	-0.15223	-0.35808	-0.15251	0.2129	0.10085	0.1898	0.25122	0.13815	0.32834	0.61294	0.73903
PFE1205c	0.69506	0.3531	-0.05862	0.14295	0.02468	-0.18077	-0.43154	-0.46384	-0.78217	-0.67988	-0.61779	-0.45203	-0.51925	-0.46205	0.04431	0.34085	0.66411	0.27796	1.7118	1.09646	1.04453	0.60256	0.80866	0.56883
PF0895w	-0.15107	-0.38827	-0.22214	-0.28479	-0.50108	-0.30561	-0.59316	-0.54628	-0.9624	-1.02325	-0.77964	-0.62441	-0.18697	-0.00794	0.61682	0.76174	0.32457	0.66363	0.892	0.25402	0.32062	0.17033	0.12791	0.03583
PF14 0707	0.69753	1.1129	1.33919	1.3344	1.35316	1.10749	1.05034	1.17772	0.79737	0.56554	0.3141	-0.01728	-0.48111	-0.72704	-1.07158	-1.27218	-1.20399	-1.15563	-1.06914	-0.38541	0.0068	0.37326	0.70155	0.79808
PF11 0355	-0.49951	-0.38236	-0.62153	-0.66593	-0.65534	-0.78136	-0.6843	-0.24997	0.1128	0.33146	0.65811	0.66547	0.63642	0.54941	0.49151	0.43206	0.06421	0.21811	-0.0779	-0.27721	-0.42666	-0.57178	-0.38616	-0.23579
MAL13_tRNA_Ar g2	0.95433	1.77508	0.60091	0.99645	0.94283	1.27155	0.68043	1.38258	0.55936	0.2259	0.33786	0.1394	-0.20871	-0.18317	-0.34549	-0.10308	-0.83406	0.72027	-0.35454	-0.07947	-0.06661	0.66257	0.27578	-0.02634
PF11 0426	0.15368	-0.04288	0.21297	0.05134	0.07957	0.0771	0.02179	0.05442	0.21175	0.3619	0.43757	0.51288	0.56689	0.4558	0.41039	0.41763	0.31749	0.0866	0.65627	0.27268	0.27338	0.1137	0.13615	0.05301
PF10 0050	-0.48611	-0.6278	-0.70955	-0.97093	-0.78848	-0.80204	-0.831	-0.74152	-0.32524	-0.21081	-0.01235	-0.10968	0.131	0.18825	0.63992	0.70438	0.56298	0.29762	0.58802	0.27106	0.18677	-0.22687	-0.30718	-0.45256
PFL0455c	-0.08709	0.18813	0.39283	0.44328	0.52071	0.79534	0.59218	0.52916	0.73758	0.79857	0.72384	0.79498	0.6213	0.51941	0.35302	0.16773	0.00407	-0.07806	0.02078	-0.10768	-0.07354	0.07723	0.13085	0.45411
PF13 0104	-0.33659	-0.23439	-0.37897	-0.23521	0.19595	0.55014	0.39225	0.16885	-0.21671	0.39918	0.17672	-0.002	0.21214	0.20496	0.08091	0.15946	0.07469	0.11553	0.0924	0.09883	0.21467	0.63801	0.25699	0.91322
PF14 0705	0.03288	-0.05859	0.1101	-0.41746	-0.43127	-0.68942	-0.2249	0.85509	1.42239	1.34626	1.27384	1.21504	0.95564	0.45455	0.31484	0.18923	-0.00441	-0.08042	0.06532	0.04149	0.09562	-0.0453	-0.2685	-0.25142
PF14 0292	0.86591	1.53669	1.17037	1.28695	1.3374	1.39547	1.28366	1.11935	1.21103	0.9283	0.75454	0.44592	0.20568	-0.15068	-0.32937	-0.55343	-0.69593	-0.80171	-0.83021	-0.76559	-0.23946	0.29994	0.4076	0.66256
PF07 0050	0.13859	0.57814	0.64487	0.81385	0.84324	1.80661	0.9839	1.0094	0.85687	0.79601	0.71207	0.7765	0.66254	0.43517	0.32968	0.18101	-0.06328	0.05688	-0.37491	-0.21119	-0.15585	-0.40157	-0.29875	
PF10 0226	-0.48024	-0.17259	-0.48445	-0.34563	-0.30878	-0.34481	-0.34853	-0.11031	0.0574	-0.14332	0.5093	0.5814	0.63664	0.45062	0.5762	0.42898	0.29408	0.39298	0.09268	0.06615	0.14251	-0.2581	-0.11682	-0.08681
PFL1805c	0.64423	0.49582	0.28253	0.28425	0.28844	0.12384	-0.12813	0.12053	0.0921	0.32416	0.23747	0.30683	0.1325	-0.0704	-0.05521	-0.01054	0.21578	0.58008	0.62298	0.59093	0.57786	0.477		

PF14 0575	-0.54205	-0.64336	-2.62121	-0.01376	-0.6035	-0.40606	-0.40603	-0.11204	0.52393	0.68624	0.72224	0.75072	0.60736	0.46909	0.50612	0.2776	-0.20158	0.06692	0.08083	-0.24731	-0.39046	-0.17812	-0.19991	-0.12582
PFF0265c	-0.31914	-0.14267	-0.32072	-0.48259	-0.36212	-0.20811	-0.73181	-0.70606	-0.60389	-0.55601	0.05188	-0.04513	0.24424	0.20901	0.62818	0.65516	0.4849	0.5577	0.62208	0.61285	0.26577	-0.23446	-0.25914	-0.3295
PF10 0235	-0.48032	-0.34395	-0.31572	-0.57624	-0.60451	-0.51032	-0.38941	-0.16688	0.61439	0.78937	0.85513	0.90828	0.94682	0.68919	0.68785	0.48661	0.08919	0.14875	-0.03626	-0.21026	-0.43319	-0.27089	-0.29848	-0.31269
PF11 0505	0.35045	1.50323	1.93129	2.67921	3.43378	3.22456	1.89609	1.49579	0.17678	-0.49626	-0.9747	-2.11874	-2.96191	-3.49325	-3.51603	-4.02555	-3.44005	-4.10354	-3.57424	-2.70591	-1.69937	-0.79565	-0.06824	0.79218
PFL0785c	0.0258	0.5744	0.63128	0.786	0.67382	0.6554	0.48591	0.46525	0.01702	-0.28782	-0.14876	-0.23155	-0.00432	-0.19929	0.26075	0.07318	0.00954	-0.4432	0.59475	-0.39378	-0.25105	-0.06866	0.3058	-0.12892
PFD0950w	-0.31308	0.03958	-0.17341	0.11689	-0.01671	-0.21268	-0.13491	-0.22855	0.0607	-0.40224	0.10795	0.313	0.32539	0.24723	0.38951	0.10877	-0.01131	-0.24041	-0.68124	-0.56145	-0.39598	-0.81508	-0.51337	-0.69878
PFF0130c	0.74897	1.28916	1.40552	1.13108	0.91196	0.93506	0.66617	0.43225	0.57071	0.61043	0.57098	0.75039	0.58925	0.33118	0.2341	0.10342	-0.0592	-0.18371	0.09458	-0.0937	-0.00601	0.34915	0.38824	0.56218
PFI0445c	0.3893	0.16963	0.56556	0.06446	0.16067	-0.14483	-0.17088	-0.09993	-0.29322	-0.1799	-0.23333	-0.17564	-0.25579	-0.31255	-0.28595	-0.33458	-0.27074	-0.38016	0.46468	0.33978	0.32811	0.18059	0.42599	0.29347
MAL13P1.149	0.63593	0.55142	0.90738	0.93167	1.11234	0.97924	0.74478	0.74653	0.64202	0.45964	0.45958	0.34727	0.33069	0.14878	0.03708	0.08005	-0.09733	-0.20752	-0.05221	0.00231	0.21533	0.15216	0.14626	0.2696
PF1165c	0.33011	0.27681	0.39595	0.74043	0.51892	0.48691	0.33854	0.40821	0.37411	0.2774	0.40275	0.40897	0.43762	0.20803	0.21372	0.11939	0.10355	0.10201	0.41958	0.09536	0.20601	-0.09666	-0.05497	0.26655
PF11 0330	-0.53606	-0.23217	-0.67172	-0.02782	0.0378	0.22976	-0.04534	0.09501	-0.06727	0.1691	0.32391	0.36464	0.17024	0.17154	0.18738	0.29097	0.18952	0.05972	0.067	-0.26992	-0.18509	-0.12848	-0.2843	-0.36745
PFF1245c	-0.39362	-0.19176	-0.13348	0.04351	0.07877	0.22016	0.14553	0.21416	0.29619	0.04646	0.45089	0.66805	0.51578	0.42433	0.52529	0.52968	0.17838	0.22173	0.2476	-0.10899	-0.24944	-0.64284	-0.35802	-0.52442
MAL13P1.299	0.1373	0.44556	0.34715	0.67424	0.69184	0.71433	0.69877	0.85325	0.81869	0.64455	0.73256	0.6768	0.45611	0.28666	0.15366	0.14158	-0.36962	-0.21614	0.04622	-0.37845	-0.55971	-0.32481	-0.19407	0.14448
PF14 0626	0.04083	-0.18833	0.16359	-0.1267	-0.35071	-0.30628	-0.32319	0.01454	0.28789	0.33864	0.23401	0.32493	0.3351	0.52966	0.30752	0.17358	0.23411	-0.27208	1.29403	0.33045	0.31914	0.11341	0.10783	-0.01405
PF14 0763	1.96182	2.37715	2.3041	2.25673	1.85707	1.71993	1.43011	0.75116	0.83793	0.65226	0.43061	0.27166	-0.03909	-0.14609	-0.47501	-0.45827	-0.69714	-1.06189	-0.71955	-0.50782	-0.24089	0.4771	0.59967	0.58733
PFF1050w	-0.02569	0.08004	0.09756	0.48849	0.46506	0.67938	0.37367	0.84634	1.17052	0.89978	0.98388	1.149	0.62833	0.11783	-0.31312	-0.5933	-1.32026	-1.28828	-1.33681	-1.46053	-1.16798	-0.82856	-0.48412	-0.39646
PFF0085w	0.12547	-0.14633	-0.00069	-0.12718	-0.59256	-0.67689	-0.45934	-0.32174	0.02873	0.31886	0.49041	0.49114	0.4282	0.39583	0.2205	0.32142	0.28534	0.26297	0.38956	0.30955	0.34715	0.54616	0.47338	0.40742
PFF0985c	1.85788	1.02271	0.79345	0.37064	0.34403	-0.26543	-0.44404	-0.78787	-0.82198	-0.84898	-0.58922	-0.90115	-0.67769	-0.68826	-0.39633	0.00182	-0.50032	0.09082	1.21528	1.1345	1.4783	0.97095	1.26669	1.23884
PF14 0073	0.27383	0.52851	-0.22528	0.71381	0.85138	0.37311	0.12024	0.01663	0.20955	0.26535	0.28419	0.51797	0.63733	0.61523	0.46492	0.24586	-0.02033	0.0718	-0.2208	-0.16342	0.1502	-0.24655	0.08624	0.32232
PFC0940c	0.29649	-0.057	-0.22708	-0.47807	-0.59665	-0.86341	-0.7382	-0.97259	-0.85479	-0.70152	-0.5433	-0.40477	-0.22899	-0.1419	-0.35287	0.0067	0.36258	0.35198	0.62344	0.95835	0.84796	0.3936	0.7732	0.53352
PF10 0121	0.78725	0.93619	1.30059	0.77725	0.99236	0.71163	0.64959	0.78476	0.77531	0.76172	0.60261	0.66448	0.62556	0.23664	0.17208	0.07719	0.16177	0.07942	0.25519	0.4161	0.18009	0.34428	0.45868	
PFL1370w	-0.5663	-1.049	-0.65329	-1.1441	-1.25329	-1.08271	-1.23481	-1.24048	-0.85923	-1.13171	-0.38829	-0.01236	0.4813	0.53522	0.86072	0.94156	0.56383	0.78504	0.47005	0.27936	0.22985	0.27239	-0.08371	-0.78947
PF14 0634	0.59259	0.67694	1.72849	0.89484	0.84072	0.68487	0.8199	1.51162	1.51101	1.21499	0.87505	0.71705	0.4718	0.19848	-0.042	-0.19876	-0.34012	-0.19778	-0.2638	-0.05803	-0.04268	0.00594	0.08044	0.16842
PFF1285w	0.44988	0.64766	0.78019	0.56097	0.50614	0.22506	0.39626	0.35399	0.57678	0.58727	0.37525	0.47283	0.39495	0.25443	0.25507	0.16157	0.33934	0.30883	0.31492	0.4063	0.57302	0.27633	0.12545	0.21458
PF13 0256	0.25187	0.69878	0.7007	0.83521	0.83789	0.65211	0.59619	0.74038	0.30192	0.41143	0.40287	0.26034	0.26824	0.0246	0.21546	0.18518	0.16313	0.04945	0.29292	0.16912	0.23848	0.12224	0.16841	0.35388
PFE0240w	-0.21018	-0.2753	-0.31615	-0.16725	-0.33381	-0.23467	-0.35412	-0.46227	-0.49858	-0.61496	-0.47232	-0.32561	0.20267	0.28935	0.64292	0.7222	0.81749	0.58658	0.51011	0.36534	0.09191	-0.09479	-0.15673	-0.09984
PFL1675c	0.09221	0.54887	0.19387	0.74349	1.06585	1.04127	1.0683	1.09769	0.89582	0.533	0.52258	0.39281	0.44464	0.2086	0.01804	0.01655	-0.02948	0.11225	-0.00633	0.10559	0.19341	0.78189	0.4188	0.52156
PF11 0080	-0.01629	0.10104	1.09754	0.2961	0.50341	0.53725	0.49279	0.11652	0.35152	1.27424	1.08633	1.0186	1.02292	0.96816	0.78211	0.57191	0.18336	0.49389	0.03926	0.14449	0.74489	-0.14536	0.52916	0.01982
PFL1045w	-1.23862	-2.05859	-1.79552	-0.42812	-0.39147	-0.07949	0.89415	1.00163	1.20019	0.69081	0.8187	0.68813	0.56108	0.6311	0.48969	0.21741	0.02984	0.05969	-0.1757	-0.5266	-0.73655	-0.65593	-0.92707	-0.92244
PFE1350c	-0.52088	-0.35397	0.00557	0.07578	-0.16514	-0.07919	-0.27079	-0.1534	-0.07779	-0.04622	0.32619	0.20382	0.37356	0.37535	0.37888	0.47447	0.25317	0.12082	0.19739	-0.30147	-0.52488	-0.56708	-0.38626	-0.48482
PF14 0248	-0.73756	-0.63009	-0.75427	-0.86748	-0.94055	-1.09698	-1.30211	-1.62203	-1.44236	-1.2615	-0.69716	-0.53219	-0.08058	-0.01221	0.63984	0.67858	0.88255	0.40009	0.51453	0.14716	0.35883	-0.26503	-0.36998	-0.47234
PF11 0434	-0.20565	0.3043	0.27614	-0.2258	0.73566	0.74936	0.96085	1.13487	0.8569	0.50958	0.66704	0.60237	0.36714	0.37778	0.2399	0.23472	0.08803	0.25354	0.1836	0.05056	0.13734	-0.17126	-0.27137	-0.16427
PFI0350c	0.01333	0.1822	0.58359	0.29074	0.33367	0.79868	0.83503	0.76008	1.05461	0.96236	0.9272	0.87	0.74134	0.39729	0.47064	0.105	-0.24107	-0.41619	-0.6571	-0.74084	-0.56859	-0.54386	-0.26062	-0.19616
PF14 0778	0.96559	0.69728	0.36223	0.55654	0.31287	0.38735	-0.07658	0.04213	0.05667	-0.07166	-0.40261	-0.36802	-0.26796	-0.40513	-0.0908	0.09019	0.23506	0.36751	0.66566	1.03499	0.7584	0.7257	0.73143	0.82465
PFL1185c	-0.63176	0.14681	0.30347	0.83939	0.98735	1.14502	1.21233	1.30864	0.9254	0.77783	0.73348	0.28774	0.16714	-0.20129	-0.51159	-0.32705	-0.72117	-1.03708	-0.75816	-0.86161	-0.66984	-0.88201	-0.51493	-0.26615
PFC10 API0037	0.02395	-0.83939	-1.20496	-0.98907	-0.73915	-1.05067	-0.75061	-0.36829	-0.80763	-0.20062	-0.06671	-0.36955	-0.61728	0.07801	0.10082	0.58815	0.40506	0.68065	0.13276	0.38423	0.24905	0.69344	-0.22916	-0.16625
MAL7P1.154	-1.05179	-0.46975	-0.39171	-0.69475	-0.79009	-0.74996	-0.68566	-0.7293	-0.50495	-0.14785	0.19874	0.30459	0.64014	0.42559	0.6083	0.55767	0.24086	0.25027	0.3626	-0.17096	-0.2428	-0.2058	-0.1612	-0.28241
MAL8P1.59	-0.18833	-0.18354	0.05864	-0.10375	-0.36673	-0.05876	-0.08571	-0.07872	0.96445	0.92924	1.01501	1.13409	0.76056	0.71841	0.66453	0.56149	0.10122	0.26882	0.14816	-0.07813	-0.19531	-0.29458	-0.28804	-0.34611
PF1100w	1.20884	0.12557	-0.68459	0.22752	0.30389	0.03205	-0.2024	-0.21393	-0.38208	0.23633	0.56396	0.63763	0.59886	0.49171	0.22629	-0.03372	-0.14573	-0.04649	0.36798	0.54664	0.72636	0.97378	0.95094	0.95786
PFI1225w	0.75218	0.69851	-0.46709	0.64851	0.30898	0.49597	0.85285	0.54012	0.38448	0.1474	0.20531	0.23244	0.20073	0.02617	0.14141	0.11067	0.10574	0.09841	0.74248	0.27179	0.39062	0.55365	0.53144	0.61272
PFC0750w	-0.03606	0.1991	0.17571	0.34971	0.44211	0.16245	0.23422	0.54784	0.42532	0.57023	0.53529	0.67657	0.53076	0.44399	0.12535	0.17177	0.16473	0.14513	0.22684	0.15041	0.24078			

PF1345c	0.66264	0.14146	-0.15967	-0.19205	-0.19336	-0.35268	-0.29502	-0.58396	-0.51297	-0.28538	-0.5286	-0.3364	-0.41728	-0.41833	-0.45352	-0.45287	0.21053	0.70236	0.64417	0.63621	0.51336	0.12605	0.12692	0.14639	
PF07_0051	0.01806	0.80641	0.41015	1.06611	0.85125	1.16141	1.56587	1.02915	1.2736	1.18552	0.64934	0.56339	0.3622	0.36504	0.05	0.13241	-0.11143	-0.19869	-0.28268	-0.25777	-0.17312	-0.17468	-0.29666	-0.2192	
PFL2090c	-0.00602	-0.65334	-1.55678	-0.61189	-0.8897	-0.57124	-0.48156	-0.96144	-1.00896	-0.95692	-0.69654	-0.73018	-0.19355	-0.12862	0.30367	0.67279	-1.74277	0.48179	1.31906	0.73152	0.55789	0.2847	0.21507	-0.31321	
PFD0505c	0.32579	0.58681	0.36347	0.48039	0.47294	0.44086	0.47878	0.25885	0.36848	0.27561	0.33753	0.37113	0.30861	0.25473	0.25053	0.23796	0.09882	-0.10095	-0.07382	-0.38584	-0.30457	-0.13242	-0.02991	0.12088	
PF13_0021	-1.62983	-1.78354	-1.62246	-1.75661	-1.6978	-1.57013	-1.15241	-0.53755	0.00627	0.31273	0.79786	0.95009	0.94553	0.70245	0.7637	0.40808	0.11291	-0.31269	-0.24598	-0.75976	-0.74476	-0.91871	-1.10939	-1.20938	
MAL13P1.175	-0.09163	-0.37553	-3.38759	-0.20714	-0.38829	-0.37239	-0.42591	-0.52957	-0.97225	-1.44014	-1.56149	-1.71149	-1.53736	-1.34488	0.221	0.7924	1.11315	0.96263	1.25379	0.8952	0.74204	0.41278	0.19959	-0.21313	
PFA0105w	-0.46746	-0.89058	-0.13756	-0.52234	-0.36056	0.24282	0.51694	1.42068	1.42359	1.32857	0.98303	0.95439	0.52856	0.11953	-0.06493	-0.27266	-1.14212	-0.5773	-0.64447	-0.52213	-0.5432	-0.75555	-0.75801	-1.00484	
PFF1005w	0.71498	1.16762	0.8676	1.45954	1.35304	1.45186	1.37856	1.35918	1.10968	0.78027	0.6667	0.30829	0.39359	0.09796	0.09695	-0.08144	-0.04585	0.19536	0.48019	0.09801	0.71612	0.15239	0.51686	0.42061	
PF10_0203	-1.42443	-1.19559	-0.99565	-1.16611	-1.05134	-0.78397	-0.92736	-0.8259	-1.03626	-0.68646	-0.54812	-0.36675	-0.23873	-0.18834	0.40488	0.57059	0.83306	0.5628	0.87603	-0.03456	-0.566	-1.00115	-1.12622	-0.89324	
PFI0045c	0.13999	0.58301	0.6704	0.55717	0.37769	0.53649	1.11242	0.28662	1.04977	1.03363	0.73016	0.55872	0.64716	0.42884	0.17981	-0.13479	-0.08585	-0.25903	-0.21903	-0.21374	-0.10792	-0.30969	-0.24314		
PFC0215c	-0.50687	-0.59066	-1.12174	-0.57456	-0.4029	-0.45062	-0.61457	-0.57135	-0.53066	-0.24781	-0.07054	0.24137	0.39575	0.50334	0.4492	0.41571	0.52638	0.44787	0.24147	0.15665	0.01865	0.15648	0.01495	0.06961	
PF07_0099	0.34312	0.91638	0.95802	1.3466	1.32716	1.51425	1.25378	1.26704	0.70553	1.14261	1.22826	1.04909	0.65287	0.27315	0.07065	-0.2009	-0.16296	-0.68943	-0.55052	-0.24651	-0.45076	-0.11793	0.32087	0.56189	
PFL1360c	-0.27768	-0.63868	-0.01365	-0.65567	-0.71697	-0.70438	-0.71043	-0.86426	0.01512	0.32564	0.4131	0.59755	0.62052	0.55532	0.40377	0.38997	0.37499	0.19338	0.30769	0.55772	0.37374	-0.15696	0.46929	0.43286	
PFC0441c	0.86347	0.39306	0.38334	0.75265	0.78378	0.89002	0.91574	1.21665	1.05482	0.88205	1.23954	1.29268	0.74431	0.50535	0.18421	0.02176	-0.081539	-0.29959	-0.07215	-0.43873	-0.39797	-0.27731	0.10377	0.26586	
PF14_0585	-0.58921	-0.15003	-0.0558	-0.12104	-0.05043	0.02069	-0.11102	0.19993	-0.00575	0.40541	0.57666	0.2819	0.42722	0.06741	0.08602	-0.0388	-0.26144	-0.47414	-0.45234	-1.2096	-1.3251	-0.97	-1.01455	-0.60767	
PF14_0179	-1.04034	-1.36959	-0.60909	-1.5035	-1.28674	-1.14961	-1.17779	-0.72602	-1.0989	-1.50058	-0.56401	-0.75047	-0.11904	0.01642	-0.18632	-1.17931	-0.36582	-1.5077	-1.5938	-0.41285	-0.55685	-0.8317	-0.00533	-0.74893	
PFB0620w	-0.60691	-0.15581	-0.00892	0.45628	0.79159	0.88731	0.89403	1.09613	1.12958	1.1828	1.3787	1.29968	0.92295	0.36195	0.28131	-0.16875	-0.57696	-1.00331	-0.85665	-1.0936	-0.84737	-0.60995	-0.52137	-0.25692	
MAL13P1.55	0.49743	0.89337	1.16528	0.99936	1.40443	1.79329	1.96222	1.91263	1.66861	1.22876	1.12137	0.88611	0.68003	0.34384	0.208	-0.08204	-0.39273	-0.31944	-0.42553	-0.63558	-0.57282	-0.39011	-0.10536	0.35117	
PF11_0451	0.44627	0.17599	0.65437	0.40093	0.47481	0.30969	0.21331	0.12983	0.11296	0.14507	0.06965	0.18026	0.06689	0.12392	-0.02332	-0.01381	-0.17444	0	0.11529	0.21293	0.22668	0.25882	0.45214	0.48737	
PF10_0076	0.06252	0.19891	0.46112	0.54693	0.88462	0.18954	0.31751	1.11596	1.11626	0.66904	0.67555	0.58262	0.47274	0.26272	-0.02396	-0.01516	-0.05273	0.0471	-0.14589	0.08809	0.31945	0.33914	0.36613	0.36696	
PF11_0056	1.64238	1.17645	0.73048	0.48612	0.58914	0.18969	0.1991	-0.00136	-0.27616	-0.1347	-0.08799	-0.15336	-0.00308	-0.23975	-0.2575	-0.32163	-0.16202	0.22306	0.87963	0.55887	1.25311	1.06336	0.63321	1.16175	
PFL1460c	0.48007	0.44673	0.08406	0.51942	0.4851	0.44119	0.45087	0.36762	0.41488	-0.23386	0.19206	0.0167	0.01092	-0.00483	0.0605	0.1086	0.32493	0.35637	1.29599	0.68152	0.73958	0.34476	0.87683	0.46872	
PF11_0476	0.55002	0.57592	0.71858	0.51547	0.20597	0.31654	0.19008	0.24626	0.12446	0.32082	0.47725	0.60994	0.43633	0.28289	0.12266	0.14608	0.08741	0.29112	0.05104	0.19501	0.17458	0.35485	0.28935	0.18215	
PF07_0098	0.28955	0.59425	1.02285	0.90631	0.87909	1.38194	1.03356	0.69543	0.63697	0.69671	0.60458	0.74317	0.65485	0.38417	0.35899	0.12576	-0.10029	-0.30796	-0.03466	-0.0574	-0.09328	0.13619	0.34977	0.63784	
PF10_0317	-0.37513	-0.60101	0.29871	-0.3259	-0.00707	0.37048	0.48137	0.27969	-0.02287	0.00151	0.30057	0.30061	0.33757	0.35328	0.70584	0.61757	0.39144	0.09207	0.49082	-0.2473	-0.59797	-0.42838	-0.57125	-0.59033	
PF14_0085	0.77606	1.08668	1.55219	1.35702	1.47887	0.89633	1.31475	0.89213	1.14701	0.74434	0.55575	0.29799	0.24867	0.31089	0.054	-0.09534	-0.35476	0.07722	-0.22662	0.09658	0.29556	0.23104	0.53779	0.83091	
PF07_0130	-0.21102	0.5711	0.30813	0.47352	0.74329	0.62876	0.65502	0.71698	0.15329	0.11866	0.09613	-0.12981	0.11712	0.24592	0.41817	0.61214	0.49105	0.53785	0.58335	0.32835	0.47486	0.20042	0.02076	0.02146	
PFF0015c	-0.73538	-1.22003	-1.55525	-1.17143	-1.03199	-1.10494	-0.72942	-0.65708	-0.83944	-0.87331	-0.81433	-0.92854	-0.74679	-1.10048	-1.11911	-1.09429	-0.52546	-0.89452	-0.68352	-1.009	-0.9165	-0.91651	-0.99445	-1.1727	
PF10_API008:t																									
RNA	0.88093	0.34758	-0.49056	-0.03369	0.10811	0.16136	-0.04952	0.54047	0.15567	0.00835	-0.06517	0.19309	-0.20148	-0.07338	0.02141	0.44924	0.16538	0.99099	0.6377	0.63492	0.43065	0.83022	0.33163	0.14944	
MAL13P1.147	-0.60057	-0.68676	-0.56695	-0.77394	-0.4606	-0.68836	-0.87783	-0.8214	-0.60881	-0.35082	-0.01688	0.19398	0.47164	0.5641	0.75156	0.77871	0.55664	0.3848	0.0682	0.31695	-0.04986	-0.52527	-0.50072	-0.77365	
PF14_0684	-0.16833	0.21212	0.41965	0.40461	0.58184	0.89324	0.65818	0.51427	0.28307	0.18994	0.23262	0.06153	0.11681	0.00365	-0.13746	-0.2173	-0.03808	0.01289	-0.31029	0.25622	0.58155	0.65483	0.87477	0.68957	
PF14_0216	0.15959	-0.20753	-1.10704	-0.35725	-0.76224	-0.49355	-1.29703	-0.70037	-0.38987	-0.11742	-0.00175	0.33798	0.39767	0.44025	0.59099	0.78365	0.103704	0.7441	1.15512	0.89907	0.57661	0.27747	0.45049	-0.10521	
MAL8P1.46	0.52141	0.33876	0.62989	0.90609	0.88782	0.39435	0.22742	0.1861	0.09712	0.0432	0.11696	0.14863	-0.08345	-0.1007	-0.52212	-0.32876	-0.27406	-0.11507	0.12654	0.03723	0.42165	0.01972	0.32104	0.42601	
PFC0545c	0.39705	0.79891	0.53002	0.65989	0.69426	0.46253	0.22052	0.07216	-0.28315	-0.40915	-0.29024	-0.30576	-0.20369	-0.27019	-0.02538	0.05443	-0.13303	0.17107	0.21555	-0.09621	-0.11601	-0.05402	0.16312	0.26491	
PFI0560c	-0.03491	-0.25048	0.33192	0.40474	0.43846	0.39293	0.33901	0.2041	0.10568	0.18786	0.41758	0.48575	0.45453	0.15403	0.20618	0.22571	0.25618	0.29904	0.58402	0.45752	0.37547	0.58565	0.74089	0.64872	
PF11_0453	0.05851	0.38079	0.13909	0.44715	0.84224	0.90667	1.12836	1.51094	1.37048	1.05992	1.03059	0.94576	0.80081	0.55429	0.25258	0.11464	-0.23294	0.01779	-0.08282	-0.29611	-0.18063	-0.18296	-0.31483	-0.28335	
PF14_0134	0.27254	-0.05644	0.19134	-0.05629	-0.34484	-0.3635	-0.43972	-0.54223	-0.25909	0.06921	-0.02806	0.14677	0.25253	0.28836	0.38054	0.28726	0.36371	0.4895	0.22885	0.35029	0.0327	-0.03632	0.03519	-0.02005	
PFE0615w	-0.30421	-0.1837	-0.25092	0.03063	0.37731	1.11679	2.1805	1.97417	1.86477	1.35875	0.58048	0.43996	0.32605	0.14706	-0.18013	-0.21847	-0.44657	-0.53184	-0.24927	-0.19082	-0.10763	-0.24583	-0.0693	-0.39431	
PF07_0096	0.71355	0.47727	0.56138	-0.00325	0.00924	-0.18822	-0.29386	-0.3786	-0.53059	-0.3416	-0.15067	-0.04936	-0.29806	-0.01897	0.07029	0.05593	0.28181	0.35063	0.49566	0.33945	0.30345	-0.04044	0.15684	0.28205	
PF14_0579	-0.4504	0.37516	0.57882	0.637	-0.23045	0.72898	0.45557	0.39044	0.83621	0.34827	0.46785	0.94784	0.1491	-0.1803	-0.17214	-0.48034	-0.9073	-1.3789	-0.9832	-1.9003	-1.875	-1.05049	-0.82422	-0.93619	
PF14_0199	0.3924	-0.10591	0.32081	0.43375	0.34052	0.07873	0.05623	-0.01428	-0.11165	0.01223	-0														

PF10_0300	0.61232	1.10057	1.38331	1.21308	1.46412	1.52378	1.25244	1.40216	0.75505	0.72821	0.83592	0.70956	0.05716	-0.3833	-0.29232	-0.55397	-0.78672	-0.71689	-0.75691	-1.44369	-0.54646	-0.58022	-0.32568	0.28896
MAL7P1.69	-0.09098	0.40319	-0.19816	0.22402	0.23003	0.08895	0.14799	1.41467	0.99332	1.0644	1.10818	0.89767	0.86045	0.50617	0.4598	0.23846	-0.09725	-0.05572	0.01911	-0.34469	-0.34863	-0.19062	-0.42461	-0.3764
PF13_0317	0.26816	0.13566	0.14192	0.40994	0.23892	0.26868	0.11243	0.23702	0.33239	0.36369	0.66797	0.71864	0.80924	0.63	0.43411	0.43029	0.07824	0.11156	0.57738	0.50177	0.5642	-0.16048	0.36255	0.37309
PFB0501c	-0.11667	-0.37265	-0.28656	-0.26817	-0.28643	-0.35954	-0.60534	-0.53501	-0.22238	0.15997	0.41289	0.48072	0.53126	0.42463	0.53151	0.55763	0.46161	0.34018	0.68413	0.39701	0.23119	-0.01397	0.01661	0.02518
PFA0500w	-0.6628	-0.04527	0.03839	-0.1324	-0.12175	-0.03823	-0.05732	0.32614	0.34562	0.28707	0.46412	0.50209	0.68455	0.30239	0.47705	0.27437	-0.01344	-0.27754	-0.49284	-0.77375	-1.01912	-0.94945	-0.66036	-0.3573
PF14_0417	-1.52374	-1.38227	-1.89386	-1.24356	-0.96725	-0.71271	-0.34578	-0.00937	0.37488	0.61656	0.62679	0.75674	1.00025	0.89599	0.68273	0.31907	0.06299	-0.00672	-0.129	-0.53404	-0.94913	-0.72335	-1.09352	-1.02338
PDF1055w	-0.45185	0.39009	0.32831	0.39977	0.38127	0.84981	0.62556	0.13297	0.10596	0.34525	0.18977	0.49608	0.59174	0.35391	-0.13895	0.03022	-0.5694	-0.58688	-0.99508	-1.95109	-1.63839	-1.08716	-0.91286	-0.50583
PF02040c	-0.38739	-0.26279	-0.20877	-0.13333	-0.34271	-0.1089	-0.11135	-0.13575	0.10422	0.26083	1.11215	1.03357	1.08766	0.7674	0.82142	0.44217	0.17748	-0.07395	0.02423	-0.50752	-0.4135	-0.3852	-0.19137	-0.27577
PF13330c	-0.23678	0.20759	0.23368	0.15238	0.15241	0.3207	0.3845	0.37757	0.61084	0.67254	1.06009	1.16051	0.99431	0.62225	0.66374	0.52545	0.03561	0.27341	0.07918	-0.43979	-0.5587	-0.48622	-0.50951	-0.25413
PF11_0100	0.08751	0.22934	0.23254	0.29018	0.27307	0.11639	0.17976	1.11912	0.86741	0.34515	0.61496	0.68475	0.49163	0.26478	0.3372	0.16469	0.0472	-0.05104	0.2762	-0.12145	-0.0854	0.02631	-0.01059	-0.00322
PF14_0180	-0.58377	-0.54068	-0.20552	0.11714	0.42994	0.73612	0.8708	0.74324	0.73433	0.68978	0.52589	0.71414	0.70393	0.46322	0.49815	0.33123	0.30288	0.07022	0.02126	-0.13304	-0.38976	-0.45389	-0.4717	-0.01404
PFL0805w	0.5113	0.64517	0.97942	0.83247	0.94654	0.76812	0.58217	0.53563	0.26212	0.42434	0.53226	0.57784	0.50858	0.34855	0.14624	0.14675	-0.00917	-0.05411	0.04615	0.06072	0.17329	0.1137	0.05988	0.22902
PF10_0252	-0.91812	-1.15093	-0.08313	-1.01233	-1.21937	-1.38373	-1.5445	-1.16003	-0.83964	-0.2203	0.73936	0.86532	1.01802	0.61329	0.67431	0.42016	0.10131	-0.07873	-0.31311	-0.27778	-0.65171	-0.32526	-0.3023	-0.50811
PFC0990c	0.11695	0.54814	-0.13109	0.61088	0.61461	0.57297	0.70326	0.52674	-0.14072	0.18763	0.21373	0.26718	0.09479	0.15771	0.24345	0.30731	0.20958	0.51902	0.32749	0.39361	0.29515	0.31655	0.29667	0.53298
PFE1590w	-1.97841	-1.41643	-1.02556	-0.88363	-0.78237	-0.14598	0.40099	1.03254	1.52784	1.636	1.20971	1.0206	0.66734	0.61056	0.03798	-0.34026	0.2669	-1.05441	-1.28149	-2.24947	-2.43465	-1.54007	-2.00203	-1.71416
PFI0955w	0.1785	-0.07703	0.7175	-0.10504	-0.19847	-0.34858	-0.41236	-0.50755	-0.1181	-0.45571	-0.47447	0.09595	-0.09856	0.07727	0.1671	0.33624	0.43636	0.43894	0.92123	0.63232	0.49853	0.32022	0.242	0.18904
PF1135c	0.48267	0.71664	0.43305	0.84241	0.5921	1.20254	1.55539	1.31367	1.1496	0.86494	0.67708	0.58201	0.34584	0.25959	0.031746	0.1694	-0.11963	-0.09723	0.20881	-0.13369	0.04966	0.28861	0.20307	0.34691
PF1175c	-0.15053	0.518	0.24967	-0.02086	0.02568	-0.14215	-0.23925	-0.13972	-0.09634	0	1.49885	0.24833	0.30308	0.24512	0.09817	-0.198	-0.66342	-0.33245	-0.75551	-0.84457	-0.75012	-0.39556	-0.41416	-0.4217
PF14_0378	-1.39978	-0.69962	-0.42231	-0.37668	-0.34498	-0.27228	-0.36528	-0.48674	-0.20971	0.12485	0.55726	0.75632	0.68282	0.63319	0.39656	0.28626	-0.52356	-0.40429	-1.09225	-1.54729	-1.6711	-1.96942	-1.87796	-1.7135
PF0645c	0.47317	-0.41796	-0.4373	-0.29856	-0.34988	-0.73302	-0.78998	-1.34352	-0.9591	-2.38784	-1.32947	-1.65733	-1.79925	-1.50861	-1.58461	-0.34349	0.54054	0.74305	1.02729	1.57782	1.52688	1.0421	1.3007	0.66843
PF14_0435	0.01059	-0.04787	-0.10469	-0.18402	-0.00314	-0.18258	-0.34659	-0.35125	-0.31849	-0.20681	-0.09149	0.078	0.09861	0.33791	0.30431	0.50757	0.74432	0.42272	0.32749	0.20461	0.0619	0.01644	-0.00028	-0.0168
PF1605w	0.38663	0.65441	0.56426	0.74863	0.75013	0.73534	0.66306	0.51584	0.576	0.59905	0.51565	0.38045	0.41367	0.19551	0.10465	0.05045	0.05433	0.09575	0.11216	0.2592	0.4256	0.23524	0.30779	0.46051
PFL0085c	-0.35616	-0.39319	-0.41785	-0.37022	-0.37535	-0.57606	-0.52142	-0.19717	-0.1531	-0.36676	0.28429	0.44452	0.48673	0.54448	0.52203	0.54744	0.35448	0.65704	0.49286	0.12826	0.08115	-0.34689	-0.3213	-0.0375
PFB1045w	0.60247	0.19378	-0.36318	0.05639	-0.20215	-0.49615	0.37599	0.58633	0.5565	1.13223	0.94473	0.53678	0.36683	0.56786	0.1418	0.32629	0.13227	0.04108	0.26177	-0.02653	-0.01776	-0.05366	-0.06608	0.038
PFI1455w	0.5569	0.70033	0.7638	0.51433	0.48335	0.5224	0.29132	0.82201	0.71932	0.66509	0.52946	0.65529	0.45987	0.2524	0.09864	0.15518	0.13242	0.3352	-0.10525	0.11778	-0.16221	0.14852	0.35895	0.24476
PFI1380c	0.64447	1.00107	1.06052	1.3526	1.382	1.27134	1.28276	0.96191	0.60278	0.42839	0.39353	0.11036	0.1115	-0.06458	-0.24219	-0.35572	-0.13278	-0.03322	0.03672	0.3676	0.84179	0.96138	1.28045	1.54675
MAL8P1.69	-0.68947	-0.70011	-0.74708	-0.56369	-0.71769	-1.08746	-1.14606	-0.97904	-1.23099	-0.51877	-0.2714	-0.19661	0.28453	0.48438	0.89866	0.75511	0.23513	0.12551	-0.14616	-0.2328	-0.52643	-0.56106	-0.39663	-0.58423
PF14_0757	1.20985	1.08834	0.19436	0.98341	0.99512	1.11908	1.02982	1.52771	0.99114	0.60257	0.34303	0.19596	-0.12118	0.11842	0.25916	0.37325	-0.00475	0.49216	0.8973	0.00046	0.36674	0.51434	-0.13064	0.31928
PF10_API0054:t																								
RNA	0.29594	0.38528	-0.06438	-0.51884	-0.71138	-0.68536	-0.68015	-0.34767	-0.41569	-0.08782	-0.12866	0.13636	-0.145	0.07738	0.20478	0.60964	0.41677	0.76598	0.80526	0.33978	0.11532	0.43676	-0.06971	-0.41717
MAL8P1.134	0.15737	-0.42087	-0.51755	-0.7112	-0.6281	-0.60706	-0.39071	-0.70673	-0.82966	-1.02799	-1.25948	-1.22903	-0.86834	-0.18808	0.30449	0.70455	1.05642	0.77338	1.2861	1.13263	0.97477	0.353	0.20354	-0.17575
PF11_0431	0.05383	-0.15641	0.465	0.36485	0.34554	0.46227	0.37024	0.28826	0.17166	0.1241	0.24039	0.16088	0.1311	0.05686	-0.03578	-0.15223	-0.21946	0.09124	0.23564	0.26654	0.46232	0.53068	0.76795	0.81249
PF10_API0048:t																								
RNA	1.13655	0.83768	0.41621	0.56275	0.70082	0.62037	0.20934	0.97048	0.06838	-0.63104	-0.5821	-0.73768	-0.95139	-0.66646	-0.67928	0.00243	-0.50832	0.53173	1.2648	0.30362	0.76187	1.23096	0.62225	0.68403
PFF0560c	0.14092	0.33333	0.07047	0.53408	0.41125	0.27296	0.25501	0.24213	0.34315	0.46957	0.469	0.49649	0.4224	0.50604	0.35089	0.19222	0.23704	0.12837	-0.08815	-0.06925	-0.10874	-0.20447	-0.02442	0.03048
PF11_0404	-0.41352	-0.50321	-0.0158	0.3701	0.89395	1.49269	1.64359	1.26117	1.38317	1.8111	0.94256	0.73656	0.43655	0.28821	-0.21339	-0.54241	-0.59099	-0.67102	-1.09019	-0.76019	-0.54892	-0.45161	-0.39777	-0.22853
PFL1720w	-1.08646	-1.40158	-1.98123	-1.66025	-2.05981	-1.91495	-1.91358	-1.82665	-1.57562	-1.36866	-0.50618	-0.13434	0.34282	0.50726	0.93719	1.03217	0.53671	0.83328	0.62208	-0.17765	-0.55626	-0.72032	-0.96322	-1.18784
PFI0965w	-1.06535	-0.48221	-0.32842	-0.2037	0.03015	0.46969	0.66182	0.9243	0.93469	1.10004	1.16068	1.10691	0.87477	0.41779	0.22575	-0.12048	-0.41332	-0.72495	-0.85116	-0.9631	-1.04049	-1.07173	-1.00466	-0.63056
PF08_0047	0.54321	0.67846	0.84098	0.9123	0.95238	0.76842	0.57642	0.41499	-0.10094	-0.13062	-0.39882	-0.49859	-0.6496	-0.87761	-0.69058	-0.48797	-0.21814	-0.40486	0.31187	0.08035	0.20657	0.47213	0.78513	0.5936
PF14_0388	0.644	0.37351	-0.22747	-0.03994	-0.57499	-0.67742	-0.74788	-0.87224	-1.02497	-1.17297	-1.2003	-1.26494	-1.50769	-1.36917	-0.76182	0.02285	0.59449	0.67503	1.54918	1.04029	1.14103	1.03814	0.9634	0.37634
PF13_0226	0.65224	0.00133	0.05871	0.1801	0.06398	0.01899	-0.13863	-0.51568	-0.70523	-0.74736	-0.5862	-0.6323	-0.58581	-0.59358	-0.35909	0.12199	0.5293	0.38607	1.51628	1.10935	1.38959	0.87015	1.15917	1.00177
PFF1025c	-1.47774	-0.77983	-0.33169	-0.35582	-0.28428	0.41842	0.71667	1.24515	1.33684	1.63033	1.4041	1.21351	0.76491	-0.08618	-0.82772	-1.2234	-1.82604	-2.07395	-2.05802	-2.27479	-1.98531	-1.46177	-1.32951	-1.20929
PF11_0438	-0.1853	0.3264	0.7019	0.4677																				

PF14 0314	-0.01612	-0.24367	-0.26113	-0.53693	-0.35782	-0.16462	0.05491	0.37477	0.06192	-0.12557	-0.3927	-0.41107	-0.36273	-0.32586	0.13055	0.46585	0.59515	0.63328	1.34956	0.85018	0.9071	0.39518	0.3324	0.27574	
PF14 0665	-0.35554	0.02416	-0.14437	-0.17692	-0.24345	-0.72156	-0.09908	0.06728	0.20432	0.38587	0.52307	0.38028	0.46703	0.49695	0.23532	0.33433	0.06661	0.38068	-0.00697	-0.104	-0.26746	-0.36794	-0.4363	-0.27635	
PF0500c	-1.30732	-1.66541	-1.51999	-2.15097	-2.21761	-2.32935	-2.14869	-1.97247	-1.01118	-0.12166	0.00459	0.2286	0.44446	0.70566	0.50711	0.42951	0.68453	0.47642	-0.44059	-0.17218	-0.34523	-0.46518	-0.72123	-1.16721	
PFI0605c	-0.68095	-0.8161	-0.70312	-1.06366	-0.9038	-0.99632	-1.0249	-0.62664	-0.23718	-0.14258	0.28745	0.2978	0.59533	0.53151	0.62274	0.548	0.17268	0.21457	0.08129	-0.21972	-0.49422	-0.5626	-0.67974	-0.62803	
PF14 0014	-2.41147	-2.54974	-2.43244	-2.92296	-2.73452	-2.35751	-0.97631	0.00978	0.5041	0.67385	0.84069	1.00733	0.90223	0.66272	0.57481	0.2726	-0.11205	-0.14462	-1.19181	-1.4542	-2.01638	-2.18928	-2.35833	-2.46022	
PF13 0174	-0.23031	-0.29241	0.12784	-0.09305	0.10107	-0.00524	-0.04371	-0.16479	-0.23168	-0.1773	0.06679	0.0802	0.18166	0.01431	0.21615	0.15593	0.22238	-0.09896	0.68099	0.21484	0.20645	-0.25542	-0.01469	0.30045	
PF08 0031	-1.11176	-0.99869	-0.53362	-0.71123	-0.18737	0.47263	0.04474	0.34544	0.66091	0.80985	0.96943	1.02854	0.95451	0.55925	0.62712	0.43681	-0.06677	-0.19277	0.23066	-0.20984	-0.42008	-0.87241	-0.83363	-0.83005	
PF01155w	1.42681	1.03639	0.39396	0.33674	-0.01427	-0.17661	-0.39247	-0.54565	-0.5697	-0.64299	-0.68703	-0.60004	-0.58902	-0.7992	-1.01815	-0.94367	-0.08144	-0.50632	0.53057	0.96819	1.21486	1.5658	1.46398	1.52504	
PFI0680c	0.00205	0.16829	0.32935	0.48831	0.59801	0.89549	0.94274	0.95561	0.95161	0.96747	0.83252	0.99567	0.55292	0.42281	0.01967	-0.20969	-0.48732	-0.59691	-0.20804	-0.41427	-0.31551	-0.02386	0.16464	0.26343	
PF11290c	0.2824	0.4844	-1.97936	1.37419	1.2205	1.06913	0.89749	0.93121	0.68684	0.6164	0.81191	0.69671	0.62988	0.22867	0.4165	0.22811	-0.05569	-0.01944	-0.00114	-0.50746	-0.59575	-0.49695	-0.10982	0.09641	
PF14 0442	-0.26655	-0.18525	0.14896	0.20716	0.34622	0.34096	0.37034	0.30308	0.34413	0.48915	0.38289	0.352	0.47194	0.51919	0.25168	-0.00602	-0.09853	-0.31646	-0.81386	-0.62881	-0.51753	-0.52898	-0.3213	-0.03576	
PFE1235c	0.41939	-0.1341	-0.02869	0.66972	0.75001	0.85081	0.75912	1.15079	0.91397	0.6476	0.40027	0.21493	-0.02311	-0.06677	-0.42625	-0.45434	-0.44565	-0.2896	1.36382	0.78494	0.64488	0.34267	0.96036	0.7579	
PF14 0126	-0.64956	-0.46792	0.12952	0.25441	0.23609	0.52236	0.56176	0.51264	0.86371	0.9168	0.91517	0.96312	0.78846	0.68389	0.2858	-0.06075	-0.08262	-0.32795	-0.79379	-0.97891	-1.03671	-0.84423	-0.88643	-0.66385	
PF09293c	-1.09338	-1.03765	-0.80064	-0.61906	-0.0985	0.75119	2.06664	2.68719	2.66832	1.95326	1.6114	1.0995	-0.04819	-0.62977	-0.58617	-0.85851	-0.96113	-0.88106	-0.72181	-1.05203	-1.19459	-0.9831	-0.97353	-0.58794	
PF0420c	-1.39993	-0.9675	-0.68587	-1.02734	-0.83174	-0.68265	-0.61069	-0.38456	-0.35864	-0.17516	0.15332	0.38165	0.57533	0.3723	0.79113	0.50726	0.15347	0.11652	-0.20519	-0.60485	-0.9293	-1.09172	-1.16635	-1.15408	
PFF1040w	0.0426	0.52659	0.74131	0.28876	0.63969	0.6382	0.48646	0.74535	0.72346	0.51362	0.60398	0.46301	0.30263	-0.01419	0.1058	0.20407	-0.03694	-0.03166	0.25238	-0.01755	-0.13749	-0.26609	-0.06409	0.12123	
PFI0 0293	0.25005	0.2766	0.29914	0.20526	0.3808	0.19896	0.07144	0.28224	0.03383	-0.12526	0.07423	-0.03935	-0.10396	-0.28764	-0.17867	-0.09582	0.16922	0.0018	0.26653	0.36197	0.41208	0.42974	0.25223	0.35512	
MAL13P1.212	2.05894	1.1749	0.42443	0.81447	0.57536	-0.01828	-0.50798	-0.75788	-1.10391	-1.27891	-0.78871	-0.52348	-0.5766	-0.79522	-0.82324	-0.95039	-0.93517	-0.88906	1.21368	1.14776	1.56693	1.54938	1.76127	1.94494	
PF0425w	0.91	0.79677	0.51451	1.32816	1.50166	1.58106	1.41746	1.45751	1.01508	0.57656	0.2204	-0.35486	-0.21259	-0.39522	-0.32257	-0.32847	-0.17528	-0.36942	-1.01038	-0.50667	-0.18747	0.0043	-0.0033	0.38272	
PF11 0281	1.28678	1.53089	0.50646	1.45958	1.37576	1.36566	0.98143	1.07932	0.72652	0.55775	0.50212	0.41646	0.36687	0.35373	0.1703	-0.078	-0.43556	-0.63958	-0.23918	-0.27009	0.22781	0.55943	0.51044	0.22919	
PF10 0320	0.98754	1.21191	1.4311	1.5929	1.39762	1.54971	1.55536	1.31012	1.42378	1.17893	0.9559	0.8948	0.58141	0.3914	0.00908	-0.0278	-0.2375	-0.5384	-0.75812	-0.80839	-0.86026	-0.43107	-0.0239	0.189	0.42488
PFL1795c	0.40294	0.03851	0.16359	0.05067	0.19269	0.41691	0.69008	0.81466	1.15275	1.22576	0.95886	0.84754	0.69266	0.5389	0.01677	-0.35965	-0.52229	-0.52251	-0.46441	-0.0333	0.04369	0.22818	0.28528	0.48959	
PF13 0356	-0.13304	0.09116	0.12497	0.4109	0.21659	0.18267	-0.00111	0.02655	-0.11776	-0.11366	-0.27671	-0.2744	-0.20015	0.20673	0.20671	0.36387	0.32267	0.19585	0.29646	0.1729	-0.23834	-0.23502	-0.36353	-0.2699	
MAL13P1.106	0.77986	1.0632	0.74001	1.36344	1.39609	1.3762	1.05245	1.12859	0.69914	0.22209	0.341	-0.06245	-0.07587	-0.10664	-0.02699	-0.05406	-0.15776	-0.11211	0.56111	0.26521	0.63338	0.60369	0.88068	0.9281	
PF0390w	0.25451	0.47516	0.39562	0.9597	1.19244	1.2066	1.09774	1.01502	0.7565	0.34795	0.30945	0.02156	-0.00619	-0.23974	-0.00245	0.10238	-0.09479	0.03617	0.14591	0.01037	0.04598	0.33941	0.41111	0.69872	
MAL7P1.209	-0.57797	-0.6437	-0.11317	-0.02574	0.1325	0.34904	0.64011	0.85159	0.97688	1.10583	1.05916	1.15804	0.83705	0.48278	-0.02386	-0.25192	-0.5002	-0.54178	-0.46283	-0.77172	-0.46329	-0.65688	-0.33229	-0.46815	
PF13 0241	-1.11025	-0.97917	-0.80101	-0.94746	-0.86584	-0.55613	-0.34455	-0.23994	-0.09412	0.19756	0.36563	0.58417	0.43982	0.29441	0.35204	0.24539	0.1626	0.11431	-0.18617	-0.33441	-0.54371	-0.58682	-0.75396	-0.86428	
PFL1455w	-0.90246	-1.08346	-0.72127	-1.08347	-1.18856	-1.06043	-0.86015	-0.30089	0.75655	0.96975	1.04716	0.93684	1.00348	0.75159	0.47596	0.1884	-0.30603	-0.14867	-0.60252	-0.55204	-0.62375	-0.58873	-0.635	-0.63215	
PF0705w	0.69227	0.64081	0.62356	0.68156	0.7225	0.12446	0.33322	0.58984	0.39177	0.3133	0.49206	0.22599	0.01071	-0.0895	-0.3588	-0.48152	-0.46062	-0.27747	0.28631	0.022	0.13199	0.06795	0.36353	0.46346	
PF13 0203	0.38994	0.56772	0.55336	0.3972	0.52836	0.66619	0.55324	0.51699	0.67044	0.46462	0.45987	0.19151	0.10443	-0.31652	-0.51043	-0.7083	-1.36524	-0.93626	-0.85262	-0.37129	-0.49344	-0.15937	0.20274	0.28936	
PFI1185c	-0.2483	0.02265	0.14314	0.29518	0.34947	0.54261	0.52446	0.71005	0.68702	0.70749	0.59412	0.6072	0.46011	0.51237	0.44977	0.26432	0.32445	0.17137	0.03033	0.02551	-0.05558	-0.14718	-0.21016	-0.16143	
PFL1420w	-1.54746	-0.8721	-0.53828	-0.71488	-0.71535	-0.70124	-0.61101	-0.45237	-0.37527	0.09152	0.63166	0.72709	0.76176	0.62394	0.59376	0.19162	0.04442	-0.72997	-1.08398	-1.78108	-2.01449	-1.96703	-1.94827	-1.68143	
PF14 0676	-1.09979	-0.82369	-0.84066	-0.67746	-0.70519	-0.65217	-0.52214	-0.39846	-0.47821	-0.184	0.22411	0.29547	0.39117	0.32123	0.71503	0.62278	0.02657	0.51463	-0.01847	-0.34076	-0.71949	-0.9837	-1.05515	-0.92539	
PFL1195w	0.84805	0.69911	0.00499	0.418	0.049	0.09254	0.00749	0.02773	-0.16395	-0.02065	-0.0226	0.05404	-0.02307	0.14817	0.49296	0.47418	0.33049	0.38278	0.79469	0.46165	0.45919	0.6706	0.50945	0.56422	
PF13 0238	0.62466	1.14585	0.61813	1.04621	0.8221	0.46504	0.01549	0.25711	-0.4321	-0.06651	-0.54242	-0.92673	-1.03711	-1.42706	-1.19435	-0.80073	-0.35932	-0.75705	-0.02378	0.00756	0.18542	0.59655	0.6816	0.69357	
MAL8P1.105	0.04272	0.23635	0.48276	0.42351	0.31932	0.4183	0.37957	0.10043	0.24514	0.24778	0.26931	0.21759	0.42556	0.42056	0.38389	0.15135	0.01843	-0.03546	-0.31919	-0.59989	-0.61736	-0.4323	-0.47927	-0.3991	
PFI0410c	0.77254	0.14621	-0.90806	-0.03156	-0.35591	-0.39721	-0.67543	-0.84014	-1.06689	-1.05287	-0.96951	-1.19381	-1.1949	-1.19526	-0.83354	-0.15962	0.71728	0.58463	1.44303	1.24102	1.3444	1.05142	1.05089	0.65536	
PFF1085c	-0.34105	-0.13662	0.49939	0.79706	1.21093	1.55895	1.4217	1.18914	1.02881	0.905	0.75904	0.7653	0.48633	0.31605	0.22573	0.1238	0.12796	-0.11859	0.17646	-0.06475	-0.13772	-0.22582	-0.2334	-0.14453	
PFF1375c	1.18952	0.32287	-0.36749	-0.16232	-0.57928	-1.25622	-1.8997	-1.97187	-2.55595	-2.19159	-1.81984	-1.56133	-1.34281	-1.31471	-1.00829	-0.97942	-0.58203	-0.42761	0.89781	1.47707	1.0732	0.73236	1.72421	1.8251	
PF13 0140	-0.7932	-0.8284	-0.73391	-0.5549	-0.58048	-0.55799	-0.51146	-0.5156	-0.34616	-0.16851	0.22901	0.45584	0.80659	0.65359	0.85806	0.68537	0.23401	0.38506	0.19017	-0.23898	-0.47952	-0.98108	-1.09991	-1.07515	
PF14 0192	-1.19884	-1.23798	-1.59991	-1.48415	-1.24094	-0.73266	-0.18814	-0.14457	0.31509	0.68053	0.78614	0.91873	1.04959	1.03955	0.80463	0.62204	0.13752	-0.10038	0.11363	-0.28772	-0.6388				

PF14_0531	-0.32405	-0.50364	-0.42718	-0.62007	-0.50709	-0.62823	-0.69244	-0.97084	-0.91836	-0.64904	-0.39849	-0.13221	0.19815	0.45071	0.51961	0.55791	0.60615	0.36739	0.43403	0.23726	0.22783	-0.03677	-0.07814	0.00214
PFE0400w	-0.12548	-0.30405	-0.6585	-1.05134	-1.41875	-1.53984	-1.82359	-1.82921	-2.32194	-2.54471	-2.69189	-2.67913	-2.13596	0.09342	0.87746	0.94334	1.29864	0.85539	0.91754	0.8007	0.4	-0.14009	-0.62679	
PF11_0392	-0.31023	-0.58777	-0.8079	-1.08014	-1.22061	-1.42493	-1.48242	-1.89529	-2.19078	-2.43373	-2.68989	-2.74973	-2.26227	-1.09993	0.02995	0.71422	1.2843	1.15392	0.46522	0.98502	1.07992	0.5633	0.13972	-0.49499
PF1575c	-0.51413	-0.74339	-0.98531	-1.12161	-1.23449	-1.19533	-1.23034	-0.47132	-0.38096	-0.02911	0.16437	0.46595	0.6544	0.53767	0.59245	0.69786	0.55455	0.47747	0.36907	0.17929	-0.0338	-0.10943	-0.39064	-0.6141
PF13_0217	-0.65169	-0.48209	-0.55964	-0.4031	-0.08865	0.17209	0.13301	0.35364	0.13685	0.10603	0.17747	0.22276	0.24767	0.29813	0.50785	0.52665	0.72932	0.23158	0.28998	0.23309	-0.067	-0.52962	-0.38414	-0.45783
PFE0620w	-0.29162	-0.45468	-0.40589	-0.21969	0.06392	-0.16288	-0.18712	0.04494	0.20891	0.55712	0.69236	0.81867	0.54693	0.45798	0.23789	0.246	-0.01564	0.41142	-0.0918	0.19384	-0.06202	-0.28134	-0.37541	-0.34719
PFB0680w	-0.00233	-0.3698	-0.72042	-1.15795	-1.40245	-1.64635	-1.90119	-2.46443	-2.86504	-2.64261	-3.14328	-3.04779	-3.42444	-2.79923	-1.47843	-0.21746	-0.65382	1.00925	-0.66877	1.16423	0.11011	0.848	0.54289	-0.11524
PF14_0161	-0.26633	-0.93377	-0.79614	-0.52321	-0.37463	0.16361	0.2894	0.44076	0.52026	0.52582	0.62221	0.73315	0.69898	0.61817	0.44671	0.56688	0.37028	0.53858	0.46253	0.33039	0.00282	-0.22502	-0.15368	-0.28397
PFD0890w	-0.60503	-0.54091	-0.24408	-0.35007	-0.07211	0.52391	0.92356	1.45838	1.10286	0.7218	0.82628	0.5127	0.56675	0.18724	0.33633	0.14268	-0.40542	-0.35362	0.23068	-0.54959	-0.55425	-0.67553	-0.5443	-0.269
MAL7P1.170	1.05684	1.56641	1.65106	1.63143	1.8909	1.38226	1.666	0.96049	0.75684	0.26016	-0.14282	-0.70656	-1.68177	-2.97735	-3.3151	-3.96821	-3.48404	-3.71932	-2.37917	-1.11199	-0.10592	0.24532	0.59606	1.11879
PFF0150c	-0.10957	0.12861	-0.05939	0.02053	0.06382	0.05747	0.03243	0.1954	-0.01695	-0.05105	0.2457	0.31829	0.40607	0.42136	0.54234	0.52437	0.12734	0.42269	0.40622	0.21139	0.01785	-0.04317	-0.07787	0.00977
PF14_0430	-0.43901	-0.11579	-0.44836	-0.3045	-0.5941	-0.70479	-0.54514	-0.4036	-0.06581	0.22873	0.68551	0.90065	0.92568	0.77879	0.72064	0.56299	0.1691	0.14652	0.03498	-0.50582	-0.38391	-0.40266	-0.46069	-0.42141
PFL1520w	0.60627	0.412	0.56629	0.34814	0.26113	0.36189	0.14148	0.3018	0.20345	0.22253	0.29691	0.2431	-0.06741	-0.14819	-0.10934	-0.20003	-0.78531	-0.22913	0.90889	0.28729	0.21128	0.2522	0.47434	1.01189
PF14_0350	-0.07316	0.13617	0.18103	0.48742	0.57886	0.52987	0.42367	0.10599	0.05712	0.03071	0.01396	0.02814	0.10987	0.051	0.04047	0.24364	0.19535	0.11677	0.08453	-0.04494	-0.00752	-0.11095	-0.20168	-0.13369
PFL2115c	-0.3588	-0.37796	-1.02542	-0.98138	-1.0706	-0.91176	-0.8185	-0.41515	0.13121	0.38931	0.43908	0.4725	0.6933	0.64957	0.5423	0.38194	0.14599	0.30697	0.26885	0.18477	0.06545	0.05111	-0.18085	-0.2598
PF14_0207	0.14819	0.88379	0.67473	0.88011	0.97426	1.05575	0.94894	0.99443	1.02904	0.97685	1.08755	0.86092	0.63126	0.12054	-0.09059	-0.41344	-0.65568	-0.57776	-0.8323	-1.01066	-0.81021	-0.50025	-0.3214	0.12726
PFL0800c	-0.32626	-0.56757	-0.55811	-0.51025	-0.40809	-0.4322	-0.41949	0.0427	-0.40721	-0.3657	-0.06088	-0.16668	-0.087	-0.39221	0.35244	0.52023	0.22909	0.35562	0.70396	-0.5491	-0.15064	-0.06208	-0.60538	-0.3827
PFL0315c	0.31971	-0.19551	-0.33528	-0.86993	-0.97291	-1.21181	-1.46055	-1.54177	-1.70639	-1.72737	-1.75218	-1.71349	-1.53433	-1.37731	-0.93752	-0.02651	0.80253	0.91325	0.42889	1.0742	1.14104	0.97141	0.82211	0.16328
PFB0445c	-0.68202	-0.2225	-0.01681	-0.02554	0.07769	0.09084	-0.00134	0.17904	0.17471	0.24574	0.39015	0.43583	0.426	0.34315	0.19813	-0.04595	-0.26769	-0.68216	-1.12959	-1.3564	-1.27829	-1.16572	-1.08641	-0.84202
PF11_0473	1.11051	0.64258	0.32972	0.32134	0.22902	0.47117	0.43845	0.51617	0.3512	0.24527	0.0581	-0.12345	-0.27084	-0.67136	-0.56372	-0.83238	-0.87681	-0.45769	1.21071	0.82385	0.99697	1.34674	1.39363	1.2942
PF14_0588	0.62022	0.74258	0.88025	1.07439	1.21923	1.22613	0.94842	0.86171	0.43243	0.22428	-0.05126	-0.32044	-0.35102	-0.4485	-0.59155	-0.6035	-0.31064	0.03716	-0.34992	0.62837	0.92526	1.3523	1.51367	1.55835
PF13_0264	-0.1494	-0.07626	-0.24287	0.09709	-0.10979	0.01735	-0.32885	0.00531	0.15551	0.12425	0.26157	0.4513	0.30361	0.41555	0.44743	0.60993	0.51587	0.40723	0.59455	0.22376	-0.12735	0.08127	-0.14274	
PFB0715w	0.0266	0.183	-0.12079	0.32688	0.34972	0.38309	0.40947	0.58445	0.54783	0.64638	0.681	0.66322	0.67497	0.40071	0.28477	0.07913	-0.24182	-0.47933	-0.36887	-0.70958	-0.65828	-0.357	-0.29908	-0.05508
PFO7_0073	-0.30536	-0.20577	0.05174	0.29309	0.44501	0.59172	0.47706	0.37334	0.28584	0.26733	0.46229	0.46578	0.53007	0.42835	0.37906	0.34894	0.23179	-0.08659	0.00073	-0.33691	-0.46523	-0.54899	-0.52108	-0.44853
PFL1840w	0.16309	-0.08903	-0.22146	-0.13905	-0.2194	-0.42119	-0.6229	-0.78311	-1.41396	-1.77783	-1.62713	-2.09913	-1.84251	-1.58099	-0.22477	0.60121	1.10333	0.63135	1.58439	1.09414	0.83838	0.36644	0.59548	0.39672
PF14_0368	-0.78223	-0.19617	0.04234	0.06886	0.09573	0.18612	0.06326	-0.07366	-0.30522	-0.02998	0.55169	0.64501	0.68562	0.50588	0.59668	0.18716	-0.26332	-0.76923	-0.87275	-1.41302	-1.27558	-0.86414	-0.89896	-0.78682
PFD0945c	0.85278	0.63547	-0.6951	1.17486	1.04658	0.86422	0.85864	0.55564	0.48269	0.26397	0.05277	0.2646	-0.03206	0.12821	0.13587	0.22275	0.13535	0.29183	0.13497	0.46859	0.19053	0.22771	0.40314	0.2935
PFB0932w	1.39136	1.47294	1.00021	1.46808	1.21484	1.39257	1.15412	1.31755	0.99562	0.61937	0.69931	0.45003	-0.36881	-0.72995	-0.90688	-1.39494	-1.5712	-1.75106	-1.6208	-0.76896	-0.11077	0.12714	0.6991	0.94689
MAL7P1.113	0.20868	0.56392	0.65072	0.95589	0.91509	1.05111	0.98816	1.0693	1.172	1.08883	0.8005	0.63784	0.40655	0.14634	-0.11891	-0.50489	-0.58164	-0.88697	-0.10656	-0.91207	-0.58121	-0.07712	0.06436	0.28457
mal mito 1	-0.29997	-0.22895	-0.83562	-0.77422	-0.84345	-0.7289	-1.16773	-0.36414	-0.69484	-0.63799	-0.15506	-0.13197	-0.06649	0.06058	0.21624	0.46594	-0.28923	0.84879	0.45034	0.06919	0.01098	0.28878	-0.05997	-0.19391
PF1365w	-0.25404	-0.23263	-0.47163	-0.50844	-0.63828	-0.70775	-0.69264	-0.77328	-0.89296	-0.60073	-0.29797	-0.20878	-0.00424	-0.06595	0.47392	0.60264	0.65211	0.44829	0.97286	0.55312	0.28924	0.0994	0.06468	-0.18298
PF14_0662	-0.60023	-0.62356	-1.57408	-0.20488	0.22447	0.65104	1.08585	1.65402	1.34668	1.14167	1.01989	0.53328	0.25497	-0.0176	-0.08839	-0.18526	-0.42623	-0.15634	-0.12698	-0.2829	-0.40127	-0.17123	-0.11919	0.0802
PFD0275w	-0.25598	-0.38982	-0.30038	0.13634	0.12931	0.2312	0.34	0.42372	0.48777	0.52695	0.633	0.46712	0.5601	0.42874	0.4268	0.23279	0.10145	-0.23869	-0.3575	-0.57089	-0.76247	-0.67771	-0.49461	-0.31819
PF08_0054	-0.6246	-0.37573	-0.16913	0.13954	-0.07893	-0.05439	-0.12371	0.7788	0.36344	0.40601	0.5775	0.53907	0.87641	0.82503	-0.08253	-0.38159	-0.57428	-0.76215	-0.75626	-0.62758	-1.11788	-1.00609	-0.51476	-0.30281
PFE0770w	0.47842	0.09487	0.02478	-0.25213	-0.33363	-0.58977	-0.66108	-0.63902	-1.11506	-1.28259	-1.28834	-1.46371	-1.6187	-1.73301	-1.37944	-0.86418	-0.28823	0.02921	0.53663	0.51152	0.6697	0.48841	0.55412	0.54834
PFE0320w	0.59689	0.36395	0.08524	0.17107	0.2992	0.20213	0.10888	-0.15606	0.02726	-0.11393	-0.39921	-0.35153	-0.31407	-0.12776	-0.38434	-0.36689	0.00051	0.19778	0.03941	0.69863	0.85859	0.58953	0.69688	0.66882
MAL13P1.320	-0.04766	-0.00518	0.41277	0.13009	0.18156	0.33344	0.15526	-0.1402	-0.05416	0.53948	0.57134	0.63578	0.58647	0.55141	0.69264	0.54971	0.3095	0.49563	0.41352	0.20864	0.2165	0.26865	0.31825	0.56509
PF08_0083	1.56246	1.35118	0.91381	1.4188	1.23347	1.00711	0.69741	0.67492	0.07304	-0.48323	-0.60282	-0.72032	-1.05195	-1.0198	-1.23284	-1.22603	-1.277	-1.11076	-0.09694	0.64634	1.06482	0.9566	1.47439	1.57025
PFA0355w	-0.49362	-0.58375	-0.6683	-0.43344	-0.53099	-0.41804	-0.28367	0.04049	0.66038	0.83803	0.96065	0.9458	1.0613	0.83046	0.6381	0.49165	0.16766	0.17542	-0.13211	-0.33152	-0.40981	-0.33872	-0.32713	-0.11338
MAL8P1.54	0.14275	0.20445	0.38457	0.37531	0.24739	0.09231	-0.20054	-0.52802	-0.66114	-0.66603	-0.74602	-0.78233	-0.53337	0.02935	0.30288	0.47596	0.53454	0.51274	0.06293	0.35793	0.30777	0.11479	-0.04887	-0.02807
PF1510w	0.48946	0.97099	0.76271	0.89627	0.91785	0.52334	0.49671	0.76453	0.4225	0.23781	-0.05204	-0.35857	-0.47786	-0.73149	-1.00038	-1.24928	-1.15451	-1.4433	-1.31322	-0.68678	-0.20528	-0.00849	0.20545	0.

PFB0450w	-0.72762	-0.3968	0.17249	-0.08653	0.11525	0.30792	0.39133	0.35466	0.19343	0.17982	0.13732	0.19238	0.09158	0.1719	0.47186	0.41355	0.16215	0.17975	-0.14415	-0.13319	-0.55801	-0.84281	-0.90283	-0.77801
MAL8P1.75a	-0.60381	-0.37493	-0.17012	-0.36161	-0.36601	-0.16913	0.39811	0.105179	1.43986	1.50485	1.31029	1.2735	1.0333	0.82836	0.4693	0.07302	-0.33671	-0.03601	-0.47758	-0.38412	-0.40203	-0.31522	-0.33579	-0.24396
PFL0950c	-0.21111	-0.00583	0.29286	0.55579	0.51576	0.57681	0.52448	0.69008	0.50655	0.42864	0.20051	-0.00772	0.11195	0.09019	0.06394	0.10291	0.2199	0.03005	0.49467	0.05976	-0.06743	0.11419	-0.00562	-0.01246
PF14 0551	0.44218	0.48353	0.05664	-0.01672	0.05735	-0.29697	-0.29681	-0.23671	-0.2469	-0.0902	0.14017	0.22796	0.06179	0.10201	0.08894	0.23266	0.04254	1.05309	0.84617	0.99723	0.72589	0.34652	0.28009	0.03602
PF14 0718	0.11088	-0.1381	0.53283	1.01335	1.24555	1.42166	1.37674	1.44218	0.82575	0.79567	0.63036	0.42588	0.27209	0.15196	0.15294	-0.08403	-0.33104	-0.10256	-0.24423	-0.3705	-0.91972	-0.78127	-0.79118	-0.62317
PF13 0326	0.09477	-0.18174	-0.32867	-0.53826	-1.03029	-1.33264	-1.51332	-1.61589	-1.98386	-1.7359	-1.82616	-1.75068	-1.65411	-1.88428	-1.56327	-0.83234	0.24429	0.30771	1.29608	1.05623	0.94096	0.98205	0.82529	0.73984
PF1280c	0.30968	0.2976	0.55124	0.62528	0.731	0.77587	0.66964	0.22482	0.17686	0.1025	-0.04663	-0.1661	-0.12679	0.18108	0.11461	0.07162	0.15031	0.06929	-0.43779	-0.23627	-0.12835	0.00969	0.04267	0.09918
PF14 0331	-0.41353	-0.53341	-0.68897	-0.91471	-1.27175	-1.19464	-1.20978	-1.16909	-0.36267	-0.04311	0.35571	0.54691	0.75304	0.5867	0.73413	0.67298	0.56313	0.39238	0.57009	0.07622	-0.07604	-0.1795	-0.39079	-0.68222
PF07 0012	-0.98199	-1.12017	-1.81896	-1.04664	-1.1497	-0.90504	-0.76736	-0.84398	-0.67078	-0.39798	-0.17915	0.18821	0.50906	0.76217	0.89665	0.81055	0.74264	0.49627	0.13328	0.19066	-0.13464	-0.32959	-0.50237	-0.89543
MAL13P1.73	-0.41204	-0.47873	0.0187	0.46372	0.54349	0.81002	0.90293	1.08892	1.13811	1.09438	1.09359	0.98901	0.67228	0.44235	0.06111	-0.27138	-0.37735	-0.35087	-0.66401	-0.84675	-0.8158	-0.70444	-0.4766	
PF11 0347	0.61989	1.70957	1.93688	2.19625	2.19426	1.81079	1.33299	0.75245	0.1463	-0.48762	-1.23376	-1.60401	-1.78306	-1.84406	-2.25611	-2.31989	-1.79179	-1.77614	-2.21587	-1.43531	-0.89183	-0.10787	0.1774	0.59356
MAL7P1.64	0.39027	0.38418	0.22688	0.01678	0.07336	-0.05035	-0.01187	-0.07059	-0.18485	-0.30944	-0.34451	-0.40885	-0.52198	-0.57522	-0.21355	-0.15959	-0.33587	-0.48914	0.04139	0.08235	-0.16164	0.14918	0.29557	0.33841
PFF1335c	-1.32551	-0.43677	0.0094	0.20974	0.27472	0.56	0.32237	0.33801	-0.19739	0.20743	0.68155	0.62438	0.6913	0.34674	0.38178	-0.03508	-0.61416	-1.08001	-1.22272	-2.14731	-2.14683	-1.72207	-1.66127	-1.30809
PF10_API0049t:RNA	-0.0551	0.70518	0.27924	-0.37615	-0.09832	0.49757	-0.25351	0.54717	0.32655	-0.10414	-0.05184	0.01523	-0.29649	-0.34117	-0.18977	0.00982	-0.44852	0.51248	0.73421	0.25378	0.6019	1.08189	0.47632	0.50984
MAL7P1.108	0.33579	0.48601	0.65225	0.64423	0.52358	0.37535	0.13112	-0.2992	-0.72045	-1.01752	-1.2133	-1.29963	-1.08722	-0.86858	-0.71613	-0.42917	0.23783	0.1219	0.26683	0.44438	0.53433	0.611	0.50813	0.27362
PF10 0140	-0.10757	-0.45734	-0.3612	-0.528	-0.4801	-0.69949	-0.91115	-1.03181	-0.84136	-0.29968	-0.07787	0.13469	0.38124	0.47389	0.521	0.34221	0.5289	-0.09388	0.27866	0.30308	0.30907	0.14837	0.11106	
PFL1645w	-0.11031	0.06468	0.27927	0.0655	0.09485	0.09297	0.19888	0.13689	0.38013	0.40371	0.13917	0.19344	0.34938	0.56995	0.29965	0.11529	0.23833	0.10133	-0.63884	-0.22217	-0.25031	-0.06504	-0.20207	-0.26273
PF14 0724	1.16127	1.29459	0.80295	1.32987	1.4313	1.30168	1.20988	1.41882	1.02899	0.67945	0.43724	0.33735	-0.00177	-0.02676	-0.05948	-0.25272	-0.52113	-0.49851	-0.00619	-0.06712	0.0761	0.35932	0.7388	1.00993
PF10 0040	0.39124	0.49415	0.39261	0.7416	0.61419	0.69536	0.80933	0.80029	0.65693	0.31348	0.38352	0.20179	0.37987	0.36551	0.30688	0.25419	0.2582	0.34986	0.21979	0.40846	0.69381	0.61344	0.70443	0.76047
PFL0415w	-1.45444	-1.38598	-1.64619	-1.30809	-1.34635	-1.01311	-0.70564	-0.15736	0.45932	0.69644	0.95758	1.00045	1.13213	0.69193	0.68865	0.37207	-0.03641	-0.11656	-0.05755	-0.53043	-0.85323	-0.81616	-0.87772	-0.8626
PF0445w	0.81383	0.19863	-0.14265	1.08134	1.36321	1.52575	1.31185	1.36633	1.2622	0.70978	0.70378	0.62995	0.48693	0.37379	0.08208	0.23867	-0.1144	-0.14744	0.89691	0.55892	0.22502	0.47618	0.7361	0.89339
PFL2465c	-0.3839	-0.5496	-0.55686	-0.62681	-0.71629	-0.85865	-0.83724	-0.7475	-0.63032	-0.46218	0.17043	0.21536	0.45582	0.08667	0.49403	0.62551	0.23226	0.45269	0.83302	0.13564	0.04485	-0.14812	-0.03955	-0.09849
PF14 0326	0.42125	0.41306	0.78166	0.44269	0.31283	0.54087	0.70882	0.38045	1.02863	0.91934	0.63493	0.59329	0.47598	0.30061	-0.31884	-0.85963	-0.74344	-0.97743	-1.2981	-0.62884	-0.35438	-0.01166	0.05513	0.26575
MAL8P1.206	-3.51153	-3.50828	-3.49047	-3.97461	-3.15574	-2.8567	-0.18897	1.10786	1.92766	2.28077	1.62962	1.4752	1.10154	0.26257	-0.72432	-1.805	-2.36619	-2.91849	-3.46918	-3.58108	-3.73497	-3.66058	-4.09678	-4.01491
PF11 0303	-0.58729	-0.56409	-0.62319	-0.4872	-0.42064	-0.43137	-0.45157	-0.3678	-0.39208	-0.27796	0.04608	0.1437	0.29499	0.2554	0.58969	0.50966	0.24343	0.21296	0.26098	-0.11394	-0.095	-0.45576	-0.52046	-0.47405
PFL1345c	0.82389	0.93212	0.87076	1.17994	1.21629	1.14596	1.19089	1.28397	1.22545	1.20484	0.96214	0.77059	0.27238	-0.03375	-0.51093	-0.84603	-1.17018	-1.32982	-0.7621	-0.65281	-0.07077	0.19038	0.44658	0.74681
PF11 0077	-0.48843	-0.8461	-0.61174	-1.40707	-1.036	-1.7622	-1.99187	-1.69965	-1.96446	-1.62903	-1.52173	-2.31869	-2.2078	-1.05459	-0.67611	-0.31309	0.40756	-0.13001	-0.03913	-0.21654	0.1379	0.1829	-0.53192	-0.4621
MAL8P1.122	0.52066	-0.14685	-0.30087	-0.65175	-1.08568	-1.16489	-1.37294	-1.63479	-1.93817	-2.19709	-1.9575	-1.76791	-1.70882	-1.49078	-0.92748	-0.85272	-0.50231	-0.18728	0.58423	0.83351	0.92663	0.86547	1.03214	1.00152
PF10 0259	-0.09363	-0.00671	-0.23386	0.16189	0.27072	0.29567	0.45378	0.7347	0.65596	0.90358	0.9409	0.86874	0.70384	0.39931	0.25904	0.20113	-0.02273	-0.1104	0.13014	0.02653	-0.07382	-0.15863	-0.1184	-0.042
PFL1895w	-0.52059	-1.27954	-2.44448	-0.60556	-0.6859	-1.15735	-0.82684	-0.5323	-0.30688	0.05142	0.48364	0.61926	0.76313	0.50314	0.6998	0.62244	0.37407	0.1204	0.48843	-0.027	-0.01693	-0.44406	-0.0962	-0.20286
PFA0155c	-0.29788	-0.33245	-0.51753	-0.63357	-0.67121	-0.72782	-0.82114	-0.98883	-0.86336	-0.70055	-0.61266	-0.50936	-0.36205	-0.09347	0.15506	0.45753	0.85149	0.66847	0.41353	0.67423	0.53648	0.50134	0.19349	-0.14234
PF13 0076	0.52926	0.83028	1.03719	1.18012	1.37279	1.3495	1.11485	0.95515	0.80187	0.51822	0.32757	0.0807	-0.41144	-1.09756	-1.4764	-2.03134	-2.39777	-2.47978	-2.20465	-1.94642	-1.16919	-0.35756	-0.10315	0.22109
PFA0590w	-1.93896	-2.28781	-1.98724	-2.15888	-2.09632	-1.50558	-0.52567	0.24334	0.83545	1.14736	1.14009	1.26951	1.19307	1.05666	0.50693	0.19469	-0.0365	-0.37379	-0.91919	-1.2284	-1.84635	-2.04794	-2.42319	-2.57041
MAL7P1.175	-0.6849	-1.11169	-0.94682	-1.25555	-1.05961	-0.29217	0.71589	1.25825	1.26852	1.28687	1.29891	1.15861	0.93834	0.66475	0.36497	-0.13681	-0.28384	-0.29199	-0.61746	-0.9249	-1.15846	-1.22491	-1.27702	-1.0781
PFL0520c	1.28332	1.40733	1.75169	1.21328	1.14331	1.01547	0.7878	0.80596	0.58544	0.45038	0.32609	0.11028	0.15186	0.10098	0.07805	-0.06067	-0.32745	-0.29038	-0.14967	0.15856	0.54568	0.48099	0.75572	1.13546
PFI1680w	-0.49999	-0.60383	-0.24972	-0.36596	-0.25393	-0.09941	0.08288	0.00605	0.0886	0.08654	0.15423	0.11962	0.17577	0.2004	-0.00789	0.2393	0.25453	0.15591	0.23728	0.15216	0.11544	0.03337	0.10192	0.12559
PF11 0251	-0.31103	-0.16487	0.26073	0.16825	0.08142	0.02707	-0.0735	-0.41632	-0.56262	-0.73645	-0.56112	-0.54688	-0.22702	0.01445	0.52557	0.51046	0.63978	0.33446	0.40243	0.14996	-0.1413	-0.05332	-0.04438	-0.15527
PF10 0106	-0.14645	0.02599	0.45656	0.21532	0.33666	0.46015	0.40366	0.50999	0.70768	0.64483	0.64985	0.40283	0.33663	0.04423	0.09928	-0.19909	-0.27678	-0.37958	-0.42763	-0.57472	-0.2838	-0.39321	-0.07746	0.21293
PF14 0271	0.81926	1.22269	0.88132	0.91626	1.0425	1.17723	0.97606	0.81274	0.5601	0.45126	0.34419	0.27416	0.18953	0.3013	0.06704	0.06357	0.10702	0.30325	0.02577	0.3004	0.51504	0.67236	0.7072	0.80706
PFE1310c	0.52969	0.84466	0.81665	1.09032	1.10117	0.93638	0.80423	1.00311	0.81785	0.678	0.58177	0.42965	-0.10611	-0.48392	-0.25705	-0.50434	-0.45985	-0.6673	-0.51625	-0.52117	-0.49549	-0.22486	0.09185	0.41187
PFF1395c	-0.91127	-1.2302	-0.84676	-1.36506	-1.27219	-1.02733	-0.22111	0.05548	0.75164	0.91039	0.90131	1.02176	0.93753	0.83284	0.51197	0.32956	0.16075	0.01706	-0.33032	-0.43358	-0.75559	-0.7		

PFD0462w	-0.20205	-0.07218	0.30655	0.10537	0.35943	0.48455	0.60961	0.88819	1.07983	1.1713	1.12336	1.05882	0.68246	0.20325	-0.23966	-0.4269	-0.75723	-0.81769	-0.60078	-0.6526	-0.4851	-0.31851	-0.14263	0.02129
PFL2340w	0.41555	0.55242	0.14422	0.58668	0.90407	0.65226	0.55313	0.7357	0.6428	0.51628	0.54449	0.27425	0.29241	0.10222	0.10043	0.05304	-0.12472	0.12411	0.06237	0.06489	-0.01146	0.01948	-0.01528	0.22614
PF13 0273	0.16342	0.38251	0.64651	0.61379	0.68587	0.84964	0.77168	0.59559	0.72507	0.68094	0.63447	0.62819	0.62933	0.61177	0.34341	-0.05016	-0.15706	-0.30224	-0.76274	-0.79024	-0.72354	-0.48233	-0.40367	-0.14745
PFC0615w	-0.27431	-0.56253	-0.1587	-1.15048	-1.33205	-1.48143	-1.67929	-1.83862	-1.45215	-2.50705	-1.79018	-1.83719	-1.25292	-0.56625	0.30846	0.82105	1.09454	0.97218	0.844	1.06422	0.93278	0.42787	-0.00743	-0.78623
PFL0465c	0.22358	-0.19652	-0.66768	-0.65595	-0.90217	-0.9819	-0.90899	-0.70091	-0.72081	-0.68597	-0.75115	-0.72617	-0.58166	-0.24923	-0.22637	0.19845	0.36815	0.54378	0.58178	0.73677	0.87409	0.58528	0.50671	0.18284
PF11 0197	-0.77578	-0.77589	-1.09164	-0.85043	-0.70425	-0.58063	-0.49176	-0.26233	-0.15927	0.03636	0.24922	0.30296	0.62496	0.44337	0.63251	0.44024	0.41755	0.05976	0.25456	-0.08315	-0.40493	-0.47044	-0.59423	-0.78893
PF1385c	-0.23739	0.14988	0.47362	0.50582	0.59594	0.6035	0.54835	0.88447	0.52747	0.50399	0.61546	0.68956	0.64235	0.46705	0.20603	-0.00545	-0.10186	-0.29762	-0.47329	-0.68595	-0.71904	-0.67967	-0.95511	-0.28312
MAL13P1.255	-0.94982	-0.89445	-0.53253	-0.91313	-1.03644	-0.74498	-0.17539	0.49049	0.79027	0.84648	0.86845	0.99461	0.83946	0.7846	0.54732	0.39935	0.16972	0.08276	-0.12576	-0.46141	-0.7296	-0.70909	-0.80226	-0.8441
PFD0445c	-0.38707	-1.00457	-0.85891	-0.82694	-0.77828	-0.8986	-0.90722	-1.01478	-1.04395	-0.87171	-0.70337	-0.21354	0.10023	0.58078	0.63647	0.69186	0.98378	0.73433	0.1297	0.64142	0.12001	-0.102	-0.30516	-0.16328
PF07 0029	-0.72733	-0.59297	-0.526	-0.39619	-0.45933	-0.58391	-0.52295	-0.38302	0.65305	1.05108	0.85152	1.10543	0.76565	1.04644	0.23258	-0.43226	-0.67023	-0.97534	-1.60567	-1.67216	-1.32694	-1.1796	-0.94688	-0.42548
PFL1280w	-0.25309	-0.38501	-1.75211	-0.8306	-0.9654	-1.21771	-1.26358	-0.82193	-0.72241	-0.60661	-0.22401	-0.21793	0.20557	0.07561	0.48692	0.55032	0.30767	0.30466	0.86789	0.45676	0.05458	-0.08576	-0.00075	-0.18783
PF11 0238	0.07782	-0.40195	-0.74337	-1.14008	-1.09678	-1.33882	-1.34798	-1.35366	-1.58196	-1.49824	-1.49015	-1.17328	-0.67182	-0.08064	0.49593	0.85667	1.08398	0.85101	1.16338	1.04752	0.80877	-0.11853	-0.34213	-0.59797
PFA0675w	0.96814	1.34454	0.91452	1.39388	1.5141	1.43061	1.36734	1.27766	1.18803	0.76073	0.3414	0.07977	-0.00869	0.11327	-0.2394	-0.28686	-0.06976	0.15704	-0.39888	0.55204	0.79685	1.18623	1.23777	1.35637
PF13 0159	-0.49759	-0.01791	-0.33492	-0.18987	0.1	-0.03377	0.15222	0.40537	0.42899	0.39361	0.42101	0.33525	-0.14548	-0.23528	-0.3978	-0.61264	-0.50508	-0.66697	1.0764	0.56104	0.94636	0.41744	0.85346	1.39398
PF14 0062	-0.3537	-0.37821	-0.33251	-0.35546	-0.55902	-0.63208	-0.57495	-0.23886	0.72341	0.89372	0.9908	1.14642	1.04294	0.721	0.48544	0.24761	0.10951	0.16465	-0.0989	-0.123	0.0194	-0.10118	-0.17133	-0.21956
PF11 0069	-1.0271	-1.01391	-0.75836	-0.8008	-0.8267	-0.57156	-0.24894	0.13513	0.35346	0.38215	0.44146	0.52263	0.38719	0.02034	-0.00595	-0.03937	-0.36877	-0.4	0.05992	-0.39241	-0.58045	-0.58463	-0.38691	-0.47812
MAL7 ITS1	-1.00077	-1.06032	-0.77561	-0.10012	0.57884	0.78665	0.74198	1.6785	1.72835	0.63968	1.31999	1.99365	0.01315	0.02517	-0.30221	-0.00543	-1.42634	-0.42909	0.83154	0.14341	-0.34454	-0.28967	-0.04909	0.18376
PFE1400c	0.29538	0.11122	0.01983	0.49693	0.25665	0.34826	-0.01503	0.03943	0.23484	0.07589	0.22442	0.3013	0.26437	0.08715	0.00922	-0.02226	-0.09405	-0.2935	0.22595	-0.04203	-0.04786	0.12277	0.09998	0.22747
PFD0550c	0.63087	0.23285	-0.21589	-0.19397	-0.09491	-0.27963	0.00501	0.12876	0.24753	0.18654	0.35732	0.21159	-0.0714	-0.08833	-0.06603	-0.16399	-0.13676	0.03985	1.10963	0.94695	1.24808	0.68513	0.87122	1.14648
PF13 0130	-0.73234	-0.14222	0.20808	0.19899	0.42242	0.68603	0.6483	0.41561	0.38269	0.1579	0.34556	0.27443	0.1417	-0.05453	0.3117	0.25455	-0.1454	-0.3608	0.08622	-0.47866	-0.72759	-0.6885	-0.67505	-0.6119
PF10 0348	0.57511	0.01431	-0.35699	-1.12878	-1.41528	-1.8544	-2.23244	-2.52463	-3.18409	-3.57438	-3.83857	-4.1548	-3.80209	-3.01988	-1.92597	-0.90309	-0.48456	0.7475	1.43305	1.35074	1.22523	1.22183	1.12571	0.50421
PF1690c	1.48217	1.57067	1.71809	1.68609	1.55706	1.22448	1.07567	1.17222	0.64506	0.14645	0.08443	0.18046	0.08403	0.15669	0.13003	0.05697	0.10238	0.20055	0.20375	0.5721	0.59194	0.41132	0.59086	0.62235
PFF1165c	-0.28673	-0.11775	-0.44967	-0.11668	-0.18647	0.02825	0.23509	0.432	0.52942	0.47619	0.44362	0.2912	0.58723	0.4992	0.5463	0.4537	0.30588	0.46995	0.48206	0.27802	0.07775	-0.19785	0.00639	-0.04291
PF13 0360	0.32335	0.51858	0.76525	0.79547	0.7491	0.71111	0.62055	0.52166	0.43642	0.71839	0.70664	0.84382	0.63323	0.68846	0.44946	0.19108	0.1926	-0.1019	-0.4828	-0.03072	0.00934	-0.0771	0.35444	0.55806
PFL1595w	-0.42642	-0.54147	-1.35735	-0.30183	-0.18906	-0.02179	0.06336	0.10683	-1.25878	-0.31156	-0.1132	-0.39819	-0.02792	-0.07402	-0.09263	0.23069	0.44628	-0.15498	0.1789	-0.13367	-0.54284	-0.40808	-0.62014	-0.45887
PFE0175c	1.44067	0.51423	-0.01649	-0.14981	-0.217	-0.78627	-1.12209	-1.60802	-2.36664	-2.37086	-2.15617	-2.13291	-2.32292	-2.35853	-2.45246	-1.95414	-1.23947	-0.30821	1.60924	1.32236	1.54247	1.47304	1.60461	1.79966
PFD0690c	-1.02205	-1.14852	-1.05657	-1.09312	-1.04053	-0.59681	0.0805	0.57866	1.00105	1.10184	1.06834	1.19173	0.92189	0.71518	0.31777	0.03457	-0.13412	-0.29826	-0.52534	-0.75958	-0.82998	-0.7259	-0.74158	-0.73943
PFB0888w	-1.13551	-1.19708	-0.62789	-0.99054	-1.07191	-0.51635	-0.3648	-0.16733	-0.76847	-0.57757	-0.22756	-0.24034	-0.05892	-0.05882	0.65969	0.71254	0.62323	0.12843	0.69516	-0.24005	-0.48651	-0.70688	-0.67301	-0.73089
PFL0510c	0.2236	0.34102	0.831	0.86441	0.81857	1.08849	0.88742	0.49543	0.49125	0.45467	0.43439	0.30818	0.33658	0.13469	0.04721	-0.13731	-0.14962	0.08001	0.3411	0.53093	0.7628	0.77198	1.3018	1.18849
PFF1180w	-0.28279	-0.52813	-0.7099	-1.1488	-0.97634	-0.9944	-1.01705	-0.84738	-0.82714	-1.02624	-0.56329	-0.4332	-0.00378	-0.02472	0.5484	0.7761	0.68214	0.66022	0.93049	0.43572	0.31438	-0.10257	-0.00777	-0.39214
PFE0250w	-0.34382	-0.31208	0.05377	-0.01606	-0.13169	0.01228	0.06396	-0.24755	0.10682	0.08489	0.07192	0.18017	0.26417	0.48466	0.53029	0.54021	0.54573	0.28377	0.05921	0.02616	0.02051	-0.13584	-0.36123	-0.56199
PF14 0264	1.63568	1.54851	1.4962	1.02424	1.11402	1.22664	0.81438	0.26952	-0.07601	0.0755	-0.13795	-0.14498	0.00678	0.18361	0.17494	0.13705	0.20374	-0.00991	0.02108	0.01595	0.44089	0.62685	0.73384	0.70385
PF11 0245	-0.2528	0.19503	0.2752	0.31319	0.19609	0.50204	0.41998	0.58654	0.50254	0.55199	0.78484	0.77822	0.65156	0.43601	0.37226	0.02203	-0.54135	-0.60812	-1.04377	-1.18314	-1.03258	-0.82487	-0.62983	-0.45907
PF07 0085	-0.47761	-0.25927	0.07603	0.07916	0.15325	0.5254	0.59482	0.58453	0.9704	1.0391	1.12086	1.11302	1.07383	0.85478	0.5208	0.20244	-0.1198	-0.39478	-0.42734	-0.97336	-1.05333	-0.613	-0.898	-0.68056
PF07 0124	0.61213	0.34487	0.17761	0.21485	0.12036	-0.2038	-0.00918	-0.42061	-0.57888	-0.46333	-0.46052	-0.51289	-0.58195	-0.56124	-0.59061	-0.15256	0.7019	0.04378	1.38769	0.99461	0.95875	0.70123	0.86158	0.74583
PFE0595w	-1.1398	-0.65157	-0.18033	-0.15215	-0.04452	0.22526	0.42907	0.56645	0.45967	0.40375	0.46681	0.47372	0.45773	0.21867	0.39054	0.12991	-0.27786	-0.21914	-0.66131	-0.86737	-0.83062	-0.89219	-0.95521	-0.65038
PFC0600w	0.58706	1.08033	1.1042	1.29871	1.31148	1.08807	1.0658	1.29808	1.17118	1.00842	0.68239	0.50124	0.33781	0.06896	-0.06652	-0.3013	-0.35768	-0.44201	-0.70114	-0.56643	-0.53941	-0.31686	-0.13141	0.30498
PF14 0395	0.22923	-0.44036	-1.12731	-0.45207	-0.51796	0.19085	0.4316	0.28148	0.30838	-0.01771	-0.1261	-0.07833	-0.11554	-0.11375	0.10775	0.36229	0.54899	0.49837	1.08237	0.65849	0.57888	0.36719	0.47198	-0.08915
PF11 0315	-0.57445	-0.67789	-1.9076	-0.78831	-1.00585	-0.99762	-1.07237	-0.85675	-0.20814	-0.08839	0.05005	0.25068	0.20118	0.39991	0.69608	0.59793	0.56913	0.66095	0.48064	0.44162	0.24365	-0.03131	-0.25194	-0.44956
PFL1255c	-0.21092	-0.20569	0.14742	0.00311	-0.28919	0.02393	0.47361	0.53547	0.76257	0.91301	0.91986	0.84367	0.77939	0.5993	0.52194	0.2834	0.00449	-0.1255	-0.23679	-0.27246	-0.19466	-0.05944	-0.14169	-0.10863
PF07 0121	0.54552	0.74542	0.64232	0.75462	0.67595	0.59447	0.66815	1.13027	0.92091	1.1674	1.03555	0.84717	0.43359	0.1415	-0.31522	-0.73303	-1.122	-1.2091	-1.40016	-1.13919	-0.63382	-0.25278		

PF14 0174	0.32812	0.65752	0.58474	0.79563	0.70292	0.67701	0.57168	0.7649	0.72587	0.79482	0.78918	0.64834	0.40401	0.04613	-0.15513	-0.50285	-0.65681	-0.87593	-0.81075	-0.90558	-0.70529	-0.31394	-0.11712	0.17371
PFE1560c	-0.72215	-0.90311	-1.02976	-0.88596	-0.73805	-0.73757	-0.67127	-0.14199	0.34853	0.7127	0.80431	0.82839	0.73471	0.57593	0.45048	0.33257	0.42447	-0.01158	0.25964	-0.00625	-0.28882	-0.24267	-0.18246	-0.10898
PF11325w	-0.67131	-0.46081	-0.19961	-0.62909	-0.39875	-0.39755	-0.74258	-0.49994	-0.70654	-0.59191	-0.46113	-0.48278	-0.14265	-0.13863	0.58057	0.68357	0.7288	0.50936	0.60472	0.37777	0.14385	-0.27471	-0.42552	-0.40686
PF13 0150	0.34198	0.56583	0.62908	0.79029	0.7349	0.82263	0.86011	0.81018	1.00976	0.94825	0.82731	0.71297	0.55079	0.33998	-0.08252	-0.39255	-0.58428	-0.59389	-0.7671	-0.56179	-0.41979	-0.17252	-0.02641	0.11301
PF08 0099	0.20985	0.93414	0.61952	0.68215	0.32756	0.69115	0.82796	1.25882	1.25139	0.81035	0.96742	1.01504	0.49259	0.44248	0.78471	0.66327	-0.27556	0.11819	0.50473	-0.24823	-0.41465	-0.42836	-0.55484	-0.78126
PF14 0308	-0.35715	0.04711	0.41129	0.29266	0.29559	0.40426	0.37867	0.1955	0.29412	0.49223	0.66402	0.82129	0.82222	0.72407	0.58032	0.27431	0.05898	-0.07866	-0.08631	-0.46981	-0.6073	-0.3606	-0.49441	-0.33704
PF11 0113	0.0216	-0.30115	-0.60625	-0.58623	-0.6244	-0.72508	-0.3767	-0.53522	-0.83321	-0.5394	0.02178	0.17718	0.34965	0.36533	0.65385	0.89228	0.42573	0.82864	0.98251	0.54062	0.48782	0.2744	0.18081	-0.06063
PF13 0106	0.95985	0.85528	0.83391	0.83135	0.82619	0.5329	0.2833	-0.00772	-0.56756	-0.74352	-0.83261	-0.94177	-0.958	-0.82485	-0.76167	-0.68397	-0.62681	-0.45175	-0.10555	0.46341	0.69565	0.81837	0.95225	0.97425
PFL1100w	-0.34238	-0.62495	-1.31889	-0.58844	-0.51769	-0.39589	-0.26743	0.03702	0.10052	0.47381	0.49543	0.71047	0.66427	0.48619	0.26896	0.15371	-0.04334	-0.14968	-0.25758	-0.40448	-0.51329	-0.31952	-0.20399	-0.17335
MAL8P1.60	-0.05872	-0.01571	-0.13012	-0.03068	-0.22462	-0.28646	-0.27012	-0.27092	-0.27552	0.0942	0.23134	0.34527	0.39185	0.38426	0.30545	0.29608	0.31267	0.42215	0.22099	0.468	0.39546	0.26532	0.26373	0.08459
PF07 0118	-0.61442	-0.75813	-0.61624	-0.94691	-0.76166	-0.89781	-0.79194	-0.83699	-0.35798	0.06349	0.05785	0.28869	0.52488	0.85353	0.63031	0.51272	0.50225	0.48107	-0.32183	0.20704	-0.12387	-0.26398	-0.43153	-0.5464
PFF0655c	-0.22843	-0.65278	-0.34905	-0.1333	0.23037	0.35128	0.54022	0.70345	0.71261	0.6381	0.50964	0.44624	0.40833	0.4432	0.18584	0.18821	-0.14894	0.19603	0.08725	0.24536	-0.19597	-0.18736	0.21703	0.16718
PFF0105w	-0.33424	0.16266	0.39037	0.59104	0.61222	0.9481	0.966	1.26228	1.37191	1.35766	1.53444	1.31773	1.14326	0.46305	0.35424	-0.09964	-0.5528	-0.68657	-0.50535	-0.9539	-0.10754	-0.56951	-0.36097	-0.28308
PFL0325w	0.47069	0.7523	0.62779	0.73572	0.96979	0.83339	0.57773	0.62087	0.23374	0.08839	-0.02991	-0.24299	-0.18934	-0.19852	-0.22622	-0.43578	-0.04678	-0.00251	-0.24926	0.332	0.59386	0.38744	0.65999	0.80523
PF14 0142	-0.72935	-1.1978	-1.63425	-2.00541	-2.2378	-2.21926	-2.17295	-1.78711	-1.51002	-1.19014	-0.7739	-0.53952	-0.37498	-0.18742	0.3484	0.71044	0.53326	1.01511	0.75081	0.5675	0.15601	-0.33086	-0.43405	-0.80043
PFI0130c	-0.24222	-0.38623	-0.13441	-0.07071	0.09061	0.83425	0.906	1.24577	1.27699	0.91226	0.82597	0.8404	0.65985	0.40417	0.52217	0.60841	0.41842	0.51623	0.51258	0.13041	-0.00585	-0.08964	-0.29696	-0.3856
MAL8P1.10	0.14832	0.50363	0.75792	0.63107	0.61243	0.75068	0.6603	0.61742	0.70356	0.63647	0.60021	0.4952	0.34039	0.05409	0.02111	-0.03979	-0.18552	-0.30894	-0.27599	-0.64482	-0.58542	-0.356	-0.2694	0.10522
PF08 0026	0.57236	1.01218	0.92872	1.13435	0.95391	0.70896	0.69786	0.68208	0.6901	0.58529	0.49118	0.40235	0.15018	-0.20405	-0.50206	-0.95342	-1.01893	-1.01117	-1.41205	-0.70496	-0.32861	0.04519	0.26516	0.43735
PFF0820w	0.16103	0.47813	0.54813	0.32073	0.48456	0.57462	0.58326	0.52014	0.61738	0.57402	0.52176	0.49575	0.59722	0.63335	0.49708	0.20508	0.28108	-0.03659	-0.75107	-0.56462	-0.57331	-0.29967	-0.35291	-0.08755
PFE0870w	-1.21063	-1.00485	-0.7868	-0.66065	-0.58913	-0.39937	-0.34	-0.28415	0.08509	0.3539	0.49582	0.79176	0.81523	0.87517	0.56913	0.33817	0.30303	-0.24647	-0.42769	-0.48713	-0.64876	-0.89367	-0.91907	-0.90131
PFD0540c	-0.31067	0.24178	0.51248	0.57134	0.82486	0.82962	0.70488	0.71445	0.45815	0.72997	0.75962	0.62665	0.77211	0.55233	0.4355	0.31007	0.02063	-0.23424	-0.353	-0.42994	-0.42458	-0.05457	-0.01051	0.04924
MAL13P1.26	-0.0643	0.37561	0.55814	0.64104	0.60936	0.52491	0.54541	0.31168	0.67335	0.78884	0.75264	0.70963	0.81948	0.69127	0.27825	-0.17083	-0.11891	-0.58788	-1.20467	-1.06496	-0.93457	-0.57544	-0.56407	-0.37824
PF14 0507	0.22059	0.16375	0.54015	0.5336	0.81832	0.84626	0.78951	0.42401	0.18037	0.24915	0.10605	0.13439	0.29707	0.52146	0.37714	0.31442	0.39156	0.11627	-0.23017	0.08914	-0.25259	-0.0939	-0.13855	-0.09823
PFL1565c	0.12546	-0.34993	-0.65303	-0.91135	-1.31337	-1.70534	-2.05842	-2.49025	-2.73101	-3.14356	-3.17858	-3.40229	-3.04449	-2.35021	-1.13761	-0.49378	0.21466	0.31903	1.10417	1.05701	1.04095	0.69526	0.72792	0.75161
PFB0625w	-0.43283	-0.71108	-0.08937	-0.33777	-0.22469	-0.19402	-0.18973	-0.19529	-0.87207	-0.08313	0.40551	0.01097	-0.0228	-0.19896	-0.23886	-0.42217	-1.96808	-0.67487	-0.62817	-0.46621	-0.48808	-0.539	-0.40923	-0.23679
PF10 0380	-0.52726	-0.39091	0.15898	0.24704	0.43356	0.99815	1.3645	1.69791	1.8139	1.67841	1.24884	0.90996	0.24057	-0.45898	-1.06957	-1.65215	-2.0758	-1.76238	-1.30576	-1.35653	-1.17116	-0.91577	-0.73981	-0.39514
PFD0170c	-0.85023	-1.18159	-1.20901	-1.31427	-1.39743	-1.4672	-1.4428	-1.53278	-0.85658	-0.50837	-0.13651	0.38825	0.54871	0.77027	0.7596	0.83071	0.62223	0.47639	0.36317	0.13621	-0.21261	-0.41971	-0.58011	-0.84412
PF13 0065	-0.73619	-0.69706	-0.1605	-0.37561	-0.3127	-0.11153	-0.19125	-0.0214	0.12182	0.0782	0.27153	0.29345	0.35784	0.24822	0.49013	0.51741	0.17912	0.27157	0.10963	-0.4708	-0.81336	-0.76539	-0.7043	-0.91089
PF11 0264	-0.42146	-0.04623	-0.22023	0.5261	0.67705	1.01033	1.00308	1.17548	1.34802	1.31345	1.16054	1.00833	0.75254	0.38868	0.0487	-0.14972	-0.127	-0.5628	-0.58137	-0.61582	-0.69774	-0.59887	-0.44212	-0.33008
MAL7P1.162	0.46217	0.26927	0.19749	0.31448	0.07603	0.25396	0.19856	0.11678	0.07026	0.09957	-0.0144	-0.01907	-0.09591	0.008	-0.0263	0.16648	0.16366	0.38532	0.22698	0.38607	0.54331	0.56033	0.44046	0.3268
PF14 0195	0.7042	0.65886	0.50687	0.39219	0.43243	0.57051	0.74167	0.51707	0.54711	0.46187	0.54416	0.43939	0.40964	0.24391	0.09408	-0.0365	-0.1224	0.24515	0.15583	0.39554	0.54677	0.77289	0.71281	0.70855
MAL7P1.163	-0.53796	-0.26685	-0.3054	-0.50369	-0.31109	-0.03794	0.39865	0.74261	0.86806	0.70197	0.70091	0.62573	0.61619	0.44879	0.24351	0.07741	0.0289	-0.14697	0.10345	0.17533	0.17244	0.19026	0.22362	0.34767
PFL0135w	0.75207	0.71427	0.81921	0.96977	0.974	0.98348	0.93883	1.03521	1.07576	0.88009	0.70191	0.46484	0.18528	-0.09605	-0.28665	-0.42065	-0.60126	-0.1736	-0.30372	-0.00629	0.12492	0.26836	0.46944	0.67518
PFE0590w	-0.76218	-0.57324	-0.51669	-0.30122	0.23687	-0.44173	-0.01184	1.00921	1.21521	1.33455	1.33401	1.33454	1.14376	0.80703	0.51122	0.31483	-0.11187	-0.02583	-0.27994	-0.43552	-0.31682	-0.56136	-0.6828	-0.63214
PFD0225w	-1.26361	-1.00603	0.10895	0.74102	1.3049	1.74913	1.78329	1.0944	1.13563	0.96699	0.57884	0.44441	0.45674	0.44181	-0.17999	-0.44748	-0.52393	-0.752	-1.3912	-1.20205	-1.20356	-0.99551	-0.99232	-0.9622
PF14 0290	0.22232	0.62009	0.80524	0.83161	0.88438	0.97235	0.5517	0.58323	0.27004	-0.06828	0.0356	-0.55471	-0.46346	-0.6564	-0.83292	-0.76984	-0.34742	-0.53213	0.2766	0.41998	0.79618	0.60453	1.09075	1.32714
PF13 0056	0.77382	0.49195	0.60614	0.31321	0.39206	0.48627	0.43658	0.37157	0.48465	0.41044	0.33668	0.23529	-0.0983	-0.34705	-0.66868	-0.97969	-0.77008	-0.84757	-0.38124	-0.04638	0.1896	0.4191	0.6014	0.76356
PFE1505w	1.49041	0.92054	0.78326	0.53829	0.24518	0.07144	-0.10021	-0.06129	-0.38828	-0.61291	-0.74366	-0.84494	-0.81407	-1.00041	-0.71707	-0.70307	-0.70036	-0.19449	1.01008	0.96618	1.08362	1.29571	1.44193	1.29503
PF11 0407	0.4673	0.02953	-0.09952	-0.03642	-0.07988	-0.40221	-0.34246	-0.38532	-0.28357	-0.18499	0.14765	0.43581	0.31425	0.17498	0.2346	-0.44072	-0.16127	0.25821	0.21945	0.40142	0.10725	0.22238	0.50579	0.50579
PF07 0024	0.28636	0.22348	0.36204	0.23981	0.23791	0.14323	0.05567	-0.3642	-0.46757	-0.67479	-0.87352	-0.8074	-0.57327	-0.12213	-0.09927	0.09049	0.40364	0.23235	-0.14779	0.26139	0.26151	0.28065	0.2887	0.13434
PF14 0613	-0.77777	-1.06219	-0.65179	-1.10676	-1.20699	-0.98165	-0.6444	-0.62028	-0.02324	0.19569	-0.00298	0.12523	0.31869	0.64192	0.53735	0.48781	0.57142	0.42591	-0.21314	0.0616				

PFE1125w	-0.69885	-0.84615	-1.15498	-0.97148	-1.20075	-1.19186	-1.34273	-1.14013	-0.83121	-0.6413	-0.24633	0.01959	0.3606	0.34898	0.73036	0.86115	0.4144	0.53836	1.01505	0.60958	0.24389	-0.10298	-0.1109	-0.59188
PF00770c	-0.63059	0.24844	0.64769	0.43131	0.5491	0.63697	0.52897	0.61877	0.509	0.72721	1.41905	0.64986	0.56796	0.34582	0.23797	-0.01945	-0.92373	-0.89737	-1.48014	-1.91373	-1.77629	-1.5094	-1.34685	-0.92177
MAL7P1.88	-0.70755	-0.30927	-0.07398	0.10629	0.40855	0.42472	0.61279	0.75312	1.06251	1.14944	1.12959	1.01002	0.884	0.36158	0.15351	-0.1546	-0.3398	-0.55577	-0.68357	-0.68864	-0.65798	-0.52696	-0.47794	-0.29313
MAL13P1.279	-0.96534	-1.077	-1.05507	-1.03673	-1.31537	-1.1338	-1.24021	-1.1554	-0.97717	-0.07741	0.51076	0.9473	1.1217	0.7917	0.87551	0.83499	0.44275	0.24986	0.49143	-0.04443	-0.57828	-0.70136	-0.75813	-0.89951
PF14_0427	-0.24777	-0.23552	-0.40267	-0.39387	-0.35983	-0.3282	-0.37364	-0.51238	-0.81625	-0.89708	-0.74915	-0.57062	-0.22357	0.10974	0.58775	0.81043	0.66293	0.7263	0.69645	0.56531	0.43954	-0.09758	-0.14849	-0.33914
PFC0_0098	-0.03716	-0.24376	-0.21442	-0.17703	-0.44048	-0.14428	0.16199	0.62423	0.92151	0.82969	0.80602	0.81938	0.6477	0.71394	0.44144	0.276	0.09545	0.044	-0.11349	-0.26097	-0.2003	-0.24015	-0.15668	-0.12224
PF21060c	0.34292	0.45358	0.18957	0.34088	0.3141	0.13116	0.22368	0.41644	0.29611	0.13376	0.0052	0.01729	-0.04049	0.0521	0.10503	0.02696	-0.1893	0.23329	0.15233	0.21893	0.35541	0.17872	0.19146	0.45405
PFE0735w	0.05782	0.23928	0.16258	0.3948	0.24662	0.28098	0.09828	0.11261	0.10128	0.15808	0.28872	0.39855	0.39721	0.3932	0.42334	0.48297	0.35088	0.25192	-0.16756	-0.1134	-0.10799	-0.11938	-0.22122	-0.11335
PF11_0095	0.31078	0.17462	0.25463	0.01891	0.1319	0.23712	0.12989	0.20123	0.27274	0.3664	0.33036	0.51361	0.10514	-0.13545	-0.42397	-0.46954	-0.38321	-0.13749	0.50703	0.20828	0.25277	0.15142	0.50706	0.39102
PF13_0218	-0.92448	-0.55622	-1.19073	-0.80485	-0.59428	-0.24869	0.46923	0.55917	0.79074	0.68794	0.65523	0.63515	0.60818	0.47657	0.44619	0.24805	0.32161	0.25156	0.00809	-0.34846	-0.22897	-0.6147	-0.57696	
PFL2280w	-0.04376	-0.45385	-0.67087	-0.60744	-0.70148	-0.83519	-1.10014	-1.04757	-0.98531	-1.06833	-0.83229	-0.94401	-0.70203	-0.60108	-0.07686	0.45578	0.96596	0.57139	0.93194	0.86066	0.78576	0.62931	0.60557	0.4673
PF10_0286	-0.85221	-0.89698	-0.94701	-0.9885	-0.82029	-0.82984	-0.66082	-0.18144	0.39705	0.75738	1.13383	1.16935	1.00316	0.78895	0.27992	-0.02184	-0.07896	0.01745	-0.82154	-0.45482	-0.51823	-0.35504	-0.49729	-0.53598
PF14_0105	-0.82768	-1.18372	-0.97661	-1.53232	-1.88066	-2.09515	-2.24137	-2.30318	-2.4005	-2.07385	-1.47007	-0.84026	0.06238	0.44967	0.95624	1.05451	0.65019	0.87232	0.59237	0.26835	-0.37722	-0.4672	-0.70253	-0.98416
PF10_0081	-0.64558	-0.70752	-0.73283	-0.75102	-0.79425	-0.66969	-0.60137	-0.60262	-0.56806	-0.42061	-0.25414	-0.12592	0.04785	0.13924	0.52616	0.57761	0.31402	0.46777	0.3583	-0.0163	-0.12035	-0.42729	-0.60745	-0.66214
PFC0580c	0.47684	0.22695	0.96248	0.43416	0.52347	0.36473	0.28723	-0.00719	0.015	0.23995	0.12119	0.31457	0.36876	0.36408	0.10978	0.15623	0.04189	0.29249	0.13709	0.40986	0.53753	0.50933	0.51759	0.75389
PFE1460w	-0.86074	-0.81903	-0.51282	-1.0261	-0.78181	-0.07933	0.05663	0.1742	0.54582	0.61431	0.6561	0.72049	0.79364	0.6952	0.9	0.71159	0.55854	0.25303	0.58596	0.01709	-0.25627	-0.25556	-0.49967	-0.56523
PF14_0106	0.53544	0.01028	-0.64809	-0.43573	-0.64142	-0.72175	-1.04999	-1.29251	-1.528	-1.80035	-1.81786	-1.74476	-1.75219	-1.68282	-0.59388	0.41493	0.78653	0.95298	1.6882	1.24938	1.13148	0.92332	0.82865	0.28768
PF13_0011	-0.69551	-0.88986	-1.14632	-1.4702	-1.25101	-0.76195	-1.58132	-1.43811	-1.59848	-1.22683	-1.25051	-1.33983	-0.84569	-0.62642	-0.5163	-0.28747	-0.03411	0.53851	-0.02938	0.44012	0.38239	0.40965	0.70527	0.89749
PFB0460c	-0.90022	-0.8558	-0.85537	-1.17916	-1.16447	-1.2623	-1.20886	-1.08871	-0.68325	-0.1307	-0.06528	0.2365	0.56384	0.88283	0.80791	0.71503	0.73537	0.60365	-0.14907	0.15506	-0.03645	-0.26033	-0.66841	-0.94795
PF13_0088	0.18738	0.17437	0.25083	0.24963	0.30578	0.22636	0.38556	0.65206	0.54182	0.40052	0.42131	0.53797	-0.08984	-0.17869	-0.19982	-0.1523	-0.33616	0.00026	-0.16218	-0.25331	-0.29314	-0.37139	-0.24529	-0.06688
PF14_0281	0.14363	-0.13258	-0.20604	-0.68169	-0.66958	-0.78192	-1.03135	-0.99925	-1.62016	-2.07652	-1.96899	-2.22954	-2.32053	-2.11287	-0.06169	0.53589	0.65481	1.2384	0.90253	0.82061	0.68558	0.62257	0.25829	
PF10_0137	0.16594	0.05419	-0.28218	-0.42928	-0.60207	-0.86051	-1.01712	-1.16435	-1.26154	-0.87694	-0.40958	0.07587	0.0975	-0.03904	-0.14742	-0.13592	0.0203	0.26695	0.91722	0.69453	0.84617	0.59193	0.76062	0.65596
PF00785c	0.85074	0.57647	0.48021	0.33324	0.11366	0.13329	0.08695	-0.24253	-0.33169	-0.4269	-0.62134	-0.67223	-0.52335	-0.6058	-0.6184	-0.61537	-0.49516	0.04846	0.07867	0.47807	0.67246	0.64146	0.71709	0.61285
PFB0485c	1.29509	1.43945	1.22987	1.43703	1.38842	1.14045	0.91979	0.95867	0.33156	0.06595	0.01989	-0.20334	-0.64806	-0.90531	-1.19088	-1.34637	-1.68481	-1.60431	-0.66523	-0.24251	0.47856	0.79352	1.07455	1.31445
PF14_0751	-0.34376	-0.31767	-0.53635	-0.55649	-0.40774	-0.28824	0.20277	0.70099	1.16352	1.01525	0.86273	0.59531	0.71127	0.51343	0.20237	0.18322	-0.08742	-0.01488	-0.11599	-0.13259	-0.00333	0.0002	-0.2065	0.0648
PFE0935c	0.13933	0.5599	0.7258	0.7261	1.02934	1.30858	0.85905	0.68513	0.70048	0.62978	0.29751	0.29211	0.25239	0.2913	0.06668	0.04901	0.15327	0.162	-0.60594	0.30172	0.52319	0.74854	1.11408	0.99959
PFA0535c	0.05711	-0.23526	-0.38523	-0.48979	-0.60737	-0.67578	-0.73499	-0.7689	-0.53039	-0.39878	-0.3671	-0.27041	-0.06862	0.15481	0.28929	0.55733	0.71419	0.76037	0.52931	0.69638	0.54668	0.6019	0.31634	-0.04282
PFE0790c	-0.09718	0.03388	0.21937	0.50598	0.55257	0.6872	0.64426	0.79293	0.57286	0.60552	0.95237	0.98646	0.7888	0.66281	0.64615	0.59169	0.00175	0.27238	0.43622	0.15882	0.09372	-0.19623	-0.11775	0.10675
PFA0525w	0.66216	0.02555	0.28575	0.04771	-0.0664	0.06437	0.11701	0.24999	0.44484	0.40512	0.41124	0.39592	-0.01288	-0.24391	-0.56162	-0.77283	-1.01948	-0.45004	0.25536	0.25857	0.43195	0.73991	0.6514	0.66022
1399.pre-tRNA-Gly-1	-0.4785	0.37388	-0.50506	0.08946	0.31399	-0.02274	-0.4355	0.1354	-0.81498	-0.53982	-0.46777	-0.6552	-0.48539	-0.73438	-0.15649	-0.16622	-1.19925	0.46206	0.60926	0.36022	0.782	1.31916	1.08273	1.05326
PFE1135w	-0.66777	-0.68108	-0.60802	-0.92163	-1.25171	-1.28376	-1.34123	-1.21387	-1.3099	-1.27809	-0.76524	-0.21696	0.2666	0.56692	1.00938	1.10254	0.4557	0.74252	0.59325	-0.00445	-0.33345	-0.10843	-0.37502	-0.65787
PF0515c	-0.13256	0.30265	0.59122	0.64169	0.78646	0.71318	0.70176	0.82619	0.80354	0.91312	1.09601	0.90897	0.66726	0.22435	0.07835	-0.19668	-0.43565	-0.51942	-0.76815	-1.07764	-1.4122	-1.14856	-0.80428	-0.46304
PFL1495w	-0.13205	-0.32386	-0.00864	-0.54172	-0.35548	-0.51812	-0.63418	-0.63127	-0.8175	-0.67895	-0.47405	-0.25869	0.08734	0.2853	0.27792	0.24816	0.2596	0.2842	0.04584	0.21317	0.2804	0.27614	0.37535	0.32779
PF13_0216	-0.25755	-0.5288	-0.76203	-1.02172	-1.24356	-1.28682	-1.51856	-1.47683	-1.70877	-1.48811	-1.00099	-0.91688	-0.64522	-0.59382	0.1229	0.37709	0.42289	0.41692	0.86453	0.44196	0.27727	0.14195	0.04604	-0.03247
PF11_0341	0.53047	0.74054	0.79816	0.92088	0.62821	0.69709	0.71624	0.69563	0.59288	0.66234	0.58549	0.50921	0.19985	-0.20515	-0.43155	-0.86547	-0.76069	-1.08524	-0.81227	-0.71297	-0.20405	0.22567	0.40889	0.57255
PF14_0077	-0.25253	-0.67714	-0.64674	-0.35419	-0.40446	-0.12599	0.12663	0.51094	0.80005	0.72296	0.93367	0.8783	0.64405	0.40298	0.20505	-0.0034	-0.58216	-0.80294	-0.22936	-0.61425	-0.62499	-0.49292	-0.27036	-0.10238
PF13_0198	0.70107	0.2322	-0.30562	-0.85084	-1.18096	-1.52667	-1.93162	-2.20723	-2.82586	-2.73655	-2.96257	-2.91451	-3.19974	-3.09562	-3.41291	-2.96636	-1.38711	-1.0257	0.6419	1.17128	1.297	1.16967	1.18445	1.10291
MAL13P1.179	0.39479	0.55195	0.56236	0.55541	0.50048	0.4557	0.3543	0.45782	0.06342	-0.02927	0.00114	0.03759	-0.11451	-0.32181	-0.00945	-0.06759	-0.19362	-0.5009	-0.01905	-0.32119	-0.14031	0.02878	0.19061	0.45259
PF11_0429	-0.14363	-0.52038	-1.3209	-0.92572	-1.24632	-0.79753	-1.4465	-1.47923	-1.57744	-1.46448	-1.70287	-1.66682	-1.31007	-0.71661	0.18574	0.99459	1.15575	1.05475	1.54785	1.26646	1.04687	0.57938	0.35185	-0.40768
PFL0595c	-0.67169	-0.61106	-0.40406	-0.23914	0.12547	0.23469	0.37658	0.27411	0.36507	0.46059	0.633	0.4928	0.78557	0.88202	0.91671	0.72452	0.24426	0.43968	0.39841	0.10822	-0.18924	-0.63692	-0.80324	-0.87037
MAL13P1.50	-0.23545	-0.11188	0.0018	0.08483	0.17143	0.38233	0.3052	0.29316	0.17533	0.37954	0.72582	0.41242	0.59937	0.60995	0.59555	0.48806	0.20811	0.0544	0.21347	-0.13848	-0.49632	-0.56955		

PF11 0336	0.27147	0.60882	0.66837	0.75437	0.54135	0.65361	0.54787	0.38087	0.45059	0.31716	0.25546	0.35087	0.24087	0.18635	0.35995	0.34267	0.25949	0.22378	0.19563	0.03105	-0.0615	0.00187	0.01326	0.21089
PFC0040w	0.23735	0.29168	-0.03446	0.28568	0.85669	0.56331	0.50573	0.87333	0.98015	1.25388	1.38787	1.15658	0.92527	0.65013	0.21998	-0.41972	-0.53132	-0.86624	-0.88498	-0.90052	-0.40919	-0.56644	-0.34201	0.2385
PF10440w	0.48723	-0.48528	0.54794	-0.54794	0.47041	0.38102	0.10776	-0.24214	-0.18498	-0.26913	-0.43389	-0.36884	-0.28433	0.01172	0.31482	0.64331	0.49522	0.88322	0.8184	0.85328	0.85148	0.60113	0.49465	0.19409
PFC0740c	0.51533	0.73082	0.23166	0.44581	0.10679	-0.10455	-0.08938	-0.15677	-0.47678	-0.51552	-0.62223	-0.53723	-0.66751	-0.70692	-0.39474	-0.25187	-0.73373	-0.29254	0.20274	0.30502	0.40083	0.52143	0.49942	0.59915
PF11 0371	-0.5609	-0.94163	-0.86682	-1.29722	-1.44833	-1.3594	-1.51812	-1.7106	-1.56236	-1.02083	-0.73097	-0.37858	0.02793	0.62957	0.7289	0.75913	0.9783	0.88959	0.05227	0.65132	0.31599	-0.21424	-0.54883	-0.82758
PFA0760w	-0.11127	0.14215	-1.23792	-0.2312	-0.67918	0.19312	0.65666	1.67446	1.60268	1.10592	0.96361	0.5602	0.61994	0.23175	0.28978	0.01621	-0.20632	0.36948	0.91767	-0.04925	0.43659	0.65896	0.5286	0.14252
PF07 0032	-0.47716	-0.68596	-0.63219	-0.54548	-0.62288	-0.67251	-0.74549	-0.86272	-1.27635	-1.21567	-0.27949	-0.50587	0.15017	0.28965	0.68985	0.84362	0.68871	0.45876	0.47052	0.22097	-0.09741	-0.02167	0.02385	
PF11 0279	0.19112	0.57922	0.7308	0.95165	1.42003	1.54284	1.55603	1.43302	1.01549	0.87715	0.56832	0.20435	0.16933	0.04549	-0.25424	-0.41881	-0.25543	-0.27017	-0.31213	0.0733	0.42231	0.32095	0.56213	0.80759
PFC0381c	0.67245	0.96584	0.95726	1.00065	1.19279	1.08316	1.06802	1.06236	0.52896	-0.00931	0.22408	0.11579	0.06539	0.08118	0.12561	0.22592	0.27692	0.56599	0.36339	0.51251	0.59994	0.45256	0.46981	0.52362
PFL2345c	-1.00642	-0.91427	-0.97063	-0.72743	-0.65804	-0.72612	-0.6013	-0.38625	-0.224	-0.15641	0.01706	0.13652	0.21151	0.20191	0.46581	0.4464	0.325	0.43128	0.38739	-0.15414	0	-0.59639	-0.65289	-0.65347
PFD0680c	-0.59339	-0.29223	-0.34406	-0.20989	-0.26077	-0.43573	-0.31024	-0.42034	-0.41139	-0.26579	-0.14301	-0.06836	0.12052	0.17422	0.44746	0.41805	0.39883	0.30074	0.137	-0.04452	-0.14718	-0.50449	-0.69565	-0.68786
PFC10 API0040	-0.52337	-1.10337	-1.31889	-1.42938	-0.68169	-0.9001	-1.33954	-0.23051	-1.33026	-0.76413	-0.60062	-0.66364	-0.76051	0.01981	0.19769	0.47395	0.89334	0.49084	-0.28818	0.09967	-0.10009	0.63102	-0.34619	-0.35747
MAL13P1.204	0.4606	0.73698	1.04706	1.02152	0.90652	1.1951	0.97855	1.09202	1.1839	0.97965	0.82486	0.66323	0.43304	0.2199	0.15693	0.06321	-0.14285	-0.06615	0.09959	-0.13071	-0.52005	-0.00089	-0.46724	0.3272
PF0775w	-0.1534	-0.0711	0.02016	-0.12798	0.19266	0.71885	0.84739	0.95629	0.72881	0.79592	0.80683	0.64601	0.41634	0.24383	0.23837	0.0882	0.02043	0.10018	0.23051	0.07525	-0.05457	0.0719	0.41302	0.32134
PF10 0160	-1.18384	-0.72842	-1.02548	-0.51617	-0.29819	-0.26616	-0.14088	-0.01333	-0.27609	0.11568	0.61451	0.47825	0.70938	0.37967	0.63649	0.29911	0.09575	-0.50457	-0.59811	-1.54472	-1.362	-1.19784	-1.49799	-1.1949
PFD0420c	-0.75024	-0.79675	-2.04813	-1.29785	-1.44252	-1.56953	-1.51575	-1.37252	-1.19668	-0.57965	-0.39339	-0.11923	0.3816	0.44925	0.88619	0.95819	0.78213	0.55638	0.72173	0.23173	-0.04326	-0.42882	-0.62399	-0.75615
PFL2205w	0.65789	0.84935	1.14866	1.49378	1.58745	1.30493	1.03329	1.11507	0.66579	0.47808	0.55147	0.41137	0.22168	0.11463	-0.10651	-0.17338	-0.29208	-0.21924	-0.24196	-0.13515	-0.08356	-0.17517	0.20658	0.65076
MAL13P1.292	0.67418	0.88173	-0.3168	1.10522	0.86419	0.96943	1.04717	0.82503	0.93173	0.73775	0.65554	0.52462	0.18357	0.00706	-0.14252	-0.25081	-0.23976	-0.50557	0.25079	-0.27187	-0.04733	-0.04003	0.21439	0.45814
PF10 0365	0.37981	-0.11054	0.46503	0.20145	0.18909	-0.04626	0.12854	-0.03744	-0.01061	-0.01219	0.06409	0.19457	0.28039	0.13126	0.02909	-0.01418	-0.04764	0.15268	0.5243	0.40439	0.43468	0.43664	0.4511	0.63043
MAL13P1.126	0.00812	-0.38238	-0.46059	-0.59175	-0.75869	-0.8141	-0.10941	-1.21344	-1.61319	-1.69309	-1.29686	-1.17253	-0.8011	-0.43831	0.30161	0.78302	0.59478	0.63	1.18134	0.74753	0.78731	0.46912	0.262	-0.06713
PF1685w	-0.62459	-1.10103	-1.23144	-2.04148	-2.22824	-2.59935	-2.8063	-3.07389	-3.51606	-3.98317	-3.98909	-4.00907	-3.72465	-2.61208	-0.69168	0.28839	0.76819	0.71053	1.4806	1.19442	0.9484	0.2034	0.44006	0.18318
MAL13P1.35	0.47576	0.67532	0.52537	0.65387	0.55325	0.60499	0.55922	0.42674	0.35914	0.26594	0.25622	0.17906	-0.00822	0.02155	-0.07568	-0.03188	-0.12637	-0.15126	0.28162	0.15083	0.0888	0.22517	0.34717	0.52714
PF0620c	0.3357	0.64055	0.74397	1.0224	1.31662	1.20394	1.04485	1.21795	0.97096	0.70573	0.58625	0.56568	0.40349	0.25129	0.05612	-0.01427	0.02138	-0.13128	0.03569	-0.12346	-0.23961	-0.04366	0.16777	0.44489
PF11 0129	-0.09227	-0.12601	-0.26436	-0.38671	-0.36991	-0.3755	-0.03081	0.37542	0.73785	0.71376	0.84495	0.79816	0.59518	0.40524	0.38608	0.33656	-0.01701	0.40331	0.26765	0.22101	0.04606	-0.00415	-0.05821	-0.05378
PF14 0361	-0.49426	-0.54443	-0.12363	-0.58401	-0.46413	-0.37159	-0.4861	-0.72013	-1.12912	-0.89309	-0.57372	-0.51346	-0.09539	0.05242	0.54321	0.7173	0.98778	0.23337	0.67761	0.06433	-0.10907	-0.32651	-0.51913	-0.75396
MAL8P1.161	-0.58715	-0.76198	-0.41795	-0.93351	0.01539	1.3217	2.14945	2.55967	2.60661	1.73358	1.36204	0.7584	0.1494	-0.56049	-0.89399	-1.23502	-0.35939	-1.08739	0.6755	-0.12448	-0.26126	-0.56023	-0.1424	1.04818
PF13 0034	-0.17497	0.05028	-0.03959	0.44359	0.54174	0.53233	0.54349	0.5886	0.47587	0.51858	0.6014	0.57212	0.54346	0.41023	0.47391	0.39416	0.33584	0.15998	0.15417	-0.04064	-0.25499	-0.31703	-0.33301	-0.26339
PF13 0036	-0.18608	0.14257	0.07212	-0.21987	0.05911	0.12868	0.20236	0.18595	-0.1978	0.18088	0.14697	0.28446	0.48923	0.35515	0.55602	0.49596	0.06328	0.19777	0.23196	-0.24967	-0.34772	-0.20176	-0.26618	-0.18038
MAL13P1.38	0.15463	-0.22571	-0.58716	-0.63028	-1.32764	-1.59143	-1.41087	-1.6624	-2.12179	-2.27666	-2.21875	-2.1735	-1.9036	-1.54358	-0.48204	0.27294	0.75225	0.62695	1.22188	0.85756	1.15406	0.75344	0.60334	0.18965
MAL13P1.193	-0.15674	-0.11323	-0.10587	-0.11918	-0.10205	-0.23324	-0.28285	-0.02532	0.03536	0.19129	0.1026	0.34974	0.33595	0.36147	0.34635	0.17699	0.10047	0.16808	0.17738	-0.12814	-0.18773	0.4033	-0.17571	-0.03993
PFL0490c	-0.59061	-0.75629	-0.76128	-0.63819	-0.67122	-0.22546	0.25733	1.07103	1.2048	1.13957	1.17858	1.10773	0.7397	0.61618	0.45787	0.3124	-0.05269	0.08731	0.00804	-0.25432	-0.27356	-0.24662	-0.29124	-0.42074
PF0700c	-1.21257	-0.28056	0.14911	0.22539	0.32663	0.68977	1.1025	0.77625	1.16486	0.94533	0.78701	0.8552	0.67883	0.39903	0.09292	-0.08654	-0.47051	-0.6082	-1.07214	-1.89325	-1.97669	-1.55878	-1.29163	-1.26995
PF14 0234	0.48959	0.13977	-0.0239	-0.71442	-0.7389	-0.89988	-0.92487	-0.88881	-0.79282	-0.79587	-0.93786	-1.18979	-1.17945	-1.28757	-1.22882	-0.93863	-0.20957	0.18769	0.97951	0.83701	0.86353	1.01575	0.9919	0.81805
PF11 0294	0.25681	0.45895	0.34765	0.50052	0.83942	0.92948	1.05611	1.07726	0.95092	0.73431	0.63804	0.47743	0.43761	0.20365	0.17701	0.06334	-0.02491	-0.09955	0.01767	-0.06842	0.03879	0.11269	0.16017	0.26995
MAL8P1.86	-1.45692	-1.34444	-1.45716	-1.42824	-0.81362	-0.52443	-0.12997	0.36831	0.66078	1.12668	1.16218	1.37138	1.11127	0.98884	0.41059	0.16712	-0.15996	-0.285	-0.70674	-0.73668	-0.17628	-1.07504	-1.17235	-0.95645
PF11 0364	-1.00961	-0.4737	-0.36504	-0.15922	0.00781	-0.32622	-0.36906	-0.23077	-0.13686	0.14443	0.4219	0.50358	0.5116	0.33676	0.47404	0.3737	0.18009	-0.1814	-0.27121	-0.66952	-0.95051	-1.0353	-1.26583	-1.08275
PFB0850c	-0.87648	-0.81494	-0.44619	-0.38915	-0.1586	0.1065	0.2925	0.33046	0.32546	0.38659	0.45199	0.23684	0.45561	0.37409	0.35966	0.18381	0.55177	-0.339	-0.00652	-0.11809	0.0108	-0.31226	-0.29963	-0.15613
PFD0260c	-0.16673	0.06573	-0.43901	0.18226	0.254	0.46341	0.09269	0.15955	0.21381	0.22514	0.0037	0.08317	0.0523	0.18224	0.13631	0.44772	0.31907	0.16172	-0.06279	0.01798	0.16358	0.22936	0.08902	0.11021
PF14 0539	-0.23714	-0.18244	0.3141	-0.15041	-0.30355	-0.23945	-0.44281	-0.35456	-0.12891	0.54607	0.75054	0.90222	0.69733	0.65778	0.5784	0.50213	-0.07248	0.09125	0.13478	-0.12399	-0.23871	-0.36264	-0.27384	-0.21972
PFL0575w	-0.33511	-0.2064	0.03919	-0.01772	-0.0494	0.25307	0.46228	0.28969	0.61882	0.69672	0.45392	0.49089	0.60313	0.81466	0.44292	0.19568	0.24865	0.01714	-0.72088	-0.2468	-0.38606	-0.2198	-0.29504	-0.34736
MAL8P1.36	-0.50869	-0.07155	0.09665	0.27318	0.60159	0.99313	1.06524	1.46779	1.02886	0.93293	0.94066	0.92023	0.48185	-0.05621	-0.13548	-0.46512	-0.93341	-0.42819	-0.47991	-0.85668				

PF14_0671	-0.21679	0.0167	-0.10728	0.17618	0.24221	0.21053	0.32644	0.16668	0.16463	0.09397	0.16661	0.24564	0.41804	0.27788	0.55778	0.42722	0.55009	0.03118	0.3058	0.09326	0.07525	0.14086	0.24736	0.33758
PF08_0110	-0.32455	-0.2125	-0.57033	0.12043	0.05161	0.28965	0.14592	0.32963	0.49426	0.33558	0.39376	0.62304	0.48416	0.23439	0.30683	0.31141	0.35109	-0.24305	0.69881	-0.07985	-0.22325	0.06297	0.1296	-0.00646
PFL2310w	0.88326	0.75645	0.57309	1.04286	1.01199	0.92901	0.90436	0.92971	0.66833	0.49953	0.46935	0.2878	0.19086	0.0388	-0.09551	-0.13815	-0.27727	-0.23683	0.22151	-0.00738	0.15661	0.30001	0.43455	0.72966
PFF1595c	0.80931	0.57554	1.41802	0.74385	0.2038	-0.03205	-0.11167	0.18517	0.52474	-0.03307	0.02697	-0.22046	0.01939	-0.05983	-0.20097	-0.46809	-0.43767	-0.38477	0.14818	0.06159	0.12486	0.0157	0.14039	0.03018
PFE0150c	-0.99193	-0.98783	-0.6797	-0.56833	-0.20414	0.22985	0.64085	0.72755	0.70016	0.59269	0.74622	0.81654	0.7663	0.80399	0.81352	0.7409	0.29783	0.37133	0.29749	-0.18283	-0.50443	-0.90622	-1.12969	-1.15632
PF11_0457	-0.54717	-0.06049	-3.58235	0.13416	-0.09104	0.33928	0.30996	0.39511	0.54735	0.66579	0.90509	1.00512	1.04749	0.49652	0.53623	0.23329	-0.05672	-0.29018	-0.22614	-0.92092	-1.26306	-0.64544	-0.75307	-0.39397
PF10_0294	0.20973	0.32064	0.41388	0.35068	0.40402	0.48329	0.46657	0.30823	0.56971	0.67753	0.70337	0.72449	0.64774	0.50683	0.24573	0.08994	-0.17216	-0.2669	-0.42306	-0.39886	-0.29732	-0.06773	-0.03867	0.0258
MAL13P1.70	0.70024	0.811	0.75191	0.71805	0.55619	0.56911	0.53519	0.2627	0.22665	0.12868	-0.03655	-0.05908	-0.24027	-0.27018	-0.58266	-0.73761	-0.26473	-0.58876	0.13242	0.07791	0.33285	0.60646	0.6829	0.78614
PFL0750w	0.51389	0.54554	-0.20078	0.26065	-0.05574	0.02672	-0.02358	0.04272	-0.00465	-0.07476	0.09604	0.32504	0.04761	-0.04458	0.03188	0.46005	0.13889	1.0225	1.17538	1.11876	0.79506	0.56115	0.71417	0.42147
PFC0670c	-1.44473	-1.61478	-2.00331	-1.82425	-1.82042	-1.78218	-1.42608	-1.01421	-0.88197	-0.50683	-0.00166	0.29995	0.56515	0.74585	1.08631	0.85379	0.25355	0.48665	0.13033	-0.28548	-0.6695	-1.07288	-1.31951	-1.41629
PF14_0092	0.12191	-0.80913	-1.08284	-1.66292	-2.10533	-2.35856	-2.62429	-2.57766	-2.86731	-2.64024	-2.11883	-2.02861	-1.73087	-1.58773	-0.85704	0.04036	0.83316	0.85752	1.35721	1.14715	0.87236	0.74558	0.6484	1.04575
PFB0555c	0.17268	0.21657	0.40814	0.21801	0.16432	0.20989	0.26166	0.10886	0.31614	0.40227	0.34964	0.38338	0.50929	0.66526	0.42874	0.20211	0.19668	-0.03359	-0.49442	-0.21196	-0.17642	-0.18287	-0.18252	-0.02427
MAL7P1.38	-1.21572	-0.71624	-0.31003	-0.35926	-0.19151	0.01563	0.18069	0.58737	0.66152	0.61981	0.71388	0.63204	0.69686	0.48264	0.50362	0.1905	-0.08327	-0.11996	-0.553	-0.69179	-0.98498	-0.9833	-0.91778	-0.73355
PF11_0488	-0.6883	-0.84186	-0.72104	-0.74549	-0.92223	-0.96305	-0.94062	-0.98913	-0.72121	-0.31314	-0.00376	0.3232	0.70011	0.8975	0.88425	0.6089	-0.69924	0.45171	-0.30369	-0.17556	-0.31096	-0.36725	-0.06657	-0.69023
PF14_0470	-0.31004	-0.55988	-0.4157	-0.77822	-0.83382	-0.95124	-0.86974	-0.86829	-0.37092	-0.06109	0.12281	0.08251	0.25844	0.46262	0.47132	0.48457	0.76068	0.5038	0.28885	0.41439	0.30799	-0.00453	-0.23104	-0.41195
PF10_0025	1.5126	1.82071	1.7331	1.91557	1.51658	1.37651	0.75616	0.38486	-0.24133	-1.04296	-1.32797	-1.80142	-2.01573	-2.36762	-2.21224	-2.22074	-2.01947	-2.16055	-1.27932	-0.30439	0.26771	0.69536	1.04917	1.21435
PFC10_API0047:t																								
RNA	0.74381	1.34322	0.52521	0.30678	0.05362	0.5683	-0.02208	0.4581	0.45745	0.02698	-0.09808	0.02536	-0.32076	-0.24449	-0.02417	0.23539	-0.10077	0.56906	1.00926	0.2997	0.70968	1.09836	0.51617	0.23263
PFF0630c	-1.76636	-1.66722	-1.74395	-2.09971	-1.98291	-2.02471	-2.19032	-1.42808	-0.81814	-0.04139	0.80513	1.03042	1.11748	0.89011	0.87321	0.54016	0.04827	-0.39417	-0.34186	-0.96901	-1.15864	-1.44614	-1.56175	-1.55306
PF10_0039	0.9576	-0.30271	-0.97136	-1.10906	-1.41187	-1.88888	-2.25179	-2.61248	-3.1713	-3.50823	-3.54681	-3.71506	-4.15366	-4.36313	-3.81796	-2.56986	-0.418	-0.82986	1.27018	1.50224	1.37778	1.10593	1.58351	1.51595
PF14_0548	0.25008	-0.28574	-0.38361	-0.39631	-0.61032	-0.596	-0.70642	-0.62085	-0.44387	-0.38731	-0.2769	-0.15053	-0.1531	-0.26879	-0.08144	0.28724	0.4902	0.51831	1.29293	0.80872	0.7853	0.6039	0.66457	0.29241
PF13_0252	-1.45423	-1.03239	-0.70804	-0.63523	-0.43302	-0.39662	0.23907	0.6369	1.51338	1.12146	1.4028	1.46669	1.0066	0.67047	0.24567	-0.17565	-0.41297	-0.97919	-1.59837	-2.47789	-2.42402	-2.04571	-2.20221	-1.64821
PF13_0116	0.30181	0.5981	0.55452	0.53856	0.86901	0.70978	0.4985	0.24498	-0.2207	-0.66035	-0.92111	-1.01689	-0.85601	-0.58796	-0.67166	-0.61342	-0.39015	-0.64803	-0.20266	-0.31188	-0.1583	-0.02053	0.1047	0.16467
PF11_0162	-0.11517	-0.10236	-0.26369	-0.06474	-0.00959	-0.17524	-0.28581	-0.37514	-0.5168	-0.62622	-0.49249	-0.33889	-0.12336	0.11787	0.45363	0.43598	0.2864	0.16203	0.07697	0.00399	-0.09827	-0.41513	-0.24622	-0.08083
PF13_0345	-0.85922	-0.44081	-0.47467	-0.36803	-0.32856	-0.20841	-0.04261	0.29222	0.38228	0.5881	0.92948	0.82105	0.86416	0.59352	0.51436	0.28278	-0.05327	-0.17812	-0.34585	-0.57423	-0.73934	-0.67084	-0.62532	-0.47112
PFD0090c	-3.26209	-3.43794	-3.08178	-3.65198	-2.99028	-1.8857	-0.09935	0.62092	1.84442	2.48778	1.25417	1.33832	0.93233	0.65855	-0.08906	-0.73844	-1.1453	-1.64308	-2.68652	-2.75731	-2.77167	-3.09459	-3.33176	-3.5542
PF10_0172	0.57724	0.73015	0.72581	0.7569	0.71398	0.54401	0.62724	0.69318	0.70391	0.36431	0.32581	0.38562	0.23517	0.3551	0.32212	0.35382	0.43536	0.51611	0.44763	0.68982	0.71817	0.32433	0.52937	0.51672
MAL8P1.111	0.63134	0.7679	0.66668	0.66088	0.78192	0.23932	0.09274	-0.18379	-0.40549	-0.36177	-0.23706	-0.2503	0.0504	0.30052	0.30261	0.32159	0.37028	0.2752	-0.0111	0.06986	0.13321	0.29728	0.32468	0.4256
PF13_0182	-0.30078	-0.845	-1.35046	-0.54804	-0.37599	-0.17719	0.13489	0.25649	0.38916	0.42137	0.31477	0.27605	0.30781	0.56427	0.4545	0.4067	0.36668	0.35311	0.14229	0.17608	0.00776	-0.22259	-0.2602	-0.18917
MAL13P1.248	0.57524	0.38184	0.11312	0.2997	0.29992	0.20912	0.03874	-0.1837	-0.68043	-0.81967	-0.46826	-0.39188	-0.21381	-0.09783	0.32375	0.65565	0.9559	0.76901	1.61139	1.04088	1.08225	0.63811	0.53828	0.15409
PFI0550w	-0.08102	0.15351	0.44368	0.10789	0.19143	0.25796	0.29455	0.49477	0.65417	0.80455	0.59149	0.85599	0.72533	0.44708	0.41453	0.19934	-0.12475	0.08065	0.01864	-0.28445	-0.31013	-0.2451	-0.25555	-0.07494
PF14_0320	-0.06782	-0.28553	-0.29204	-0.45879	-0.40117	-0.49866	-0.42342	-0.47235	-0.27769	-0.11487	-0.06799	0.12094	0.15476	0.37964	0.27271	0.34319	0.44198	0.32869	0.06022	0.18857	0.09652	0.02659	-0.15629	-0.25855
PF10_0343	0.10783	-0.73787	-1.45769	-1.49415	-0.61586	-1.2375	-1.3105	-1.41342	-3.54074	-0.79796	-1.62992	-1.45139	-3.02164	-1.10551	-1.61975	-0.07114	0.37268	0.61332	0.102975	1.37854	1.33994	1.8636	0.57373	-0.05674
PFI1255w	-0.11854	0.11164	-0.0382	0.0654	0.1077	-0.00913	-0.08867	-0.20457	-0.53401	-0.63472	-0.42722	-0.46028	-0.21207	-0.12721	0.34877	0.49051	0.52546	0.52724	1.03141	0.50886	0.41632	-0.16543	0.03733	0.11595
MAL8P1.140	-0.42026	-0.55999	-0.79569	-0.65471	-0.65929	-0.83578	-0.8156	-0.61852	-0.10848	0.01909	-0.00649	0.31177	0.38816	0.80339	0.81621	0.91452	0.44529	0.73489	0.73221	0.4526	0.22155	-0.1833	-0.33222	-0.55186
PFD1060w	-0.00076	0.20698	0.24003	0.92264	0.24288	0.3036	0.3274	0.2099	0.51015	0.56466	0.57133	0.5476	0.50097	0.49584	0.18376	-0.10407	-0.17686	-0.30689	-0.74531	-0.68789	-0.53588	-0.37405	-0.35374	-0.2746
PFB0580w	0.02475	0.0884	0.17473	0.20381	0.14419	0.18682	0.38896	0.43032	0.36436	0.45233	0.48182	0.54347	0.54389	0.42394	0.48679	0.42419	0.33914	0.21649	0.32703	-0.03639	-0.10206	0.25363	0.04004	0.04049
PFE0235c	-0.89247	-0.92569	-1.01698	-1.37151	-1.41007	-1.52408	-1.4764	-1.61233	-1.53551	-1.12477	-0.86756	-0.48901	0.12878	0.68748	0.91704	0.843	0.87829	0.7167	-0.07419	0.20326	0.05325	-0.23522	-0.66369	-1.005
PFI0850w	0.59363	0.28875	0.02925	-0.07447	-0.14255	-0.39295	-0.59276	-0.70521	-0.89886	-0.86387	-0.71717	-0.67623	-0.71896	-0.63954	-0.28207	0.10179	0.47732	0.93555	0.91905	1.0288	1.06197	0.75664	0.73152	0.39327
PFI1445w	-0.73356	-1.66536	-1.76141	-2.2156	-2.50134	-2.80283	-3.07896	-3.41102	-3.90695	-4.05065	-3.98403	-3.90665	-2.90305	-1.37356	-0.34661	0.7777	0.62653	1.04503	1.01108	1.24998	0.82903	0.61378	0.15197	-0.65536
PFL2665c	-0.09147	0.6029	0.25972	0.52646	2.4726	1.7458	1.22609	0.92727	1.30617	1.17533	0.26826	-0.03067	-0.42084	-0.34527	-2.37873	-0.50663	-2.80329	-2.04568	-2.90004	-1.06307	-0.77976	-0.74798	-0.51428	-0.18682
PFE0895c	0.065	-0.77218	-1.28322	-0.60838	-0.68494	-0.75902	-0.84611	-0.98011	-1.38588	-1.48462	-													

MAL7P1.153	-0.19304	-0.54476	-0.53488	-0.52161	-0.68917	-0.58306	-0.66692	-0.62374	-0.43778	0.00144	0.28207	0.45196	0.44393	0.57043	0.61054	0.68343	0.86577	0.51023	0.51039	0.28679	-0.02921	-0.14037	-0.25468	-0.26785
PF05081w	-0.36058	-0.25403	-0.61267	-1.00597	-1.00437	-1.05136	-0.90121	-1.05703	-0.95667	-1.04993	-0.80937	-0.69981	-0.42651	0.05489	0.49853	0.92412	0.57528	0.76727	0.63448	0.36543	0.37147	0.08077	-0.20364	-0.26784
PFA0460c	-0.62195	-0.68223	-0.62427	-0.52116	-0.37833	-0.57775	-0.64113	-0.49967	-0.05845	0.18607	0.71129	0.77775	0.683	0.35246	0.39201	0.2386	-0.17113	-0.16003	0.03167	-0.26658	-0.16589	-0.049	-0.04801	0.11905
PF13 0188	0.03243	-0.03937	0.07262	-0.16078	-0.15635	-0.27108	-0.32345	-0.55279	-0.69884	-0.24734	-0.00168	0.16016	0.30937	0.4043	0.56836	0.58526	0.6022	0.63319	0.47724	0.66896	0.44946	0.33557	0.29247	0.26487
PFL2455w	0.15805	0.55728	1.19062	0.79097	0.65123	0.87386	0.57269	0.83362	0.55866	0.15225	0.15577	-0.13469	0.16474	-0.12807	0.25253	0.07611	-0.00749	-0.11894	0.19504	-0.07578	-0.18972	0.22702	0.21642	0.27908
PFD0311w	-0.47225	-0.17444	-0.1109	-0.20874	-0.0969	0.06545	0.10572	0.20935	-0.19592	-0.2581	0.12322	0.23964	-0.04248	-0.11741	-0.06194	-0.13026	-0.16092	-0.02172	0.1738	-0.45071	-0.55088	-0.52078	-0.53083	-0.62789
PF10 0322	0.57982	0.34165	-0.14939	-0.2104	0.37495	0.33941	0.71079	0.88203	0.87486	0.30569	0.20721	0.04485	-0.04619	-0.48996	-0.17562	-0.09711	-0.19481	-0.08352	0.30874	-0.1008	0.17835	0.37458	0.12516	0.23078
PF11 0159	-0.82371	-0.77338	-0.93959	-1.11534	-1.06863	-1.15951	-1.05317	-0.34244	-0.12343	0.23734	0.74494	0.81783	0.75036	0.52422	0.61402	0.62193	0.42977	0.22112	0.32944	-0.21892	-0.29451	-0.62854	-0.69909	-0.75206
MAL13P1.233	-0.24779	0.22878	0.37995	0.40265	0.73247	0.34318	0.14841	-0.18178	-0.43646	-0.14105	-0.07188	-0.09467	-0.06201	-0.119	-0.15689	-0.36874	-0.57039	-1.30798	-1.57968	-1.72567	-1.28131	-0.83324	-0.71549	-0.40104
PF14 0213	0.40714	0.07763	-0.42554	-0.32998	-0.60905	-0.79486	-0.58013	-0.54894	-1.0073	-1.17316	-1.14149	-1.58087	-1.48736	-1.13597	-0.73687	0.18663	0.53638	1.01676	0.88254	1.06879	0.84461	0.77529	0.63573	0.21303
PFI0405w	-0.77483	-0.97516	-1.16346	-1.33784	-1.4934	-1.9005	-1.94346	-1.95657	-2.12432	-1.80652	-1.32484	-0.86907	-0.3747	0.00883	0.50555	0.67741	0.67696	0.38197	1.00784	0.43962	0.18463	-0.29681	-0.43527	-0.54713
PF08 0085	-0.32949	-0.26252	-0.20712	-0.28698	-0.15586	-0.27786	-0.28323	-0.41559	-0.35975	-0.43323	0.04613	0.05476	0.24213	0.19262	0.29276	0.2948	0.07234	0.01171	0.0434	-0.31773	-0.43117	-0.16556	-0.13349	0.01592
PFE0710w	-0.21377	0.03049	0.19632	0.62357	0.78753	0.50005	0.40861	0.29903	0.10928	-7.93E-05	0.04128	0.22003	0.17779	0.36856	0.40954	0.43489	0.42633	0.37019	0.59592	0.35086	0.06664	-0.10508	-0.09294	-0.07776
PF11 0471	0.41516	0.16274	0.04185	-0.28382	0.12488	-0.07266	-0.71462	0.25948	-0.19902	-1.33325	-0.43175	-1.42273	-1.03503	-0.54702	-0.71853	-0.24983	0.15293	-0.33002	0.34623	0.01451	0.0542	0.82771	0.73485	0.31771
PF11 0248	-0.74591	-0.48461	-0.84539	-0.63479	-0.86603	-0.6607	-0.80613	-0.5155	-0.15232	0.07515	0.73644	0.79238	0.94557	0.71264	0.73478	0.51324	0.38368	0.22595	0.14365	-0.19676	-0.15645	-0.42513	-0.36092	-0.31281
PFL0680c	-0.38501	-0.66438	-0.43591	-0.52232	-0.8327	-0.82914	-1.06891	-1.05573	-0.7111	-0.04009	0.25103	0.48521	0.65939	0.52711	0.55188	0.63725	0.30176	0.47974	0.63551	0.16385	-0.09904	-0.18206	-0.17796	-0.14753
PFD0840w	-0.05065	0.06604	0.45049	0.15549	0.3069	0.39591	0.51443	0.07127	0.35313	0.32889	-0.04754	-0.08766	0.08129	0.46754	0.14698	0.06741	0.20833	0.19507	-0.63805	-0.07964	-0.15267	-0.16611	-0.27096	-0.18865
PFD0692c	-0.34476	-0.42703	-0.87963	-0.88367	-1.27597	-1.60102	-1.45463	-1.46113	-1.87672	-1.78159	-1.20356	-0.76729	-0.0939	0.11039	0.80682	0.92582	0.70561	1.08182	1.02193	0.51655	0.05075	-0.22241	-0.5642	-0.69805
MAL8P1.29	-0.40351	-0.5531	-0.56214	-0.5722	-0.60197	-0.68126	-0.65794	-0.75304	-0.48952	-0.24432	-0.17725	0.0228	0.25182	0.49689	0.45229	0.49119	0.45157	0.52153	-0.08625	0.16895	0.14695	0.01723	-0.17177	-0.34404
PF10 0208	0.00772	0.05352	0.33445	0.36484	0.59986	0.61928	0.45629	0.21557	-0.01081	0.0104	0.06438	-0.02387	0.22613	0.40316	0.53628	0.57179	0.46212	0.12298	0.31252	-0.15086	-0.35207	-0.33282	-0.49534	-0.25226
PF14 0254	-1.34407	-1.49422	-1.52113	-1.748	-1.71346	-1.63355	-1.68298	-1.17512	-0.92267	-0.23774	0.30965	0.6161	0.82224	0.79364	1.00212	0.62303	0.34365	0.06847	0.02093	-0.47784	-0.71208	-1.09425	-1.4448	-1.69656
PFB0375w	0.81825	1.02371	1.05679	1.11981	1.11348	1.35312	1.21552	1.07826	0.9898	0.85326	0.63093	0.59469	0.38023	0.29551	0.01957	-0.21613	-0.36868	-0.28347	-0.58286	-0.31769	-0.24186	0.06952	0.32103	0.53818
PF11 0185	-0.13363	-0.15104	-0.10413	0.00286	0.19489	0.17928	0.31937	0.08079	0.00564	-0.13751	-0.35303	-0.43118	-0.21221	0.08829	0.21875	0.39271	0.86362	0.49447	0.10409	0.49426	0.57877	0.27116	0.19706	0.05251
PFL1290w	0.48581	0.89042	1.04794	1.02241	1.09716	1.10444	1.0188	1.14483	1.09658	0.93778	0.8323	0.53231	0.25483	0.0713	-0.08669	-0.31242	-0.41518	-0.60235	-0.5251	-0.5841	-0.36623	-0.20949	0.01606	0.3496
PF07071w	1.09995	0.33824	-0.1357	-0.23191	-0.30096	-0.63425	-0.81949	-0.62549	-0.68844	-0.62431	-0.55225	-0.33017	-0.44821	-0.38138	-0.49898	-0.64043	-0.76997	-0.28336	0.9553	0.94079	1.10699	1.06026	1.28044	1.3154
PF11 0066	-0.73029	-0.77479	-0.57291	-1.11285	-0.91163	-1.04174	-1.24654	-1.23186	-1.31111	-1.17938	-0.52699	-0.11845	0.3826	0.44227	1.00628	0.83201	0.26537	0.40512	0.31954	-0.12219	-0.25099	-0.61466	-0.70882	-0.52379
PF11 0329	0.2737	0.02397	-0.2844	-0.04977	-0.09722	-0.20691	-0.22034	-0.25278	-0.1515	-0.15584	-0.14926	-0.05842	0.06123	-0.00527	0.00272	0.0705	-0.16015	-0.07771	0.57808	0.31932	0.40396	0.35664	0.40856	0.54294
PFL1580w	0.86335	0.27471	-0.20827	-0.26793	-0.23879	-0.52796	-0.85514	-0.76467	-1.1136	-1.12068	-1.09738	-1.11529	-0.91832	-0.53093	-0.12576	0.23308	0.44231	0.80337	1.20428	1.24043	1.2598	0.95186	0.75195	0.69873
PF14 0116	0.70246	0.39925	-0.13746	0.31066	0.01112	0.22044	0.5392	0.34414	0.82738	0.78308	0.64962	0.62371	0.51172	0.57698	0.39587	0.10066	-0.07909	-0.24143	-0.20378	-0.29147	-0.22437	-0.14768	0.02725	0.15027
PF14 0338	-0.35415	-0.49308	-0.30177	-0.40722	-0.3724	-0.14248	-0.08017	0.05634	0.47507	0.67999	0.72899	0.7411	0.43944	0.5307	0.17957	0.04656	-0.12193	0.04092	-0.28181	-0.02718	0.07137	0.12764	0.14969	-0.025
PF11 0206	0.74554	0.86623	0.96169	1.03296	0.94489	0.88755	0.65151	0.39776	0.19894	-0.08562	-0.13653	-0.17722	-0.03268	-0.00901	0.04175	0.16247	0.19852	-0.07007	0.06168	0.10595	0.14593	0.41015	0.38398	0.16478
MAL13P1.168	-0.25423	-0.8356	-1.02421	-1.28089	-1.42981	-1.65905	-1.62226	-1.64269	-1.70873	-1.24646	-0.77188	-0.24112	0.24988	0.61011	0.7192	0.93954	0.58405	0.58344	0.5746	0.51365	0.09694	0.46546	-0.66727	-0.88657
PF14 0226	0.33103	-0.04622	-0.48182	-0.51225	-0.63034	-0.78099	-0.90701	-0.70371	-0.98289	-0.9263	-1.11651	-1.10858	-1.03291	-0.68397	0.05562	0.65548	0.98833	1.24887	1.58149	1.2458	1.04466	0.69124	0.3674	-0.09562
PFD0915w	-0.23178	0.01061	-0.13375	-0.00274	0.06785	0.20229	-0.02607	0.0587	0.07575	0.13783	0.38215	0.37443	0.64464	0.47103	0.47977	0.31806	0.05417	0.16549	0.35893	0.0535	0.11841	0.25105	0.36268	0.39726
PFD0730w	0.42408	0.90532	0.82032	1.07038	1.23293	1.08349	0.83938	0.75587	0.0298	0.03633	0.1026	0.11699	0.20276	0.13589	0.19112	0.04574	-0.06048	-0.16876	-0.64022	-0.58115	-0.21833	-0.04092	0.24274	
PF11 0357	-0.39526	-0.40237	-0.12535	-0.0547	0.51414	0.8116	1.08042	0.96482	1.02273	0.81078	0.35881	0.17447	0.15277	0.28092	-0.08558	-0.14567	0.2682	0.16051	-0.51926	0.23229	0.39909	0.38842	0.32419	0.23871
PF13 0147	-0.05963	0.16046	0.19621	0.01004	0.03768	0.02756	0.02825	0.0138	0.31258	0.32186	0.52656	0.57666	0.51309	0.31822	0.30023	0.12474	-0.11071	-0.25235	-0.45694	-0.62253	-0.7085	-0.43524	-0.4962	-0.27956
PF10 0065	-0.95603	-0.68375	-0.68102	-0.93969	-0.84652	-0.4909	-0.08531	0.36024	0.71345	0.92358	1.03127	1.18423	1.07241	0.6428	0.4947	0.36079	-0.05527	0.10347	-0.02527	-0.42321	-0.77594	-0.87128	-0.80986	-0.74699
MAL13P1.144	0.21917	0.59084	0.59615	0.75747	0.79481	0.83304	0.65813	0.67899	0.67948	0.56179	0.74385	0.74262	0.71171	0.42879	0.23777	0.12274	-0.18525	-0.45428	-0.3462	-0.88237	-0.81507	-0.39034	-0.31009	-0.14625
PFD0760c	-0.01367	-0.50595	-0.88935	-0.77229	-0.8057	-1.23176	-1.10363	-0.87575	-0.7137	-0.55208	-0.31696	-0.14315	0.05086	0.37852	0.41905	0.37454	0.04229	0.21448	0.71928	0.55096	0.30725	-0.19717	0.2348	0.67205
PF13 0249	-0.46034	-1.12136	-0.95756	-1.04368	-1.04397	-1.16476	-1.36626	-1.48115	-1.20352	-0.65398	-0.44983	-0.06012	0.06775	0.26477	0.45347	0.75555	0.63224	0.71468						

PF14 0373	-0.40032	-0.54877	-0.82214	-0.51236	-0.69939	-0.82946	-1.0375	-1.02706	-1.24614	-1.18292	-0.90431	-0.8434	-0.12701	0.00502	0.59112	0.83487	0.77689	0.5809	1.10119	0.66836	0.48787	0.11547	0.08418	0.01417
PF11 0439	-0.44732	0.75027	0.85066	1.27259	0.83918	1.24791	1.03366	1.00417	1.16273	0.94155	0.866	0.86431	0.48808	0.27573	0.17826	-0.04899	-0.42426	-0.34244	-0.28327	-0.76029	-0.63947	-0.2173	-0.11785	0.10149
PF13 0251	-0.44397	-0.49805	-0.60551	-0.8444	-1.19876	-1.24152	-1.31599	-1.18566	-0.81233	-0.25548	0.01309	0.17016	0.43744	0.51717	0.57981	0.63006	0.67111	0.54593	0.63676	0.41818	0.27951	0.05811	-0.10449	-0.46578
PFI0220w	-0.61639	-0.33275	-0.05942	0.09049	-0.02802	0.41129	0.49037	0.60535	0.76556	0.7564	1.02106	1.04558	1.00762	0.55512	0.58003	0.61865	-0.10597	0.09936	0.24642	-0.24342	-0.58118	-0.60552	-0.65202	-0.84956
MAL7P1.16	0.3759	0.61438	0.7338	0.64975	0.71855	0.74378	0.76472	0.63041	0.75415	0.67234	0.72377	0.74463	0.7092	0.66057	0.23126	-0.1388	-0.09654	-0.32232	-0.61784	-0.43514	-0.35112	-0.191	-0.08028	-0.12913
PFD0675w	-0.12063	-0.26462	-0.5369	-0.5998	-0.68889	-0.47237	-0.6162	-0.63456	-0.25963	-0.0123	0.19122	0.30077	0.48677	0.58484	0.8266	1.05355	0.67687	0.87881	1.31091	0.92678	0.44987	-0.04788	-0.01367	-0.27281
PCF0770c	-0.20879	-0.39749	-0.34035	-0.60541	-0.70607	-1.04659	-0.72707	-0.64204	-0.1137	-0.23581	-0.00032	0.24189	0.42302	0.60257	0.60912	0.46535	0.41194	0.5936	0.00314	0.08667	-0.06482	-0.20637	-0.41153	-0.65248
PF14 0589	-0.04185	0.24963	0.49233	0.59229	0.61456	0.75942	0.83984	0.86957	1.10237	1.09012	1.0022	1.14878	0.8319	0.55454	0.14364	-0.32141	-0.73827	-0.93686	-1.07029	-1.65896	-1.35986	-0.89048	-0.79314	-0.44424
PFL0790w	0.41475	0.75358	0.72089	0.78445	0.70041	0.51529	0.36326	0.24277	-0.13579	-0.27967	-0.40805	-0.20764	-0.27256	-0.12267	0.02873	0.11434	0.06052	-0.05775	-0.14937	-0.11732	0.0039	0.21192	0.17899	0.26739
PFD1006w	0.3438	0.32496	0.25083	0.179	0.26411	0.31798	0.37587	0.30444	-0.01137	-0.25802	-0.1052	-0.15306	-0.05731	-0.00764	0.10916	0.34137	0.36214	0.61574	0.93123	0.83638	0.8379	0.54316	0.30085	0.26233
PF07 0074	-0.14213	-0.00457	0.04833	-0.06135	-0.29273	-0.28016	-0.12925	0.25521	0.44089	0.43576	0.30452	0.46843	0.44791	0.36512	0.13343	0.08036	-0.19193	-0.00388	-0.04171	-0.04319	3.60E-05	-0.08272	-0.26335	-0.29534
PF07 0122	0.73605	0.81871	0.90997	1.0155	1.0472	1.08793	1.02797	1.28683	1.48414	1.24709	1.22416	1.02153	0.6433	0.13871	-0.12819	-0.46841	-1.30207	-0.80576	-1.06061	-0.83722	-0.43412	-0.00944	0.19451	0.52665
MAL13P1.490	-1.41981	-1.64792	-1.05633	-1.07126	-0.39872	0.98304	2.16869	2.79279	2.5255	2.21363	1.71078	1.43244	0.8749	0.35159	-0.10009	-0.28037	-2.11359	-1.20777	-1.02281	-1.29416	-1.44517	-1.42001	-1.45313	-1.54961
MAL8P1.51	-0.5347	-0.29899	0.00834	0.15341	0.09996	0.69877	0.84725	0.832	0.95278	0.36702	0.52577	0.36473	0.25478	0.3585	0.62004	0.45356	0.17822	0.19663	0.27586	-0.0423	-0.55782	-0.48594	-0.35602	-0.54676
MAL7P1.112	0.65902	0.81522	0.78175	0.74323	0.69068	0.67268	0.64819	0.58997	0.19999	0.11429	0.01193	0.10261	0.08382	0.15751	0.15922	0.17843	0.06689	0.14743	0.29753	0.19472	-0.02378	0.19896	0.27909	0.32121
PF14 0301	-0.22893	-0.26124	-0.32989	-0.05397	0.10849	-0.08684	0.04237	0.57486	0.30377	0.2771	0.53299	0.53214	0.43112	0.24027	0.2034	0.19878	-0.28161	0.02191	-0.17577	-0.39081	-0.57908	-0.38483	-0.4712	-0.38715
PFL0 0238	-0.29705	-0.68675	-0.59321	-0.67615	-0.68385	-0.39965	-0.16615	-0.05677	-0.13035	-0.0917	0.12911	0.29656	0.51804	0.62846	0.77431	0.87714	0.55054	0.42789	0.6811	0.00045	-0.11932	-0.60144	-0.58525	-0.66852
MAL13P1.258	-0.79357	-0.6071	-0.651	-0.33544	-0.21259	-0.26957	-0.24464	-0.31083	0.23253	0.3656	0.53968	0.77306	0.96068	0.7966	0.58955	0.36491	0.42095	-0.20532	-0.138	-0.51588	-0.56393	-0.91407	-0.75395	
PFL2180w	-0.09519	0.18992	0.32504	0.64623	0.61028	0.91398	0.60215	0.80468	0.7484	0.56578	0.77843	0.61829	0.63221	0.41147	0.52365	0.47612	0.21988	0.33625	0.48774	0.01409	-0.01095	0.15535	0.24192	0.33061
PF1645c	-0.83828	-0.55095	-0.30153	0.26725	0.41632	0.84928	0.9543	0.94883	0.97938	0.92763	0.81028	0.67754	0.48477	0.29426	0.20845	0.1026	-0.01917	-0.07418	-0.35473	-0.55152	-0.91471	-0.8545	-0.75759	-0.6187
MAL13P1.495	0.20297	0.21253	0.19216	0.43469	0.59347	0.80443	1.39633	1.64683	1.40715	1.16863	1.15131	0.80857	0.67347	0.48697	0.21912	0.13965	-0.14571	0.04247	-0.21326	-0.32131	-0.56717	-0.43312	-0.64184	-0.63123
PF07 0061	-0.56695	-0.52613	-0.44815	-0.7003	-0.62075	-0.69497	-0.81046	-0.97193	-1.16325	-1.02969	-0.88686	-0.68948	-0.1623	0.2995	0.39365	0.55912	0.80852	0.70398	-0.10739	0.35025	0.30967	0.25678	0.14284	-0.13233
PF11 0389	-0.04639	-0.24552	-0.89515	-0.09478	0.06655	-0.13009	-0.07514	-0.29676	-0.01964	0.15381	0.09211	0.52917	0.44312	0.49237	0.42492	0.33626	0.58023	0.37197	0.24139	0.25439	0.20397	0.40192	0.43315	0.44666
PF14 0668	-0.47187	-0.18346	-0.13062	-0.14296	-0.00066	0.03264	0.26728	0.53297	0.77615	0.92959	0.91302	0.85082	0.65793	0.59349	0.34694	0.05773	-0.12017	-0.17811	-0.52482	-0.36753	-0.4667	-0.44382	-0.50504	-0.39205
PF10 0060	0.35461	0.12061	-0.40807	0.15832	-0.05012	-0.17077	-0.18711	-0.23468	-0.32021	-0.19437	-0.2252	-0.05767	0.02645	0.23123	0.45952	0.54333	0.47939	0.55235	0.65523	0.48868	0.31442	0.00668	-0.06771	-0.16411
PFL0725w	-0.19536	-0.11021	-0.0461	-0.20412	-0.22456	-0.27032	-0.48847	-0.62435	-0.954	-0.91952	-0.92482	-1.13866	-0.69706	-0.64454	0.15713	0.39988	0.69746	0.46378	0.92921	0.64057	0.54249	0.32562	0.27416	0.22944
PF14 0698	0.21792	0.93296	0.768	0.99199	0.98906	0.97572	1.398	1.23259	1.21142	1.04432	0.83089	0.76116	0.63856	0.43286	0.13949	0.03862	0.02877	-0.15435	-0.33502	-0.4103	-0.29123	-0.29683	-0.19482	-0.07253
PF14 0577	-0.52778	-0.87513	-1.5446	-0.82601	-0.84965	-0.95494	-0.77907	-0.83585	-0.46763	-0.00169	-0.0769	0.16827	0.50343	0.86186	0.6141	0.55439	0.56425	0.61591	-0.23619	0.26401	0.23312	0.12473	0.02493	-0.1322
PF14 0215	-0.13643	-0.33516	-0.52377	-0.6798	-0.6242	-0.68262	-0.86202	-0.93872	-1.09736	-1.1004	-0.73581	-0.50685	-0.18438	0.05472	0.54079	0.79836	0.42915	0.78003	0.83323	0.32992	0.06567	-0.10182	-0.26356	
PF13 0263	0.43807	0.75977	0.7804	0.85168	0.80145	0.39486	0.40256	0.71759	0.34038	0.46997	0.63996	0.45585	0.25389	0.13958	0.22656	-0.07947	-0.50473	-0.5295	-0.71815	-0.70763	-0.39152	-0.2621	-0.09084	0.30144
PFE1070c	0.32399	0.70739	1.09092	0.86401	0.83776	0.89994	0.95124	0.60118	0.40138	0.24537	0.07869	-0.16698	-0.20609	-0.15061	-0.18759	-0.41877	-0.36238	-0.69421	-0.92348	-0.71703	-0.56118	-0.15503	0.19238	0.28646
MAL13P1.298	0.76179	0.76668	0.39594	0.86455	0.78712	0.63151	0.4961	0.25633	0.01167	-0.22626	-0.50018	-0.63108	-0.42876	-0.13981	-0.08437	0.09019	0.23269	0.18963	0.36432	0.42854	0.53075	0.58607	0.55601	0.5477
PCF0920w	0	-0.3135	-0.62219	-0.92314	-1.65511	-1.31119	-1.53557	-1.67478	-1.92511	-1.83999	-1.64596	-1.34173	-1.14558	-0.76222	0.22763	0.13209	0.19952	0.77214	0.80417	0.63009	0.489	1.07771	-0.22069	
MAL8P1.57	0.56152	0.71874	0.63693	0.79637	0.78681	0.6037	0.58687	0.67761	0.11237	-0.12331	-0.1606	-0.3003	-0.44001	-0.52949	-0.49506	-0.37639	-0.04637	-0.40873	0.02648	-0.12029	0.16152	0.28555	0.48532	0.57959
MAL13P1.121	-0.57651	-1.17596	-2.28536	-1.63539	-1.54081	-1.91765	-1.90235	-1.83138	-1.75001	-1.14697	-0.58359	-0.08851	0.36315	0.7902	0.98461	1.05852	0.58917	0.72798	0.55259	0.17053	-0.17818	-0.47571	-0.80294	-0.74115
PF13 0266	0.2354	0.25819	0.10899	0.28026	0.21973	0.35128	0.20479	0.40333	-0.14528	-0.02443	0.15377	0.14416	0.11382	0.00458	0.38079	0.48728	0.78172	0.43967	0.91368	0.62922	0.73093	0.26408	0.5608	0.53213
PF11 0319	-0.6356	-0.80366	-0.40952	-0.67178	-0.64928	-0.48325	0.03891	0.52641	1.26341	1.27756	1.14606	1.14054	0.94326	0.76214	0.45442	0.16535	0.02354	-0.08063	-0.32072	-0.33343	-0.46818	-0.40598	-0.43755	-0.33746
PF08 0082	0.22279	-0.11677	-0.25252	-0.41113	-0.6139	-0.82822	-0.96456	-1.34123	-1.9267	-1.93935	-2.00358	-2.15397	-2.04051	-1.63083	-0.53986	0.42318	1.09614	0.68616	1.40899	1.22579	1.30331	0.85781	0.91808	0.35226
MAL13P1.194	-0.82361	-1.06396	-1.03459	-1.48509	-1.7142	-1.77555	-1.5531	-1.48811	-0.92205	-0.57805	-0.31556	0.01216	0.22168	0.45019	0.78772	0.88651	0.64006	0.70433	0.55976	0.28536	-0.0229	-0.58909	-0.73735	-1.09515
PFE1320w	0.47372	0.74889	0.52294	0.82353	0.84743	0.83627	0.72762	0.52903	0.45355	0.53556	0.43955	0.29566	0.28625	0.27566	0.09152	-0.22291	-0.23225	-0.40007	-0.63096	-0.67471	-0.50392	-0.13935	-0.12157	0.12791
PF11 0455	-0.46415	-0.83982	-0.42601	-0.2439	-0.11964	-0.14118	-0.18271	0.64791	1.06417	0.9311	0.94051	0.82357	0.72542	0.47185	0.34105	0.21256	-0.05465	0.02173	0.32334	-0.13708	-0.0005			

PFB0410c	0.83113	1.09461	0.65576	1.03435	0.9878	1.05972	0.80672	0.54111	0.16666	0.05581	0.09545	0.13395	0.11865	0.18381	0.24916	0.36536	0.03545	0.13857	0.30475	0.07786	-0.03499	0.11797	0.29792	0.43606
PFL0445w	-0.90375	-1.20179	-0.84746	-1.01743	-0.89991	-0.83305	-0.78724	-0.46967	-0.15389	0.08284	0.24598	0.37922	0.3906	0.56158	0.55524	0.36724	0.25849	0.25242	0.01338	-0.20898	-0.31661	-0.44941	-0.58286	
PFD0600c	-0.2675	0.36132	0.09973	0.71728	0.18728	0.34056	0.24659	0.50611	0.51167	0.57736	0.77032	0.76678	0.69836	0.55303	0.75883	0.70414	0.15202	0.45592	0.34167	-0.20876	-0.43123	-0.70441	-0.78387	-0.58546
PF14_0053	-0.82884	-0.95177	-1.27342	-1.13765	-1.21035	-1.77767	-1.7905	-1.48366	-0.97399	-0.18098	0.51942	0.49217	0.65557	0.62902	0.87243	0.72136	0.14112	0.04903	0.13931	-0.28215	-0.43248	-0.71151	-0.72002	-0.93596
PFC0395w	-0.11559	0.55501	0.24993	0.4391	0.61598	0.80218	0.72129	0.85095	-0.06152	0.40709	0.70898	0.49249	0.26129	0.36886	0.02567	-0.06777	-0.53676	-0.64212	-0.46313	-0.74383	-0.80202	-0.49968	-0.22261	-0.48002
PF14_0630	-0.533	-0.7885	-1.02454	-1.18538	-1.27209	-1.14965	-1.30584	-1.22955	-0.72401	-0.31289	-0.02009	0.05524	0.36595	0.43074	0.74816	0.78383	0.51846	0.86527	0.32212	0.21359	-0.03318	-0.19732	-0.46314	
PFF0830w	0.82983	0.44353	0.6679	0.75278	0.70674	0.69052	0.50027	0.3333	0.67324	0.62487	0.41299	0.39323	0.30883	0.22222	0.30278	-0.30521	-0.22705	-0.50518	0.44751	0.0789	0.36472	0.66291	0.79937	0.71806
PFC0925w	-0.17108	0.01165	0.04785	0.04984	0.1023	0.2087	0.38707	0.30872	0.41444	0.25846	0.21578	0.33766	0.4273	0.39256	0.11358	-0.22403	-0.13103	-0.05061	-0.49638	-0.32394	-0.11728	-0.21306	-0.20093	0.04829
PF14_0482	0.18808	0.47739	0.35628	0.50577	0.47998	0.24418	0.31416	0.43434	0.3131	0.39715	0.39241	0.41767	0.29464	0.20619	0.19404	-0.06692	-0.02406	-0.0732	-0.56427	-0.3223	-0.15564	-0.02521	-0.02351	0.09455
PFF0715c	-0.17624	-0.24629	-0.27218	-0.21895	-0.11353	0.0368	0.30377	0.52212	0.64234	0.73128	0.93766	0.71896	0.7407	0.44976	0.44614	0.23466	0.15976	0.03752	0.1211	-0.02968	-0.01054	-0.34363	-0.12727	-0.30085
PF10_0298	-0.41197	-0.233	-0.02872	-0.0482	-0.02414	-0.01535	-0.09896	0.16874	0.27191	0.39815	0.49492	0.6582	0.48876	0.41513	0.55414	0.52557	0.07026	0.11597	0.58102	0.02074	-0.18844	-0.45148	-0.30742	-0.40119
PFL1730c	0.36582	0.09427	0.82693	0.26686	0.37386	0.72682	0.38153	0.13496	0.41554	0.65714	0.73525	0.80413	0.7932	0.68007	0.43519	0.25058	-0.18004	0.00576	-0.19291	-0.35014	-0.30274	-0.26765	-0.2795	-0.16519
PF10_0377	0.31137	0.49642	0.16209	0.63168	0.92783	0.7723	0.67966	0.70892	0.62494	0.58302	0.53938	0.41219	0.36991	0.26798	0.21527	0.00971	0.07082	0.03987	0.12451	0.32769	0.39903	0.33493	-0.00589	0.7941
PFL1170w	0.15846	0.26429	0.64341	0.3859	0.41687	0.08635	0.16401	-0.28071	-0.25522	0.13432	-0.14859	0.13075	0.09495	0.32311	-0.02378	-0.14321	-0.37486	-0.57871	-1.64671	-0.92156	-0.77206	-0.58148	-0.36706	-0.15786
PFE1260c	1.41109	0.69203	-0.08164	-0.01628	-0.32645	-0.58453	-0.88219	-1.37773	-1.44873	-1.57625	-1.60708	-1.47383	-1.70805	-1.58379	-1.7115	-1.67867	-1.1354	-0.3419	1.36305	1.20487	1.47267	1.42514	1.56505	1.66572
PFI0415c	0.89685	1.51193	1.33382	1.27504	0.76369	1.42002	1.24709	1.44276	1.50136	0.82975	1.10838	0.98825	0.47151	0.37738	0.37529	0.09671	-0.75249	-0.40045	-0.5016	-0.8817	-0.64372	-0.08913	0.15736	0.27173
PFF13_0124	0.35404	0.20026	-0.06509	0.26853	0.55513	0.59651	0.4714	0.60518	0.50537	0.3546	0.51288	0.27892	0.25793	-0.01912	-0.16921	-0.31943	-0.68848	-0.51952	-0.11824	-0.37451	-0.28289	0	0.25602	0.48864
PF14_0044	2.13012	1.1245	0.06157	0.84703	0.9632	0.26179	-0.16542	-0.28083	-0.96561	-1.11419	-1.07953	-1.05384	-1.26411	-1.37065	-1.47572	-1.13738	-2.35576	0.72982	1.61406	1.42092	1.53469	1.33914	1.68832	2.19534
PF10_0024	2.13767	2.4113	2.11377	1.93815	1.61915	1.19426	0.53465	-0.32988	-0.9677	-0.97114	-0.86547	-0.89695	-0.65305	-0.71258	-0.54157	-0.81407	-0.6219	-0.97914	-0.7276	-0.50134	0.19522	1.05232	1.39832	1.4458
PFC10_API0028	-0.18682	-0.88758	-0.74587	-1.25978	-1.26278	-1.30482	-1.46369	-1.12839	-1.08606	-1.0992	-1.13534	-0.70605	-0.68102	-0.2524	-0.19118	0.44601	0.84754	1.30152	0.1526	0.38547	0.18936	0.94595	0.34459	-0.01106
PF10_0270	0.02618	0.39653	1.10981	0.9493	0.9467	0.85324	0.45665	1.16768	1.01056	0.82368	0.77303	0.85203	0.65734	0.44285	0.22854	0.08709	-0.26573	-0.30627	-0.22686	-0.33173	-0.31393	-0.34522	-0.22967	-0.09346
PFE0690c	-0.90877	-1.35874	-0.84676	-1.3596	-1.60265	-1.41916	-1.42965	-1.22066	-0.60849	-0.02071	0.38987	0.63704	0.85406	0.761	0.97879	0.78833	0.45442	0.31689	0.05824	-0.36402	-0.70595	-0.89113	-0.90702	-1.01387
PFB0210c	0.04644	-0.12567	-0.14091	0.03602	0.20199	0.41616	0.27439	0.60522	0.40444	0.34911	0.40463	0.43325	0.31388	0.19353	-0.05356	-0.07832	-0.28631	-0.35147	-0.19851	-0.48714	-0.44095	-0.21806	-0.15915	0.11546
PFI1300w	-0.34287	-0.33309	-0.34224	-0.42993	-0.59506	-0.46883	-0.25303	0.45345	0.80028	0.78215	0.766	1.1188	0.61254	0.55021	0.486	0.37144	-0.06057	0.32377	0.37483	0.13942	-0.18989	-0.05445	-0.09418	-0.33689
PFI1075w	0.01211	0.47227	0.3553	0.42931	0.43398	0.45979	0.42384	0.5076	0.52117	0.52286	0.59756	0.58527	0.3678	0.14094	0.15644	-0.23116	-0.67196	-0.5707	-1.06889	-0.86496	-0.60962	-0.59079	-0.38907	-0.16664
PF13_0232	-0.22319	-0.02444	0.00232	0.24255	0.14638	0.11947	0.17718	0.39371	0.57881	0.55384	0.79406	1.05327	1.05859	0.93298	0.9524	0.64957	0.02259	-0.0028	-0.29055	-0.63211	-0.68465	-0.39871	-0.44107	-0.24228
PFI0480w	0.42241	0.55523	0.798	0.7131	0.6382	0.5876	0.34504	0.23857	0.19279	0.30252	0.47302	0.37301	0.51271	0.29343	0.25781	0.13237	0.04045	-0.20811	-0.23323	-0.50486	-0.19795	-0.04002	0.02267	0.13966
PF14_0013	1.5577	1.89382	1.93923	1.94899	1.74233	1.16136	0.63681	0.11046	-0.68715	-1.35384	-1.66318	-2.3747	-2.715	-3.3247	-3.76471	-3.68265	-3.49301	-1.40939	-0.50753	0.25147	0.44136	1.11311	1.50176	
MAL13P1.213	0.45776	0.66085	0.54203	0.60417	0.68503	0.72755	0.54052	0.78591	0.56898	0.36095	0.57328	0.40365	0.22103	-0.2604	-0.15085	-0.28742	-0.38394	-0.68687	-0.06932	-0.44392	-0.23559	-0.04671	0.17316	0.667
PF14_0076	1.21456	1.3615	1.40404	1.51786	1.47533	1.18033	0.94118	0.63092	0.63738	0.46987	0.26113	0.04401	-0.35717	-0.75203	-1.2132	-1.5019	-1.94825	-2.07974	-1.86963	-1.44691	-0.40322	0.57212	0.60924	0.73158
PFD0350w	0.49597	0.56383	0.69671	0.32548	0.26157	0.35721	0.30048	0.39489	0.58799	0.68332	0.47868	0.50376	0.56907	0.41309	0.49535	0.33282	0.10869	0.22799	-0.00741	-0.07487	-0.18651	-0.07738	0.02117	0.2653
PF14_0132	-0.77769	-1.01128	-0.87745	-1.02503	-1.20531	-1.0462	-1.27319	-1.14594	-0.64438	-0.10719	0.22124	0.35022	0.63735	0.8147	0.93249	0.73952	0.89982	0.63347	0.34861	0.28542	-0.12267	-0.55163	-0.5754	-0.57949
PF11_0370	-0.46479	-0.6018	-0.67131	-0.76998	-0.55794	-0.61806	-0.85544	-1.0591	-1.58552	-1.48355	-0.96014	-0.67631	-0.03558	0.19091	0.69593	0.81343	0.54796	0.55533	0.61045	0.34064	0.02793	-0.41151	-0.64431	-0.78637
PFO8_0025	0.404	0.56991	0.45933	0.40634	0.35975	0.01822	0.12424	0.10632	-0.05774	-0.00058	0.10231	0.13356	0.35362	0.22773	0.39802	0.23128	-0.01996	0.11942	-0.24663	-0.0022	0.02343	-0.06733	0.23303	0.40572
PF07_0066	0.22144	0.35177	0.61066	0.52893	0.44876	0.48646	0.46825	0.40086	0.66286	0.59206	0.67208	0.82818	0.81719	0.7779	0.43966	0.03994	-0.30754	-0.35086	-0.92134	-0.83245	-0.65366	-0.21313	-0.26002	0.03263
PFC0630w	-0.3869	-0.19962	-0.38947	-0.53752	-0.44832	-0.62661	-0.6626	-0.48895	-0.21928	0.14264	0.45061	0.67246	0.97592	0.69938	0.78347	0.62605	0.16314	0.4893	0.3328	0.04268	0.02091	-0.13436	-0.14658	-0.05266
PFE0160c	-0.46539	0.08624	0.33918	0.18804	0.19435	0.29226	0.41658	0.2828	0.58318	0.56299	0.46994	0.64933	0.3246	0.11731	-0.12551	-0.44403	-0.59592	-0.75902	-1.09912	-1.0289	-1.14182	-0.60085	-0.53102	-0.53907
MAL13P1.239	-0.75411	-0.94391	-0.93642	-0.99307	-1.05915	-1.08545	-1.14279	-0.92284	-0.10385	0.3156	0.42357	0.6622	0.74001	0.92373	0.63064	0.43464	0.43925	0.29421	-0.09605	-0.26043	-0.35203	-0.37474	-0.61126	-0.70168
PF14_0538	-1.02051	-0.82748	-0.9323	-1.18145	-1.24712	-1.27945	-1.18731	-1.15496	-0.74919	-0.28184	0.16715	0.43956	0.70939	0.85015	0.77702	0.51747	0.65964	0.1507	-0.31843	-0.26564	-0.41067	-0.4903	-0.76631	-1.00059
PFC0130c	1.11267	1.09067	0.84215	1.16771	1.319	0.92276	0.93082	1.25462	0.85926	0.8572	0.76315	0.61215	0.12605	-0.19662	-0.45262	-0.43969	-0.60146	-0.26389	0.33779	0.40965	0.48255	0.32353	0.69836	0.97115
PFD0780w	-0.27814	-0.54351	-0.52657	-0.62436	-0.43318	-0.20331	-0.05365	-0.10407	-0.16118	-0.19603	-0.0324	0.24256	0.27651	0.48396	0.64344	0.58552	0.36045	0.65317	0.32426	0.33857	0.06284	0.02522	-0.14068	-

PF14 0740	-0.92982	-1.11764	-0.67714	-0.53855	0.22629	1.37012	2.37957	2.13722	1.55594	1.2073	0.62473	-0.24941	-1.00888	-1.74393	-1.83447	-2.39547	-0.37523	-1.80895	-1.07319	-2.00954	-1.64478	-1.30847	-1.16239	-0.75214
PF13 0062	-0.61688	-0.44714	-0.10415	0.11353	0.21587	0.25993	0.33874	0.39863	0.20413	0.24067	0.29252	0.29153	0.31959	0.29416	0.26411	0.13003	-0.02024	-0.22003	-0.36804	-0.58507	-0.7023	-0.63816	-0.51536	
PF11390w	0.0905	0.47407	0.53962	0.27176	0.8164	0.86978	0.80848	0.70858	0.73948	0.69766	0.74866	0.52656	0.46221	0.20643	0.30224	0.15635	-0.08861	-0.34113	0.29169	-0.17377	-0.13452	-0.24593	0.06812	0.43628
PFF1405c	-0.30556	-0.39876	-0.51424	-0.72544	-0.53645	-0.39414	-0.03192	0.75158	0.63564	0.8814	0.90784	0.76837	0.73562	0.54874	0.48219	0.35231	0.01269	-0.00604	-0.08506	-0.22842	-0.41086	-0.73964	-0.74269	-0.5214
PFD0200c	0.18379	0.14431	-0.09012	0.05403	0.01611	0.1512	0.31956	0.11212	0.20362	0.14645	-0.09142	0.05149	-0.08271	-0.03566	0.30599	0.5737	0.55804	0.55486	0.34591	0.41374	0.3004	0.36721	0.17797	0.09378
MAL7P1.138	0.18992	0.35796	0.56829	0.55776	0.39587	0.42172	0.36763	0.31102	0.46725	0.37501	0.37222	0.31398	0.38594	0.37987	0.39557	0.26016	0.38835	0.26501	0.12184	0.13118	-0.06617	0.07486	-0.03391	0.00417
MAL13P1.390	-0.7933	-0.09428	0.14896	-0.80583	-0.39376	-0.34466	-0.83564	-0.07448	0.35502	0.44525	0.71591	0.79629	0.8455	0.66939	0.49561	0.29814	0.06855	-0.11825	-0.12368	-0.39679	-0.49742	-0.07503	-0.56756	-0.11324
PFB0115w	-0.46553	-0.54208	-0.70591	0.17809	0.64089	0.78702	0.77099	0.48627	0.56462	0.3159	-0.16568	0.04407	0.19597	0.61837	0.41475	0.38021	0.6205	0.77555	-0.36431	0.36991	0.04471	-0.08032	-0.24396	-0.37442
PF14 0530	0.3977	-0.11884	-0.64554	-0.71244	-0.96357	-1.07531	-1.11405	-1.25957	-1.17034	-1.15982	-1.01416	-0.81811	-0.76722	-0.57905	-0.10722	0.54575	0.80322	0.74427	1.13785	1.18438	1.09026	0.53575	0.24085	-0.23909
PFF08 0132	-1.39343	-1.91912	-1.60492	-2.01221	-1.67489	-0.46398	0.22752	0.39041	0.72436	0.70864	0.73132	0.79977	0.80902	0.76423	0.66246	0.15923	-0.00388	-0.41366	-0.83118	-1.30298	-1.5288	-1.27992	-1.50526	-1.53128
PFF0225w	-0.11528	-0.23843	-0.94495	0.15051	0.00302	-0.07603	0.4045	0.56984	0.97183	0.89705	0.78814	0.85043	0.70242	0.67546	0.46148	0.2029	0.12347	-0.06404	-0.17694	-0.33261	-0.38226	-0.18646	-0.16818	-0.16463
PF13 0227	-0.53555	-0.27063	0.01022	-0.1514	0.04497	0.31144	0.34122	0.52204	0.47736	0.40606	0.47253	0.46472	0.46016	0.13863	0.32998	0.2128	-0.10985	-0.12386	-0.03569	-0.48315	-0.60073	-0.64288	-0.44582	-0.42582
PFL2125c	0.57742	0.74002	0.81079	0.95668	1.1093	1.09772	0.97798	0.94106	0.90538	0.70675	0.67769	0.71964	0.56286	0.42418	0.14105	-0.06025	-0.16217	-0.15003	-0.35629	-0.50838	-0.54089	-0.2736	-0.03179	0.13101
PF08 0016	0.62008	0.77711	0.95302	0.84232	0.62095	0.73066	0.53233	0.65244	0.68259	0.60162	0.60711	0.50343	0.53802	0.27768	0.06289	-0.18286	-0.19292	-0.47983	-0.51855	-0.75202	-0.59579	0.03205	-0.0904	0.3575
MAL7P1.137	1.25308	0.39587	-0.12669	-0.40193	-0.8001	-1.0889	-1.26958	-1.39819	-1.69117	-1.63961	-1.51596	-1.27985	-1.01724	-1.18164	-0.83781	-0.86222	-0.62168	-0.19319	0.87358	0.80355	0.88428	1.32329	1.09946	0.93715
PF08 0121	0.58754	0.99984	1.28706	1.16556	1.00998	1.06033	0.83521	0.76563	0.48635	0.32057	0.50698	0.5432	0.48849	0.24041	0.42017	0.03851	-0.66406	-0.57301	-0.57593	-0.99903	-0.82571	-0.36811	-0.18609	0.16307
PFI0645w	-1.1556	-0.29462	-0.0944	-0.11924	-0.15944	0.05363	0.01517	0.18719	-0.15554	0.43738	0.57363	0.41363	0.50214	0.28848	0.3547	0.15316	-0.42626	-0.63924	-1.08853	-1.66576	-1.79157	-1.40152	-1.53038	-1.24436
PF11 0174	0.51198	0.53007	0.11091	-0.01083	0.03187	-0.03173	0.21219	0.48851	0.34123	0.39471	0.4394	-0.00156	0.03299	-0.25957	-0.43716	-0.84912	-1.2433	-1.02478	-0.48522	-0.62045	-0.21876	-0.15156	-0.02718	-0.13314
MAL7P1.13	-0.57271	-0.81092	-0.73157	-1.44022	-1.4865	-1.75122	-1.86766	-1.6527	-1.76463	-1.84533	-1.43828	-1.34156	-0.93657	-0.83944	-0.08323	0.43931	0.95328	0.70338	0.72649	0.48944	0.55017	0.22494	-0.14203	-0.47053
PFF0610c	0.25656	-0.22288	-0.37062	-0.56169	-0.68404	-0.80732	-0.79299	-0.84683	-0.77809	-0.97122	-1.07149	-1.1049	-1.17187	-1.00619	-0.62621	-0.13806	0.15888	0.59048	0.70566	0.79179	0.60843	0.38024	0.59127	0.52034
PFF0270c	-0.05202	0.1221	0.06359	-0.44708	-0.54738	-0.78908	-0.82112	-0.47656	-0.41375	-0.31181	-0.14212	-0.16429	0.22143	0.34701	0.56425	0.55502	0.72855	0.84738	0.56805	0.62871	0.3871	-0.07522	-0.19261	-0.42215
PFE1325w	-0.43941	-0.25439	-0.06013	-0.28939	-0.07321	0.04211	0.00827	-0.16835	0.43459	0.64509	0.68964	0.81577	0.78375	0.81529	0.45813	0.34248	0.28684	0.11516	-0.29985	-0.02112	-0.12066	0.09955	-0.02861	-0.13212
PF10 0334	-0.63502	-0.86086	-0.7645	-1.0123	-1.04375	-1.06843	-1.08973	-0.71344	0.02801	0.26342	0.50008	0.5232	0.69757	0.49905	0.60862	0.52264	0.43354	0.31228	0.62364	0.18734	0.00643	-0.26344	-0.38018	-0.41911
PFL2225w	1.22597	0.57101	-0.69075	-1.15551	-1.84694	-2.15049	-2.79106	-3.03225	-2.99524	-3.57771	-3.33024	-3.4012	-3.46722	-3.74357	-2.96296	-1.95331	-1.28066	0.08919	0.99128	1.38494	1.00638	0.82503	1.34851	1.00322
PF14 0261	-0.3475	0.30645	0.55774	0.60566	0.7713	0.58509	0.37848	0.3712	0.35117	0.49177	0.47458	0.60565	0.46963	0.2275	0.02576	-0.29494	-0.77451	-0.71518	-1.1834	-1.57543	-1.5417	-1.08337	-0.98042	-0.61156
PF14 0175	0.48341	0.34002	0.80627	0.56778	0.45843	0.61463	0.65	0.1838	0.48136	0.47215	-0.0184	-0.03399	0.11407	0.44944	-0.00219	-0.18143	0.12157	-0.02976	-0.70906	0.07205	0.06642	0.22802	0.23598	0.34524
PF1295c	-0.40939	-0.36237	-0.08701	0.01267	-0.11388	-0.08013	-0.32204	-0.5825	-0.87089	-1.21881	-0.5309	-0.37454	-0.13866	0.44547	0.84465	0.88227	0.45831	0.66301	0.46403	0.16393	-0.39051	-0.26844	-0.56705	-0.32783
PFE0550w	0.32291	0.62982	0.67174	1.28038	1.42406	1.43333	1.33006	1.23391	0.87008	0.51781	0.42654	0.31	0.0477	-0.12869	-0.08162	-0.0947	-0.05828	0.28448	0.57114	0.46742	0.39595	0.40737	0.62191	0.67091
PFE0520c	-0.37613	-0.53794	-0.37641	-0.48654	-0.41276	-0.30163	-0.14196	-0.07156	0.05156	-0.02086	-0.06918	0.11418	0.17366	0.38104	0.48762	0.41602	0.38137	0.48064	-0.16187	0.00979	-0.00107	-0.25933	-0.32997	-0.21921
PFL1480w	0.06467	0.13357	0.05593	0.23615	0.27546	0.15691	-0.09134	-0.05217	-0.33994	-0.26409	-0.13153	-0.08945	0.08366	-0.00787	0.18722	0.22217	-0.35191	-0.09368	-0.03165	-0.14727	0.01909	-0.02517	0.06267	0.00274
PF13 0361	-0.9273	-0.87303	-0.54353	-0.96466	-0.76632	-0.51781	-0.52134	-0.21257	-0.11762	0.01663	-0.0113	0.1772	0.52301	0.6715	0.76547	0.50744	0.43855	0.27496	-0.2446	-0.15432	-0.49219	-0.5768	-0.67493	-0.59167
PF10 0248	0.76432	0.13875	-0.28936	-0.39195	-0.52955	-0.91424	-1.02612	-1.20515	-1.48776	-1.44649	-1.47204	-1.45508	-1.40867	-1.1865	-0.74255	-0.14139	0.76911	0.97777	1.11666	1.40706	1.26102	0.85496	0.81707	0.264
PF14 0028	-0.07166	0.403	0.79239	0.82779	0.77635	0.92638	0.78401	0.86956	0.8328	0.77338	0.81438	0.6968	0.58669	0.22898	0.13981	-0.04996	-0.2252	-0.22902	-0.4588	-0.55926	-0.55337	-0.32507	-0.34216	-0.16054
PFE0815w	0.43892	0.75411	0.6078	1.04952	1.29148	1.12886	1.08938	1.38821	0.97887	0.90486	0.86593	0.60475	0.29064	0.03603	-0.07254	-0.1618	-0.5465	-0.17814	0.01253	-0.01673	0.02543	0.06994	0.00519	0.03802
PF13 0101	-0.69353	-0.65774	-0.03877	-0.06385	0.38168	0.78941	1.05571	1.07943	1.30407	1.05642	0.78325	0.61764	0.56743	0.54036	0.22567	0.07152	0.20534	-0.05436	-0.35049	-0.15567	-0.25775	-0.28652	-0.22877	-0.21029
MAL8P1.11	0.0729	-0.13003	0.03347	0.05597	0.11211	0.20066	0.32076	0.09877	0.27534	0.35198	0.24283	0.26856	0.34597	0.32542	0.43787	0.30231	0.42538	0.32399	0.20939	0.2386	0.25463	0.12528	0.04006	-0.01425
PFC10 API0018	-0.22717	-0.40914	-1.03574	-1.33558	-1.15119	-1.56439	-1.79341	-1.14837	-1.72893	-1.63112	-1.59806	-1.38163	-1.09759	-0.60098	0.61067	0.66122	0.65444	0.83147	0.16267	0	0.14826	0.45325	-0.43026	-0.61392
PF14 0209	-0.00255	0.19017	0.75934	0.52655	0.58592	0.84304	0.87292	0.7157	1.01939	0.89649	1.01424	1.14076	0.87208	0.6388	0.33259	0.08408	-0.4028	-0.14201	-0.62496	-0.9171	-0.94891	-0.70424	-0.47858	-0.37159
PF13 0248	0.53023	0.61694	0.40921	0.8746	0.94803	0.83077	0.77215	0.49943	-0.08559	-0.00038	0.09863	-0.11847	-0.00514	-0.1689	-0.18236	-0.12261	-0.11047	0.18697	0.81185	0.68234	1.03057	0.88795	1.14631	1.15904
PFL0960w	-0.61254	-0.32589	0.01932	-0.2342	0.09499	0.40929	0.47755	0.75777	0.52813	0.47667	0.59115	0.70924	0.61264	0.30811	0.46861	0.43286	-0.07781	0.13296	0.34941	-0.18274	-0.39871	-0.53889	-0.46916	-0.36122
MAL13P1.326	0.75834	1.07391	1.39841	1.63582	1.55663	1.77154	1.39207	1.14681	1.28153	1.0134	0.85986	0.92722	0.9969	0.90469	0.64969	0.56971	0.28748	0.12118	-0.14853					

PF13 0047	-0.71082	-0.74744	-0.9697	-0.96631	-1.01752	-1.14116	-0.83151	-0.76364	-0.51404	0.17813	0.00402	0.24302	0.1902	0.48189	0.37524	0.30599	0.56913	0.44547	-0.16769	0.11624	0.07417	-0.29782	-0.33209	-0.43442
PFF0220w	0.28363	0.39892	0.29044	0.18541	0.15792	-0.23296	-0.14506	0.00508	-0.20673	-0.12521	-0.25375	-0.11103	0.00883	0.24778	-0.27716	-0.18885	-0.03838	-0.13141	-1.15557	-0.34804	-0.18457	0.02418	-0.08818	-0.01596
PFL1565w	-0.14219	-0.10772	-0.03187	0.01311	0.48501	0.95295	1.04428	1.26825	1.38822	1.31727	1.35843	1.11329	0.83865	0.30047	0.05488	-0.17718	-0.37388	-0.34881	-0.37581	-0.31115	-0.27248	-0.21967	-0.13953	-0.10177
PFL0205w	-0.27134	-0.03297	-0.15535	-0.13838	0.22025	0.06391	0.02853	0.31068	0.40827	0.5496	0.45407	0.543	0.38947	0.28666	0.19165	0.14311	0.01076	0.30097	0.13383	0.43613	0.24543	0.63771	0.48839	0.60645
PF14 0547	0.45681	0.60215	0.49462	0.72744	0.89529	0.4145	0.19876	0.22031	-0.01062	-0.16847	-0.17329	-0.06553	0.1618	0.46212	0.54934	0.51236	0.45649	0.49029	-0.03171	0.36529	0.15734	-0.15015	-0.24439	-0.37972
MAL8P1.136	-0.26296	-0.13314	-0.47772	0.22198	-0.29874	-0.59288	0.24592	0.3082	0.07786	0.08466	0.05959	-0.21624	-0.36308	-0.49308	-0.79067	-1.92066	-1.21222	-1.0593	-1.37479	-1.54078	-1.37988	-1.17697	-0.95045	
PFL1565w	-0.35822	-1.10038	-1.37718	-1.86445	-2.38523	-2.71432	-2.77048	-3.09985	-3.19647	-3.01264	-2.6964	-1.89666	-1.60882	-1.16999	-0.21098	0.0888	0.25119	0.27861	1.27734	1.21116	0.34132	0.2819	0.56524	0.4385
PFE0905w	-1.06231	-0.97395	-0.70419	-0.75322	-0.41894	0.18417	0.4827	0.59729	0.88774	0.86032	0.80433	0.79971	0.72346	0.65419	0.40126	0.19525	0.18417	0.09825	-0.19313	-0.23075	-0.21143	-0.621	-0.68045	-0.70099
PF11 0304	0.2877	0.0372	-0.85206	-0.59675	-0.99812	-1.30934	-1.55119	-1.85689	-1.99476	-2.25826	-2.29478	-2.52043	-2.27258	-1.68186	-0.55323	0.42759	1.22683	0.93155	1.35002	1.38764	1.37777	1.016	0.83966	0.13875
PFE0110w	-0.0829	0.05816	0.22435	0.22997	0.16409	0.37439	0.42826	0.47625	0.42678	0.41823	0.50904	0.45079	0.33945	0.18096	0.22572	0.21791	-0.04539	0.19776	0.17734	-0.13508	-0.40469	-0.36288	-0.42729	-0.353
PF10 0406	0.71375	1.27961	1.57899	0.26228	0.39244	0.38849	0.51376	0.19616	0.80726	0.74852	0.52643	0.71509	0.58295	0.49918	0.33228	0.30944	-0.07128	0.01079	-0.2878	0.07498	-0.08666	-0.45268	0.09875	0.10613
PF14 0323	-1.16901	-0.8116	-0.68476	-1.10527	-1.2834	-1.05543	-1.13583	-1.01267	-1.07463	-1.18285	-0.60007	-0.25218	-0.0679	-0.11627	0.46125	0.86819	0.36128	0.66084	0.537	-0.13993	-0.34485	-0.62489	-0.97508	-1.20797
PFB0355c	-0.8013	-0.30936	0.60309	-0.41548	-0.4893	-0.62325	-0.63379	-0.86086	-0.70884	-0.66768	-0.61296	-0.36671	0.12525	0.15672	0.63494	0.78961	0.78103	0.61164	0.52166	0.37285	0.09837	-0.03024	-0.37087	-0.27582
PF14 0652	0.73565	-0.04738	-0.09579	-0.51237	-0.87607	-1.0769	-1.47075	-1.70145	-2.05931	-2.63182	-2.70893	-2.90453	-2.91127	-3.14203	-2.57748	-1.96136	-0.29697	0.21939	1.51847	1.22854	1.15788	1.01026	1.30632	1.05531
MAL13P1.137	-0.60617	-0.72596	-0.76284	-0.99631	-1.14276	-1.24137	-1.43535	-1.52702	-1.93347	-1.90323	-1.69748	-1.48922	-0.75208	-0.06538	0.43004	0.74161	1.20737	0.91199	0.35376	0.82494	0.67162	0.34065	-0.03605	-0.49337
MAL13P1.155	0.05836	0.48114	0.53573	0.69395	0.75141	0.77421	0.7635	0.86228	0.77816	0.85921	0.89648	0.65909	0.43896	0.38032	0.07367	-0.29755	-0.43647	-0.69632	-1.06322	-0.97221	-0.81673	-0.53464	-0.31372	0.06106
PFC0865w	0.40773	0.93363	0.86076	0.88605	0.86124	1.01244	0.86464	0.79829	0.86658	0.82402	0.83231	1.09528	0.88088	0.86148	0.7263	0.51303	-0.07336	0.28761	-0.20799	-0.34158	-0.39844	-0.06947	0.05854	0.30823
MAL7P1.32	-0.50152	-0.03524	0.37358	0.28848	0.56732	0.70462	0.84402	0.82094	0.75584	0.75948	0.70719	0.63375	0.50942	0.21668	0.25341	0.1031	0.02304	-0.26842	-0.25012	-0.49762	-0.60236	-0.58651	-0.54059	-0.32672
PFE1180c	-0.01659	-0.46617	0.68237	-0.29544	-0.14964	0.03102	0.23284	0.20954	0.79118	0.89566	0.84689	0.91744	0.75089	0.70474	0.31499	0.10488	-0.01799	-0.19576	-0.10829	-0.16488	-0.16786	-0.14826	-0.06925	-0.01148
MAL13P1.52	0.80817	0.5654	0.30786	1.21935	1.08695	1.24324	1.19403	1.13352	1.05368	1.115	0.86223	0.78247	0.61895	0.42753	0.16113	-0.06713	-0.38469	-0.35727	-0.3659	-0.40463	-0.32972	-0.22424	-0.10755	0.05482
PFI0815c	1.2193	1.28788	1.86331	1.49385	1.43807	1.51096	1.20272	1.21383	1.48662	1.24298	1.18897	1.23168	0.6868	0.41403	0.1735	-0.03484	-0.10241	-0.41631	-0.4301	-0.24823	-0.20602	0.05213	0.13469	0.32211
PFC0455w	0.18006	-0.24264	-1.29387	-0.35277	-0.48096	-0.39095	-0.32216	-0.21682	-0.39688	-0.08924	-0.02508	0.05145	0.14978	0.30617	0.39737	0.60273	0.44858	0.71111	0.88037	0.71361	0.45781	0.23332	0.30687	-0.01417
PFF1280w	0.34106	-0.31906	-0.21712	-0.26696	-0.2406	-0.40186	-0.58814	-0.83492	-0.92728	-0.60616	-0.37384	-0.2195	0.06641	0.11059	0.14734	0.34886	0.61067	0.62147	1.04404	0.51617	0.82239	0.45386	0.56528	0.30721
PF14 0336	-0.41818	0.05456	0.09331	0.11481	0.14129	0.0134	0.07456	0.18313	-0.07811	-0.13813	0.00461	0.01204	0.16848	0.08256	0.49646	0.35748	0.02239	0.04589	-0.17159	-0.35886	-0.51053	-0.55031	-0.50515	-0.55053
PF10 0165	-0.81726	-1.13103	-1.42091	-1.23716	-1.18835	-1.40392	-1.11266	-0.88381	-0.10503	0.34062	0.60954	0.8452	0.88492	0.85126	0.63445	0.45272	0.196	0.10007	0.27958	-0.15931	-0.27668	-0.53367	-0.42355	-0.35352
FFF1350c	-0.04831	0.00219	-0.08883	0.13247	0.19609	0.18479	0.251	0.52307	0.49166	0.46417	0.53214	0.55709	0.3243	0.34983	0.2117	0.09846	-0.27681	-0.40698	-0.31943	-0.43171	-0.3693	-0.37239	-0.25045	0.05668
PF14 0068	0.75605	0.87304	0.74995	0.93042	0.92183	1.14529	1.00951	1.24133	1.25994	0.92066	0.88709	0.62444	0.56098	0.08005	-0.07262	-0.18086	-0.539	-0.30442	-0.43429	-0.53224	-0.40602	0.40172	0.43308	0.47101
PFI0280c	-0.32027	-0.1265	-0.31838	-0.3948	-0.08446	-0.01652	0.01277	0.37967	0.41041	0.2113	0.38322	0.13931	0.25197	0.10172	0.27637	0.29751	0.07553	0.05718	0.34256	-0.0349	-0.15903	-0.24587	-0.38694	-0.15769
PFL0915c	0.20662	-0.08527	0.69356	0.91651	1.14171	0.73717	0.91519	1.02113	0.47411	0.4174	0.49356	0.31807	0.17097	0.09595	0.21742	0.07052	0.26703	-0.00362	0.32495	0.07793	0.36469	0.36626	0.58841	0.98568
PFC0515c	-0.11325	0.05732	-0.4483	0.1754	0.21942	0.31844	0.36498	0.18536	0.00262	-0.153	-0.12791	-0.07707	0.15662	0.11156	0.33459	0.33024	0.64328	0.27763	0.22329	0.32545	0.37503	0.43977	0.49765	0.33665
PFF1270c	0.9453	0.96256	0.7084	1.80944	1.76388	1.92247	1.60402	1.66302	1.45514	1.11667	0.94427	0.63445	0.70004	0.43898	0.15724	0.07082	-0.44586	-0.11124	-0.23663	-0.48837	-0.40706	-0.19145	0.16635	0.52472
PFF0290w	1.10241	0.75563	0.33841	1.05914	1.0259	0.3012	-0.39245	-0.7414	-1.37944	-1.63489	-1.59116	-2.04485	-2.19444	-1.92545	-1.95404	-2.10496	-1.90524	-0.26109	0.68878	0.95537	0.61343	1.26917	1.58348	
PFE1020w	-0.60246	0.0534	0.19238	0.09256	0.20903	0.18312	0.17716	0.39712	0.31048	0.47867	0.82123	0.72767	0.67853	0.30377	0.55	0.2029	-0.06918	-0.3172	-0.43188	-1.06668	-1.04243	-0.10732	-0.97809	-0.64594
PF13 0280	-0.67044	-0.52196	-0.58964	-0.61755	-0.45593	-0.22338	-0.27598	-0.33355	-0.55526	-0.47014	-0.45809	-0.35317	-0.20656	-0.20709	0.17431	0.30295	0.43565	0.44168	0.43425	0.12616	-0.24303	-0.51622	-0.57396	-0.66142
PFC0360w	-1.29332	-0.58017	-0.55348	0.27138	0.57476	0.20139	-0.02282	0.36351	0.34912	0.42932	0.76772	0.70327	0.45717	-0.02801	-0.19926	-0.64994	-1.47145	-1.36937	-1.48284	-1.47787	-1.07319	-1.03873	0.25138	0.99235
PFB0285c	0.87172	0.77895	0.58337	0.84405	0.72425	0.74195	0.75922	0.64724	0.65002	0.39009	0.3078	0.40433	0.17529	0.21649	-0.00576	-0.3105	-0.44084	-0.54526	-0.66932	-0.28687	0.00051	0.34032	0.50188	0.63542
PFL2250c	0.0244	-0.25266	-0.02767	-0.03776	-0.31033	-0.22637	-0.19078	-0.16774	0.01786	0.29265	0.43771	0.47431	0.46841	0.46284	0.4531	0.36239	0.34287	0.19798	0.41527	0.12602	0.03682	-0.01885	-0.02496	0.12613
PF14 0273	-0.0651	0.32283	0.80274	1.07412	1.24523	1.37231	1.5605	1.37905	1.30227	1.08683	0.86556	0.67472	0.54869	0.46747	0.12083	-0.14591	-0.21673	-0.46016	-0.83018	-0.78927	-0.76427	-0.66168	-0.6789	-0.35686
PF14 0272	0.89379	0.95683	0.53482	1.08428	1.28742	1.15837	0.84974	1.1883	0.77999	0.49161	0.35341	0.14822	0.09672	0.02681	-0.03344	0.02208	-0.25891	0.12965	0.32588	0.15469	0.39368	0.61887	0.55638	0.74586
MAL0215a	1.54992	1.89918	1.86838	2.17717	1.92054	1.361	1.66078	1.63192	1.35578	0.61263	0.66686	0.34863	0.16672	-0.19731	-0.35435	-0.43966	-0.30963	-0.43738	-0.04027	-0.5497	-0.23936	0.42845	0.74554	1.03479
PF08 0113	0.75691	0.2905	0.14398	0.08506	-0.07144	-0.28722	-0.45162	-0.37026	-0.62623	-0.67362	-0.63145	-0.79291	-0.7152	-0.88088	-0.6806	-0.54783	-0.10902	-0.37545	0.36269	0.47368	0.4367			

PF11 0227	0.02321	-0.38993	-0.48064	-0.76475	-1.19838	-1.13757	-1.40477	-1.47852	-1.65506	-1.50074	-1.17759	-0.68037	-0.28991	0.24904	0.79968	1.02558	0.67203	1.03473	1.04344	0.76477	0.44855	-0.22738	-0.5769	-0.92664
PF14 0450	0.2516	0.59041	0.58973	0.82121	0.73044	0.68237	0.65442	0.62571	0.48637	0.3165	0.13094	-0.11888	-0.17839	0.0035	-0.12393	-0.32427	-0.39677	-0.09118	-0.70157	-0.40533	-0.49544	-0.20689	0.00716	0.16158
PF07 0079	-1.1892	-0.06443	0.27916	0.35712	0.47692	0.67037	0.98577	0.7795	0.76468	0.56369	0.67292	0.46416	0.27888	0.11039	0.25947	-0.14262	-0.5193	-0.97976	-1.28565	-2.26808	-2.10795	-1.62474	-1.62259	-1.19739
PFE0995c	-0.50041	-0.01627	0.34752	0.39154	0.4581	0.82062	0.79031	0.50732	0.70159	0.63753	0.58489	0.49441	0.58511	0.33513	0.07611	-0.28344	-0.50744	-0.83388	-1.11196	-1.13872	-1.12572	-0.6898	-0.37051	-0.23356
PFA0520c	-1.13653	-1.17938	-1.35859	-1.41491	-1.51127	-1.70056	-1.58622	-1.07618	-0.3552	0.37829	1.02858	1.11939	1.08374	0.80509	0.48506	0.16046	-0.59317	-0.46054	-0.63679	-0.77819	-0.8274	-0.80655	-0.75599	-0.66019
PF11 0196	0.59097	0.59338	0.76517	0.63486	0.52714	0.60409	0.53914	0.5776	0.38129	0.31177	0.29845	0.25003	0.13611	0.07052	0.00827	-0.0139	-0.35672	0.18958	0.05684	-0.02811	0.24868	0.44589	0.37596	0.40728
PF10 0195	0.57587	0.706	0.54407	0.41023	0.57131	0.50751	0.54087	0.0098	0.1657	-0.16658	-0.18429	-0.07996	-0.32361	-0.35156	-0.24472	-0.10938	0.35589	0.43897	0.72872	0.85116	-1.11887	1.09666	1.20106	0.98096
MAL13P1.93	0.72994	1.31649	1.1619	1.4095	1.32531	1.27052	1.09539	1.2921	1.20859	1.12272	0.90317	0.59987	0.24973	-0.072	-0.35108	-0.38994	-0.8026	-1.2722	-0.74427	-1.02088	-0.64234	-0.1524	0.1023	0.42829
PFL0640w	-0.23819	0.06158	-0.4223	0.21613	0.01466	-0.26434	0.20365	0.43017	0.59139	0.6315	0.98081	0.94848	0.60486	0.33126	0.55295	0.26869	-0.08333	0.18423	0.05289	-0.55144	-0.64971	-0.61186	-0.76972	-0.43824
PF10_API0002:r RNA	0.39042	0.13339	-0.31881	-0.33787	-0.80869	-0.80089	-1.35128	-0.97123	-0.79525	-1.1483	-1.2704	-0.99872	-1.02151	-0.64848	-0.5461	-0.13181	0.10787	0.57343	0.19406	0.34193	0.01049	0.54357	0.76834	0.53883
MAL13P1.30	0.00933	-0.04397	-0.09247	-0.49585	-0.46856	-0.68755	-0.53822	-0.41793	-0.12675	0.0613	0.38434	0.46701	0.47813	0.59293	0.8603	0.9356	0.48977	0.84436	0.77047	0.72881	0.62285	0.13028	0.10378	-0.01767
PF1355w	0.22106	0.35556	0.60406	0.89856	0.78534	0.7015	0.48705	0.67316	0.74566	0.44285	0.56127	0.63788	0.42606	-0.073	-0.01115	0.18053	-0.49575	0.11858	0.47421	-0.14585	-0.26269	-0.03322	0.24302	0.28774
PFB0125c	-0.88375	-0.53653	-0.54101	-0.18879	0.15092	0.35366	0.18275	0.2356	0.13983	0.24996	0.26265	0.10624	0.28913	0.50098	0.44624	0.3427	0.27063	0.06913	-0.40976	-0.38507	-0.2216	-0.50559	-0.60752	-0.61432
MAL13P1.76	0.1112	0.38808	0.72348	0.7036	0.77056	0.85827	0.71935	0.77676	0.71673	0.76911	0.85645	0.72945	0.61218	0.38818	0.35408	0.106	-0.28982	-0.30608	-0.61217	-0.67946	-0.87083	-0.75889	-0.5668	-0.14356
PFA0420w	1.65073	2.09066	2.28978	2.0113	2.0244	0.92637	0.09772	-0.46317	-1.8024	-2.00823	-1.99965	-2.5112	-3.10879	-3.74255	-3.46453	-3.85325	-3.45711	-2.98448	-1.627	0.40874	0.93121	0.70526	1.63424	1.77444
MAL7P1.152	-0.30472	-0.39569	-0.24751	0.59852	0.31373	0.58552	0.77001	0.91841	0.98551	1.01253	0.98105	0.82386	0.44453	0.36566	0.22234	0.0862	-0.03324	-0.19408	-0.38871	-0.19923	-0.44869	-0.4489	-0.45294	-0.36292
PFB0775w	0.40201	0.47629	0.24584	0.30248	0.29869	0.38982	0.32235	0.00696	-0.50674	0.07522	0.11963	0.13213	0.09956	0.10142	0.21446	0.3516	0.49688	0.71267	0.66608	0.74594	0.71759	0.35739	0.41041	0.44344
PFD0930w	-0.13975	0.00693	0.13444	-0.22821	-0.15623	-0.18301	-0.33325	-0.07682	-0.25853	-0.31815	-0.22076	-0.25861	-0.10769	-0.33335	-0.00436	0.21861	0.22092	0.20518	0.90341	0.37316	0.30166	0.25918	0.14703	0.14574
PFL0125c	0.74155	0.96393	0.99241	1.07529	0.75546	0.94303	0.74328	0.74566	0.7251	0.62963	0.57674	0.45229	0.36916	0.04131	-0.23204	-0.32606	-1.37641	-0.28413	-0.05329	0.34436	0.53397	0.39613	0.68322	0.82651
PF13 0180	-0.5528	-0.53128	-0.36185	-0.09774	-0.00514	0.09367	0.04094	0.20892	0.15827	0.5023	0.88255	0.87277	0.70257	0.2863	0.08872	-0.35393	-0.20831	-0.65444	-0.7853	-0.86731	-0.81761	-0.78355	-0.59591	
PFF1410c	0.00084	0.1444	-0.14595	-0.35952	-0.5932	-0.71154	-0.70082	-0.37358	0.10388	0.39811	0.7193	0.75765	0.73689	0.59411	0.54639	0.31315	-0.2038	-0.19431	-0.3852	-0.51101	-0.58634	-0.51188	-0.47948	-0.36483
PF11 0047	0.4845	0.77179	0.90001	1.56198	1.35891	1.7286	1.54661	1.57685	1.06646	0.93399	0.94056	0.8864	0.77611	0.54066	0.42747	0.22443	-0.31019	-0.35885	-0.34418	-0.72771	-0.91596	-0.40955	-0.19888	-0.00152
PFI0328c	-0.00038	0.34035	1.00024	0.58123	0.77826	0.87253	0.809	0.67275	0.98315	1.1104	0.98715	0.87667	0.61284	0.29676	0.10358	-0.16606	-0.37857	-0.63124	-0.40618	-0.68822	-0.70767	-0.56935	-0.43618	-0.09987
PF10 0319	-0.32605	0.06564	0.26261	1.04211	0.07733	-0.1533	-0.07582	0.10496	-0.00156	0.09534	0.05386	-0.07387	-0.07783	0.02639	0.22374	0.08442	0.3281	0.02509	-0.40847	-0.17197	-0.27918	-0.25594	-0.32062	-0.26374
PF13 0035	0.34637	0.78284	1.00296	0.82619	0.71643	0.64926	0.59453	0.70352	0.59068	0.60649	0.49788	0.49313	0.34012	0.02507	-0.22843	-0.48378	-0.48507	-0.87362	-0.80339	-0.75578	-0.46815	0.06412	0.23624	0.40008
PFI0190w	0.09566	0.52877	0.59789	0.70276	0.67895	0.80913	0.54657	0.78677	0.78614	0.57363	1.04974	0.97179	0.48415	0.27485	0.30611	0.0915	-0.89482	-0.2762	-1.06862	-1.28745	-1.24057	-0.90306	-0.71107	-0.54637
PFB0180w	-0.64884	-0.73382	-0.25472	-0.86736	-0.63848	-0.36641	0.06938	0.44572	0.71349	0.89193	0.91314	1.07285	0.9946	0.95444	0.51494	0.42819	0.08082	0.15547	-0.09096	-0.2725	-0.60446	-0.51173	-0.59914	-0.56331
MAL7P1.157	-1.14611	-1.14785	-1.60589	-1.18943	-1.32756	-1.30045	-0.72485	-0.37871	0.19017	0.58635	0.7852	1.08195	1.23868	1.0446	0.91826	0.70798	0.22733	0.07814	-0.11193	-0.60028	-0.70923	-0.67135	-0.86522	-0.94727
PF08 0044	1.36881	1.27589	1.03793	1.47438	1.33639	1.1535	0.83533	0.6274	0.09225	-0.17498	-0.20061	-0.26381	-0.20642	-0.26692	-0.31037	-0.46068	-0.73003	-0.62882	-0.66555	-0.12588	0.18768	0.42973	0.84786	0.73629
PFE0695w	0.48972	0.41454	0.15931	0.10359	0.30749	0.15842	-0.09809	0.40896	0.22095	-0.11771	0.00323	-0.0672	-0.11127	0.1119	0.33451	0.26388	0.28033	0.50027	0.37339	0.18903	0.61028	0.26588	0.28857	
MAL7P1.37	-0.81431	-0.89819	-1.35722	-0.82322	-0.44478	-0.17311	0.10644	0.33209	0.47603	0.51236	0.4393	0.4193	0.76408	0.66912	0.38499	0.15061	0.21042	-0.10045	-0.32234	-0.30609	-0.54719	-0.47302	-0.54335	
PFL2160c	-0.01971	0.04877	-0.02463	0.10639	0.21508	0.32829	0.05863	0.1831	0.08333	0.00349	0.03995	0.09909	0.17583	0.13354	0.35023	0.32538	0.24769	0.25289	0.12576	-0.02031	-0.10921	-0.01581	-0.05994	0.09212
PFI0110c	1.39112	1.49114	1.2191	1.16512	1.2405	1.49326	1.25677	0.76291	0.24814	-0.54813	-0.97897	-1.52842	-1.7889	-1.98577	-1.85096	-1.70024	-0.92186	-1.07289	-0.42233	0.18942	0.55449	0.92631	1.0581	1.16826
PFL14 0604	1.41765	1.66182	1.22955	1.51768	1.57559	1.22946	0.8336	0.61552	-0.07288	-0.28596	-0.12385	-0.37624	-0.28176	-0.12132	-0.05275	-0.09086	-0.52293	-0.15097	0.20316	0.01463	0.4589	0.68131	0.92535	1.04713
MAL8P1.41	0.67328	1.18854	0.97602	1.54065	1.40312	1.36673	1.11917	1.12897	1.03876	1.06787	-1.8009	0.97479	0.44607	-0.04833	-0.22444	-0.61923	-1.44278	-1.00537	-0.10783	-1.06012	-0.71117	-0.35675	0.22734	0.46304
PF11 0230	0.96443	1.13552	1.11342	1.32867	1.29685	1.37945	1.28272	0.92591	0.4733	0.14636	-0.0787	-0.39778	-0.568	-0.58732	-0.68393	-0.55958	-0.27547	-0.56081	-0.1148	0.11745	0.52495	0.49757	0.72982	0.83273
PF11 0333	-0.3472	-0.62099	-0.54745	-0.64301	-0.52117	-0.28773	-0.03485	0.1389	0.27287	0.31035	0.38452	0.41733	0.50553	0.641	0.52486	0.48305	0.42316	0.48591	0.14842	0.18478	0.0517	-0.11001	-0.29608	-0.40545
PF11 0365	-0.54486	-0.61289	-0.57189	-0.67269	-0.64249	-0.72244	-0.71755	-0.74013	-0.4812	-0.08161	0.14957	0.60218	0.73555	0.80507	0.78085	0.34472	0.52992	0.29432	-0.04768	-0.10142	-0.29119	-0.27056	-0.17795	
PF14 0125	0.6304	1.01656	0.5658	1.15044	1.25612	1.21115	1.19539	1.34164	1.23189	1.21303	1.17604	0.88132	0.60246	0.12748	-0.11031	-0.49409	-0.56709	-0.72299	-0.90648	-0.98843	-0.80556	-0.3565	0.02151	0.36708
PF08 0071	-0.38168	-0.51271	-0.85616	-0.43356	-0.55578	-0.46044	-0.78631	-0.3112	-0.3271	-0.41983	-0.02241	-0.08974	-0.00543	-0.1144	0.45704	0.55074	0.31927	0.1018	0.28419	-0.60989	-0.53277	-0.12845	-0.68749	-0.76526
PFD0160w	0.89371	0.82069	0.8226	0.53361	0.584	0.42855	0.27945	-0.0316	0.10591	0.33555	0.08129	0.0975	0.15274	0.51314	0.057	-0.02019	-0.20089	-0.06179	-0.79409	0.05265	0.14209	0.2455	0.40484	

PF11 0295	-1.14467	-0.95458	-0.93175	-1.13063	-0.91884	-0.91799	-0.56643	-0.1699	0.06065	0.38788	0.77456	0.77552	0.9259	0.62125	0.65492	0.3557	-0.08462	-0.2187	-0.62637	-0.70242	-0.97459	-1.24906	-1.11601	-0.85582
PF14 0295	-0.16421	-0.17054	-0.63713	-0.29987	-0.44022	-0.43794	-0.57766	-0.4101	-0.54721	-0.45978	-0.16241	0.08399	0.36228	0.54623	0.80178	0.79779	0.43848	0.64556	0.7239	0.46325	0.35823	-0.04442	-0.10232	-0.32499
PF10305c	-0.27358	-0.03774	0.13323	0.01638	0.09368	0.17791	0.35291	0.21176	0.19219	0.13858	0.26156	0.22675	0.31165	0.28351	0.4746	0.45939	0.45662	0.23343	0.34317	0.10319	-0.08117	-0.06655	-0.06074	-0.03075
PF13 0037	0.06317	0.57152	0.78063	0.81054	1.09224	1.27556	1.20446	1.05563	0.99544	0.93258	0.8111	0.67309	0.61585	0.40611	0.16528	-0.0282	-0.15723	-0.27205	-0.52583	-0.57324	-0.46875	-0.34046	-0.1473	0.1339
PF14 0416	-0.10443	0.1216	0.30065	0.24505	0.12534	0.31131	0.34216	0.36712	0.48219	0.38912	0.54429	0.51458	0.46036	0.42697	0.52666	0.45984	0.38228	0.35655	0.17359	-0.12993	-0.3109	-0.2854	-0.24688	-0.03986
PFE0830c	-0.36847	-0.54517	-0.72542	-0.57271	-0.49961	-0.36337	-0.11525	0.06993	0.38174	0.48352	0.48706	0.5907	0.65679	0.76604	0.46403	0.3635	0.21835	0.34752	-0.14576	0.17572	-0.03981	-0.26096	-0.28063	-0.41357
MAL13P1.333	-0.0473	0.13657	0.26046	0.24812	0.27146	0.17631	0.32653	0.27117	0.55576	0.55499	0.51785	0.51323	0.46771	0.56587	-0.02214	-0.19034	-0.19055	-0.29369	-0.64381	-0.32796	-0.17263	-0.23507	-0.16803	-0.08684
PF14 0298	0.9147	0.0328	-0.08296	-0.18015	-0.09938	-0.38955	-0.49524	-0.61061	-0.92199	-0.75212	-0.61595	-0.63119	-0.54703	-0.36419	-0.10253	0.27079	0.71999	0.75165	1.05755	0.89022	0.88143	0.70845	0.54102	0.16504
PF14 0251	0.97371	0.95423	0.6329	0.66638	0.33945	0.1667	-0.13678	-0.63156	-1.24354	-1.34755	-1.28595	-1.07209	-0.86865	-0.37397	0.1851	0.68378	0.71328	0.6804	1.11913	0.73447	0.77607	0.7534	0.57232	0.36403
PFL1380w	-0.22329	-0.54299	-0.81242	-1.00323	-1.12903	-1.02137	-1.14736	-0.57002	-0.55429	-0.10513	0.01135	0.19176	0.11141	0.04995	0.24165	0.37237	0.36781	0.43242	0.68925	0.61754	0.53798	0.24886	0.10541	-0.31191
MAL13P1.36	0.02812	0.34382	0.29917	0.28493	0.32976	0.36164	0.4093	0.51923	0.29516	0.53489	0.53482	0.51884	0.46225	0.37748	0.24126	0.01086	-0.34932	-0.31957	-0.72589	-0.67705	-0.51904	-0.43411	-0.24081	-0.02615
PFD0255w	0.29207	-0.35347	-0.5006	-0.59925	-0.68772	-0.85071	-0.96559	-0.94964	-0.80655	-1.02122	-1.12349	-0.8631	-1.13638	-1.11569	-0.79456	-0.11563	0.54656	0.69424	1.00186	0.91393	0.90606	0.63351	0.58751	0.13722
PF10 0190	-0.82531	-0.61763	-0.66935	-0.73463	-0.70408	-0.77156	-0.98387	-1.19634	-1.12335	-0.87447	-1.29993	-1.13273	-0.56949	0.08011	0.41394	0.31143	0.47905	0.73544	-0.03199	0.31001	0.35042	0.01124	0.34366	-0.41431
PFC0405c	0.85065	0.09568	1.04134	1.09396	0.84316	0.51043	0.57751	0.39279	0.22375	0.22466	0.12931	0.21565	0.14777	0.12554	0.02659	-0.17086	-0.08301	0.02845	-0.43987	-0.03752	0.11525	0.31581	0.52975	0.79205
PF0683c	-0.61757	-0.63347	-0.51652	-0.97359	-1.06744	-1.18529	-1.31572	-1.5807	-1.69654	-1.76593	-1.81149	-1.93431	-1.56392	-1.09269	-0.20755	0.37051	1.10783	0.64227	0.47072	0.74766	0.69664	0.41037	0.12589	-0.39301
PFL1130c	0.11822	0.11473	0.46071	0.31808	0.36565	0.60902	0.70246	0.38018	0.57825	0.59641	0.40677	0.41061	0.41756	0.60887	0.29017	0.18266	0.32649	0.09188	-0.36109	-0.10677	-0.0824	-0.03862	-0.27982	-0.23005
PF14 0614	0.77065	0.47372	0.20785	-0.0234	-0.05612	-0.16578	-0.08327	-0.14621	0.0212	0.01299	-0.20048	-0.21013	-0.43182	-0.61379	-1.03761	-1.29447	-1.3558	-1.09475	0.14874	0.48983	0.72038	0.91055	0.95707	1.0739
PFE1640w	1.06508	0.91067	0.90607	0.91316	1.24844	1.41753	1.18245	1.20021	0.38328	0.43	0.08601	-0.16852	-0.04332	-0.15774	-0.14875	0.0583	0.20131	0.42668	0.63102	0.24499	0.35581	0.80146	0.30397	0.19877
PF11 0273	0.0764	0.05611	0.12409	0.29248	0.40408	0.37837	0.16815	0.3968	0.31661	0.07471	-0.02449	0.1068	-0.13246	-0.03197	0.07792	0.37722	0.05442	0.45909	0.46427	0.41369	0.12152	-0.09838	0.01787	-0.15277
PF11 0526	0.37946	0.69038	0.60427	0.65471	0.74118	0.73472	0.56415	0.72203	0.72031	0.7771	0.91541	0.74933	0.59973	0.3164	0.30256	-0.05728	-0.17509	-0.20805	-0.38801	-0.62788	-0.60733	-0.72275	-0.40803	-0.01829
PFI0750c	-0.56881	-0.45734	-0.29127	-0.16548	-0.11974	0.29324	0.61114	0.91786	1.31747	1.33779	1.1749	1.10009	0.86463	0.58897	0.33232	0.07283	-0.29857	-0.30431	-0.40033	-0.49641	-0.43837	-0.45075	-0.30495	-0.25463
PF0415c	-0.33961	-0.10221	0.6491	-0.56272	-0.32545	-0.42079	-0.43053	-0.25936	-0.46681	-0.26494	0.12114	0.32722	0.52475	0.40669	0.4186	0.63959	-0.05104	0.19134	0.61198	0.04686	-0.02409	-0.0929	-0.0487	-0.04026
MAL7P1.700	-1.07382	-0.34467	0.09879	0.15389	0.21939	0.20497	0.32388	0.23608	0.10086	0.14495	0.11059	0.26573	0.15539	0.12649	-0.24349	-0.17403	-0.34769	-0.66409	-1.20136	-1.80562	-1.85588	-1.59458	-1.51143	-0.93047
MAL7P1.77	-2.32551	-2.41571	-2.35367	-3.0872	-3.03936	-2.69661	-2.13708	-1.6151	-1.20913	-0.69941	-0.36778	0.00658	0.64358	1.11627	0.89881	0.84305	0.54667	0.48451	-0.17436	-0.81725	-1.24303	-1.50237	-1.95544	-2.38971
PF14 0506	0.03745	0.13279	-0.55318	-0.89196	-1.06778	-1.28166	-1.19739	-1.60338	-1.04767	-0.76634	-1.02625	-0.84202	-0.49455	0.07493	0.58074	0.79842	0.95384	0.99296	0.90919	0.95037	0.63761	0.05586	-0.09027	-0.32591
PF14 0107	0.35776	0.1899	0.28264	0.00362	0.08378	0.09231	0.13446	0.22227	0.13596	0.087	-0.07914	-0.19577	-0.35472	-0.2592	-0.30636	-0.32161	-0.06474	0.12527	0.69423	0.57183	0.7027	0.652	0.72325	0.9436
PF14 0020	-0.37186	-0.68623	-0.6023	-0.97154	-0.67417	-0.67224	-0.60431	-0.52125	-0.55698	-0.50671	-0.41685	-0.22747	-0.20615	-0.07549	0.08635	0.30822	0.33178	0.57409	0.62571	0.53667	0.31973	0.0815	0.1326	-0.05442
MAL13P1.89	-0.48067	-0.30722	-0.33132	-0.30883	-0.11092	-0.0227	0.17286	0.40129	0.60428	0.57981	0.81619	0.72077	0.52228	0.29026	0.24615	0.21134	0.00491	-0.02905	0.19918	-0.12005	-0.37157	-0.43055	-0.50434	-0.29704
PFE0880c	0.93699	1.1859	1.04698	1.38949	1.66099	1.35247	1.1555	1.38932	0.55096	0.40865	0.41659	0.13761	0.20314	-0.06813	-0.17868	-0.24576	-0.38578	0.03436	0.438	0.4009	0.52435	0.52863	0.95565	0.59196
PF10 0080	0.03823	-0.10564	-0.5836	-0.65186	-0.83546	-0.81885	-0.91206	-0.99189	-0.91538	-0.63185	-0.34639	-0.1132	0.03615	0.12542	0.46933	0.71931	0.63198	0.74254	1.04366	0.75603	0.63362	0.15285	-0.05137	-0.34521
PFL1480w	0.27967	0.6287	0.7016	0.70392	0.41139	0.61664	0.44526	0.31724	0.29966	0.38144	0.07863	0.17689	0.11487	-0.18073	-0.5547	-0.82291	-0.70266	-0.49563	-0.81313	-0.46011	-0.25591	0.16393	0.26143	0.2636
PFL1260c	-0.4593	-0.14984	0.09671	0.43221	0.37745	0.80117	0.63773	0.5718	0.3697	0.07266	0.25163	0.30522	0.34673	0.18763	0.40579	0.42343	0.31946	0.15179	0.11538	-0.33501	-0.37288	-0.62197	-0.54417	-0.58755
PF10 0186	0.07425	-0.09838	-0.01633	-0.10281	-0.0258	-0.09498	-0.1446	-0.24192	-0.66173	-0.79678	-0.74221	-0.73173	-0.52073	-0.10553	0.20326	0.53248	0.98821	0.72327	0.33771	0.56814	0.53725	0.61489	0.312	0.15386
PFE0775c	0.17878	0.1516	0.64617	0.337	0.5063	0.37326	0.38304	0.32503	0.11383	0.34647	0.42127	0.28194	0.16246	0.20621	-0.07243	-0.13243	-0.59791	-0.23119	-0.1501	0.07826	0.09693	0.26909	0.3271	0.54624
PFL0355c	0.14949	0.31484	0.32233	0.3487	0.28687	0.21593	0.26348	0.43455	0.45372	0.46646	0.44744	0.45809	0.24305	0.09031	-0.12647	-0.57209	-0.79535	-0.79195	-0.86421	-0.5178	-0.07657	-0.06233	0.05848	0.24412
PF14 0723	-0.34752	-0.6279	-0.36736	-0.39044	-0.45674	-0.26558	-0.28685	-0.11087	-0.09222	-0.14369	-0.06747	-0.03511	0.0387	0.05092	-0.02089	-0.00691	0.17802	0.12878	0.15262	0.1924	0.22564	0.5845	0.4873	0.56833
MAL7P1.14	0.47813	0.60556	0.1178	0.10602	0.1878	-0.04859	-0.1605	0.24144	0.35617	0.58229	0.44932	0.36089	0.43969	0.11976	-0.24817	-0.58228	-1.19077	-1.34283	-1.17218	-1.02766	-0.59776	-0.38349	-0.1065	0.11636
PF13 0075	1.47677	1.41954	1.92326	1.22285	0.69072	0.4193	0.20323	-0.19652	-0.18974	-0.17789	-0.34751	-0.60182	-0.28463	-0.3137	-0.73905	-0.33458	-0.7528	-0.86246	-0.68128	-0.22162	0.04629	0.50523	0.46455	0.90406
MAL13P1.226	-0.74486	-1.23689	-0.62334	-1.38876	-1.38538	-1.2678	-1.12237	-0.85821	-0.92347	-0.50957	-0.01569	0.18624	0.54201	0.78723	0.91316	0.72009	0.73664	0.49969	-0.17456	0.09126	-0.15934	-0.43673	-0.73672	-0.98676
PF14 0194	0.26095	0.46061	0.56879	0.81048	0.82136	1.11979	0.97688	1.00185	0.76608	0.55509	0.62356	0.46196	0.27273	0.05245	-0.17466	-0.26573	-0.43864	-0.43241	-0.75786	-0.80994	-0.77957	-0.31043	-0.16725	0.12745
PF14 0637	0.02557	0.29532	0.18656	0.50328	0.56963	0.5854	0.80636	0.82495	0.75769	0.49081	0.31735	0.27474	0.24182	0.24311	0.09699	-0.04202	0.0719	0.0062	-0.244					

PF13_0080	-0.99753	-1.20631	-0.93668	-1.55759	-1.6544	-1.65529	-1.52126	-1.34241	-0.29662	0.34516	0.49945	0.71945	0.80881	0.99057	0.70539	0.50429	0.53809	0.21823	-0.59806	-0.42321	-0.86732	-0.93449	-1.1142	-1.13816	
PF10_0023	1.53389	1.88018	1.53084	1.73564	1.68976	1.20582	0.63	0.34732	-0.45618	-0.57437	-0.37836	-0.61116	-0.90186	-1.28895	-1.46066	-1.80069	-2.00865	-2.13525	-1.54917	-0.82014	-0.08812	0.24758	0.74436	0.96361	
PF10_0156	1.06219	1.04234	0.20464	0.20464	0.08512	0.13146	-0.33832	-0.55146	-0.80725	-1.17493	-1.31246	-1.32263	-1.42763	-1.56057	-1.46269	-1.53147	-1.24647	-0.73772	-0.0714	1.48547	1.35619	1.43578	1.13192	1.50572	1.75759
PF07_0021	0.18727	-0.02488	-0.38504	-0.29688	-0.3098	-0.35707	-0.47488	-0.82951	-0.61912	-1.15861	-1.22305	-1.24241	-1.1079	-0.64694	0.18511	0.48748	0.87891	1.0885	0.93162	1.11366	1.00245	0.46036	0.28833	-0.23691	
PF08_0008	1.45603	-0.03099	-0.50417	-0.82955	-0.83948	-1.4876	-1.7915	-2.26417	-2.8355	-3.39486	-3.54547	-3.89235	-4.40906	-4.241	-4.39537	-3.70734	-1.98326	-1.5994	1.24974	1.40556	1.30357	1.09777	1.65519	2.00771	
PF13_0202	-0.131	-0.08846	-0.42764	-0.28537	-0.62929	-0.4199	-0.57058	-0.68708	-0.50234	-0.40339	0.23203	0.30879	0.4736	0.42586	0.66671	0.60041	0.50383	0.37424	0.55075	1.14771	0.01455	-0.21364	-0.07324	-0.00534	
PFC0160w	0.09267	-0.56335	-0.54943	-0.68064	-0.72017	-0.94103	-0.97654	-0.99337	-1.07583	-1.06652	-0.99692	-0.83439	-0.49749	-0.15976	0.27572	0.7117	0.76619	0.83338	1.04254	0.982	0.78331	0.44211	0.20371	-0.08771	
PF11_0382	0.40536	0.61232	1.07738	0.77276	0.57614	0.99065	0.85479	0.7892	0.93372	0.64742	0.69459	0.46044	0.38875	0.18436	0.35095	0.12913	-0.15619	0.11184	-0.04134	-0.3162	-0.55704	-0.30481	-0.06365	0.16568	
PFF0880c	-0.36718	0.31454	0.54404	0.58492	0.46647	0.82886	0.7536	0.77323	0.68763	0.65582	0.78872	0.80206	0.68493	0.44612	0.45882	0.05108	-0.67402	-0.33329	-0.61741	-0.87089	-1.1456	-1.061	-0.78283	-0.40402	
PF08_0079	-0.2349	0.3645	0.3628	0.608	0.65807	0.71795	0.5469	0.4625	0.48388	0.46418	0.64942	0.59064	0.69739	0.40909	0.35282	-0.10998	-0.3466	-0.49445	-0.89604	-0.97381	-1.02995	-0.72805	-0.59287	-0.29047	
PF07_0107	2.00309	2.35399	2.23499	2.0791	1.74525	1.37038	1.00937	0.66857	0.15263	-0.29706	-0.66179	-0.99791	-1.33887	-1.37558	-1.6701	-1.88208	-1.8261	-1.80397	-1.51061	-0.65289	0.34314	0.91049	1.19434	1.2677	
PFL2395c	-0.31465	-0.06288	0.30966	0.30966	0.08953	0.1837	0.27755	0.34516	0.5656	0.59945	0.59897	0.75628	0.68124	0.57978	0.38632	0.03511	0.21237	-0.35657	-0.74916	-0.85339	-1.05486	-0.81343	-0.78295	-0.58927	
PF13_0087	-0.13069	-0.27738	0.79868	0.63367	0.67084	0.83423	0.87294	0.99192	0.79874	0.89396	0.85201	0.62105	0.31381	-0.09621	-0.1072	-0.07144	-0.08182	-0.35245	-0.04895	-0.32422	-0.56687	-0.352	-0.24612	0.01875	
PFB0765w	1.03863	0.24546	-0.19992	-0.8476	-1.2657	-1.87397	-2.10443	-2.23479	-2.25383	-1.87082	-1.87704	-1.46074	-1.36064	-1.06943	-1.36439	-1.5977	-1.0667	-0.39809	-0.09321	0.91517	1.14061	1.25566	1.01328	0.92649	
PFI0865w	0.76405	1.00937	0.77371	1.06032	1.07001	1.08895	1.04947	0.93945	1.01152	0.81975	0.74841	0.77217	0.4496	0.32106	0.14798	-0.07219	-0.41599	-0.1394	-0.3912	-0.53963	-0.51067	-0.00728	0.07062	0.37918	
PF11_0158	0.01547	-0.24949	-1.53957	-0.65695	-1.00933	-1.15062	-1.25114	-1.45882	-1.72891	-1.67915	-1.76642	-1.62141	-1.63426	-0.97653	-0.0051	0.69014	1.35902	0.89223	0.95464	0.89718	1.08868	0.81399	0.36402	-0.39779	
PFL1570w	0.50847	-0.12946	-0.35895	-0.50522	-0.61159	-0.94465	-1.10935	-0.82179	-1.07259	-0.95157	-0.49662	-0.82202	-0.64675	-0.64214	-0.98742	-0.74696	-0.83261	0.01583	1.04322	0.93853	0.65029	0.64728	0.88785	1.10121	
PFI0425w	-0.41511	-0.03815	0.54403	0.46485	0.59206	0.88859	0.76462	0.83628	0.9541	0.8846	0.75039	0.70116	0.45373	0.14576	-0.04769	-0.05626	-0.22277	-0.27858	-0.05391	-0.3196	-0.5007	-0.35625	-0.24432	-0.21363	
PFE0655w	0.28042	0.31	0.44394	0.48992	0.48325	0.40447	0.29891	0.225	0.29606	0.4119	0.28951	0.37771	0.31746	0.41155	0.10138	-0.03904	0.00211	-0.22596	-0.28152	-0.12264	-0.0209	-0.0287	0.07077	0.09265	
PFB0800c	-0.24668	-0.48648	-0.216	-0.42825	-0.2499	-0.2838	-0.21861	0.02015	0.47775	0.7408	0.82389	0.8334	0.85857	0.808	0.39788	0.0856	0.04179	0.00081	-0.48651	-0.19134	-0.12062	-0.17147	-0.13006	-0.16636	
PF14_0144	0.49581	0.8298	0.59309	0.78544	1.00269	0.94887	0.77195	0.77138	1.16449	-0.13546	-0.26421	-0.6502	-0.80545	-0.96834	-0.85137	-0.64879	-0.54037	-0.21922	0.34256	0.10571	0.21953	0.39281	0.59978	0.66152	
PF11_0323	-0.05852	-0.09193	0.23134	0.14513	0.30389	0.25748	0.39178	0.00063	0.3452	0.45398	0.6394	0.7761	0.77799	0.74007	0.62201	0.50223	0.23349	0.37112	0.12198	0.0592	-0.18893	-0.27961	-0.21607	-0.06607	
PF14_0214	0.3745	0.59534	0.56755	0.65859	0.63142	0.39087	0.46687	0.68478	0.64814	0.69738	0.61386	0.43353	0.18088	-0.10836	-0.3524	-0.56327	-0.46549	-0.61695	-0.39895	-0.32467	-0.18094	-0.00668	0.12421	0.25435	
PFB0100c	-0.07255	0.4902	1.01746	1.30299	1.65244	1.74061	1.73185	1.8755	1.51731	0.99896	0.6991	0.4797	0.13435	-0.24959	-0.33104	-0.61882	-0.87203	-0.90379	-1.27399	-1.03576	-0.98277	-0.95616	-0.82398	-0.22796	
MAL13P1.42	-0.55938	-0.71904	-0.57151	-1.0349	-1.26874	-1.29131	-0.92407	-1.12525	-0.38152	-0.4889	-0.56557	-0.21562	0.155	0.38434	0.55604	0.74132	0.3873	0.51463	0.1664	0.06655	-0.16964	-0.46614	-0.68474	-0.88853	
PF07_0129	-1.94073	-2.16543	-2.06097	-2.29897	-2.1072	-2.01473	-1.42815	-0.8614	0.03813	0.27591	0.43334	0.70443	0.8299	1.21021	0.94806	0.55033	0.24022	0.22249	-0.67169	-0.85122	-1.4083	-1.83266	-2.387	-2.61043	
PFI0945w	1.37773	0.18588	-0.35228	-0.18867	-0.58876	-0.9363	-1.32533	-1.61012	-2.44467	-2.94081	-3.12677	-3.64516	-3.72522	-3.64947	-2.8488	-2.69816	-1.97665	-0.92117	1.66703	0.99624	1.20782	1.13633	1.34122	1.73215	
PF13_0302	-0.12996	-0.1448	-0.03015	0.03766	0.16318	0.08225	0.06662	0.12957	0.13418	0.29188	0.26599	0.31276	0.49239	0.58356	0.37122	0.38433	0.29264	0.03255	-0.05447	-0.26599	-0.34971	-0.38851	-0.29597	-0.15684	
PFI1030c	-0.51794	-0.29033	-0.16888	0.04263	0.24424	0.27894	0.20237	0.53649	0.35346	0.52313	0.77073	0.56632	0.41854	-0.09211	0.25551	0.04367	-0.16366	-0.24975	-0.0925	-0.47235	-0.63111	-0.48454	-0.21141	-0.24085	
PFC0245c	-0.12111	-0.30628	-0.12315	-0.15642	-0.30021	-0.12687	-0.05528	-0.23538	0.08258	0.1549	0.02511	0.13519	-0.16137	-0.16338	-0.42365	-0.47684	-0.07768	-0.13705	0.13246	0.13243	0.24244	0.3324	0.14932	0.12616	
PF11_0127	0.26775	-0.44703	-0.68113	-0.89029	-1.06542	-1.44208	-1.55257	-1.52401	-1.24481	-0.92687	-0.91698	-0.73951	-0.54764	-0.04116	0.1157	0.51546	0.60888	0.24867	0.75736	0.83138	0.52343	0.43213	0.33925	0.39925	
PF11_0118	-0.11873	0.28156	0.3595	0.35185	0.4465	0.6028	0.6251	1.04177	1.05756	1.05846	1.09258	1.01105	0.84004	0.56341	0.29255	-0.00824	-0.22236	-0.17814	-0.49156	-0.45106	-0.50896	-0.32531	-0.23626	-0.02402	
PFL1575w	0.58956	0.22975	-0.6125	-0.07431	-0.21318	-0.53834	-0.48092	-0.52966	-0.9923	-0.72506	-0.74367	-0.66549	-0.57774	-0.26543	-0.00529	0.41692	0.62987	0.70814	1.33838	1.25059	1.1412	0.83403	0.76477	0.66388	
PF10_0378	1.58491	1.90124	1.74011	2.33716	2.40378	2.29328	1.91374	1.27562	0.78471	0.27273	-0.22089	-0.36263	-0.56093	-0.66505	-0.89217	-1.0508	-1.8077	-1.11541	-0.90107	-0.36	0.19372	0.66342	1.12483	1.1827	
PFL1110c	-0.21489	-0.91793	-1.03364	-1.7181	-2.04753	-2.48622	-2.76693	-3.07388	-3.1472	-3.44116	-2.86425	-2.69125	-0.23911	-1.46604	-0.48569	0.11665	0.35322	0.6491	1.26952	1.2844	0.99024	1.01458	0.73677	0.7653	
MAL13P1.271	0.08009	0.00256	0.23924	0.33926	0.40788	0.48573	0.42152	0.5276	0.26872	0.27409	0.26229	-0.00313	-0.17873	-0.40024	-0.21261	-0.19752	-0.16662	-0.43051	0.82974	0.3408	0.25432	0.01609	0.31845	0.58479	
PFI0960w	-1.09354	-1.16507	-1.00441	-1.15845	-1.08333	-1.1867	-0.71101	-0.21551	0.18949	0.61483	0.86329	1.01575	0.95919	0.83822	0.55108	0.39617	-0.00366	-0.08904	-0.24919	-0.59315	-0.69395	-0.71631	-0.77738	-0.63716	
PF11_0271	-0.48368	-0.87782	-0.92458	-0.52759	-0.41473	0.08388	0.25569	0.19762	0.64168	0.53816	0.56795	0.66074	0.82866	0.82347	0.74395	0.61646	0.46811	0.18582	0.40094	0.04959	-0.31341	-0.39952	-0.53405	-0.81109	
PF14_0413	-0.77981	-0.75203	-0.68269	-0.84519	-0.81249	-0.2472	0.57737	1.17134	1.52499	1.46259	1.43112	1.39623	0.97026	0.74934	0.34243	-0.0079	-0.13862	-0.18481	-0.51769	-0.45752	-0.37133	-0.38254	-0.42908	-0.50561	
PF13_0109	0.30444	0.45114	0.35207	0.7073	0.70463	0.54985	0.64923	0.8651	0.74624	0.75487	0.76784	0.66822	0.30348	-0.08147	-0.15558	-0.49078	-0.69996	-0.98148	-0.71843	-0.90003	-0.54337	-0.15507	-0.05151	0.16439	
PFL1350w	0.19691	0.30583	0.79162	0.73285	0.87519	0.84129	1.07912	1.27545	1.21264	0.99439	0.9366	0.87396	0.49506	0.07472	-0.18258	-0.47658	-0.04186	-0.73464	-0.78916	-0.84464	-0				

PF14 0093	0.55943	0.11839	0.14538	0.00926	0.02677	-0.34533	-0.39296	-0.6595	-0.28663	0.29348	0.21997	0.23475	0.11436	0.13128	-0.12594	-0.19655	-0.13012	0.4316	0.31189	0.92834	1.18606	0.51715	0.87363	0.7902
PFF0605c	1.20684	0.79189	0.76934	1.02834	1.05927	0.90888	0.74629	0.80429	0.55901	0.26348	0.34235	-0.00433	-0.151	-0.25275	-0.20125	-0.28016	-0.27756	0.74856	0.85916	1.12949	1.3251	0.89671	1.21503	1.4227
MAL13P1.145	-0.09971	-0.25596	-0.01484	-0.07025	-0.00308	0.12864	0.12581	-0.14424	-0.00545	0.16766	0.20998	0.25712	0.44687	0.61181	0.42376	0.31602	0.50173	0.35077	-0.10763	0.08207	0.0794	0.0867	0.10591	0.13871
PF13 0329	0.09611	-0.10409	-0.29504	-0.07872	0.04372	-0.08677	-0.20674	-0.15991	-0.60253	-0.66647	-0.3571	-0.41885	-0.17763	-0.13353	0.2268	0.42846	0.44374	0.30169	1.08243	0.73426	0.66955	0.27569	0.54156	0.39848
PF10 0366	-1.24694	-0.78898	-0.18576	0.13506	0.53843	1.02142	0.87902	0.74485	0.77544	0.66863	0.82938	0.89191	0.61251	0.28282	0.03173	-0.28394	-1.13718	-1.13155	-1.33712	-1.72657	-1.76071	-1.47985	-1.47183	-1.09004
PF14 0225	0.97774	0.57248	1.23871	1.29267	1.4673	1.19414	1.30044	0.92252	0.58534	0.46274	0.38414	0.18966	0.08008	0.00453	-0.40723	-0.3415	-0.2056	0.17436	-0.00689	0.52784	1.02248	0.55774	0.92504	1.03875
PF14 0115	0.07472	0.20311	0.49936	0.62971	0.75629	0.93806	0.96287	0.82159	0.81703	0.78895	0.75957	0.8587	0.74145	0.85394	0.73695	0.61633	-0.14127	0.44039	0.29313	0.08045	-0.1637	-0.15411	-0.0714	-0.04612
PFD0215c	0.11665	0.00111	0.56212	1.56392	2.17062	1.93937	1.54025	1.77527	1.1086	0.81134	0.77446	0.65611	0.38049	0.08887	-0.14967	-0.04391	-0.1633	-0.07704	0.05977	-0.03017	0.07673	0.13056	0.08663	0.22036
MAL13P1.96	-0.78681	-0.92745	-1.01944	-1.11186	-1.07022	-1.15789	-1.2189	-1.34303	-1.01633	-0.70224	-0.42021	-0.22676	0.29704	0.65149	0.77931	0.56829	0.67707	0.73371	-0.06304	0.32487	0.09111	-0.34365	-0.56612	-0.74034
PF14 0502	-0.80769	-0.58641	-0.79122	-0.73036	-0.49863	-0.4696	-0.19099	0.30246	0.64418	0.66012	0.85964	0.95664	0.8132	0.53178	0.36243	0.24599	-0.21166	0.03582	-0.18152	-0.20253	-0.50002	-0.58212	-0.44846	-0.47401
PF11 0240	0.75431	0.80655	0.13659	1.15806	0.86482	0.79596	0.64107	0.65719	0.49848	0.58323	0.50945	0.51864	0.40867	0.49987	-0.11434	-0.01693	-0.22831	-0.33523	-0.27224	-0.05137	0.07787	0.25954	0.40682	0.50886
PF11 0184	-0.14577	0.21558	0.06885	0.82371	0.88725	1.0097	0.98404	0.64527	0.4122	0.64103	0.53965	0.37279	0.55047	0.43458	0.53365	0.60212	0.57216	0.16129	0.52067	0.12755	0.1523	-0.10264	-0.0536	-0.01391
PF13 0187	-0.3473	-0.57995	-0.82636	-0.79228	-1.08265	-1.10267	-0.67774	-0.78846	-0.00484	0.39475	0.59648	0.77833	0.67282	0.83969	0.61515	0.57755	0.45895	0.67233	0.20673	0.28221	-0.31389	-0.46156	-0.58417	-0.71658
PF10 0145	0.16238	0.4007	0.45334	0.28324	0.49861	0.42397	0.29826	0.4874	0.40242	0.40013	0.48143	-0.08245	0.45627	0.33503	0.35549	0.43855	0.40232	0.36125	0.28664	0.20111	0.17361	-0.01659	-0.07944	-0.00167
PFC0240c	0.69018	0.88213	0.57417	0.92131	0.90385	0.59416	0.42157	0.38427	-0.09371	-0.16476	-0.30448	-0.31605	-0.42913	-0.50647	-0.60975	-0.65958	-0.66215	-0.68002	-0.1362	-0.08631	0.09709	0.3921	0.47409	0.66613
PF14 0471	-0.58461	-0.80816	-0.82119	-1.09457	-0.85641	-1.14696	-0.88713	-0.63197	-0.19047	0.09283	0.35289	0.37289	0.37023	0.44198	0.50756	0.40085	0.24024	0.34976	-0.09628	-0.09629	-0.21404	-0.42806	-0.38345	-0.61294
PF13 0190	-0.78605	-0.23959	-0.01855	0.19956	0.2773	0.44325	0.64075	0.96972	1.07182	1.26147	1.21911	1.10039	0.8791	0.37699	-0.09848	-0.52613	-0.17665	-1.06346	-1.51427	-1.63488	-1.57687	-1.02865	-0.91626	-0.68132
MAL13P1.540	-0.38857	-0.0319	0.18856	0.3824	0.39527	0.57122	0.37358	-0.12534	-0.35006	-0.58851	-0.69316	-0.38298	0.06451	0.57233	0.64192	0.55556	0.47395	0.27254	-0.15905	-0.17727	-0.45101	-0.55181	-0.70492	-0.656
PF11 0067	1.42019	1.00036	0.88011	0.68758	0.96454	0.72331	0.38861	0.3238	0.14321	-0.3056	-0.28599	-0.49604	-0.92206	-1.34749	-1.64178	-1.84128	-1.92647	-1.75216	-0.35865	0.19873	0.34597	0.53385	0.71298	0.69009
PFD0975w	0.34289	0.726	0.65716	0.60255	0.63797	0.42509	0.53506	0.83957	0.7526	0.67589	0.54616	0.42845	0.17616	-0.09475	-0.23451	-0.43485	-0.50232	-0.47063	-0.63947	-0.4103	-0.02651	0.03606	0.22969	0.49672
PF10 0161	-0.09976	0.05285	0.45123	0.3833	0.72088	1.12029	1.23803	1.00543	1.01668	0.86944	0.67232	0.59326	0.60972	0.44539	0.29246	0.2009	0.073	0.17029	0.08987	0.08291	0.19856	0.25842	0.14128	0.37158
PF14 0025	-0.46136	-0.58811	-0.19812	-0.28094	-0.25941	-0.18153	-0.0783	-0.03036	-0.1315	0.21447	0.26127	0.64784	0.45163	0.59057	0.66749	0.62345	0.42681	0.48798	0.3116	-0.02997	0.30273	-0.24069	-0.26827	-0.60539
PF1220w	0.44893	0.25469	0.9326	0.34203	0.33214	0.24502	0.29487	0.09821	0.23157	0.48359	0.16364	0.1996	0.05675	0.12145	0.03142	0.1912	-0.43552	0.17143	0.31776	0.0168	0.00498	-0.12587	-0.01309	0.0256
PF13 0019	0.30686	0.18795	0.29207	0.19002	0.00272	-0.18255	-0.32078	-0.67889	-0.94178	-1.18534	-1.29047	-1.43773	-1.38425	-1.15551	-0.70586	0.05546	0.55685	0.72054	0.33809	0.49559	0.56594	0.48903	0.15686	0.02997
PFF0545c	-0.45946	-0.52375	-0.85318	-0.97439	-1.18093	-1.38032	-1.34188	-1.45996	-1.69574	-1.32012	-0.82712	-0.41354	0.13494	0.16464	0.8439	0.97171	0.86301	0.64725	1.02051	0.35129	0.0587	-0.19916	-0.52943	-0.65353
MAL13P1.120	0.04314	0.26606	0.11898	0.46633	0.34048	0.44213	0.34735	0.56506	0.88452	0.95368	0.67653	0.69616	0.83087	0.57816	0.34343	0.1078	-0.04153	-0.03909	-0.41103	-0.4357	-0.55915	-0.11589	-0.13416	-0.07409
PFL2075c	0.11628	0.60301	0.63451	0.59862	0.76125	0.94489	0.71897	0.73536	0.77079	0.65113	0.7133	0.78879	0.82055	0.4775	0.55035	0.31641	-0.28062	-0.00465	-0.09524	-0.68882	-0.87333	-0.69089	-0.55741	-0.16819
PF14 0528	0.37316	0.55654	0.46086	0.27535	0.3818	0.2379	0.29519	0.22034	0.11435	0.02115	0.31825	0.34149	0.29043	0.08595	0.06383	-0.18747	-0.3324	-0.78878	-0.64958	-0.85151	-0.63293	-0.18474	-0.07075	0.23032
PF08 0039	-0.82634	-0.05412	0.16988	0.15865	0.44851	0.26071	0.17629	0.43136	0.1203	0.31397	0.38928	0.19975	0.14341	0.03548	0.07734	-0.14597	-0.78335	-0.71036	-1.30749	-1.52687	-1.6333	-1.54244	-1.33284	-0.90954
PFI0460w	0.63267	0.2837	0.09929	-0.24267	-0.37672	-0.56299	-0.74603	-0.77267	-0.90876	-0.88872	-0.75399	-0.78685	-0.79296	-0.67036	-0.3325	0.16333	0.65433	0.66322	1.65115	1.09665	1.22004	0.91107	0.74124	0.28663
PF1275w	-0.26316	0.05746	0.00542	-0.08832	0.01011	0.23576	0.14893	0.4463	0.4199	0.70545	0.812	0.90992	0.80906	0.68862	0.57307	0.16829	0.13794	0.21592	-0.57552	-0.6643	-0.68559	-0.45147	-0.66952	-0.45713
PFA0140c	-0.1403	-0.19829	-0.47941	-0.40861	-0.33926	-0.47825	-0.31777	-0.15625	-0.10143	0.10539	0.35206	0.37439	0.49664	0.42891	0.36597	0.36966	0.19057	0.26914	0.20668	0.23923	0.00372	-0.08537	-0.1418	-0.17073
PFI0570w	-0.58615	-0.65262	-0.59922	-0.74757	-1.0552	-0.38903	0.28257	0.45336	0.73997	0.66018	0.54882	0.76274	0.53579	0.76637	0.62581	0.57242	0.47737	0.54422	0.12791	-0.00161	-0.21877	-0.41802	-0.69728	-0.90021
PFF0165c	-0.25342	-0.17293	-0.07366	0.03423	0.05196	0.25068	0.47837	0.45008	0.70131	0.67669	0.53079	0.68032	0.46611	0.50043	0.19438	0.0067	0.08353	-0.22365	-0.28413	-0.33254	-0.27642	-0.09224	-0.03869	0.00729
PFL0930w	-0.52018	-0.24811	-0.15099	0.0677	0.03398	-0.06758	-0.03315	-0.074	-0.10175	0.05672	0.07692	0.25429	0.43838	0.62368	0.6474	0.50288	0.47485	0.06584	-0.10305	-0.24696	-0.46002	-0.373	-0.49558	-0.65043
PFL14 0402	-0.60108	-0.76084	-0.77564	-0.98851	-0.90376	-0.65436	0.09282	0.34579	0.48193	0.14238	-0.15794	-0.31457	-0.39783	-0.12815	-0.05503	0.14192	0.16185	0.26612	0.05506	0.24409	0.33156	0.08403	0.01121	-0.3315
PFL0900c	-0.08463	0.18718	0.26899	0.49332	0.68223	0.63051	0.66484	0.92069	0.78355	0.90352	0.99899	0.73584	0.57609	0.38366	0.07875	-0.14453	-0.22241	-0.63272	-0.63571	-0.78708	-0.69841	-0.50959	-0.39025	-0.07657
PF11 0173	-0.44944	-0.8016	-0.45129	-0.23988	-0.05228	0.10127	0.31972	0.55173	0.40593	0.68761	0.64245	0.82643	0.67289	0.74175	0.40926	0.29609	0.04212	0.03449	-0.03893	-0.25843	-0.5236	-0.62572	-0.56264	-0.50739
PFL0110c	-0.65256	-0.64689	-1.19706	-0.77979	-1.05939	-0.99799	-0.97919	-1.00661	-1.41416	-1.4114	-0.95768	-0.59841	0.08369	0.26986	0.99633	1.09563	0.80124	0.87476	0.81521	0.32092	0.08939	-0.0109	-0.20767	-0.41114
PFL0495c	-0.7555	-1.15431	-1.03672	-1.28688	-1.30452	-1.25107	-0.8217	-0.54406	-0.00097	0.40178	0.32414	0.54319	0.61438	0.67277	0.5922	0.57008	0.55179	0.34938	0.19629	0.1103	-0.19589	-0.45852	-0.6045	-0.83678
PFL1040w	-0.81653	-0.50676	-0.89069	-1.21422	-0.95019	-1.0257	-1.00634	-0.64911	0.1976	0.60562	0.79681	0.73086	0.8347	0.70564	0.69845	0.51113	0.4294	0.20723	0					

PFL1475w	-0.52951	-0.27346	-0.03218	0.26575	0.31615	0.43494	0.405	0.51823	0.38125	0.66531	0.94549	1.07564	0.84614	0.51551	0.32038	0.25282	0.02681	-0.3499	-0.0752	-0.61337	-0.66258	-0.53215	-0.44643	-0.3291
PF13_0344	0.08704	0.31663	0.51369	0.42083	0.98114	0.94492	1.03928	1.04914	1.03618	1.0882	0.87155	0.78393	0.44825	0.28378	-0.11996	-0.3432	-0.472	-0.36491	-0.80596	-0.58785	-0.59484	-0.17088	-0.13775	0.18325
PF10_0237	0.50839	0.31992	-0.04718	0.18845	0.05424	0.06549	-0.11024	-0.15305	-0.48092	-0.78587	-0.15496	-0.13108	0.1484	0.39624	0.54157	1.01425	0.41634	0.61036	0.62879	0.56005	0.17996	0.38593	0.08772	
PFB0330c	-0.57711	-0.903	-1.22348	-1.41768	-1.63835	-1.99208	-2.23103	-2.2823	-2.18117	-1.86413	-1.78298	-1.64912	-0.79731	0.38995	0.99742	1.14247	0.93218	1.12576	0.83197	0.60528	0.23172	-0.33881	-0.79995	-1.06707
MAL5_tRNA_Leu2	0.19317	0.85862	0.03826	0.47415	0.24588	0.6361	0.56179	1.15743	0.95264	0.17849	0.3337	0.52779	-0.1875	-0.19038	-0.04326	-0.07501	-0.33301	0.52314	0.7489	0.00636	0.3559	1.22997	0.79089	0.32349
PFL2365w	-0.23345	-0.25021	0.00156	-0.27534	-0.1345	0.00309	-0.06578	-0.16378	0.13756	0.18682	0.36814	0.53398	0.62654	0.72079	0.75536	0.53446	0.26451	0.43139	-0.09379	-0.18779	-0.37102	-0.38911	-0.38141	-0.40001
MAL13P1.60	1.4737	0.39931	0.01485	-0.97188	-1.33938	-1.71139	-2.27661	-2.6919	-3.27853	-3.68695	-3.70619	-4.10409	-4.34811	-4.7923	-4.70003	-3.97824	-2.13656	-0.79403	1.05464	1.34186	1.43437	1.48638	1.58302	1.43806
PF10_0173	-0.2416	-0.04112	0.3221	0.26675	0.2574	0.44093	0.57046	0.53881	0.7403	0.92459	0.65987	0.75948	0.20983	0.18058	-0.07865	-0.10196	0.18439	-0.0611	-0.21264	-0.03264	-0.25819	-0.23722	-0.29084	-0.20223
PF0565c	0.48057	-0.03115	0.05638	0.28892	0.07972	0.10049	-0.06986	-0.38063	-0.5901	-0.41927	-0.33582	0.00632	-0.146	-0.22221	-0.20387	-0.06727	0.11058	0.0642	1.22139	0.63283	0.68234	0.42357	0.91734	0.90949
PF10_0136	-0.05654	0.14125	0.71324	0.53955	0.62456	0.84327	0.68499	0.16167	-0.0175	-0.00032	0.02815	0.12826	0.20458	0.25738	0.31195	0.09145	-0.24331	-0.04975	-0.26347	-0.50114	-0.29676	-0.35867	-0.0541	
PFL1650w	-0.41685	-0.29161	-0.53145	-0.59346	-0.50982	-0.57585	-0.23027	0.11012	0.0685	0.46111	0.43579	0.49208	0.54622	0.63227	0.45055	0.28883	0.12169	0.24741	-0.08336	0.07789	-0.04596	-0.11179	-0.28667	-0.40638
PFL0615w	-0.35914	-0.26562	-0.4521	-0.36667	-0.60814	-0.40555	-0.22328	0.24885	0.32455	0.29876	0.4596	0.71565	0.60697	0.44247	0.6143	0.45266	0.25114	0.33319	0.24771	-0.12922	-0.15238	-0.34538	-0.38935	-0.28906
PF11_0054	-0.59772	-0.77281	-0.68639	-0.85253	-0.9446	-0.89759	-0.58555	-0.68101	-0.63233	-0.46957	-0.2724	0.08628	0.62211	0.82877	0.88833	0.74108	0.49459	0.60222	0.07432	-0.10002	-0.32913	-0.24768	-0.49395	-0.51355
PF10_0128	0.19708	0.68335	0.71332	0.82487	0.79679	0.72077	0.69529	0.72872	0.69798	0.70694	0.71848	0.64669	0.53994	0.27629	0.18632	-0.2137	-0.39596	-0.86423	-0.79278	-0.94671	-0.67839	-0.2105	-0.12516	0.08476
PF14_0282	0.45449	0.75304	0.6572	0.52331	0.50958	0.41212	0.29893	0.07932	0.35922	0.51847	0.71184	0.79365	0.79629	0.91055	0.50908	0.18153	0.07925	-0.19719	-0.84298	-0.75848	-0.65285	-0.21771	-0.20201	-0.10382
PF13_0181	0.13626	0.10596	0.27523	-0.22388	-0.30169	-0.24033	-0.23287	-0.22388	-0.59678	0.23421	-0.07098	0.30434	0.1719	0.37496	0.07232	-0.01756	0.09031	0.25701	0.04971	0.34509	0.31923	0.47199	0.38704	0.53763
PF10_0342	-0.11534	-0.33557	-0.61463	-1.12482	-1.58553	-1.91708	-2.05076	-2.46615	-2.80934	-3.35721	-3.44947	-3.43197	-2.86432	-2.08777	-0.59513	0.39965	0.78887	0.92199	1.23688	0.95742	0.75679	0.41742	0.21908	-0.29874
PF14_0527	0.70469	-0.58209	-0.80051	-0.8936	-0.74212	-1.30882	-1.49627	-1.45706	-1.80511	-2.46468	-2.54407	-3.02606	-3.28678	-3.43614	-3.22971	-2.50503	-0.59959	-0.92133	1.70027	1.46897	1.47354	0.91176	1.46829	1.72171
PFD0735c	-1.1868	-1.38096	-1.62864	-1.50605	-1.50916	-1.59115	-1.25153	-1.02456	-0.42503	0.03786	-0.06946	0.16987	0.59909	0.97075	0.76119	0.53749	0.48201	0.45176	-0.35073	-0.07566	-0.52002	-0.86392	-1.15194	-1.37154
PFL0720w	0.22504	0.19536	0.08231	-0.08287	-0.24987	-0.04868	0.1352	0.49291	0.87162	0.48768	0.59728	0.63942	0.31098	0.5191	0.52946	0.70257	0.42265	0.51413	0.64628	0.47794	0.23724	0.10803	-0.20337	-0.48609
PF11_0084	-0.8418	-0.8485	-0.21578	-0.34722	-0.22591	-0.09319	0.10572	0.1015	0.2336	0.4831	0.56587	0.60263	0.67072	0.66477	0.46633	0.35317	0.33213	0.05309	-0.24282	-0.31308	-0.5729	-0.66644	-0.72164	-0.459
PFB0315w	0.7267	0.12106	-0.45709	-0.43015	-0.84081	-1.16916	-1.37628	-1.54851	-1.7127	-1.69061	-1.59472	-1.41981	-1.31659	-1.27831	-1.06648	-0.90982	-0.30593	0.19136	0.99165	0.94803	1.14933	1.06768	1.11213	0.99118
MAL7P1.5	2.39094	2.32955	1.58296	2.09345	1.89886	1.79669	1.40105	1.22029	0.30774	-0.07542	-0.01103	-0.04717	-0.34338	-0.31346	-0.46461	-0.66291	-0.77349	-0.07427	0.6944	1.30227	1.36702	1.56678	1.61309	
MAL8P1.150	0.40414	-0.06253	-0.26376	-0.55548	-0.81546	-1.01492	-1.25632	-1.46101	-1.84364	-2.15985	-2.40291	-2.58686	-2.43596	-1.97972	-1.02456	-0.09803	0.7125	0.77187	0.99138	1.11574	1.20415	0.99435	0.76223	0.40529
PF08_0084	0.38775	0.45751	0.79305	1.22508	0.95666	0.76603	0.67461	1.02316	0.94319	0.7635	0.89733	0.99741	0.58213	0.4727	0.45342	0.45617	-0.27415	0.02111	0.10182	-0.15197	-0.2183	-0.14384	-0.01504	0.07667
PFL1410c	0.72069	1.05678	1.47657	1.71173	1.8761	1.70639	1.32062	0.90366	0.57059	0.13147	-0.2838	-0.50361	-0.71625	-0.73571	-1.0206	-1.06399	-1.09969	-1.06962	-1.18749	-0.73635	-0.33774	-0.00193	0.3043	0.51525
PFD0485w	0.09615	0.26665	0.22289	0.29342	0.24038	0.29819	0.32228	0.3762	0.24124	0.13094	0.07752	0.07475	-0.26026	-0.52547	-0.85469	-0.50583	-0.15255	-0.31517	0.3013	0.14356	0.12157	0.01199	0.1454	0.11878
PF10_0077	-0.07155	-0.18647	-0.12701	-0.24352	-0.33882	-0.29733	-0.35709	0.54385	0.59214	0.59579	0.61588	0.71827	0.67211	0.35633	0.06953	-0.18692	-0.50106	-0.4618	-0.5747	-0.75504	-0.63184	-0.50156	-0.36752	-0.11171
MAL7P1.145	0.60802	0.45612	0.27692	0.13245	0.12849	0.24728	0.21043	-0.00214	0.2871	0.1545	0.07785	0.10171	0.33006	0.33987	0.32973	0.39455	0.3762	0.47084	0.30495	0.25463	0.01301	0.18247	0.08643	0.06267
PFC0070c	-0.89193	-0.76403	-0.68291	-1.22922	-0.30271	0.66302	1.33817	1.83159	1.50189	1.26091	1.11095	0.77869	0.43268	0.37059	0.23923	0.09296	-0.20817	-0.18098	-0.26187	-0.68447	-0.94523	-0.95652	-1.03777	-1.13291
PF11110c	-0.16142	0.35958	0.40462	0.56832	0.41241	0.48186	0.52702	0.5408	0.68356	0.68866	0.73031	0.77459	0.61443	0.33436	0.26856	-0.085	-0.58788	-0.57626	-0.92724	-1.02543	-0.85461	-0.36763	-0.20294	-0.2263
PF14_0237	-0.18934	-0.04928	0.43185	0.32023	0.29102	0.47551	0.41618	0.27418	0.18225	0.04306	0.03537	-0.01013	0.11448	0.12904	0.41213	0.41571	0.19818	0.27164	0.30976	0.1389	-0.0188	-0.17064	-0.15714	0.03067
PF13_0291	-0.96619	-1.22874	-1.374	-1.59224	-1.71159	-1.85631	-2.00762	-1.89611	-1.45686	-0.84205	-0.25781	-0.08185	0.41469	0.50975	0.746	0.83824	0.45876	0.37883	0.57432	0.11183	-0.05913	-0.49842	-0.83393	-1.07909
MAL8P1.135	0.48793	0.03156	0.1612	-0.46208	-0.26015	-0.5646	-0.73379	-0.83703	-1.50179	-1.53136	-1.45135	-1.40504	-1.24474	-0.73277	-0.19481	0.46725	0.61156	0.76896	1.39122	1.25925	1.10491	0.66221	0.67968	0.35626
PF11_0349	0.38059	0.50095	0.549	0.48868	0.43077	0.42398	0.36189	-0.02	-0.06166	-0.16297	-0.18066	-0.07149	0.21763	0.46947	0.42025	0.40677	0.38698	0.24155	-0.08531	-0.12357	-0.24388	-0.03388	-0.12963	-0.13563
PFL2270w	1.0246	0.7211	0.36039	0.59894	0.58464	0.33405	0.07855	0.10488	-0.25312	-0.43463	-0.07717	-0.1533	-0.17463	-0.41481	-0.27138	-0.39978	-0.61256	-0.61684	-0.26568	0.16109	0.37203	0.40405	0.83322	1.1342
PFF0400w	-0.48813	-0.42266	-0.21903	-0.30846	-0.31082	-0.09213	0.02459	-0.16375	0.05736	0.14862	0.22427	0.50217	0.72814	0.91143	0.83195	0.48842	0.3881	0.32126	-0.42322	-0.34631	-0.5479	-0.60536	-0.74058	-0.63706
PF08_0067	-0.49994	-0.60177	-0.41367	-0.74695	-0.6745	-0.32727	0.01404	0.07715	0.45093	0.42986	0.31329	0.60473	0.44001	0.49093	0.42943	0.40758	0.19231	0.26469	0.34083	0.16987	-0.28243	-0.4193	-0.53604	-0.58102
PFL1515c	0.82678	0.29864	0.15425	0.05718	-0.16336	-0.33676	-0.61303	-0.59047	-0.89878	-0.98145	-1.01666	-0.99439	-1.1405	-1.1801	-1.26558	-1.19617	-0.22602	-0.2814	0.94856	0.82449	1.03914	1.03627	1.16974	1.30349
PF14_0256	0.28256	0.43276	0.57936	0.55852	0.83584	0.90772	0.71585	0.86358	0.80109	0.83327	1.11728	1.06665	0.87636	0.41823	0.27573	-0.03913	-0.47508	-0.2695	-0.37631	-0.53671	-0.36813	-0.13951	0.21804	0.50903
PFL13_0260	-0.49612	-0.51372	-1.66864	-0.8013	-0.80834	-0.81251	-0.90702	-0.79748	-0.82799	-1.0253	-0.99227	-0.85305	-0.33722	-0.2034	0.59114	0.94825	0.79785	0.76916	1.27773	0.76318	0.61947	0.15473</		

PF1200w	0.64659	-0.11943	0.13927	-0.19084	-0.1144	-0.27979	-0.33768	-0.63151	-0.84956	-0.6415	-0.59758	-0.73753	-0.65303	-0.54608	-0.53548	-0.54343	-0.38312	-0.1938	0.68751	0.76276	0.83192	0.66031	0.72147	1.03782
PF14 0390	0.15874	0.5171	0.5683	0.32463	0.32768	0.03304	-0.18876	-0.43301	-0.64271	-0.24192	-0.10005	0.14042	0.24575	0.33961	0.25854	0.12714	-0.32845	-0.16986	-0.92554	-0.81029	-0.50103	-0.16203	-0.06567	-0.13481
PFE0125w	0.95912	2.04437	1.04202	0.86221	0.69655	1.06936	1.41353	0.68853	1.58693	0.93046	0.60867	0.58275	0.22772	0.12302	0.05199	-0.11498	-0.28086	-0.08693	0.0293	0.01852	0.13196	0.10089	0.04715	0.08346
PF11 0305	0.05971	0.69654	0.7823	0.91976	0.77276	0.69623	1.11966	1.23521	1.30099	1.30651	0.94507	0.83632	0.5797	0.18939	-0.24969	-0.73327	-0.87756	-0.92735	-1.52855	-1.48349	-1.21771	-0.72732	-0.54791	-0.05244
PFL2370c	-0.54954	-0.49506	-0.23022	-0.72153	-0.48528	-0.56734	-0.40989	-0.30699	-0.19131	-0.35196	-0.1156	0.00138	0.17965	0.20776	0.20895	0.56478	0.14776	0.45086	0.40829	0.05098	-0.00605	-0.38423	-0.4801	-0.42408
PF14 0345b	-0.21473	-0.2195	-0.13703	-0.16432	-0.07514	-0.17639	-0.0756	0.04621	0.01871	0.08766	0.4605	0.29638	0.47196	0.34155	0.32572	0.39362	0.13885	0.17727	0.25067	0.09945	-0.12817	-0.29711	-0.23113	-0.04236
PFL2065c	-0.37601	-0.4905	-0.73929	-0.44365	-0.37005	-0.12068	0.07378	0.84509	0.61151	0.53075	0.69039	0.74884	0.28422	-0.10336	0.02329	0.09027	-0.04885	0.16912	0.56102	0.19686	-0.02564	-0.16412	-0.16084	-0.32579
PFC0850c	-0.08132	0.27973	0.60162	0.52581	0.36281	0.38914	0.44308	0.51742	0.49843	0.6832	0.6758	0.75144	0.62384	0.48575	0.27538	-0.07042	-0.17481	-0.3809	-0.60562	-0.71164	-0.85566	-0.47858	-0.26258	-0.12536
PF14 0419	0.435	0.44904	0.22064	0.102	0.14232	0.02787	-0.02134	-0.20169	-0.3714	-0.26382	-0.29625	-0.16234	-0.16995	-0.05685	-0.00519	0.19628	0.56316	0.6595	0.39252	0.74086	0.7559	0.74291	0.53825	0.21434
PF08 0097	-0.41237	-0.42812	-0.35828	-0.21907	0.07118	0.54101	0.69589	0.87196	0.99309	0.77586	0.7163	0.62635	0.45627	0.36705	0.30485	-0.00021	0.16091	0.26891	-0.01543	-0.22982	-0.32855	-0.33219	-0.31787	
PF14 0549	0.51096	0.71095	1.1555	1.20786	0.98403	1.14197	1.00622	1.01365	0.76245	0.71852	0.64709	0.54879	0.57325	0.31227	0.29916	0.23549	0.08307	0.03209	0.77689	0.14325	0.06709	0.4601	0.33625	0.16036
PFB0279w	-0.27227	-0.03419	0.26626	0.29944	0.46773	0.52625	0.88781	0.71306	0.94227	0.88084	0.53061	0.34699	0.27349	0.327	-0.29767	-0.54428	-0.36665	-0.48073	-1.38295	-0.61479	-0.51512	-0.25523	-0.09973	0.34106
MAL13P1.209	-1.24948	-0.32845	0.05976	-0.07202	0.07815	0.08748	-0.02304	0.51087	0.05069	0.33745	0.47528	0.26331	0.27524	0.08091	0.1559	-0.23377	-0.97436	-0.86364	-1.10205	-1.58549	-1.19743	-1.29292	-1.18177	-0.95305
PF1700c	0.43518	0.19002	0.46446	0.22082	0.26686	0.22483	0.08837	-0.01736	-0.01063	0.00105	0.08245	0.20742	0.33765	0.3783	0.22657	0.03303	-0.2447	-0.05242	-0.08012	-0.06003	0.79504	0.08346	0.18439	0.45431
PF14 0485	-0.83997	-0.44645	-0.56321	0.45651	0.31927	0.59479	0.79124	0.87501	0.79891	0.75214	0.58346	0.67999	0.70442	0.52251	0.41037	0.18351	0.15958	-0.03558	-0.30617	-0.24016	-0.27709	-0.14707	-0.04001	-0.02175
MAL13P1.31	-0.96493	-1.2559	-0.51955	-1.06258	-0.88001	-0.94251	-0.52123	0.14709	0.60845	0.89692	0.93706	1.02879	0.89881	0.86134	0.49401	0.26707	0.05685	-0.07139	-0.58763	-0.54932	-0.72251	-0.69835	-0.82678	-0.66716
PF11735c	0.63052	1.41782	2.58405	2.55095	3.3618	2.62212	2.82103	1.47289	0.63086	-0.12642	-1.33569	-2.53318	-1.33817	-3.8749	-4.07394	-4.36481	-2.82004	-3.69475	-2.98745	-3.14916	-1.91555	-0.72651	-0.31374	0.63408
PF11 0122	-0.10561	-0.06963	-0.47563	-0.14644	-0.10009	-0.06816	-0.17218	-0.19499	-0.18434	-0.21543	-0.09307	0.05831	0.23748	0.229	0.55101	0.57286	0.56597	0.49635	0.51251	0.17704	0.04358	0.27435	0.08543	0.12126
PFB0175c	0.77277	1.21451	1.06551	1.12904	1.10185	1.09459	1.22296	1.23479	1.3614	1.17522	0.90713	0.57451	0.19417	-0.20839	-0.71663	-1.05961	-1.17699	-1.30733	-1.64521	-0.97122	-0.4238	0.17328	0.39366	0.67732
PF11 0253	0.17915	-0.36045	-0.64852	-0.40571	-0.59675	-0.41158	-0.22824	0.15476	0.07549	-0.22368	-0.35395	-0.44488	-0.43359	-0.3241	0.1503	0.59781	0.821	0.63293	1.16584	0.6675	0.64532	0.49078	0.30386	0.0882
PFI0755c	-0.79492	-0.28168	0.04026	0.46132	0.59474	0.73172	0.59678	0.51126	0.45714	0.55301	0.66187	0.62368	0.58893	0.50685	0.27981	-0.04352	-0.44167	-0.75727	-0.93778	-1.4387	-1.54568	-1.29805	-1.24852	-0.86071
PF14 0462	-0.88133	-0.85653	-1.00849	-0.8404	-0.62035	-0.6174	-0.39033	-0.36778	-0.28989	-0.07523	0.04033	0.15505	0.39033	0.55976	0.57549	0.60024	0.34505	0.39275	0.17801	0.10041	-0.23822	-0.35071	-0.54066	-0.7248
PF14 0243b	0.51211	0.62087	0.46036	0.63727	0.9427	0.73523	0.93115	0.85807	0.44405	0.18253	0.11192	0.07743	0.04967	0.1744	0.37117	0.51165	0.6486	0.33381	0.65373	0.3844	0.49081	0.36943	0.21174	0.21956
PF07 0078	0.04491	-0.67371	-0.56116	-0.98566	-1.06679	-1.03695	-1.1923	-1.1899	-0.72193	-0.39253	-0.31934	0.00624	0.03214	0.23625	0.38709	0.61085	0.76016	0.71264	1.25464	0.96087	0.85341	0.46127	0.42012	-0.01191
PFL1355w	-0.09233	-0.24628	-0.38186	-0.1829	-0.25145	0.08917	0.1187	0.27289	0.32224	0.23918	0.49395	0.46934	0.58567	0.48074	0.34423	0.6388	-0.01529	0.43204	0.54461	-0.1754	-0.13084	-0.30523	-0.48406	-0.42335
PFC0365w	-0.32752	0.0477	-0.04789	0.76021	1.02792	0.67712	0.36547	0.43018	0.26489	0.15797	0.48735	0.412	0.19115	-0.01201	-0.18664	-0.39533	-0.81211	-0.83504	-0.87246	-0.97101	-0.65567	-0.66036	0.56525	1.06135
PF14 0576	-0.38189	0.19682	0.24503	0.1021	0.55332	0.38507	0.33134	0.68613	0.67315	0.62555	0.73981	0.63916	0.47694	0.03322	-0.02376	-0.05806	-0.24402	-0.27246	-0.35773	-0.69885	-0.759	-0.56221	-0.55119	-0.50579
PFC1000w	0.05623	0.72161	0.95108	0.95565	0.94515	0.92868	1.02963	0.92732	1.06615	0.90571	0.73131	0.65932	0.42523	0.21762	-0.04523	-0.26251	-0.53762	-0.30363	-0.44756	-0.47967	-0.58114	-0.26968	-0.179	0.04053
PFF1295w	0.11098	0.38065	0.46099	0.44904	0.56032	0.55265	0.47915	0.43314	0.29685	0.36852	0.68837	0.74365	0.65218	0.24041	0.21575	-0.12889	-0.5873	-0.50071	-0.83328	-1.0591	-1.06342	-0.7618	-0.59643	0.33143
PFA0245w	0.21088	-0.50439	-0.90673	-1.17006	-1.46988	-1.45242	-1.98436	-1.96578	-1.92445	-1.2103	-0.39958	-0.29952	-0.03105	0.02243	0.171	0.23176	0.02961	0.12252	0.9584	0.66998	0.41738	0.31089	0.3144	0.30769
PFE0840c	-0.4187	-0.51915	-0.38284	-0.52616	-0.51767	-0.58367	-0.58571	-0.68364	-0.85976	-0.89687	-0.98278	-0.8364	-0.21261	0.47267	0.77052	0.84845	0.65685	0.80142	0.11836	0.4226	0.24849	0.07708	-0.0958	-0.27299
PFL2410w	0.35847	0.26472	0.00575	0.01888	-0.04248	-0.40806	-0.52201	-0.27624	-0.58567	-0.58323	-0.73717	-0.84725	-0.9596	-1.07844	-1.35357	-1.06332	-0.48075	0.05654	0.55196	0.58595	0.42521	0.5515	0.55615	0.49617
PFE0980c	-1.01902	-0.97759	-0.5605	-0.37668	-0.01059	0.2779	0.53625	0.45411	1.04906	1.00901	0.7107	0.75158	0.77705	0.81749	0.1925	-0.07102	0.0333	-0.11108	-0.82437	-0.47597	-0.65342	-0.55399	-0.59171	-0.68132
PF14 0433	0.55507	0.47783	0.13319	0.48587	0.61511	0.34916	0.22615	0.5793	0.5188	0.34518	0.23108	0.11827	-0.3106	-0.49376	-0.81286	-0.67195	-0.90232	0.00169	0.10499	0.38482	0.39491	0.33662	0.54138	0.46118
PFF1365c	0.28774	-0.40117	-0.59086	-0.96263	-1.27405	-1.53619	-1.8475	-2.159	-2.68789	-2.8309	-3.20545	-3.42455	-3.4053	-2.96384	-1.69565	-0.18241	0.8953	1.00334	0.89301	1.17783	1.21428	1.06475	0.82426	0.11291
PF14 0394	-0.56815	-0.4839	-0.2504	-0.64956	-0.36124	-0.14734	-0.14832	-0.22376	-0.21305	-0.05452	0.04979	0.26384	0.37428	0.36897	0.55315	0.60323	0.47811	0.42668	0.24106	0.07467	-0.16019	-0.44713	-0.60492	-0.63742
PF14 0631	0.03567	0.16056	0.26155	0.54797	0.69127	0.83503	0.76843	0.55541	0.48727	0.47772	0.31099	0.1202	0.18162	0.22533	-0.12274	-0.07467	0.05763	0.14187	-0.264	0.41178	0.65347	0.88501	0.92127	0.88978
MAL8P1.81	-0.21671	0.12645	0.12092	-0.33771	-0.55154	-0.53528	-0.77598	-1.0267	-1.65604	-2.1321	-2.51152	-2.87541	-2.47013	-1.65174	-0.15647	0.2792	0.66682	0.29085	0.99573	0.54665	0.37418	0.23801	0.2696	0.16155
PFE1173c	-0.30101	0.04641	-0.06111	-0.13556	-0.01976	-0.18716	-0.20892	-0.16063	0.09107	0.38291	0.41052	0.50969	0.58813	0.34997	0.44043	0.42191	0.46737	0.28145	0.43479	0.17768	0.17173	0.0813	0.18941	0.18584
PFB0615c	0.1653	0.09398	0.54726	0.25178	0.37099	0.14543	-0.01587	0.12988	0.37843	0.57889	0.49615	0.60359	0.58482	0.54812	0.31824	0.02168	0.3302	0.26318	-0.315	0.06908	0.26646	0.42441	0.27332	0.42781
PF13 0258	0.40868	-0.00135	0.25044	0.42476	0.46029	0.37164	-0.14688	0.17833	-0.02484	-0.15822	-0.33684	-0.26425	-0.13709	0.05477	0.17953	0.49978	0.8205	0.4342	0.57381	0.54256	0.55429			

PFL1600c	0.54522	0.74562	0.66977	0.87673	0.97131	0.75128	0.70809	0.68416	0.28734	0.0365	-0.27385	-0.53491	-0.61744	-0.44225	-0.49293	-0.24993	0.35125	0.25974	-0.20234	0.61509	0.78785	0.92895	1.01826	1.0196
PF13 0285	0.31221	0.04685	-0.07276	0.06516	0.0599	0.15858	0.16761	0.20445	0.23745	0.10701	0.03426	-0.188	-0.22117	-0.27275	-0.11767	0.12868	0.43528	0.51066	1.00572	0.69648	0.70685	0.55115	0.50588	0.30678
PFA0335w	-0.56031	-0.72064	-1.16064	-1.07328	-1.08613	-1.16755	-1.11731	-0.97389	-0.79267	-0.65061	-0.12711	-0.09669	0.14868	0.20523	0.51768	0.67649	0.5439	0.67759	0.61572	0.22398	-0.00581	-0.53329	-0.6656	-0.80905
PFI0195c	-0.36306	-0.00065	0.20129	0.08443	-0.01176	0.08727	0.17229	0.14547	0.20132	0.13162	0.15819	0.29953	0.27485	0.19512	0.35885	0.02345	-0.32473	-0.33781	-0.50616	-0.65503	-0.72128	-0.45789	-0.36951	-0.32313
PF14 0720	-0.1373	-0.33663	-0.64379	-0.54633	-0.57572	-0.57791	-0.7117	-0.50889	-0.19005	0.00529	0.30861	0.53961	0.51347	0.50681	0.52422	0.53667	0.3405	0.47558	0.28768	-0.00417	-0.15691	0.05598	-0.23213	-0.2613
PF14 0716	-0.8905	-0.65452	-0.52343	-0.48519	-0.48896	-0.36013	-0.35571	-0.39427	-0.10452	-0.01585	0.34016	0.49584	0.48585	0.26463	0.62277	0.45033	-0.03021	0.05104	0.01001	-0.30001	-0.5055	-0.77654	-0.67861	-0.66121
PF10 0031	-0.49455	-0.48463	-0.25679	-0.19937	-0.17125	0.01618	-0.00289	-0.73604	-0.89111	-0.59587	-0.55051	-0.29232	-0.0724	0.51496	0.62677	0.72985	0.75305	0.59419	0.41336	0.56432	0.44293	-0.00674	-0.24952	-0.54442
PF08 0137	1.14661	1.02405	0.95682	0.92666	0.79374	0.78051	0.98052	1.08956	1.58776	1.28045	0.85219	0.61512	0.11857	-0.5126	-1.16414	-1.30771	-1.05824	-1.50133	-1.23229	-0.73288	-0.11304	0.23965	0.77824	1.05418
PF08 0009	-0.0413	-0.3121	-0.85321	-0.6224	-0.70259	-0.6684	-0.75657	-0.71734	-0.41516	-0.21811	-0.01331	0.25668	0.50329	0.61831	0.80403	0.92035	0.4348	0.91619	0.88348	0.61218	0.31167	-0.04671	-0.17123	-0.28588
PF14 0600	0.07935	0.10113	-0.07826	0.18642	0.1882	0.28153	0.27973	0.74719	0.67523	0.39304	0.3803	0.41389	0.07166	-0.002	-0.07944	0.01566	-0.34135	0.09478	-0.0141	-0.13888	-0.2496	-0.23956	-0.00626	-0.11881
PF13 0228	-0.26862	0.32352	0.76772	0.64354	0.77335	0.62349	0.85685	0.71654	0.57313	0.80609	0.9308	0.32942	0.26391	0.26679	-0.02424	-0.1596	-0.13993	-0.58115	-1.34436	-1.75156	-1.67467	-0.80546	-0.86415	-0.76906
MAL7P1.174	-2.4966	-2.13634	-1.48941	-1.19069	-0.25177	0.78326	1.29744	1.45537	1.71666	1.27488	1.03255	1.05615	0.39189	-0.08034	-0.56926	-0.98955	-1.50093	-1.49267	-1.79571	-2.4806	-2.64427	-2.5524	-2.56773	-1.60031
PF14 0103	-0.34238	-0.2806	-0.69991	-0.1186	-0.17349	-0.28311	-0.5839	0.12729	0.18035	0.42163	0.49632	0.62868	0.77639	0.33895	0.42193	0.35922	-0.04876	0.1284	0.21253	-0.37664	-0.26226	-0.16887	-0.15214	-0.30464
PFC10 API0012	-0.21404	-0.60521	-0.8343	-1.15327	-0.96493	-1.23536	-1.17149	-0.93782	-1.05057	-0.79219	-0.82494	-0.58425	-0.39283	0.01937	0.34406	0.79008	0.96303	0.91009	0.28827	0.43316	0.14464	0.46306	-0.225	-0.51931
PFL1955w	-0.03835	-0.42759	0.54939	1.09032	1.47403	2.67235	2.55502	1.86176	1.50363	0.94629	0.42725	-0.14453	-1.17909	-1.73647	-2.52955	-2.40522	-3.20001	-2.90213	-3.05535	-2.64487	-2.11248	-1.66512	-1.22679	-0.47218
PFI1500w	-0.62022	-0.78316	-0.74142	-0.90959	-0.75076	-0.5044	-0.22113	-0.27766	0.17654	0.44065	0.31575	0.52113	0.61385	0.83821	0.53763	0.45534	0.44274	0.32686	-0.02211	0.24662	0.10579	0.04308	-0.16223	-0.41573
PF14 0176	-0.46488	-0.5814	-1.14742	-0.05492	-0.0246	0.13682	-0.05422	0.04864	0.1419	0.17591	0.28105	0.37816	0.47066	0.49307	0.7827	0.67521	0.27274	0.34048	0.31886	-0.19745	-0.49729	-0.3316	-0.54327	-0.62603
PFI1695c	-0.29129	-0.20411	0.10769	0.17243	-0.1378	0.16882	0.08318	0.23417	0.00399	-0.006	0.14311	0.12736	0.45129	0.10708	0.5811	0.389	-0.03804	-0.15172	-0.08719	-0.50881	-0.65742	-0.75084	-0.42195	-0.30597
PF14 0339	-0.19798	-0.48533	-0.20944	-0.25567	-0.26709	-0.16268	0.01357	0.10926	0.56503	0.904	0.92639	0.92636	0.86302	0.52729	0.33147	0.28337	-0.22225	-0.03726	0.05271	-0.05781	-0.03348	-0.17562	-0.13734	-0.08563
MAL8P1.204	1.79418	1.93912	1.47026	1.36092	1.26343	0.93576	0.66199	0.3737	-0.15883	-0.55102	-0.72233	-0.72399	-0.50705	-0.32506	-0.02167	0.08097	-0.12084	0.07326	-0.02695	0.00677	0.31451	0.8421	0.94125	1.06338
PF11 0385	-0.37735	-0.34921	0.04269	-0.34101	-0.56763	0.06581	0.38355	0.9086	1.03875	0.83362	0.99771	1.01615	0.95059	0.62225	0.52941	0.36144	0.1567	0.04519	0.15336	-0.2933	-0.31191	-0.05245	-0.28085	-0.34954
PF14 0114	-0.27302	-0.33607	-0.86937	-0.34134	-0.39944	-0.44278	-0.18926	0.18778	0.32487	0.40581	0.4253	0.24683	0.45158	0.46341	0.45839	0.38871	0.37549	0.23872	0.04686	-0.16423	-0.242	-0.22797	-0.37647	-0.48487
PF14 0222	1.15962	0.64607	0.33684	0.16124	-0.09471	-0.43702	-0.62538	-0.91964	-0.95826	-0.97377	-0.97168	-0.99156	-1.02068	-1.15659	-0.86591	-0.3671	0.34725	0.83353	1.48762	1.3414	1.33453	1.09434	1.21992	0.85838
PF10 0104	-0.46007	-0.06993	0.27179	0.19032	0.21167	0.32768	0.46899	0.45537	0.4581	0.36781	0.47187	0.43217	0.41946	0.32177	0.51938	0.38033	-0.08778	-0.26873	-0.03934	-0.3616	-0.56938	-0.3855	-0.4141	-0.31113
PFL0885w	0.63128	0.42699	0.27613	0.45291	0.34898	0.08483	-0.14265	-0.10339	-0.3776	-0.36904	-0.53906	-0.56518	-0.68582	-0.75356	-0.66341	-0.16404	0.18298	0.13389	0.70533	0.57696	0.66124	0.62384	0.70405	0.50464
PF14 0374	0.79841	-0.20855	-0.3333	-0.03808	-0.18406	-0.70336	-1.14724	-1.46514	-2.2292	-2.49748	-2.49168	-2.52184	-2.49899	-2.25501	-2.12817	-1.38182	-0.50403	-0.55616	0.89676	1.20076	1.27117	1.14961	1.7247	1.71502
PF10 0047	-1.67672	-1.37701	-1.18138	-1.44778	-1.11447	-0.78455	-0.15261	0.34777	0.99556	1.07987	0.94458	0.97671	0.85742	0.51986	-0.05939	-0.44206	-0.44018	-0.47576	-1.23589	-0.87341	-0.99051	-1.07177	-1.17102	-1.3501
PF14 0727	0.03585	0.36138	0.18957	0.21963	0.94404	0.79504	0.5005	0.34945	0.32928	0.14251	0.21377	-0.45944	-0.30093	-0.53577	-0.61819	-0.48185	0.68071	-0.00302	-0.04035	0.18199	0.8791	0.88352	0.9982	1.30788
PF07 0087	-2.24962	-2.46204	-2.44589	-2.86306	-2.95664	-2.7385	-1.90436	-1.14517	-0.64783	-0.23654	0.18947	0.40363	0.78851	0.979	0.97282	0.73433	0.40144	0.42383	-0.39885	-0.95996	-1.3977	-1.72412	-1.99927	-2.05152
PF14 0697	-0.00117	0.10323	0.13998	0.6274	0.75228	0.76328	0.56818	0.40776	0.42723	0.27691	0.54685	-0.009	-0.11527	-0.15252	-0.33551	-0.20706	-0.54255	-0.15123	0.10966	0.28596	0.74053	0.95799	1.01019	1.14605
MAL13P1.323	0.37752	0.3326	0.52524	0.39213	0.40435	0.5255	0.53267	0.38475	0.84521	0.79788	0.48283	0.56802	0.57806	0.58422	0.18516	0.01896	-0.05681	-0.35756	-0.07651	-0.04234	0.10824	0.16607	0.16607	0.10806
PF07 0022	-0.4251	-0.64074	-0.01371	-0.60222	-0.33867	-0.48494	-0.52877	0.39231	1.18096	1.30374	1.12069	1.09221	0.98442	0.7517	0.42323	0.1546	-0.0177	0.02449	-0.29209	-0.20877	-0.34164	-0.29125	-0.25205	-0.29993
PF08 0140	0.03666	0.1136	0.35533	0.35098	0.48567	0.57169	0.42345	0.20452	0.72305	0.69857	0.54797	0.67949	0.49859	0.59357	0.46898	0.57655	0.63576	0.69525	0.25574	0.44411	0.43246	0.21804	-0.15794	-0.23351
PFF0910c	-0.31115	-0.55634	-0.66399	-0.83089	-0.78204	-0.87446	-0.53785	0.11352	0.62506	0.85804	0.85538	1.00734	0.47962	0.46291	0.23765	0.33433	0.34759	0.3846	0.33299	0.30607	0.14388	-0.10065	-0.09655	-0.31143
PFL0730w	0.06293	0.3711	0.29341	0.58861	0.61805	1.08317	0.87823	1.23277	0.89346	0.7199	0.55609	0.47866	0.48598	0.28296	0.2299	0.00965	0.37454	-0.40814	0.17966	-0.15087	-0.00393	0.10377	1.2381	1.7428
PFE0045c	0.56372	0.06969	-0.446	-0.73729	-0.90066	-1.14953	-1.38957	-1.36149	-1.60126	-1.67225	-1.83374	-1.73445	-1.6248	-1.39558	-0.56637	0.41241	0.95925	0.86322	1.64706	1.16663	1.26285	1.01064	0.62072	0.14566
PFE0370c	0.70524	-0.01304	-0.59772	-0.53662	-0.85163	-1.26685	-1.70681	-1.98942	-2.65155	-3.09073	-3.33914	-3.46425	-3.37244	-2.26755	-3.14618	-2.3622	-1.09911	-0.29698	1.63157	1.25052	1.42488	1.24912	1.46661	1.32903
PFL1015w	0.30438	0.1129	-0.03539	-0.05974	0.20294	-0.15045	-0.35786	-0.285	-0.5364	-0.62925	-0.70377	-0.94351	-0.74873	-0.60523	-0.31226	-0.10259	-0.1966	0.3149	0.07916	0.4475	0.70082	0.49404	0.37508	0.37831
PFL11 0337	0.03883	-0.00481	0.24181	0.37725	0.54796	0.8827	0.72319	0.31643	0.20182	0.20074	0.34965	0.28653	0.4638	0.37997	0.49632	0.4122	0.07857	0.56671	0.66394	0.35526	0.18624	-0.00542	0.02796	0.08355
PFL0830w	0.91863	1.08934	1.22509	1.12872	1.11273	0.94271	0.93023	1.01687	0.90088	0.84254	0.53589	0.40871	0.16249	0.06626	-0.33223	-0.69858	-0.73073	-0.83562	-1.32005	-0.58457	-0.09266	0.22447	0.48625	0.76771
PFE0210c	0.57203	0.48826	0.23277	0.24729	0.49998	0.56919	0.42143	0.50857	0.31829	0.16255	0.18493	0.1051	0.13651	0.23818	0.1509	0.29074	0.23579	0.55524	0.67424					

PFE0485w	0.25187	0.16436	0.0711	-0.015	-0.01743	-0.10768	-0.10328	-0.05298	-0.07057	-0.12174	-0.15246	-0.32438	-0.28936	-0.35324	-0.58113	-0.64119	-0.42056	-0.06823	0.154	0.43779	0.35234	0.3672	0.30406	0.45937
PFI0625c	0.30757	0.83419	1.03771	1.36889	1.35776	1.32012	1.30633	1.6618	1.29581	1.02556	0.98817	0.66477	0.37408	0.27885	0.1498	-0.06748	-0.3748	-0.40975	-0.39599	-0.57163	-0.54619	-0.21397	0.03715	0.27682
PFE0290c	-0.60347	-0.42002	-0.56772	-0.2395	-0.12513	-0.21397	-0.0694	0.04077	0.21409	0.2905	0.69983	0.7557	0.90566	0.60377	0.63933	0.35313	-0.15438	0.10196	0.13048	-0.30698	-0.5453	-0.59449	-0.61074	-0.41558
PFE1175w	-0.06906	-0.15405	-0.43477	-0.61095	-0.67271	-0.50893	-0.57949	-0.08089	0.15687	0.26046	0.29707	0.3968	0.30252	0.32284	0.38063	0.60052	0.39819	0.4929	0.67022	0.39416	0.25615	-0.06889	-0.02069	-0.10418
PF11 0317	-1.12856	-1.12051	-1.03162	-1.0898	-0.93231	-1.04263	-0.88458	-0.85673	-0.31796	0.08774	0.39544	0.51955	0.80727	0.82031	0.77264	0.48083	0.43796	0.16605	-0.60722	-0.43074	-0.58971	-0.7735	-0.89422	-0.99396
PFL2005w	-0.78212	-0.81083	-0.939	-1.01346	-1.06897	-0.97207	-0.97169	-0.52281	-0.06586	0.1345	0.69131	0.91734	0.8315	0.86096	0.80491	0.60068	0.06661	0.2616	0.07311	-0.38235	-0.6041	-0.82967	-0.80542	-0.8852
PFI0 0230	-0.40715	-0.92136	-0.31448	-0.26124	-0.81906	-0.79251	-0.83156	-0.45092	-0.8845	-0.74247	-0.70655	-0.77338	-0.17972	-0.71672	-0.76432	-1.12531	-1.55913	-0.86308	-0.75744	-0.60461	-0.54623	-0.7805	-0.23302	-0.25663
PF07 0064	-1.20504	-1.18661	-1.11228	-1.44373	-1.44648	-1.4173	-1.04191	-0.62907	-0.39907	-0.1593	0.27774	0.42752	0.6201	0.76034	0.87693	0.71483	0.47608	0.40351	0.14899	-0.2978	-0.78514	-0.72662	-0.90031	-0.80783
PF11 0256	0.18646	0.27227	-1.53977	0.67629	0.68842	0.4923	0.70794	0.53529	0.33469	0.26621	0.13165	0.2149	0.29143	0.35661	0.36863	0.34701	0.25117	0.25308	0.19179	0.06058	0.08302	0.17559	0.10583	0.43326
PF0370w	0.27979	0.5718	0.38052	1.1167	1.28306	1.07082	0.94075	1.06483	0.80576	0.7505	0.78361	0.66716	0.47325	0.28756	0.21456	-0.08296	0.15074	-0.09373	-0.13262	-0.37461	-0.26055	-0.1355	0.06041	
PF14 0389	0.41001	0.60791	0.79557	1.03961	1.3885	1.45507	1.30823	1.37094	1.0551	0.88331	0.83712	0.80701	0.491	0.26157	0.02259	-0.07459	-0.53352	-0.59588	-0.4714	-0.98233	-0.80492	-0.56015	-0.10038	0.25188
PF08 0048	-0.00735	0.33714	0.65433	0.50464	0.50637	0.68253	0.64465	0.5218	0.61079	0.71865	0.73796	0.72436	0.71459	0.64072	0.33976	0.01163	-0.06368	-0.50815	-0.72647	-0.85689	-0.67639	-0.21766	-0.19205	-0.01412
PFE1155c	-0.63876	-0.53783	-0.42017	-0.46621	-0.28889	-0.12348	-0.10737	-0.04402	0.24988	0.46565	0.71071	0.81806	0.77627	0.58375	0.49886	0.31375	-0.13408	-0.28535	-0.06008	-0.42037	-0.55881	-0.63639	-0.52335	-0.27541
MAL1 28s	0.68722	0.44074	0.17043	0.3972	0.42681	0.22516	-0.06919	0.22206	-0.4007	-0.64255	-0.53614	-0.81899	-0.90258	-0.91702	-0.72609	-0.60957	-0.38487	-0.59344	0.12445	-0.01265	0.37278	0.54576	0.35013	0.54662
PF14 0501	-0.19209	-0.01076	0.24666	0.10463	0.02507	0.29769	0.05148	-0.30964	-0.28704	-0.2955	-0.2114	-0.10487	0.13885	0.34348	0.13488	0.25548	0.52516	0.21446	-0.03381	0.21196	0.13622	0.17396	-0.0103	-0.21605
PF11 0436	0.27693	0.58619	0.88691	0.62932	0.60022	0.71378	0.532	0.37725	0.13288	0.04748	0.3956	0.37434	0.334	-0.05050	0.24602	0.28259	-0.07227	0.10523	0.24102	-0.14807	-0.33092	-0.16351	-0.14264	-0.09827
PFB0305c	0.40818	-0.19072	-0.49268	-0.94963	-0.85459	-1.35291	-1.62474	-1.49403	-1.7182	-1.87419	-1.84168	-1.8146	-1.66408	-2.03155	-1.75812	-1.61561	-1.08532	-0.63624	1.62377	0.87209	0.9975	0.61643	0.93842	1.22746
PF13 0123	0.55264	0.96354	0.29934	1.07835	1.2462	1.15469	1.23436	1.00281	0.75198	0.58463	0.49828	0.35029	0.28941	0.11263	-0.19712	-0.4402	-0.12005	0.0841	0.31719	0.62969	0.51012	0.79182	0.99142	
PFL1820w	0.63945	0.75891	0.67078	0.63758	0.75051	0.80749	0.80781	0.97456	0.9207	0.70027	0.67552	0.31682	0.06886	-0.33382	-0.36358	-0.46838	-0.47841	-0.53632	-0.38969	-0.32273	-0.12247	0.22626	0.36874	0.66406
PFC10 API0029	-0.5868	-1.20902	-1.44613	-1.3055	-0.55572	-0.7409	-1.371	-0.39197	-1.54987	-0.97993	-1.15443	-0.82424	-0.8471	-0.26873	-0.33537	0.43268	0.8545	0.94612	-0.13001	0.22817	0.40224	1.04942	0.34652	0.10685
PFF0295c	1.02619	1.15503	0.97094	1.25555	1.13284	0.91822	0.79334	0.72703	0.10891	-0.46041	-0.56823	-0.94889	-1.25743	-1.36619	-1.36309	-1.13697	-0.75851	-0.75888	0.07616	0.09244	0.59176	0.77936	0.88155	0.94127
PFF0250w	0.5204	0.59115	0.14801	0.87847	0.99471	0.55936	0.45561	1.10401	0.82591	0.66191	0.47618	0.4027	-0.59479	-0.82611	-0.8874	-0.54796	-0.69842	0.30629	0.31101	0.41629	0.37774	0.21764	0.40852	0.30605
PFC0235w	0.16883	0.08494	0.30609	0.22648	0.20653	0.33373	0.40269	0.39292	0.4322	0.45276	0.07807	-0.17882	-0.40884	-0.44312	-0.39172	-0.06096	0.56066	0.04159	0.29748	0.55876	0.61199	0.36012	0.3601	0.20619
PFE1250w	0.10171	0.04509	-0.14213	-0.29825	-0.57214	-0.75117	-0.78468	-0.55424	-0.3283	-0.30757	-0.10016	-0.06032	0.03414	-0.1185	-0.08868	-0.25556	-0.57002	-0.55675	0.32098	0.00309	0.02889	0.13035	0.38212	0.44723
PF14 0660	0.54751	0.00997	-0.37908	-0.44592	-0.67396	-0.98394	-1.1728	-1.65316	-1.49631	-2.19905	-2.07384	-1.85227	-2.02649	-1.92637	-1.42779	-0.95326	-0.16295	-0.0755	1.65287	1.16439	1.01058	0.95354	1.24448	1.14415
PFL1165w	1.27007	0.47151	0.2107	-0.08233	-0.14666	-0.47347	-0.70648	-0.53606	-0.73683	-1.44347	-1.00687	-1.14342	-1.46121	-1.4071	-1.2536	-1.0957	-0.38462	-0.17081	1.50636	1.03346	1.26702	1.35946	1.4177	1.39627
PF14 0131	0.76261	0.9984	0.76453	1.07288	1.01657	0.81472	0.73021	0.57343	0.23051	-0.10389	-0.31925	-0.47437	-0.44617	-0.37337	-0.46019	-0.53791	-0.02485	-0.04572	-0.29454	0.36219	0.80423	0.87536	1.12382	1.35582
PF07 0040	0.03931	-0.09455	0.08947	-0.41143	-0.45074	-0.43932	-0.61513	-0.84673	-1.12728	-1.01796	-0.54741	-0.40287	-0.19373	0.01729	0.58057	0.7789	0.75623	0.54895	0.89858	0.5585	1.17027	0.05604	0.11866	-0.02175
PF0530w	0.31228	0.34156	0.45929	0.71679	0.66301	0.59903	0.46879	0.54102	0.54295	0.72983	0.81735	0.80258	0.49093	0.13558	-0.14598	-0.4553	-0.82661	-1.09551	-0.73079	-0.85312	-0.43506	-0.25895	0.01751	0.22966
PFC0225c	-0.09604	0.01635	-0.03994	0.12656	0.23366	0.48887	0.60543	0.41267	0.32534	0.28692	0.19373	0.21907	0.27247	0.27896	0.47942	0.40022	0.44412	0.23415	0.55601	0.43264	0.35076	0.28142	0.33072	0.21981
PF13 0262	-0.57255	-0.33307	0.02649	0.07541	0.111	0.34344	0.29958	0.48879	0.59396	0.63501	0.86083	0.83781	0.85883	0.46722	0.43601	0.13868	-0.52737	-0.58599	-0.65247	-1.28015	-1.27542	-0.88899	-0.97356	-0.70758
PFF0460w	-0.56243	-0.70192	-0.49731	-0.78938	-0.82508	-0.84264	-1.05125	-0.45412	0.01276	0.27902	0.34369	0.60198	0.61972	0.7075	0.55591	0.49388	0.58402	0.25388	0.01125	-0.0455	-0.21496	-0.27363	-0.33399	-0.42837
PF10 0281	1.46462	0.32018	-0.47009	-1.17976	-1.60915	-1.94339	-2.5009	-2.84972	-3.36224	-3.69816	-3.66495	-3.54679	-3.22127	-3.03	-2.43279	-1.94037	-1.40475	-0.03201	1.11384	1.48686	1.55327	1.37006	2.00352	1.36015
PFC10125w	-0.81956	-0.88358	-0.78517	-0.82253	-0.75505	-0.8018	-0.36357	0.24055	0.58739	0.91753	0.89307	1.10841	0.77306	0.82803	0.46219	0.2238	0.07075	0.12227	-0.24341	-0.22713	-0.61008	-0.7669	-0.74044	-0.64319
PF13 0301	0.07222	-0.36856	-0.4103	-1.3918	-1.57904	-1.83189	-1.75814	-1.91278	-2.10133	-2.12776	-1.9587	-1.91191	-1.60173	-1.54669	-0.68403	0.2673	0.15329	0.97796	0.10723	0.51981	0.37705	0.32899	-0.09611	-0.47892
PFD1150c	1.59525	1.33869	1.32294	0.82208	0.63885	0.17878	-0.05272	-0.40463	-0.24801	-0.24879	-0.44019	-0.34881	-0.29864	-0.61079	-0.78044	-0.96395	-0.78324	-0.59193	0.24199	0.7136	1.05422	1.27471	1.42097	1.43791
PF14 0241	-0.31445	0.1088	0.16953	0.653	0.31628	0.76695	0.807	1.04907	1.40301	1.19452	1.30051	1.60787	0.80127	0.40313	-0.13604	-0.52893	-1.31201	-1.27193	-1.50026	-1.61538	-1.47084	-1.05489	-0.76342	-0.68304
PF13 0330	0.02165	0.36478	0.59007	1.01576	0.83672	1.32393	0.96635	1.11964	1.30432	1.11055	1.07019	0.8555	0.70911	0.26015	0.08846	0.00339	-0.32833	-0.37294	-0.29066	-0.5357	-0.51731	-0.07822	0.02811	0.04314
PFD0810w	-0.94281	-0.67693	-0.47405	-0.4858	-0.27202	-0.11075	-0.05252	0.24044	0.05226	-0.07213	0.08781	0.25652	0.3678	0.42069	0.80171	0.60368	0.17667	0.29193	-0.15338	-0.54342	-0.79623	-1.11829	-1.1628	-1.05578
MAL13P1.57	0.10894	0.38166	0.31054	0.77388	0.71871	0.62428	0.72485	0.76813	0.56161	0.40134	0.37281	0.37265	0.23895	0.09972	0.2794	0.31114	-0.03642	0.16461	0.52012	0.36631	0.32422	0.25461	0.25905	0.22901
PFI0390c	0.09654	-0.53117	-0.37146	-0.42357	-0.53628	-0.64436	-0.75806	-0.74908	-0.69633	-0.38714	-0.01904	0.34663	0.31157	0.29989	0.28369	0.35401	0.42426	0.52817	0.70275	0.6153	0.29109	0.2937	0.40023	

PF10_0138	0.85281	-0.02949	-0.67649	-0.6416	-0.80356	-1.34318	-1.52161	-2.07681	-2.68834	-3.1005	-3.20033	-3.3537	-3.51247	-3.50447	-3.21629	-2.22112	-0.74398	-0.5236	1.56636	1.57932	1.40705	1.14025	1.62415	1.53233
PF14_0558	-0.51656	-0.74654	-0.69857	-0.79	-0.93832	-0.95384	-0.89529	-1.23334	-1.29149	-0.99535	-0.8057	-0.50706	0.05145	0.65189	0.70255	0.74969	0.73345	0.71967	0.19762	0.3934	0.26204	0.04439	-0.29036	-0.51359
MAL8P1.92	1.16671	1.14536	1.38394	1.4839	1.42065	1.39712	1.11836	1.25876	0.94206	0.83637	0.59464	0.4255	0.30124	0.07934	-0.25715	-0.54478	-0.72253	-0.83319	-0.82956	-0.29426	0.1746	0.39139	0.83059	1.06614
MAL7P1.156	0.35487	0.60702	0.55318	0.20729	0.80746	0.2692	0.70952	0.25439	-0.16411	-0.12877	0.03101	0.07484	-0.18608	0.0285	0.12112	0.10444	-0.01182	0.46228	0.07648	0.28515	0.53891	0.68443	0.81736	0.84485
PF08_0112	-0.16238	0.03543	0.05479	0.07037	0.14565	0.4381	0.42159	0.29962	0.33517	0.17316	0.23492	0.37819	0.47532	0.4594	0.58032	0.60736	0.39003	0.37209	0.46721	0.11837	-0.07427	-0.30928	-0.39864	-0.3533
PF10_0057	-0.95777	-0.80492	-0.49945	-0.66395	-0.4851	-0.27672	-0.15492	-0.24025	0.01397	0.10776	0.32452	0.50998	0.6427	0.62807	0.64131	0.44459	0.33896	0.06687	-0.16502	-0.16964	-0.34868	-0.2794	-0.38899	-0.52025
PFD1070w	0.44572	0.69219	0.48321	0.77858	0.62657	0.81458	0.69519	0.84094	0.86785	0.90295	0.10017	0.91193	0.81043	0.39855	0.21124	0.01775	-0.3781	-0.34029	-0.22074	-0.52573	-0.46563	-0.22447	0.06155	0.30013
PF11_0149	0.29295	-0.23737	-0.06695	-0.28648	-0.23833	-0.28883	-0.39456	-0.4653	-0.38834	-0.44366	-0.13016	-0.29103	0.0313	0.06001	0.2568	0.23397	-0.32858	-0.09966	0.67299	0.35732	0.21728	0.21783	0.3934	0.85752
PF10_0276	-0.58209	-0.66611	-0.56829	-0.96953	-1.04797	-1.09668	-1.17437	-1.13405	-1.01894	-0.848	-0.35806	-0.28481	0.16724	0.25273	0.8628	0.94609	0.7056	0.59877	0.99524	0.5854	0.1052	-0.42799	-0.4595	-0.62593
PF14_0592	-0.84942	-0.51728	-1.05852	-1.00612	-1.0005	-1.21018	-0.91012	-0.36041	-0.23212	0.05161	0.35009	0.32415	0.33048	0.36403	0.66855	0.57426	0.39831	0.36789	0.23675	-0.03332	-0.30014	-0.61131	-0.68136	-0.70222
PF14_0704	-0.00912	0.36634	0.60431	0.96903	0.97871	0.909	0.98077	0.87901	0.73524	0.92334	0.77802	0.66858	0.39631	0.16637	-0.09206	-0.16596	-0.51143	-0.37183	-0.5934	-0.58571	-0.56644	-0.26064	-0.08454	0.08435
PF14_0157	0.4201	0.88237	0.92681	0.95229	0.96706	1.05627	0.92077	1.06148	0.81572	0.61566	0.6854	0.35104	0.2972	-0.08703	0.0372	-0.16064	-0.17009	-0.21199	-0.19473	-0.38674	-0.15237	-0.1103	0.172	0.50323
PFL1160c	-0.21624	-0.87551	-0.82699	-1.39046	-1.6198	-1.98867	-1.25257	-2.24234	-2.54329	-2.2371	-2.28351	-2.358	-1.83565	-1.00932	0.14674	0.80326	0.90807	1.0592	0.8684	0.73272	0.56965	0.16096	-0.14673	-0.51272
PF10_0295	0.67422	0.04384	-0.46008	-0.24737	-0.40019	-0.82372	-1.16366	-1.33297	-2.08528	-2.51658	-2.37652	-2.85598	-3.05783	-3.03492	-2.49095	-1.60948	-0.70044	-0.46046	1.93831	1.12176	1.1603	1.03639	1.34067	1.45371
PFA0410w	0.00317	0.15357	0.25433	0.31242	0.23098	0.3633	0.45609	0.22117	0.52463	0.43516	0.27908	0.41817	0.33542	0.19616	-0.06711	-0.36493	-0.30425	-0.48713	-0.7183	-0.28499	-0.12598	-0.02402	0.11385	-0.05337
PFB0820c	-0.27725	-0.22364	-0.60891	-0.00271	0.10331	0.45085	0.58118	0.51344	0.80505	0.65602	0.50034	0.52127	0.56917	0.64933	0.40699	0.33956	0.37572	0.28199	0.06644	0.11185	-0.07108	-0.1857	-0.10212	-0.15931
PF14_0312	-0.24401	-0.16206	-0.15057	0.00754	0.17632	0.10161	0.21696	0.34516	0.26787	0.44587	0.5566	0.55312	0.4708	0.55212	0.36746	0.30415	0.13547	0.22779	0.16032	-0.07022	-0.05267	-0.36078	-0.40602	-0.32572
MAL13P1.210	-0.27692	-0.63148	-0.54762	-0.57774	-0.46439	-0.46602	-0.50247	-0.19478	-0.23581	0.49746	0.52294	0.83453	0.57152	0.67768	0.5154	0.51423	0.43943	0.35561	0.46237	0.23135	-0.05158	-0.13644	-0.23263	-0.40812
PFB0720c	-0.95749	-0.98768	-0.94373	-1.23498	-1.24573	-1.19532	-1.1812	-0.93807	-0.41326	0.14629	0.39571	0.43258	0.70985	0.74552	0.74263	0.57902	0.3095	0.27966	0.01981	-0.13314	-0.59325	-0.70519	-0.67536	-0.89201
PF13_0186	0.13868	0.18106	0.17884	0.50426	0.31241	0.33802	0.07732	-0.17901	0.09737	0.13926	0.41233	0.47703	0.20382	-0.2066	-0.24461	-0.41901	-0.46871	-0.2096	0.38726	0.17846	0.24689	0.09598	0.23156	0.34058
PF13_0221	-0.08683	-0.03227	-0.17364	0.28853	0.54668	0.52916	0.68931	0.90453	0.89393	0.50504	0.28829	0.28441	0.4108	0.41236	0.09945	-0.04537	0.1724	0.16809	0.00805	0.27148	0.2199	0.16725	0.28463	0.18284
PF11_0079	-0.1721	-0.09234	-0.31781	0.02417	-0.07489	0.20847	0.34109	0.28314	0.50806	0.58174	0.4875	0.49607	0.5209	0.66234	0.33683	0.26368	0.19152	0.21243	-0.55532	-0.05292	-0.22951	-0.09163	-0.03058	-0.12548
PF14_0400	-0.26077	-0.47944	-0.2285	-0.1696	-0.32081	-0.33617	-0.4502	-0.14134	0.5392	0.65359	0.63033	0.72031	0.75118	0.62804	0.38618	0.08826	0.11429	-0.17354	-0.22182	-0.11798	0.06848	0.02931	0.2017	0.19494
PF10_0362	-0.39325	-0.59927	-0.61738	-0.60114	-0.60769	-0.79708	-0.8505	-0.7078	-0.24664	0.25558	0.31892	0.41435	0.60305	0.81851	0.64579	0.49039	0.51211	0.44734	-0.10592	0.13944	-0.13122	-0.42553	-0.44313	-0.54456
PF10_0105	-0.44075	-0.38924	-0.04766	-0.11011	-0.10377	0.37947	0.40451	0.28322	0.59917	0.53567	0.71403	0.84461	0.79231	0.53443	0.59832	0.3914	0.36807	0.05583	0.37569	-0.18073	-0.2963	-0.26327	-0.01647	-0.09759
PF11_0208	-1.75538	-0.86327	-0.3465	0.03023	0.14198	0.44415	0.24296	-0.08748	-0.31795	-0.1291	0.25843	0.51681	0.47006	0.40395	0.26401	0.07542	-0.23387	-0.60945	-1.10824	-1.717	-2.1288	-1.97087	-1.93422	-1.69282
PF10_0073	-0.40403	-0.51065	0.06157	-0.51391	-0.80392	-0.62913	-0.60016	-0.81229	-0.74092	-0.90314	-0.7621	-0.71222	-0.5822	-0.86717	-0.17337	0.06215	0.65458	0.13727	0.72122	0.20074	0.23418	-0.00895	0.17546	-0.07636
PF13_0137	0.41036	0.10250	1.39976	1.37727	1.36826	1.57509	1.44591	1.25078	1.27553	1.16744	0.97386	0.8164	0.54785	0.27604	-0.01569	-0.59798	-0.45725	-0.62165	-0.66831	-0.42137	-0.07744	0.05423	0.35661	
MAL13P1.192	0.36693	-0.34291	0.00672	-0.21224	-0.39335	-0.55727	-0.69168	-0.70396	0.88777	0.72944	0.83465	0.99131	0.9668	0.86766	0.57336	0.30948	0.03199	0.15866	-0.00602	-0.1306	-0.20407	-0.36276	-0.1772	-0.12923
PFD0480w	-0.05757	0.05095	-0.38532	-0.39868	-0.24112	0.19253	0.26426	0.27934	0.32486	0.16117	0.23374	0.06883	-0.06816	-0.33651	-0.14903	0.18452	0.04778	0.18821	0.75414	0.29462	0.28835	0.24832	0.14447	-0.05254
PFL1980c	-0.37859	-0.38437	-0.41712	0.09812	0.22852	0.24094	0.44412	0.3917	0.50757	0.70702	0.56329	0.50184	0.54931	0.63148	0.44637	0.24748	0.21713	-0.0564	-0.38236	-0.27012	-0.50348	-0.55401	-0.54474	-0.40349
PF11_0160	-0.05112	0.09968	0.23716	0.3855	0.47363	0.65002	0.53586	0.15939	-0.3225	-0.89072	-1.12057	-1.26497	-0.98332	-0.7334	-0.02263	0.40328	0.62143	0.39751	0.61968	0.30015	0.34615	0.20369	0.07313	0.01931
PFB0280w	-0.20651	0.04489	0.2851	0.17382	0.50016	0.65395	0.84886	0.67873	0.90365	0.99731	0.61519	0.52623	0.48483	0.50057	-0.1022	-0.3943	-0.29701	-0.30559	-0.10531	-0.53487	-0.29065	-0.03621	0.00845	0.37877
PF14_0443	-1.07394	-1.26866	-1.50399	-1.92072	-1.86843	-2.40371	-2.51611	-2.48381	-2.69786	-2.10337	-1.3544	-1.20815	-0.80042	-0.58836	-0.11059	0.57579	0.64043	0.66064	0.83	0.42803	0.43923	-0.398	-0.36642	-0.53459
PF11_0482	-1.18361	-1.35696	-1.75325	-0.99202	-1.13989	-1.13202	-1.03272	-0.75118	-0.36928	-0.11862	0.22406	0.36083	0.65357	0.74393	0.82697	0.53254	0.3556	0.14176	-0.23264	-0.41307	-0.53946	-0.64971	-0.72696	-0.85188
MAL8P1.4	1.87291	2.28928	2.09443	1.90304	1.86323	1.38568	0.95708	0.44501	-0.02087	-0.5874	-1.04591	-1.73826	-2.20308	-2.30868	-2.51707	-2.66523	-2.4348	-2.38628	-1.99324	-0.90946	0.2955	0.7859	0.89249	1.20722
PF13_0064	0.66535	0.64059	0.56886	0.69415	0.58741	0.51757	0.56335	0.35844	0.17151	0.02484	-0.27256	-0.49521	-0.50639	-0.63234	-0.3492	-0.21087	0.24509	-0.07571	0.86201	0.62009	0.73878	0.60522	0.75232	0.75614
PFB0365w	-0.71504	-0.98076	-1.2051	-1.45356	-1.4292	-1.39061	-1.46785	-1.50776	-1.37595	-0.8668	-0.49231	-0.2341	0.39725	0.88376	0.89614	0.80969	0.85442	0.60346	-0.04996	0.06954	-0.33051	-0.5205	-0.87617	-1.1211
PF14_0088	-0.36903	-0.26478	-0.34344	-0.20375	-0.29006	-0.49457	-0.0942	-0.25726	-0.22709	-0.2428	-0.35268	-0.02326	0.19744	0.6956	0.11341	0.5313	0.78647	0.53267	-0.0528	0.29688	-0.01438	-0.216	-0.26467	-0.4159
PF13_0308	-0.32076	-0.62816	-0.82237	-0.4803	-0.6105	-0.24523	-0.36964	-0.41266	-0.49144	-0.26139	-0.07147	-0.04464	0.23702	0.31742	0.59046	0.62309	0.5884	0.39576	0.72622	0.21341	0.11717	-0.08367	-0.1085	-0.36701
PF0535c	0.33159	0.63888	0.43138	0.53172	0.56174	0.38737	0.40416	0.56073	0.38618	0.40457	0.27171	0.17725	0.14554	-0.01847	-0.08078	-0.36356	-0.52131	-0.54023	-0.7707	-0.50805	-0.234			

PFIO360c	0.05473	-0.03658	-0.21541	-0.40402	-0.3262	-0.62105	-1.01568	-1.14131	-1.51959	-1.81506	-1.82709	-2.03388	-1.87817	-1.61367	-1.59076	-0.57836	0.64778	0.61312	1.30056	1.08703	1.09662	1.0457	0.99232	0.86357
PFIO200c	-0.50693	-0.15917	0.17759	0.27081	0.21535	0.24474	0.2646	0.05099	-0.03131	0.16605	0.24443	0.37154	0.61806	0.72549	0.58579	0.47925	0.56774	0.16643	-0.20514	-0.22931	-0.50939	-0.43867	-0.56813	-0.51225
MAL13P1.329	-0.51583	-0.02776	-0.35199	-0.08833	-0.15041	-0.16062	-0.22666	-0.35484	-0.52883	-0.63266	-0.53717	-0.55398	-0.63288	-0.53396	-0.47873	-0.16985	0.00412	0.21687	-0.68928	0.73998	0.55172	0.48024	0.69868	0.61782
PF07_0075	-0.30005	-0.56603	-0.29025	-0.20855	-0.45743	-0.24986	0.03759	0.63088	0.81156	0.86089	0.93848	0.93281	0.68615	0.58468	0.47074	0.27594	0.12835	0.14763	-0.02994	-0.29776	-0.39984	-0.2397	-0.25985	-0.28379
PFA0510w	-0.25492	-0.4448	-0.35344	-0.45571	-0.35334	-0.21382	0.05485	0.11174	0.67772	0.8445	0.78933	0.80909	0.97747	0.88659	0.4317	0.07253	0.02931	-0.13134	-0.51197	-0.29824	-0.16672	-0.07678	-0.12881	-0.07032
PF10_0267	0.15142	0.29061	0.45381	0.85497	0.82864	1.13935	1.09176	1.29369	1.32888	1.05694	1.11804	1.02086	0.6817	0.4076	0.23613	0.08296	-0.33221	-0.36416	-0.45123	-0.47456	-0.49025	-0.40122	-0.30419	-0.09934
PFB0560w	-0.18964	-0.04391	-0.14383	-0.05622	-0.07351	-0.13839	-0.03987	-0.08614	0.21604	0.29213	0.21448	0.31826	0.46216	0.53348	0.35407	0.14389	0.0779	-0.15452	-0.66096	-0.33144	-0.38888	-0.31832	-0.34456	-0.23812
PFA0150c	-0.15326	-0.52474	-0.29012	-0.69886	-0.57508	-0.60815	-0.76259	-0.74405	-0.26944	0.31111	0.58252	0.5571	0.54888	0.4358	0.66127	0.7565	0.66374	0.70168	0.83666	0.51319	0.275	-0.24187	-0.31753	-0.42524
PF13_0247	0.93937	1.24458	1.18905	1.76597	1.70731	1.71817	1.47417	1.26993	0.83264	0.56786	0.56613	0.15468	0.15658	-0.03362	-0.1945	-0.25837	-0.48163	-0.32499	0.22021	0.36414	0.71818	0.68845	1.08705	1.20561
MAL7P1.12	-0.30829	-0.4945	-0.14263	0.04448	0.09428	0.44465	0.56555	0.37686	0.65629	0.66498	0.5071	0.50547	0.41109	0.3122	0.10506	-0.16487	-0.12326	-0.51694	-0.93678	-0.91868	-0.85578	-0.61274	-0.60602	-0.5314
PF10_0027	-0.23015	-0.08195	0.33467	0.49739	0.50266	0.85915	1.04465	1.04903	1.66296	1.56482	1.43737	1.33145	1.11821	0.65832	0.36265	0.03782	-0.41323	-0.36932	-0.54769	-0.5489	-0.57988	-0.52875	-0.35437	-0.25869
PF1340w	0.23505	-0.00595	-1.51312	-0.32971	-0.66887	-0.76945	-0.67747	-0.57462	-0.87825	-0.80693	-0.73596	-0.58236	-0.28574	-0.0936	0.46341	0.76756	0.90511	0.896	1.1654	0.63158	0.54128	0.40601	0.21587	-0.09945
PF1775w	2.32387	2.59015	2.18011	2.56768	2.42849	2.15987	1.87015	1.6587	0.60934	0.06893	-0.18994	-0.53636	-0.91298	-1.02295	-1.15558	-1.43193	-1.07524	-1.62924	-0.60126	0.18134	0.87165	1.15304	1.60567	1.80178
MAL8P1.50	-0.49448	-0.41011	-0.46417	-0.44773	-0.25227	-0.21521	-0.09933	0.07837	0.34302	0.52683	0.77713	0.79101	0.87266	0.6052	0.67042	0.39744	-0.04646	0.18678	0.18877	-0.35446	-0.25895	-0.50085	-0.36076	-0.25442
PF13_0027	-0.10191	-0.09413	0.40234	0.64244	0.12624	0.69431	0.66668	0.66589	1.09521	1.20412	1.15455	0.99011	0.8021	0.69074	0.56716	0.27919	-0.07449	-0.00151	-0.2063	-0.17619	-0.30123	-0.20899	-0.09323	-0.06266
PF14_0055	0.91169	0.97065	1.11969	1.29083	0.94941	1.17404	1.07085	1.1317	1.09105	0.77122	0.46101	0.43494	0.00662	-0.34734	-0.73829	-0.96096	-1.15115	-1.20015	-1.09647	-0.68995	-0.10068	0.35782	0.58273	0.76481
MAL8P1.56	-0.07928	-0.96762	-0.68911	-0.80594	-0.81875	-0.89431	-0.94283	-1.00944	-0.8844	-0.90071	-0.8724	-0.6293	-0.43608	0.15845	0.4906	0.74098	0.75237	0.7849	0.93958	0.76453	0.34807	-0.22757	-0.34165	-0.51699
PF0235c	0.62084	0.67224	0.07193	0.06037	-0.23242	-0.57239	-0.99223	-1.14508	-1.81035	-1.82724	-1.82857	-1.88625	-1.80145	-1.56404	-0.12634	-0.56363	0.29238	0.46166	1.63611	1.27883	1.37315	1.20943	1.19928	0.7275
PFL2330w	-0.17147	-0.29891	-0.33575	-0.04454	-0.07493	-0.34779	-0.47887	-0.25962	-0.55649	-0.39628	-0.09435	0.27188	0.54339	0.79776	0.71747	0.75761	0.42153	0.46386	0.33093	0.20796	0.03944	-0.10548	-0.26739	-0.18193
PFL2235w	0.03299	0.49403	0.6802	0.8048	0.90232	1.00629	0.81357	0.7754	0.42842	0.43916	0.32785	0.32024	0.43729	-0.0644	0.27993	0.12044	0.09169	-0.12909	-0.10706	-0.43275	-0.38595	0.03945	0.05969	0.29764
PF14_0183b	0.92839	1.11586	1.19777	1.16342	0.92914	0.82983	0.67053	0.80432	0.65758	0.57032	0.55443	0.29267	0.13276	-0.25184	-0.35521	-0.81925	-1.04638	-1.0781	-0.81197	-0.27556	0.13406	0.29618	0.67341	1.01231
PF14_0409	-0.58893	-0.39517	-0.026	-0.08684	-0.27282	-0.1793	-0.17765	-0.15979	-0.09577	-0.1866	-0.20797	-0.16823	-0.16609	-0.07325	0.2906	0.40417	0.57829	0.46206	0.5276	0.34186	0.33584	0.04568	-0.12042	-0.51305
PF11_0417	0.24988	0.26788	-0.20913	-0.02407	-0.34129	-0.42187	-0.56312	-1.20782	-1.02307	-0.86999	-0.89557	-1.11053	-0.92165	-0.89657	-0.34507	0.29006	1.25231	0.67866	0.88743	1.1777	1.13106	0.9037	0.69461	0.27297
PF07_0037	0.33414	0.41501	0.68641	0.86904	0.88886	0.94124	0.86524	0.76935	0.75056	0.72051	0.66036	0.61921	0.57972	0.46843	0.30291	0.10023	-0.03847	-0.14048	-0.31045	-0.39585	-0.39324	-0.12617	-0.22875	-0.03404
PF0810c	0.76411	0.59357	0.27758	1.03054	0.99241	0.98068	0.82757	0.52213	0.48299	0.31649	0.13002	0.12589	0.1035	0.39944	0.27686	0.30104	0.13113	0.36004	0.1927	0.32	0.17283	0.34697	0.36273	0.29576
PF13_0341	0.6988	1.04869	1.15666	1.18243	1.26592	1.29463	1.17777	1.28464	1.18514	0.96918	0.84708	0.59438	0.36682	-0.25253	-0.27303	-0.5059	-0.93624	-1.08513	-0.8427	-0.97174	-0.49949	0.09663	0.16383	0.58709
PFIO925w	0.25078	0.13313	0.13243	0.42267	0.40842	0.17894	0.45477	0.74648	0.70103	0.62023	0.93182	0.84077	0.47394	0.26906	-0.26927	-0.55883	-0.31298	-0.67071	-0.49463	-0.62859	-0.47322	-0.16165	-0.02551	-0.14995
PF14_0113	0.88496	1.12567	1.08204	1.27918	1.34879	1.13879	1.0976	1.26094	1.09587	0.97905	0.79126	0.62322	0.27977	0.029	-0.37994	-0.65071	-0.95148	-0.87567	-1.31863	-0.8317	-0.4061	0.00179	0.26045	0.67926
PF14_0124	0.00305	0.3153	0.54685	0.52697	1.02365	1.7417	1.49641	1.87015	1.65545	1.05319	1.21119	0.68952	1.16331	-0.65328	-0.93446	-0.72594	-1.59206	-1.35059	-1.3176	-0.33765	-0.98112	-0.69717	-0.37316	0.1753
PFE0800w	-0.30168	-0.39903	-0.43528	-0.43393	-0.06944	0.17112	0.66036	0.91012	1.18448	1.19632	1.13083	0.90216	0.73652	0.37033	0.06965	-0.21668	-0.16252	-0.06444	-0.15564	0.01653	0.26638	-0.05224	-0.11212	-0.09806
PF10_0292	-0.9172	-1.40315	-1.16504	-1.94409	-2.32823	-2.59392	-2.82099	-3.16325	-3.56033	-3.48922	-3.56639	-3.33857	-2.53045	-1.18549	0.2937	1.00566	1.39635	1.37996	0.3839	0.72164	0.32909	-0.16723	-0.54974	-1.02128
PFIO565w	-0.69601	-0.69126	-0.7812	-0.99166	-0.96212	-0.95541	-1.05327	-1.14795	-1.30483	-0.81273	-0.65407	-0.31337	-0.01758	0.27959	0.65745	0.55828	0.65541	0.63649	0.13402	0.15431	-0.11984	-0.22444	-0.5676	-0.50698
MAL13P1.161	-0.84426	-0.93655	-0.5612	-1.09172	-1.10133	-1.04064	-1.05708	-1.00615	-0.82462	-0.93657	-0.25587	-0.10398	0.41609	0.33173	0.76151	0.77276	0.47211	0.45242	0.33727	-0.05416	-0.30748	-0.65125	-0.75042	-0.97471
PF0400w	-0.86662	-0.24312	0.01017	0.31153	0.59294	0.59627	0.5005	0.53862	0.83953	0.90778	0.69857	0.98387	0.59661	0.25861	0.28155	-0.19269	-0.25319	-0.60735	-0.803	-1.26121	-1.32645	-0.89429	-0.81245	-0.64354
PF14_0673	-0.96432	-0.33855	-0.35247	0.21215	0.35144	0.60954	0.63501	0.84173	1.07087	1.2969	1.32432	1.13611	0.91861	0.50356	0.3112	-0.06063	-0.22514	-0.54562	-0.68539	-0.8424	-0.7083	-0.64268	-0.51885	-0.32125
PF13_0114	0.75637	0.70553	0.32675	0.71826	1.00574	0.94313	0.76546	0.44196	0.12501	-0.03503	-0.20239	-0.42978	-0.38867	-0.25871	-0.02283	0.15535	0.6228	0.63931	0.28952	0.83141	1.0492	0.98697	1.14132	1.16869
PF11_0161	-0.16418	0.12708	0.69666	1.13097	1.30327	1.40299	1.39431	1.44003	1.49677	1.34274	1.0381	1.03862	0.30957	-0.1396	-0.96159	-1.27023	-1.38386	-1.80178	-2.06588	-2.02449	-1.75218	-1.32736	-0.95322	-0.52091
PF11_0459	-0.71529	-0.80581	-0.87503	-0.90162	-0.76759	-0.96747	-0.95322	-0.85005	-0.85347	-0.50532	0.16492	0.33794	0.68064	0.60955	0.7931	0.6765	0.60317	0.21149	-0.01465	-0.20612	-0.46388	-0.50067	-0.56655	-0.51107
PF13_0018	0.5123	0.57279	0.59222	0.59913	0.44216	0.41172	0.3878	0.52821	0.5912	0.54446	0.39361	0.32157	0.19069	-0.14924	-0.37213	-0.47857	-0.52605	-0.20001	-0.11575	0.07519	0.25641	0.50127	0.54805	
MAL13P1.142	-0.47015	-0.31781	0.00509	-0.03906	0.01602	0.22863	0.23344	0.45503	0.10883	0.3599	0.5785	0.68011	0.60448	0.45808	0.43236	0.34281	-0.00383	-0.12073	-0.06796	-0.32168	-0.42266	-0.42875	-0.49818	-0.45937
PFD1175w	-0.17285	0.57958	1.34773	1.46623	2.07407	2.02946	2.23094	2.7198	1.95025	1.52479	0.57869	-0.22083	-0.97291	-1.06338	-1.47784	-1.47806	-1.42461	-1.83644	-1.64849					

PF11 0183	-0.78502	-0.45715	-0.18347	-0.71755	-0.5067	-0.59614	-0.7562	-0.42855	-0.70991	-0.35381	-0.24014	-0.22431	0.15765	0.19795	0.23563	0.16199	0.24408	0.29253	-0.32848	-0.63617	-1.0065	-1.36599	-1.65204	-1.40498
PF14 0034	0.07723	0.50828	0.34585	0.38391	0.5402	0.50968	0.51129	0.38947	0.15326	0.26115	0.48473	0.42404	0.47788	0.36677	0.40082	0.2231	0.14115	0.44286	0.29764	0.43936	0.69467	0.91368	0.76379	
PFD0150w	0.14188	0.9594	0.81609	0.80786	0.7545	0.60182	0.66714	0.60232	0.65353	0.58407	0.20381	0.33477	0.38391	0.44127	0.21992	-0.19116	-0.36698	-0.33842	-1.13639	-0.52335	-0.41522	-0.19289	-0.1344	0.04691
PF14 0324	-0.23195	-0.32429	-0.0769	-0.31053	-0.11762	-0.05249	0.279	0.69234	1.0559	1.03421	1.07406	1.25212	0.96569	0.56526	0.16966	-0.49942	-1.01115	-0.87767	-1.58644	-1.43785	-1.21051	-1.14558	-0.94011	-0.72225
MAL7P1.95	1.13768	0.73278	0.11413	0.21548	-0.28177	-0.55803	-0.67982	-0.6847	-0.29665	-0.16871	-0.06191	0.11365	0.15509	0.06245	-0.12706	-0.29093	0.13389	0.37616	0.64832	0.99236	1.00289	1.12125	1.12389	0.87279
MAL13P1.413	-0.43496	0.96551	1.75298	2.73501	3.01306	3.39728	2.85613	1.74061	1.09103	-0.42523	-1.17609	-2.46237	-3.1537	-4.10547	-4.20732	-4.65592	-4.84468	-5.13884	-4.7905	-4.68107	-3.54835	-1.98272	-1.28873	0.12417
PFE1420w	0.24272	0.34	0.46233	0.57315	0.74026	0.60159	0.50016	0.3178	0.13783	0.11082	0.26429	0.40965	0.40981	0.35013	0.47543	0.06962	0.29451	0.42433	0.65513	0.32242	0.40256	0.20611	0.33009	0.58388
PF11235w	0.73747	1.07166	0.98174	1.00685	1.05322	0.94439	1.01966	0.96341	0.7165	0.61669	0.41625	0.18163	-0.01869	-0.3458	-0.56458	-0.99986	-0.93125	-0.90587	-1.48031	-1.14836	-0.74032	-0.16649	0.02203	0.39281
PF13 0347	0.92381	1.32011	0.66379	1.62862	1.75665	1.2753	1.08536	1.56737	1.3588	0.98062	1.02611	0.79358	-0.09922	-0.54929	-0.62762	-0.63285	-0.81446	0.01467	0.60085	0.46639	0.41371	0.4192	0.76168	0.82793
PF10 0184	-0.09776	-0.26941	-0.33877	-1.01739	-1.22113	-1.32165	-1.37734	-1.61379	-1.75394	-1.86512	-1.73588	-1.84393	-1.68097	-1.06794	-0.09738	0.66367	1.27337	0.97434	0.56654	1.18248	1.14227	0.71866	0.37587	-0.27881
PFF0425w	-0.68656	-0.17001	-0.24285	-0.08954	0.06408	-0.1703	-0.32375	-0.08152	-0.32476	-0.49044	-0.0013	0.03736	0.38957	0.2165	0.35789	0.20097	0.21312	0.05574	0.0802	-0.06245	-0.02897	-0.1484	0.09726	0.1981
PFF0485c	0.34413	-0.34871	0.02303	-0.79006	-1.25312	-0.94999	-1.38571	-1.66018	-1.88263	-2.25418	-1.67132	-1.93461	-1.87119	-1.47249	-0.34298	0.69115	0.98687	0.8123	1.43264	1.07095	0.87565	0.77959	0.48267	-0.11578
PF10 0170	1.03622	0.19125	-0.31281	0.07493	-0.25967	-0.64508	-1.29892	-1.41837	-2.39217	-2.98115	-2.75073	-3.21224	-3.60087	-3.82827	-3.63725	-3.55272	-1.85359	-1.99696	1.32079	1.21111	1.3213	1.01496	1.76024	1.80997
PF11 0384	0.3712	0.36761	0.68703	0.61059	0.64598	0.64524	0.51365	0.38312	0.48256	0.56894	0.51607	0.43933	0.457	0.27822	-0.13723	-0.31217	-0.55356	-0.5766	-0.43971	-0.47605	-0.2629	-0.06932	0.18304	0.37347
PFF1210w	1.23256	0.22859	-0.67897	0.08957	0.14951	-0.30757	-0.5143	-0.63897	-1.00898	-0.9579	-0.87008	-0.6382	-0.60239	-0.52632	-0.36412	-0.1503	0.02046	0.09905	1.57691	1.32252	1.18509	1.01506	1.36336	1.63307
PF10015c	0.09443	-0.06414	0.1929	-0.16055	-0.22561	-0.04835	-0.33841	-0.38332	-0.27726	0.01188	-0.23045	-0.16427	-0.15518	0.15458	0.25433	0.36242	0.47845	0.60798	0.0692	0.35635	0.29052	0.01612	-0.1556	-0.31719
PF14 0212	-0.13181	-0.48556	-0.49114	-0.84295	-0.80381	-1.12123	-1.21508	-0.95229	-0.8775	-0.72299	-0.4201	-0.30806	0.02206	-0.20054	0.00667	0.25064	0.29794	0.69225	0.73674	0.65289	0.68927	0.25525	0.19131	-0.21563
PFB0855c	-0.79892	-0.80161	-1.21974	-0.44403	-0.75462	-0.802	-0.23688	0.2152	0.32356	0.55677	0.6405	0.63406	0.71542	0.35715	0.54257	0.3515	0.40539	-0.02954	0.20699	-0.30237	-0.39478	-0.3728	-0.33292	-0.42446
PFC0320w	-0.51142	-0.69662	-0.85775	-0.85233	-0.97296	-1.10254	-1.0941	-1.00979	-0.72058	-0.25645	0.03895	0.43545	0.53135	0.75848	0.69984	0.61709	0.49964	0.70214	0.1368	0.31575	0.09293	-0.21337	-0.32141	-0.56442
PFD0345c	1.668	1.52359	1.34339	1.72938	1.64235	1.73288	1.62238	1.54216	1.25604	0.94703	0.64984	0.52671	0.08689	-0.11261	-0.29495	-0.45777	-0.63498	-0.45018	-0.57025	-0.58301	-0.26432	0.47366	0.52837	0.95483
PFF0775w	-0.80758	-0.74975	-0.23802	-0.79811	-1.12422	-1.01283	-0.95724	-0.38301	0.11981	0.41549	0.61557	0.76009	0.72151	0.54607	0.64565	0.59188	0.44069	0.39242	0.31668	-0.02005	-0.48417	-0.45838	-0.59756	-0.73097
PF14 0266	-0.7952	-1.0655	-0.62798	-0.47826	0.04256	0.95253	1.06685	1.00457	0.96381	0.77928	0.7479	0.72597	0.49357	0.47368	0.45281	0.31524	0.15094	0.08923	-0.13978	-0.06835	-0.55432	-0.90331	-0.83673	-0.86765
PFL0765w	-0.24977	0.02714	-0.0102	0.43402	0.47224	0.52992	0.49927	0.18439	-0.06802	-0.20529	-0.22786	-0.18025	-0.00422	0.17683	0.51536	0.64123	0.41463	0.41365	0.25087	0.031	-0.2555	-0.27076	-0.45258	-0.50485
PFL1610c	0.34703	0.69965	0.98153	0.9492	0.8941	0.76791	0.7973	0.89334	0.61066	0.69609	0.65252	0.4784	0.47119	0.30195	0.09294	-0.16337	-0.29137	-0.36224	-0.50083	-0.43775	-0.35312	-0.04397	0.14805	0.28136
PFB0350c	-0.40273	-0.58618	-1.26963	-0.96033	-1.16283	-1.22904	-1.52548	-1.68087	-1.68589	-1.70475	-2.08921	-1.85589	-1.39642	-0.66527	0.11822	0.72241	0.10639	0.56897	0.80863	0.77241	0.50113	0.22739	-0.10046	-0.73307
PF13 0250	0.66682	0.24351	0.64236	0.58255	0.7965	0.10288	0.15153	0.2485	0.31007	0.36249	0.45549	0.48305	0.45296	0.32016	0.31978	0.20866	-0.15521	0.25962	0.2844	-0.00655	-0.05079	-0.01639	-0.12437	-0.02481
PFE1210c	-0.42269	0.05003	0.13702	0.37939	0.52357	0.66209	0.55056	0.62622	0.74514	0.64556	0.58711	0.5925	0.43639	0.26578	0.33823	0.16211	-0.12586	0.00656	-0.05846	-0.35208	-0.44828	-0.43661	-0.39203	-0.15372
PFA0620c	-3.28095	-2.10022	-1.28866	-0.85223	0.20017	1.10924	2.39317	1.80669	2.23993	1.89041	0.6742	0.69886	0.20252	-0.75412	-1.79986	-0.98713	-2.87371	-3.75189	-4.34073	-4.35073	-3.73506	-4.00957	-3.31945	
PF08 0058	0.58018	1.06888	-0.12501	-0.3239	-0.85474	-1.04998	-1.48837	-1.86825	-2.29911	-2.80296	-2.68955	-2.78599	-2.86847	-2.52264	-1.50895	-0.31129	0.49186	0.66854	1.58266	1.0983	1.27987	1.07405	1.12878	0.6576
PF13 0208	0.19478	0.48571	0.72073	0.74806	0.87991	0.9465	0.85536	0.98949	1.03832	1.05777	0.98665	0.88798	0.54024	0.31331	0.06897	-0.22083	-0.44078	-0.51412	-0.50214	-0.71793	-0.53796	-0.38218	-0.1147	0.02882
PFC0350c	-0.35891	-0.44454	-0.16433	-0.00862	-0.15078	0.16662	0.21084	0.54908	0.64769	0.70673	0.86882	0.85057	0.64495	0.10229	-0.14146	-0.40884	-1.10769	-0.94323	-0.34134	-0.66268	-0.42207	-0.50813	-0.35446	-0.25347
PF14 0541	0.41551	0.32513	0.13009	0.7758	0.8259	0.8847	0.49349	0.29145	0.42732	0.24554	0.28018	0.14034	-0.11715	-0.48813	-0.85991	-1.04505	-1.39641	-1.42587	-0.50444	-0.36664	-0.19439	-0.09926	0.46349	0.74148
PFD0740w	0.14112	0.38599	0.62028	0.64487	0.45837	0.55032	0.51064	0.55095	0.49107	0.79132	0.73839	0.67254	0.56102	0.2287	-0.06108	-0.337	-0.2224	-0.67114	-0.88968	-0.78999	-0.624	-0.29446	-0.13564	0.00447
MAL13P1.235	-0.53516	-0.69014	-0.5486	-0.63986	-0.291	-0.43906	-0.21112	0.04455	0.27228	0.22444	0.27927	0.41415	0.36113	0.46516	0.65665	0.59858	0.57601	0.41539	0.50581	0.218	0.24345	-0.36012	-0.51576	-0.57396
MAL13P1.75	-0.35473	-0.25236	-0.18721	-0.18051	-0.3758	-0.00475	0.04866	0.311	0.57113	0.60159	0.6441	0.6554	0.96338	0.8419	0.62142	0.48413	0.1021	0.23062	-0.24148	-0.17862	-0.04839	-0.05684	0.09901	0.02845
PFA0220w	1.24424	0.68624	0.33822	0.02104	-0.19571	-0.50622	-0.68361	-0.95757	-0.89538	-0.83666	-1.23623	-1.32089	-1.38924	-1.29991	-1.74241	-2.03381	-1.68087	-0.93283	-0.33897	0.73298	0.83701	1.03173	1.00252	0.94255
PF14 0421	0.0949	-0.19935	-0.64614	-0.27859	-0.33582	-0.21527	-0.44175	-0.13884	-0.2433	-0.26805	-0.15267	-0.30202	-0.11246	-0.15135	0.24957	0.34457	-0.13813	0.3415	1.24329	0.47775	0.55752	0.48737	0.45563	0.44335
PFF0825c	-0.4685	-0.05325	0.06275	0.23155	0.51673	0.81229	0.98994	1.36924	1.34057	1.26731	1.42924	1.15329	0.93848	0.31257	0.04913	-0.33982	-0.71064	-0.89707	-1.0588	-1.19586	-1.22638	-1.08124	-0.97632	-0.65065
PF14 0031a	-0.71209	-0.86948	-0.87012	-0.96356	-1.13718	-1.22187	-1.1555	-1.20618	-0.9047	-0.49993	-0.04508	0.19773	0.50469	0.60868	0.68919	0.60449	0.70174	0.41867	0.0495	0.14424	0.10876	-0.14001	-0.26248	-0.62616
MAL8P1.22	-0.01675	-0.4871	-0.8928	-1.26612	-1.40632	-1.3925	-1.50991	-1.63303	-1.53264	-0.8582	-0.69364	-0.56668	-0.30876	-0.06131	0.494	0.89402	0.75844	1.14927	1.3662	0.80665	0.57417	0.17617	-0.16474	-0.49895
PF11 0115	0.57235	0.59354	0.85952	0.48936	0.39206	0.48159	0.41256	0.47225	0.38945	0.34107	0.30439	0.30489	0.3022	0.17369	0.22131	0.06663	0.06153	-0.00627	0.14341	0.00425	0.08921	0.34		

MAL13P1.69	0.21566	0.46299	0.05093	0.48663	0.63973	0.69617	0.52942	0.66463	0.30078	0.48341	0.67096	0.61891	0.29479	0.55108	0.44553	0.50553	0.02016	0.14007	0.33562	-0.01853	-0.1239	-0.08202	-0.18829	-0.25834
PFL0860c	0.49209	0.67101	1.09203	0.78373	0.74901	0.70405	0.63978	0.52525	0.31845	0.48589	0.57133	0.51148	0.34682	0.22986	0.0532	0.06408	-0.05496	0.01668	0.29309	0.202	0.1765	0.19286	0.30679	0.50516
PFI1150w	-0.832	-0.75519	-0.53579	-0.40656	-0.17385	-0.03247	-0.43579	0.65032	0.89928	0.89464	0.80815	0.85341	0.89863	0.78976	0.54339	0.19872	-0.02595	-0.04636	-0.72611	-0.65917	-0.659	-0.58112	-0.50552	-0.19475
PF10_0125	-0.52188	-0.54234	-0.47199	-0.61069	-0.43188	-0.48756	-0.47235	-0.12877	0.58989	0.80697	0.93949	0.97819	0.80823	0.64869	0.47301	0.38014	0.07539	0.38143	0.24599	0.0774	-0.1851	-0.11512	-0.06022	-0.06065
PF10 API0019	1.00215	1.68905	0.50384	0.52921	-0.00703	0.34652	-0.03132	0.47456	0.27763	-0.82393	-0.76877	-0.89058	-1.18547	-1.14552	-0.54747	-0.13205	0.07811	0.47297	0.94342	0.27394	0.72901	1.26482	0.82693	0.42379
PFF0435w	-2.61683	-2.4753	-2.37358	-2.72788	-2.34263	-2.09783	-1.65843	-0.38171	1.10273	0.92175	1.30008	1.10713	0.99004	1.00341	0.48376	0.22583	-0.17708	-0.10757	-0.50267	-1.34339	-1.57354	-1.69298	-2.24398	-1.82529
PFL1325c	0.01243	0.2552	0.24741	0.48429	0.43971	0.42899	0.3814	0.60954	0.2694	0.37168	0.29169	0.34697	0.29291	0.37165	0.42588	0.37119	0.29251	0.12717	0.23227	0.16509	7.34E-06	-0.12695	-0.18351	-0.08571
PF14_0496	0.84095	1.42747	1.4389	1.74826	1.35854	1.93251	1.88768	1.77259	1.37866	1.05275	0.74339	0.60686	0.40937	0.11473	-0.06244	-0.20349	-0.55623	-0.62962	-0.55038	-0.7744	-0.35155	-0.10764	0.07132	0.39246
PFI11_0441a	0.38006	0	-0.20606	0.34528	0.57742	0.48014	0.39468	0.39177	0.06505	0.1273	0.28846	0.22575	0.28821	0.2723	0.3998	0.4688	0.38068	0.37879	0.72915	0.39085	0.4949	0.2897	0.27851	0.33096
PF14_0425	0.02291	-0.83969	-1.20331	-1.07465	-1.12511	-0.8562	-0.63562	-0.35074	-0.18859	0	-0.05349	-0.16332	-0.21706	-0.20285	-0.08371	-0.11974	-0.36101	-0.25445	-0.08843	-0.05528	-0.0836	-0.18645	-0.06651	0.1487
MAL5_trNA_Glu1	0.31619	0.98863	-0.42277	-0.22668	-1.27886	-0.26327	-0.86722	0.21258	-1.15881	-0.43020	-1.04678	-0.8063	-1.02205	-1.36403	-0.21779	-0.91712	0.7526	-0.51996	-0.54267	-0.0756	0.89671	0.12077	-0.45561	
MAL13P1.185	-1.40011	-1.04991	-1.14503	-1.2196	-0.7899	-0.2512	0.50933	0.87508	1.2843	1.38027	1.52146	1.37034	1.21412	0.64145	0.36502	0.04717	-0.17358	-0.32663	-0.67214	-0.9402	-0.8975	-0.79631	-0.92565	-0.7562
PF14_0641	-0.87723	-0.73758	-0.80985	-1.08412	-1.16789	-1.26911	-1.31064	-1.20612	-0.45243	-0.00102	0.4371	0.75891	0.94459	0.8618	1.01163	0.94987	0.4662	0.50649	0.4992	0.10752	-0.21649	-0.55275	-0.72592	-0.86009
PF14_0223	-0.26409	0.28741	0.6081	0.62347	0.6834	0.83658	0.8296	0.73662	0.92153	0.95842	0.887	0.98364	0.91522	0.64127	0.39126	0.12915	-0.08057	-0.25354	-0.30418	-0.50163	-0.48142	-0.27007	-0.17437	0.00053
PF14_0045	1.10486	1.36019	1.30576	1.65878	1.7418	1.37138	1.10345	0.74814	0.39734	0.08021	-0.47453	-1.1416	-1.94271	-2.72909	-3.20165	-3.43393	-3.51852	-3.48135	-1.88974	-0.84502	-0.15307	0.06673	0.66983	0.97972
PFI0395w	0.13826	-0.41756	-1.12772	-0.71886	-0.90394	-1.10182	-1.11277	-1.34067	-1.36725	-0.98738	-0.83253	-0.50168	-0.26862	0.06007	0.29561	0.4453	0.88758	0.72842	0.8479	0.76218	0.60876	0.49136	0.31475	0.00773
PF10_0174	-0.52085	-0.54217	-0.33844	-0.40814	-0.59493	-0.46458	-0.30198	-0.06616	0.02317	0.17293	0.4161	0.69342	0.75826	0.7975	0.82707	0.87711	0.15825	0.5697	0.43655	-0.08602	-0.2843	-0.45914	-0.5388	-0.86292
PF10_API0024:tRNA	0.0636	-0.43647	-0.78095	-1.27675	-1.40865	-1.24118	-1.29773	-0.9911	-0.65737	-0.40789	-0.4702	-0.11416	-0.23114	0.02646	0.29148	1.00311	0.7299	1.43587	0.73891	0.68169	0.26934	0.71161	-0.27225	-0.64344
PF14_0024	-0.18318	-0.55558	-0.52318	-0.79645	-1.12139	-1.40708	-1.49479	-1.40489	-1.8694	-1.88454	-1.32999	-1.14323	-0.8362	-0.73845	-0.07594	0.3278	0.6778	0.03329	1.24672	0.60329	0.5047	0.15521	0.29157	0.31265
PF11_0354	-0.40064	-0.50942	-0.3594	-0.90783	-0.94667	-1.10704	-1.13388	-1.43038	-1.52106	-1.92561	-1.68502	-1.35198	-0.78343	-0.04729	0.52093	0.80838	1.09397	0.98118	0.13484	0.55463	0.51284	0.17743	-0.17302	-0.50674
PF11_0064	0.5043	-0.27304	-0.87833	-0.63592	-0.74789	-0.88835	-0.82275	-0.84326	-0.52829	-0.55624	-0.71281	-0.52845	-0.50675	-0.11372	-0.1775	0.1827	0.65269	0.45825	1.28932	1.09499	1.07759	0.7863	0.95602	0.58096
PF11_0229	-0.28044	-0.59047	-1.15851	-0.02975	-0.27288	-0.49669	-0.40891	-0.27097	-0.52983	-0.34197	0.02772	0.13845	0.43763	0.4682	-0.75735	0.6604	0.40909	0.36943	0.3444	-0.04078	-0.25107	-0.16431	-0.31044	-0.23749
PF14_0479	0.27551	0.32549	0.60705	0.84862	0.92786	0.79548	0.57075	0.69093	0.31675	0.39482	0.3458	0.41902	0.40948	0.40198	0.1784	0.10231	-0.00856	0.03016	-0.04232	-0.08561	0.08501	-0.00166	-0.02331	0.01534
PF10_0311	-0.10625	-0.48277	-0.67917	-0.90373	-1.17185	-1.23713	-1.21455	-0.71583	-0.7093	-0.47223	-0.05289	-0.052	0.14093	-0.09478	0.34487	0.53246	0.20176	0.53494	0.71957	0.29823	0.2719	-0.08295	-0.20333	-0.15135
PF11_0327	0.25646	-0.47774	-0.49425	-0.7371	-0.66879	-0.7119	-0.29897	0.23599	0.68717	0.74689	0.548	0.41983	0.13996	0.0919	-0.138	-0.28961	-0.3412	-0.26147	0.57791	0.3785	0.5649	0.4108	0.5767	0.76701
PFI1085w	0.60275	0.50927	0.27894	0.13057	0.266	0.0797	0.08008	-0.19655	-0.36591	-0.64637	-1.05451	-1.28978	-1.44638	-1.25857	-0.75145	-0.14639	0.26317	0.50984	0.57832	1.12304	1.24148	1.15182	1.14657	0.86331
PFI1285w	1.47165	0.88012	0.40114	0.43821	0.53605	0.14275	-0.07776	-0.01056	-0.34848	-0.29473	-0.14925	-0.0459	-0.19648	-0.1291	-0.40059	-0.45623	-0.12424	0.28435	0.40698	0.93553	1.33882	1.18344	1.06571	1.28899
PFE1150w	0.87933	0.7864	0.7341	1.05877	0.96881	0.34957	0.09645	-0.22217	-0.33808	-0.13804	-0.26953	-0.36649	-0.29767	-0.2818	-0.71439	-1.09227	-1.10491	-1.6358	-1.26753	-0.62843	0.07138	0.10028	0.61732	0.81382
PFF0720w	-0.19433	-0.34432	-0.62948	-0.81912	-0.8946	-1.04769	-1.16918	-1.22953	-1.44445	-1.3049	-1.31318	-0.9031	-0.41751	0.20153	0.33968	0.53753	0.50532	0.70476	0.47239	0.63382	0.44346	0.21363	-0.00961	-0.29556
PDF0400w	1.4366	1.3613	0.87453	1.2442	1.18331	0.70926	0.47794	0.24774	-0.15572	-0.24402	-0.42363	-0.35747	-0.60178	-0.47435	-0.31021	-0.18872	0.22933	0.36588	0.4266	0.88517	1.17788	1.03205	1.09198	1.0868
PF14_0050	-0.21732	-0.10881	0.1166	0.13525	0.10491	0.1428	0.15383	0.05243	-0.00945	0.0714	0.13044	0.27432	0.10701	0.2392	0.17076	0.23061	0.16619	0.25814	0.44653	0.14929	0.03279	-0.10481	-0.11893	-0.22973
PF14_0197	1.13511	1.17614	1.01318	0.79401	0.7233	0.71282	0.72355	0.80486	0.57174	0.44905	0.21501	-0.42432	-0.95927	-1.36424	-1.3216	-1.40319	-0.99721	-0.68161	0.45747	0.36955	0.49736	0.67766	0.79612	1.1988
PDF1100c	0.23495	-0.40596	-0.58832	-0.19369	-1.40333	-1.91436	-2.14428	-2.51095	-3.27907	-3.58561	-3.45493	-3.89432	-3.8024	-3.11964	-1.6195	-0.37537	0.78457	0.71545	1.10198	1.21998	1.13746	0.57555	0.66912	0.22153
PF08_0068	-0.05155	-0.39111	-0.23326	-0.54341	-0.39735	-0.48092	-0.38947	-0.08365	0.2658	0.56548	0.67977	0.63288	0.57519	0.56311	0.50904	0.41585	0.40816	0.10184	0.38179	0.2747	0.1144	0.07754	0.06148	0.1552
PFL1870c	-0.10576	-0.40577	-0.7426	-0.76376	-0.92838	-1.21169	-1.28062	-1.5549	-1.63119	-1.70336	-1.46828	-1.43652	-1.26666	-0.94763	0.03572	0.65696	0.88434	0.74926	1.25858	0.88996	0.7816	0.40816	0.3892	0.02814
PFL1425w	-0.72566	-0.28373	0.05497	-0.12965	-0.2223	0.01928	0.19592	0.31135	0.56813	0.67036	0.90683	0.97058	1.05662	0.62537	0.48608	0.04544	-0.54263	-0.85648	-0.9092	-1.2951	-1.12717	-0.73425	-0.73329	-0.65957
PF11_0292	-0.97717	-0.60865	0.10424	-0.2947	-0.30376	-0.01675	0.10096	0.18474	0.49051	0.66631	0.84798	0.94156	1.0012	0.64785	0.78151	0.45643	-0.12221	-0.02744	-0.28691	-0.61086	-0.8015	-0.71066	-0.56671	-0.55483
PFL2145w	-0.15879	0.33365	0.17739	0.8342	1.01092	0.57332	0.25926	0.34011	-0.21037	-0.40346	-0.09904	-0.32902	-0.55651	-0.79179	-0.50337	-0.54011	-0.2769	-0.21194	-0.34353	-0.22633	-0.15505	-0.04605	0.66461	1.10149
PDF0080c	-0.9562	-1.36065	-1.1339	-1.24208	-1.13812	0.18471	1.52471	1.8861	2.49505	2.09529	1.61566	1.24904	0.01733	-1.19729	-2.13922	-2.14351	-1.94861	-1.51296	-0.89438	-0.91397	-0.99296	-0.80819	-0.82642	-0.81581
PF10_0266	1.01164	1.37648	1.31542	1.66023	1.36865	1.21571	1.02001	0.96443	1.0875	0.98221	0.89212	0.77116	0.5014	0.2811	0.1293	-0.4593	-0.77577	-1.04238	-0.80313	-0.39732	0.12343	0.60267	0.7967	1.00394
PDF0305c	-0.8705	-0.63222	-0.30475	-0.14534	-0.06718	0.29456	0.29213	0.35278	0.31119	0.25919	0.42946	0.43305	0.62104	0.29127	0.36298	0.30732	-0.14842	-0.09623	-0.19322	-0.60061	-0.79747	-0.82869	-0.80916	-0.

PFF1155w	-0.87929	-0.58955	-0.34972	-0.3565	-0.2322	0.05353	0.1193	0.27352	-0.09007	0.07287	0.62573	0.07648	0.33647	0.31009	0.49441	0.28735	-0.02652	-0.28068	-0.37716	-0.99414	-1.1683	-1.15463	-1.25997	-1.14428	
PF0210c	-0.20607	-0.76473	-0.66929	-0.27367	-0.52157	-0.53668	-0.45964	-0.2354	-0.04954	0.36359	0.21388	0.51792	0.4763	0.542	0.4139	0.34366	0.40839	0.21989	-0.04437	-0.0082	-0.1964	-0.18658	-0.02952	-0.15857	
PFI0325c	-0.78334	-0.78667	-0.89204	0.13943	1.02726	0.80982	0.65546	0.4867	0.52692	0.59199	0.42666	0.4343	-0.06664	-0.39914	-1.1007	-1.50765	-1.85229	-1.85807	-1.82839	-0.88448	-0.51081	-0.26768	0.14308	0.21823	
PFI0300w	-0.4595	-0.32439	-0.29311	-0.21194	-0.40386	-0.37712	-0.24371	-0.20239	-0.29596	0.06478	0.35625	0.32988	0.52751	0.37491	0.63633	0.7352	0.39756	0.22475	0.88482	-0.00588	0.04459	-0.06247	-0.18531	-0.43538	
MAL13P1.28	0.11146	0.46374	0.47726	0.5883	0.71148	0.85516	0.93686	0.86375	1.03231	0.8377	0.80208	0.82195	0.68936	0.44347	0.33764	0.12245	-0.19863	-0.15708	-0.31609	-0.65567	-0.55207	-0.28612	-0.21227	-0.17026	
PF14_0691	0.61255	0.02131	-0.12051	0.14031	0.21473	-0.00288	0.02324	0.0317	-0.08843	-0.32578	-0.54316	-0.4199	-0.61767	-0.59332	-0.75283	-0.50935	-0.34213	-0.05208	0.98789	0.74194	0.57759	0.56309	0.85996	0.95304	
PFL1400c	-0.53297	-0.05328	0.07208	0.16	0.21771	-0.1898	0.19412	0.47491	0.78114	0.85777	0.93805	0.91154	0.74757	0.3612	0.08357	-0.33153	-0.44854	-0.76715	0.94922	-1.17337	-0.95788	-0.69603	-0.68083	-0.50129	
PF14_0354	-0.37202	-0.52544	-0.5097	-0.36156	-0.43262	-0.2214	0.02479	0.34472	0.39003	0.43793	0.68005	0.78942	0.8261	0.71779	0.62002	0.50688	0.15765	0.19467	0.08384	-0.30771	-0.52043	-0.81239	-0.91481	-1.13762	
PF14_0505	0.03874	0.02531	-0.3746	-0.27136	-0.54299	-0.54863	-0.60501	-0.56589	-0.53131	-0.49441	-0.43223	-0.1249	-0.01883	0.11146	0.30641	0.46054	0.22019	0.65197	0.72823	0.6182	0.37881	0.26389	-0.07099	-0.1852	
MAL8P1.107	-0.68884	-0.05945	-0.20701	-0.1072	0.28126	0.51535	0.85289	1.14976	1.05843	0.93482	1.02031	0.89281	0.77424	0.39174	0.48246	0.25462	0.01523	-0.05397	-0.02593	-0.4887	-0.72373	-0.18603	-0.58753	-0.53809	
PFF0815w	-0.67984	-0.81252	-0.56264	-0.63677	-0.40208	0.14634	0.60323	0.71904	0.60943	0.42794	0.33361	0.35896	0.47764	0.41442	0.5283	0.53297	0.34556	0.35378	0.36135	0.0673	-0.18569	-0.44558	-0.38502	-0.37979	
PF14_0615	0.74629	0.4743	0.09796	0.38379	0.44628	0.50024	0.37342	0.43738	0.15014	0.07954	0.03614	-0.06389	-0.36787	-0.39472	-0.33971	-0.0998	-0.25671	-0.03275	0.97678	0.68298	0.73091	0.6511	0.74845	0.76452	
PF07_0108	-0.21352	-0.31662	-0.41299	-0.63468	-0.58898	-0.76718	-0.82021	-0.59621	-0.51253	-0.21041	-0.27708	-0.13724	-0.0988	-0.01886	0.21665	0.33143	0.29813	0.47029	0.20601	0.06378	0.06047	0.18193	-0.06509	-0.10082	
PF13_0313	0.30184	0.8036	1.28921	1.46914	1.42489	1.61236	1.62648	1.75853	1.88777	1.57742	1.25897	0.9995	0.62989	0.21571	-0.02352	-0.41313	-0.84113	-0.93084	-0.83363	-1.13572	-0.87906	-0.59017	-0.34845	0.02595	
1400.pre-tRNA-Gln-1	0.81978	1.5274	0.36645	0.08249	-0.31635	0.36894	-0.07522	0.47156	0.31283	0.72976	-0.26675	-0.25043	-0.59971	-0.64616	-0.53004	0.21241	-0.41866	1.39058	-0.56873	-0.85949	-0.33116	1.90209	-0.15161	-0.4134	
MAL13P1.29	0.01617	-0.37882	-0.5992	-1.1101	-1.27742	-1.5206	-1.62164	-1.8925	-2.0569	-2.24615	-1.70963	-1.89746	-1.39066	-0.53274	0.34761	0.76601	1.41385	0.93025	0.70775	1.1914	0.90351	0.40947	0.14979	-0.3169	
PF14_0678	-0.59818	-0.878	-1.22945	-0.97698	-0.86591	-0.98932	-1.13373	-0.44585	0.6688	0.6626	0.53233	0.8992	0.82996	0.78371	-0.04379	-0.41045	-0.24394	-0.92103	-1.00846	-0.69013	-0.63471	-0.89899	-0.21066	-0.23876	
PFI0375w	-0.53174	-0.5467	-0.60192	-0.67103	-0.62746	-0.6114	-0.71758	-0.84408	-1.13055	-1.13315	-0.83253	-0.63508	-0.22212	-0.08653	0.6521	0.79008	0.66704	0.75592	0.61282	0.432	0.137	-0.28844	-0.33349	-0.38635	
PF14_0283	-0.18828	0.00719	0.03867	0.20632	0.313	0.50063	0.51128	0.4115	0.63904	0.59455	0.71667	0.71662	0.72462	0.58588	0.53239	0.41508	0.18294	0.16848	-0.06229	-0.36796	-0.47928	-0.39456	-0.30738	-0.28485	
PF13_0214	-0.82341	-0.45744	-0.30059	-0.15371	-0.05874	-0.0102	-0.27275	-0.17612	-0.13045	0.24306	0.52723	0.25011	0.37404	0.22711	0.35282	0.08711	-0.08126	-0.3609	-0.54642	-1.54588	-1.41717	-0.84495	-1.21056	-1.12305	
PFL0735w	0.01981	-0.10189	-0.62238	-0.43093	-0.61767	-0.59758	-0.5286	-0.60891	-0.53008	-0.16786	-0.22228	0.36631	0.51064	0.48432	-0.50498	0.92295	0.42615	0.86296	0.92125	0.41947	0.15676	-0.02487	-0.18607	-0.23653	
PF10_0114	-0.55829	-0.30625	-0.13782	-0.11506	-0.06135	0.05946	0.38458	0.34579	0.6891	0.6371	0.58052	0.5366	0.3847	0.30445	0.2253	0.05159	-0.0189	-0.25529	-0.52524	-0.49571	-0.58335	-0.6445	-0.52872	-0.4531	
PF14_0513	0.3655	0.5758	1.02367	0.51294	0.37973	0.59712	0.62419	0.74003	1.05747	0.87272	0.78814	0.9278	0.60654	0.52469	0.44268	0.36638	0.12333	-0.11524	-0.18215	-0.09423	-0.24685	-0.08746	-0.05801	0.06663	0.25844
PF14_0081	-0.71685	-0.55623	-0.17282	-0.38376	-0.49236	-0.46432	-0.23876	-0.14273	0.32748	0.45269	0.63272	0.76346	0.46311	0.51663	0.36251	0.15438	0.17866	-0.11985	-0.05099	-0.32371	-0.48483	-0.43707	-0.42414	-0.50633	
PF08_0007	0.2289	-0.21204	-0.50705	-0.66011	-0.89053	-0.97024	-1.19707	-1.25849	-1.74967	-2.02571	-2.14081	-1.72525	-1.49618	-0.92556	0.12573	0.72443	0.67409	0.68101	1.45816	1.04657	0.73424	0.28648	0.30727	0.03042	
MAL13P1.84	0.44743	0.5338	0.66395	0.97954	0.97376	1.0842	0.93046	0.91986	0.635	0.44145	0.59417	0.41923	0.33492	0.12246	-0.00384	-0.02539	0.25672	0.00141	0.42807	0.2977	0.4873	0.51162	0.7402	0.89817	
PFL2480w	0.29511	0.63357	0.68137	0.57902	0.58121	0.40295	0.45766	0.63512	0.73384	0.56029	0.68326	0.44626	0.26584	0.11799	-0.03267	-0.35031	-0.37044	-0.69188	-1.08551	-0.62812	-0.26295	-0.18102	0.06353	0.29526	
PFC10_API0023:tRNA	-0.27205	-0.82564	-3.42924	-1.26409	-1.52347	-1.20423	-1.65755	-1.27902	-1.23594	-1.06978	-0.99346	-0.57961	-0.39675	-0.21192	0.37673	1.10348	0.13394	1.3629	0.64742	0.15543	0.04607	0.51337	-0.09319	-0.4071	
PFL1470c	1.00824	1.31359	1.27136	1.67099	1.74408	1.22034	1.66353	1.5671	1.32603	1.11553	1.01857	0.86128	0.45668	0.1653	-0.07476	-0.41048	-0.8295	-0.7543	-0.70718	-0.85528	-0.72504	-0.32573	-0.05924	0.32485	
PF11_0093	0.7196	0.91228	0.77826	0.9959	0.672	0.75289	0.69507	0.61108	0.42758	0.21751	0.18695	0.28909	0.04032	-0.09881	-0.04477	-0.35477	-0.67722	-0.42448	-0.003	-0.069	0.31493	0.63155	0.75142	0.6987	
PFI0500w	-0.10692	-0.18218	-0.09451	0.03472	0.14524	0.10212	0.28472	0.6382	0.39855	0.38506	0.37108	0.21746	-0.05443	-0.26579	-0.17975	-0.08974	0.01487	0.04917	0.15823	-0.06227	-0.15661	-0.18784	-0.10317	0.07266	
PFB0520w	-1.09212	-0.78795	-1.29541	-1.53957	-1.40722	-1.40659	-0.81437	-0.60566	-0.35543	0.38702	0.44619	0.37229	0.90443	0.84757	0.29026	0.09014	0.34843	-0.11716	-0.62647	-0.47583	-0.96631	-1.05457	-1.12297	-1.23728	
PFD0795w	-0.80689	-1.13909	-0.81748	-1.37054	-1.28453	-1.29157	-1.27068	-1.15365	-0.84861	-0.56859	-0.4617	-0.26053	0.08564	0.56921	0.42409	0.79278	0.43182	0.63595	-0.06641	0.20087	0.09609	-0.17136	-0.5269	-0.79317	
PF11_0464	-0.13618	-0.79348	-0.73874	-1.15748	-1.32203	-2.24155	-2.7319	-2.91819	-3.42016	-3.3897	-3.56815	-3.6959	-3.04366	-1.133815	0.20994	1.14891	1.4318	0.66175	1.16916	1.24179	0.85106	0.47384	-0.27801		
PFF0750w	-0.51921	-0.71737	-0.71018	-0.76266	-0.67802	-0.66505	-0.79667	-0.59276	-0.636	-0.60705	-0.34819	-0.1262	0.14477	0.38941	0.80439	0.89667	0.55429	0.55976	0.53296	0.13113	0.03772	-0.38787	-0.51775	-0.64117	
PF10_0367	0.55943	0.19206	-0.28358	-0.21383	-0.05843	-0.43639	-0.46921	-0.17194	-0.12771	0.14024	0.08093	-0.06161	-0.6486	-0.81834	-1.13773	-0.84793	-0.78946	0.25054	0.83989	1.09256	1.0129	0.79015	1.08382	1.10739	
PF10_0018	1.30854	1.61897	1.43078	1.90041	1.87067	1.95636	1.79277	1.40049	0.80911	0.17979	-0.43789	-0.89675	-1.29538	-1.61079	-2.16069	-1.81346	-1.60947	-2.20402	-1.63721	-1.36475	-0.44426	0.31921	0.50857	0.94851	
MAL13P1.224	0.22356	1.26957	0.48553	0.97287	0.98033	1.0327	0.86425	0.85529	0.6454	0.32817	0.4555	0.50238	0.47614	0.34176	0.3711	0.275	0.20281	-0.07609	0.75479	1.17714	0.42382	0.51962	0.52809	0.65877	
MAL13P1.308	0.40018	-0.63555	-0.88167	-1.19494	-1.38259	-1.81466	-2.3237	-2.66838	-3.00613	-3.82759	-3.84105	-3.81993	-3.5168	-2.76646	-1.52336	-0.58857	0.19441	0.3276	1.52704	1.25475	1.14823	0.89322	1.09999	0.93994	
MAL8P1.42	-0.06778	0.09533	-0.4969	0.48089	0.44023	0.81449	0.77578	0.61006	0.47192	0.66286	0.58062	0.61185	0.52691	0.15513	0.41192	0.23497	0.27978	-0.04583	0.15356	-0.04119	-0.09098	-0.14594	-0.10462	-0.06083	
PF10_0287	0.09252	0.38432	0.29409	0.72789	0.57427	0.60698	0.62331	0.62609	0.36678	0.34741	0.31343	0.2488	-0.01729	0.04823	0.17237	-0.09195	0.17405	0.50555	0.12518	0.00274</					

PFD0230c	0.0551	-0.36195	-0.42198	-1.16095	-1.60026	-1.82073	-2.13094	-2.71009	-3.02648	-3.33885	-3.61298	-3.82696	-3.72258	-3.086	-1.44479	-0.07075	1.0039	0.86365	1.41534	1.29035	1.16484	0.96486	0.90102	0.20235
PF11_0106	0.04287	0.19395	0.79108	0.63319	0.67718	0.99522	0.62342	0.41085	0.61357	0.63662	0.41658	0.78508	0.45457	0.29177	0.23586	-0.37067	-0.85745	-0.46177	-1.02632	-1.4837	-1.40252	-1.03907	-0.80004	-0.36201
PFL0692c	-0.39797	-0.04612	0.27674	0.14853	0.26555	0.38664	0.3501	0.40493	0.22115	0.25526	0.0422	0.12896	0.59195	0.41215	0.45563	0.3542	0.12328	-0.06104	-0.38571	-0.62521	-0.93004	-0.69964	-0.60589	-0.40221
PFL0690c	-0.76589	-0.25363	0.12012	-0.26465	-0.14454	-0.26522	-0.27804	0.62334	1.08725	0.91769	1.05095	1.00617	0.94105	0.67418	0.27941	0.15518	-0.26964	-0.21985	-0.40681	-0.66208	-0.77903	-0.53936	-0.78139	-0.58852
MAL7P1.129	-0.78013	-0.52827	-0.36417	-0.50543	-0.30819	-0.47878	-0.18916	-0.09929	0.43601	0.56961	0.40652	0.73064	0.81656	0.87187	0.54571	0.22408	0.32737	0.21757	-0.90774	-0.49287	-0.65154	-0.49064	-0.55111	-0.61958
PFL0055c	-0.85846	-0.0676	-0.28214	-0.24267	-0.37431	1.32976	2.68376	2.8199	3.07587	2.14578	1.53392	1.10069	0.7071	0.00438	-0.38136	-0.41626	-0.81747	-0.84078	-0.85978	-0.8143	-0.78778	-0.42834	-0.74688	-0.674
MAL13P1.128	-0.34564	0.0238	-0.17743	0.08091	0.19599	0.06387	-0.0793	-0.11351	-0.68001	-0.27993	0.21035	0.19455	0.55356	0.34741	0.49671	0.38809	0.29936	0.11234	0.45811	0.01417	0.05601	0.09346	0.32417	0.5135
PF10_0169	0.17057	0.68164	0.58946	0.81251	0.86903	0.96859	0.97212	0.86521	0.67078	0.29655	0.39349	0.25502	0.10292	-0.18406	-0.21481	-0.46008	-0.41217	-0.44476	-0.28037	-0.41045	-0.21572	0.07722	0.08144	0.40399
PFB0470w	-0.17749	-0.00552	0.11267	0.12415	0.22066	0.48896	0.53356	0.64336	1.06002	1.03128	1.02521	1.11873	0.77101	0.55702	0.11766	-0.19106	-0.32227	-0.24738	-0.0039	-0.06307	0.01244	0.13641	0.30955	0.44929
PF14_0382	-0.88497	-1.00001	-0.88734	-0.79005	-0.30846	-0.02716	0.29975	0.39659	0.66524	0.71016	0.75152	0.76954	0.83251	0.78385	0.48922	0.28172	0.1408	0.10211	-0.35514	-0.3916	-0.5916	-0.72694	-0.91736	-0.89472
PFC10_API0060	-0.53075	-1.11135	-1.14211	-1.66504	-1.52353	-1.73944	-1.88438	-1.41991	-1.65026	-1.25384	-1.07864	-0.89842	-0.89876	-0.46976	0.09244	0.74763	1.00846	1.21334	0.30159	0.13279	-0.07319	0.4406	-0.50374	-0.69644
PFL0600w	-0.75771	-0.61841	-0.2528	-0.28216	-0.27108	-0.03298	-0.23889	-0.37766	-0.17159	-0.03629	0.07683	0.17439	0.43127	0.66676	0.65048	0.4644	0.73186	0.25726	0.03424	0.00775	-0.43939	-0.46892	-0.70342	-0.47782
PFA0405w	-0.34013	-0.6187	-0.2732	-0.465	-0.06323	0.12755	0.14853	-0.08496	0.19837	0.14325	0.29149	0.39763	0.2463	0.50153	0.46444	0.45516	0.15772	0.43283	0.39472	0.42882	0.12093	-0.19914	-0.1581	-0.28018
PF14_0363	-0.17972	-0.51733	-0.6902	-0.68574	-0.6215	-0.54482	-0.40236	-0.24424	-0.13086	-0.12795	-0.52089	-0.73125	-0.77749	-0.71352	-0.65822	-0.08298	0.64831	0.58089	0.66605	0.81962	0.82778	0.61178	0.44849	0.08237
PF11_0198	-1.02688	0.03502	-0.32312	0.62183	0.50697	0.65986	0.75855	1.04336	0.81821	1.09897	0.9474	0.8145	0.70438	0.15173	0.11585	-0.10406	-0.22245	-0.54721	-0.42416	-0.93329	-1.14445	-0.81121	-0.80477	-0.71787
MAL13P1.16	-0.63935	-0.7328	-0.42653	-0.80327	-0.47012	-0.51374	-0.5997	-0.4445	-0.63205	-0.41871	0.14596	0.25111	0.41007	0.48691	0.80861	0.37468	0.36929	0.43032	0.19111	-0.06441	-0.70236	-0.70029	-0.63017	-0.50147
PF11_0373	0.5003	-0.08591	-0.49706	-0.38942	-0.46019	-0.86199	-1.06688	-1.31312	-1.74686	-2.1028	-0.20258	-2.18432	-2.35755	-1.91375	-0.82952	0.07802	0.94599	0.41274	0.22171	1.19886	1.26298	0.91962	0.79914	-0.55428
PF14_0484	-1.2326	-1.12036	-1.1511	-1.50083	-1.33745	-1.30072	-1.2784	-0.86237	0.20523	0.66406	1.03227	1.1078	1.15525	0.77956	0.68747	0.44349	0.33358	-0.01002	-0.24935	-0.65672	-1.00572	-1.00211	-1.04601	-0.99772
PF14_0347	-0.72117	-0.83684	-0.9764	-0.80284	-0.41871	-0.4186	-0.58926	-0.31237	-0.18674	0.21613	0.38949	0.73086	0.66649	0.81258	0.55795	0.41026	0.23859	0.34275	-0.0099	0.11043	-0.20518	-0.48059	-0.59042	-0.53892
PFC0490w	0.88626	0.43477	-0.13215	0.40036	0.42159	-0.0778	0.08983	0.32949	0.49187	0.63057	0.76458	0.77333	0.72437	0.39851	0.16735	-0.05799	-0.36624	-0.2104	0.25953	0.3987	0.7407	0.53904	0.74457	0.93895
PF10_0037	0.58712	0.29609	0.17881	0.18375	0.07172	0.06705	-0.02939	-0.32527	-0.47551	-0.68003	-0.91106	-0.77665	-0.85806	-0.80446	-0.54459	-0.07608	0.57527	0.44452	1.07373	0.94699	1.03523	0.95554	0.93318	0.60147
PFA0625w	0.03919	-0.30117	-0.18914	-0.39008	-0.46913	-0.56402	-0.42204	-0.2892	0.03435	0.20476	0.10075	-0.17381	0.17018	0.1619	0.00209	0.19434	0.68791	0.69156	0.18883	0.27632	0.61309	0.50963	0.06837	-0.01533
PF14_0408	0.118	-0.13209	0.00154	-0.14852	-0.11904	-0.30429	-0.38372	-0.5753	-0.52709	-0.37458	-0.15576	-0.09781	-0.05708	0.1191	0.29289	0.35738	0.84046	0.27964	0.9663	0.77152	0.83343	0.37818	0.40203	0.34473
PFL1320c	0.17114	0.52001	0.21801	0.27494	0.23046	0.4952	0.15303	0.04639	-0.23162	-0.2141	-0.14038	-0.12979	-0.08197	-0.0442	0.38007	0.46706	0.44164	0.33453	0.49831	0.29545	0.28182	0.09031	0.00696	0.15104
PF14_0648	0.26733	0.21883	0.01968	0.17368	-0.01692	-0.0754	-0.00806	0.18232	0.15937	0.16245	-0.00353	-0.01839	-0.05913	-0.08422	0.15248	0.17351	0.03619	0.262	0.18774	-0.07697	0.15675	0.16605	-0.1013	0.06343
MAL7P1.36	-0.19061	-0.15458	-0.2704	-0.12548	-0.07232	-0.14049	-0.10057	0.45899	0.24061	0.39468	0.61713	0.40306	0.32456	0.12453	0.26437	0.09571	-0.11994	-0.1903	-0.15028	-0.29148	-0.34664	-0.45754	-0.18844	0.10565
PFL1725w	-0.68147	-0.54553	-0.83188	-0.61191	-0.64757	-0.67499	-0.9076	-0.68513	-0.5398	-0.17973	0.48568	0.53588	0.84505	0.66914	0.7782	0.61	0.19879	0.32562	0.36716	-0.17076	-0.19436	-0.41415	-0.38159	-0.36509
PFE0555w	-0.47905	-0.87464	-1.23803	-1.4018	-1.29194	-1.74319	-1.83228	-1.96702	-2.17374	-1.80761	-1.39416	-0.93296	-0.27535	0.3209	0.55853	0.75962	0.79507	0.8442	0.62828	0.49438	0.29219	-0.21708	-0.59896	-0.90927
PFI0655c	-1.14398	-0.71568	-0.58479	-0.52233	-0.48453	-0.09504	-0.0057	0.8013	1.3203	0.95358	1.1711	1.2157	0.88967	0.5828	0.43326	0.27531	-0.11083	-0.0329	0.03676	-0.16786	-0.25492	-0.30357	-0.06883	-0.02918
PF14_0236	0.2508	0.35004	0.5312	0.40475	0.49602	0.53784	0.39392	0.2806	0.57867	0.26086	0.29325	0.35867	0.40017	0.40035	-0.27509	0.1413	0.28369	0.17692	0.10848	0.12169	0.26377	0.44384	0.51297	0.5167
PF11_0215	-0.68615	-0.68436	-0.43081	-0.76645	-0.73384	-0.6058	-0.65943	-0.42704	-0.18897	0.33536	0.929	1.07685	0.89932	0.65407	0.59482	0.51401	0.10824	-0.00044	0.26458	-0.12992	-0.38794	-0.65026	-0.59555	-0.60833
PF13_0038	-0.12662	-0.1321	-0.25481	-0.00071	-0.00268	-0.06298	-0.26889	0.01598	0.05036	0.01536	0.07315	0.30101	0.42388	0.33054	0.55253	0.41582	0.61959	0.35382	0.12529	0.00315	-0.02584	0.00241	-0.22605	-0.24999
PFL1315w	-0.35936	-0.27553	0.00442	-0.20672	-0.13558	-0.07276	0.01306	0.0146	0.38097	0.39485	0.38884	0.42383	0.42936	0.42275	0.16193	0.17615	0.04168	0.01295	-0.18435	-0.18709	-0.35111	-0.31697	-0.45977	-0.38678
MAL13P1.48	-0.0456	0.0224	-0.50608	-0.27646	0.19084	-0.08037	-0.03536	0.40557	0.86382	0.87684	0.88708	0.8155	0.57071	0.43636	0.09711	0.02184	-0.06358	0.03795	-0.39888	0.14471	0.25158	0.37987	0.36669	0.43278
PF07_0007	-1.80077	-1.02248	-0.90881	-0.299	0.6996	1.89938	2.86688	2.75997	2.36168	1.43342	0.7254	0.42589	-0.42398	-0.84424	-1.20414	-1.70077	-0.51702	-2.22284	-2.50658	-3.20804	-3.01101	-2.47378	-3.20999	-1.66653
PF08_0134	-0.25558	-0.29711	-0.36274	-0.25933	-0.22826	-0.0807	-0.11662	0.10363	-0.1362	-0.15971	0.1949	0.33147	0.46764	0.37475	0.60076	0.58384	0.3135	0.22661	0.45365	0.08391	-0.00749	-0.1103	-0.14463	0.12341
PF08_0028	0.19921	0.52745	0.52847	0.56307	0.56745	0.46731	0.47273	0.46897	0.35121	0.44364	0.52404	0.50073	0.4757	0.48798	0.41049	0.21522	-0.07676	-0.09804	-0.33136	-0.34776	-0.18271	0.02017	-0.10558	0.13063
PF07_0092	0.32557	0.56502	0.51057	0.39771	0.39943	0.26348	0.27255	0.3648	0.26435	0.27322	0.26038	0.08355	0.10451	-0.18579	-0.26085	-0.47144	-0.42678	-0.43214	-0.57592	-0.45601	-0.28158	-0.13063	-0.15799	0.06298
PFD0835c	-0.38749	-0.06853	0.26823	0.25302	0.27731	0.44238	0.49631	0.54245	0.77664	0.70068	0.65231	0.632	0.59298	0.47254	0.28999	-0.05511	-0.10705	-0.45719	-0.55339	-0.62894	-0.66879	-0.66104	-0.5424	-0.26422
PFL1710c	-0.29007	-0.13934	0.20525	0.11457	0.33172	0.75004	0.85645	0.79957	0.70598	0.75993	0.76206	0.67815	0.7165	0.74995	0.58754	0.34097	0.37098	-0.02	-0.06636	-0.17311	-0.10516	-0.10222	-0.05703	0.14478
PFL11_0254	-0.30383	0.23642	0.17429	-0.07872	-0.25811	-0.09091	0.12909	0.2768	0.52796	0.48507	0.55091	0.52596	0.57684	0.21686	0.47558	0.23243	-0.00787	-0.34651	-0.36537	-0.74389				

MAL8P1.49	0.46638	1.02994	1.23449	1.69408	1.67951	1.57394	1.56103	1.46013	1.24277	1.14928	1.00068	0.89062	0.57222	0.41927	0.12642	-0.17907	-0.75527	-0.71468	-0.89942	-0.82366	-0.6828	-0.29286	-0.09933	0.25222
PF10_0067	0.4876	0.87636	1.05246	0.88393	0.80211	0.82492	0.83662	0.97423	0.88859	1.12118	0.84727	0.55495	0.32843	-0.18626	-0.59672	-0.88325	-0.85032	-0.86862	-1.09065	-0.66639	-0.42862	0.18762	0.40757	0.52153
PFA0270c	-0.4993	-0.67091	-0.64343	-0.70997	-0.65897	-0.55044	-0.47882	-0.08295	0.56778	0.77465	0.90718	1.18149	1.02072	0.80228	0.67993	0.49846	0.06052	0.25146	0.0873	-0.23849	-0.39293	-0.37417	-0.34523	-0.30658
PF14_0711	-0.17013	-0.03795	0.17427	-0.0772	-0.00596	0.14247	0.23648	0.55158	0.57803	0.65486	0.77675	0.70297	0.79305	0.56738	0.3542	0.17409	0.00584	0.04488	-0.15256	-0.44371	-0.26024	-0.21217	-0.28798	-0.12533
PFF1080w	-0.6657	-0.52774	-0.69455	-0.55313	-0.56593	-0.5298	-0.38747	0.00639	0.27536	0.60881	0.90842	1.25286	1.30753	1.0268	0.87635	0.72082	0.14964	0.37368	0.32698	-0.09284	-0.21581	0.18755	-0.0622	-0.23526
MAL8P1.93	0.32967	0.34338	0.29407	0.67571	0.91689	0.47023	0.29701	0.72419	0.43486	0.3069	0.54251	0.48433	0.56472	0.3593	0.32133	0.14256	-0.37768	0.00609	-0.00499	-0.1509	-0.07724	-0.22346	0.01749	0.22241
PFE0475w	-0.66582	-0.72262	-0.71719	-0.39671	-0.40717	0.0028	0.16823	0.37286	0.53677	0.71344	0.80373	0.87196	0.79252	0.63014	0.39497	0.15279	-0.03951	-0.0362	-0.22783	-0.44017	-0.5993	-0.66497	-0.71795	-0.60476
PF10_0090	0.4334	0.55676	0.42351	0.61446	0.62043	0.44552	0.41434	0.43274	0.45045	0.40596	0.50034	0.59724	0.25545	0.33384	0.31568	0.30696	0.19256	0.47134	0.10396	0.15248	-0.08244	-0.05752	0.06673	0.1273
PFC1050w	0.58191	0.15048	0.2084	-0.24205	-0.22799	-0.08727	-0.15407	-0.19157	-0.3265	-0.22654	-0.40465	-0.31179	-0.352	-0.57927	-0.66982	-0.71629	-0.83144	-0.34217	0.31861	0.29098	0.46276	0.67834	0.84605	0.75638
PFL2040w	-0.04635	0.11087	0.01808	-0.02211	-0.01457	-0.08807	-0.01875	-0.07271	0.08953	0.11577	0.27856	0.35663	0.52767	0.46068	0.53816	0.46541	0.52165	0.34722	0.5261	0.16215	0.0833	0.21462	0.26539	0.38442
PF14_0026	-0.17152	0.03897	0.52729	0.42763	0.30581	0.62696	0.5085	0.42672	0.54331	0.3803	0.38536	0.43841	0.49954	0.44023	0.48741	0.5122	0.52588	0.47318	0.48766	0.06151	-0.22195	-0.23067	-0.19686	-0.21725
PF1105w	-1.83045	-1.29309	-0.68299	-0.49142	-0.20567	0.15332	-0.13647	-0.21984	-0.26952	-0.05201	0.60114	0.54849	0.84859	0.68356	0.47163	0.11131	-0.53272	-0.51106	-1.33405	-1.92138	-2.18499	-2.13305	-2.04725	-2.01236
PFC0765c	-0.73037	-0.77001	-1.03066	-1.01233	-0.3958	-0.35049	-0.11608	0.37697	0.64188	0.5211	0.66297	0.54305	0.72033	0.72329	0.66125	0.68728	0.76833	0.42789	0.68165	0.30428	-0.14977	-0.30697	-0.46209	-0.88208
PFF0765c	-0.4419	-0.6066	-0.79794	-0.50021	-0.68847	-0.60462	-0.36611	-0.34421	-0.27496	0.01457	0.09225	0.17417	0.3951	0.52361	0.43506	0.45252	0.31301	0.39968	0.2077	0.27426	-0.0364	-0.23492	-0.39328	-0.58944
PFE1050w	-1.8722	-1.62243	-1.23973	-1.495	-1.44433	-1.24609	-1.50834	-1.61142	-1.51401	-0.87365	-0.53468	-0.25251	0.36873	0.54987	0.81843	0.71552	0.40181	0.22116	-0.19623	-0.86229	-1.22732	-1.6897	-2.05283	-2.23841
PF08_0141	0.75494	0.95475	0.21795	0.8936	0.14504	0.0723	0.08439	0.56507	0.57645	0.50543	0.42474	0.51821	-0.07218	0.13596	0.23947	0.3404	0.18958	0.09498	0.62832	0.03146	0.32338	0.23086	-0.18188	-0.17498
MAL13P1.336	-0.44908	-0.23162	0.07129	0.19094	-0.05357	0.0713	0.08825	-0.03686	0.10143	0.10508	0.12624	0.3327	0.44021	0.5061	0.55119	0.36799	0.20257	0.24315	-0.44918	-0.46253	-0.56707	-0.47006	-0.43309	-0.56683
PFL0535c	-0.50383	-0.80314	-0.76714	-0.94173	-1.06661	-1.00206	-1.21363	-1.19559	-1.00973	-0.40167	-0.09917	0.25863	0.52313	0.59073	0.83294	0.81746	0.51248	0.64645	0.57587	0.29349	-0.11798	-0.40125	-0.50009	-0.51317
PFF1230c	1.00008	0.83653	0.79096	0.89112	1.09859	1.24819	1.08669	0.89177	0.42086	-0.30395	-0.74064	-1.50014	-2.23106	-2.78382	-2.86568	-3.40024	-2.55715	-1.96581	0.41592	0.40228	0.51435	0.46387	0.68719	1.03469
PF11_0393	1.08164	1.25373	0.8883	1.10429	1.05672	1.03634	0.78761	0.80988	0.53703	0.34373	0.38204	0.3088	0.1414	0.10901	0.04015	-0.03517	-0.21112	-0.45979	-0.22235	-0.59241	-0.07051	0.01766	0.14318	0.58273
PFF1470c	-0.72456	-0.8937	-0.89688	-1.07674	-0.94675	-1.05372	-1.00056	-0.96316	-0.43153	0.08184	0.30714	0.49719	0.58904	0.86677	0.67492	0.52109	0.28927	-0.02362	-0.10355	-0.21049	-0.50323	-0.73994	-0.56651	
mal_mito_3	-0.6709	-0.82667	-1.15135	-1.56998	-1.53807	-1.55383	-1.64404	-0.97851	-1.58643	-1.50735	-1.05587	-0.71536	-0.36883	-0.03259	0.40476	0.91296	0.65188	1.23345	0.71575	0.07629	0.03493	0.51101	-0.64113	-0.82607
PF10_0332	0.21531	0.26415	0.00531	0.35827	0.32571	0.3471	0.38536	0.31794	0.26403	0.2362	0.14977	0.1929	0.05991	0.27337	0.51763	0.6707	0.41597	0.46061	0.58245	0.37293	0.22189	0.01014	-0.15506	-0.13868
PFF0375c	-0.9841	-1.11958	-1.07403	-1.4626	-1.73468	-1.84423	-1.77957	-1.94457	-1.83651	-1.55218	-1.30556	-1.06155	-0.35205	0.25635	0.86606	0.95899	1.01951	0.69471	0.27361	0.42373	0.10955	-0.18377	-0.58458	-0.98327
PF13_0077	-0.59221	-0.52119	-0.71883	-0.63465	-0.5677	-0.3005	-0.13853	0.0537	0.28122	0.27692	0.51519	0.46313	0.39373	0.31558	0.06183	-0.03858	0.21062	0.03228	-0.13926	0.12921	0.2298	-0.23149	-0.05373	-0.3384
PF13_0071	-1.36482	-1.44891	-1.42305	-1.32847	-1.16289	-1.05161	-0.45176	0.20891	0.92052	1.41142	1.37856	1.46899	1.11241	0.79629	0.39419	-0.11567	-0.45809	-0.7318	-1.00739	-1.14041	-1.26206	-1.47216	-1.36406	-1.08717
PF08_0136	0.82106	0.80489	0.59273	0.83247	1.13107	1.19356	0.98943	1.29867	0.80752	0.44261	0.45219	0.01028	-0.14529	-0.15692	-0.25661	-0.21708	-0.2942	-0.2594	0.54106	0.20814	0.65915	0.4911	0.76711	0.6503
PF08_0018	0.00906	-0.00229	0.20679	0.14853	0.16704	0.60872	0.52562	0.42557	0.56034	0.59477	0.49959	0.46267	0.42152	0.45371	0.21616	0.24122	0.21628	0.02738	0.13923	0.13634	0.06154	0.26949	0.14545	
MAL7P1.11	-0.64776	-0.33522	0.35315	0.00662	0.04504	0.27635	-0.5509	0.80977	0.38972	0.86105	0.82173	0.83127	0.37584	-0.04967	0.2095	0.08506	-0.31041	-0.1483	0.30276	-0.29246	-0.54569	-0.36681	-0.30529	-0.33869
PFE1390w	0.42488	0.72879	0.98387	0.49408	0.83954	0.90546	0.54656	0.77181	0.64847	0.50523	0.71408	0.60561	0.58966	0.27613	0.14472	-0.05992	-0.3718	-0.44433	-0.36153	-0.6501	-0.46486	-0.19005	0.07385	0.24825
PF14_0112	-1.07473	-1.17058	-1.17159	-1.26007	-1.15751	-1.12441	-1.15989	-1.21718	-0.50691	-0.01714	0.27913	0.50823	0.8794	1.05616	0.65328	0.377	0.6295	0.02565	-0.85091	-0.40995	-0.84916	-0.83138	-0.93106	-0.94767
MAL13P1.322	0.92766	0.98055	0.80555	1.14697	0.91333	0.96921	0.84184	0.95287	0.8051	0.65466	0.59375	0.37338	0.33172	0.10053	0.03771	0.04986	0.06189	-0.27159	0.25612	0.12636	0.10256	0.35818	0.59571	0.51014
PFL0200c	-0.09097	0.23222	0.07719	0.16193	0.29966	0.04479	-0.04561	0.16384	0.37692	0.61317	0.64007	0.63785	0.7523	0.6973	0.50543	0.21706	0.14416	-0.15281	-0.36413	-0.25563	-0.06417	-0.08408	-0.06386	0.09221
PFE1015c	-0.45032	-0.22941	0.05723	0.01409	0.18965	0.49847	0.55535	0.69034	0.75477	0.80682	0.64934	0.67971	0.72867	0.52957	0.40415	0.21068	0.15506	-0.32937	-0.05803	-0.44784	-0.31657	-0.6103	-0.5017	-0.41556
PF13_0107	0.52544	0.82876	1.20028	1.17708	1.02523	1.04186	1.04813	0.68788	0.60462	0.54488	0.42272	0.53514	0.42292	0.18838	0.04582	-0.0792	0.49953	0.04465	-0.0448	0.18034	0.40265	0.4287	0.6647	0.71124
PF14_0300	-1.1796	-1.03744	-0.98181	-0.89729	-0.90861	-0.69148	-0.36799	-0.1259	-0.07858	0.21058	0.45016	0.7155	0.72787	0.669	0.82003	0.6814	0.19653	0.23183	7.39E-05	-0.23688	-0.7456	-0.87772	-0.93512	-0.89705
PF08_0122	0.75385	1.06145	1.10283	1.46626	1.44213	1.38565	1.09782	0.84265	0.36896	0.13481	-0.15637	-0.22193	-0.0245	0.09267	-0.0009	-0.15389	0.01295	-0.02712	-0.30648	0.10712	0.54617	0.96753	1.13497	1.18579
MAL8P1.139	-0.84149	-0.88545	-0.52393	-0.91066	-0.86007	-0.6844	-0.55433	-0.76327	-0.20891	-0.00854	-0.1148	0.04644	0.21012	0.56865	0.40116	0.39344	0.56712	0.38783	-0.40903	-0.0008	-0.06989	-0.26798	-0.55042	-0.73202
MAL13P1.122	1.4131	1.48805	1.03977	1.15683	1.02339	0.7978	0.67017	0.4267	0.48839	0.52149	0.34076	0.08506	0.07691	-0.00306	-0.4554	-0.83349	-0.85146	-0.95599	-1.26621	-0.23837	0.38651	0.81741	0.9396	1.01977
PFL2105c	0.7381	0.7182	0.95188	0.84405	0.7247	0.77332	0.74945	0.7048	0.51391	0.36833	0.4737	0.29176	0.18911	-0.13613	-0.15386	-0.26815	-0.50313	-0.27752	0.1687	-0.0586	-0.07701	-0.09354	0.19353	0.40995
MAL13P1.241	0.39881	-0.00052	-0.1803	-0.23519	-0.44969	-0.47771	-0.65663	-0.73349	-1.17342	-0.98378	-0.61024	-0.47037	-0.29127	-0.17461	0.1721	0.60272	0.34801	0.80966	1.17713	0.89003	0.69891	0.225		

PF14 0469	0.93694	1.01581	0.66955	0.87361	0.77734	0.59923	0.2995	0.22128	-0.1884	-0.22129	-0.18793	-0.37983	-0.37498	-0.41575	-0.19776	-0.16023	-0.36639	-0.18785	0.03767	-0.05108	0.13126	0.2356	0.41995	0.67651
PFE1010w	0.34791	0.35306	0.58401	1.07536	1.08749	1.30296	1.18299	0.92769	1.03591	0.97235	0.91576	0.77752	0.58717	0.44382	0.14474	0.05839	-0.17064	-0.15074	-0.37594	-0.37885	-0.57188	-0.3835	-0.17034	0.23681
PFF0920c	-0.53748	-0.26697	0.00457	-0.25639	-0.19695	0.05568	0.12123	0.00574	0.22288	0.33178	0.29517	0.41499	0.57859	0.56114	0.38597	0.22077	0.2482	0.10944	-0.55674	-0.43144	-0.44013	-0.41571	-0.72376	-0.74223
MAL13P1.201	-0.20415	-0.2502	-0.07674	0.24477	0.43657	0.53323	0.48427	0.33994	0.47229	0.52244	0.62816	0.99207	0.85307	0.76676	0.58846	0.31448	-0.05833	0.1878	0.08377	0.03631	-0.1221	-0.34031	-0.19117	-0.20236
PFL1235c	0.21246	0.49492	0.68324	0.40401	0.51526	0.53893	0.51137	0.65352	0.65641	0.5276	0.50969	0.53108	0.49339	0.16849	0.04968	-0.22725	-0.35225	-0.40321	-0.78244	-0.82858	-0.59214	-0.18562	-0.08214	0.05
PF10 0167	-0.01007	-0.44389	-0.3723	-0.42032	-0.84742	-0.86331	-0.98854	-0.95654	-0.76048	-0.18771	0.20635	0.55975	0.46713	0.41484	0.46838	0.37205	0.08147	0.53863	0.65056	0.51649	0.33524	0.03512	-0.02464	-0.25089
MAL8P1.18	-0.67097	-0.84972	-0.83084	-0.84131	-0.78038	-0.52884	-0.40323	-0.26302	0.0755	0.36395	0.27018	0.55229	0.80873	0.99447	0.75574	0.64601	0.44271	0.60075	0.06827	0.09701	-0.2926	-0.36522	-0.61356	-0.78517
PF11660w	-0.4442	-0.68313	-1.82189	-0.41858	-0.95226	-0.96294	-1.08443	-0.86281	-0.78486	-0.71119	-0.32218	-0.1496	0.0625	-0.02738	0.6061	0.5088	0.45918	0.35827	0.96677	0.2935	-0.02648	-0.13754	-0.25088	-0.48393
PFI0770c	0.12348	0.23753	-0.21573	0.02115	-0.14361	-0.08909	-0.16448	-0.19702	-0.50187	-0.61577	-0.43043	-0.15232	-0.21297	-0.05483	0.39941	0.5614	0.60573	0.43785	0.82985	0.44659	0.35196	0.39267	0.3259	0.23488
PFL1825w	-1.39316	-1.43036	-1.15461	-1.50509	-1.64781	-1.49092	-1.16972	-0.90869	-1.34173	-0.65964	-0.37925	-0.20727	0.02805	0.26443	0.53313	0.47134	0.49259	0.39819	0.25389	0.22467	-0.47823	-1.00924	-1.02704	-1.23465
PF11035w	0.24643	0.13866	0.72126	0.44823	0.74768	1.22223	1.45534	1.46465	1.51553	1.35066	1.28615	1.0929	0.80397	0.4542	0.2278	0.00741	-0.51119	-0.48917	-0.32492	-0.31314	-0.10201	-0.09509	-0.09294	0.25841
PF14 0733	1.44265	1.09738	0.56131	0.83608	0.60767	0.2335	-0.29786	-0.31087	-0.38239	-0.68953	-1.1309	-1.15556	-1.78014	-2.35618	-2.74565	-3.10369	-3.02167	-2.62381	-0.43357	0.6149	0.79842	0.61225	1.32103	1.421
PFF0795w	0.3137	0.39184	0.34312	0.31774	0.42708	0.34305	0.42384	0.543	0.62663	0.75713	0.7718	1.01679	0.53621	0.51135	0.11071	0.05783	-0.19188	0.323	-0.27952	-0.11443	-0.32717	-0.18863	-0.21121	-0.13957
MAL8P1.123	-0.75617	-0.6532	-0.19681	-0.44188	-0.19394	-0.08176	0.08136	0.19596	0.17859	0.241	0.29818	0.3586	0.42692	0.66951	0.66435	0.54318	0.46746	0.24603	0.04761	-0.06909	-0.29664	-0.55139	-0.75373	-0.69707
PFF1020c	0.26046	-0.24974	-0.62672	-0.73229	-0.87276	-1.11879	-1.34045	-1.47324	-1.90073	-2.12984	-2.15669	-2.17967	-2.05762	-1.77146	-0.74868	0.35923	0.70591	0.86882	1.30439	0.91751	1.12432	0.88165	0.59441	0.10684
MAL13P1.54	-0.41775	0.02507	0.57305	0.73906	0.58081	0.66707	0.6081	0.77106	0.74402	0.76507	0.64855	0.52261	0.5397	0.2213	0.41042	0.27991	0.24048	-0.08109	0.06725	-0.31145	-0.33448	-0.32566	-0.33962	-0.30223
PF07 0011	0.00173	0.56548	0.54743	0.84829	0.98574	1.16268	1.05809	1.34116	1.0243	0.88688	1.02094	0.72125	0.76248	0.42735	0.3993	0.21761	-0.40132	-0.19423	-0.31909	-0.41967	-0.56263	-0.62002	-0.43167	-0.12302
PFD0365c	-1.18088	-0.55828	-2.59544	-0.24639	-0.15943	0.03188	0.19749	0.68646	0.5695	0.60913	1.12623	1.11253	0.95054	0.37976	0.51245	0.33122	0.01612	-0.12629	-0.38054	-0.73269	-0.84913	-0.6349	-0.48513	-0.5577
PFB0895c	-0.80386	-0.90484	-1.0326	-0.96016	-1.00118	-1.34507	-1.18003	-0.97954	-0.39188	0.11686	0.424	0.78507	0.85777	0.82545	0.75106	0.54966	0.37049	0.34041	0.06204	-0.15777	-0.36099	-0.53388	-0.67204	-0.78866
PF14 0329	-1.63212	-1.6845	-1.74358	-1.59051	-1.27747	-0.9732	-0.42043	0.53582	0.97448	1.16297	1.44147	1.45648	1.17307	0.53666	0.42907	0.02727	-0.9436	-0.65773	-0.67635	-1.18292	-1.35812	-1.35855	-1.36591	-1.16542
PFA0480w	0.29284	0.55028	0.47999	0.71866	0.77353	0.73317	0.70343	0.81236	0.77066	0.65121	0.67511	0.60345	0.49934	0.25167	0.23325	0.02634	-0.51585	-0.30468	-0.47734	-0.77218	-0.64755	-0.19607	-0.1066	0.04548
PF11 0291	0.40642	0.41643	0.57691	0.49989	0.31792	0.23373	0.23257	0.1499	-0.03134	-0.04657	0.06871	0.10261	0.09503	0.12217	0.04932	-0.08671	-0.24906	-0.35217	0.0043	-0.13648	-0.01673	0.24062	0.29971	0.3866
PF08 0092	0.97459	1.41822	1.14544	1.44781	1.30425	1.18392	0.94819	1.12312	1.19555	1.22035	0.98304	0.97466	0.29071	0.11625	-0.09254	-0.53567	-0.68126	-0.91066	-1.1822	-0.92664	-0.53726	-0.0555	0.20577	0.45348
PF13 0327	-0.19348	-0.37148	-0.5449	-0.50216	-0.57378	-0.66358	-0.77933	-0.91071	-1.20706	-0.97839	-0.58788	-0.33855	-0.1793	-0.13955	0.35382	0.51902	0.34335	0.52005	1.01384	0.64267	0.45714	0.19823	0.20954	0.00218
PF14 0354a	-0.02203	0.28947	0.52335	0.47299	0.56211	0.80476	1.05147	1.07453	1.32059	1.18693	1.09069	1.06906	0.81312	0.57629	0.1678	-0.07586	-0.11396	-0.3971	-0.51255	-0.34952	-0.25879	-0.16469	-0.13948	0.36423
PF13 0293	1.00546	1.06089	1.07862	1.35068	1.3308	1.32963	1.06989	1.10478	0.6655	0.71107	0.66598	0.53949	0.23342	-0.03333	-0.09339	-0.40419	-0.80497	-0.85919	-0.32464	-0.60109	-0.32434	0.12334	0.53724	0.79024
PFD0850c	-0.71291	-1.11335	-0.96195	-1.12372	-0.78388	-0.77562	-0.56494	-0.28587	0.03879	-0.25154	0.29736	0.37014	0.38215	0.42592	0.12336	0.28685	0.09331	0.10759	0.3306	0.2477	-0.05337	-0.6272	-0.40067	-0.67577
MAL13P1.131	-0.24336	-0.47979	-0.61328	-0.73638	-0.92611	-1.00267	-0.92825	-0.89625	-0.86493	-0.49785	-0.00072	0.28874	0.49042	0.42626	0.65155	0.83841	0.44691	0.66295	0.73356	0.42362	0.28634	-0.11076	-0.24993	-0.51126
PF11 0076	-0.28215	-0.05448	0.43928	0.34742	0.4042	0.6277	0.85198	0.77015	1.06736	1.08232	0.90621	0.89227	0.84898	0.81887	0.33079	0.00357	0.00161	-0.12362	-0.87386	-0.62319	-0.88138	-0.55559	-0.5424	-0.40418
PF08 0096	-0.41895	-0.32697	0.13466	0.21642	0.17136	0.29961	0.30187	0.39355	0.71248	0.97244	1.00604	1.05531	0.96575	0.65661	0.19477	-0.3271	-0.68909	-1.07686	-1.62742	-1.36512	-1.20932	-0.77452	-0.52383	-0.51356
PFF0945c	-0.99735	-0.41761	0.14364	0.53997	0.66728	0.77864	0.7507	0.78242	0.87381	0.89432	0.94214	0.84832	0.83586	0.70603	0.44427	0.18043	-0.03575	-0.29929	-0.49909	-0.83136	-1.06552	-1.26815	-1.43708	-1.22941
PFD1090c	-0.17439	0.31674	0.30878	0.10182	0.24101	0.10724	0.00501	-0.08965	-0.50573	-0.46384	-0.06425	-0.00794	0.23589	0.11971	0.49074	0.32906	0.08496	-0.11963	-0.06445	-0.37271	-0.58479	-0.58324	-0.5756	-0.20492
PF07 0120	-1.02823	-0.97764	-0.79045	-1.09582	-0.94495	-0.79756	-0.69231	-0.81031	-0.94299	-0.20409	-0.08715	0.17744	0.57695	0.80641	0.67632	0.50302	0.34846	0.34219	-0.39707	-0.1139	-0.11641	-0.11076	-0.39985	-0.53861
PF10 0089	0.83517	1.07877	1.01009	1.40899	1.212	1.29785	1.02828	1.0866	1.07865	0.84114	0.70204	0.44668	0.34343	0.18301	0.01616	-0.19938	-0.48415	-0.51518	-0.54014	-0.60075	-0.33861	0.0936	0.26393	0.61067
PFB0405w	0.77058	0.92458	0.882	0.9799	1.27979	1.27522	1.27226	1.24071	0.9049	0.48374	0.34259	0.11678	0.07279	0.0421	-0.24297	-0.21673	-0.09328	-0.06445	-0.16471	0.30708	0.39773	0.8484	0.88287	0.87711
PFB0732c	0.04055	0.02012	0.11312	0.17446	0.37126	0.28272	0.34151	0.50192	0.4301	0.6514	0.60423	0.75143	0.47101	0.4322	0.16572	-0.03388	-0.04043	0.14317	-0.53592	-0.04934	-0.31566	-0.36722	-0.32059	-0.28431
PF10 0046	0.16792	0.31929	0.54164	0.59504	0.57543	0.45137	0.27792	-0.05142	-0.20177	-0.04005	-0.24404	-0.09862	0.09802	0.10864	-0.03023	-0.06178	-0.21317	-0.31606	-0.41649	-0.24445	-0.01919	0.27038	0.32323	0.34964
PF14 0393	-0.99984	-0.7342	-0.53481	-0.38741	-0.28687	-0.22005	-0.09503	0.11591	0.33643	0.55304	0.70596	0.9469	0.82472	0.63813	0.58187	0.44445	-0.17295	-0.31237	-0.26113	-0.71428	-0.77165	-0.8121	-0.79655	-0.67027
PF11 0146	-0.64417	-0.79028	-0.54048	-0.79909	-0.85368	-0.5987	-0.51244	-0.87778	-0.57911	-0.29294	-0.29478	0.04929	0.26016	0.55645	0.6577	0.75115	0.80719	0.50836	0.52077	0.27116	0.04341	-0.04017	-0.37739	-0.78606
PFL0480w	1.27315	0.94618	0.26702	0.47434	0.42822	0.01227	-0.13281	-0.21947	-0.29417	-0.37473	-0.34987	-0.17139	-0.22646	-0.53947	-0.51599	-0.41733	-0.12032	0.53662	1.00671	0.7918	1.53999	1.09351	1.02562	0.86249
PF10 0193	0.43147	-0.38908	-1.01589	-1.03503	-1.50388	-1.64897	-1.65061	-1.35466	-1.07108	-1.25611	-0.98461	-1.16782	-1.52371	-1.8122	-1.67767	-0.8044	-0.23462	0.08411	1.6					

PF10 0206	-0.41705	-0.63024	-0.59854	-0.53553	-0.60903	-0.64307	-0.69824	-0.74944	-0.49982	-0.1701	0.08142	0.55682	0.62905	0.70388	0.76842	0.75675	0.81232	0.57876	0.40989	0.23739	0.13161	-0.12826	-0.14431	-0.34366
MAL8P1.3	-0.5421	-0.15967	0.39074	0.02939	0.33627	0.7063	0.99689	1.39312	1.63871	1.74778	1.60001	1.47583	0.80431	-0.20245	-0.57088	-1.01768	-1.53903	-1.89123	-1.79041	-2.09547	-1.82655	-1.49567	-1.21782	-0.73629
PF07 0068	-0.81532	-0.83667	-0.85765	-0.58779	-0.34616	0.02775	0.31734	0.40523	0.61669	0.85368	0.77192	0.92482	0.75255	0.57686	0.43319	0.33264	0.18719	0.0531	-0.07844	-0.19932	-0.42298	-0.31387	-0.28961	-0.26178
PF08 0037	-0.00216	0.22928	0.47224	0.50613	0.38365	0.50483	0.48674	0.53043	0.66972	0.71024	0.7803	0.74185	0.48016	0.21619	0.12988	-0.23898	-0.41898	-0.52551	-0.8237	-0.80187	-0.58665	-0.37905	-0.10253	0.1734
PF14 0061	-0.75647	-1.08291	-1.23739	-1.29856	-1.37484	-1.51617	-1.25591	-0.70864	-0.05108	0.31027	0.50173	0.63693	0.67815	0.57878	0.57176	0.54502	0.58548	0.2128	0.45918	0.12873	-0.38503	-0.60696	-0.77626	-0.97813
MAL13P1.103	-0.92757	-1.10243	-1.07161	-1.56024	-1.44083	-1.81505	-1.74996	-1.60826	-1.14805	-0.81265	-0.49173	-0.04585	0.26544	0.67056	0.83454	0.78704	0.66612	0.67794	-0.14967	0.0323	-0.17897	-0.50763	-0.71937	-0.82318
PF13 0309	0.62652	1.05673	0.9641	1.44708	1.4858	1.36885	1.39867	1.35652	1.16189	1.05328	0.87863	0.67152	0.35795	0.12158	0.32525	-0.63454	-0.85563	-1.06155	-1.35377	-1.08964	-0.71143	-0.33346	-0.05058	0.34815
PF14 0675	-0.63264	-0.75637	-0.81281	-0.83175	-0.86307	-0.63657	-0.59596	-0.41605	-0.25243	-0.23806	-0.22999	-0.02285	0.28281	0.61207	0.70298	0.79461	0.38181	0.63528	0.33335	0.26642	-0.01928	-0.21571	-0.47911	-0.57681
PF08 0109	-0.44041	-0.33779	-0.22501	-0.22265	-0.31856	-0.24214	-0.34365	-0.1859	-0.06042	-0.14949	0.04629	0.08523	0.2549	0.16936	0.36269	0.44962	0.36854	0.37314	0.47686	0.18729	-0.05296	-0.28446	-0.1968	-0.33514
PF14 0608	0.6529	0.57468	-0.64	0.56975	0.54428	0.61385	0.45663	0.50346	1.05168	0.69302	0.23735	0.20495	0.05256	0.00278	-0.20624	0.03062	-0.27993	-0.43794	-0.3277	-0.13334	0.10185	0.29053	0.49512	
PF14 0444	-0.19128	-0.46508	-0.43251	-0.57152	-0.59303	-0.3555	-0.33144	-0.08668	-0.06672	0.01942	0.07248	0.19154	0.12268	0.19313	0.35117	0.42852	0.36971	0.31297	0.84606	0.47208	0.37187	0.02234	0.12675	-0.27105
PFC0500w	-0.43961	-0.34466	-0.49214	-0.42142	-0.59261	-0.5687	-0.61938	-0.70986	-0.34939	-0.39336	-0.25236	0.04421	0.30211	0.36121	0.67118	0.73941	0.43591	0.60143	0.50398	0.27785	0.20954	0.04547	-0.10859	-0.14742
PF13 0205	0.23961	0.27265	-0.29684	-0.18502	-0.0556	-0.02471	0	0.03464	-0.46475	-0.41557	-0.03492	-0.04874	-0.06395	0.14472	0.63081	0.73923	0.45957	0.44159	0.56283	0.15807	0.32452	0.138	-0.31541	-0.11422
PFE1245w	-1.44629	-1.44649	-1.25147	-0.98031	-0.64326	-0.04358	1.1767	1.74704	2.04913	1.70506	1.29811	0.99385	0.34829	-0.00145	-0.48886	-0.54057	-0.84772	-0.79098	-1.07387	-0.99015	-0.86781	-0.75496	-0.72735	-0.61864
PFE0875c	0.64081	0.72641	-1.32271	1.19855	1.42488	1.37581	1.23105	1.3119	0.83474	0.52002	0.53239	0.33005	0.29263	0.13695	-0.05106	-0.10543	-0.13879	-0.10699	0.154	0.17631	0.36682	0.56034	0.87375	1.0715
PF11 0440	-0.29473	-0.1483	0.32832	0.12065	0.16844	0.12518	0.12421	-0.15259	-0.05692	-0.1033	0.04425	0.33047	0.5031	0.39857	0.64593	0.66573	0.39744	0.2965	0.55158	0.20212	0.06096	-0.11473	-0.09607	-0.13953
PDF1085w	-0.23999	-0.1558	-0.14857	-0.54787	-0.64652	-0.74752	-0.80042	-1.0421	-0.60517	-0.02049	0.22013	0.5004	0.49633	0.42975	0.65543	0.62885	0.54447	0.46241	0.6804	0.46952	0.23284	-0.22293	-0.26218	-0.15801
PF14 0696	-0.5062	-0.44491	-0.67224	-0.42997	-0.58176	-0.5822	-0.63278	-0.78519	-0.95329	-0.80703	-0.3172	0.28513	0.66965	0.5684	0.76674	0.77277	0.38914	0.40105	0.48806	-0.13089	-0.09457	-0.11061	-0.08431	-0.11797
FFF0660w	0.8204	0.18289	-0.19352	-0.34567	0.11704	-0.3259	-0.06664	-0.94595	-0.37202	-0.70349	-0.54309	-0.53428	-0.56622	-0.35586	-0.48894	-0.31579	-0.02181	0.39048	1.48413	1.24744	1.13837	1.17176	1.35282	1.39285
MAL13P1.321	0.46059	0.65871	0.78852	0.76429	0.84038	0.71237	0.65608	0.2769	-0.11804	-0.34056	-0.46347	-0.63062	-0.52274	-0.32987	0.06231	0.17405	0.09723	0.11848	0.06747	0.01816	0.16533	0.19453	0.2227	
PF10 0062	0.32659	0.34786	0.22266	0.56365	0.79465	0.64191	0.41116	0.47181	0.02894	-0.08494	0.29133	0.09372	0.17277	-0.03651	0.00922	-0.31659	0.10488	0.21577	0.15633	0.47256	0.42122	0.77746	1.01508	
PF11 0483	-0.0592	-0.13421	0.89588	0.64227	0.91193	1.40306	1.88603	1.87529	1.64326	1.41908	0.94601	0.92043	0.73412	0.51558	-0.03387	-0.18641	-0.50905	-0.46784	-0.81922	-0.65934	-0.6868	-0.48301	-0.41903	-0.12965
PFB0465c	-0.8315	-1.31892	-1.10155	-1.50143	-1.79308	-1.33047	-1.07921	-0.25227	0.01863	0.36496	0.61924	0.65917	0.71013	0.84763	0.80629	0.68136	0.4414	0.43461	0.23284	-0.11108	-0.55658	-0.73158	-0.93346	-0.99689
PF14 0346	0.34183	-0.23326	-0.50937	-0.67298	-0.70209	-0.94795	-1.08261	-1.42092	-1.88401	-2.03573	-1.93948	-1.97251	-1.80532	-1.49617	-0.87196	-0.12843	0.37782	0.40268	1.55366	1.08744	1.13053	0.82493	0.97974	0.9172
PF11 0171	-0.33084	-0.24563	0.00649	-0.00329	0.00445	0.18496	0.19759	0.30465	0.2687	-0.03022	0.08371	0.12422	0.04353	-0.14258	-0.03885	0.10809	0.25232	0.16211	0.53856	0.16758	0.09455	-0.05109	0.01884	-0.1779
PF10 0168	0.29319	-0.01404	-0.23477	0.00634	-0.14644	-0.10433	0.09957	0.25385	0.70705	0.37978	0.47967	0.27418	0.0736	-0.18782	-0.14807	-0.1203	0.33728	0.13167	0.94882	0.56118	0.73438	0.78306	0.68787	0.67097
PF14 0536	-0.20907	0.30241	0.55763	0.80179	0.88374	1.01015	1.15577	1.21625	1.31594	1.24682	1.18378	1.02402	0.68262	0.32178	0.06651	-0.1486	-0.51002	-0.50507	-0.67165	-0.57998	-0.45937	-0.2731	-0.08179	0.2281
PF14 0411	-0.26087	0.42827	0.5583	0.64813	0.54955	0.79293	0.70441	0.75791	0.62549	0.53944	0.80541	0.85861	0.64934	0.30319	0.3673	0.04638	-0.57259	-0.47937	-0.55304	-1.10831	-1.05067	-0.58995	-0.60561	-0.2828
PF13 0138	0.81348	1.18328	1.15205	1.18518	1.43056	1.2665	0.97157	0.81572	0.26487	-0.1237	-0.20265	-0.50115	-0.75762	-1.09237	-0.9689	-1.2232	-1.41706	-1.33969	-0.95127	-0.78728	-0.26951	0.10491	0.36771	0.7413
PF13 0158	0.60346	0.96924	0.9869	0.81393	0.95315	0.89317	0.73651	0.75312	0.38834	0.30564	0.55999	0.36646	0.3059	-0.09767	-0.12883	-0.26018	-0.9062	-0.50846	-0.5162	-0.77466	-0.55106	-0.07934	0.26905	0.50587
PF10 0219	0.96492	1.16258	1.15469	1.11635	1.10562	0.98266	0.93349	0.98016	0.8452	0.63922	0.54556	0.28391	-0.01584	-0.36726	-0.55619	-0.95525	-0.93076	-1.26672	-0.88841	-0.50079	-0.05311	0.30092	0.55573	0.74674
PFC0430w	0.22551	0.60016	0.73154	0.57448	0.81399	0.96793	1.06154	1.00929	0.99958	0.96554	0.85621	0.65223	0.53842	0.31574	-0.04396	-0.39624	-0.32061	-0.67001	-0.96746	-0.92855	-0.65464	-0.38602	-0.1316	0.12384
PFC0410w	1.34693	0.97619	0.75981	0.75716	0.8108	0.87751	0.45686	0.42085	0.4836	0.25551	0.33365	0.19973	0.07567	-0.23945	-0.31804	-0.55947	-0.89113	-0.35954	0.18003	0.19877	0.25556	0.49817	0.75226	1.07879
PF14 0550	0.47218	0.75092	0.76115	0.90669	0.86918	0.78076	0.83688	1.01723	1.18834	1.03816	1.00106	0.76206	0.34576	-0.10144	-0.58676	-1.09495	-1.17046	-1.616	-1.21068	-0.83427	-0.37003	0.17827	0.33512	0.43013
PF10 0355	0.83209	0.46131	0.42382	0.23935	0.01589	-0.08374	-0.10508	-0.25631	-0.13789	-0.21277	-0.24194	-0.09236	-0.16268	-0.09047	-0.10165	-0.01801	0.25207	0.15952	0.62747	0.39464	0.42974	0.36844	0.39651	0.18663
PF08 0056	0.35938	0.49538	0.53003	0.63595	0.69365	0.68582	0.01148	-0.19919	-0.41151	-0.54498	-0.52419	-0.61582	-0.74403	-0.8902	-0.85818	-0.68408	-0.87189	-0.7041	0.42107	0.47692	0.65256	0.24471	0.75881	1.02066
MAL13P1.296	0.57665	0.10217	-0.41002	-0.27889	-0.41972	-0.59057	-0.83089	-1.07775	-1.4609	-1.59735	-1.75932	-1.66635	-1.55475	-0.94146	-0.2859	0.22958	0.71052	0.60563	0.89383	1.07538	1.22834	0.85549	0.76631	0.4551
PF13 0338	-1.0969	-1.41296	-1.73432	-2.06149	-1.96084	-2.36224	-2.3521	-2.58432	-2.84532	-2.57384	-2.16363	-1.53563	-0.38332	0.32632	0.77173	1.06468	0.95379	1.03629	0.57711	0.45039	-0.12524	-0.52024	-0.98218	-1.17454
PFC0556c	-0.35129	-0.68533	-0.59498	-0.21617	-0.03945	-0.04114	-0.00239	0.16505	-0.01342	0.1761	0.49739	0.67168	0.50831	0.63337	0.45229	0.48878	0.25777	0.26782	0.0074	0.01478	-0.13337	-0.35239	-0.24819	-0.20109
PF10 0026	0.65617	0.71881	0.68497	0.77026	0.5569	0.2887	0.54016	0.62177	0.80454	0.66845	0.36762	0.43602	0.36841	0.35184	0.07425	-0.20205	-0.17956	-0.44958	-0.6476	-0.31866	0.14235	0.18052	0.56189	0.52298
PF14 0056	0.47581	0.70582	0.52743	0.71115	0.61036	0.41165	0.59532	0.58779	0.66703	0.53939	0.31426	0.30764	0.0544	-0.097	-0.48988	-0.92544	-0.8561	-0.9896	-1.29227	-0.68243	-			

PFE1610w	-0.90479	-0.71055	-0.52604	-0.76325	-0.06795	1.20452	2.09415	2.34083	2.34217	1.59414	1.61728	0.85863	0.32423	0.015	0.09676	0.02186	-0.13843	-0.19762	-0.16851	-0.77222	-1.02337	-1.15757	-1.29785	-1.16431
PF08_0046	-0.26982	-0.00825	-0.0346	0.17474	0.16826	0.12531	-0.24512	0.08677	0.51206	0.73432	0.91068	0.95515	0.79206	0.60127	0.42595	0.21744	0.0397	-0.10991	-0.10197	-0.22628	-0.27159	-0.3711	-0.09113	-0.06865
MAL8P1.63	-0.14809	-0.35491	-0.13398	-0.05951	0.20924	0.97173	1.47932	2.07523	1.89568	1.56649	1.41129	0.93458	0.46564	0.04973	-0.22122	-0.39241	-0.29998	-0.3242	0.04069	-0.17117	0.05544	0.06725	0.2162	0.3244
PF14_0559	0.49496	0.83844	0.65608	0.99556	1.14682	0.72576	0.55419	0.71303	0.39974	0.52003	0.31172	0.18498	0.20128	0.11567	0.15726	-0.08243	0.08027	-0.36552	-0.24263	-0.29969	-0.23178	0.04044	0.08429	0.24037
PFC0900w	-0.67914	-0.3771	0.10322	-0.01804	-0.01319	0.13677	0.20214	0.60379	0.75183	0.76539	1.03041	0.86316	0.89888	0.40744	0.33082	-0.11514	-0.77607	-0.67486	-0.85749	-1.2171	-1.17418	-0.86596	-0.93688	-0.71977
PFL0040c	1.48075	1.57437	1.30194	1.41733	1.25318	1.25894	1.00053	1.01369	0.93451	0.58331	0.36362	0.00417	-0.43565	-0.66864	-0.9054	-1.06052	-1.15169	-1.08251	-0.59426	-0.25103	0.47643	0.81596	1.08379	1.18749
PFL0170w	-0.09654	-0.32971	-0.38756	-0.46625	-0.38797	-0.60217	-0.64766	-0.57373	-0.70969	-0.46413	-0.23047	-0.10642	0.18438	0.5398	0.73491	-0.77103	0.40396	0.62715	0.55998	0.37815	-0.0413	-0.28922	-0.44366	-0.51756
PF0310w	-0.61158	-0.38159	0.19948	0.21411	0.07349	-0.10633	0.03752	-0.49149	-0.14938	-0.13373	0.04895	-0.65028	-0.52239	-0.51532	-0.5167	-0.5485	-0.3404	-0.17727	-0.5303	-0.05435	0.11174	0.14796	0.77619	1.07645
PF14_0642	-0.31325	-0.37548	-0.22342	-0.18496	-0.23878	0.17486	0.2159	-0.21758	-0.00147	-0.12049	0.09364	0.13269	0.23752	0.416	0.7244	0.70433	0.69613	0.41169	0.74	0.29327	0.09436	-0.40971	-0.5072	-0.50585
PF11_0486	0.04595	0.45468	0.8114	0.27902	0.45687	0.39148	0.38849	0.17224	0.59374	0.70228	0.27991	0.64938	0.525	0.538	0.37465	0.33764	0.00775	0.4113	-0.52174	0.12132	0.10761	0.37254	0.03362	0.02553
MAL7P1.79	-0.39179	-0.36067	-0.51455	-0.67652	-0.67732	-0.75822	-0.68893	-0.17722	0.19464	0.40698	0.68263	0.78554	0.67094	0.47418	0.51607	0.48702	0.34354	0.41307	0.29631	0.07268	-0.06476	-0.30445	-0.4096	-0.46428
PF13_0286	0.63454	1.09518	0.94461	1.19994	1.06189	0.97853	1.03282	1.1051	1.20316	0.97177	0.72673	0.56103	0.15813	-0.21145	-0.67624	-1.18823	-1.49068	-1.5713	-1.72561	-1.05672	-0.47504	-0.03409	0.10347	0.30467
PF0830w	-0.91221	-1.23974	-1.51819	-1.5374	-1.63036	-1.77242	-1.70455	-0.99752	-0.33158	0.12046	0.56528	0.875	0.97642	0.91757	0.94835	0.79448	0.36098	0.37582	0.27317	-0.13163	-0.35858	-0.7489	-0.94018	-1.15185
PFA0580c	-0.22269	0.26464	0.2364	0.27565	0.39769	0.64395	0.71041	0.25868	0.52331	0.50978	0.58542	0.69563	0.71439	0.57761	0.36936	0.23246	-0.0154	0.00222	-0.29493	-0.79656	-0.88541	-0.65216	-0.76539	-0.56894
PF07_0063	-0.67911	-0.58522	-0.27228	-0.61259	-0.76046	-0.62065	-0.84713	-0.47584	0.0241	0.49374	0.64719	0.68731	0.75856	0.55986	0.57062	0.41678	0.16576	0.33763	0.34906	-0.03201	-0.19399	-0.36376	-0.22929	0.04402
PFF0635w	0.43321	0.10503	-0.21812	0.06758	0.1203	0.12943	-0.05538	0.15584	-0.09793	-0.09657	0.08737	0.03796	-0.36848	-0.44716	-0.44519	-0.29876	-0.88987	-0.16421	0.79267	0.26062	0.26298	0.25799	0.39829	0.62822
MAL13P1.100	-0.2238	-0.71167	-0.41665	-0.43672	-0.19853	-0.2495	-0.35941	-0.32335	-0.39504	-0.07582	0.01648	0.22681	0.37396	0.34558	0.4389	0.61847	0.39066	0.57963	0.49118	0.36734	0.05438	-0.00625	-0.10297	0.02428
PF14_0095	-0.13356	-0.19193	-0.12369	-0.01647	-0.26966	0.05739	0.36423	0.48246	0.88416	0.94059	0.99233	1.07877	0.88896	0.82118	0.7051	0.56568	0.10429	0.25501	0.10284	-0.16076	-0.1768	-0.24648	-0.15778	-0.22388
PFL1815c	0.03128	0.26878	0.28805	0.43668	0.41183	0.12656	0.09274	0.36331	-0.04157	0.08156	0.01032	-0.0887	0.07007	0.06806	0.21927	-0.04331	0.15191	-0.20437	-0.49539	-0.22649	-0.09754	0.08229	0.02882	0.07513
PF09075c	-0.39332	0.4156	1.04438	0.68109	0.9558	0.96281	0.87595	0.80913	1.13553	1.06386	1.15101	1.40408	0.84308	0.46885	0.37653	-0.02403	-0.56755	-0.35219	-0.71464	-1.58117	-1.54052	-0.99591	-0.97621	-0.62522
PF10_0326	0.43897	0.59064	0.34161	0.63055	0.49561	0.53283	0.62128	0.56095	0.58114	0.55645	0.33204	0.50085	0.37543	0.1893	0.1708	0.06076	0.01176	-0.28233	0.08445	-0.23944	-0.23437	0.14534	0.13162	0.21617
PF14_0332	-0.61639	-0.86788	-0.72332	-1.14746	-1.20528	-1.33769	-1.32006	-0.5701	-0.45338	0.17857	0.61659	1.04621	0.95772	0.7448	0.48689	0.52974	-0.11619	0.2978	0.19511	-0.21566	-0.52419	-0.80105	-0.84672	-0.80702
PFE1410c	1.07351	0.48576	0.007	-0.15048	-0.32293	-0.83273	-1.08779	-1.27219	-1.58053	-2.23113	-2.25941	-2.098	-2.49192	-2.41808	-1.91237	-0.97409	-0.15475	0.61263	1.37689	1.37701	1.31705	1.10792	1.21859	1.05947
PF11_0338	-0.59529	-1.37669	-1.45959	-2.38266	-2.52459	-2.53155	-2.42399	-2.24567	-2.3843	-1.98733	-1.53776	-1.66633	-1.11436	-0.83936	-0.43145	0.29677	0.77074	0.91091	0.62129	0.72272	0.63725	0.06769	-0.26952	-0.93712
PF14_0632	-0.60341	-0.62106	-0.27391	-0.32231	-0.43047	-0.26477	-0.31319	-0.82324	-0.19474	-0.10254	0.04311	0.26266	0.30345	0.2828	0.54792	0.52618	0.45653	0.34594	0.25493	-0.15863	-0.40664	-0.36147	-0.56323	-0.81609
PF07_0110	-0.89341	-0.80677	-0.53952	-0.41442	-0.21766	0.20687	0.55926	0.7825	0.97998	1.04275	1.09611	1.03064	1.02226	0.71026	0.53244	0.29645	0.00814	-0.08161	-0.31673	-0.55155	-0.68675	-0.75275	-0.81776	-0.69036
PF11_0088	-0.43659	0.13463	0.12649	-0.04852	0.03334	0.25184	0.17821	0.45807	0.61991	0.4796	0.62666	0.4156	0.50337	0.11541	0.29725	0.0058	0.03637	-0.49152	-0.44497	-0.84174	-0.88876	-0.6851	-0.64621	-0.3012
PF11_0416	0.31587	0.56742	0.60725	0.36571	0.33996	0.44806	0.53649	0.13047	0.20918	0.2942	0.36241	0.4465	0.42118	0.31896	0.27032	0.25915	0.64519	0.39164	0.1437	0.44162	0.49529	0.47835	0.53798	0.58404
PF13_0050	-0.63222	-0.64206	-0.33466	-0.39322	-0.40761	-0.36336	-0.32089	-0.41043	-0.14223	0.01318	-0.0237	0.07542	0.26761	0.35347	0.42452	0.46731	0.6112	0.45096	-0.00732	0.20739	0.19772	0.04051	-0.09497	-0.11431
PF13_0122	0.31673	1.05937	0.91615	1.30263	1.16073	1.30796	1.17743	1.18857	0.95522	0.52088	0.501	0.49848	0.39594	0.24379	0.42779	0.34675	-0.15656	0.13993	0.01316	-0.36084	-0.52874	-0.17163	-0.1137	0.11596
PFB0106c	1.61782	1.85069	1.90476	2.14392	2.10768	1.85821	1.40876	0.78976	-0.05169	-0.95898	-1.66352	-2.26805	-2.63197	-2.98554	-2.81264	-3.50502	-2.90168	-2.89989	-2.01263	-0.90923	-0.03604	0.70546	1.00624	1.40243
PFI0930c	-0.19093	0.17986	0.08424	-0.01927	-0.03829	-0.04717	-0.49607	-0.49937	-0.52885	-0.24193	-0.24691	0.3564	0.14186	0.32457	0.43979	0.24962	-0.26255	-0.26583	-0.91265	-1.14415	-1.10347	-0.9386	-0.90385	-0.82011
PF11_0437	-0.24562	0.58524	0.57225	0.61437	0.53222	0.81311	0.73907	1.02556	0.78147	0.85325	0.97599	1.01397	0.54345	0.2517	0.34383	-0.07107	-0.19083	-0.76843	-0.93811	-1.25692	-1.22992	-0.82824	-0.75535	-0.61211
PF14_0130	-0.66027	-0.59092	-0.38716	-0.65991	-0.61685	-0.42318	-0.63406	-0.78578	-0.96579	-0.79413	-0.48667	-0.7637	-0.63885	-0.6526	-0.68692	-0.49172	-1.51579	-0.83374	-0.79833	-0.75375	-0.87363	-0.69894	-0.58492	-0.45962
MAL13P1.215	-0.8181	-1.49503	-1.36026	-1.79434	-2.28399	-2.51066	-2.83175	-2.83707	-2.85218	-2.47855	-2.01804	-1.37399	-0.7697	-0.61185	0.21892	0.71745	1.1319	0.8146	1.12774	0.55153	0.24899	-0.20895	-0.16181	-0.7445
PF14_0221	0.67861	0.7961	1.08188	1.22404	1.03631	1.10263	1.00281	1.0651	1.06684	0.86997	0.82607	0.80987	0.43115	0.24736	-0.14832	-0.14001	-0.58465	-0.63112	-0.19724	-0.38429	-0.08325	0.26	0.53734	0.37421
PF13_0261	0.93142	1.25349	1.16948	1.40483	1.33274	1.38729	1.36649	1.23408	1.06194	1.01108	0.80596	0.67444	0.44203	0.22254	0.07331	-0.11858	-0.57614	-0.51669	-0.29144	-0.30507	-0.08279	0.13364	0.38619	0.65747
PF11_0135	0.64726	0.73818	0.33329	0.27404	0.43464	0.06393	0.04138	-0.17772	-0.30519	-0.44989	-0.52354	-0.64171	-0.63378	-0.49685	-0.28578	0.07208	0.59741	0.68432	0.66789	0.77914	1.07215	0.63461	0.40033	0.24665
PFL2315c	-0.39702	-0.48721	-0.6473	-0.57353	-0.73335	-0.65212	-0.70879	-0.51752	-0.27302	-0.14357	0.18003	0.32296	0.53053	0.51001	0.75653	0.73604	0.58712	0.49639	0.83744	0.25701	-0.07649	-0.26453	-0.31111	-0.26847
PF14_0247	0.80162	0.79582	1.04461	1.01458	0.90833	0.81405	0.67137	0.5744	0.61341	0.64684	0.4767	0.45714	0.37792	0.38672	-0.04939	-0.3645	-0.43633	-0.55319	-0.78765	-0.49299	-0.11508	0.04494	0.39987	0.58451
PFE1375c	-0.01435	-0.23915	-0.39177	-0.34231	-0.51886	-0.3297	-0.37735	-0.41443	-0.21351	-0.13938	0.01306	0.37449	0.14473	0.22906	0.19539	0.51508	0.04209	0.60586						

PF08 0060	-1.45217	-1.75657	-1.51825	-1.48945	-1.31109	-0.41821	0.91086	1.14537	1.43054	1.34195	0.96693	0.84206	0.54625	0.48341	0.09741	0.01765	0.12673	-0.2103	-0.56311	-0.45918	-0.64656	-0.514	-0.58039	-0.74064
PF10 0171	0.35133	0.67082	0.50296	0.67582	0.52237	0.39248	0.45564	0.55911	0.55945	0.45397	0.38106	0.46808	0.4928	0.57079	0.19918	-0.14424	-0.22125	-0.22115	-1.1531	-0.6099	-0.46873	-0.04663	0.01649	0.21226
PFE0127c	-0.42906	-0.29719	-0.16003	-0.51109	-0.32684	-0.28785	-0.09296	0.01546	0.16644	0.57422	0.69365	0.90135	0.82907	0.73898	0.30007	0.02644	-0.01113	-0.00209	-0.70884	-0.46467	-0.45284	-0.26633	-0.36957	-0.30376
PFD0207c	-0.43519	-0.02978	0.31805	0.30671	0.25897	0.54743	0.40283	0.18959	0.36655	0.19623	0.17377	0.12934	0.3213	0.31288	0.30081	0.12745	0.04894	0.04396	-0.60911	-0.62353	-0.80453	-0.51399	-0.49471	-0.52761
MAL13P1.23	0.76178	-0.0432	-1.07536	-0.39355	-0.44052	-0.63531	-0.71036	-0.9164	-0.95363	-0.97085	-1.01975	-1.10842	-1.37042	-1.42348	-1.46801	-0.89611	-0.14166	-0.00859	1.65417	1.10356	1.09101	0.86634	1.31505	1.16893
PF10 0070	-1.12356	-0.96986	-0.40029	-0.86147	-0.44322	0.01486	0.35262	0.32071	0.33814	0.19133	0.48802	0.39564	0.63131	0.40137	0.63921	0.48986	0.18089	0.04226	-0.08535	-0.51152	-0.8857	-0.72597	-0.93678	-0.79161
PF11 0094	1.17538	0.91413	0.3522	0.43249	0.25254	0.0244	-0.21715	-0.33645	-0.9555	-1.12039	-1.13364	-1.17279	-1.502	-1.43318	-1.50933	-0.48849	0.39698	0.73766	1.57751	1.47734	1.52787	1.46577	1.44885	1.09603
PF1155w	-0.47377	-0.79275	-0.51114	-0.75335	-0.86233	-0.69687	-0.70646	-0.7773	-0.97168	-1.0109	-0.60132	-0.23433	-0.0276	0.16943	0.39642	0.71467	0.79666	0.21893	0.62293	0.46119	0.20901	-0.31143	-0.17434	-0.81138
PF10 0296	0.61505	0.63687	0.0292	0.2033	0.48041	-0.34004	-0.50985	-0.08535	-0.71335	-0.84293	-0.8649	-1.01093	-1.80944	-1.64271	-1.94242	-1.63052	-1.61488	-0.148	-0.05518	0.64995	0.77647	0.53456	0.84339	0.88026
PF10 0275	0.2638	0.42705	0.81046	0.73551	0.73257	0.90274	0.98685	1.06619	1.12776	1.01028	1.00596	0.77364	0.59369	0.325	0.24587	-0.32984	-0.28268	-0.11426	-0.29021	-0.27132	-0.1854	-0.1935	0.08282	
PFE0715w	-0.99524	-0.99306	-0.95887	-1.12631	-0.79534	-0.63101	-0.24803	0.22616	0.55267	0.8085	0.66493	0.78536	0.78945	0.83136	0.61125	0.40404	0.08074	0.28109	-0.37213	-0.16609	-0.19549	-0.44956	-0.48424	-0.64872
PFA0305c	0.31015	0.03225	0.13342	-0.38694	-0.63959	-0.77866	-0.872	-1.11509	-1.32339	-1.33038	-1.11554	-0.92893	-0.7121	-0.32603	0.45605	0.98507	0.9909	1.08623	1.19712	0.93696	0.86145	0.36317	0.12184	-0.18002
MAL13P1.211	0.76298	0.8281	1.11444	0.90041	0.89228	0.72697	0.18233	0.57817	0.14543	0.1474	0.35238	-0.06577	-0.13994	-0.2576	-0.32721	-0.40224	-0.50638	-0.13618	0.97039	0.48094	0.76799	0.52139	1.14106	1.52347
PF13 0257	0.07532	0.55409	0.39401	0.45034	0.39349	0.23856	0.15446	0.18189	-0.00551	0.10829	0.2903	0.30721	0.29585	1.0814	0.03361	-0.40493	-0.54405	-0.92191	-1.43546	-1.34055	-0.93126	-0.61332	-0.5505	-0.3514
PF11 0424	-0.25165	-0.31251	-0.31532	-0.3424	-0.54863	-0.65003	-0.61764	-0.79463	-0.81344	-0.47761	-0.35923	-0.24086	-0.09747	0.25223	0.43457	0.36639	0.35881	0.19288	-0.03408	0.13376	0.14736	-0.08684	-0.15616	-0.13755
PFL1995c	-0.89332	-1.0003	-0.66245	-0.53365	-0.15235	0.24291	0.5268	0.95894	1.21709	1.27325	1.25851	1.22613	0.87486	0.67257	0.26168	0.15866	-0.25458	0.08728	-0.57909	-0.35856	-0.47787	-0.77034	-0.57794	-0.53279
MAL13P1.63	-0.49041	-0.40066	-0.19887	-0.46062	-0.35635	-0.32975	-0.0116	0.01609	-0.03352	0.03533	-0.15391	-0.12764	-0.04911	-0.04634	-0.04737	-0.23009	0.02799	0.03079	-0.5317	0.00986	-0.08758	-0.0813	-0.01123	-0.15593
PFL1505c	0.91192	0.26874	0.01144	0.01631	0.16767	-0.2887	-0.48794	-0.72248	-1.16649	-1.45038	-1.42499	-1.56473	-1.67065	-1.68097	-1.44927	-1.4063	-0.96871	-0.33191	1.51261	0.9903	1.24342	1.03835	1.37242	1.7946
PFC0255c	-0.50885	-0.33066	-0.09974	-0.24996	-0.22075	-0.12306	-0.04931	0.03097	-0.14661	-0.35245	-0.14877	-0.20565	-0.31364	-0.2427	0.02576	0.18413	-0.05417	-0.06008	0.29639	-0.22637	-0.36717	-0.62602	-0.45891	-0.28129
PFL0145c	-0.28548	0.12506	-0.16064	-0.10993	-0.10896	-0.30536	-0.40929	-0.69427	-1.16533	-0.91872	-0.86719	-0.90083	-0.56709	-0.53458	0.2034	0.0407	-0.06886	-0.35768	-0.25229	-0.02892	-0.17343	-0.37452	-0.1292	-0.08451
PFL1200w	0.76912	0.80465	0.71959	0.76827	0.57856	0.56502	0.40373	0.38473	0.32811	0.30489	0.2402	0.25946	0.2336	0.02041	-0.2117	-0.28016	-0.10947	-0.12858	0.15522	0.13876	0.34702	0.49943	0.47599	
PFL0320w	0.99312	0.59224	-0.51476	-0.00327	-0.46891	-0.82096	-1.12459	-1.38539	-1.4689	-1.49337	-1.45138	-1.2055	-1.23507	-1.198	-0.96894	-0.29876	0.17485	0.85836	1.70254	1.54783	1.26724	0.10106	1.44211	0.88948
PFD1065c	0.4936	0.73898	0.7206	0.90143	0.98718	1.05528	0.88155	0.84262	0.71962	0.49712	0.65478	0.61346	0.50482	0.33404	0.46419	0.36698	0.05636	0.16786	0.33028	-0.03527	-0.15668	-0.09293	0.12325	0.31025
PF10 0123	0.39398	0.7854	0.57709	0.82807	0.82105	0.89624	0.69152	0.73979	0.75475	0.8618	0.95929	0.94279	0.72931	0.2056	-0.07088	-0.56238	-0.87173	-1.04917	-1.40133	-1.59541	-1.16604	-0.5581	-0.42334	-0.16508
PF14 0355	0.01016	-0.09766	-0.15874	-0.00983	-0.07434	-0.11605	-0.09315	-0.17205	-0.67754	-0.93026	-0.42711	-0.27053	-0.38585	-0.00737	0.34141	0.67158	0.33539	0.27333	0.3893	0.07109	-0.18939	-0.2857	-0.25341	-0.18244
PF10 0030	-0.40215	-0.79478	-0.73598	-0.9433	-0.61793	-0.62401	-0.30047	0.01786	0.22973	0.49519	0.58406	0.70646	0.74344	0.76176	0.65825	0.38892	0.35117	0.29992	0.08229	-0.02155	-0.39011	-0.68266	-0.49856	-0.12629
PF10 0052	-0.63489	-0.69876	-2.85269	-0.37862	-0.41909	-0.61897	-0.36799	-0.15396	-0.00157	0.1803	0.67474	0.68256	0.73586	0.41722	0.80751	0.76722	0.50496	0.14824	0.45933	-0.27227	-0.07407	-0.11729	-0.17586	-0.14553
PF10 0072	0.92264	0.37968	0.08264	0.15786	-0.05176	-0.37902	-0.67739	-0.99022	-1.62756	-1.89403	-1.82294	-1.98896	-2.02481	-1.99901	-1.48046	-0.64099	0.40836	0.43326	1.86888	1.47044	1.45885	1.02049	1.30144	1.21472
MAL8P1.34	-1.08809	-0.93547	-1.19952	-1.02303	-1.06552	-1.04506	-0.74145	-0.31603	0.13882	0.37937	0.67437	0.64491	0.89305	0.85486	0.6411	0.35131	0.04244	-0.07055	-0.30075	-0.73151	-0.75619	-0.96863	-0.97717	-0.87939
PFD1075w	-0.32646	-0.55403	-0.77716	-1.10567	-1.20425	-1.19156	-1.19265	-1.17063	-0.73687	-0.43656	-0.081	0.1459	0.10453	0.45017	0.63934	0.79981	0.60983	0.55057	0.93303	0.45138	0.09666	-0.17625	-0.39364	-0.72874
PF14 0432	0.37641	0.45996	0.68462	0.88666	1.00231	1.5486	1.84489	1.64783	1.50053	0.75458	0.59915	0.20419	-0.44771	-0.83346	-0.87214	-0.88041	-1.00784	-1.03279	0.59739	0.08602	0.21508	0.13838	0.58289	0.62598
PFL2470c	-0.07212	0.28363	0.2613	0.73413	0.80229	1.00913	0.87958	0.94461	0.64876	0.64773	0.674	0.55257	0.46701	0.30309	0.0912	0.03257	-0.2256	-0.23036	-0.20026	-0.39876	-0.60392	-0.24711	-0.10552	0.12163
PFE0365c	0.89123	0.60053	0.3461	-0.39526	-0.6992	-0.69044	-1.21878	-1.57133	-1.76244	-2.88425	-2.23433	-2.57125	-2.81583	-2.56343	-1.8312	-1.4566	-1.391	-0.83265	1.7072	1.09214	1.11178	1.11762	1.19049	2.27696
PFB0340c	-1.58998	-1.59953	-2.42059	-3.51699	-3.98333	-4.31973	-4.46647	-4.91819	-5.48673	-5.73155	-5.67831	-4.77081	-2.39549	-0.5695	0.5928	1.08837	0.93934	1.17799	0.3119	0.66279	0.07814	-0.40612	-1.60929	-2.47257
PFC10_API0007:t																								
RNA	-0.09367	0.4506	-1.21714	-1.14579	-1.91668	-1.14044	-1.60879	-0.90918	-2.36742	-1.93682	-1.37323	-1.14942	-1.49736	-1.17611	-0.28472	0.30157	-0.4072	0.88943	1.02731	0.4539	0.99328	1.27276	1.07618	0.77638
PF14 0151	0.21621	-0.21836	-0.67602	-0.48879	-0.62307	-0.46531	0.11	0.51488	0.39885	0.35352	0.55143	0.16015	-0.16831	-0.31552	-0.27118	0.03759	0.17925	0.48322	1.13606	0.81811	0.60458	0.38318	0.52023	0.31443
PF1725w	1.28183	1.53024	1.37336	0.93077	0.71197	0.50024	0.336	0.50261	0.55975	0.21406	-0.61952	-0.8977	-1.67176	-2.04489	-2.34599	-2.48872	-1.65455	-1.01316	0.48593	0.55748	0.83105	1.13168	1.19316	1.12749
PF13 0209	0.45748	0.84138	0.9865	0.95338	0.89215	0.8472	0.62173	0.48744	0.30714	0.2687	0.29445	0.49487	0.39475	0.25744	0.03815	-0.13565	-0.44587	-0.35087	-0.6983	-0.85171	-0.59356	-0.26602	-0.18401	0.13072
PFL2535w	-0.81938	-0.393	-0.12679	-0.23121	-0.21545	-0.00413	-0.02966	-0.25264	0.06005	0.38926	0.54589	0.76864	0.55323	0.30233	0.42737	-0.27613	-0.05711	0.10754	-0.02895	-0.22748	-0.75767	-0.64794	-0.55908	-0.55232
PF10 0200	0.79345	0.8394	0.81687	0.98607	0.8087	0.7971	0.86398	0.86214	1.04174	0.95314	0.90694	0.64784	0.47336	0.10375	-0.32332	-0.73672	-0.74638	-0.97095	-1.04736	-0.723	-0.26537	-0.03623	0.22491	0.60974
PFE1500c	0.69267	0.69699	0.48741	0.61323	0.28272	0.15873	-0.0801	-0.26275	-0.30231	-0.1846	0.1243	0.74314	0.67522	0										

PFB0920w	1.1032	1.3012	1.31023	1.54977	1.54118	1.44468	1.30889	1.36631	1.12404	0.61761	0.27085	-0.14783	-0.49446	-0.73034	-0.64141	-0.7454	-0.72477	-0.7271	-0.60925	-0.32048	0.15199	0.59081	0.93874	0.93863
MAL13P1.335	-0.26772	-0.30742	0.05278	0.08471	0.4827	0.76392	1.04691	1.35828	1.17312	1.10775	0.95878	0.60341	0.46646	0.26732	0.03519	0.15405	-0.25492	-0.25846	0.25912	-0.05387	-0.25187	-0.04355	-0.11815	0.05866
PF11 0224	-0.22513	0.02661	-0.23722	0.24953	0.50839	0.11657	0.17616	0.0668	1.07001	0.90633	0.62766	0.80609	0.4024	0.12647	-0.29656	-0.74264	-0.75315	-1.03548	-0.76241	-0.35969	-0.21942	-0.52516	0.46515	0.6651
PF11780w	-2.68347	-2.18957	-1.28957	-0.55863	0.41007	1.61151	2.5074	2.60585	1.97473	1.37329	0.75834	0.49764	-0.08482	-0.59052	-0.95456	-1.365	-1.67382	-2.21272	-2.34979	-2.85009	-2.94775	-2.60473	-2.55592	-1.80247
PF11045w	0.22053	0.21044	0.5227	0.60429	0.57669	1.03262	1.12173	0.86569	0.9877	0.90044	0.93197	0.89158	0.70072	0.51881	0.49173	0.30336	0.06949	-0.00038	0.16847	-0.32453	-0.2796	-0.16735	-0.21536	0.0383
PF10 0051	-0.63304	-0.82907	-0.28024	-0.12408	0.43522	0.82261	1.05329	1.06984	0.92436	0.6797	0.70662	0.69403	0.69289	0.55641	0.55642	0.30999	0.3439	0.20494	-0.00223	-0.36083	-0.76785	-0.90936	-0.92962	
PF14 0046	0.58604	0.27457	-0.02263	0.11133	0.11817	-0.03781	-0.12171	-0.07755	-0.28946	-0.19344	-0.22372	-0.15923	-0.19557	-0.27999	-0.11228	-0.25801	-0.46925	-0.39564	0.28006	0.11569	0.09449	0.37897	0.63911	0.94804
PF11 0427	-0.82612	-0.61404	-0.73145	-0.96542	-0.76822	-0.44959	-0.20306	-0.15749	0.30728	0.17287	0.4482	0.53197	0.69579	0.73462	0.8809	0.73373	0.37387	0.48084	0.31856	0.07961	-0.42373	-0.8416	-0.9573	-0.95734
PFL2200w	-0.00663	0.08711	-0.06017	0.0912	0.2028	0.25106	0.18084	0.32008	0.12041	0.20397	0.56978	0.61078	0.53721	0.46402	0.48731	0.4147	-0.1192	0.32983	-0.14151	-0.32257	-0.48053	-0.37622	-0.28914	-0.11273
PF11465w	-0.36598	-0.01329	-0.90093	0.19066	0.17134	0.24116	0.11013	0.31313	-0.01036	0.01853	0.1157	0.30689	0.22725	-0.60197	0.36454	0.22815	-0.50795	0.11745	0.2193	0.31953	0.57368	0.53803	1.10043	1.10742
PF1015w	0.50003	-0.252	-0.33499	-0.52234	-0.75823	-0.88014	-1.14258	-1.09175	-1.18712	-1.46789	-1.50776	-1.50469	-1.60893	-1.61966	-1.44891	-0.94666	-0.24976	0.01399	1.39228	1.05682	1.04139	0.94041	1.24418	1.00844
PF07 0127	1.37499	0.83975	-0.05458	0.19813	0.36266	-0.26386	-0.59107	-0.75041	-0.9729	-0.82038	-0.70813	-0.71598	-0.82867	-0.67901	-0.85221	-0.59773	-0.40048	0.02257	2.24399	1.50327	1.58981	1.14355	1.5452	2.07748
PF11405c	-0.73229	-0.55596	-0.43944	-0.51405	-0.41061	0.50807	1.168	1.7781	1.95389	1.62491	1.4787	1.16547	0.65096	0.34815	0.18499	0.02222	-0.14072	-0.41771	-0.17252	-0.39841	-0.19545	-0.26502	-0.05748	-0.11888
PFL0275w	0.86321	0.51179	0.44329	0.37394	0.45399	0.01049	-0.40252	-0.89573	-1.28933	-1.49276	-1.59168	-1.59377	-1.32658	-0.87232	-0.65645	-0.4912	-0.485	-0.31072	-0.08914	0.91745	0.9825	0.67057	0.94729	1.12312
PFF1160w	-0.26818	-0.51929	-0.94079	-0.17931	-0.59938	-0.53753	-0.81454	-0.95381	-0.5614	0.2143	0.54825	0.78369	0.60648	0.58556	0.6119	0.65866	0.46951	0.34501	0.7616	0.26698	0.03473	-0.03683	-0.01711	-0.25494
PFL2390c	-0.03178	-0.1684	0.0921	-0.31647	-0.40185	-0.36106	-0.27083	-0.35598	-0.02332	0.10216	-0.07377	0.06925	0.11851	0.17157	-0.02957	-0.17681	-0.01772	-0.09848	-0.3195	-0.0495	-0.03118	0.20166	0.10828	-0.01423
PF10 0310	-0.55797	-0.29185	-0.0823	-0.2664	-0.04996	0.06609	0.12127	0.32345	0.41161	0.40613	0.36775	0.25903	0.37631	0.50641	0.446	0.33408	0.04605	0.31648	-0.24518	-0.02919	-0.15834	-0.40852	-0.52337	-0.49114
PF00705c	-0.71969	-0.74574	-0.94771	-1.11635	-1.00488	-1.11475	-1.09473	-0.98983	-0.92443	-0.58663	-0.29715	0.00908	0.33343	0.73044	0.62766	0.69468	0.52701	0.65971	-0.1168	0.2065	0.0558	-0.17366	-0.45948	-0.64882
PFC0890w	-0.26071	0.03876	0.0296	0.55654	0.5576	0.54594	0.39087	0.5724	0.08899	0.1192	0.07806	0.11679	0.28584	0.24408	0.54753	0.63803	0.4164	0.17087	0.84504	0.20633	-0.02611	-0.04168	0.00421	-0.0707
PFL1015c	0.8441	1.52173	1.03943	1.33564	1.23059	1.39191	1.05962	1.0486	0.84313	0.56686	0.56939	0.44164	0.37755	0.12734	0.14583	0.0027	-0.13402	-0.1426	-0.22961	-0.44506	-0.2843	-0.0347	0.09429	0.24403
PF14 0495	-0.00974	-0.62387	-0.64346	-1.58695	-1.86718	-2.06174	-2.66714	-3.06103	-3.41168	-3.8338	-3.9378	-4.4674	-4.19578	-3.21116	-1.49376	0.11465	1.04514	1.07658	1.29354	1.23371	1.02949	0.80774	0.40984	-0.22241
PFB0585w	-0.26553	-0.76895	-0.61061	-0.93329	-1.02386	-1.29511	-1.35512	-1.62815	-1.68233	-1.35476	-1.0412	-0.66219	-0.33056	-0.29177	0.2717	0.53666	0.6471	0.56718	1.02414	0.7294	0.45238	0.05407	0.26369	0.08748
PFF0160c	-0.40914	0.03075	0.08842	0.53817	0.5345	0.96986	1.17535	1.46352	1.62493	1.63082	1.61326	1.36893	1.053	0.58607	0.32896	0.06341	-0.34098	-0.32375	-0.5447	-0.96314	-1.13515	-1.03291	-1	-0.79174
PF11 0249	-0.43271	-0.82635	-0.91833	-1.23198	-1.22042	-1.3136	-1.1834	-0.97908	-0.57387	-0.46653	-0.13648	-0.04851	0.28513	0.60195	0.64819	0.58781	0.51713	0.67778	0.11133	0.42745	0.1218	-0.26248	-0.30868	-0.74787
PFL0665c	0.10607	0.50498	0.58402	0.54638	0.62074	0.83306	0.73138	1.05855	0.87447	0.71641	0.90135	0.83798	0.53713	-0.17985	-0.17985	-0.62672	-0.80202	-1.2308	-1.15794	-1.48704	-1.22964	-0.72943	-0.43792	0.14627
PF14 0426	0.72933	0.37213	-0.15273	0.20776	0.37264	0.467	0.90297	1.36187	1.41533	1.27439	1.58902	1.39626	0.84137	0.36032	0.28878	0.00285	-0.60475	-0.30621	0.06724	-0.04872	0.20202	0.09576	0.1286	0.10474
PFL0220c	0.39061	0.76775	0.76425	1.02278	0.96068	1.03263	0.87852	1.42434	0.71336	0.39377	0.52126	0.32211	0.21416	0.05864	-0.03773	-0.07151	-0.12212	-0.15029	0.20807	0.24316	0.47041	0.51683	0.61661	0.745
PF11600w	0.41288	0.66443	0.55915	0.79036	0.66131	0.559	0.43477	0.42572	0.2044	-0.11923	-0.10514	-0.16063	-0.21159	-0.2664	-0.24159	-0.34717	-0.41825	-0.57393	-0.14726	-0.1071	0.18276	0.19698	0.34435	0.54024
PF1245c	-0.0151	-0.15447	-0.25104	0.01729	-0.0701	0.18663	0.2523	0.60684	0.79268	0.76455	0.87978	0.70272	0.58596	0.47296	0.41689	0.37351	-0.00729	0.12297	0.24595	-0.14037	-0.07503	0.09619	0.10727	0.2522
PFL0185c	-0.08341	0.05736	0.05232	0.06683	-0.06056	-0.38832	-0.67517	-0.60686	-0.66336	-0.34977	-0.21885	-0.00056	0.10794	0.24973	0.14432	0.09515	-0.38332	-0.41236	-0.67745	-0.90372	-0.62596	-0.58932	-0.30914	-0.13556
PFC0425w	0.8462	0.60492	0.51422	0.23018	-0.0282	-0.01268	0.15622	-0.09696	0.54438	0.45667	0.24819	0.25631	0.2796	0.27758	-0.28536	-0.62862	-0.74369	-0.75162	-1.04	0.10668	0.29028	0.35892	0.54537	0.66291
PF11 0356	0.04124	0.03117	0.0947	0.39485	0.72877	0.60013	0.8333	0.6406	0.30151	0.10687	0.07804	0.06339	0.04056	0.17064	0.18471	0.16555	0.28199	0.0782	-0.29431	-0.04392	-0.00383	-0.3551	-0.36532	-0.09198
PFL1800w	0.75893	0.77782	0.72783	0.84926	0.8155	0.70343	0.83133	0.8479	1.08245	1.06265	0.90412	0.66777	0.38069	0.07696	-0.04509	-0.8426	-0.91487	-1.0911	-0.48494	-1.17849	0.18138	0.35002	0.50622	0.75716
MAL13P1.290	-0.69936	-0.53731	-0.37574	-0.41671	-0.37909	-0.28215	-0.30194	-0.22761	-0.1018	0.02474	0.22037	0.45926	0.616	0.47513	0.50325	0.43004	0.06438	0.01876	-0.24395	-0.32416	-0.46635	-0.5465	-0.34141	-0.31945
PFF0585c	-0.50685	-0.54208	-0.46793	-0.68878	-0.60339	-0.8249	-0.97284	-0.86294	-0.74023	-0.63802	-0.37089	-0.02703	0.05229	0.07242	0.32484	0.50489	0.5519	0.71954	0.59775	0.31498	0.10528	-0.31505	-0.24659	-0.38044
PF11065c	-0.63215	-0.67259	-0.33219	-0.9042	-0.97896	-0.92033	-0.74388	0.81134	0.20417	0.53173	0.65758	0.66936	0.74579	0.63265	0.8689	0.72909	0.66189	0.60595	0.36486	0.25576	-0.18778	-0.44254	-0.74725	-0.86143
PF10 0312	0.29715	-0.28194	-0.48781	-0.73519	-0.77927	-1.09905	-1.28554	-1.50656	-1.57256	-1.18529	-1.24447	-0.73669	-0.54247	-0.20608	0.32038	0.58046	0.68641	0.61779	1.47151	0.89664	0.77228	0.18227	0.29902	0.28878
PF07 0117	-0.41641	0.01753	-0.21928	-0.19517	-0.04289	-0.07117	-0.04542	0.14614	0.13588	0.17765	0.43946	0.60309	0.67602	0.41957	0.38147	0.23619	-0.17069	-0.18932	-0.62878	-0.95843	-0.93163	-0.773	-0.68477	-0.67213
PF14 0658	-0.7782	-0.52236	-0.36185	-0.84404	-0.47969	0.06843	0.15756	0.33686	0.22829	0.05849	0.15765	0.19367	0.32924	0.29132	0.53902	0.69904	0.3338	0.46914	0.43675	0.27168	-0.24525	-0.55236	-0.52713	-0.61172
PF10 0291	-0.45194	-0.78287	-0.89051	-0.94655	-1.04734	-0.85022	-0.83562	-0.59276	-0.33703	-0.05313	0.26251	0.57421	0.47104	0.52605	0.56807	0.69042	0.31866	0.48066	0.59583	0.19469	0.09175	-0.18272	-0.23432	-0.43285
PF14 0023	-0.20158	0.39532	1.03892	0.69929	0.56298	1.19508	1.11548	0.76943	1.29408	1.32403	0.91904	1.02507	0.7283	0.58934	0.29389	0.13969	0.18736	-0.34892	-0.32852	-0.48471	-0.51152	-0.32477	-0.385	

PF10_0214	-0.79267	-0.73074	-0.31346	-0.13097	0.11583	0.20538	0.36926	0.31096	0.80349	0.98482	0.89732	1.19514	0.86428	0.79346	0.22272	-0.05492	-0.11968	-0.58883	-1.00489	-0.81704	-0.92463	-0.70562	-0.74544	-0.6052
PFE1445c	0.49936	0.37701	0.24593	0.28528	0.08696	0.0553	-0.00609	0.01659	-0.13334	-0.09404	-0.00372	-0.01782	-0.15792	-0.23555	-0.25604	-0.30051	-0.39121	-0.60405	0.4717	0.2037	0.18154	0.20106	0.33793	0.39536
PF11_0448	-0.29298	-0.29841	-0.36298	-0.40026	-0.30519	-0.48893	-0.4941	-0.50814	-0.60747	-0.28456	-0.03086	0.35681	0.38251	0.53846	0.51307	0.45894	0.41114	0.49682	-0.12681	0.15993	-0.06412	0.0169	-0.05338	-0.09109
PF11_0086	0.40047	0.22645	0.37422	0.32581	0.29807	0.16839	0.16571	-0.00158	0.21976	0.38849	0.11799	0.18763	0.14084	0.32968	-0.21841	-0.30681	-0.2992	-0.37293	-1.27105	-0.46873	-0.14044	-0.08007	0.04787	0.13448
PF13_0246	0.21847	0.15926	-0.08415	-0.06799	-0.1041	-0.3313	-0.1541	-0.23038	-0.304	-0.26139	-0.0489	-0.06843	0.09862	0.01576	0.41936	0.55642	0.39311	0.66051	0.7378	0.5035	0.36772	-0.08817	0.01878	-0.08537
PFL1210w	-1.02557	-0.90079	-0.64485	-0.86701	-0.40977	0.3432	0.89359	0.90307	1.29223	1.2277	1.16071	1.09003	0.90367	0.81874	0.42068	0.08584	0.00101	-0.07617	-0.87686	-0.57256	-0.83913	-0.66596	-0.84169	-0.85141
PFB0595w	-1.02971	-0.51858	-0.37138	-0.52849	-0.33497	-0.15439	0.1163	0.59157	0.71715	0.72745	0.83649	0.79736	0.74713	0.40068	0.19189	-0.06168	-0.88681	-0.6621	-0.79071	-1.23835	-1.2049	-0.95195	-0.97579	-0.72784
PFI0260c	0.76477	1.00904	0.74911	0.69254	0.57431	0.61924	0.77041	0.27064	0.29317	0.1747	0.02521	-0.0484	-0.10824	-0.05325	-0.24384	-0.15275	0.31172	0.1694	0.33138	0.41922	0.49979	0.64966	0.60275	0.53171
PF10_0220	0.71326	-0.25043	-0.80279	-0.22474	-0.55089	-0.68294	-1.10996	-1.30823	-1.69384	-1.79486	-1.81942	-1.80914	-2.03268	-2.09905	-1.30727	-0.48116	0.22375	0.24243	2.07604	1.40688	1.26311	0.56388	1.12644	1.20732
PFL0475w	0.84064	-0.15063	-0.71322	-0.39486	-0.23893	-0.72626	-0.99306	-1.21996	-1.2735	-1.12051	-1.02928	-0.81485	-0.74217	-0.55667	-0.27345	0.05438	0.68517	0.51105	1.52505	1.25369	1.3081	0.94405	1.15121	1.00378
PFD0385w	-0.10642	-0.64361	-0.67096	-1.17813	-1.41762	-1.61873	-1.9341	-2.34036	-2.68624	-3.06105	-3.14077	-3.05868	-2.49225	-1.77332	-0.55866	0.26405	0.63582	0.68892	1.28673	1.17706	1.15425	0.86683	0.80753	0.42951
MAL7P1.176	1.62478	0.3953	-0.26225	-0.96468	-1.22896	-1.97611	-2.55851	-3.11387	-4.27154	-4.52427	-4.73461	-5.33015	-5.7677	-6.20861	-5.85435	-5.18286	-2.52117	-1.5355	0.13048	1.39194	1.27898	1.13557	1.48873	1.45341
PF11_0344	1.05956	0.09522	-0.53743	-0.83983	-1.01786	-1.62176	-1.90616	-2.24656	-3.11357	-3.50175	-3.53333	-3.82703	-3.42739	-2.9141	-2.43385	-2.02815	-1.39778	-0.65399	1.50813	1.20794	1.29522	1.13239	1.32423	1.53636
PFL1490w	1.16636	1.40465	1.27078	1.23151	1.0543	0.8382	0.85578	0.76193	0.87936	0.63669	0.40171	0.29672	-0.02728	-0.55979	-0.80354	-1.24334	-1.37385	-1.5132	-0.98447	-0.4313	0.06731	0.5035	0.78071	0.95801
PF10_0036	-0.16918	-0.4078	-0.17878	-0.02303	0.00833	0.17345	0.29945	0.49656	0.39582	0.42703	0.49869	0.33382	0.01826	-0.37596	-0.32541	-0.31866	-0.21986	-0.48624	0.95949	0.19461	0.42113	0.28575	0.34421	0.53676
PF10_0122	0.00045	0.13333	0.27109	0.70684	0.81532	0.8972	0.73486	0.78485	0.74963	0.83488	0.97665	0.76693	0.75596	0.54896	0.41529	0.23869	-0.22057	-0.3466	-0.0653	-0.70591	-0.65591	-0.64883	-0.50581	-0.42906
MAL8P1.62	-0.5451	-1.06319	-1.00873	-1.51038	-1.91665	-1.61749	-1.43058	-1.12133	-1.06385	-0.80919	0.65062	-0.6186	-0.84002	-0.9646	-0.5597	0.19254	0.55752	0.59758	0.91427	0.69219	0.68662	0.22295	0.29813	-0.35384
PFD0415c	-0.62314	-0.69873	-0.41033	-0.612	-0.69073	-0.53855	-0.67485	-0.57743	-0.23701	0.13077	0.63508	0.78317	0.85424	0.70333	0.76937	0.47415	0.16369	-0.0503	-0.09682	-0.51925	-0.62283	-0.60012	-0.50472	-0.4918
PFE0330w	-0.28639	-0.54407	-0.4838	-0.45769	-0.09802	-0.03045	0.18287	0.28499	0.19416	-0.12203	0.02212	-0.0161	-0.03291	0.11083	0.31351	0.39023	0.17528	0.13804	0.25102	0.16955	0.11417	-0.15042	-0.27919	-0.26401
PFI0735c	0.15434	-0.19489	-0.51566	-0.25526	-0.29461	-0.32	-0.55646	-0.75466	-0.91971	-1.06703	-0.85229	-0.65961	-0.34915	-0.22954	0.21417	0.50403	0.5996	0.67157	1.26254	0.9907	0.66958	0.31873	0.50787	0.24925
PFI1445c	0.16418	0.35937	0.70625	0.72639	0.51822	0.64748	0.51095	0.25404	0.1078	0.01943	0.03135	0.11913	0.33964	0.26839	0.14031	0.22187	-0.12087	-0.15478	-0.27287	-0.3562	-0.19534	-0.05357	0.05875	
PFL0290w	0.76899	0.36077	0.06223	-0.07595	-0.07266	-0.31062	-0.29087	-0.25553	-0.29272	0.01529	-0.13628	0.07118	0.08583	0.27968	-0.05029	-0.16318	0.00968	-0.29457	0.15178	0.27612	0.41261	0.28993	0.32113	
PF07_0056	0.4143	0.18267	-0.69307	0.34009	0.00941	-0.11087	-0.11013	-0.09052	-0.13863	-0.17109	-0.18814	-0.28274	-0.23572	-0.06033	0.01484	0.0012	0.1367	0.15177	0.62077	0.35567	0.56093	0.52156	0.66332	0.48135
PF14_0137	0.25801	0.4951	0.81685	0.60619	0.99048	0.53954	0.69881	0.87446	0.4772	0.32205	0.3688	0.22232	0.15854	0.26106	0.51025	0.33858	0.21439	0.05822	0.18164	0.3392	0.00279	-0.16151	0.00351	-0.0142
MAL8P1.157	-0.6887	-0.46219	-0.37358	-0.31377	-0.31374	-0.22186	-0.00665	-0.12627	0.50416	0.60155	0.74649	0.74164	0.88734	0.94906	0.47916	0.1928	-0.11415	0.0141	-0.90943	-0.63088	-0.5931	-0.66823	-0.69426	-0.67815
PFA0470c	0.11302	0.04651	-1.26919	0.52358	0.18372	0.17093	0.37041	0.99038	1.31567	0.98576	0.98644	0.80661	0.73012	0.47358	0.42963	0.25236	-0.0483	-0.02731	0.17614	-0.21726	-0.21079	-0.2803	-0.07752	-0.14705
PF11_0052	0.19018	0.45665	0.33359	0.34583	0.38988	-0.03066	-0.09293	0.16474	0.00405	-0.03613	0.06281	-0.12035	-0.23762	-0.27459	-0.14299	-0.23226	-0.63132	-0.46621	-0.14093	-0.21102	-0.09205	-0.2318	0.0246	0.37238
PFA0495c	0.222	0.29914	0.41126	0.26836	0.46577	0.53084	0.43994	0.55945	0.61778	0.63846	0.82641	0.90725	0.79437	0.67183	0.46536	0.28508	0.01956	-0.04837	0.12074	-0.50863	-0.43767	-0.20844	-0.16847	0.05698
PFE0165w	0.4763	-0.15067	-1.08885	-1.73819	-2.32833	-2.74501	-3.12602	-3.07697	-2.66335	-2.15966	-1.4791	-1.31714	-1.01205	-0.74499	-0.09876	0.15578	0.06394	0.7095	0.4254	1.02202	0.88375	0.2513	0.33687	0.26989
PFC0575w	-0.99021	-0.92563	-1.04585	-0.95732	-1.15428	-0.73501	-0.53715	-0.20351	0.13781	0.28362	0.19091	0.6448	0.64004	0.74893	0.62269	0.49726	0.48034	0.23558	-0.04951	-0.35932	-0.47407	-0.44757	-0.68328	-0.87062
PFL1930w	-0.94621	-1.11723	-1.02925	-1.32638	-1.1602	-1.02855	-0.79903	-0.99408	-0.48857	-0.17773	-0.30929	-0.14837	0.24731	0.70809	0.61929	0.47671	0.78539	0.4945	-0.43053	0.06658	-0.06123	-0.24658	-0.57516	-0.9195
MAL8P1.130	0.09391	0.06865	0.32173	0.61346	1.02353	1.52581	1.57844	1.55984	1.48386	1.15654	1.05023	0.90071	0.71016	0.61137	0.42476	0.30409	-0.34035	0.01734	-0.09422	-0.23984	-0.49063	-0.46824	-0.3853	-0.33133
MAL8P1.110	0.34078	0.24904	-0.0466	0.09122	0.19701	-0.0749	-0.07227	-0.03495	-0.13373	0.06002	-0.13563	-0.21778	-0.15668	-0.11394	-0.14768	-0.08402	0.22002	0.34534	0.27745	0.27263	0.59873	0.25298	0.27973	0.06327
PFC0530w	-0.28049	-0.08627	0.1537	0.38824	0.4462	0.63271	0.79755	1.04882	1.22203	1.26296	1.35541	0.96538	0.52628	0.27931	-0.05888	-0.19945	-0.40258	-0.40253	-0.35373	-0.69165	-0.68119	-0.6977	-0.62219	-0.49839
MAL13P1.51	0.49992	0.15	-0.27762	-0.28946	-0.55673	-0.68679	-0.60348	-0.31169	-0.61275	-0.74262	-0.80796	-1.00394	-0.91526	-0.97054	-0.55953	0.15079	0.62981	0.48548	1.26358	1.09728	0.96527	0.52969	0.57744	0.33748
PFE0600c	-0.74031	-0.34396	-0.36521	-0.13863	-0.14497	-0.03181	-0.22339	0.7593	0.92504	0.79726	1.00789	0.93555	0.99886	0.65768	0.59229	0.43584	-0.16276	0.13986	0.09306	-0.35311	-0.39934	-0.54628	-0.4882	-0.45479
PFL1695c	0.42133	0.50063	0.24458	-0.02673	-0.08171	-0.10195	-0.19508	-0.29333	-0.74416	-0.90873	-0.6464	-0.45941	-0.28323	-0.14475	0.30072	0.56708	0.62452	0.83555	1.29369	0.73067	0.78362	0.51443	0.46459	0.34574
PF0710w	0.58787	0.15772	-0.05958	-0.11034	-0.23508	-0.40172	-0.66481	-0.63593	-1.15976	-1.33808	-1.3655	-1.57813	-1.4917	-1.67522	-1.15193	-0.34768	0.58839	0.5554	1.32468	1.07519	1.13834	0.77844	1.05832	0.76408
PF11490c	-0.2561	0.10548	0.37618	0.24982	0.21506	0.22259	0.35369	0.3114	0.31194	0.24439	0.31434	0.40675	0.43657	0.39442	0.33335	0.09622	0.07049	0.00668	-0.45282	-0.43826	-0.57337	-0.34216	-0.31569	-0.10959
PFI0635c	0.38085	0.59195	0.52391	0.73646	0.62833	0.89878	0.8803	1.0984	0.91867	0.73681	0.92619	0.74636	0.3548	-0.00923	-0.04498	-0.31634	-0.7239	-0.7545	-0.39397	-0.52851	-0.2406	-0.14406	0.29502	0.54187
PF13_0091	-0.01589	0.06384	-0.00304	-0.07034	0.01078	0.20408	0.1796	0.3577	0.35639	0.47982	0.44864	0.52579	0.30966	0.20344	0.21455	-0.04622	-0.34228	-0.2448	-0.37143	-0.78634	-0.69799	-0.19143	-0.23	

MAL13P1.78	-0.34697	-0.64333	-0.2862	-0.4697	-0.15498	0.32893	0.62307	0.60707	1.18452	1.10476	0.93873	0.93642	0.78718	0.57485	0.23287	0.11665	0.05366	0.06648	-0.13047	-0.08121	-0.13526	-0.29782	-0.31254	-0.34357
MAL7P1.87	-0.0759	-0.49161	-0.68255	-0.80549	-1.04229	-1.18472	-1.34584	-1.47481	-1.71318	-1.65308	-1.40341	-1.09269	-0.84935	-0.40448	0.18696	0.67055	0.79478	1.03436	0.58393	0.54287	0.2936	0.44796	0.11494	-0.42225
PF11 0214	0.14121	0.26121	0.43774	0.48339	0.60884	0.56269	0.50627	0.47561	0.3275	0.21172	0.03019	0.03701	0.18495	0.18918	0.14324	0.05957	0.20855	0.12299	-0.27208	0.1439	0.58296	0.32232	0.45655	0.45507
MAL7P1.155	-0.37333	-0.30334	-0.45613	-0.43646	-0.57407	-0.69406	-0.5798	-0.69338	-1.0348	-0.9748	-1.08362	-0.85465	-0.2671	0.41882	0.66271	0.77306	0.83416	0.77014	0.039	0.43645	0.29298	0.2147	0.02497	-0.21882
PF14 0104	-0.12677	0.24418	0.26436	0.46091	0.36817	0.38545	0.36712	0.49217	0.40729	0.41122	0.6117	0.69994	0.59516	0.39158	0.41714	0.08294	-0.28853	-0.35704	-0.69626	-0.87388	-0.89813	-0.67235	-0.57111	-0.3252
PF14 0364	0.40467	0.84855	-0.5477	0.96939	0.94869	0.8137	0.72528	0.93223	0.80653	0.75807	0.81185	0.5498	0.38848	0.22765	0.23526	-0.0398	-0.20998	-0.54936	-0.35404	-0.59448	-0.38386	-0.19657	-0.13209	0.17497
PFL0970w	0.30048	0.6167	0.44045	0.81722	0.72921	0.54078	0.51962	0.66568	0.55466	0.5108	0.48368	0.4685	0.44378	0.36491	0.38229	0.13662	-0.09076	0.05253	-0.07229	-0.17825	-0.25005	-0.13636	0.04552	0.2485
PF11 0470	0.33613	-0.14593	-0.51424	-0.7006	-0.60846	-0.87261	-0.97286	-0.99839	-1.15877	-1.36238	-1.25869	-1.32987	-1.16288	-1.04765	-0.52365	0.31621	0.62383	0.78658	1.05659	0.70465	0.80234	0.61603	0.35175	-0.02712
PF1760w	-0.15899	0.17372	0.56998	0.85726	1.41699	1.7917	1.82896	1.60665	1.18532	0.63594	0.36083	-0.41842	-0.45441	-0.64846	-0.69195	-0.70366	-0.61708	-0.47945	-0.26852	-0.36176	-0.01611	0.03161	0.29915	0.91254
MAL13P1.47	-0.49907	-0.35125	-0.21021	-0.42034	-0.15227	-0.20249	-0.35287	-0.37446	-0.3412	-0.14678	0.43777	0.24655	0.5035	0.3015	0.47231	0.47496	0.22165	-0.01313	0.1427	-0.05417	0.00464	-0.17169	-0.05831	0.09706
MAL13P1.32	0.54273	0.82311	0.91241	0.84924	1.10497	1.06106	1.06427	0.83226	0.76843	0.59432	0.34796	0.30722	0.22054	0.20027	-0.15215	-0.23513	-0.16652	0.1353	-0.2683	0.29307	0.45471	0.5778	0.60077	0.56921
PF11 0105	0.46888	0.59533	0.79933	1.0268	0.96653	1.00534	0.94035	1.06714	0.87478	0.64941	0.60878	0.52092	0.08922	-0.30293	-0.53394	-0.74342	-1.17088	-1.11594	-0.94175	-0.80266	-0.35819	0.04599	0.28544	0.48728
PFF0255c	-0.1717	-0.21577	1.37141	-0.25449	-0.63587	-0.23674	-0.36032	-0.27573	-0.08898	0.04547	0.2686	0.55443	0.74095	0.67116	1.00801	1.05081	0.59925	0.70634	0.9656	0.27841	-0.09921	-0.07018	0.0843	-0.13302
PFD0669c	-0.93939	-0.46613	-0.05454	-0.15396	0.03416	0.44455	0.60703	0.84	0.60051	0.5014	0.68574	0.8324	0.74885	0.33999	0.48312	0.33051	-0.20097	-0.2201	-0.14478	-0.78634	-0.11539	-1.08966	-1.1849	-0.967
PF13 0359	-0.52763	-0.84292	-0.66512	-0.88627	-0.82145	-0.69916	-0.44079	-0.14405	0.14758	0.31086	0.3666	0.61781	0.62974	0.78616	0.63486	0.55236	0.36511	0.61188	0.09164	0.20018	-0.1543	-0.34653	-0.45296	-0.62622
PFL2525c	0.37584	0.34112	0.95861	0.48276	0.57958	0.72022	0.41381	0.20359	0.31917	0.55927	0.22361	0.38207	0.38251	0.27294	0.08663	0.03173	-0.01852	0.17824	0.11532	0.33652	0.37404	0.4594	0.67781	0.89302
PFB0870w	-0.67164	-0.75001	-0.46957	-0.27701	-0.2971	-0.00369	0.2594	0.3363	0.85607	0.89595	0.75208	0.65139	0.60687	0.46196	0.07358	-0.22497	-0.21633	-0.41642	-0.03464	-0.05429	-0.31375	-0.34682	-0.16786	-0.30569
PF08 0115	0.49325	0.27683	-0.02933	-0.06871	0.00227	-0.27231	-0.34323	-0.18764	-0.38978	-0.46585	-0.56757	-0.63195	-0.7563	-0.9024	-0.85193	-0.79515	-0.5442	-0.57669	0.71216	0.4899	0.73368	0.62153	0.73336	0.89562
PF14 0566	0.50314	0.36935	0.18732	0.27426	0.16499	0.06487	-0.07119	-0.54309	-0.73332	-0.78932	-0.66089	-0.25544	-0.25511	0.0162	0.47376	0.74276	0.72072	0.51014	0.63522	0.67979	0.42749	0.1879	0.30253	0.33543
PF11 0400	0.37727	0.39889	0.43341	0.56835	0.58976	0.45782	0.45585	0.25504	0.28222	0.25508	0.08354	0.06589	0.17081	0.32023	0.15332	0.00215	-0.07961	0.02351	-0.43212	-0.12053	0.02206	-0.01469	-0.00243	0.07246
PF1375w	-0.35431	-0.74928	-0.85173	-1.05983	-1.29283	-1.3531	-1.47298	-1.57073	-1.78305	-1.61323	-1.21589	-1.17832	-0.81605	-0.58139	0.28098	0.59725	0.60975	0.53657	0.96818	0.40896	0.45922	0.07332	0.05943	-0.12269
PFA0130c	-0.35704	-0.46584	-2.12708	-0.22015	0.01002	1.4445	2.46502	2.81881	2.55296	1.89365	1.50442	0.71089	0.14189	-0.26013	-0.4921	-0.49849	-0.94071	-0.85501	-0.78443	-0.84139	-0.89076	-0.37311	-0.73873	-0.71166
PF14 0275	0.48932	0.63253	0.15459	0.61982	0.51154	0.70066	0.56273	0.64475	0.24035	0.15355	0.1678	0.22352	0.04069	0.23382	0.27436	0.33821	-0.23208	0.25276	0.61263	0.07185	0.30317	0.51911	0.44557	0.27365
PFE1315w	0.09844	-0.06667	-0.12605	-0.13483	-0.17409	-0.24857	-0.06557	-0.28449	-0.3608	-0.24891	-0.07806	-0.09236	0.01118	0.48261	0.75514	0.25976	0.79311	1.12679	0.75297	0.38847	0.06841	-0.02598	0.01648	
PF13 0148	-0.66917	-0.77171	-0.77269	-1.0104	-1.1374	-1.21408	-1.09347	-1.06578	-0.44	0.06154	0.25129	-0.44636	0.72347	0.96315	0.63021	0.46602	0.59562	0.3789	0.32455	-0.04388	-0.16662	-0.3141	-0.57368	-0.76863
PFE0930w	-0.26073	-0.18321	-0.3775	-0.33137	-0.2712	-0.22935	-0.35165	-0.56842	-0.69623	-0.48341	-0.20245	-0.10391	0.27465	0.36698	0.62934	0.67084	0.71625	0.61391	0.57336	0.4652	0.36771	0.21691	0.18987	0.04008
PF11 0205	0.67991	0.92593	0.95126	0.67414	0.5847	0.63983	0.50446	0.48952	0.52122	0.25852	0.33473	0.09659	-0.34443	-0.4701	-0.32467	-0.17639	-0.49268	0.01428	0.04724	-0.01223	0.05073	0.15056	0.15706	0.04387
MAL13P1.380	0.31086	-0.07463	-0.38642	-0.50118	-0.55886	-0.76461	-0.81127	-1.19805	-1.49308	-1.59514	-1.83863	-2.00757	-1.90141	-1.5014	-0.91061	0.01005	1.04824	0.68837	0.66755	1.05566	1.1969	0.98918	0.71293	0.22269
PF14 0383	-0.01587	-0.28058	-0.63561	-0.97981	-1.30031	-1.46447	-1.62216	-1.73914	-1.8532	-2.01648	-1.8717	-1.93845	-1.60916	-1.83184	-1.4108	0.79383	1.13146	1.057	0.97368	1.19884	1.18238	0.48422	0.22757	-0.47022
MAL13P1.90	-0.91148	-0.51287	0.16545	0.53656	0.60603	0.62244	0.46863	0.26284	0.13405	0.17496	0.31382	0.39042	0.517	0.54665	0.57943	0.41378	0.34266	0.26286	-0.0034	-0.21041	-0.63752	-0.85282	-0.92721	-0.79353
PF10 0166	0.18826	-0.47077	-0.24472	-0.98009	-1.40748	-1.75528	-2.09499	-2.34219	-2.49112	-2.27578	-2.11238	-1.90164	-1.98438	-1.889	-0.88923	0.0667	0.52616	0.71084	1.37667	1.14192	1.11054	0.62121	0.59197	-0.00963
PFC0571c	-0.67199	-0.9636	-0.87022	-1.16039	-1.32561	-1.3449	-1.23241	-0.86381	-0.19455	0.02982	0.18148	0.38931	0.68634	0.78197	0.72816	0.62014	0.44412	0.42406	0.22989	-0.00887	-0.30187	-0.53149	-0.7721	-0.78936
PF14 0649	-0.5243	-0.37359	0.17407	-0.15766	-0.096	0.20325	0.23698	-0.17188	0.07894	0.13551	-0.01688	-0.05675	-0.08034	0.16223	0.28634	0.415	0.55566	0.26611	-0.48009	-0.29153	-0.41995	-0.45965	-0.65722	-0.76895
PFI0215c	-0.67882	-0.76766	-1.14529	-0.94458	-0.98008	-0.78686	-0.7781	-0.87143	-0.82245	-0.58235	-0.16024	0.08498	0.35491	0.46046	0.93826	0.96639	0.70228	0.36211	0.67578	0.00584	-0.06594	-0.22971	-0.56429	-0.65031
MAL8P1.145	0.01222	0.00418	-0.21898	-0.55573	-0.69675	-0.72658	-0.70743	-0.57706	-0.34473	-0.32769	-0.24948	-0.17054	-0.06144	0.46843	0.82313	0.99531	0.80951	1.01374	0.79753	0.64629	0.23884	0.16344	-0.02891	
PFI0670w	-0.81522	-0.88576	-0.63167	-0.615	-0.6817	-0.38874	-0.33979	-0.14362	0.05538	0.13745	0.21808	0.50847	0.56457	0.61474	0.65887	0.46959	0.33001	-0.18718	0.18652	-0.15517	-0.31445	-0.39243	-0.49649	-0.72049
PFL0035c	1.58314	1.60649	1.52732	1.57151	1.48174	1.12694	0.50394	0.16864	-0.29558	-0.92568	-1.19504	-1.50463	-1.71227	-2.10924	-1.812	-1.85269	-1.81567	-1.35429	-0.66369	-0.29552	0.24687	0.7127	0.88056	0.99943
PF10 0111	-0.88873	-0.94929	-0.88961	-0.77631	-0.9594	-0.56239	-0.5468	-0.40524	-0.28448	-0.28747	0.08999	0.4232	0.35372	0.39908	0.59496	0.69453	0.21411	0.39189	0.24065	-0.54467	-0.64647	-0.77756	-0.92763	-1.02576
PFC0375c	0.36709	0.48121	0.50108	0.98442	1.06353	1.02373	0.77944	0.89898	0.76377	0.72107	0.60554	0.4388	0.42712	0.29682	0.05503	-0.12623	-0.29873	-0.22607	-0.52202	-0.577	-0.55655	-0.30703	-0.21392	0.03027
PFC10 API0059	-0.67136	-1.21488	-1.44689	-2.03585	-1.0897	-1.64987	-1.96642	-1.35087	-1.59193	-0.88931	-0.99366	-0.74915	-0.70659	-0.14418	0.06868	0.61277	0.60058	1.33144	-0.30534	0.45419	0.39469	0.60207	-0.13911	-0.04484
MAL13P1.225	0.89261	0.60104	0.73367	0.78446	0.85371	1.03822	0.91335	0.88095	0.83466	0.54531	0.58917	0.42807	0.00658	-0.44459	-0.76285	-1.0251	-1.84613	-1.2397	0.00725	0.12056	0.3406			

PFL0295c	-0.36583	-0.10468	-0.10454	0.10566	0.29372	0.36256	0.5427	0.61557	0.47189	0.30475	0.28385	0.04343	0.07451	-0.00789	0.15923	0.11105	0.26449	-0.1467	0.24507	-0.12543	-0.16038	-0.00138	-0.08124	-0.19539
PF0695w	-0.54094	0.10926	0.56056	0.73553	0.79292	1.26147	1.1023	0.87309	0.53159	0.2076	0.20992	0.19762	0.0597	-0.33816	-0.37788	-0.42508	-0.61918	-0.59952	-0.20625	-0.57736	-0.65903	-0.63025	-0.33244	-0.14131
MAL13_tRNA_M																								
et1	-0.02717	0.55028	-0.21891	-0.69049	-0.85935	-0.24518	-0.86823	-0.25602	-0.74695	-0.63752	-0.1386	-0.34299	-0.21356	-0.24769	0.26074	-0.0741	-0.91031	0.74851	0.92571	0.19911	0.60528	1.06703	0.79463	0.50621
PF10_0370	0.80854	1.42004	1.13731	1.67253	1.45253	1.59715	1.40932	1.53602	1.2422	0.61585	0.63317	0.56744	0.25881	0.16055	0.14794	-0.10616	-0.30409	-0.55383	-0.61302	-0.91924	-0.87038	-0.59677	-0.38286	-0.09338
PF0847w	1.48985	1.4025	0.59756	0.77034	0.36875	0.47351	0.84929	1.51529	0.80822	0.46607	0.40956	0.23047	0.19714	0.08832	0.27955	0.32399	0.41435	0.38401	0.54067	-0.20698	0.0542	0.38253	-0.34758	-0.30876
PF14_0487	0.37241	0.69611	0.67156	0.6214	0.54642	0.30022	0.20113	-0.11682	-0.22823	-0.34563	-0.31852	-0.26966	-0.08265	0.00698	-0.0205	-0.28489	-0.39043	-0.68467	-0.94366	-0.41249	-0.03422	0.11258	0.38372	0.33496
PF11_0409	0.07781	0.27719	0.51631	0.44363	0.57624	0.74991	0.73886	0.80567	0.42086	0.22795	0.56592	0.5037	0.58132	0.35418	0.5076	0.20816	-0.3179	-0.1171	-0.38109	-0.90107	-0.88339	-0.66081	-0.47705	-0.14557
PFB0215c	0.14782	0.51716	0.01338	0.35472	0.04933	0.35116	-0.02395	0.41294	0.25751	0.10064	0.39237	0.33946	0.33517	-0.02239	0.15673	0.08055	0.01781	0.04502	-0.03748	-0.46531	-0.35191	-0.30525	-0.56036	-0.35967
PFA0530c	-0.32755	0.17495	0.63908	0.34662	0.38742	0.6935	0.78753	1.02745	1.00515	0.96223	1.04922	1.038	0.75084	0.07105	-0.10951	-0.418	-0.83228	-0.99991	-0.637	-1.14707	-1.26911	-0.93601	-0.63569	-0.17072
PF14_0146	0.15782	0.3413	-0.22895	0.7522	0.4843	0.83656	0.73403	0.81757	1.06903	0.49911	0.81292	0.85812	0.63376	0.34263	0.22588	0.18198	-0.36984	-0.41876	0.00246	-0.72188	-0.68668	-0.54124	-0.255	-0.24006
PF14_0033	-0.37495	-0.31891	-0.0419	-0.65006	-0.78046	-1.2803	-1.08149	-1.30161	-1.11728	-1.66757	-1.33989	-1.29071	-0.72065	-0.53663	0.10758	0.13841	0.21544	0.1452	0.8158	0.30857	0.49155	0.06674	0.21147	0.19853
MAL7P1.127	0.00888	-0.12722	-0.36946	-0.35108	-0.15704	-0.42232	-0.29765	0.05309	0.10275	0.00185	0.03415	0.03119	-0.01883	0.26226	0.32433	0.50052	0.33432	0.61266	0.2096	0.51778	0.34854	0.01549	-0.2356	-0.18742
PF14_0712	0.18452	-0.09386	1.23622	0.49255	0.34756	0.32437	0.30528	0.1514	0.06183	0.04311	0.14882	0.36556	0.44781	0.59616	0.46681	0.38023	0.32159	0.32563	-0.11595	0.18598	0.16337	0.12684	0.28658	0.23318
PF14_0082	-0.00613	0.39693	0.61564	0.52874	0.40824	0.49318	0.3902	0.42857	0.58665	0.55492	0.50526	0.55541	0.15877	-0.25836	-0.32291	-0.70628	-0.6184	-1.09049	-0.81641	-0.94649	-0.86132	-0.61569	-0.39249	-0.0788
PF08_0029	-1.02292	-0.98429	-0.34544	-0.85258	-0.54961	0.24431	0.57587	0.94113	1.28739	1.11485	1.20047	1.12281	0.93061	0.5615	0.65319	0.34493	0.04027	-0.33757	-0.33513	-0.75015	-0.83846	-0.86514	-0.8555	-0.75332
PFL2285c	0.56565	-0.03762	-0.14064	-0.0915	-0.25567	-0.44625	-0.5378	-0.54687	-0.80328	-0.74161	-0.15998	-0.33749	-0.4895	-0.5544	-0.3688	-0.07007	0.37388	0.36044	1.20276	0.9537	0.55115	0.57195	0.83926	0.73997
PFE1615c	-1.37876	-2.10278	-1.1738	-1.73556	-1.0556	1.16303	2.37423	2.84164	2.8805	2.40169	1.95631	1.13478	0.58783	-0.12118	-0.58783	-1.01139	-1.78138	-1.40058	-1.25375	-1.69771	-2.0801	-2.05627	-1.78598	-1.41023
PF10_0158	0.68426	0.53393	0.70586	0.61221	0.64877	0.54523	0.68722	0.72839	0.79048	0.70843	0.70175	0.73072	0.24692	0.06809	-0.25955	-0.38795	-0.65495	-0.46333	0.27888	0.09557	0.04773	0.17026	0.40295	0.80631
PFE0335w	-0.01804	0.01135	0.2854	0.29861	0.35559	0.51574	0.4608	0.28064	0.36465	0.32443	0.13612	0.411	0.24652	0.27955	-0.02686	-0.11113	-0.26244	-0.29905	-0.60806	-0.35768	-0.38221	-0.20585	-0.17925	-0.08996
PFL2420w	0.14332	0.41367	0.30292	0.43926	0.59838	0.68685	0.5633	0.37721	0.05322	-0.21566	-0.3757	-0.45856	-0.60791	-0.29271	0.05004	0.18774	0.41915	0.54689	0.45499	0.71028	0.83456	0.86205	1.03251	1.02904
MAL7P1.118	0.43638	0.75084	0.87835	1.15765	1.12626	1.39077	1.13973	0.74798	0.44417	0.18401	0.2475	0.36879	0.3872	0.30375	0.52971	0.51083	0.14524	0.18958	0.47392	0.1218	0.14422	-0.206	-0.0809	0.13338
PF14_0204	1.32803	1.09949	0.99215	0.67056	0.66382	0.09051	-0.13941	-0.33667	-0.49628	-0.52776	-0.54838	-0.58984	-0.56479	-0.56623	-0.45458	-0.21502	0.13983	-0.01608	0.48236	0.80212	1.08262	0.71037	1.07892	1.07944
PF11_0368	-0.35249	-0.35133	-0.22457	-0.51996	-0.51098	-0.51827	-0.49125	-0.56373	-0.09912	0.29764	0.44644	0.62659	0.72574	0.70002	0.44732	0.38798	0.29228	0.32385	-0.1655	-0.04462	-0.20006	-0.07675	-0.19348	-0.16098
PF08_0069	-0.24233	-0.15583	-1.35814	0.22214	0.19528	0.37094	0.92979	0.64981	0.66688	0.61824	0.64766	0.61299	0.54956	0.39233	0.1708	0.02754	-0.39828	-0.39831	-0.43122	-0.57735	-0.53832	-0.20608	-0.07471	-0.05549
PFL1560c	0.26966	0.24105	0.08153	-0.03469	-0.10752	-0.2785	-0.30627	-0.20864	-0.91994	-0.66918	-0.66023	-0.64296	-0.63629	-0.80171	-0.46257	-0.5798	-0.69818	-0.73255	0.57553	0.41669	0.53578	0.51634	0.60807	0.82556
PF1025w	0.07414	0.33009	0.37613	0.45244	0.32966	0.38666	0.28502	0.32572	0.29498	0.34033	0.52853	0.68102	0.59453	0.39159	0.47941	0.28305	-0.26259	0.05146	0.02756	-0.38462	-0.30492	-0.20988	-0.09004	-0.06385
PFL2350c	0.13837	0.06897	0.66813	1.14047	1.22553	1.74382	1.79849	1.72648	1.75309	1.43663	1.07204	0.97581	0.66634	0.37936	-0.01281	-0.14635	-0.63028	-0.36342	-0.55962	-0.36602	-0.45396	-0.19344	-0.03202	0.12265
MAL7P1.26	0.73938	0.83769	0.95459	1.5556	1.43397	1.52163	1.32927	1.015	0.91086	0.92022	0.9252	0.7587	0.59032	0.34222	0.13471	-0.14173	-0.26699	-0.44402	-0.27832	-0.55986	-0.43029	-0.09806	-0.26232	0.69022
PFI0365w	0.46819	0.72721	0.73107	0.81115	0.77016	0.77043	0.53936	0.31635	0.20859	0.36016	0.36039	0.22072	0.11724	-0.06772	-0.27259	-0.38849	-0.30937	-0.46005	-0.15153	-0.04909	0.10035	0.29386	0.4925	0.42985
PF14_0690	0.31546	0.7007	0.69217	0.52933	0.35932	0.35004	0.4451	0.08956	0.25779	0.20636	-0.00077	-0.06273	-0.04845	-0.00463	-0.25821	-0.46021	-0.31068	-0.56044	-1.06409	-0.52535	-0.23674	0.14918	0.21728	0.33281
PF14_0360	0.40593	0.42967	0.62598	0.93597	0.98391	0.76988	0.81975	0.87363	0.60993	0.66517	0.5849	0.48954	0.25629	0.15187	-0.06727	-0.26901	-0.55052	-0.46502	-0.54787	-0.57192	-0.55164	-0.24935	-0.61815	0.19115
MAL13P1.151	-0.76529	-1.01058	-0.96206	-1.21993	-1.24267	-1.17311	-1.22713	-1.31977	-0.91708	-0.44998	-0.36221	-0.01113	0.50298	0.76886	0.8573	0.68594	0.66877	0.54112	0.04659	0.12088	-0.24674	-0.4535	-0.66559	-0.79939
PF11_0242	0.09765	0.26365	0.17925	0.10682	-0.13355	-0.18248	-0.1386	-0.40304	-0.43228	-0.5623	-0.96108	-1.0917	-0.89451	-0.61998	-0.58109	-0.18392	0.36257	0.40624	-0.31659	0.25532	0.39402	0.46608	0.27684	0.00868
PFF0450c	0.85654	0.90762	0.72472	0.98834	0.94364	0.83282	0.68153	0.71864	0.22296	0.02092	0.07904	-0.11478	-0.15382	-0.11193	-0.08681	-0.0656	-0.10087	-0.04846	0.25713	-0.03102	-0.04749	0.10061	0.21061	0.37268
PF14_0602	-0.92202	-1.11448	-1.70717	-1.3506	-1.33421	-1.34879	-1.29043	-1.22387	-0.40562	-0.48302	-0.58017	0.78179	0.87933	0.69373	0.73095	0.64344	0.31411	0.15172	0.15147	-0.05744	-0.53243	-0.58403	-0.65038	-0.83562
PF14_0196	0.34037	-0.05311	-0.27067	-0.14508	-0.15997	-0.19421	-0.28638	-0.26464	-0.48645	-0.55177	-0.4695	-0.66746	-0.5586	-0.49914	-0.26229	-0.01559	0.19032	0.1907	1.12997	0.71101	0.76075	0.55113	0.72524	0.62458
PF01007w	-0.02897	0.62912	-1.34186	1.19511	1.43672	1.60265	1.32303	1.28907	0.36805	0.23166	0.47393	-0.0347	-0.10442	-0.31844	-0.28359	-0.42227	-0.22982	-0.51237	0.41701	0.15882	0.60277	0.45461	1.21212	1.49627
MAL13P1.20	0.20665	0.19756	0.00685	0.28685	0.43134	0.47142	0.59365	0.37982	0.27402	0.24166	0.25308	0.09272	0.06621	-0.00142	0.19906	0.26131	0.56143	0.36838	0.76947	0.30969	0.38541	0.4484	0.10748	0.05093
PF14_0504	0.31945	0.33264	0.02068	0.54274	0.43563	0.50086	0.70922	0.78204	0.69227	0.56895	0.51884	0.37246	0.50384	0.43465	0.32085	0.32951	0.18616	0.09829	0.00342	-0.18415	-0.39236	-0.42829	-0.34745	-0.17121
PFE0740c	0.15917	-0.12072	0.2421	0.1275	0.45224	0.99279	1.03423	0.9458	0.7765	0.64913	0.48717	0.51198	0.59122	0.69734	0.61068	0.44049	0.45679	0.42046	0.05414	-0.01341	-0.35606	-0.44578	-0.55701	-0.36323
PF10_0115	-0.80112	-0.28208	-0.36782	-0.31683	-0.37681	-0.67855	-0.5449	-0.78442	0.12658															

PFI0710c	-0.23273	-0.30568	-0.18186	-0.41833	-0.32047	-0.28606	-0.27944	-0.43546	-0.45065	-0.51234	-0.35801	-0.12938	0.15109	0.46106	0.46589	0.52559	0.60925	0.29353	0.10005	0.25896	0.18533	0.04033	0.00551	-0.08884
MAL13P1.21	-0.50518	-0.57735	-0.64146	-0.96724	-1.07115	-1.12793	-1.26674	-1.25161	-0.98754	-0.50732	-0.1088	0.14776	0.44824	0.71337	0.71281	0.44968	0.55893	0.70377	0.44623	0.3109	-0.05574	-0.15475	-0.38047	
PF10 0019	-0.13954	0.63637	2.3958	2.36599	3.39301	3.39477	2.88826	2.45705	-1.93449	0.13745	-0.42559	-1.68718	-2.42728	-3.50054	-3.75621	-4.73478	-4.40266	-5.05387	-4.01452	-3.24618	-1.6727	-0.98789	-0.45302	0.06703
PF14 0639	0.43544	0.69494	0.93666	0.97914	0.80096	1.0285	0.88531	0.84422	0.84537	0.68562	0.75877	0.86145	0.48751	0.42198	0.31875	0.09137	0.14008	-0.04165	-0.45221	-0.62329	-0.8469	-0.46737	-0.4965	-0.12863
PFC0290w	-1.08133	-0.23018	0.41465	0.11547	0.5095	0.93029	0.16222	0.2194	0.7941	0.80488	0.63009	0.77098	0.85157	0.43658	0.31195	-0.0458	-0.96163	-0.30495	-0.85552	-1.85305	-2.00148	-1.22805	-1.13396	-0.8504
PF07 0113	-0.65818	-0.84653	-0.7872	-1.24579	-1.13904	-0.91464	-0.3662	-0.0236	0.17735	0.24754	0.25577	0.45269	0.5523	0.78762	0.687	0.61115	0.37605	0.51307	0.1588	0.02289	-0.36515	-0.61348	-0.74207	-0.72878
MAL7P1.167	-0.01572	-0.45182	-1.04349	-0.83192	-1.01516	-1.31996	-1.41618	-1.52833	-1.55102	-1.14137	-1.22563	-0.97141	-0.56082	0.04381	-0.05183	0.09079	0.50514	0.64268	0.27556	0.8265	0.70843	0.55141	0.4788	0.26017
PF11 0290	1.31508	0.51702	0.02584	-0.16624	-0.35828	-0.73823	-0.62303	-0.67982	-1.00926	-1.22461	-1.3085	-1.46889	-1.92844	-2.06474	-2.07555	-1.82683	-1.2542	-0.27453	1.38834	1.0266	1.33197	1.27622	1.34138	1.43149
PFF0260w	-0.06195	0.09345	-0.24858	0.11267	0.13214	0.13665	0.01797	-0.12289	-0.37614	-0.11645	0.14314	0.17588	0.37495	0.22931	0.57408	0.58344	0.39038	0.20045	0.66982	0.1979	0.1985	-0.02176	0.10028	0.21001
MAL13P1.236	-0.7405	-0.1852	0.28171	0.06263	0.25029	0.28404	0.20133	0.53751	0.54193	0.5806	0.80267	0.69714	0.61946	0.31014	0.51725	0.32181	0.19148	-0.07887	0.09945	-0.2729	-0.45451	-0.38414	-0.29058	-0.12512
PFD0205c	-0.25166	-0.17332	-0.13229	-0.16135	-0.21354	-0.16223	-0.18753	-0.38359	-0.56951	-0.14091	0.32323	0.40419	0.54163	0.39925	0.48642	0.46523	0.52819	0.04186	0.42446	0.01322	0.04307	-0.3561	-0.1363	0.09092
PFI0210c	0.15944	-0.03815	-0.50677	0.09344	-0.06079	-0.21142	-0.28663	-0.4303	-0.23117	-0.16611	-0.0756	-0.02126	0.125	0	-0.05327	0.09841	0.33433	0.50562	0.08756	0.3793	0.10302	0.02888	0.17967	0.10347
PF14 0542	-0.47822	0.06861	0.56624	0.67606	0.78588	0.81905	0.63645	0.50868	0.27161	0.33272	0.34601	0.31117	0.35249	0.29381	0.38623	0.29429	0.0538	-0.12363	-0.2002	-0.31526	-0.41027	-0.2729	-0.25743	-0.03368
PFL1690w	-0.44488	-0.72086	-0.2886	-1.01054	-0.55896	-0.31119	-0.17198	0.42808	1.04138	1.18905	1.29652	0.98738	0.36209	0.45946	0.2323	0.1926	0.1428	-0.21296	-0.00894	-0.08339	-0.19489	-0.32823	-0.49075	-0.48426
PFF0095c	0.14994	0.21723	0.04477	0.28344	0.39093	0.32097	0.29044	0.2521	0.09911	0.16926	0.24948	0.17806	0.25123	0.33986	0.11968	0.11837	0.11242	0.29904	-0.22399	0.2379	0.33456	0.6525	0.65059	0.67414
MAL13P1.341	0.50625	0.64041	0.77692	1.01703	0.70168	1.0712	0.72945	1.19834	1.12119	0.81806	1.02013	0.55895	0.52847	-0.06756	-0.04731	-0.35068	-0.63963	-0.81266	-0.44786	-0.67825	-0.41641	0.06426	-0.24467	0.3884
PF14 0646	-0.34456	-0.68315	-0.33003	-0.17315	0.19859	0.49052	0.50679	0.84716	0.37515	0.48026	0.71844	0.57825	0.54073	0.55148	0.65329	0.70039	0.11316	0.49101	0.77362	0.28766	0.09779	-0.31304	-0.16105	-0.12735
PFD0775c	-0.53843	-0.71503	-0.37917	-0.59494	-0.575	-0.31811	-0.30477	-0.43634	-0.17701	0.00031	0.11914	0.22393	0.1972	0.19346	0.22328	0.30258	0.18591	0.30114	0.77267	0.09515	-0.092	0.12568	-0.04154	-0.18045
PF14 0267	-0.35846	-0.11596	0.26259	0.26259	0.32601	0.49643	0.45037	0.41309	0.32486	0.21445	0.25482	0.26379	0.32229	0.02009	0.20792	0.24506	0.10048	0.06699	0.2434	-0.09748	-0.37047	-0.31626	-0.27366	-0.15638
PF14 0317	-0.89871	-1.06468	-0.99441	-1.28927	-1.1686	-0.96434	-0.54701	-0.48627	-0.28235	-0.02869	0.47644	0.51384	0.80668	0.61124	0.92168	0.74309	0.33176	0.21767	0.49035	-0.32427	-0.67613	-0.74607	-0.84515	-1.12083
PFC0895w	-0.36219	0.15383	0.30932	0.09672	0.10256	0.27006	0.13142	-0.00931	0.2527	0.38537	0.57831	0.59965	0.25809	0.40018	0.12355	0.00421	0.04196	-0.03341	0.05196	0.39923	0.367	0.2079	0.66411	0.70251
PF14 0100	0.0313	0.422	0.0109	0.49727	0.67335	0.68894	0.80119	1.14	0.88533	1.0369	1.08928	0.55339	0.23524	-0.17154	-0.01701	-0.20234	-0.75124	-0.61749	0.15813	-0.65286	-0.44502	0.19186	-0.30063	-0.07265
PFC0800w	-0.97202	-0.73524	-0.62175	-0.31828	0.05315	0.77493	0.71898	1.02577	1.08483	0.90664	1.17972	0.96896	0.97837	0.57325	0.50367	0.22744	-0.19644	-0.24572	-0.38231	-0.73225	-1.11532	-1.0125	-0.95937	-0.96345
PF07 0052	0.20487	-0.13989	-0.58648	-0.52349	-0.85505	-1.09963	-1.21625	-1.39054	-1.8894	-2.03592	-1.76714	-1.58287	-1.2664	-1.33616	-0.58199	-0.00687	0.56591	0.4164	1.11929	0.90696	0.87615	0.61756	0.67087	0.49668
PF10 0133	-0.8734	-0.97113	-0.98721	-1.1744	-1.3269	-1.47906	-1.3357	-1.19239	-0.65368	-0.13243	0.16958	0.45149	0.62206	0.73382	0.65908	0.60779	0.76266	0.43503	0.22109	0.20855	0.11576	-0.13541	-0.36002	-0.6583
PF13 0167	-0.01255	0.42672	0.64353	0.58455	0.61955	0.38559	0.35489	0.50256	0.37403	0.3477	0.39713	0.3001	0.07755	-0.0886	-0.37417	-0.17974	-0.17613	-0.21219	-0.09537	-0.35057	-0.1523	-0.17536	-0.15356	-0.08577
PFI0780w	-0.17465	0.07337	0.12344	0.10802	0.23395	0.16944	0.11579	0.2737	-0.11972	-0.08208	0.11453	0.04467	0.18459	0.04415	0.28478	0.14195	0.05368	0.21239	0.10105	-0.34933	-0.56731	-0.86127	-0.48338	-0.25131
PF10 0327	0.00908	0.42198	0.55242	0.52589	0.40546	0.38636	0.42117	0.53065	0.25749	0.49048	0.50372	0.49657	0.3377	0.16312	0.18055	-0.16219	-0.22276	-0.38131	-0.63224	-0.76994	-0.6806	-0.18386	-0.16067	0.06202
PFD0590c	-1.21813	-1.37837	-1.17151	-1.58926	-1.47014	-1.64566	-1.66937	-1.78518	-1.76521	-0.91332	-0.31787	0.07134	0.48866	0.82503	0.82997	0.71834	0.76432	0.33505	-0.31262	-0.20971	-0.23103	-0.4934	-0.7132	-0.85791
PFE1480c	-0.13711	-0.30103	-0.38671	-0.66165	-0.49991	-0.19303	0.30585	0.64171	0.92307	1.01161	0.7729	0.84558	0.44022	0.27356	-0.01058	0.00868	-0.02775	0.2653	0.09351	0.38893	0.07918	0.25127	0.32476	0.20806
PFL2405c	-0.19798	-0.60455	-0.6338	-0.34337	-0.33616	-0.42083	-0.3308	-0.18622	0.02477	-0.15216	-0.11557	0.07025	0.03354	0.09604	-0.00574	0.03965	-0.18109	0.36478	0.07764	0.50741	0.53501	1.01213	0.83128	0.72
PFD0560w	-0.43292	-0.34818	-0.36354	-0.37489	-0.53787	-0.18943	0.06436	0.15269	0.4348	0.55603	0.5579	0.723	0.76385	0.72273	0.61933	0.39653	0.29934	0.13504	-0.01398	-0.22842	-0.29513	-0.23866	-0.20407	-0.39407
PFF0125c	0.55354	0.62196	0.34968	0.75259	1.02794	0.62829	0.48851	0.71063	0.39177	0.56504	0.57521	0.32474	0.34725	0.27599	0.07501	-0.1632	-0.25957	-0.35587	-0.60428	-0.40278	-0.1224	0.09868	0.22401	0.52122
PFF0960c	-0.3311	-0.30127	-0.51355	-0.40416	-0.47986	-0.68746	-0.48374	-0.47978	-0.41253	-0.41531	-0.26245	-0.19939	-0.0457	0.09952	0.23995	0.15299	-0.00149	0.21684	-0.12593	-0.02963	-0.01731	-0.25208	-0.394	-0.33318
PF10 0189	-0.14539	-0.25102	-0.2274	-0.38349	-0.55764	-0.54875	-0.66087	-0.90495	-1.22593	-1.22801	-1.12732	-1.09074	-0.83859	-0.52405	0.15282	0.54758	1.12855	0.5771	0.98563	0.80948	0.94021	0.71064	0.60954	-0.08898
PFC0710w	-1.25137	-1.35785	-1.21062	-1.82754	-2.15678	-2.3587	-2.19223	-2.04996	-1.66904	-1.30778	-0.74992	-0.45134	-0.00535	0.22871	0.65373	0.81213	0.85529	0.67913	0.17167	-0.02805	-2.44404	-0.57532	-0.91746	-1.25189
PFC0785c	-0.43126	-0.10253	0.33476	-0.0498	0.08262	0.13035	0.04369	0.0664	0.45097	0.47225	0.72677	0.84627	0.91823	0.66856	0.66962	0.51097	0.24986	0.10998	-0.41263	-0.79946	-1.23048	-0.84012	-0.97327	-0.88304
PFF1585w	0.99369	1.00574	0.73823	0.90205	0.89041	1.12747	1.22436	1.21434	1.12522	0.7985	0.76442	0.4502	0.47856	0.4489	0.25306	0.2374	0.20716	0.09318	0.31378	0.06361	-0.06386	0.12961	0.09815	0.18013
PF10 0035	-0.27163	-0.06874	-0.33473	-0.15277	0.11927	0.40212	0.59217	0.74934	0.87568	0.59966	0.73809	0.46472	0.60957	0.32768	0.33208	0.20984	0.14857	-0.02476	0.20755	-0.06359	-0.05214	-0.34547	0.23696	0.10311
PFC0005w	-0.41392	-0.95041	-0.05613	-0.16409	-0.69121	-0.61742	-0.32154	-0.402	-0.04829	-0.33437	-0.66107	-0.41536	-0.27909	-1.06353	-0.93395	-0.69589	-0.40054	-0.41866	-0.50847	-0.48845	-0.57139	-1.31083	-0.55752	-0.54165
PF08 0022	0.18218	0.143	-0.06792	0.05302	0.23717	0.20572	-0.17668	-0.25379	-0.31679	-0.31576	-0.28852	-0.28154	-0.35788	-0.14355	-0.01549	0.33097	0.37499	0.50754	0.53091	0.61343	0.55963	0.23647		

PFL0450c	-0.26583	0.07167	0.56534	0.28186	0.48828	0.57118	0.52057	0.88688	0.78844	0.77139	0.75983	0.70623	0.60304	0.19617	0.22575	0.03922	-0.04421	-0.0316	-0.04311	-0.49678	-0.77415	-0.66055	-0.62744	-0.31062
PFE1005w	-0.83894	0.03969	0.24731	0.49079	0.89443	0.88076	0.97142	0.64838	0.55989	0.9696	0.87812	0.52381	0.3512	0.16186	0.03868	-0.29726	-0.60128	-0.8023	-1.08749	-1.90011	-1.89449	-1.49659	-1.40109	-1.03218
MAL13P1.176	1.29437	0.43416	0.0954	-0.45916	-0.52577	-0.92081	-1.17173	-1.66681	-2.15164	-2.41423	-2.55576	-2.54172	-2.76889	-2.67183	-2.87282	-2.50542	-1.41618	-0.32021	0.77269	1.42462	1.61532	1.40572	1.48173	1.37229
PFE1030c	0.2892	-0.26743	-0.535	-0.51733	-0.57996	-0.18766	0.49696	0.53238	0.3032	0.21385	0.2832	0.3128	0.26426	0.03515	0.16604	0.29439	0.61615	0.14782	1.29236	0.62133	0.65607	0.33847	0.3154	0.11111
PFL2055w	-0.35107	0.08501	0.29882	0.3752	0.18449	0.58979	0.43891	0.31941	0.9184	0.41444	0.59225	0.73538	0.29123	-0.10028	0.10681	-0.12579	-0.44003	-0.42274	-0.86605	-1.65251	-1.37351	-0.93177	-0.85215	-0.67756
PF10950w	-0.78644	-0.86735	-1.08073	-0.95975	-1.02486	-1.0307	-1.20428	-1.29205	-1.56018	-1.7678	-1.50108	-1.23191	-0.4368	0.26087	0.89093	0.99895	0.8916	0.654	0.51539	0.35292	0.01323	-0.10607	-0.31112	-0.37863
PF10170w	0.77953	0.75888	1.03225	0.87831	0.72379	0.63591	0.51024	0.43868	0.57172	0.59402	0.41267	0.50339	0.35095	0.34	0.16237	-0.17615	-0.3076	-0.34842	-0.50371	-0.09022	0.03386	0.22928	0.50423	0.57909
PFA0275c	0.16189	0.60187	0.70925	0.92583	0.92427	1.01954	0.90073	0.83391	0.74947	0.63547	0.63384	0.5675	0.44411	0.42345	0.2241	0.02202	-0.23745	-0.0233	-0.04289	-0.34824	-0.32811	-0.07245	0.02588	-0.05186
PF10_0007	-1.22654	-1.13871	-0.35634	-0.35805	-0.58196	-0.44814	1.42254	2.60257	2.86006	2.49226	2.10739	1.57458	0.73283	0.06591	-0.5955	-1.07115	-1.68456	-1.7041	-1.75103	-1.51869	-2.00836	-2.06842	-1.87274	-1.94366
PF14_0155	0.70515	0.62705	0.30625	0.47562	0.51012	0.53977	0.43575	0.38057	0.11973	-0.07738	0.12864	-0.16561	-0.24002	-0.18518	-0.00285	0.31053	0.41973	0.53508	0.79779	0.55596	0.63155	0.78193	0.68103	0.66184
PF10_0289	-1.48145	-1.30009	-1.04391	-1.02034	-1.0177	-0.84376	-1.00779	-0.98449	-0.8423	-0.22973	0.38423	0.72135	0.83944	0.77648	0.7172	0.44661	-0.01629	-0.4171	-0.95897	-1.58843	-1.68544	-1.5495	-1.68667	-1.42196
MAL13P1.274	0.08034	0.26485	0.44715	0.48765	0.49222	0.41867	0.42569	0.38078	0.53639	0.73373	0.86303	0.83193	0.84973	0.60613	0.46035	0.0924	-0.19012	-0.37328	-0.48102	-0.79401	-0.75039	-0.59353	-0.41677	-0.18551
PF13_0314	0.51301	0.39397	0.2036	0.42394	0.4907	0.28648	0.13139	0.05116	-0.37056	-0.45666	-0.46531	-0.82453	-0.77028	-0.86164	-0.38279	0.23729	0.42866	0.75593	1.00751	1.27192	1.02788	1.30935	1.24221	
PF0595c	-0.46678	-0.49348	-0.48424	-0.91923	-1.13067	-1.17046	-1.29006	-1.83552	-1.80534	-1.88683	-1.93865	-1.64232	-0.72256	0.1264	0.75245	1.04785	0.94885	1.15766	0.44288	0.69947	0.65814	0.50685	0.12221	-0.34826
PF13_0096	0.12642	0.18929	-1.04043	0.84898	0.8181	1.09474	1.00194	1.01001	0.86864	0.43494	0.38315	0.28465	0.30853	0.24808	0.43826	0.30722	0.2871	0.04465	0.5026	0.02029	-0.14399	-0.12443	-0.14712	-0.13124
PF10_0177a	-0.34226	-0.54604	-0.6058	-0.90702	-1.02375	-1.2387	-1.43504	-1.59703	-1.99627	-2.25604	-2.31483	-2.50158	-2.16282	-1.49868	-0.24219	0.60931	1.05602	0.87615	0.5946	0.88032	0.96056	0.36438	0.1287	-0.40554
PF08_0036	0.40116	0.45787	0.33752	0.53652	0.3018	0.32136	0.01891	-0.1585	-0.63044	-0.84474	-0.55071	-0.45196	-0.33088	-0.33314	0.03903	0.23097	0.06661	0.04952	0.28773	-0.01801	-0.05088	0.08875	0.21414	0.08243
PF11_0504	2.26746	2.65449	2.28063	2.20109	1.83221	1.7943	0.64929	0.97482	0.84026	1.21416	1.3208	0.22832	0.11329	-0.16435	-0.19897	-0.33281	-0.99064	-0.70466	-0.74309	-0.51695	-0.03153	0.87396	1.20206	1.14568
PF14_0686	0.66968	0.891	1.05846	0.96727	0.99669	1.08233	0.98426	0.58774	0.73683	0.67747	0.546	0.67643	0.64212	0.80914	0.3931	0.05307	0.15076	-0.0591	-0.94431	-0.56048	-0.63261	-0.19947	-0.10314	0.01759
PFA0430c	-0.60478	-0.35313	-0.42052	-0.39863	-0.22351	-1.17138	0.13242	0.11536	0.41676	0.02761	0.03319	-0.01263	0.21799	0.53977	0.46843	0.45289	-0.0954	0.30345	-0.22547	-0.29881	-0.48611	-0.19251	-0.47522	-0.54132
MAL13P1.197	0.52411	0.88241	0.64049	0.68268	0.93564	0.74055	0.75202	0.87039	0.73368	0.70627	0.59664	0.40543	0.3284	0.12563	0.08034	-0.05421	0.18308	0.0751	-0.20122	0.06716	0.00601	-0.00052	0.07515	
PF07_0045	0.14357	0.43426	0.64691	0.65517	0.63716	0.66893	0.62006	0.33496	0.25126	0.2126	0.37814	0.37034	0.40912	0.31174	0.3787	0.30029	0.02449	-0.17152	-0.24873	-0.52925	-0.63363	-0.51435	-0.33329	0.01971
PF13_0172	0.44908	0.67942	-0.98272	0.70243	1.07744	0.4037	0.33665	1.38916	0.56401	0.25562	0.1803	0.01928	-0.22385	-0.29885	-0.35565	-0.2798	-0.30563	0.07443	0.16201	0.17629	0.28216	0.35346	0.28597	0.26598
PFL1020w	0.04687	-0.85186	-1.62316	0.97196	1.06044	1.41367	1.37672	1.55777	1.32143	0.84047	0.93394	0.7155	0.74669	0.58415	0.62206	0.63219	-0.07764	0.10475	0.35257	-0.19738	-0.44076	-0.40803	-0.32436	-0.16877
PF13_0179	-0.80173	-0.21109	-0.04178	0.66611	0.15128	0.23472	0.36151	0.32349	0.51155	0.6117	0.78248	0.80149	1.03284	0.61279	0.56775	0.01803	-0.30874	-0.7099	-0.9102	-1.53618	-1.55291	-1.19658	-1.21842	-0.86847
PFC0065c	1.22216	0.5453	0.47219	0.57233	0.86499	0.99553	1.06687	1.0977	0.95753	0.68788	0.32827	-0.11498	-0.60176	-1.0424	-1.4883	-1.84466	-1.55332	-1.33734	0.6746	0.73802	0.92315	0.9254	1.15645	1.4196
PFD0685c	-1.14075	-1.09406	-1.24128	-1.24149	-1.30258	-1.33021	-1.29485	-1.06102	-0.28649	0.19302	0.46691	0.70231	0.87464	0.94084	0.93177	0.4795	0.35074	0.30672	-0.53525	-0.36616	-0.51252	-0.63891	-0.68922	-0.69649
MAL13P1.222	0.51997	0.76533	0.85985	1.01059	1.11526	1.18327	1.13433	1.11172	0.99902	0.72915	0.63447	0.34327	0.10938	-0.13863	-0.51895	-0.82789	-0.94864	-1.19095	-1.07007	-0.76809	-0.43127	-0.1582	0.06338	0.41472
PF11_0233	-0.64092	-0.84066	-0.88913	-1.12717	-1.22333	-1.26317	-1.20743	-0.83659	-0.44559	-0.27939	-0.21974	0.02243	0.25267	0.62629	0.62077	0.70869	0.65046	0.2502	0.37437	0.30216	-0.0743	-0.35159	-0.73871	
PFB0415c	0.56539	0.691	0.76796	0.91256	0.85584	1.14779	1.04098	0.87995	0.84803	0.68426	0.81065	0.86157	0.58242	0.46403	0.34976	0.28936	-0.24998	0.07713	-0.05789	-0.3811	-0.44953	-0.3002	-0.11707	0.15665
PF11_0403	0.24458	0.28463	-0.23845	0.87994	0.94879	0.96393	0.87912	0.87003	0.5289	0.53216	0.64482	0.31096	0.59772	0.38732	0.42056	0.31632	-0.06421	-0.06122	0.14769	-0.25415	-0.57153	-0.38467	-0.35373	-0.03635
MAL7_trna_Thr2	0.58519	0.93456	0.55975	0.02931	0.06204	0.21412	0.29363	0.77313	1.15655	0.85483	0.9124	0.98274	0.51419	0.40725	0.15996	0.14974	0.00525	0.06809	-0.07823	-0.19038	-0.16668	-0.01815	-0.20669	-0.30998
MAL13P1.289	0.27754	0.70972	0.50251	1.00881	0.76088	0.88174	0.92918	0.73117	0.84424	0.80788	0.86529	0.77209	0.64397	0.49249	0.3578	0.01824	-0.1654	-0.32969	-0.5447	-0.495	-0.35778	-0.03631	0.03322	0.39983
PF11750c	-1.00996	-1.00762	-0.61204	-0.35798	0.22371	1.24206	2.18149	2.65336	2.41553	1.77184	1.49032	0.70652	0.04431	-0.84748	-1.04931	-1.0212	-1.25088	-1.19343	-1.53658	-1.04073	-0.91533	-1.0012	-0.67515	
PF10140c	0.57744	0.69853	0.51489	0.55891	0.36289	0.30992	0.14568	-0.08714	-0.53841	-0.75027	-0.88856	-0.78918	-0.86987	-0.66318	-0.27111	0.16062	0.53884	0.36104	0.82242	0.76404	0.74624	0.64519	0.82623	0.53198
PF13_0339	0.88613	0.59716	0.31223	0.48006	0.46877	0.2834	0.13489	0.05579	0.02563	-0.03577	-0.05626	-0.01924	-0.13656	-0.16631	-0.37994	-0.40566	-0.54129	-0.68116	-0.23827	0.179	0.29548	0.4297	0.65914	0.81051
PF13_0061	-0.43463	-0.47802	0.63441	-0.15402	-0.16462	0.09097	0.05756	0.20576	0.34056	0.38145	0.53491	0.61336	0.71964	0.46518	0.6129	0.62379	0.22346	0.43236	0.58386	0.23698	-0.17584	-0.32821	-0.2452	-0.37135
MAL7P1.149	-0.64047	-0.73269	-1.38643	-0.87973	-1.10179	-0.81403	-0.49431	-0.43411	0.16652	0.35088	0.26973	0.35203	0.48902	0.70265	0.66541	0.71566	0.61844	0.36082	0.56301	0.18965	-0.12121	-0.28972	-0.31589	-0.70924
PFC0261c	-0.40426	-0.34817	-1.07119	-0.33714	-0.49449	-0.63863	-0.62411	-0.51055	-1.14398	-0.87668	-0.5129	-0.59002	-0.43835	-0.48304	-0.34723	-0.0643	-0.07295	-0.04749	0.56066	0.24862	-0.01437	-0.05207	0.06057	-0.1202
PFC0950c	-0.60559	-0.63414	-0.85128	-0.91141	-0.95128	-0.94957	-0.61935	-0.03848	0.24876	0.32924	0.72974	0.99189	0.80081	0.79476	1.01897	0.75992	0.27587	0.43509	0.63037	0.16703	0.07439	-0.18136	-0.41855	-0.62823
PF0385c	0.99159	0.5961	-0.10273	0.03726	0.03112	-0.44106	-0.60306	-0.30892	0.29224	0.47911	0.54322	0.4713	0.34547	0.19432	0.10016	-0.24876	-0.28054	-0.37692	0.27333	0.59571	0.93571	0.77742	0.	

MAL13P1.310	0.66195	0.83418	0.79619	0.79272	0.6005	0.56984	0.507	0.43202	0.30496	0.26368	0.05825	-0.11115	-0.13839	-0.08699	-0.2009	-0.0047	0.14907	0.25131	-0.01973	0.31547	0.38035	0.43233	0.39264	0.3382
PF1270w	-0.43073	0.07377	0.07655	0.02047	0.58029	-0.21836	-0.13241	0.37992	1.13865	0.99556	0.71993	0.71268	0.36932	0.04212	-0.49562	-0.97224	-0.98761	-1.65798	-1.81457	-1.34342	-0.84467	-0.8182	-0.24996	0.06329
PF13 0079	-0.12728	-0.16857	-0.14207	-0.50874	-0.51637	-0.64991	-0.74621	-1.07032	-1.30768	-1.19457	-1.45966	-1.46234	-1.36273	-1.0541	-0.29094	0.48137	1.33608	0.80092	0.92752	1.19461	1.21677	0.559	0.33646	-0.12407
MAL13P1.46	-0.6282	-0.27235	-0.33924	-0.50929	-0.36892	-0.25097	-0.04138	0.24314	0.72091	0.75856	0.95517	0.83567	0.87236	0.70798	0.40231	0.33813	0.1196	-0.23419	-0.3822	-0.64021	-0.86176	-0.78347	-0.95007	-0.67969
PFE0430w	-0.02759	0.28511	0.45451	0.36661	0.21699	0.28249	0.3349	0.13437	0.25001	0.41046	0.31089	0.36271	0.44868	0.46157	0.1818	-0.0657	0.17147	-0.06017	-0.65503	-0.3958	-0.2757	-0.09118	-0.09786	-0.03982
PFB0795w	-0.46434	-0.46598	-0.54831	-0.69739	-0.76921	-0.61543	-1.02783	-0.91929	-0.76114	-0.33516	0.08153	0.22794	0.61673	0.55113	0.67256	0.57223	0.43305	0.10304	0.30839	0.14135	-0.06866	-0.21644	-0.27013	-0.421
PFIO205w	0.19318	0.67709	0.85399	-1.12333	1.14825	1.05518	1.01995	1.05181	0.44411	0.0813	0.21722	-0.15387	-0.28086	-0.33873	0.35972	-0.42808	-0.18625	-0.31238	0.0977	0.26227	0.08645	0.77731	1.21994	1.33259
PFL1395c	-0.86973	-0.91655	-0.62913	-1.14281	-1.17478	-1.16108	-0.93935	-0.88019	-0.56945	-0.365	-0.26738	-0.18803	0.1396	0.38731	0.51122	0.53428	0.49539	0.63294	-0.38458	-0.03583	-0.12245	-0.3032	-0.63865	-0.85567
PF11 0332	-1.06226	-1.2475	-1.57351	-1.49224	-1.19898	-1.67258	-1.36733	-0.81985	-0.2479	0.00603	0.43701	0.68488	0.6892	0.57628	0.52926	0.46067	-0.06341	0.24373	0.02971	-0.1232	-0.55126	-0.9144	-0.80442	-0.91935
MAL8P1.114	0.95435	1.04744	0.52961	0.5557	0.76816	0.63007	0.32478	0.7324	0.42558	0.47159	0.54045	0.52914	0.55553	0.2945	0.4682	0.25607	-0.17888	0.1406	0.16365	0.07195	0.04729	0.10249	0.34687	0.64986
PFA0570w	-1.50414	-1.27152	-1.23551	-0.94401	-0.7577	-0.3601	0.05198	0.21644	0.35318	0.70219	0.71892	0.81409	0.95947	0.84302	0.58939	0.22102	0.10579	-0.03806	-0.53797	-0.74774	-0.89036	-0.78294	-0.91655	-0.79452
PFF0675c	0.60575	-0.02355	-0.38199	-1.12939	-1.72987	-2.07437	-2.45197	-2.85133	-3.18496	-3.6515	-3.59011	-3.87798	-3.96353	-4.16574	-3.71592	-2.48111	-0.50171	0.39309	0.80277	1.37525	1.66432	1.30045	1.27022	0.70015
PF13 0212	0.81865	0.62925	0.63188	0.37788	0.19256	0.13741	0.12169	0.01822	-0.05376	-0.1888	-0.00167	-0.02921	-0.09741	-0.20532	0.27918	0.13441	-0.15411	-0.10585	0.07191	-0.19534	0.08948	0.02199	0.10108	0.35867
PFL1620w	-0.28359	-0.11438	0.14212	-0.289	-0.53098	-0.379	-0.34177	-0.70723	-0.2552	0.25608	0.27239	0.48486	0.67459	0.82573	0.4268	0.18629	0.02626	0.03557	-0.10549	-0.61923	-0.59875	-0.11731	-0.43239	-0.41584
PFB0200c	-0.03841	0.2131	0.47069	0.58423	0.64796	0.75528	0.62001	0.53658	0.51464	0.50453	0.74388	0.64431	0.7115	0.39592	0.15964	-0.09632	-0.39951	-0.40009	-0.68819	-0.8887	-1.00313	-0.79145	-0.63673	-0.35826
PFF0950w	-0.88006	-0.61294	-0.31952	-0.39458	-0.34814	0.08682	0.58758	0.11954	0.87936	0.88387	0.82266	0.68556	0.78332	0.77192	0.56308	0.3149	0.34512	-0.03481	-0.44425	-0.53369	-0.40061	-0.76039	-0.70773	-0.73589
PF14 0276	-0.0885	0.28133	0.50053	0.59295	0.57264	0.72569	0.46429	0.20644	0.04903	0.08639	0.46693	0.54131	0.55425	0.40938	0.55222	0.46137	-0.01795	0.1699	0.27592	-0.21436	-0.29682	-0.266	-0.14201	0.06782
PFL0230w	0.53035	0.9024	1.24894	1.00272	1.28537	1.47475	1.3383	1.53925	1.30269	0.99523	0.83489	0.59485	0.38171	0.2286	0.21497	-0.08038	-0.46432	-0.28312	-0.60784	-0.73007	-0.9136	-0.58169	-0.2767	0.29334
MAL7P1.10	-0.13112	0.4129	0.38291	0.31148	0.34638	0.43915	0.53873	0.62973	0.77794	0.6628	0.71819	0.65954	0.41304	0.05493	0.14263	-0.18555	-0.2015	-0.3129	0.01965	-0.3421	-0.4897	-0.32343	-0.26959	-0.01084
PFD0495c	0.88647	0.29974	0.34484	0.3088	0.29803	0.39587	0.49971	0.63166	0.14301	-0.38358	-0.82977	-1.04609	-1.54487	-1.41822	-1.7228	-1.51426	-0.77082	-0.68125	1.24729	1.07262	1.15637	0.80835	1.30529	1.59522
PFE0505w	0.18587	0.1984	0.05628	0.09573	0.13828	0.16547	0.06402	0.21624	0.30622	0.44111	0.55107	0.46335	0.35637	0.14928	0.30358	0.28581	0.19389	0.26758	0.23613	-0.0133	-0.09728	-0.15492	-0.20281	-0.09341
PF11 0201	0.28164	0.35436	0.23235	0.50887	0.38672	0.44177	0.30381	0.19472	0.12385	0.10563	-0.00015	0.03483	0.16589	0.41831	0.26234	0.2426	0.25212	0.07006	-0.09145	-0.01623	-0.03026	-0.09128	-0.21095	-0.14516
PFC0520w	-0.83635	-0.62905	-0.07988	-0.38554	-0.39989	-0.12004	-0.12001	-0.08501	-0.2331	-0.10645	0.27044	0.25487	0.37318	0.12092	0.47849	0.43474	0.22757	-0.1439	0.4629	-0.2403	-0.48848	-0.47037	-0.63569	-0.53847
PF11 0301	-1.08677	-0.7743	-1.26234	-1.23466	-1.30256	-0.42005	-0.33774	0.50113	0.12793	0.82249	0.4934	0.18214	0.53968	0.47935	0.32546	0.1595	-0.7528	-0.52508	-1.1747	-1.20028	-1.66144	-1.94863	-1.5079	-1.649
PFL0395c	-0.58637	-0.59399	-0.03956	-0.519	-0.50021	-0.40857	0.04431	0.0662	1.19484	1.20982	1.17966	1.03212	0.84914	0.70842	0.48345	0.20375	-0.07762	-0.17836	-0.16039	-0.35792	-0.47965	-0.29927	-0.32041	-0.27015
PF14 0405	-0.37419	-0.45684	-0.49303	-0.65026	-0.62288	-0.62129	-0.81412	-0.76691	-1.29424	-0.8533	-0.67145	-0.43891	0.11327	0.54186	0.66692	0.58463	0.91789	0.67132	-0.15572	0.47516	0.25275	0.06652	-0.14503	-0.31944
PFE0915c	-1.22088	-1.13306	-1.00416	-1.08643	-1.1138	-0.76313	-0.63953	-0.26423	-0.45012	-0.16839	0.20659	0.34541	0.48726	0.35076	0.76313	0.70709	0.58446	0.35454	0.1308	-0.45585	-0.70472	-0.9806	-1.14294	-1.11866
PF10 0307	0.41936	0.26186	-0.24161	-0.14077	-0.12302	0.14653	0.86523	0.88521	0.58709	0.28103	-0.0313	-0.25565	-0.15138	0.04609	0.03519	0.14745	0.32361	0.70218	0.48512	0.76699	0.96306	0.55077	0.62616	0.67034
PF11 0096	-0.26599	0.33331	-0.07577	-0.09768	-0.1154	-0.26224	-0.3184	-0.14013	-0.26774	-0.08862	0.23073	0.25264	0.31774	0.25123	0.48349	0.35464	0.32329	0.05326	-0.56276	-0.99861	-1.09408	-0.91738	-0.97987	-0.83553
PFA0180w	0.01436	-0.06979	-0.10435	0.02232	0.25607	0.43101	0.61887	0.57833	0.83966	0.77285	0.49111	0.57046	0.48137	0.73784	0.14748	-0.10898	-0.05237	0.08741	-0.80694	0.04192	0.02855	-0.20435	-0.20044	-0.10313
MAL13P1.301	0.1941	0.39246	0.65887	0.43714	0.59842	0.46102	0.59723	0.39935	0.44187	0.55443	0.48617	0.59264	0.46055	0.50129	0.3495	0.24663	0.06083	0.17064	-0.24943	0.00147	0.06795	0.31725	0.28824	0.48821
MAL7P1.117	-0.84344	-0.72352	-0.41799	-0.60242	-1.0752	-0.50203	-0.26164	-0.11709	0.08639	0.03759	0.43432	0.32176	0.64584	0.48806	0.6507	0.68414	-0.19769	0.23726	-0.1387	-0.51095	-0.77646	-0.91835	-1.15238	-1.05663
PF11 0425	-1.24042	-1.31839	-1.34976	-1.68352	-1.76883	-2.00498	-2.03625	-1.92197	-2.02451	-1.18293	-0.52003	0.05406	0.44478	0.61224	0.93632	0.74604	0.85257	0.41681	-0.12349	-0.14033	-0.37222	-0.68719	-0.94853	-1.13809
PF14 0659	0.10544	0.3891	0.43862	0.55918	0.61663	0.77962	0.68253	0.72247	0.56773	0.52563	0.5042	0.39079	0.24709	0.28411	0.38001	0.30603	0.01411	0.03263	-0.00185	-0.11181	-0.22469	-0.20971	-0.08326	0.34659
MAL13_tRNA_GI y1	0.09843	1.46876	-0.11889	-0.01751	-0.31875	0.44338	-0.36749	0.39015	0.37638	-0.13484	-0.33284	-0.51128	-0.54303	-0.66469	-0.14661	-0.08764	-1.19032	0.76689	0.28143	0.31377	0.27195	1.53919	0.42866	0.1662
MAL13P1.140	-0.68171	-0.62609	-0.34367	-0.70075	-0.99926	-1.08044	-0.85993	-1.35226	-0.87536	-1.03667	-1.00889	-0.59686	0.01553	0.55497	0.63827	0.7511	0.76135	0.77275	0.08126	0.49947	0.26926	-0.13247	-0.44051	-0.70398
PF14 0734	1.68499	1.79215	1.16685	1.38665	0.95392	0.67478	0.24782	0.23684	0.0578	-0.35475	-0.35856	-0.73802	-1.34403	-1.7624	-1.96724	-2.35183	-3.25797	-2.38888	-0.03438	0.81494	1.08644	1.16606	1.48687	1.70381
PF08 0065	0.95096	1.29664	1.20207	1.43702	1.43461	1.35915	1.23469	1.12933	0.81998	0.66642	0.57083	0.15945	-0.08036	-0.38841	-0.53088	-0.59511	-0.81818	-0.91069	-0.22154	-0.33634	-0.002	0.35502	0.60865	0.75673
PFO7 0005	1.45583	0.80406	0.58706	0.58772	0.84883	0.76006	0.73765	0.68713	-0.16898	-0.71687	-1.12152	-1.74267	-2.17892	-2.36703	-2.48206	-2.60402	-2.19143	-2.09327	0.63117	0.92168	1.22082	0.8689	1.20826	1.77413
PF11 0036	-0.32193	-0.42152	-0.29522	-0.24723	-0.15542	-0.04248	0.17207	0.4397	0.68248	0.63087	0.62785	0.47397	0.35943	0.03055	0.20293	-0.07807	-0.056	-0.28324	0.39899	-0.01663	0.01759	-0.21654	0.02476	0.33794
PFE0730c	0.23393	0.31155	0.43249	0.30529	0.65991	0.61694	0.63508	0.88734	1.09274	0.7537	0.85063	0.94834	0.65987	0.21353	0.14882	0.12202	-0.25223	-0.39148	-0.08543	-0.4				

PFL2050w	0.05563	0.27549	1.24021	1.07716	1.07766	1.46437	1.3755	1.36423	1.24934	1.03983	1.0772	0.74037	0.65805	0.46428	0.18558	-0.02583	-0.09301	-0.29385	-0.60893	-0.7327	-0.9165	-0.48691	-0.43016	-0.12175
PFI0810c	-0.6152	-0.76041	-0.28087	-0.34538	-0.31255	-0.21286	0.02697	0.38393	0.51152	0.26973	0.69453	0.68068	0.74304	0.59818	0.63738	0.48568	0.26841	0.44828	0.3707	0.07641	-0.12045	-0.38795	-0.42349	-0.15649
MAL13P1.53	0.99987	1.48831	1.20187	1.1772	1.3842	1.29491	1.12201	1.45757	1.19008	0.96536	1.01602	0.69483	0.29761	0.0285	-0.1548	-0.36872	-0.45832	-0.51442	-0.46252	-0.86632	-0.4670	-0.0856	0.2606	0.59975
MAL13P1.302	0.43371	0.26559	0.44109	0.34817	0.35961	0.2957	0.13285	0.04024	0.14889	0.10901	0.11798	0.19114	0.22037	0.35246	0.16727	0.11962	-0.04435	-0.2007	-0.19082	0.00878	-0.06729	0.07943	0.23933	0.38916
MAL7P1.93	-0.00721	-0.5205	-0.70918	-0.53833	-0.52145	-0.44084	-0.25176	0.08822	0.05108	-0.28584	-0.07799	-0.10308	0.04208	-0.16188	0.19002	0.31361	0.35506	0.19614	0.83539	0.45881	0.52337	0.27552	0.26235	0.32301
PFA0165c	0.52123	0.70382	0.78158	0.95082	0.78881	0.90664	0.72509	0.51934	0.64829	0.43412	0.25704	0.18052	0.19006	0.05338	0.0566	-0.16827	-0.2186	-0.04309	0.02749	0.29581	0.49205	0.37711	0.57893	0.65194
PFL1450c	0.67928	0.53035	0.52483	0.78575	0.83229	0.73016	0.77598	0.76697	0.33338	0.08442	0.08448	-0.03034	-0.13008	-0.14281	-0.2837	-0.24199	0.0549	0.11319	0.89268	0.73823	0.9039	0.78852	1.11537	1.00975
PF11 0362	0.34858	0.59061	0.53822	0.78278	0.94874	1.12526	0.91453	0.56709	-0.13475	-0.79803	-1.26491	-1.93981	-2.1468	-2.03175	-1.17098	-0.21407	0.44761	-0.04849	0.69482	0.31377	0.50961	0.35899	0.34472	0.30787
PFL1550c	0.24055	-0.09725	-0.52023	-0.36246	-0.47617	-0.98694	-1.01218	-1.19301	-1.77558	-1.65562	-1.66485	-1.64779	-1.64522	-1.91264	-1.63419	-1.49331	-0.59237	0.15409	1.10706	1.14165	1.03531	0.91114	1.16275	1.25947
PF0995c	0.49043	0.0281	-0.26569	-0.38708	-0.67134	-0.78401	-1.04609	-1.27101	-1.68031	-0.98131	-2.00783	-1.91483	-2.18584	-2.34516	-1.43464	-0.8909	0.06916	0.39096	1.09551	1.14194	1.06518	1.01886	0.96838	0.33633
PF14 0229	0.44289	0.99583	0.85704	0.55519	1.12593	1.11621	0.63735	0.6044	0.70369	0.44545	0.42329	0.26776	0.38126	0.44261	0.26987	-0.09227	0.03038	0.08389	-0.42084	-0.28777	-0.33446	-0.1255	-0.09139	0.09737
PF13 0040	-0.01171	-0.35165	-0.53297	-0.70166	-0.69458	-0.87167	-0.83804	-0.71846	-0.59531	-0.71194	-0.51861	-0.30321	-0.21482	-0.18086	0.01578	0.22703	-0.01386	0.48227	0.4707	0.43266	0.36451	0.32455	0.08773	0.05997
MAL8P1.88	1.69137	1.60493	1.37203	1.743	1.85808	1.11083	0.51388	0.32852	-0.85253	-1.15598	-1.30881	-1.71438	-2.03461	-2.2575	-2.18259	-2.43393	-3.46722	-1.96715	-0.60108	0.60496	1.20078	1.12285	1.71671	2.09118
PFC0300c	-0.35888	1.14745	0.19717	0.44006	0.37738	0.61818	0.22299	0.41559	0.55386	0.33254	0.46644	0.51232	0.28537	0.2473	-0.02621	-0.1371	-0.92519	-0.79654	-1.1987	-1.51192	-1.35253	-0.97182	-0.8507	-0.71827
PFD0872w	0.29243	0.30431	0.25346	0.03078	0.16886	0.05958	0.07713	-0.14965	-0.10682	0.21884	0.05742	0.20576	0.09454	0.20019	0.15893	0.28877	0.54143	0.52345	0.17044	0.59483	0.5875	0.7082	0.5574	0.28657
PF14 0375	-0.34542	-0.35699	-0.38723	-0.40736	-0.51193	-0.66385	-0.66438	-1.04572	-1.3713	-1.3569	-0.75932	-0.70878	-0.20713	-0.07314	0.41842	0.53752	0.36215	0.61633	1.16283	0.71558	0.61522	0.29298	0.35915	0.27626
PFL1735c	0.05716	0.21114	0.34312	0.26938	0.26965	0.32055	0.38448	0.42387	0.4017	0.46268	0.53035	0.43953	0.53256	0.42906	0.43938	0.25999	-0.04848	-0.20002	-0.45706	-0.61503	-0.613	-0.33712	-0.4387	-0.20124
PFF1045w	-0.34687	-0.38768	-0.11011	-0.23761	-0.1146	0.09273	0.34248	0.46871	1.06044	1.148	0.96583	0.88765	0.84122	0.72485	0.31496	0.12872	-0.07936	-0.16678	-0.36634	-0.43125	-0.39398	-0.34905	-0.45941	-0.38904
PF10 0179	0.71514	0.70968	0.6929	0.53975	0.51564	0.29193	0.23733	0.36251	0.76369	0.68349	0.61247	0.37782	0.12032	-0.27912	-0.6124	-0.7094	-0.6595	-0.40162	-0.5072	0.09747	0.22139	0.21292	0.42089	0.44159
MAL8P1.32	-1.71297	-1.62684	-1.41223	-1.59707	-1.37313	-1.13985	-0.49101	0.27853	1.09477	1.23292	1.23385	1.23389	1.07715	0.85257	0.51234	0.14335	-0.39774	-0.28459	-0.54965	-0.95661	-1.33181	-1.42082	-1.52606	-1.55464
PFL0285w	-0.34856	-0.42014	-0.702	-0.29752	-0.32286	-0.04541	-0.04457	0.23202	0.6359	0.34958	0.50869	0.53304	0.12246	0.08347	0.04785	0.17317	0.14091	0.04729	0.18974	-0.00815	-0.20626	-0.39115	-0.33136	-0.32149
PFL1335w	-0.2653	-0.75987	-0.97981	-0.85008	-0.92671	-0.87105	-1.01113	-1.23092	-0.77081	-0.79707	-0.51129	-0.21211	-0.0521	0.20353	0.36152	0.66024	0.6678	0.9014	0.78256	0.71486	0.52974	0.24063	0.06765	-0.30082
PF14 0029a	0.83668	-0.08569	0.02371	-0.31921	-0.29194	-0.37606	-0.4237	-0.36588	0.04238	0.25476	0.08211	0.31588	0.05481	0.05917	-0.19571	-0.12549	-0.09368	0.37321	0.63763	1.04967	1.17339	0.72778	0.95805	1.33275
PF10 0053	0.55696	0.51617	0.38555	0.29668	0.12718	0.30488	0.29301	0.4163	0.3277	0.4864	0.31605	0.35252	0.26751	0.33396	0.21107	0.1056	-0.01935	0.37794	-0.07678	0.03422	0.26047	0.1989	0.22403	
PF10 0205	0.6345	0.86553	0.48653	0.86097	0.69377	0.57647	0.40824	0.20916	-0.12195	0.04058	0.03962	0.03442	0.13792	0.1968	0.31061	0.06344	0.22422	-0.14611	-0.15686	0.1229	0.1495	0.16553	0.32426	0.38926
PFE0985w	-0.15632	0.12405	0.64729	0.86901	0.80362	0.99545	0.87438	0.771	0.84597	0.81409	0.8379	0.88224	0.79047	0.64769	0.52631	0.43411	-0.03872	-0.07549	-0.16922	-0.39406	-0.60525	-0.61397	-0.5424	-0.22283
PFL1890c	0.39393	0.24805	0.16624	0.39675	0.4469	0.37438	0.23993	0.44505	0.40169	0.29705	0.25536	0.11036	-0.02343	-0.08344	-0.25674	-0.11038	0.08381	-0.03611	0.57109	0.34856	0.44114	0.22535	0.36818	0.58415
PFF0755c	0.3358	0.68384	0.06826	0.97997	0.90485	0.97589	0.83544	0.6924	0.59487	0.72107	0.64926	0.59884	0.57818	0.49697	0.27048	0.09034	0.23185	-0.15556	-0.24423	-0.33635	-0.24008	-0.09994	-0.13378	-0.04328
PFE0675c	-0.94836	-0.90699	-1.07888	-1.02054	-1.2941	-1.09327	-0.97411	-0.7485	-0.31821	-0.07877	0.19863	0.35222	0.56184	0.55411	0.58061	0.37001	0.27052	0.20878	-0.43866	-0.66078	-0.6126	-0.35309	-0.55149	-0.61198
PF07 0091	0.13249	0.25226	0.53313	0.44994	0.42874	0.5041	0.39627	0.48026	0.2051	0.33236	0.3734	0.20076	0.01326	-0.31252	-0.25953	-0.38054	-0.59557	-0.40675	-0.3775	-0.37805	-0.46212	-0.44199	-0.25382	-0.10319
PFE1215c	0.61262	0.5466	0.55361	0.89229	0.68354	0.81974	0.66012	0.69183	0.73806	0.50767	0.62513	0.78933	0.17913	0.07941	-0.21428	-0.20098	-0.68093	-0.54516	-0.13529	-0.50946	-0.29387	-0.02756	0.19466	0.17632
PF14 0544	-0.42865	-0.28605	0.07185	0.69273	1.13091	1.63422	1.86794	1.51831	1.17047	0.61687	0.29067	-0.0599	-0.2307	-0.24549	-0.24036	-0.33817	-0.28702	-0.07946	-0.01635	-0.01978	0.16641	-0.03635	-0.11441	0.10723
PFL0715w	-0.57388	-0.3769	0.06773	-0.06815	0.26722	0.1199	0.27809	0.19177	0.2223	0.34258	0.47189	0.51893	0.46277	0.25887	0.24498	0.19114	0.19815	0.16227	0.38635	0.48424	0.68536	0.3401	0.87944	1.02154
PFI0245c	-0.01893	-0.10064	-0.21054	-0.17705	-0.07385	-0.18088	-0.29394	-0.29153	-0.06997	0.31091	0.48504	0.74991	0.62937	0.6565	0.67367	0.62214	0.49099	0.31513	0.57292	0.35915	-0.19592	-0.34386	0.12846	-0.18033
PF13 0143	-0.62101	-0.12367	-0.00415	0.03579	0.0376	-0.03825	-0.0437	0.15518	0.36847	0.37001	0.50834	0.55801	0.60969	0.36573	0.26674	0.01976	-0.46719	-0.70852	-1.01077	-1.3419	-1.47552	-1.17385	-1.17347	-0.90371
PFC0886w	-1.15574	-1.31058	-1.26506	-1.83285	-1.90213	-1.88474	-1.65307	-1.16853	-0.10516	-0.51811	-0.0749	0.25199	0.61536	0.61434	0.82773	0.74565	0.15146	0.62028	0.26127	-0.18468	-0.58423	-0.74443	-0.75951	-0.76434
MAL8P1.24	-0.19653	-0.82582	-1.39842	-0.42663	-0.4415	0.21695	0.68145	0.83329	1.27353	1.235	1.00151	1.1627	0.73496	0.61559	0.1245	-0.0945	-0.11752	-0.37861	-0.288	-0.11623	-0.10476	-0.14107	0.19641	0.2108
MAL7P1.83	-0.63242	-0.6904	-0.59687	-0.72345	-0.86937	-0.66381	-0.2846	-0.0147	0.07441	0.36349	0.73441	0.75794	0.81501	0.80562	0.78824	0.6974	0.52858	0.14284	0.15363	-0.19729	-0.35367	-0.43572	-0.68121	-0.82357
MAL13P1.92	-0.64019	-0.0274	0.26777	0.24015	0.35922	0.06472	0.06347	0.29517	0.29407	0.55452	0.66698	0.49563	0.34302	0.46596	0.24178	-0.01393	-0.31589	-0.63904	-1.32732	-1.87162	-1.51267	-1.23031	-1.16446	-0.86012
MAL7P1.91	-0.55531	-0.7112	-0.90009	-0.66595	-0.57295	-0.51034	-0.56425	-0.83639	-0.73632	-0.2205	0.00217	0.31093	0.6516	0.8726	0.71333	0.53366	0.55932	0.52297	-0.34089	0.01551	-0.13868	-0.16224	-0.23033	-0.31473
PF11 0053	0.08218	0.36827	0.44941	0.57188	0.57344	0.75532	0.72552	0.59227	0.37429	0.12437	0.09692	-0.08806	0.09878	0.18481	0.2915	0.22313	0.13567	-0.15587	-0.23346	-0.37774	-0.2263	-0.1		

MAL13P1.352	0.24173	0.57093	0.24458	0.86709	0.61546	0.8011	0.72947	0.61942	0.89414	0.77064	0.76985	0.6499	0.57792	0.45528	0.30641	0.06384	-0.20996	-0.38466	-0.35244	-0.86617	-0.71314	-0.44543	-0.30849	-0.08021
PF10 0149	-0.00718	0.28285	0.39843	0.61079	0.63041	0.69457	0.74148	0.719	1.03978	1.14416	1.10721	1.16194	0.84357	0.40123	0.08948	-0.26524	-0.73999	-0.89557	-0.87653	-1.17043	-1.00563	-0.56523	-0.50682	-0.38562
PF07 0028	0.18444	0.37964	0.97087	0.84661	0.72433	0.58907	0.41269	0.17205	0.23412	0.36275	0.30113	0.37492	0.32213	0.28472	0.082	-0.08334	-0.88574	-0.06582	-0.12184	0.03386	0.22419	0.32938	0.58435	0.85162
PF11 0065	-0.49427	0.07073	0.23596	0.34041	0.33222	0.63482	0.374	0.59684	0.55081	0.72226	0.3683	0.87603	0.66363	0.43145	0.20365	-0.07324	-0.62287	-0.37751	-1.09887	-1.92115	-1.87435	-1.49667	-1.34473	-1.1341
PFA0310c	-0.4521	-0.25123	-0.17716	-0.14618	-0.12308	-0.2911	-0.32651	-0.41443	-0.36364	-0.08794	-0.01571	0.0705	0.35275	0.47804	0.61948	0.64646	0.49298	0.14712	-0.00298	-0.29194	-0.40891	-0.3109	-0.49858	-0.54275
PFL0190w	1.35053	0.80366	0.21224	0.9598	0.70278	1.04742	0.65213	0.94963	0.89592	0.4144	0.27961	0.25605	-0.10347	-0.12483	-0.30294	-0.2396	-0.6265	0.12563	1.06171	0.76955	0.94734	0.87427	1.01664	0.9715
PFE0515w	0.97632	1.43514	1.24037	1.40767	1.4048	1.49379	1.32063	1.32937	1.06364	0.93984	0.86317	0.71905	0.47897	0.34409	0.166	-0.07181	-0.56909	-0.58111	-0.42815	-0.71736	-0.58108	0.22766	0.33001	0.51529
PF08 0108	1.4559	0.70959	0.2084	-0.53295	-0.98794	-1.21621	-1.68457	-2.58261	-3.15494	-3.82165	-3.84041	-3.68481	-4.74079	-4.83171	-4.56067	-3.46273	-1.95433	-0.64023	1.46228	0.9254	1.34264	1.69372	1.35223	1.61707
MAL13P1.266	-0.33158	-0.38907	-0.37851	0.18391	0.44071	0.33039	0.32636	0.31539	-0.3608	0.20841	0.19639	0.26514	0.42945	0.57007	0.39587	0.38148	0.30042	0.25408	-0.05884	-0.11748	-0.35711	-0.58461	-0.67587	-0.57821
PFL1260w	0.62365	0.61884	0.46335	0.56545	0.83387	0.97745	0.95871	1.13141	0.95378	0.70343	0.61316	0.36914	0.33171	0.12018	0.11536	0.10912	0	-0.03112	0.13995	-0.00974	0.19469	0.35075	0.33647	0.4549
PF14 0431	-0.04599	-0.02479	0.14781	0.1943	0.43358	0.96575	1.32871	1.36007	1.09073	0.8036	0.66804	0.23758	-0.07012	-0.4964	-0.799	-1.11479	-0.99162	-1.21416	-0.23785	-0.46255	-0.16364	-0.27071	0.07995	0.23425
MAL7P1.229	0.19601	-0.3558	-0.96506	-0.80198	-1.10585	-1.26557	-1.58394	-1.8111	-2.06313	-2.36322	-2.41183	-2.30946	-2.25082	-1.49573	-0.52308	0.47805	0.99636	0.89563	1.62529	1.42546	1.33568	0.95517	0.79942	-0.0834
PF14 0493	-0.98681	-1.17145	-1.55701	-1.84541	-1.74111	-1.90116	-1.27852	-0.73854	-0.54388	-0.47947	-0.12419	-0.0247	0.40586	0.45555	0.88084	0.85271	0.55004	0.70149	0.0277	-0.1929	-0.48341	-0.56925	-0.96494	-1.01301
PF11 0062	-0.56284	-0.63389	-0.52613	-0.8843	-0.81677	-0.7104	-1.07319	-1.17199	-0.7767	-0.6443	-0.32606	0.36666	0.96863	1.29948	0.80538	0.806	0.26855	0.87781	0.80351	1.54951	0.23383	-0.12566	-0.32938	-0.26134
PFL0405w	1.01706	0.84764	0.97294	1.02138	0.889	0.79047	0.85787	0.7726	1.09934	1.00572	0.82784	0.68241	0.42519	0.24981	-0.3149	-0.57929	-0.70467	-0.71426	-0.84027	-0.43797	-0.11462	0.10462	0.32201	0.46067
PFC0535w	-0.35006	-0.02431	0.1864	0.21257	-0.01505	0.39135	0.18368	0.28716	0.54917	0.42759	0.53384	0.635	0.29152	0.13447	0	-0.17265	-0.92928	-0.67315	-0.91135	-1.42939	-1.38504	-0.96314	-0.72987	-0.7424
PFL1375w	0.64767	0.80692	1.11873	1.10754	1.02096	1.17651	1.0687	1.10708	0.94459	0.87664	0.66971	0.63035	0.49795	0.37652	0.22898	0.0929	-0.15894	-0.28073	-0.20016	-0.14401	-0.1466	0.20093	0.37137	0.25474
PF14 0574	1.85358	1.34584	0.70742	1.73985	1.61421	1.31906	1.09544	1.19968	0.62192	0.19318	-0.03703	-0.09409	-0.30291	-0.50028	-0.76568	-0.84886	-1.88058	-1.17746	0.93449	1.10529	1.40722	1.26137	1.59125	1.21738
PF14 0477	0.43454	0.74303	0.55303	0.84012	0.92563	0.82599	0.53844	0.45675	0.17798	-0.04659	-0.14827	-0.23125	-0.30718	-0.49274	-0.32271	-0.35932	-0.41497	-0.39153	-0.21011	-0.22732	-0.10537	0.01721	0.11573	0.20772
MAL13P1.337	-0.79462	-0.50589	-0.2614	-0.79613	-0.58592	-0.42772	-0.55178	-0.17498	-0.03188	0.15122	0.65212	0.72926	0.88648	0.59075	0.84265	0.56705	0.12239	0.06724	0.10437	-0.58945	-0.64193	-0.78774	-0.77868	-0.66187
PFC0355c	0.94399	0.17826	-0.38788	-0.87908	-1.18729	-1.86129	-2.09601	-2.3418	-2.94887	-3.25811	-3.36053	-3.61451	-3.91285	-4.05531	-3.51253	-2.65149	-1.29648	0.20371	1.59727	1.31112	1.30699	1.08043	1.24267	1.11384
PF14 0522	-0.00764	-0.09061	-0.64636	0.66895	0.81412	1.01501	0.78432	0.92999	0.66223	0.10909	0.35142	-0.07972	-0.08869	-0.08073	-0.10232	-0.15591	-0.19537	0.19962	0.66472	0.621	0.88761	1.05586	1.48084	1.46046
MAL7P1.141	0.71305	0.22867	-0.6684	-1.47781	-1.90501	-2.64432	-3.02238	-3.63361	-4.57042	-4.95708	-4.99592	-5.38561	-5.56474	-5.7782	-4.55163	-3.29171	-1.29222	-0.63391	1.53983	1.55625	1.23714	0.51087	1.5263	1.71013
PF11 0369	-0.37937	0.1447	0.59888	0.20514	0.31583	0.44664	0.45819	0.83814	0.56132	0.68582	0.91437	0.62784	0.57419	-0.00119	0.15303	-0.17771	-0.31854	-0.66717	-0.4702	-0.67345	-0.56845	-0.36271	-0.15317	0.05693
PFE1185w	1.61212	1.63663	1.3741	1.97801	1.95567	1.72761	1.54918	1.13522	0.52958	0.0898	-0.08859	-0.1206	-0.12099	0.0396	0.12632	0.08416	-0.12923	-0.02079	-0.12769	-0.00348	1.37475	0.45258	0.71955	0.7995
PF11 0508	-1.04234	-2.37097	-1.37198	-1.53794	-1.3972	-1.07617	-0.72887	-0.14426	0.42472	0.81198	1.32771	0.7188	1.08316	0.84882	0.26722	-0.29453	-0.44078	-1.12418	-2.13593	-2.14658	-2.66309	-2.61665	-2.61321	-2.61638
PFC10 API0038	-0.5078	-1.0839	-0.968	-1.48014	-1.13183	-1.40096	-1.40396	-1.23884	-1.01198	-0.79366	-0.84109	-0.45123	-0.41161	0.03925	0.13307	0.65822	0.57914	1.06303	-0.02809	0.24188	0.05236	0.7922	0.01364	-0.19372
PF14 0140	0.62085	0.28394	0.147	-0.03796	0.00539	-0.17753	-0.33927	-0.28323	-0.5196	-0.51479	-0.5898	-0.59437	-0.88569	-0.99559	-0.89299	-0.69574	-0.50062	-0.26655	0.63567	0.46201	0.51382	0.41683	0.5807	0.82746
FFF1000w	0.71754	0.66951	0.71368	0.75505	0.80654	0.84714	0.64378	0.63278	0.8289	0.34999	0.47878	0.30928	0.30431	0.26443	0.19491	0.04274	0.09543	0.0204	0.46813	0.31633	0.24681	0.18641	0.48886	0.38489
PF11 0540a	0.12129	0.21584	0.49908	0.18814	0.47669	0.35217	0.18218	0.07751	-0.11709	0.10492	0.1269	0.11681	0.15309	0.0994	-0.09499	-0.19384	0.50968	0.01533	0.0787	0.43967	0.75817	0.649	0.92804	0.97671
PF10 0315	-0.58092	-0.43302	-0.24332	-0.22875	-0.08582	-0.17847	0.19565	0.62551	0.61584	0.79871	0.80165	0.85378	0.61869	0.46955	0.13214	-0.15524	-0.21586	-0.38042	-0.47634	-0.36397	-0.248	-0.31751	-0.23208	-0.14587
PF08 0127	0.31054	0.92767	0.70244	0.75443	0.60802	0.50568	0.53887	0.60432	0.74014	0.84365	0.48046	0.53407	0.38827	0.29049	0.05548	-0.49337	-0.30817	-0.73392	-0.81707	-0.72757	-0.67397	-0.00038	0.19652	0.41593
PF10 0127	0.41009	0.14495	-0.03976	0.20519	0.31933	0.0703	0.22263	0.55576	0.35845	0.15702	0.06668	-0.00374	-0.42869	-0.64417	-0.37751	0.03095	0.24944	0.50518	0.73069	0.65358	0.64178	0.44559	0.47828	0.49023
PFB0635w	-0.04211	0.2569	0.1346	0.44693	0.41552	0.43441	0.49801	0.80004	0.94061	1.12658	1.35225	1.33559	1.00165	0.54447	0.15185	-0.25701	-0.89642	-0.86183	-1.02638	-1.18488	-0.90785	-0.60714	-0.49682	-0.27616
PF08 0088	0.22592	0.40246	-0.17105	0.5755	0.64508	0.33036	0.1833	0.50883	0.19543	0.21302	0.15738	-0.03567	0.02833	-0.05668	0.05211	0.19924	0.27464	0.47025	1.14249	0.64846	0.72212	0.29165	0.40658	0.28731
PF14 0761	2.0652	1.88142	1.31656	1.44926	1.35234	0.99224	0.49615	0.20197	-0.63966	-1.0072	-1.13469	-1.18634	-1.44485	-1.566	-1.12878	-1.64728	-1.19802	-1.37156	0.17442	0.89047	1.22408	1.27621	1.69516	1.72786
PFB0575c	0.02582	0.01163	0.4314	0.23584	0.38845	0.8554	1.0033	1.11834	0.92039	0.75774	0.68952	0.67713	0.61969	0.4777	0.44382	0.2923	0.21285	0.16221	0.04284	-0.0204	-0.23296	-0.15705	-0.07767	0.04998
PFB0815w	-0.16348	-0.91402	-1.00698	-1.27624	-1.7284	-2.02245	-2.23179	-2.37043	-2.75879	-3.09245	-3.03509	-2.98303	-2.73349	-2.45312	-1.23272	-0.30411	0.4407	0.29391	1.37502	1.26507	1.01966	0.6101	0.87186	0.65414
PFL1835w	1.05157	0.67626	0.30303	0.23539	-0.17518	-0.28764	-0.30413	-0.56988	-0.21186	-0.34095	-0.63124	-0.62234	-0.74378	-0.98839	-1.46635	-1.66772	-1.15385	-0.77902	0.18829	0.7212	0.9847	1.05876	1.31647	1.03588
PF10 0098	1.01615	1.04278	0.51236	0.90602	0.86342	0.36275	0.01671	0.11869	-0.39348	-0.50491	-0.55986	-0.68894	-0.76535	-0.87131	-0.84346	-0.81057	-1.03098	-0.68348	-0.34933	0.35456	0.78369	0.70004	1.08701	1.38821
PFE0635c	-0.62285	-0.23153	-0.16603	0.22466	0.46926	0.81936	0.85601	0.96383	1.33858	1.29058	1.28654	1.11804	0.9798	0.62615	0.36479	0.05822	0.0341	-0.32335	-0.58883	-0.60419				

PF10 0246	-0.8544	-1.22014	-0.92336	-0.68264	-0.61858	-0.23877	0.3094	0.33225	0.79429	0.65056	0.63377	0.70228	0.74004	0.78255	0.70704	0.55593	0.36711	0.12754	0.0736	-0.35844	-0.72052	-0.80463	-0.91784	-0.99976
PFIO370c	-0.19143	0.25862	0.35201	0.29891	0.04528	0.28343	0.40214	0.33887	0.26694	0.22718	0.33151	0.41485	0.20533	-0.16116	-0.06865	-0.0535	-0.29393	-0.26673	-0.17479	-0.6518	-0.58158	-0.28444	-0.55501	-0.41924
PF08 0107	0.64309	0.73077	0.84554	0.58285	1.2206	0.48089	0.79698	0.75785	0.98636	0.88892	0.46886	0.7808	0.53306	0.46776	0.30258	0.12735	-0.1931	0.19367	0.29842	0.16613	0.13112	-0.04179	0.05708	0.28817
MAL8P1.25	0.22727	0.37537	0.35278	0.74677	0.19076	0.13223	0.69619	0.79018	0.62952	0.3273	0.29688	0.3907	0.25991	0.1517	0.08824	0.0728	0.34246	-0.00127	0.23642	0.20587	0.46307	0.58798	0.67989	0.76719
PF14 0681	-0.19271	-0.66914	-0.76532	-1.07697	-1.27888	-1.2743	-1.4289	-1.48073	-1.56016	-1.45865	-1.23802	-0.86753	-0.45299	-0.20488	0.33429	0.71213	0.79603	0.53958	1.22213	0.63872	0.62633	0.4521	0.44937	0.04517
PFE0450w	-1.20909	-1.30273	-1.1628	-1.79584	-1.96828	-2.05834	-2.1209	-2.24759	-1.56645	-0.95817	-0.44827	0.15264	0.68919	1.01788	1.05699	0.84934	0.74628	0.58204	-0.24646	-0.06379	-0.30038	-0.66814	-1.11519	-1.44205
MAL8P1.64	0.44981	0.73713	0.6958	0.58685	0.49736	0.4146	0.43771	0.364	0.49328	0.39863	0.3268	0.28424	0.18756	0.080754	-0.25719	-0.59981	-0.72323	-0.94631	-1.21557	-0.92062	-0.60831	-0.2923	-1.04608	0.10378
PF08 0014	-0.9228	-0.95601	-0.76557	-1.56567	-1.56427	-1.61559	-1.4942	-1.11053	-0.68952	-0.31422	0.13136	0.54166	0.74244	0.77132	0.91933	0.76779	0.31284	0.40196	0.13483	-0.31482	-0.42383	-0.66482	-0.89623	-1.04649
PF11 0258	-0.51432	-0.29172	-0.21693	0.07417	0.40539	0.50411	0.70791	1.15861	1.2446	1.25657	1.38259	1.23692	0.79548	0.24342	-0.15902	-0.4507	-0.93208	-0.98461	-0.53243	-0.8227	-0.67608	-0.5749	-0.46218	-0.32997
PF11 0108	0.63966	0.85192	0.596	0.32773	0.25901	0.25343	0.08072	0.21948	0.25019	0.39725	0.35353	0.33579	0.23138	0.04973	0.01571	0.0488	-0.67174	0.11673	-0.18899	-0.24477	-0.06944	0.5466	0.16039	0.26488
PF1455c	0.00475	0.31651	0.08363	-0.05906	-0.31466	-0.55003	-0.61814	-0.87731	-0.80616	-0.85515	-0.79928	-0.80353	-0.80064	-0.75701	-0.63184	-0.2778	0.29494	0.09158	1.69894	1.15459	1.30883	0.52207	0.93398	0.62045
PFIO430c	0.04764	-0.07414	0.09961	-0.20579	0.27885	0.27109	0.90215	1.01746	0.19065	1.14383	0.71887	0.82688	0.67523	0.53302	0.29074	0.17175	0.12096	0.00584	0.17089	0.03987	-0.22427	-0.21242	0.08694	0.11574
PF11 0408	-0.30014	-0.29668	-0.03925	-0.13273	-0.02975	-0.1379	-0.19142	-0.30086	-0.3732	-0.08685	0.04151	0.17984	0.26893	0.44591	0.40146	0.38969	0.35155	0.1868	-0.12944	-0.07898	-0.27788	-0.37492	-0.57738	-0.44667
PFC0550w	-0.94226	-0.95877	-0.783	-0.96691	-0.56035	-0.29315	-0.0703	0.29871	0.53692	0.6557	0.6566	0.73882	0.87386	0.81604	0.57402	0.32096	0.19572	0.09761	-0.29091	-0.39213	-0.69234	-0.79946	-0.90771	-0.86922
PFD1110w	-0.1589	-0.81079	-0.57646	-1.33129	-1.72061	-1.8366	-1.95843	-2.12516	-2.345	-2.65748	-2.52712	-2.44481	-2.15396	-1.68412	-0.61264	0.42519	1.08824	1.14588	1.30049	0.94178	0.77251	0.49332	0.23924	-0.30191
PF14 0384	0.22049	0.33285	0.48606	0.74756	0.87233	1.446	1.52738	1.72569	1.53612	1.20092	0.98323	0.55876	0.3193	0.27855	0.13742	0.13502	0.00804	0.02801	0.30152	0.07621	0.3123	0.30501	0.33807	0.4775
PFD1037w	-0.64315	-0.45271	-0.14455	0.2272	0.03578	0.21074	0.32436	0.1336	0.18705	0.23236	0.46753	0.61645	0.72513	0.6989	0.57384	0.44753	0.20369	-0.30846	-0.19598	-0.69736	-0.92437	-0.84721	-1.13551	-0.78816
PFL0305c	0.6043	0.23784	0.11562	0.31455	0.23393	0.11151	-0.14443	-0.3528	-0.67435	-0.59332	-0.45354	-0.59988	-0.45329	-0.57151	-0.41161	-0.08641	0.37192	0.40139	1.10208	0.81997	0.78831	0.589	0.81256	0.59416
PFC0315c	-0.95966	-1.09423	-1.49078	-1.15019	-1.22259	-1.20556	-1.06896	-1.10538	-0.80931	-0.2743	0.05408	0.20136	0.66796	0.509	0.76882	0.73102	0.52629	0.45015	0.62894	0.13342	-0.09665	-0.35289	-0.50218	-0.70346
PF1435w	0.09072	0.562	0.21797	0.39466	0.37841	0.29378	0.11198	0.26011	0.07911	0.06373	0.28861	0.17507	0.14341	-0.17158	-0.05008	-0.21155	-0.62639	-0.35203	-0.30264	-0.368	-0.28251	-0.21689	-0.07548	0.09236
PFI030c	-0.37206	-0.59977	-0.36371	-0.28428	-0.4462	-0.43728	-0.65018	-0.75749	-0.51952	-0.20588	0.27898	0.62239	0.76411	0.73089	0.75582	0.64367	0.25587	0.18572	0.15122	-0.11702	-0.37988	-0.49573	-0.60667	-0.69091
MAL13P1.105	-0.35289	-0.54682	-0.21382	-0.23094	-0.27414	-0.34862	-0.44592	-0.57951	-0.39194	0.18219	0.3437	0.51935	0.724	0.71797	0.72676	0.55581	0.51468	0.3703	0.41689	0.26902	0.17057	-0.02378	0.06776	0.13882
PF1720w	1.78408	1.91965	1.3586	1.61368	1.2035	0.79747	0.28389	0.10051	-0.79657	-1.4088	-1.50869	-1.99453	-2.07503	-2.55941	-2.37789	-2.61265	-1.99777	-1.87282	-1.00979	-0.11073	0.68318	0.96931	1.16862	1.37916
PFI0515w	0.81964	0.30634	0.12946	0.07372	0.0239	0.18596	0.15452	0.27473	-0.06369	0.06902	0.04456	-0.3916	-0.1603	-0.39078	-0.50894	-0.38997	-0.27067	0.01575	1.40725	0.83805	0.92819	0.85135	1.06581	0.95001
PFD0855c	0.0346	-0.16728	-0.23371	-0.34202	-0.37766	-0.28356	-0.44885	-0.66308	-0.54428	-0.4785	-0.51719	-0.37381	-0.1615	-0.01067	0.25613	0.51983	0.85911	0.54229	0.52104	0.44419	0.38353	0.31543	0.15392	0.07457
PFL0250w	0.71368	-0.02837	-0.05587	-0.11331	-0.06732	0.01018	-0.27156	-0.73091	0.04434	-0.67802	-0.59855	-0.32187	-0.09745	0.13506	0.26733	0.43473	0.5479	0.95287	0.84076	0.91554	0.96177	0.61393	0.55806	0.47586
PF14 0171	0.29365	-0.14034	-0.48799	-0.66759	-0.78595	-1.11232	-1.20597	-1.56872	-1.77515	-1.80412	-1.84623	-1.57228	-1.31565	-0.85353	-0.28978	0.19728	0.80352	0.80312	0.68711	1.02578	0.93559	0.6104	0.43738	0.05309
PFB0240w	0.46721	0.59771	0.69114	0.78205	0.77827	0.80528	0.69088	0.81458	0.79167	0.73612	0.85653	0.75814	0.74543	0.36047	0.31741	0.10384	-0.40134	-0.38169	-0.46265	-0.79994	-0.65712	-0.2986	-0.03587	0.20116
PF14 0392	0.44469	0.12567	-0.16487	-0.08612	-0.22441	-0.51008	-0.73869	-0.80518	-0.88247	-1.13651	-1.20663	-1.08061	-0.94243	-0.42174	0.17635	0.65645	0.86122	1.17484	0.75614	1.14785	1.10391	0.67919	0.48069	-0.14933
PF14 0554	0.10239	0.34864	0.39081	0.29984	0.20898	-0.00955	-0.09267	-0.28223	-0.97024	-1.03084	-0.54226	-0.30123	-0.12085	0.02789	0.42537	0.468	0.15881	0.24765	-0.10197	-0.15131	-0.29509	-0.26642	-0.30352	-0.06252
PFF0480w	1.22792	1.21355	0.93172	1.02245	0.92407	0.43671	0.32023	0.08065	-0.14525	-0.51264	-0.90129	-1.3812	-1.60094	-1.8119	-1.67238	-1.14805	-0.31883	-0.37226	0.05407	0.49477	0.89405	0.97796	1.06018	1.03827
PFE1120w	-0.17648	-0.66584	-0.66068	-1.17613	-1.30758	-1.46968	-1.63519	-1.8458	-2.08833	-2.40753	-2.65154	-2.70791	-2.53181	-1.91787	-1.07016	0.05126	1.12443	0.97301	0.54643	0.92764	0.93253	0.84593	0.4814	0.00612
MAL13P1.117	0.79752	0.65474	0.59366	0.55838	0.64227	0.43294	0.44606	0.6045	0.20505	0.10729	0.06069	-0.02354	0.07928	0.10379	0.2153	0.05495	-0.22721	0.04216	0.89166	0.486	0.58749	0.55641	0.60175	1.16051
PF11 0377	-0.09368	-0.25958	-0.38581	-0.56046	-0.68335	-0.7596	-0.78082	-0.89618	-1.29079	-0.94074	-0.68021	-0.69509	-0.49275	-0.27989	-0.06803	0.01123	0.20365	0.06016	0.48706	0.30554	0.18363	0.33482	0.30907	0.26843
PFC10 API0033	-0.63056	-1.12837	-1.34325	-1.9339	-1.73374	-2.04803	-2.0063	-1.70181	-1.39536	-1.19329	-1.03776	-0.6881	-0.51659	-0.05824	0.19817	0.604	0.70969	1.19296	-0.25616	0.11512	-0.05477	0.43744	-0.53001	-0.5344
PF08 0117	-0.33744	0.16535	0.51748	0.72833	0.69992	0.95837	1.02461	0.91489	1.07721	0.99344	0.74418	0.8749	0.73098	0.62672	0.43127	0.13153	0.2033	-0.21917	-0.67884	-0.65444	-0.83105	-0.53661	-0.44366	-0.34444
PFF0845c	0.68976	1.19427	1.27601	0.67844	2.39416	2.71668	1.53505	2.4566	1.85939	1.14837	0.58419	0.30559	0.0462	-0.12536	-0.21533	-0.29958	-0.15544	-0.5839	0.73258	-0.03429	-0.00613	0.05809	0.10695	0.72325
MAL13P1.306	0.49497	-0.02487	-0.46534	-0.70822	-1.1898	-1.48928	-1.89247	-2.08535	-2.78448	-3.14035	-3.48562	-3.66936	-3.63038	-3.43876	-2.40069	-1.09257	0.13334	0.65117	1.47373	1.12781	1.04048	1.20496	1.00817	0.71978
PF13 0120	-0.40184	-0.39757	-0.64281	-0.87374	-1.17679	-1.34004	-1.49918	-1.71536	-2.00073	-1.83189	-1.94961	-1.72787	-1.39926	-0.85767	0.03641	0.56327	1.0965	0.86864	0.60546	0.75496	0.84873	0.52414	0.16248	-0.41201
PF14 0556	0.36179	-0.18657	-0.45607	-0.65668	-1.22903	-1.31064	-1.47283	-1.58347	-1.44178	-1.36967	-1.01353	-0.46789	-0.16549	0.1206	0.28954	0.65798	0.70198	0.87279	1.04372	0.9046	0.91859	0.54921	0.28179	-0.44199
PFD0525w	0.02517	-0.14022	-0.17038	0.13451	0.01154	0.21666	0.42439	0.8395	0.87009	0.95898	1.1364	0.87325	0.33861	-0.11683	-0.52185	-0.64204	-0.6613	-0.36463	0.62812	0.1036				

PFC10_API0026:t	RNA	0.14827	-0.64475	-1.17767	-0.68029	-0.3258	-0.40379	-0.97652	-0.0516	-0.90793	-0.82766	-0.72167	-0.71788	-0.77621	-0.17925	-0.12093	0.75933	0.90765	0.98153	0.74444	0.56078	0.79489	1.40264	0.72386	0.42027
PFL1365w	0.11014	-0.47492	-0.5415	-0.78829	-0.85278	-0.97791	-0.70866	-0.15718	0.32674	0.61369	0.69415	0.71279	0.5746	0.45372	0.10463	-0.07047	-0.13332	-0.42609	0.40447	0.11117	0.28744	0.16403	0.36567	0.76205	
PF14_0356	0.07055	-0.00829	-0.11792	-0.22426	-0.32117	-0.5567	-0.32214	0.00932	0.45296	0.74106	0.86585	0.82483	0.74707	0.63529	0.31864	0.21797	-0.10921	0.00738	-0.12948	-0.27319	-0.21025	-0.27076	-0.26852	-0.13406	
PF14_0517	-0.91535	-0.59329	-0.53177	-0.35671	-0.26805	-0.27501	-0.04116	0.12097	0.45677	0.70727	0.68158	0.66487	0.65278	0.42936	0.07246	-0.40926	-0.76742	-0.96627	-1.2357	-1.32512	-1.33365	-1.26817	-1.19832	-0.92037	
PF14_0758	-1.71478	-1.39027	-0.93584	-0.54146	0.19059	1.38282	2.3403	2.36507	2.3336	2.07631	1.46344	0.60012	-0.19009	-0.81359	-1.46924	-1.99023	-1.80006	-1.95175	-2.50618	-2.42848	-1.46842	-1.99236	-1.84393	-1.11773	
PF13_0082	-0.47596	-0.09922	-0.17126	-0.19792	-0.11899	0.11021	0.28692	0.07418	0.01877	0.01273	0.41331	0.34607	0.53098	0.43143	0.67694	0.50734	0.13081	0.17101	0.00148	-0.40592	-0.6264	-0.89808	-1.01543	-0.82293	
PF14_0342	-0.14933	0.01344	0.41301	-0.05355	0.28867	0.28579	0.25694	0.2329	0.12098	0.29788	0.13609	0.15994	0.32003	0.51468	0.25999	0.15621	0.18479	0.11802	-0.53168	-0.17924	-0.34966	-0.1718	-0.24823	-0.02382	
PFL1960w	0.44434	0.08097	0.0453	0.71789	-0.02932	0.19682	0.59386	-0.22457	-0.02766	0.35744	-0.0118	0.14058	0.33476	0.2292	-0.21564	0.32323	-0.12197	0.04391	-0.1627	-0.12283	-0.17286	-0.23118	-0.11273	-0.26563	
PFL1775c	-0.44493	-0.50561	-0.52347	0.01536	0.23774	0.38092	0.27766	0.63048	0.54331	0.73765	0.69754	0.89	0.64069	0.51512	0.49981	0.48237	0.16987	0.43501	0.57203	0.24976	0.06312	-0.47922	-0.55573	-0.71588	
PFL2150c	0.13566	0.42798	0.30627	0.67423	0.6922	0.77808	0.62872	0.65888	0.87858	0.71115	0.90602	0.62819	0.57155	0.33784	0.05543	-0.18448	-0.79921	-0.43752	-0.43054	-0.76393	-0.54231	-0.23092	0.04077	0.52777	
PF13_0144	0.99475	0.78327	0.72914	0.86505	0.93003	0.87056	0.81271	0.7054	0.46146	0.54463	0.44062	0.3228	0.32122	0.13521	0.07324	0.05341	-0.07385	0.30468	0.59246	0.23347	0.56363	0.59858	0.51538	0.89707	
PFL0400w	-0.21655	-0.21604	-0.42164	0.15322	-0.00243	0.12479	0.44536	0.42989	0.64974	0.65883	0.63097	0.54694	0.59986	0.52343	0.46653	0.32883	0.34164	-0.10416	0.37379	0.06485	0.03318	0.16769	0.06018	0.10786	
MAL8P1.6	0.22923	0.36527	0.19534	0.21019	0.44653	0.22679	0.08758	-0.16592	-0.4317	-0.62537	-0.33731	-0.46444	-0.22693	-0.21255	0.20457	0.32654	0.82987	0.41932	0.96028	0.79921	0.82869	0.5335	0.77974	0.8419	
PF14_0584	1.15084	1.13892	0.89327	1.51359	1.45166	1.46767	1.17493	1.21719	1.29577	0.91019	0.95201	0.59283	0.18655	-0.10988	-0.123	-0.61615	-0.73236	-0.68952	-0.57422	-0.5942	-0.23545	0	0.31639	0.7327	
PF13_0353	-0.27185	-0.3374	-0.51012	-0.46374	-0.67307	-0.96459	-1.30306	-0.92226	-0.85973	-0.47276	-0.20597	-0.09167	0.26409	0.35818	0.92387	0.88476	1.06465	0.55715	0.72015	0.26935	0.09983	-0.14505	-0.45533	-0.59988	
PFE0650c	0.49834	0.16988	-0.50095	-0.18081	-0.54781	-0.40987	-0.65457	-0.74317	-0.7398	-0.67205	-0.78336	-0.67498	-0.76524	-0.55252	0.04329	0.5486	0.53019	0.80453	1.43198	1.0081	0.86856	0.553	0.4059	0.03294	
PF14_0695	0.34965	0.07679	-0.60376	-0.52125	-0.61069	-0.86508	-0.97152	-0.72311	-0.44811	-0.43186	-0.38459	-0.18325	-0.10595	-0.01295	0.08246	0.1246	0.02189	0.43553	0.88615	0.87204	0.97589	0.66703	0.78674	0.37781	
PFL1880w	0.41998	0.50266	0.16983	0.14073	-0.1659	-0.30408	-0.49732	-0.32646	-0.12514	-0.02242	0.06856	0.2545	0.10731	-0.01295	-0.06308	-0.20345	-0.31096	-0.22582	-0.29433	-0.04022	0.10594	0.13938	0.14971	0.12763	
PF11_0008	0.20203	0.53563	0.63165	0.79422	0.58825	0.5774	0.91413	0.81811	0.83936	0.6554	0.46398	0.21187	0.26382	0.26515	0.2104	0.29601	0.0584	-0.27549	0.04867	0.00612	0.05201	-0.17115	-0.20023	-0.05998	
MAL13P1.316	0.43772	0.35968	0.65165	0.56916	0.40985	0.25933	0.33947	0.2664	0.07452	0.04194	0.08158	-0.01812	0.13838	0.18469	0.1402	0.11953	0.30541	0.26683	0.38877	0.38044	0.34283	0.47243	0.51234	0.38089	
MAL13P1.139	0.14865	-0.03014	-0.53857	-0.60755	-0.58883	-0.88163	-0.99124	-0.72488	-0.88376	-0.70969	-0.4131	-0.24891	-0.18101	-0.18865	0.2407	0.55081	0.59822	0.70501	1.14748	0.93262	0.67097	0.36992	0.35129	0.0863	
PF10_0045	-0.85297	-0.99808	-0.85918	-1.06536	-1.03151	-0.77854	-0.77554	-0.79168	-0.41089	-0.16796	-0.04692	0.14599	0.34689	0.56167	0.55707	0.67765	0.65012	0.47619	0.11298	0.15888	0.00216	-0.26567	-0.61374	-1.01234	
PFF0335c	-1.04465	-0.83458	-0.81542	-1.11724	-1.18642	-1.35624	-1.59085	-1.50289	-1.65684	-1.68439	-1.1877	-0.66208	0.1047	0.49817	1.1319	1.12643	0.8181	0.58141	0.76775	0.11435	-0.18002	-0.38148	-0.7548	-0.89736	
PF13_0267	-0.02956	0.47688	-0.86377	1.25923	1.49905	1.60198	1.58682	1.38422	0.98829	0.60866	0.51729	0.36044	0.3314	0.20242	0.15852	0.12104	-0.00753	0.036	0.04636	0.03997	0.30235	0.4721	0.56018	0.68583	
PF14_0057	-0.55027	0.00172	0.2287	0.23377	0.29936	0.49668	0.49084	0.59267	0.59947	0.61213	0.92302	0.82882	0.90809	0.37235	0.61782	0.30705	-0.41101	-0.36858	-0.00416	-0.90358	-1.02892	-0.66208	-0.70708	-0.31991	
PF14_0650	-0.91779	-0.44182	-0.22053	-0.36048	-0.10369	0.34836	0.30576	-0.03048	0.15177	0.03118	0.05617	0.01829	-0.11402	-0.51384	-0.43261	-0.11847	-0.18996	0.13149	0.32361	-0.11917	-0.35507	-0.64028	-0.597	-0.69447	
PF13_0322	-0.84295	-0.50652	-0.13621	-0.16639	-0.12151	0.00713	0.04589	-0.0425	0.21123	0.30397	0.28681	0.30186	0.59383	0.47929	0.46136	0.17726	0.02152	-0.24122	-0.59992	-0.82459	-0.94065	-0.74416	-0.75354	-0.79407	
PF14_0097	-0.94534	-0.9372	-0.69021	-0.63275	-0.69713	-0.47057	-0.08375	0.16061	0.30981	0.40622	0.55568	0.64376	0.73564	0.61998	0.58199	0.43532	-0.06686	-0.01172	-0.30552	-0.50445	-0.75239	-0.63883	-0.67254	-0.6364	
PF10_0331	0.55968	0.58249	0.50255	0.75581	0.92975	1.05204	0.86768	0.88146	0.55056	0.26415	0.108	0.1797	0.0938	0.21028	0.28947	0.43597	0.13686	0.40602	0.52767	0.31994	0.23453	0.10857	0.0539	-0.00643	
PF14_0661	-0.10172	0.46147	0.31777	0.27435	0.40038	0.40385	0.46349	0.86259	0.73237	0.59953	0.56111	0.49609	0.07202	-0.32522	-0.44204	-0.66848	-0.69806	-1.10811	-0.93895	-0.96814	-0.65236	-0.54308	-0.08072	0.12905	
PF11_0223	0.24099	0.20196	-0.13425	-0.06606	-0.25777	-0.44209	-0.38869	-0.27419	-0.16065	0.03195	0.27604	0.53339	0.38953	0.26396	0.32646	0.48024	0.40729	0.66216	0.67082	0.43372	0.0388	-0.00942	-0.21831	-0.27478	
PF14_0239	0.41347	0.7991	0.80945	0.8285	1.04065	1.49528	1.44689	1.45916	1.32538	0.87192	0.67009	0.48582	0.05389	-0.52756	-0.60147	-0.94216	-1.3321	-0.13862	-0.76273	-1.00975	-0.64299	-0.18798	0.01643	0.16869	
PFE0805w	-0.33698	-0.35963	-0.70953	-0.51789	-0.31283	-0.34988	-0.24549	-0.00429	0.36543	0.55041	0.59152	0.71836	0.77073	0.70943	0.29723	0.14619	0.11509	0.19344	-0.4227	-0.05475	-0.18954	-0.0927	-0.14991	-0.19275	
PFE0385w	0.29153	0.4043	0.3501	0.19269	0.03054	-0.07446	0.12981	0.11437	0.09962	-0.08157	-0.20179	-0.27922	-0.43186	-0.60868	-0.74987	-0.62656	-0.7325	-0.40256	0.07284	0.24173	0.31019	0.30114	0.44584		
PF1580c	-0.20139	-0.5189	-0.61465	-0.92459	-1.05306	-1.17023	-1.23845	-1.05868	-0.96632	-0.5767	-0.43465	-0.20822	-0.00872	0.19688	0.34794	0.55934	0.87601	0.79204	0.71222	0.80864	0.52859	0.23	-0.08046	-0.42567	
PF13_0161	0.85046	0.08519	-0.02609	-0.54347	-0.8255	-1.01963	-0.88281	-1.01947	-1.29038	-1.37904	-1.68201	-1.99375	-1.95275	-1.96845	-2.43403	-2.24318	-1.21183	-0.41402	0.03871	0.78338	1.05748	1.31869	1.15598	1.207	
PFB0270w	0.54112	0.3948	0.44675	0.12559	0.43187	0.4886	0.22073	0.2685	0.34225	0.40142	0.46202	0.43685	0.2693	-0.08123	-0.24372	-0.31769	-0.49906	-0.08904	0.42031	0.45618	0.377	0.20932	0.4383	0.67013	
PFD0515w	0.66968	0.96376	0.75442	1.22934	1.14452	1.23753	1.11024	1.21017	1.13799	0.84613															

PF10_0212a	-0.31201	-0.53512	-0.69483	-1.04355	-1.31076	-1.8297	-1.87977	-1.93969	-1.8181	-1.17881	-1.46203	-1.22666	-0.79866	-0.33416	0.10308	0.48953	0.93122	0.82064	0.18381	0.73295	0.63925	0.42487	0.25916	-0.21335
PF0285c	-0.44919	-0.09403	0.32914	0.39471	0.67842	0.90403	0.51454	0.67905	0.74214	0.37801	0.94437	0.84875	0.84716	0.37333	0.1442	-0.27815	-1.05007	-0.99035	-1.38986	-1.52045	-1.5488	-1.477	-1.01553	-0.87692
PF0545c	-1.37301	-0.81791	-0.22855	-0.47	-0.22422	0.165	-0.01137	0.68444	0.1512	0.31536	0.5303	0.48108	0.6227	0.24742	0.32891	0.0477	-0.3966	-0.37488	-0.78639	-1.19666	-1.80624	-1.60095	-1.571	-1.41177
PF14_0746	-0.54194	-0.27984	-0.2608	-0.18586	0.53552	1.65272	2.18138	2.11144	1.93511	1.51243	1.00978	0.17594	-0.33599	-0.87239	-1.1684	-1.52935	-1.27329	-1.47476	-1.3461	-1.39101	-1.24226	-0.95396	-0.87573	-0.54993
PFA0230c	-0.30305	0.35125	0.79725	1.0593	0.66694	0.85457	0.79449	0.99902	1.15476	1.04276	1.18472	0.96395	1.10897	0.38272	0.24278	-0.11849	-0.27172	-0.53	-0.67745	-1.13381	-1.27732	-0.64307	-0.55274	-0.35547
PF0940c	0.30893	-0.3902	-0.82364	-1.12532	-1.22308	-1.98556	-2.34691	-2.63243	-3.35392	-3.60063	-3.70001	-4.04154	-4.44673	-4.67854	-4.17202	-3.11259	-0.88036	-1.01532	1.2946	0.77472	0.98221	0.46661	0.8557	1.43745
PF11_0396	0.21942	0.31299	0.07814	0.37298	0.3426	0.2944	0.2096	0.02877	-0.21306	-0.16041	-0.1671	0.02271	-0.11683	0.14435	0.13105	0.22280	0.12959	0.05969	-0.09672	0.0718	0.35522	0.24618	0.37097	0.21585
PF11_0480	0.97366	0.7081	0.34093	0.50217	0.35561	0.10074	0.07347	-0.14725	0.06447	-0.1461	-0.31228	-0.10575	-0.1373	-0.0207	0.21528	0.15824	0.41577	0.29543	0.25738	0.76194	0.78893	0.67277	0.67503	0.56012
PFL0130c	-0.10041	-0.07716	-0.00147	-0.29361	-0.41545	-0.23147	-0.23463	-0.37817	-0.1257	-0.24296	-0.35858	-0.28774	-0.11505	-0.01832	-0.0324	0.12048	0.24608	0.30881	0.0514	0.248	0.30591	0.31607	0.20456	-0.09927
PF14_0232	-0.75651	-1.01481	-0.74635	-0.97942	-0.75469	-0.09962	0.23361	0.48849	0.70943	0.81072	0.83229	0.84436	0.82777	0.63769	0.65521	0.60569	0.24658	0.04682	0.22909	-0.22145	-0.59738	-0.67425	-0.76459	-0.78225
PF11_0484	-0.24123	-0.32116	-0.30714	-0.39432	-0.1661	-0.23986	-0.34327	-0.45699	-0.43083	-0.25626	-0.1411	-0.04929	0.26541	0.4453	0.56793	0.61079	0.413	0.47229	0.42823	0.24632	0.17842	0.02392	0.03798	0.06092
PF13_0155	-0.43066	-0.50615	-0.5923	-0.89792	-0.88205	-0.93513	-0.9673	-1.18552	-0.94556	-0.5448	-0.56237	-0.35963	0.12377	0.47581	0.46851	0.53225	0.97494	0.7581	0.22869	0.64522	0.54872	0.25454	-0.03234	-0.47254
PFB0161c	-1.53617	-1.57169	-1.56974	-1.87367	-2.31956	-2.24641	-2.20768	-2.04815	-1.68191	-0.95253	-0.24904	0.10728	0.5503	0.39496	0.83829	1.015	0.49133	0.34258	0.221	-0.46433	-0.78657	-0.73476	-0.98236	-1.09631
PDF1050w	0.16695	-0.08405	0.10215	0.1556	0.01153	0.28876	-0.07728	0.13651	-0.00586	-0.58658	-0.12768	-0.4459	-0.06056	-0.30741	-0.28656	-0.13799	-0.45582	0.0354	0.3286	0.09436	0.20255	0.73506	0.74226	0.69516
PF07_0025	0.34011	0.61235	0.43223	0.28571	0.26548	0.27362	0.30562	0.50316	0.19053	-0.00823	0.03352	0.06871	-0.03207	-0.20272	0.1525	0.14453	-0.22716	-0.31501	-0.04054	-0.24095	-0.09665	0.35996	0.07224	0.24386
PF10_0336	-0.59956	-0.70867	-0.83917	-0.7648	-0.87389	-1.07265	-1.08407	-0.91449	-1.05183	-0.76824	-0.46127	-0.0805	-0.03178	0.15297	0.39868	0.39304	0.51412	0.12185	0.46057	0.41591	0.26548	-0.03675	-0.17233	-0.2639
MAL13P1.79	-0.03281	-0.1217	0.01916	-0.09401	0.00947	0.03722	0.06077	0.24987	0.27132	0.22691	0.2633	0.36927	0.2388	-0.07357	-0.19682	-0.21042	-0.45144	-0.26284	-0.7048	-0.24663	-0.19527	-0.16808	-0.07913	0.1492
PF10_0213	-0.88452	-1.71438	-1.3499	-1.89783	-1.46602	-1.39845	-1.14351	-1.0778	-0.3249	-0.13408	-0.23621	0.04666	0.36073	0.71563	0.69492	0.51535	0.80185	0.60831	-0.7054	-0.19732	-0.38931	-0.46233	-0.73201	-1.28415
MAL8P1.31	0.66693	0.93552	0.69149	1.11435	1.06899	1.05707	0.90299	0.88654	0.93373	0.70015	0.79629	0.68924	0.20972	0.06927	-0.05699	-0.19618	-0.45937	-0.50366	-0.43094	-0.38343	-0.29128	0.1459	0.28546	0.4731
PF13_0245	0.40464	1.30616	1.05422	1.29621	1.49792	1.51825	1.06114	1.05546	1.1363	1.06941	0.97476	0.7684	0.66723	0.53434	0.40558	0.21611	-0.0987	-0.22954	-0.64119	-0.71619	-0.67865	-0.22246	-0.05059	0.35747
PF11_0509	1.33331	1.39403	0.9878	1.43284	1.05555	0.37624	-0.24327	-0.70113	-1.77098	-2.05779	-2.16383	-3.31221	-3.86231	-3.51845	-3.97957	-3.84367	-3.34345	-1.18443	0.44161	1.13698	1.01349	1.85225	2.0975	
PF0845c	-0.80381	-0.50498	-0.30604	-0.64142	-0.61614	-0.5806	-0.46391	-0.22052	0.09286	0.16706	0.28044	0.49798	0.55557	0.37258	0.53479	0.45494	0.20523	0.0476	0.25056	-0.13004	-0.21492	-0.29025	-0.35877	-0.39569
PFB0015c	0.69966	0.92385	0.80281	1.10009	1.24522	1.24963	1.40904	1.35457	0.91636	0.56839	0.49489	0.20301	0.10265	0.30406	0.22773	0.13623	-0.11009	0.00967	0.02719	-0.06986	-0.11422	-0.05849	0.04945	0.32059
MAL8P1.205	-0.2604	0.1402	0.33387	0.15625	0.12184	0.20938	0.13714	-0.00484	0.02479	-0.07038	0.07364	0.12043	0.19963	0.22815	-0.15581	-0.17958	-0.0373	-0.0287	-0.66566	-0.01765	0.3252	0.6396	0.46135	0.53111
PFL1240c	0.05544	-0.01874	-0.06441	0.04512	0.16549	0.04302	-0.17557	0.0106	-0.29448	-0.44362	-0.25895	-0.36954	-0.37228	-0.38443	0.27395	0.22534	0.24333	0.37802	0.11827	-0.03072	-0.03033	0.07593	0.20305	
PF10_0345	0.47206	-0.12266	-0.93991	-1.17841	-0.21852	-0.86354	-2.45072	-1.8898	-3.91682	-3.4793	-3.44259	-3.95179	-3.66077	-1.54532	-1.99796	-0.66945	-0.11001	-0.19097	1.44826	1.25551	1.78608	1.24273	1.36352	1.3998
PF13_0089	-0.35218	0.10314	0.2088	0.08059	-0.04762	0.04135	0.10312	-0.15851	-0.1709	-0.10604	-0.12379	0.05735	0.10677	0.44176	0.45257	0.46624	0.40838	0.30806	-0.19007	-0.06071	-0.017	0.01995	-0.22247	-0.30459
PF10_0359	-0.58018	-0.23455	-0.5274	-0.09393	0.05207	0.1263	0.37656	0.69705	0.95656	1.19265	1.47232	1.2323	1.00502	0.25245	-0.18724	-0.16997	-0.20643	-0.20978	-0.25533	-0.57282	-0.53318	-0.32099	-0.3906	-0.27909
PF14_0728	1.59709	2.12265	2.10408	2.32896	2.59578	2.8338	2.70904	2.55274	2.0074	1.13586	0.82603	0.4071	-0.00978	-0.2944	0.73251	-0.77395	-1.63944	-1.12587	-0.76773	-0.70868	-0.38903	-0.32561	0.29873	0.6754
PFL1240c	0.06315	0.57769	0.60678	0.7522	0.99346	0.72606	0.84347	0.46578	0.35933	0.55874	0.59049	0.69386	0.6852	0.69239	0.33496	-0.04644	-0.25149	-0.55818	-0.90404	-0.99944	-0.78099	-0.40288	-0.33942	-0.20742
PFF0870w	0.17879	-0.68848	-1.10278	-1.24438	-1.65746	-2.04405	-2.39281	-2.85065	-3.56123	-4.06008	-4.13872	-4.4923	-4.29435	-3.82223	-2.42453	-0.6115	0.67502	0.51187	1.50897	1.28121	1.26639	0.9283	0.90125	0.38757
PF11_0241	0.28644	0.37961	0.51077	0.36465	0.26751	-0.04639	0.03328	-0.01248	-0.16748	-0.09517	-0.3488	-0.36074	-0.28397	-0.19353	-0.36868	-0.3325	-0.01102	0.15651	-0.46303	0.27316	0.30774	0.23919	0.31742	0.22797
MAL7P1.75	-1.29808	-1.04847	-0.9554	-1.0065	-0.98846	-1.11647	-1.26224	-1.18001	-0.98444	-0.3583	0.41219	0.76785	0.16158	0.74201	0.63924	0.38591	0.24967	-0.08078	-0.30977	-0.5413	-0.6498	-0.68174	-0.64432	-0.56073
PF11_0298	-0.01377	0.05901	-0.37791	-0.19816	-0.19135	-0.27853	-0.25502	-0.53082	-0.5146	-0.42494	-0.52521	-0.46105	-0.28061	-0.02096	0.42902	0.69148	0.76589	0.75746	1.12744	0.73354	0.48075	0.24799	0.15984	-0.03017
PF14_0111	0.21191	0.06903	0.25208	0.01184	0.12971	0.13331	0.02076	-0.01685	-0.10496	-0.09873	-0.04055	-0.01848	0.02134	-0.18493	0.02802	0.04071	0.0793	0.11806	0.65725	0.45385	0.62592	0.2143	0.20783	0.38231
MAL7P1.171	-0.65608	-0.19873	0.36671	0.37141	0.53932	1.46811	2.09801	2.06007	2.40243	2.09902	1.45605	0.84233	0.05371	-0.9817	-0.180394	-2.34096	-2.06502	-2.4341	-2.57365	-2.28896	-1.59713	-0.93668	-0.61309	-0.05245
MAL8P1.71	0.24974	0.31994	0.2645	0.21758	0.06728	0.09082	-0.01121	-0.05118	-0.16804	-0.20935	-0.15574	0.00094	-0.28248	-0.47754	-0.51777	-0.26764	-0.26427	0.03917	0.26902	0.24737	0.34656	0.39995	0.56526	0.10698
PF10_0253	-0.65813	-0.6546	-0.59599	-0.63269	-0.69491	-0.7166	-0.84006	-0.51161	-0.31151	0.16542	0.68602	0.82078	1.02952	0.68766	0.68533	0.38981	0.15968	0.06836	0.24163	-0.04055	-0.29797	-0.23954	-0.25764	-0.15547
PFL1415w	-0.11758	-0.52882	-0.87866	-1.27229	-1.37898	-1.67866	-1.98287	-2.25577	-2.45507	-2.61758	-2.55894	-2.36072	-1.67705	-0.85894	-0.06706	0.63204	0.99697	1.24206	1.02834	1.04659	0.9256	0.6196	0.20746	-0.36517
PFE0355c	0.243	-0.22164	-0.59711	-0.82898	-0.88569	-1.36736	-1.63529	-1.80377	-2.19772	-2.5581	-2.75569	-1.68941	-2.17737	-1.29407	-0.26723	0.55104	0.95747	0.88912	1.18875	1.2237	1.17856	0.62237	0.38079	0.00531
PFL0580w	-1.04476	-1.40397	-1.87768	-1.50065	-1.56142	-1.74948	-1.34772	-1.73363	-1.2506	-0.82088	-0.30869	-0.03029	0.3719	0.43889	0.84626	0.82667	0.78452	0.36184	0.76373	0.28321	0.061	-0.26931	-0.60757	-1.0

PF14 0610	1.68181	1.81267	1.08857	1.52214	1.36751	0.41341	1.02511	1.03984	0.96385	0.8131	0.78955	0.5526	0.16633	-0.03776	-0.44664	-0.46321	-0.77617	-0.57103	-0.64313	-0.68379	-0.1239	0.46875	0.77298	1.09858
PFB0420w	-0.77211	-0.69072	-0.37789	-0.56696	-0.59704	-0.25234	-0.24197	0.1171	0.35176	0.42168	0.75958	0.97758	0.90804	0.7478	0.91579	0.72993	0.41378	-0.01104	-0.03684	-0.63141	-0.77504	-0.99175	-0.94332	-0.75985
PF10 0074	0.00681	0.64647	0.35683	0.55337	0.35619	0.2777	0.3087	0.27198	0.29325	0.20808	0.26774	0.33383	0.49523	0.30909	0.49232	0.2968	0.20182	-0.06033	0.02172	-0.2281	-0.22415	-0.28036	-0.10707	-0.19027
PFI0470w	0.8821	0.628	0.60055	0.79944	0.88318	0.68175	0.54535	0.39596	0.08338	-0.21023	-0.35804	-0.49216	-0.5979	-0.62705	-0.60752	-0.58027	-0.41224	-0.41817	0.29037	0.4262	0.69902	0.97776	1.07919	0.98787
PF07 0016	-0.85051	-1.13845	-0.94312	-1.66263	-1.83774	-2.07689	-2.09291	-2.38859	-2.47749	-1.98262	-1.57542	-1.00241	-0.16143	0.36478	0.54976	0.73969	1.24347	0.81903	-0.04343	0.39158	0.22221	0.09472	-0.38981	-0.903
MAL13P1.130	-0.01242	-0.90294	-0.7192	-1.48981	-2.2006	-2.18878	-2.67216	-2.80668	-3.43099	-3.88344	-3.53559	-3.91273	-3.24338	-2.50808	-0.99349	0.32181	0.94733	0.79652	1.27642	1.24793	0.90843	0.67628	0.74639	-0.25575
PFI0970c	-0.06492	-0.08982	-0.15113	-0.28805	-0.64467	-0.6059	-0.96303	-1.12498	-1.43446	-1.4338	-1.16982	-0.88075	-0.46589	-0.06601	0.30055	0.54296	0.58948	0.61653	0.34524	0.32873	0.3011	0.18802	0.02945	-0.12095
PFF1475c	0.29621	-0.20479	-0.42641	-0.32933	-0.24886	-0.44054	-0.774	-0.93317	-1.30269	-1.37561	-1.31537	-1.41149	-1.27343	-0.98703	-0.42966	0.38776	0.66107	0.55317	1.25157	1.27625	1.04678	0.54805	0.63256	0.62733
PF11 0343	0.14262	-0.16512	-0.35285	-0.62912	-1.05084	-1.31301	-1.60414	-1.7322	-2.06988	-2.38307	-2.27836	-2.19816	-1.71191	-1.21233	-0.02757	0.77515	1.19742	1.04454	1.48073	1.27249	1.16653	0.68439	0.53792	-0.23736
PF14 0721	-0.14934	-0.38661	-0.56507	-0.9186	-0.84417	-0.89459	-0.78378	-0.28808	-0.15436	0.23592	0.26267	0.42748	0.33682	0.34639	0.40848	0.49257	0.45957	0.55609	0.12304	0.32292	0.07513	-0.19596	-0.14481	-0.30329
PFF0180w	-0.79987	-0.99965	-0.94094	-0.95561	-0.50665	-0.46437	-0.49629	-0.15225	0.35139	0.71324	0.8187	0.8177	0.76203	0.7811	0.48356	0.46648	0.11212	0.34267	0.01175	-0.03461	-0.37949	-0.34071	-0.46718	-0.59663
PFF0455w	0.62488	0.76288	0.97697	0.87938	0.86654	1.07896	0.89562	0.87905	0.90312	0.7995	0.61031	0.44898	0.24275	-0.15871	-0.34303	-0.21978	-0.36487	0.04211	0.33571	0.19961	0.15469	0.24363	0.39143	0.53147
MAL7P1.81	-0.57841	-0.21234	0.13638	0.18557	0.01139	0.14476	0.21939	0.4651	0.45188	0.78631	0.695	0.72741	0.70976	0.4374	0.29256	-0.06891	-0.61225	-1.00951	-1.06103	-1.67442	-1.58222	-0.80895	-0.87122	-0.67813
PFI1055c	0.64605	0.98798	1.08018	1.47253	1.57071	1.66363	1.78776	1.54624	0.96456	0.51975	-0.28106	-1.19026	-1.76383	-2.2111	-2.23996	-2.43612	-1.94576	-2.23012	-1.49238	-0.79468	-0.32004	0.2264	0.5733	0.83617
PFI1620c	-0.48665	-0.49416	-0.39538	-0.34701	-0.4324	-0.09928	-0.13226	-0.31201	-0.11873	-0.07234	0.04352	0.19889	0.31578	0.71088	0.73478	0.68715	0.62233	0.55782	0.20404	0.26937	0.05914	-0.03219	-0.16119	-0.40688
PFF1265w	-0.11899	-0.15503	-0.51495	0.19794	0.32779	0.33853	0.48739	0.68018	0.55456	0.3954	0.59206	0.55052	0.6136	0.53473	0.53553	0.53671	0.22673	0.36384	0.44813	0.07285	-0.0354	-0.20907	-0.11416	-0.09736
PFL2130w	-0.54717	0.12909	-0.45322	1.23548	1.27626	0.81058	0.29043	0.49399	-0.16568	-0.13818	0.16208	0.01311	-0.12108	-0.22382	-0.26757	-0.58907	-0.90114	-1.05123	-1.11319	-0.86117	-0.52275	-0.39875	0.83767	1.52822
PFF0380w	-0.61895	-0.79698	-0.93904	-1.31195	-1.29806	-1.42535	-1.55589	-1.76446	-2.21329	-2.35633	-2.42065	-2.56887	-1.90605	-0.72432	0.46987	1.02257	1.2888	1.04967	0.49821	0.91275	0.71242	0.38261	-0.04975	-0.50103
PFI1400c	0.58813	1.01494	0.99953	1.32663	1.32428	1.25436	1.22125	1.00506	1.24783	1.09488	0.76212	0.55195	0.25908	-0.10901	-0.1719	-0.4032	-0.49702	-0.51692	-0.56435	-0.43768	-0.26428	0.0616	0.22309	0.54646
PF11 0466	-1.0224	-0.83753	-0.77293	-0.7745	-0.82974	-0.74865	-0.37851	0.14531	0.41883	0.58565	0.79397	0.95167	0.91995	0.77202	0.70963	0.40743	0.20627	-0.02554	-0.09344	-0.57088	-0.77123	-0.73648	-0.91329	-0.94867
PFL0880c	0.49351	0.57171	0.28723	0.52883	0.44601	0.28597	0.22307	0.29472	0.18997	0.2302	0.23289	0.07145	0.04531	0.03479	-0.10045	-0.17559	-0.02465	-0.16608	-0.30771	0.07415	0.09033	0.22666	0.3259	0.34604
PFL0335c	-0.23291	-0.23131	0.10882	0.06075	-0.04664	0.16591	0.24484	0.32336	0.17075	0.37111	0.44546	0.48069	0.24463	0.28899	0.26616	-0.0651	-0.61074	-0.42965	-0.73516	-0.75967	-0.70241	-0.53242	-0.486	-0.30478
MAL8P1.35	-0.29056	-0.4143	-0.20232	-0.47872	-0.57641	-0.54685	-0.46862	0.14712	0.75729	0.90854	1.16126	1.07033	0.93903	0.68291	0.46262	0.2729	-0.22833	-0.11008	-0.15164	-0.27985	-0.21076	-0.21221	-0.24463	-0.20517
PFE0285c	-1.60191	-1.04862	-0.67376	-0.86564	-0.95615	-0.4482	-0.36676	-0.18318	-0.20037	-0.0255	0.42911	0.5214	0.49348	0.43465	0.6366	0.61517	0.14623	0.12036	-0.3209	-1.02166	-1.38852	-1.33276	-1.43837	-1.53024
PFE1335c	-0.52275	0.00986	0.54287	0.57847	0.69428	0.84786	0.87137	0.71223	0.57097	0.47831	0.50796	0.64574	0.60002	0.23345	0.17376	-0.14257	-0.41096	-0.74964	-0.81225	-1.15561	-1.24334	-0.9582	-0.85136	-0.477
PF13 0277	-0.6579	-0.69644	-0.54943	-0.61647	-0.32641	-0.05181	0.07923	-0.03597	0.09212	0.13229	-0.05062	0.16265	0.23908	0.56746	0.2444	0.21528	0.47797	0.30956	-0.29217	0.0065	-0.09014	-0.22034	-0.41763	-0.6459
PF10 0101	0.5709	0.97019	0.61469	0.06904	-0.04916	-0.17939	-0.3358	-0.43077	-0.45641	-0.37027	-0.53737	-0.32848	-0.32811	-0.24758	-0.20385	0.17011	0.4742	0.6162	0.82038	0.62711	0.56728	0.36198	0.2018	0.13139
PF10 0180	0.14365	0.25775	0.24995	0.34385	0.38218	0.14537	0.21619	0.50588	0.48063	0.56094	0.58565	0.57121	0.07938	-0.13994	-0.35829	-0.53241	-0.51016	-0.94303	-0.60687	-0.43931	-0.27434	-0.5573	-0.28079	0.00839
PF13 0276	0.05931	1.14325	1.89181	2.21574	2.83849	2.46929	2.05141	1.07239	0.35065	-0.37697	-1.31201	-2.43525	-3.27927	-3.78623	-3.93036	-4.19711	-3.8743	-4.42324	-3.66808	-3.56452	-2.36969	-1.10832	-0.51372	-0.27337
PFE0885w	0.07698	0.40809	0.40305	0.56053	0.56856	0.48341	0.42775	0.71005	0.54156	0.5763	0.80095	0.60565	0.5084	0.31256	0.18126	-0.31393	-0.80785	-0.72387	-0.93135	-1.13718	-0.82649	-0.58871	-0.40773	-0.26023
PFL1790w	-0.83044	-0.54173	-0.32584	-0.12406	-0.20889	0.14404	0.10883	0.24255	0.74618	0.79448	0.85624	1.14459	0.86868	0.67061	0.54008	0.48363	0.05044	0.08037	0.18716	-0.57108	-0.84935	-0.75049	-0.98522	-1.15407
MAL13P1.111	-0.19892	-0.18134	-0.25633	-0.4296	-0.45755	-0.45187	-0.51885	-0.72868	-0.85485	-0.65198	-0.49258	-0.47771	0.09152	0.16904	0.67871	0.64928	0.49345	0.58837	0.80364	0.46239	0.10834	-0.1533	-0.1034	-0.11358
PFE1040c	0.29485	0.54977	0.63686	0.95349	0.76177	0.97859	0.79014	0.82451	0.96002	0.93276	0.99024	0.85527	0.57793	0.55747	0.30355	1.12103	-0.13083	-0.1631	-0.36695	-0.58523	-0.60975	-0.40585	-0.35104	-0.04638
PFE1450c	-0.87599	-1.04231	-1.11467	-1.19388	-0.94838	-0.84486	-0.73673	-0.48584	-0.32106	-0.04971	0.46922	0.71704	0.94387	0.75501	0.797	0.72095	0.27244	0.47173	0.03887	-0.25911	-0.44732	-0.61842	-0.67954	-0.60911
MAL13P1.348	0.35947	0.40526	0.4247	0.32861	0.25559	0.01637	-0.11301	-0.19921	-0.4589	-0.20954	-0.0839	0.00497	0.21542	0.30247	0.40553	0.45253	0.60841	0.16726	0.17667	-0.01285	-0.04901	-0.00748	-0.13954	0.07314
PF07 0114	-0.3298	-0.12422	-0.11757	-0.24425	-0.02332	0.09378	0.18273	0.15746	0.0977	0.00708	0.03712	-0.02692	0.07053	0.12317	0.20359	0.26772	0.52615	0.38583	0.39084	0.25751	0.04346	0.1441	-0.09214	-0.14265
PF11 0007	-0.21593	0.82031	1.07875	1.91508	2.95924	2.75799	2.53047	2.41505	1.90789	1.32788	0.63721	0.01594	-0.21999	-0.1667	-1.23816	-0.69706	-1.64231	-1.47941	-1.83259	-1.22148	-0.78552	-1.1686	-0.82252	-0.79177
PF0610c	0.50093	0.69979	0.50546	1.014	1.13857	1.02406	0.72155	0.73429	0.45403	0.31457	0.29732	0.08781	0.19483	0.20743	-0.0943	-0.11201	-0.04847	0.04033	-0.04789	0.38016	0.68979	0.82277	1.0816	1.2397
PFD1145c	0.89527	0.33763	-0.38933	-0.87084	-1.13701	-1.81832	-2.20514	-2.46799	-3.06311	-3.44227	-3.72831	-4.12053	-4.24061	-4.23173	-4.08216	-3.27275	-1.41076	-0.55064	1.24822	1.29949	1.28158	1.25809	1.39193	1.25372
PF11 0144	0.84244	1.03134	1.01584	1.14133	1.10029	0.84697	0.79815	0.8579	0.63342	0.41071	0.30405	0.17072	0.19283	0.13308	0.16565	0.03247	-0.27176	-0.03942	0.21788	0.26195	0.32971	0.31523	0.49147	0.79446
PFE0005w	-0.2152	0.81142	0.87383	1.2158	1.3136	1.61083	1.45003	1.46199	1.37831	1.07019	0.60719	0.24546	-0.14379	-0.48728	-0.67515	-2.07877	-2.43625	-1.21438	-2.13078	-2.				

PF13 0191	-0.92027	-0.77422	-0.76517	-0.79544	-0.47227	-0.26238	0.14861	0.69608	0.95946	1.04277	1.04744	0.98051	0.84248	0.58937	0.29256	-0.06139	0.05122	-0.22082	-0.53056	-0.42876	-0.52129	-0.63066	-0.79297	-0.69541
PF10 0278	0.46337	0.64623	0.50504	0.81164	0.72769	0.76577	0.8177	1.03253	0.98671	1.07244	0.98831	0.80574	0.43745	0.04559	-0.30347	-0.55696	-0.95208	-1.04599	-1.02084	-0.90004	-0.61763	-0.15479	0.01836	0.43001
MAL7P1.33	-0.81025	-0.86648	-0.68269	-0.57445	-0.27312	0.3902	0.58039	0.62542	0.95141	0.9146	1.15257	1.1246	0.95933	0.53219	0.38815	0.2426	-0.2429	-0.3652	-0.32833	-0.74593	-0.81057	-0.77308	-0.75724	-0.54738
PF11 0540	0.36137	0.58592	0.65983	0.7899	0.65141	0.49822	0.53851	0.47369	0.53177	0.57063	0.59287	0.73435	0.51064	0.4653	0.32828	0.07942	0.17096	-0.1488	0.05591	0.00259	0.18188	0.13747	0.22491	0.43361
MAL8P1.125	-0.5035	-0.23485	0.22383	0.00323	0.20207	0.23387	0.24722	0.49746	0.40518	0.2227	0.55381	0.56724	0.62191	0.29949	0.4624	0.30466	-0.09637	-0.24888	-0.1433	-0.64774	-0.8555	-0.49363	-0.55496	-0.64733
PFL0470w	1.04155	0.82696	-0.20416	0.14656	-0.495	-0.61535	-0.67496	-0.73182	-0.76565	-1.15372	-0.76132	-0.657	-0.9241	-1.07502	-1.00976	-1.83985	-1.51203	-0.31817	1.02178	0.55198	0.9829	1.17857	0.9991	0.94806
PF11 0307	0.77535	0.60949	0.56936	0.46013	0.49883	0.563	0.50217	0.41335	0.08251	-0.07364	-0.22183	-0.3805	-0.40731	-0.35754	-0.25347	-0.2067	0.34365	0.45778	0.9148	1.1118	1.36145	1.12686	0.36363	1.0544
PF11 0422	0.05008	0.31764	1.30717	0.94718	0.76775	1.13073	1.13583	0.71545	0.59179	0.66619	0.37812	0.31577	0.20591	0.19031	-0.07905	-0.15669	-1.12667	-0.04223	-0.43045	0.11485	0.15339	0.21197	0.55391	0.58112
PF14 0122	-0.56981	-0.20635	-0.44331	-0.50878	-0.59006	-0.67699	-0.63201	-0.36277	-0.45265	-0.0932	0.33317	0.3913	0.41568	0.48032	0.61458	0.4972	0.17955	0.1864	-0.46632	-0.9554	-1.00618	-1.00477	-1.14193	-0.93101
PFE1305c	-0.37674	-0.57803	-0.66981	-0.74415	-0.68968	-0.67602	-0.65949	-0.34994	-0.42569	-0.2563	-0.16672	0.08088	-0.00271	0.03748	0.29529	0.49278	0.36217	0.36	0.93535	0.53365	0.4371	0.05793	0.08607	-0.05819
PF10 0379	-0.80301	-0.90949	-1.24586	-1.07417	-1.00801	-0.7206	-0.28769	0.19879	0.45759	0.62383	0.77116	0.73348	0.87048	0.63853	0.77091	0.58934	0.206	0.16729	0.43067	-0.15123	-0.48187	-0.4328	-0.47955	-0.44448
PF10 0218	1.0753	0.22536	-0.32464	-0.10719	-0.00598	-0.49311	-0.72244	-0.83071	-1.44981	-1.55686	-1.44604	-1.27639	-0.93385	-0.66897	-0.13102	0.03961	-0.02656	0.15039	1.14255	0.92491	0.93802	0.63552	0.81936	1.2561
PFE0940c	-0.03099	0.12249	0.27608	0.54482	0.65621	0.59578	0.57295	0.54752	0.2787	0.2277	0.2622	0.17489	0.22067	0.08327	-0.2057	-0.02127	-0.21047	-0.19626	0.07125	-0.00998	0.10738	0.20874	0.39559	0.52948
PF07 0088	-0.02026	-0.29791	0.16902	0.22553	0.15678	0.58143	0.35131	0.51774	0.83016	0.66789	0.85443	0.63949	0.77092	0.46672	0.4381	0.14888	-0.616	-0.75255	-1.11794	-1.67829	-1.84117	-1.29226	-1.09667	-1.11529
PF10 0034	0.48744	0.0415	-0.81154	-0.33666	-0.50172	-0.84926	-1.14263	-1.4537	-1.90933	-2.18212	-2.35243	-2.34577	-2.36161	-1.74862	-0.83056	0.10685	0.77293	0.98656	1.16775	1.31982	1.24088	1.18125	1.03196	0.547
PFC0145c	0.32123	-0.02748	-0.27476	-0.22578	-0.23792	-0.1722	-0.17421	-0.1874	-0.21267	-0.40218	-0.53988	-0.70731	-0.63273	-0.62079	-0.34342	-0.0598	0.28888	0.46442	0.9573	0.80439	0.7524	0.65377	0.64754	0.47736
PF08 0040	0.78031	1.09175	1.05697	1.4015	1.12154	1.12477	1.02479	0.90043	0.80189	0.63965	0.68732	0.63085	0.51475	0.33258	0.24322	0.05496	-0.3891	-0.37081	-0.05731	-0.58253	-0.33744	-0.34165	0.14993	0.47289
PFE1545c	0.09576	-0.22217	-0.27139	-0.56682	-0.6641	-0.68299	-0.81522	-1.11352	-1.23582	-1.2659	-1.27983	-1.3094	-1.1313	-0.5536	-0.0398	0.46782	1.25214	0.9103	0.71753	0.97519	1.12577	0.72642	0.47568	-0.05144
PF13 0093	0.07198	0.24169	0.29244	0.31731	0.50594	0.4312	0.4543	0.69479	0.6264	0.50082	0.70404	0.61526	0.49417	0.2979	0.25762	0.1577	-0.72937	0.01894	0.12629	0.01177	0.11245	-0.0638	-0.09291	-0.04471
MAL13P1.229	-0.80159	-0.77647	-0.79894	-0.87774	-0.7225	-0.70437	-0.70951	-0.54455	-0.65031	-0.49737	0.1586	-0.08882	0.45502	0.23733	0.60933	0.58171	0.40349	0.41325	0.37157	-0.00112	-0.21797	-0.39803	-0.50264	-0.38879
PFE1000c	-0.31431	-0.3325	-0.04461	-0.46398	-0.2476	0.08449	0.06136	0.52733	0.43843	0.6465	0.59377	0.74192	0.386	0.40655	0.49111	0.48173	0.13112	0.34346	0.07773	-0.02098	-0.40598	-0.4096	-0.76019	-0.78485
PF13 0200	-0.95219	-1.04458	-0.99025	-1.2684	-1.36073	-1.31536	-0.87502	-0.68012	-0.26203	0.04253	0.18258	0.47486	0.64004	0.61603	0.64615	0.60807	0.24947	0.43912	0.10239	-0.07229	-0.24964	-0.50504	-0.7464	-0.9236
PFE0440w	-0.2208	-0.53664	-0.69615	-1.14662	-1.24054	-1.52137	-1.81863	-2.006	-2.35835	-2.63386	-2.78378	-2.7221	-2.07004	-0.98271	-0.02857	0.62907	1.02789	1.06852	0.2607	1.03579	0.88874	0.49141	0.12694	-0.38204
PFI0820c	1.25153	1.22383	1.06982	1.36513	1.30078	1.23657	0.81824	0.63779	0.0527	-0.6839	-0.65039	-0.93212	-1.31687	-1.33923	-1.25842	-1.14553	-1.43412	-1.24004	0.00666	-0.0241	0.20911	0.29114	0.74283	0.88885
PF10 0084	-1.22302	-1.35564	-0.92838	-1.48261	-1.7631	-1.56811	-1.54993	-1.94299	-1.03441	-0.74691	-0.37554	0.00977	0.1338	0.62556	0.72389	0.77536	0.47142	0.58704	0.28266	0.03619	-0.41611	-0.02123	-0.33359	-0.65844
PF10 0017	-1.47437	-1.51949	-1.35903	-1.55648	-1.49238	-1.81611	-1.81047	-1.02987	-0.62308	0.0763	0.88914	1.01567	1.142	0.8835	0.8429	0.50005	-0.17266	-0.08172	-0.51776	-1.15455	-1.64185	-2.10643	-2.24	-2.12941
PF10 0357	1.05705	0.35908	-0.35678	-0.84067	-1.35481	-1.93278	-2.24629	-2.60014	-3.30654	-3.47592	-3.66737	-3.90801	-4.0906	-4.14627	-3.94156	-3.2221	-1.68841	-0.03176	0.86661	1.16315	1.39911	1.1885	1.22025	0.9439
PFL1590c	-0.18327	-0.31638	-0.20478	-0.32464	-0.40767	-0.07325	0.02375	0.13039	0.30018	0.51493	0.59335	0.70555	0.81756	0.76631	0.41542	0.37308	0.78026	0.20053	0.15638	-0.07781	-0.27256	-0.29342	-0.38736	-0.31386
PF11 0188	-1.35408	-1.12512	-0.66293	-0.22497	-0.26736	0.07107	0.33436	1.0474	1.60248	1.79491	1.74381	1.56188	0.99709	0.53956	0.00519	-0.43818	-0.84394	-0.92954	-1.06388	-0.70087	-1.22433	-1.10373	-1.0328	-0.99666
PF14 0156	0.50546	0.99589	0.53564	1.19467	1.03286	1.03218	1.16565	1.25826	1.18834	1.14626	1.04694	0.76777	0.51165	0.06098	-0.07209	-0.38619	-0.83535	-0.81411	-0.91257	-1.01995	-0.73349	-0.24518	0.03611	0.21774
PFA0395w	-1.38359	-0.96148	-0.9165	-1.00864	-0.51123	-0.26521	0.13142	0.46476	0.67164	0.6508	0.72993	0.78947	0.69097	0.5321	0.61129	0.32645	0.01129	-0.25519	-0.25772	-0.64738	-0.7852	-0.87841	-0.92365	-0.73448
PFI1650w	-0.00662	0.15817	0.35801	0.47482	0.41685	0.61826	0.70876	0.51778	0.53154	0.55096	0.63963	0.64938	0.5272	0.35524	0.35858	0.24717	0.37154	-0.04912	0.32927	0.05155	-0.0643	-0.07089	0.03225	0.1966
PFI0715w	-0.36577	0.11983	-0.00841	-0.2852	-0.18121	-0.27716	-0.35756	-0.20208	-0.25627	-0.33921	-0.1789	-0.26318	-0.18434	-0.40828	-0.17521	-0.0501	-0.24663	-0.26286	0.43605	-0.14416	-0.3508	-0.41606	-0.18248	0.00875
PF14 0102	-0.06548	-0.89824	-1.54741	-2.33968	-3.03328	-3.46334	-3.95928	-4.58799	-5.20919	-5.42529	-5.53565	-6.01134	-5.64127	-4.00716	-1.41238	-0.11776	0.44761	0.71705	0.87777	1.80872	0.87003	0.47332	0.6825	-0.28302
PFC0115c	0.3522	0.36561	0.44742	0.65175	0.84305	0.71988	0.66828	0.82662	0.35381	0.29243	-0.05361	0.14997	0.04282	0.02952	0.04224	0.20601	0.39206	0.26636	0.32729	0.58467	0.52279	0.43901	0.38574	0.4684
PFE0490w	0.27903	0.36322	0.34131	0.38566	0.45415	0.4777	0.5835	0.55724	0.37834	0.19794	0.12771	0.15972	-0.0184	0.23275	0.23295	0.22873	0.02016	0.17677	0.47465	0.31207	0.27157	-0.03504	-0.15985	-0.03777
PF14 0286	-0.67047	-0.62433	-0.51865	-0.70574	-0.61828	-0.70539	-0.49892	-0.53459	-0.37338	0.28213	0.46714	0.5228	0.60308	0.72343	0.64619	0.51173	0.26414	0.20723	-0.16172	-0.2216	-0.57523	-0.64856	-0.78233	-0.79632
PFE0860c	1.75185	1.94267	1.43589	2.07642	2.17522	1.58213	1.15427	1.20205	0.31567	-0.04021	0.04288	-0.21556	-0.32203	-0.61877	-0.81469	-0.89118	-0.59873	-0.76574	-0.56697	0.29044	1.10226	0.62174	1.32924	1.58207
PF07 0046	0.05227	0.39957	0.62623	0.70996	0.66089	0.90459	0.79359	0.61447	0.59823	0.48692	0.53825	0.66554	0.56684	0.49236	0.48346	0.34338	0.16627	-0.13329	-0.12655	-0.46258	-0.61008	-0.33008	-0.27978	0.05084
MAL13P1.81	-0.09177	-0.33536	-0.08129	0.20139	0.31368	0.49311	0.42832	0.67707	0.86123	0.63376	0.83172	0.73418	0.45483	-0.10939	-0.09967	-0.23354	-0.51588	-0.24086	0.93411	0.06604	0.01376	-0.10983	0.17647	0.33937
PF11 0375	0.58563	0.41981	0.6217	0.63692	0.58859	0.31825	0.22964	0.22327	-0.11672	-0.02017	0.00064	0.15681	-0.053	-0.01476	-0.11877	-0.21519	-0.23414	-0.31596	-0.03638	0.10494	0.27117			

PFC0915w	-0.58678	-0.52645	-0.56629	-0.73973	-0.54904	-0.41287	-0.17183	-0.00967	0.29296	0.39681	0.59287	0.5286	0.42522	0.27247	0.32038	0.17848	-0.09751	0.05579	-0.13699	-0.15042	-0.26949	-0.18482	-0.24465	-0.33066
PFE0480c	0.26925	-0.2078	0.25344	0.15249	0.1779	0.09843	0.03095	0.13827	0.08388	0.34031	0.44442	0.63861	0.64567	0.39972	0.2198	0.11829	-0.25435	0.00646	0.15323	0.07987	0.41211	0.36788	0.42995	0.45392
PF13 0171	-0.34532	-0.05021	0.11685	0.40726	0.33572	0.65797	0.45459	0.73896	0.85053	0.69609	0.8531	0.8105	0.67823	0.35138	0.19321	-0.11909	-0.83127	-0.76278	-0.8415	-1.23128	-1.48879	-1.11876	-0.87109	-0.68894
PF14 0348	-0.83316	-0.62498	-0.78591	-0.86705	-0.6773	-0.75669	-0.6705	-0.48483	-0.28521	0.09811	0.18142	0.64493	0.47191	0.53066	0.39248	0.26561	0.45609	0.17385	-0.27386	-0.14722	-0.34992	-0.58348	-0.57219	-0.77483
PFD0755c	0.90067	1.02148	0.62164	0.8509	0.60015	0.38406	0.13208	0.11087	-0.00131	0.01965	-0.12527	-0.08578	-0.43199	-0.4936	-0.64779	-0.77307	-0.72187	-0.5311	-0.39268	0.13754	0.43313	0.34146	0.65437	0.73439
PF03 0255	0.12413	-0.41699	-0.61528	-0.49324	-0.62168	-1.00261	-1.1758	-1.48417	-1.86096	-2.01121	-1.99315	-2.02009	-2.13656	-1.92964	-1.15341	-0.12606	0.84824	0.24498	1.78886	1.00899	1.15765	0.68362	0.81474	0.74062
PFF07 0104	1.53112	0.35885	-0.03387	-0.49596	-0.89234	-1.31746	-1.6746	-1.95653	-2.42817	-2.87306	-2.9697	-3.13532	-3.27495	-3.4006	-3.58942	-3.20723	0.51266	-0.65521	0.41802	1.05918	1.373	1.60742	1.37309	1.36382
MAL8P1.99	-0.84719	-1.20558	-0.63914	-0.8557	-0.85491	-0.75151	-0.71137	-0.56112	-0.08776	0.23905	0.53577	0.67712	0.77223	0.71705	0.62529	0.55075	0.34823	0.22423	0.16055	-0.2813	-0.50255	-0.65624	-0.70718	-0.64124
PF10 0264	-0.57344	-0.0777	0.56123	0.32337	0.54943	0.42478	0.43853	0.13046	0.35804	0.42255	0.63997	0.33289	0.34231	0	-0.08039	-0.43139	-0.39735	-0.85918	-1.92313	-2.28382	-1.93439	-1.45188	-1.3496	-0.73769
PFL0825c	0.69329	0.87187	0.38987	1.22598	1.45575	1.21995	1.24709	1.52138	1.03992	0.80455	0.54787	0.42143	0.17985	-0.04959	-0.16146	-0.13225	-0.03084	0.03111	0.16337	0.40776	0.44661	0.56	1.00775	1.05192
PF11 0463	0.11005	-0.07194	-0.05552	0.53656	0.69543	0.69546	0.55877	0.39011	0.14448	0.10445	-0.1638	0.05537	-0.05656	0.18782	-0.14454	0.05331	0.26214	-0.10308	0.08156	0.01482	-0.01679	0.05606	-0.00293	
MAL13P1.45	-0.22128	0.38112	0.51853	0.51308	0.32612	0.26972	0.2895	0.43943	0.16129	0.15541	0.10874	0.13735	0.12552	-0.04014	0.06857	0.02946	0.03919	-0.40896	-0.59638	-0.68846	-0.59386	-0.29929	-0.31087	-0.21628
PF11 0402	0.80176	1.04005	1.12329	1.68883	1.80509	1.97423	1.86416	1.42455	1.13657	0.64925	0.15078	-0.08368	-0.14172	-0.20079	-0.45389	-0.59849	-0.70858	-0.86657	-1.1912	-0.78667	-0.35458	-0.09342	0.3009	0.62576
PFI0785c	0.59231	-0.06942	-0.43809	-0.33283	-0.57024	-0.61742	-0.9181	-1.1991	-1.25439	-1.22277	-1.41876	-1.47505	-1.41386	-1.5241	-0.69373	0.08675	0.07738	0.52463	1.42914	1.06141	0.97251	0.82505	0.8475	0.72895
PFL0590c	0.20733	-0.20199	-0.18921	-0.01444	0.00088	0.11341	0.21176	0.30962	0.41121	0.14795	0.29079	0.11189	0.09771	-0.21215	-0.51827	-0.56034	-0.37188	-0.356	0.40396	0.08017	0.15715	0.01876	0.21052	-0.02473
PF14 0365	0.82898	0.91091	0.65675	1.01386	0.95053	0.81413	0.77397	0.63815	0.34358	0.3473	0.53432	0.66527	0.2613	0.09137	0.19985	0.11884	-0.24844	-0.22912	-0.04201	-0.19704	-0.04098	0.07281	0.37058	0.50221
PF1145w	0.28376	0.71511	0.45055	0.78663	0.70317	0.70869	0.78324	1.32412	0.80162	0.69063	0.52695	0.56162	0.28007	0.51265	0.16302	0.00804	-0.00916	-0.24378	-0.16098	-0.23026	-0.17715	-0.18906	-0.13286	0.24466
PFL0165c	-0.20696	-0.144	-0.15834	-0.1276	0.03414	-0.10755	-0.17283	-0.2891	-0.12141	0.14346	0.26197	0.32975	0.39567	0.39694	0.61057	0.48555	0.08508	0.21121	0.60696	0.34986	0.26763	0.24054	0.29056	0.17801
PFF1015w	-1.13201	-0.91793	-0.74945	-0.58262	-0.20273	-0.10202	0.21844	0.4122	0.64486	0.82326	0.87017	0.80086	0.78121	0.64468	0.4196	0.12955	0.07107	-0.20796	-0.44782	-0.64119	-0.73854	-1.00956	-0.95257	-0.76225
PFI0995w	-0.25489	-0.40925	-0.50084	-0.3601	-0.06971	-0.23393	-0.33529	-0.42652	-0.28918	-0.08693	0.14826	0.30619	0.49614	0.36073	0.55934	0.56004	0.47171	0.53602	0.64157	0.371	0.37635	0.08875	0.33543	0.4317
PF11 0423	-0.03229	0.15796	-0.35304	-0.35701	0.01353	-0.03544	0.14669	-0.17622	-0.20956	-0.11239	-0.24568	-0.3477	0.07099	0.33463	0.5278	0.15429	0.27617	0.67054	0.16921	0.20902	0.2236	0.11694	0.18242	
PF13 0315	-0.12823	0.09975	0.22319	0.31306	0.30437	0.40539	0.42145	0.65933	0.75102	0.78388	0.65521	0.70257	0.43779	0.25556	0.03489	-0.23352	-0.52858	-0.84298	-0.9497	-0.96642	-0.95049	-0.47532	-0.35186	-0.21183
PFC0486c	1.35736	1.43805	1.00338	0.91934	0.93496	0.66349	0.14246	0.09451	-0.33853	-0.75226	-0.65957	-0.81045	-1.12127	-1.54117	-1.46508	-1.29231	-1.61996	-0.94846	0.02382	0.06562	0.34508	0.41535	0.60272	0.75899
PFD0335c	-0.56903	-0.27785	-0.37394	-0.62888	-1.01063	-0.95573	-1.05081	-0.99035	-0.18778	0.38451	0.66662	0.82304	1.01036	0.71772	0.87632	0.64201	0.12732	0.30279	0.35599	-0.08191	-0.27023	-0.21936	-0.23877	-0.31454
MAL13P1.300	-0.52854	-0.41929	-0.27519	-0.34404	-0.44041	0.47103	0.44659	0.65624	0.82526	0.847	0.88443	0.92537	0.65813	0.46977	0.26776	0.15041	-0.09505	0.07619	-0.27929	-0.29184	-0.60465	-0.42404	-0.47651	-0.33854
PFL2295w	0.74728	1.18883	1.18426	1.19865	1.06935	1.32903	1.26807	1.2531	0.90367	0.75539	0.81882	0.41019	0.02708	-0.2803	-0.51742	-0.82068	-1.18483	-1.42796	-1.32806	-1.22291	-0.72082	-0.21362	0.04891	0.53105
MAL13P1.153	0.77096	1.15525	1.43442	0.86838	1.02729	1.21826	1.0013	1.09605	1.058	0.6789	0.76854	0.91289	0.76543	0.30416	0.18411	-0.03029	-0.5341	-0.60752	-0.47991	-0.93335	-0.82298	-0.13157	0.16702	0.32592
PFD0800c	-0.5465	-0.66635	-0.4453	-0.88199	-0.78064	-0.99153	-1.00213	-1.21144	-1.3387	-1.03956	-0.83839	-0.61722	-0.02523	0.28329	0.50863	0.58175	0.615	0.44732	0.32844	0.22547	0.07201	-0.01003	-0.11522	-0.27948
PF11 0255	0.10226	0.283	0.20503	0.24285	0.24998	0.23636	0.8763	0.31197	0.28668	0.27145	0.545	0.52333	0.37667	0.18768	0.29395	0.18813	-0.16276	0.09641	-0.06348	-0.26592	-0.10265	-0.22468	-0.05739	0.17015
PFE0215w	-0.70607	-0.80877	-0.75967	-0.77324	-0.71715	-0.769	-0.80951	-0.38781	-0.0413	0.13167	0.31124	0.42946	0.70526	0.81842	0.74343	0.71558	0.26942	0.36861	0.36974	-0.13711	-0.3463	-0.52623	-0.66617	-0.58002
PF11 0099	-1.12041	-0.83708	-0.56467	-0.56796	-0.64429	-0.43183	-0.2214	-0.37156	-0.31417	-0.41168	-0.4021	-0.25004	0.03545	0.20251	0.5872	0.66282	0.41401	0.35001	-0.07933	-0.45462	-0.63954	-0.77847	-1.01704	-0.92741
PFF0670w	-1.29416	-1.70329	-1.59111	-2.26519	-2.45048	-2.71777	-2.9475	-3.31307	-3.31844	-3.29496	-3.1925	-2.4914	-1.43264	-0.17393	0.43492	0.89929	1.37828	1.11241	-0.11368	0.44587	0.20017	-0.16066	-0.69794	-1.2609
PF14 0318	-0.74082	-1.06454	-1.01379	-1.29059	-1.20548	-0.76773	-0.17171	-0.00382	0.41866	0.57226	0.52666	0.82799	0.78219	0.84618	0.46677	0.26625	0.23938	0.32651	-0.22473	0.00972	-0.09825	-0.34176	-0.63998	-0.89736
PFF0195c	-0.41318	-0.64094	0.24463	-0.1677	-0.17761	-0.09195	0.00665	-0.00195	0.7907	1.0611	1.03122	1.10608	1.06799	0.89111	0.59379	0.32343	0.22826	-0.06817	-0.17419	-0.20355	-0.24463	-0.05475	-0.06085	-0.0752
PF14 0238	-0.55711	-0.32674	-0.58953	-0.75084	-0.76796	-1.03234	-1.03183	-1.16572	-1.21948	-0.94387	-0.67183	-0.74176	-0.3806	-0.08779	0.45032	0.456	1.02079	0.64928	0.37168	0.52526	0.38703	0.00811	-0.3296	-0.2813
PFD0990w	-0.05532	-0.15309	-0.71759	-0.38648	-0.41226	-0.20295	0.05846	0.424	0.36476	0.43067	0.61479	0.7779	0.65529	0.31188	0.42517	0.59628	0.30292	0.47947	0.49866	0.36111	0.47214	0.24673	0.35572	-0.05298
PFC1080c	0.13197	0.67224	0.51679	0.90888	1.13734	1.09557	1.18236	1.71328	1.45409	1.44269	1.41845	0.93264	0.68603	0.12152	0.08691	-0.25736	-0.40581	-0.72296	-0.41946	-0.70746	-0.75313	-0.7416	-0.45005	-0.16551
MAL13P1.344	-0.58162	-0.40473	-0.16692	0.42268	0.62485	0.49511	0.52256	0.62197	0.73161	0.76542	0.83373	0.79801	0.81652	0.56948	0.40008	0.18415	-0.11771	-0.31505	-0.31109	-0.66844	-0.92038	-0.82231	-0.7253	-0.60541
PFA0660w	1.50892	1.59504	1.60595	1.75121	1.82817	1.82897	1.69333	1.56445	1.11106	0.46834	-0.10424	-0.61655	-0.89275	-1.13947	-1.1486	-1.36021	-1.17487	-1.61948	-1.10502	-0.74817	-0.0104	0.57827	0.93526	1.23361
PFF0970w	0.37509	0.47975	0.23339	0.49535	0.27065	0.20793	0.19343	0.27708	0.28844	0.28354	0.43684	0.409	0.15096	-0.08508	0.14246	0.10856	-0.32163	-0.3045	0.70525	0.18311	0.44162	0.37782	0.52237	0.58971
PF13 0156	-1.23297	-1.00646	-0.76518	-0.93907	-0.88345	-0.81201	-0.76699	-0.28018	-0.61799	-0.38386	-0.04775	0.12909	0.28956	0.25678	0.53272	0.51505	0.20805	0.26345	-0.2431	-0.44409	-1.03088	-		

PFI1710w	-0.80602	-1.1188	-1.35181	-1.63808	-1.69857	-1.81872	-1.86642	-1.87208	-1.7303	-1.1191	-0.7116	-0.08506	0.50538	1.08863	1.12194	1.07073	0.42399	0.90594	0.26205	0.02637	-0.61478	-1.03072	-1.24268	-1.39764
PFI0985c	-0.12491	-0.33976	-0.67365	0.04981	0.27763	0.29116	0.15518	0.58257	0.45674	0.21993	0.53002	0.36529	0.18909	-0.03673	0.01466	-0.07546	-0.50685	-0.21959	0.11863	-0.34895	-0.1495	-0.06642	-0.13987	0.18781
MAL13P1.340	0.77888	0.7021	0.471	0.46887	0.66475	0.41398	0.39957	0.40717	-0.01261	0.03392	-0.25097	-0.55968	-0.57671	-0.32005	-0.26394	0.04649	-0.08587	0.31353	0.32391	0.50045	0.45537	0.37526	0.4505	
PF0625w	0.15436	0.52659	0.6519	0.89155	0.78473	0.70184	0.84923	1.21267	1.26248	1.29506	1.1081	0.91679	0.53522	0.23679	-0.13669	-0.47103	-1.05979	-1.14593	-1.33113	-1.2009	-0.92916	-0.45103	-0.28441	0.00258
PF0100c	0.74507	0.95486	1.21288	0.89939	0.79093	0.96691	0.81409	0.70899	0.7503	0.60153	0.77248	0.38699	0.5192	0.27829	0.35149	0.12444	0.23948	-0.30222	-0.13536	-0.40428	-0.25818	0.08412	0.22619	0.40053
PF13 0193	-0.22132	-0.74801	-0.52325	-0.86639	-1.12551	-1.18163	-1.05831	-1.53394	-1.42878	-1.387	-1.20532	-0.71519	-0.31877	0.02626	0.4741	0.70073	0.95785	0.64029	1.16983	0.88776	0.64755	-0.12723	-0.49317	-0.80823
PF0085c	-1.81051	-2.01856	-1.12714	-1.66399	-0.93182	-0.1926	1.16	1.43344	1.57993	1.53558	1.31791	1.25818	0.86917	0.55146	0.0237	-0.22244	-0.61291	-0.70643	-1.11801	-1.42688	-1.68657	-1.86632	-1.88945	-1.46195
PFL1830w	0.03553	0.52922	0.80713	0.47334	0.32064	0.59628	0.45501	0.57773	0.41613	0.51391	0.65446	0.49465	0.61235	0.11973	0.32694	0.13555	0.23444	-0.38307	-0.42687	-0.64768	-0.78827	-0.36617	-0.18479	0.02963
PF0575c	-0.05764	-0.05164	-0.21848	-0.2445	-0.4644	-0.68095	-0.60391	-0.98013	-0.97121	-1.12411	-1.50096	-1.49729	-1.6132	-1.59748	-0.71647	0.08099	0.892	0.14618	1.11232	0.70456	1.00339	0.42965	0.28359	0.16832
PFI1040c	0.649	0.77323	1.11946	1.164	1.22167	1.26966	1.21167	1.16818	1.16574	1.05094	0.93462	0.64199	0.39453	0.09445	-0.29264	-0.59939	-0.60031	-0.98951	-1.02844	-1.06815	-0.80843	-0.33838	-0.11223	0.06038
PF0690c	-0.47298	-0.61442	-0.3354	-0.15242	-0.28347	0.05655	0.09333	0.09809	0.01987	-0.27559	-0.04081	0.23653	0.2389	0.41672	0.53488	0.61888	0.07652	0.4276	0.30133	-0.32011	-0.32535	-0.02939	-0.54661	-0.80856
PF07 0106	0.6108	0.72494	0.62997	0.91111	1.18485	1.1365	1.15197	1.42322	1.36327	1.18021	1.00141	0.60801	0.11461	-0.20642	-0.51187	-0.8439	-0.58258	-1.12718	-0.08333	-0.38299	-0.01759	0.33324	0.64578	0.73175
PFL0845w	-0.17023	0.08959	0.26544	0.37149	0.24957	0.13048	0	0.00934	-0.24077	-0.38106	-0.28215	-0.36341	-0.33459	-0.73246	-0.54159	-0.49711	-0.5346	-0.69587	-0.40851	-0.38471	-0.35024	-0.21063	-0.21358	0.11558
PF08 0100	0.3214	0.40094	0.7409	0.46649	0.26563	0.37775	0.19256	0.40444	0.14858	0.3717	0.40196	0.40854	0.25544	0.29723	0.22609	0.50202	0.26856	0.3509	0.22535	0.18247	0.2584	0.2476	0.44992	
PF14 0191	-0.27782	0.33753	0.30459	0.37687	0.46552	0.40799	0.20543	0.33506	0.3892	0.40809	0.42815	0.4956	0.51875	0.271	0.08599	-0.38576	-0.46463	-0.80963	-1.43312	-1.17065	-1.13217	-0.75615	-0.66865	-0.42767
PF10 0272	-0.66443	-0.29976	-0.0839	-0.02943	-0.26507	0.05496	0.07383	0.11838	0.20924	0.41509	1.16166	0.49653	0.51645	0.52543	0.37729	0.15002	-0.31189	-0.57017	-1.18262	-1.70579	-1.69466	-1.15873	-1.27472	-1.05057
PF14 0101	0.02092	-0.01869	-0.14096	0.33846	0.27744	0.29013	0.16927	-0.21804	0.07573	0.12976	0.08286	0.41408	0.52887	0.7602	0.38882	0.16972	0.502	0.07225	-0.50531	-0.20927	-0.141	-0.13056	-0.19009	-0.14126
PF0635c	0.77273	0.903	0.56044	0.84667	0.71004	0.74687	0.63499	0.96959	0.73411	0.37124	0.51445	0.63992	0.19475	-0.2605	-0.20854	-0.44478	-0.85238	-0.64907	-0.22302	-0.35784	-0.10926	0.28341	0.56075	0.54905
PF1460c	1.28455	0.45694	0.55879	0.12601	0.56751	0.23598	0.58362	0.49358	-0.02937	0.34823	-0.59502	-0.12608	-0.53706	-0.74597	-1.05765	-1.19295	-1.7945	-0.73757	1.1723	0.92449	1.04373	1.06895	1.02001	1.99178
MAL13P1.283	-0.48402	0.11982	0.30053	0.26161	0.35228	0.42063	0.42879	0.69241	0.80454	0.84547	0.98253	1.04204	0.89958	0.39353	0.13325	-0.37128	-0.82861	-1.22891	-1.4433	-1.72893	-1.52112	-1.00835	-0.84031	-0.58878
PFL2020c	-0.10861	0.12067	-0.411	0.25274	0.24542	0.23804	0.33974	0.2809	0.24759	0.12656	0.15001	0.24041	0.27934	0.45175	0.60258	0.74066	0.58283	0.50654	0.73011	0.39594	0.03897	-0.05085	-0.17564	-0.1633
PF0745c	-0.47621	-0.31369	-0.13964	-0.34101	-0.18057	-0.39097	-0.34215	-0.32108	-0.5871	-0.40054	-0.11262	-0.08119	0.2281	0.23108	0.50101	0.44348	0.14387	0.17543	0.22046	-0.01099	-0.07416	-0.09969	-0.21843	-0.24033
PF11 0270	-0.78546	-0.4717	0.05956	-0.03729	-0.1148	0.28015	0.20641	0.36349	0.35326	0.4567	0.45131	0.42466	0.54082	0.30164	0.36359	0.1085	-0.07628	-0.5242	-0.45227	-0.9927	-1.005	-0.72972	-0.83332	-0.72358
PFL0560c	-0.25244	-0.37859	-0.63974	-0.65122	-0.60009	-0.83999	-0.70073	-0.81923	-0.79995	-0.22963	-0.41172	-0.41923	-0.14884	0.45242	0.42373	0.36178	0.64884	0.53778	0.54756	0.61332	0.44843	-0.05814	-0.9657	-0.23821
PFI1785w	-1.35163	-1.25641	-0.76413	-0.85105	-0.4788	0.46866	1.23682	1.68509	2.59936	2.44158	1.99728	1.47864	0.67704	0.21674	-0.2302	-0.60345	-0.73518	-0.98129	-1.17061	-1.54763	-1.61171	-1.49093	-1.96255	-1.89675
PFL0300c	0.09853	-0.30391	-0.37427	-1.07412	-1.33579	-1.86557	-2.15251	-2.4476	-2.91554	-3.42368	-3.48251	-3.6423	-3.55184	-2.98514	-1.44834	0.08596	0.86647	0.77366	1.29333	1.03481	0.98598	0.55773	0.51943	0.01885
PF10 0361	0.39851	0.48568	0.52614	0.69442	0.58656	0.5619	0.46272	0.21034	0.42628	0.45481	0.36602	0.48758	0.3491	0.48346	-0.02419	-0.3975	-0.5656	-0.5447	-1.28556	-0.39264	-0.15224	0.10013	0.26768	0.3638
MAL7P1.208	-0.21854	-0.86923	-1.34992	-2.10848	-2.89855	-3.28825	-3.46808	-4.45059	-4.53884	-5.20515	-5.34101	-5.64407	-5.47623	-3.58096	-1.1885	0.18975	0.43123	0.90785	0.68853	1.45502	1.39677	0.92445	0.87266	-0.28962
PF14 0514	-0.77407	-0.85578	-0.96164	-1.21786	-1.20042	-1.29041	-1.26918	-0.44839	-0.17015	0.13518	0.67577	0.72797	0.83865	0.67163	0.6997	0.73378	0.31081	0.5074	0.4007	-0.21972	-0.46153	-0.87306	-1.16136	-0.97688
MAL13P1.166	0.57137	0.25984	0.48242	0.79367	1.1481	1.19187	1.05836	0.94245	0.56924	0.48643	0.1845	0.13321	-0.09791	-0.11472	-0.19749	0.00983	0.52032	0.28927	0.93949	0.88013	0.91887	0.63838	0.72713	0.58537
PFI095w	0.42169	0.39726	0.32538	0.4453	0.65864	0.3654	0.22092	-0.10578	-0.33342	-0.54286	-0.68482	-0.72663	-0.70296	-0.3526	-0.23677	-0.09813	0.4605	0.47727	0.30909	0.81612	0.85338	0.63883	0.74615	0.74276
PFI1230c	-0.56201	-0.24171	-0.1662	0.32982	0.46775	0.64398	0.65761	1.10749	1.19062	1.14759	1.24955	1.11831	0.77045	0.30649	0.11647	-0.18381	-0.54698	-0.60904	-0.59171	-0.69483	-0.43653	-0.74114	-0.67712	-0.44093
PFI0650c	-0.01396	0.2124	0.50446	0.52891	0.92653	0.98095	0.9432	1.00649	0.96425	0.76368	0.74976	0.70344	0.5241	0.43325	0.30036	0.16409	-0.13175	0.02492	-0.07778	-0.34268	-0.76004	-0.60602	-0.51769	-0.37778
PFE0080c	-0.2229	-1.00102	-1.01281	-1.59667	-1.93502	-2.16828	-2.55042	-2.86628	-3.40895	-4.03205	-4.08934	-4.50168	-4.66423	-4.01787	-1.89517	-0.10696	0.21875	0.61846	1.4575	1.36784	1.07955	0.76303	0.89503	0.10987
PF14 0087	0.63902	0.90798	0.94962	1.36468	1.31935	1.5479	1.38295	1.40692	1.4013	1.30905	1.14195	0.82525	0.50738	0.23207	0.06188	-0.10193	-0.30974	-0.41435	-0.45161	-0.65071	-0.69851	-0.37997	-0.123	0.24898
PF10 0152	-0.63627	-0.8697	-0.81308	-1.13542	-1.11395	-0.89221	-0.5997	-0.24659	0.47979	0.57057	0.72671	0.73881	0.74198	0.43055	0.42147	0.2829	0.31306	-0.14984	0.1814	-0.09901	-0.10703	-0.31188	-0.07763	-0.38981
PF08 0003	1.73636	2.00591	1.8174	1.55294	1.36057	0.50578	-0.04275	-0.65513	-1.68969	-2.48874	-2.73482	-3.402	-3.80401	-4.16699	-4.22826	-4.49654	-4.19342	-3.56347	-1.96231	-0.32043	0.38857	0.858	1.10913	1.49741
PF14 0357	0.15611	-0.04041	-0.14196	-0.00538	-0.08857	-0.09583	-0.18235	-0.21222	-0.42882	-0.43729	-0.22527	-0.20698	0.08959	0.21372	0.46535	0.56946	0.67925	0.58666	0.8663	0.59021	0.49014	0.38164	0.16749	0.21295
MAL13P1.141	-0.20772	-0.43027	-0.89067	-0.8069	-1.27221	-1.26862	-1.7259	-1.62854	-1.72702	-1.5258	-1.0111	-0.61104	-0.29727	-0.30564	0.35755	0.614	0.52834	0.74121	0.89619	0.47462	0.41638	0.19178	0.12672	-0.2527
PF10 0279	0.78453	0.94591	0.29159	0.45223	0.33144	0.05551	-0.03295	0.01007	-0.26668	-0.33683	-0.23226	-0.37415	-0.3631	-0.42748	-0.40408	-0.59058	-0.60035	-0.29336	-0.46006	0.27565	0.47318	0.52158	0.59822	0.69669
PFE0380c	-0.21635	-0.27629	-0.72141	0.20571	0.35557	0.63655	0.55646	0.57045	0.39249	0.48897	0.52062	0.59007	0.64353	0.56699	0.52047	0.523	0.21571	0.32778	0.33725	0.02646	-0.28472	-0.36482	-0.21152	-0.2921

PFL0115w	0.41737	0.60887	0.60404	0.56418	0.79427	0.58774	0.67027	0.24162	0.46087	0.31937	0.04195	0.26851	0.19655	0.31818	0.16099	0.19616	0.24957	0.36552	-0.07221	0.25166	0.26035	0.53158	0.4445	0.52721
PFE0960w	-0.23404	-0.17042	-0.64498	-0.51312	-0.82131	-0.88539	-0.93681	-0.77532	-0.53679	-0.4793	-0.04043	0.19169	0.38018	0.36713	0.85323	0.94554	0.51535	0.72068	1.00149	0.58331	0.45393	0.08147	0.07811	-0.18461
MAL13P1.385	0.45023	0.72409	0.76343	1.03673	0.91922	0.58127	0.47104	0.71545	0.55256	0.49433	0.4505	0.45699	0.42705	0.2862	0.19391	0.29032	0.16733	0.34003	0.61378	0.27683	0.21929	0.02905	0.21536	0.10036
PFB0735c	0.94948	1.39657	1.42034	1.70998	1.63074	1.73128	1.42689	1.40092	1.2278	0.88208	1.05037	0.53421	0.43897	0.23105	-0.07104	-0.22209	-0.35854	-0.55542	-0.8122	-0.67679	-0.46544	-0.25666	0.01851	0.16994
PFE0375w	0.29156	0.1379	0.17484	0.35742	0.4024	0.37187	0.2598	0.28674	0.20751	-0.02892	0.00819	0.13531	0.0542	0.0232	-0.04815	-0.04269	-0.25343	-0.17655	0.2936	0.15362	0.26686	0.31954	0.44096	0.49919
PF14_0492	-0.21445	-0.85816	-1.11079	-1.03121	-1.27807	-1.60278	-2.0307	-2.37199	-2.73378	-1.92952	-2.07682	-1.79501	-1.17748	-0.80548	0.00773	0.59228	0.87996	0.76115	1.04051	0.6367	0.57302	0.01921	-0.09271	-0.04392
PF11_0226	0.89359	0.9816	0.79919	0.61953	0.57242	0.33691	0.17895	-0.1285	-0.28576	-0.08594	-0.17554	-0.26976	0.03738	-0.15795	-0.45611	-0.4624	-0.2334	-0.08127	0.57561	0.82887	0.98644	0.65321	0.109676	1.00993
PF11180w	0.50079	0.17591	0.1102	0.1279	0.03862	-0.38643	-0.53528	-0.70077	-1.00401	-1.19003	-1.26452	-1.4247	-1.34745	-1.20767	-1.19746	-0.79304	-0.27986	-0.04937	0.72542	0.65635	0.70741	0.69366	0.81872	0.96492
PF08_0012	-0.24226	0.15725	0.26968	0.48264	0.29106	0.23986	0.15794	-0.37468	-0.50911	-0.27253	-0.43342	-0.11484	0.209	0.53981	0.54171	0.50923	0.50617	0.48865	-0.22037	0.13906	0.14923	0.03677	-0.08208	-0.26931
PF0155w	-1.13729	-1.17245	-0.86779	-1.11635	-1.36523	-1.25677	-0.87041	-0.16493	0.29637	0.64038	0.95241	1.14073	1.1772	0.83614	0.76208	0.63684	0.27833	-0.02291	0.04205	-0.6161	-0.84915	-0.79719	-0.98072	-1.01864
PFL0935c	0.1999	0.03287	0.18223	0.14132	-0.0652	-0.21962	-0.23646	-0.08722	0.03362	-0.14435	-0.11665	0.13496	0.09217	0.08073	0.17262	0.28836	0.27576	0.26447	0.30379	0.52025	0.58711	0.09357	0.19122	-0.10672
PF11_0059	-1.30674	-1.50451	-0.93699	-0.73295	0.21345	0.83663	1.05416	1.31379	1.27963	1.09514	1.27261	1.15899	0.97155	0.81441	0.51351	0.32944	-0.25027	-0.20302	-0.27733	-0.73468	-1.13085	-1.20478	-1.29283	-1.13967
PF11_0043	-0.74793	-0.02055	0.65351	0.74264	0.94519	0.65938	0.89805	0.68889	1.05659	0.61937	0.75509	0.86531	0.35574	0.08445	0.27722	-0.47574	-0.39126	-0.75315	-1.19022	-2.01538	-1.90148	-1.40297	-1.10829	-0.61749
PF13_0135	0.33803	0.50042	0.77585	0.88148	0.83173	0.90095	0.76172	0.48828	0.32818	0.28962	0.23734	0.33613	0.47142	0.60198	0.64578	0.43407	0.56921	0.25765	0.09608	0.0934	-0.00698	0.08975	0.15956	0.2529
PF10_0182	0.43176	0.26935	-0.03039	0.84093	1.0684	0.40889	0.37238	1.0044	0.76024	0.5593	0.55716	0.63124	0.39241	0.3087	-0.00758	-0.00438	-0.24159	0.27121	0.10345	0.27072	0.22459	0.00169	0.11044	0.15273
PFB0130w	-0.41952	-0.70237	-0.2757	-0.45707	-0.4867	-0.45371	-0.03514	0.00969	0.22781	0.47231	0.54472	0.78324	0.52883	0.60278	0.384	0.44047	0.2385	0.3377	0.11258	0.21772	-0.25889	-0.36016	-0.36572	-0.48215
PFI0575c	0.3347	-0.15608	-0.33338	-0.51953	-0.77848	-1.44268	-1.00484	-0.38875	-1.57508	-1.64628	-1.60794	-1.26024	-0.7502	-0.36913	0.38545	0.70879	0.54079	1.03876	1.04995	0.6927	0.58146	0.28894	0.18916	0.01973
PFI0620w	0.57709	0.78364	0.35259	0.29161	0.57382	0.3878	0.24462	0.24936	-0.09658	-0.28565	-0.12125	-0.15116	0.04687	-0.11483	0.04633	-0.00347	-0.06216	0.30421	0.78794	0.67165	0.75748	0.7795	0.88889	1.12788
PF11_0058	-1.36393	-0.83198	-0.60585	-0.16717	0.16956	0.64861	0.78982	1.10815	0.91792	0.6636	1.02632	0.81287	0.79782	0.41601	0.47143	0.18018	0.09171	-0.55108	-0.2054	-1.00718	-1.19263	-1.07606	-1.17631	-0.85898
PF11_0114	0.04986	-0.19232	-0.49793	-0.61575	-0.64453	-0.84319	-0.96308	-0.9789	-1.23867	-1.50174	-1.46445	-1.38304	-0.95792	-0.59061	0.20378	0.63117	0.50574	0.74321	1.21506	0.73397	0.65091	0.23272	0.13555	0.03393
PFI0225w	-0.02093	-0.13461	-0.05477	-0.25207	-0.18091	-0.3401	-0.26607	-0.23998	-0.26719	-0.30452	-0.38459	-0.42097	-0.17208	0.00017	-0.23025	-0.38054	-0.1299	-0.24287	-0.44815	0.07435	0.14072	0.14984	0.12156	0.18485
PF14_0474	0.46382	0.56033	0.60518	0.48391	0.43279	0.46266	0.56782	0.65598	0.48886	0.36097	0.53653	0.49615	0.23585	0.229	0.41522	0.51772	0.03895	0.15845	0.37424	0.07668	-0.09499	-0.14532	0.03183	0.13867
PFF1055c	0.18889	0.24064	0.20791	0.58041	0.54628	0.46777	0.43325	0.54081	0.33901	0.13713	0.23594	0.31703	0.33391	0.18061	0.21761	0.20873	-0.18877	-0.13251	-0.01306	-0.35297	-0.18711	-0.05415	-0.05712	-0.07223
PF11_0479	0.38031	0.63029	0.71119	0.85696	0.86412	0.83233	0.63891	0.62249	0.2958	0.16301	0.1036	0.02455	-0.14992	-0.13549	-0.09589	-0.17817	-0.12903	-0.15142	-0.22503	0.27735	0.35069	0.65382	0.89695	0.87594
PFF0780w	0.33907	0.67637	0.55372	0.72987	0.98509	1.19355	1.27387	1.13535	0.95273	0.77694	0.58223	0.52624	0.51188	-0.28218	0.31885	0.31682	-0.11156	0.32286	0.48025	0.45093	0.42611	0.27063	0.33951	0.33162
PFE1395c	-0.62741	-0.35201	-0.25448	-0.44884	-0.49661	-0.39291	-0.5193	-0.34032	-0.51399	-0.65997	0.10623	0.23543	0.07996	0.15754	0.55958	0.61172	0	0.29348	-0.00407	-0.50825	-0.82171	-0.96748	-1.12251	-0.96406
PFE1600w	-2.52962	-1.3994	-0.27135	0.34253	1.72132	2.69971	3.1031	2.67514	1.97031	1.52391	0.58605	-0.22643	-1.16469	-2.20882	-2.82785	-3.28628	-3.61415	-3.79333	-3.71114	-4.07788	-3.93092	-3.23404	-2.89117	-1.72679
PFB0910w	1.85638	1.75789	1.02529	1.22488	0.78495	0.64461	0.05477	-0.11838	-0.91454	-1.48294	-1.86634	-2.04925	-2.86065	-2.96492	-2.74688	-2.64961	-1.87331	-1.40894	0.25541	0.51487	0.91927	1.27283	1.22835	1.40821
PF11_0386	-0.64438	-0.76814	-0.66463	-0.9437	-0.8222	-0.35584	-0.96825	-0.74327	-0.663	-0.29391	-0.1666	0.27811	0.31069	0.80445	1.02116	0.3971	0.59939	1.06145	0.33491	0.15439	-0.18544	-0.47781	-0.47989	
PF08_0090	0.43546	-0.01359	-0.04623	-0.26185	-0.27854	-0.52087	-0.61743	-0.74589	-0.61176	-0.67883	-0.58539	-0.67458	-0.64927	-0.64276	-0.21039	0.17182	0.51891	0.76014	1.24865	1.20003	0.76532	0.3574	0.68687	0.55689
PF10_0132	0.50337	0.03077	0.21	0.00589	-0.11837	-0.07111	-0.06707	0.25653	0.25899	0.19809	0.37336	0.54057	0.27037	0.20461	0.00815	0.04956	-0.10327	-0.10823	0.30599	0.11814	0.11395	0.14825	0.02735	0.27221
PF14_0188	0.35365	0.55004	0.69882	0.66145	0.72777	0.60369	0.54818	0.49985	0.67218	0.61741	0.49467	0.43067	0.46282	0.4533	0.17148	-0.179	-0.26882	-0.48973	-0.68152	-0.28958	-0.17209	0.13509	0.21508	0.24463
PFC0955w	-0.48095	-0.67424	-0.67045	-0.71237	-0.61078	-0.5226	-0.21591	0.07868	0.29607	0.51131	0.60515	0.72005	0.57401	0.63719	0.55387	0.57152	0.37132	0.40719	0.31849	0.21009	0.1397	-0.17933	-0.23196	-0.4573
MAL13P1.124	-0.73419	-0.94177	-1.00293	-1.09149	-1.05104	-1.03834	-0.95845	-0.89483	-0.68247	-0.34233	-0.30371	-0.12215	0.17254	0.52993	0.38839	0.53613	0.66276	0.54247	-0.01151	0.31258	0.26412	-0.04008	-0.28166	-0.55849
PF10_0141	0.92659	1.28969	1.14731	1.42363	1.37442	1.39793	1.22943	1.3635	1.00963	0.82615	0.84486	0.68628	0.41888	-0.02977	0.18323	-0.03831	-0.25046	-0.37316	-0.51075	-0.79037	-0.68824	-0.34676	-0.06325	0.23867
PFI0980w	-0.07026	-0.02453	-0.36986	-0.05568	0.12967	0.32515	0.47846	0.65069	0.65935	0.52002	0.39266	0.32585	0.37218	0.33849	0.15276	0.15252	0.08079	0.20517	0.33373	0.33827	0.51794	0.61364	0.24378	0.48021
PFF0430w	-0.98952	-0.32758	-0.22906	-0.07149	-0.16583	0.11336	0.13114	0.3004	0.50201	0.48791	0.79677	0.84733	0.57628	0.25466	0.00039	-0.38957	-0.59833	-1.37421	-1.25779	-1.8313	-1.61566	-1.1431	-1.03841	-0.98081
PFL1640c	-0.66081	-0.41681	-0.26696	-0.04503	0.19529	0.41128	0.63867	0.61127	0.49097	0.58356	0.71395	0.71731	0.64652	0.32771	0.41762	0.22652	0.15873	-0.1695	0.03688	-0.27038	-0.41868	-0.56043	-0.47645	-0.4445
PF11_0269	0.43028	0.55568	0.71779	0.40579	0.44556	0.6852	0.56121	0.64659	0.60087	0.2887	0.43607	0.38398	0.20558	-0.14061	-0.16619	-0.41457	-1.02566	-0.48483	0.02547	-0.17819	-0.06892	-0.04112	0.16618	0.18226
MAL13P1.71	-0.35099	0.10227	-0.12664	0.57048	0.61579	0.98743	1.14357	1.25969	1.3203	0.85924	0.7866	0.76888	0.53561	0.42622	0.33119	0.22906	-0.03848	-0.2692	-0.33047	-0.56742	-0.67909	-0.48255	-0.50561	-0.36845
PFC0755c	-0.84559	-1.04125	-0.92932	-1.66077	-1.96746	-1.91808	-1.16599	-2.18795	-1.57699	-1.44011	-0.9388	-0.07462	-0.03236	0.30468	0.78486	0.98469	0.70534	1.03888	0.12371	0				

PF14_0424	-0.65816	-0.57645	-1.04445	-0.85357	-0.7995	-0.93999	-0.84746	-0.4107	-0.07049	0.10481	0.49714	0.74558	0.83867	0.77464	0.89205	0.70832	0.59929	0.29354	0.15212	-0.14142	-0.32943	-0.4849	-0.64168	-0.59867
PF10_0141	-0.38075	0.01826	0.27291	0.23193	0.48715	0.65193	0.26071	0.3624	0.37546	0.47227	0.65878	0.28737	0.3856	-0.01528	0.04797	0.02018	-0.44697	-0.20564	-0.68672	-1.36797	-1.29222	-1.11247	-1.01627	-0.84588
PF10_0069	0.17974	0.37845	0.18168	0.30428	0.27753	0.32595	0.30931	0.36914	0.1523	0.16254	0.35485	0.24216	0.36289	0.32681	0.45155	0.45802	0.12898	0.41875	0.44375	-0.00876	-0.11056	0.01457	0.17998	
PF13_0015	-0.91536	-1.12839	-1.51946	-0.45565	0.2539	0.45332	1.094	1.30641	1.55374	1.44564	1.29999	1.21856	0.90115	0.5507	0.17547	-0.08914	-0.72505	-0.52533	-0.99666	-0.8116	-0.78776	-0.67783	-0.81657	-0.89022
PFF1140c	0.07055	0.05191	0.21453	0.10027	0.18461	-0.04579	0.13304	0.71068	1.22639	1.00834	1.06739	0.96277	0.74315	0.58757	0.2467	0.15611	-0.10096	-0.09744	-0.14707	-0.01103	-0.04541	-0.2091	-0.01539	-0.08446
PF14_0255	-0.59401	-0.63749	-0.56396	-0.69494	-0.65288	-0.41374	-0.22319	-0.0386	0.0812	0.30219	0.71033	0.81001	1.00171	0.73794	0.68832	0.50366	0.07771	0.1987	-0.06679	-0.22126	-0.26704	-0.34406	-0.35773	-0.27595
PFL115w	0.32275	-0.07904	-0.1344	0.28109	0.42202	0.37535	0.13292	0.27643	0.19333	0.1622	0.23639	0.34953	0.27672	0.35305	0.23884	0.42969	-0.08122	0.42897	0.62478	0.29632	0.12357	-0.16638	0.01147	0.06907
PF11_0395	-0.17109	-0.3568	-0.60136	-0.73356	-0.68344	-0.7579	-0.88367	-1.08876	-1.38472	-1.33194	-1.43162	-1.26429	-0.82576	-0.12089	0.35103	0.86525	1.16012	0.93356	0.63497	0.84045	0.75446	0.51899	0.09026	-0.36379
PFA0280w	-0.14073	-0.13527	-0.22379	-0.17197	-0.12573	-0.19635	-0.24205	-0.38122	-0.16321	-0.03838	-0.07883	0.01705	0.33081	0.60148	0.29241	0.28722	0.46869	0.44813	-0.19304	0.42418	0.38377	0.41833	0.3662	0.22937
MAL13P1.68	-0.1586	-0.18393	-0.00471	-0.36403	-0.31857	-0.32818	-0.47468	-0.03624	0.76639	0.97595	0.87498	0.8421	0.75716	0.32402	0.06564	-0.08717	-0.46304	-0.2853	-0.30674	0.25031	0.33048	0.19667	0.50217	0.73863
PF11_0037	-0.42085	-0.39941	-0.16889	0.06461	0.1837	0.63798	1.01601	1.01224	1.25813	1.05116	0.75408	0.56566	0.40957	0.32692	-0.04855	-0.18167	-0.31397	-0.03293	-0.18606	-0.05593	0.16285	0.54053	0.38761	0.21664
PFL0225c	-0.14424	0.40183	0.01186	0.10256	0.1005	0.40123	0.38469	0.54816	0.797	0.63651	0.96265	0.87959	0.70677	0.41187	0.44036	0.43162	0.0578	-0.02717	0.19147	-0.61161	-0.84745	-0.50614	-0.49685	-0.2473
PFI0295c	-0.69906	-0.72836	-0.8001	-0.34445	-0.1307	0.38077	0.58836	0.8665	1.1618	1.20889	1.08771	0.98995	0.8746	0.81247	0.37241	0.10175	0.00837	-0.03072	-0.51142	-0.47905	-0.40705	-0.35866	-0.59173	-0.62755
PFE0785c	-0.26333	-1.0482	-1.03313	-1.78606	-1.90057	-1.48918	-1.94005	-2.11952	-2.862	-2.6565	-2.59931	-2.41017	-2.59668	-1.83949	-0.15643	0.58403	1.22699	1.18655	1.09404	0.84431	0.96014	0.61314	-0.00095	-0.57894
PF10_0233	-0.27424	-0.43928	-0.66308	-0.47058	-0.33669	-0.49687	-0.20213	-0.0895	0.00838	0.18792	0.37948	0.40777	0.50051	0.29241	0.42562	0.16738	-0.01632	-0.19884	0.19776	-0.02497	0.2223	-0.19917	-0.04775	0.13328
PFA0190c	0.50574	0.27932	-0.11578	0.0607	0.13763	0.11035	-0.23842	-0.16148	-0.60238	-0.61434	-0.54032	-0.75848	-0.54475	-0.34867	0.16726	0.63359	0.69276	0.71346	1.38933	0.86265	0.86661	0.42681	0.39647	0.35688
PF14_0406	0.64072	0.64164	0.17625	1.39622	1.74688	1.10285	0.79116	0.9981	0.34531	0.3953	0.40066	0.59551	0.41086	0.34821	0.09973	0.13292	-0.21532	0.36972	0.16455	0.17504	-0.03818	-0.05216	0.00408	-0.10645
MAL7_trNA_His1	0.57867	1.48151	0.07237	0.11805	-0.27503	0.23583	-0.28653	0.76109	-0.42043	0.03341	0.08849	0.08233	-0.09154	-0.21614	-0.16059	-0.26042	-1.49759	0.29464	0.23399	-0.20533	-0.15237	0.53335	0.14186	-0.31158
PF13_0129	-0.536	0.23142	0.43742	0.33187	0.46357	0.55327	0.32324	0.71721	0.36282	0.47062	0.5847	0.42872	0.27755	0.2016	0.16968	0.04963	-0.82668	-0.71526	-1.20384	-1.76299	-1.7371	-1.53368	-1.43215	-1.03876
PFI0495w	-0.49536	-0.33476	0.0053	0.05933	0.11448	0.0604	-0.03973	-0.52157	-0.47162	-0.16187	-0.30848	-0.0522	0.30718	0.4311	0.36687	0.57324	0.35187	-0.47158	0.07762	-0.06403	-0.15896	-0.32556	-0.3553	
PFC0650w	0.29313	0.00843	0.19847	-0.13443	-0.17462	-0.38961	-0.36633	-0.45352	-0.16612	0.14339	0.12439	0.1874	0.25028	0.37242	0.30988	0.24458	0.36323	0.56003	0.44414	0.53849	0.53081	0.38231	0.29059	0.21913
PF11_0302	-0.13392	-0.46771	-0.31843	0.00393	0.10814	0.1238	0.32462	0.93209	0.89725	0.9478	0.84001	0.3512	0.07562	-0.16419	-0.47346	-0.8263	-0.72955	-1.37385	-0.84562	-0.7806	-0.50904	-0.66922	-0.15529	0.29512
PFC0310c	-0.81233	-0.84819	-0.90195	-1.28029	-1.27654	-1.43462	-1.24477	-1.204	-0.84824	-0.56305	-0.20783	-0.02425	0.19891	0.20627	0.66879	0.67388	0.59169	0.49847	0.58227	0.2062	0.00771	-0.48853	-0.5899	-0.78251
PF13_0146	-0.48047	-0.23733	0.12756	0.05206	0.36323	1.30139	1.69325	1.75926	1.64547	1.22225	0.76228	0.49585	0.34505	-0.18814	-0.45898	-0.5526	-0.3587	-0.88182	-0.4821	-0.14322	-0.19421	-0.06897	0.07373	
PFL1780w	0.05195	-0.45214	-0.61034	-0.71462	-0.69085	-0.74786	-0.7652	-0.74473	-0.84326	-0.84032	-0.43962	-0.48574	-0.19926	0.03167	0.34634	0.76694	0.72623	0.82677	1.01331	0.71822	0.59209	0.08134	-0.13123	-0.42318
PFI0160w	-0.82285	-1.07053	-1.26755	-1.45579	-1.57387	-1.69806	-1.83617	-2.17706	-2.43222	-2.24333	-2.09075	-1.6573	-0.6837	0.4044	0.60592	0.85374	0.96064	0.93153	-0.10692	0.4341	0.10826	-0.09296	-0.63132	-0.86388
PF11_0346	0.60813	0.98303	0.71605	1.21415	1.70108	1.30263	1.03044	1.69034	1.02924	0.88584	0.81293	0.69897	0.00932	-0.22608	-0.47277	-0.40169	-0.32976	-0.06776	0.04594	0.219	0.37715	0.52068	0.79448	1.04388
PF14_0466	0.21685	0.42332	0.141	0.36457	0.26328	0.59788	0.64697	1.05809	1.13224	0.80452	0.85257	0.84856	0.53179	0.5167	0.49822	0.41495	0.06969	0.10079	0.05829	-0.31336	-0.18758	-0.11376	-0.08378	0.02086
PF11_0260	-0.97285	-0.06016	0.19124	0.35852	-0.06529	0.01171	0.28471	0.44428	0.43189	0.4484	0.3406	0.36189	0.34526	0.05684	0.19603	-0.06196	-0.92562	-0.86519	-1.63753	-2.12493	-2.14609	-1.41329	-1.42253	-1.2136
PF14_0448	-0.84074	-0.32072	-0.02069	0.18398	0.07083	0.25751	0.47649	0.56605	0.86695	0.71988	1.04458	0.59724	0.42691	0.28502	0.2075	-0.08854	-0.73799	-0.58153	-1.12736	-1.56128	-1.58166	-1.34392	-1.20679	-1.00506
PFC0525c	-0.96433	-1.17992	-1.25084	-1.56751	-1.20968	-1.39626	-1.37294	-1.03134	-0.73473	-0.5501	-0.18075	-0.18425	0.08158	0.26738	0.50604	0.5942	0.23989	0.3977	0.3417	-0.09739	-0.22929	-0.35975	-0.4546	-0.56602
PFD0005w	0.52201	0.28256	-0.13545	-0.08505	0.11903	-0.00972	-0.27185	-0.16313	-0.23933	-0.22535	-0.26847	-0.24316	0.043	0.11414	0.12557	0.06338	-0.14152	0.16397	0.14529	0.32218	0.47604	0.41198	0.31611	0.35504
PFF0540c	-0.56507	-0.90565	-1.12207	-1.32397	-1.36702	-1.42886	-1.57461	-1.45907	-1.19322	-0.98534	-0.36965	0.06201	0.46966	0.5592	0.74209	0.86976	0.66315	0.49103	0.69332	0.59554	0.07412	-0.25611	-0.59252	-0.72518
MAL13P1.475	-0.15191	0.43205	0.19969	0.01171	0.02649	0.0267	-0.22097	-0.38946	-0.43086	-0.22084	-0.07301	0.11293	0.3078	0.45621	0.25068	0.33726	0.41713	0.58747	0.46697	0.54275	0.65362	0.85275	0.52783	0.37013
PF10_0009	-2.64046	-2.67044	-2.56976	-3.01723	-2.6078	-1.81264	0.29957	1.58619	2.50235	2.28063	1.74538	1.76092	0.90431	-0.19707	-1.31309	-2.21847	-2.73806	-2.8659	-3.26742	-3.47866	-2.87595	-3.44248	-3.73592	-3.63748
PF11_0078	0.28102	0.58895	0.50032	0.65301	0.63113	0.47887	0.80462	0.89123	0.85708	0.65896	0.83117	0.71191	0.67078	0.63763	0.5608	0.38167	0.23351	0.0836	0.03407	-0.31363	-0.12474	-0.16022	-0.09088	-0.03848
PFE0065w	0.84157	1.37982	2.44044	2.38545	3.15444	2.7725	2.22964	1.0819	0.36152	-0.64027	-1.66507	-2.71706	-3.15695	-4.02238	-4.27943	-4.52214	-4.47101	-4.81878	-4.27163	-3.25135	-1.74318	-0.42566	0.2165	0.6642
PF13_0041	0.75748	0.29084	0.2202	0.44282	0.52929	0.33354	0.36984	0.31588	0.01477	-0.20233	-0.32398	-0.37145	-0.41632	-0.36379	-0.29286	-0.29323	-0.21379	0.04355	0.85103	0.75836	0.93867	0.91504	1.01444	0.99946
PFL2380c	-0.11659	-0.2201	-0.53457	-0.38969	-0.35338	-0.24335	-0.36049	-0.17563	-0.18711	-0.19442	0.00801	0.06296	0.07992	0.25319	0.30644	0.41211	0.33046	0.45896	0.48279	0.11771	0.11689	0.03696	-0.2528	-0.38283
PFL1310c	-0.77639	-0.70551	-0.4295	-0.27335	-0.13339	0.19758	0.30184	0.63187	0.95467	1.05541	0.89651	0.90853	0.8789	0.64572	0.41247	0.25389	-0.14938	-0.04965	-0.18301	-0.59648	-0.88255	-0.69414	-0.71792	-0.7812
MAL8P1.101	-0.72218	-0.89576	-1.27833	-1.06613	-1.19013	-1.13883	-0.94527	-0.68944	-0.21164	0.00738	-0.1502	0.02998	0.23224	0.47304	0.6795	0.72263	0.86437	0.73337	0.36673	0.41115	0.16219	-0.190		

PF13_0095	-1.22331	-1.59036	-1.26774	-2.10015	-2.18045	-2.34991	-2.44682	-2.12142	-1.46012	-0.79365	-0.21496	0.15634	0.44168	0.59589	0.87531	0.83629	0.27262	0.57671	0.17126	-0.23383	-0.48394	-0.84244	-1.12166	-1.43792
PF14_0437	0.36197	0.46027	0.48925	0.52376	0.5981	0.6268	0.53491	0.75294	0.65482	0.62519	0.72047	0.51535	0.47399	-0.07711	-0.30898	-0.64681	-1.0274	-0.98719	-1.01208	-0.96284	-0.59607	-0.25116	-0.08478	0.17748
PFE0185c	-0.65553	0.18982	0.49457	0.36485	0.24217	0.55627	0.41848	0.64384	0.66786	0.67905	0.59763	0.74535	0.48917	-0.01674	0.16076	-0.16522	-0.77057	-0.85424	-0.87189	-1.50751	-1.40308	-1.00482	-0.90043	-0.89749
MAL13P1.102	1.0213	0.51225	0.06397	0.17483	0.05141	-0.46194	-0.65831	-1.05804	-1.62731	-1.97896	-2.08227	-2.12393	-2.29069	-2.18844	-1.98668	-1.46089	-0.11351	0.00926	1.48079	1.43084	1.67912	1.28402	1.60218	1.52213
PF10_0204	-0.12429	-0.19906	-0.25616	-0.3564	-0.4397	-0.44961	-0.53042	-0.22664	0.20353	0.15278	0.38169	0.51743	0.70111	0.57179	0.53618	0.59255	0.22838	0.41127	0.64664	0.29579	0.08092	0.01964	-0.15238	-0.3856
MAL7P1.218	1.45431	1.93118	1.21678	1.69897	0.87126	1.24245	1.21556	2.13	1.29719	0.41497	0.44698	0.33807	0.10663	0.01132	-0.06431	0.07292	0.14995	-0.05476	0.1433	-0.36609	-0.20308	-0.05237	-0.3508	-0.26822
PF14_0098	0.40143	0.47765	0.49729	0.74491	0.9654	0.94106	0.8663	0.95033	0.95676	0.35496	0.60638	0.41829	0.21084	-0.01503	0.03403	-0.21252	-0.39657	-0.20091	-0.29551	-0.47311	-0.41419	-0.28663	0.14337	0.2458
PF14_0666	-1.02485	-0.9456	-0.66654	-1.06563	-1.18404	-1.12949	-0.93805	-0.45265	-0.20002	0.15365	0.38797	0.38018	0.44953	0.14705	0.29167	0.22023	0.13856	0.24724	0.17714	-0.15129	-0.24259	-0.38685	-0.31436	-0.62171
PF13_0254	-0.5287	-0.39427	-0.43954	-0.36772	-0.2243	-0.15165	-0.08251	-0.16657	0.08744	0.34526	0.28203	0.37323	0.5401	0.90896	0.50867	0.35034	0.29565	0.28018	-0.63762	-0.04551	-0.10106	0.18834	0.06582	-0.01961
PF13_0162	1.05481	1.12707	1.35494	1.50557	1.53454	1.16139	0.58214	0.09286	-0.27671	-0.28474	-0.35109	-0.43394	-0.44416	-0.6243	-1.02927	-1.2353	-1.24929	-1.50895	-1.33242	-0.53024	-0.13783	0.19876	0.57757	0.78423
PFL2165w	-0.26158	-0.13691	-0.22486	0.58335	0.65757	0.31959	0.09158	0.03844	-0.15802	-0.26662	0.01594	0.17487	0.31269	0.46896	0.50207	0.39624	0.33131	0.07407	0.14121	-0.00855	-0.04726	0.07616	0.54251	0.87786
MAL8P1.53	-0.75092	-1.37013	-1.28891	-1.52223	-1.47872	-1.6954	-1.63392	-1.41915	-0.93871	-0.5448	-0.22994	0.16687	0.20494	0.45321	0.40993	0.66156	0.52573	0.5102	0.69581	0.48076	0.12133	-0.16899	-0.31058	-0.70988
PDF1105w	0.0043	-0.46975	-0.66815	-0.88076	-1.15915	-1.48171	-1.60731	-1.91518	-2.27368	-2.83159	-2.98354	-3.28083	-3.35212	-3.04872	-1.42999	0.03643	1.10783	1.16601	1.72711	1.03071	1.05521	0.60695	0.67905	0.51065
PF10_0277	0.57786	0.93878	0.64217	0.96367	1.00714	0.98553	0.89162	1.08068	0.94369	0.80472	0.74443	0.53636	0.13593	-0.22546	-0.55529	-0.94549	-1.25361	-1.14014	-1.20938	-1.19382	-0.55512	-0.39035	-0.21166	0.2451
PFF0320c	0.68221	1.04747	0.83094	1.30061	1.37317	1.36783	1.22279	0.95833	0.8372	0.57415	0.36357	0.19403	0.15778	-0.00675	-0.23131	-0.34577	-0.59187	-0.36762	-0.59074	-0.46533	-0.44844	0.05571	0.28025	0.52896
PF14_0606	0.08343	-0.04982	-0.10321	-0.36934	-0.44717	-0.30042	-0.15011	-0.1284	-0.16352	-0.03603	0.312	0.30507	0.37776	-0.00256	0.20499	0.21821	0.09916	0.32371	0.63256	0.27168	0.46125	0.3634	0.23596	0.1042
PF11_0107	0.11205	-0.1457	0.03327	0.12769	0.13591	0.22836	0.13131	0.0186	-0.44373	-0.63823	-0.67969	-0.80674	-0.77134	-0.56585	-0.13043	0.47521	0.59973	0.45306	0.77144	0.55801	0.58848	0.30059	0.24705	-0.11234
PF10_0344	0.33228	-0.18005	-0.4053	-1.16523	-1.67221	-1.94036	-2.33864	-2.80567	-3.19824	-3.70177	-3.7856	-4.23979	-4.22845	-4.19561	-3.15071	-1.5148	-0.11944	0.43855	1.30487	1.36233	1.22424	1.23654	0.92753	0.60497
PF14_0029	-0.28976	-0.6991	0.06518	-0.49168	-0.09878	0.22344	0.65117	0.14905	0.14218	-0.18304	-0.36376	-0.33112	-0.19645	0.27112	0.22443	0.26706	0.53318	0.20721	0.23725	0.33777	0.24533	0.2797	0.39838	0.5347
MAL8P1.108	-0.41976	-0.09633	0.39402	0.20017	0.2386	0.58047	0.90693	0.75745	0.85277	0.81346	0.84487	0.75586	0.75573	0.45144	0.22405	-0.03243	0.02548	-0.48311	-0.43871	-0.79593	-0.90479	-0.63194	-0.37566	-0.36201
PFL1665c	0.58911	1.00209	0.92746	0.90872	0.86217	0.89561	0.82206	0.62786	0.81096	0.78443	0.74696	0.633	0.40981	0.16186	-0.00372	-0.17123	-0.28602	-0.39463	-0.46403	-0.44093	-0.55433	-0.05526	0.13617	0.31682
PF1160w	-0.00957	-0.19862	-0.34671	-0.24812	-0.14578	-0.27806	-0.20393	-0.17834	0.19253	0.41307	0.52149	0.47484	0.40418	0.37054	0.29483	0.32234	0.18652	0.4998	0.43935	0.35389	0.2267	-0.05476	-0.11061	-0.07518
PFI0435c	0.54616	0.67053	0.71103	0.74297	1.01723	0.79461	0.63353	0.41953	0.08851	-0.03734	-0.04666	-0.15416	-0.24789	-0.09648	-0.04651	0.16604	0.41411	0.43268	0.25217	0.61632	0.66635	0.44644	0.52216	0.38672
PF14_0058	0.19439	0.29327	0.63711	0.54013	0.4872	0.64936	0.59319	0.33422	0.20031	0.19819	0.07492	0.03613	0.0901	0.22447	0.18761	0.3622	0.01335	-0.02952	0.08561	0.042	-0.01507	0.20246	0.23416	
PFE0340c	-0.10797	-0.64439	-0.57349	-1.3519	-1.54459	-1.7672	-1.97549	-2.24008	-2.64863	-2.90866	-0.78616	-2.95519	-2.60885	-1.89808	-0.26403	0.72853	1.24102	1.0267	1.26486	0.82172	0.76646	0.55238	0.20419	-0.35243
PF13_0269	-0.32781	-0.28145	-0.6769	0.31155	0.70944	0.88774	0.82868	0.8347	0.53781	0.52771	0.48461	0.26554	0.30682	0.05422	-0.02353	-0.18058	0.04636	-0.1261	0.58194	0.50257	0.69069	0.54556	0.97053	1.08124
MAL13P1.250	-0.57804	-0.65388	-0.33593	-0.84123	-0.8168	-0.72628	-0.78346	-0.79413	-0.49083	-0.293	-0.11304	0.01866	-0.0034	0.04894	0.36	0.45482	0.2397	0.59934	0.31247	0.14301	-0.02482	-0.25242	-0.47329	-0.63543
PFB0160w	-0.01952	0.20954	0.27789	0.52322	0.62699	0.90917	0.79236	0.75319	0.44598	0.28405	0.37921	0.23595	0.28082	0.26327	0.44505	0.57092	0.50291	0.38614	0.79957	0.46371	0.33624	-0.06936	-0.00881	-0.05063
PF07_0069	-0.09499	-0.1869	-0.14785	-0.36869	-0.3527	-0.26125	-0.11853	0.06173	0.48687	0.61924	0.70809	0.73631	0.5437	0.39695	0.21182	0.15705	0.33675	-0.04249	0.38765	0.18087	0.3034	0.09763	0.24325	0.05541
MAL13P1.480	-1.43901	-0.04327	1.37034	1.84573	2.4505	3.31207	3.01458	2.40645	0.81119	0.59102	-0.41829	-1.54729	-2.697	-3.9004	-4.65903	-4.94136	-4.91911	-5.84123	-5.04876	-5.40865	-4.55561	-2.90022	-2.01495	-0.87653
PF13_0352	1.06307	1.06236	1.03792	1.20238	1.13538	1.00748	0.94707	1.14048	1.14283	1.01993	0.82856	0.63485	0.04778	-0.23264	-0.53218	-0.86176	-1.14597	-1.38172	-0.62178	-0.29917	0.15393	0.56119	0.80414	0.99723
PF11_0216	-1.23567	-1.05132	-1.00246	-1.00079	-1.07595	-0.95926	-0.76549	-0.44374	-0.28501	0.35605	0.77514	0.89862	0.86505	0.51636	0.58265	0.35999	0.18166	-0.17351	0.04044	-0.32456	-0.66664	-0.71278	-0.84586	-0.83444
PFE0605c	-0.82348	-0.44761	0.06096	0.27885	0.67502	1.09107	1.26306	1.51266	1.57166	1.54515	1.39336	1.16688	0.94817	0.58486	0.19048	-0.04332	-0.47667	-0.72673	-0.80416	-1.10534	-1.23593	-1.10228	-0.94036	-0.68212
PF13_0136	0.0191	0.28299	0.18295	0.55885	0.56892	0.42547	0.38015	0.56134	0.30055	0.17896	0.30434	0.24173	0.21149	0.11949	0.22917	0.04248	-0.20162	-0.13558	-0.26208	-0.45055	-0.47903	-0.3198	-0.35037	-0.10922
PF14_0489	0.12725	0.39229	0.61912	0.85193	0.73172	0.63842	0.91589	0.82439	0.93833	0.8699	0.8727	0.7015	0.17677	0.5606	0.2867	0.19342	-0.05248	-0.13862	-0.29381	-0.4979	-0.55905	-0.48465	-0.53532	-0.36114
PF07_0070	-0.32276	-0.35667	-2.87404	0.05723	-0.31337	0.37891	0.48539	0.75204	0.94527	0.92872	0.96826	0.95776	0.61599	0.48458	0.4608	0.13929	-0.08094	-0.14813	-0.4146	-0.68627	-0.9023	-0.70344	-0.53945	-0.49812
PF13_0307	-0.14024	-0.50098	-0.16198	-0.57222	-0.47555	-0.03547	0.18004	0.29796	0.63124	0.73252	0.69136	0.63132	0.73473	0.67325	0.40955	0.26341	0.39771	0.12962	0.29399	0.21417	0.16084	0.02327	0.06482	-0.16942
PF10_0177b	1.21448	0.88328	0.52154	0.9977	1.07013	1.0459	0.86199	0.74049	0.63236	0.38966	0.02087	0.06659	-0.2034	-0.16737	-0.33618	-0.33386	-0.9727	-0.13731	0.41866	0.83111	0.92722	0.8705	1.13759	1.13083
PF11_0452	0.83329	0.78054	0.44965	1.02338	1.181	0.9034	0.78395	0.9795	0.51214	0.39762	0.12774	-0.05226	-0.30591	-0.7882	-1.07253	-1.23003	-1.43961	-1.15263	0.33993	0.29162	0.51236	0.51448	0.76352	1.0134
PFI0090c	0.65544	0.70871	0.58372	0.44506	0.29605	0.27615	0.83285	1.15761	1.12334	1.04461	1.10627	0.99694	0.83983	0.70883	0.50234	0.28942	0.00719	-0.2759	-0.37533	-0.69349	-0.84668	-0.61969	-0.44517	0.02766
MAL13P1.15	-0.87763	-1.01404	-0.62587	-0.24249	-0.02439	0.33108	0.16747	0.08375	0.08741	0.13402	0.57756	0.88076	0.76472	0.71197	0.52825	0.43967	-0.19018	0.24655						

PFL1295w	-0.08367	-0.19282	-0.46087	-0.354	-0.33149	-0.0369	-0.12268	-0.15403	-0.39865	-0.5185	-0.61629	-0.66469	-0.49255	-0.25056	0.33162	0.70853	0.608	0.77632	1.08374	0.66769	0.43224	0.15952	0.05231	-0.22324
MAL8P1.128	-1.01839	-0.91644	-0.55315	-0.71665	-0.68344	-0.51655	-0.4307	-0.40357	-0.22146	0.10674	0.3679	0.63506	0.80133	0.58426	0.86623	0.67518	0.19887	0.23045	0.17182	-0.37684	-0.72822	-0.84577	-0.84548	-0.94949
MAL13P1.216	0.43213	0.6026	0.58508	0.66695	0.85441	0.51128	0.24886	0.05758	0.22041	0.02959	0.15261	0.16769	0.15622	0.25371	0.25936	0.29836	0.24217	0.41951	0.18973	0.12661	0.0882	0.08117	0.08666	0.07207
PFL2170c	-0.87508	-0.95688	-1.46396	-0.42743	-0.536	-0.48391	-0.03819	0.60588	0.92251	0.96331	1.06377	1.10831	0.92673	0.72976	0.52484	0.23491	0.02141	-0.4118	-0.35016	-0.44499	-0.70491	-0.67126	-0.58505	-0.54581
PFF0300w	0.48342	0.68291	0.51562	0.48742	0.42411	0.3422	0.4259	0.43932	0.39959	0.34385	0.28554	0.13752	0.06592	-0.18559	-0.2748	-0.60153	-0.71238	-0.82002	-0.66575	-0.50757	-0.14231	0.22075	0.17004	0.22834
PF13_0337	-0.69057	-0.77362	-0.64542	-1.09156	-1.05119	-1.04129	-0.66854	-0.22833	0.76309	0.80953	0.81284	0.96755	0.80049	0.59238	0.51653	0.44677	0.18032	0.1446	0.25988	-0.05008	-0.48824	-0.33538	-0.50332	-0.6235
PF10_0304	-0.40659	-1.04883	0.1446	0.21976	0.31226	0.49818	0.56239	0.86263	0.63436	0.5072	0.48774	0.32766	0.0727	-0.09458	-0.1241	-0.25741	-0.11347	-0.476	0.04878	-0.34491	-0.37108	-0.47251	-0.3854	-0.22809
PFI0895c	-0.17535	0.23895	0.20003	0.56113	0.53824	0.65686	0.59947	0.85767	0.77874	0.77218	0.82149	0.8938	0.49292	0.15376	0.11411	-0.2055	-0.87579	-0.85753	-0.65265	-1.00533	-0.85458	-0.38043	-0.23661	0.04926
PF14_0640	1.20067	1.499	1.37376	1.55732	1.51809	1.39997	1.09322	1.05581	0.83564	0.81385	0.82374	0.41968	0.34647	-0.05268	-0.11784	-0.38634	-0.22824	-0.66375	-1.02743	-0.93972	-0.6116	-0.02638	0.23062	0.72448
PF11_0481	0.818	1.11559	0.43411	1.11008	1.20632	0.99593	1.1466	0.80777	0.49409	0.16994	0.07388	-0.10628	-0.1682	-0.20258	-0.24014	0.26302	0.40713	0.3385	0.88245	1.08407	1.11162	1.23552	1.22013	
MAL8P1.141	1.59829	1.76393	1.39161	1.40886	1.40023	1.1954	1.24334	1.18899	0.84771	0.6735	0.42736	0.14313	-0.1194	-0.35916	-0.6257	-1.00948	-0.92354	-0.90433	-1.04835	-0.31766	0.14988	0.51964	0.87189	0.98558
PFL0605c	-0.36076	-0.44894	-0.51559	0.06045	0.39083	0.37123	0.49497	0.82629	0.79665	1.01961	1.21867	1.08081	0.7451	0.41288	0.23352	-0.04734	-0.31297	-0.40508	-0.06018	-0.3969	-0.32053	-0.35233	0.01473	0.45908
PF11_0414	-0.09609	0.02228	-0.29599	-0.35018	-0.19367	0.17682	0.10622	0.5108	0.24344	0.28078	0.29933	0.21884	0.16109	0.13244	0.11687	0.24382	-0.1897	0.36526	0.64038	0.28634	0.36267	0.59006	0.48698	0.34509
PFI0765w	0.77553	0.94528	0.91878	1.2545	1.04211	0.8057	1.13233	1.2199	1.16482	0.99594	0.77317	0.68299	0.19088	-0.14021	-0.44389	-0.62746	-1.14297	-0.95129	-1.17974	-1.02152	-0.42352	-0.07973	1.14488	0.34107
PFI1590c	-0.7341	-0.92498	-0.82261	-0.28257	-0.26506	-0.31523	-0.19969	0.12604	0.34938	0.55136	0.5114	0.6459	0.553	0.59533	0.22581	0.17321	0.05045	-0.07507	-0.40774	-0.43116	-0.61233	-0.80555	-0.89705	-0.80887
PF14_0439	-1.12681	-0.78463	-0.45363	0.44463	0.65111	1.07503	0.82884	0.8723	0.4918	0.562	0.86798	0.86949	0.60765	0.36572	0.1674	-0.08192	-0.68633	-0.77679	-0.76262	-1.28219	-1.33422	-1.35749	-1.20829	-0.91056
PF14_0706	-0.86104	-0.53472	0.26329	0.42891	1.08811	1.39956	1.58651	1.23622	1.46166	1.23721	0.80608	0.16919	-0.06957	-0.36363	-0.91584	-1.1069	-0.87758	-0.71782	-1.07953	-0.64968	-0.41216	-0.02196	0.32522	1.04962
PFL0100c	0.45837	0.68295	0.7708	1.14333	1.32812	1.41081	1.16889	0.94462	0.86382	0.60075	0.63822	0.67874	0.4361	0.41176	0.12188	0.00747	-0.4178	-0.22835	-0.34018	-0.25531	-0.2503	-0.05716	0.05265	0.17769
PF14_0148	-0.39399	-0.51924	-0.89178	-0.95882	-1.08141	-1.37268	-1.46624	-1.37772	-0.91436	-0.58693	-0.09503	0.21564	0.58829	0.60282	0.68242	0.71775	0.26196	0.74503	0.63533	0.29138	-0.04523	-0.41514	-0.28498	-0.28591
PFC0265c	0.12479	0.34286	0.38371	0.50019	0.50675	0.17162	0.19461	0.31164	0.15395	0.20243	0.3865	0.35607	0.37784	0.2702	0.43298	0.27138	0.09784	-0.00062	-0.08914	-0.2189	-0.24168	-0.21775	-0.20339	-0.04069
PFI0065w	0.77581	1.19084	0.62663	0.97999	1.07138	0.97295	0.68692	0.93447	0.46234	0.51486	0.2248	0.11477	0.09204	0.04539	0.05689	0.20872	0.00583	0.42528	0.01016	0.1148	0.11748	0.92798	0.05624	0.19756
PF10_0245	0.22493	0.43271	0.34444	0.38334	0.45837	0.38259	0.18428	-0.08741	0.11252	-0.21188	0.01266	-0.06246	0.19105	0.18709	0.25724	0.25879	0.10923	0.23894	0.60839	0.47812	0.37899	0.20983	0.46799	0.44156
PFE0090w	-0.688	-0.7949	-1.01351	-1.09186	-1.36594	-1.53917	-0.87935	-0.8421	-0.55583	-0.30351	0.00393	0.26852	0.55636	0.80492	0.81633	0.77195	0.33131	0.6446	0.18525	-0.03385	-0.13013	-0.35065	-0.69054	-0.91548
PF14_0516	0.80292	1.22045	1.29377	1.39408	1.42439	1.1801	1.13148	1.20276	0.88184	0.49899	0.57238	0.39892	0.31493	0.20443	0.0842	0.08197	-0.02208	0.08444	0.04927	0.07569	0.2667	0.19171	0.41035	0.52426
PFB0750w	-0.66971	-0.79211	-1.40137	-0.75449	-0.69711	-0.70933	-0.54	-0.8607	-0.8027	-0.11689	-0.04412	0.09204	0.46551	0.73019	0.90603	0.91329	0.84318	0.45944	0.7814	0.32294	0.06037	-0.10994	-0.26674	-0.76734
PFB0885w	-0.88658	-0.31689	-0.20665	-0.12192	-0.0694	-0.2135	-0.1764	0.64729	-0.16711	0.19642	0.82499	0.35061	0.04133	0.06472	0	-0.22886	-0.58499	-0.44715	-0.90101	-1.82238	-1.60586	-1.61525	-1.57233	-1.14632
PFI0720w	0.31086	0.42931	0.43901	0.37839	0.60825	0.35084	-0.06169	-0.0463	-0.42744	-0.29228	0.11292	0.20851	0.47127	0.41864	0.33127	0.1455	-0.33637	-0.38742	-0.82377	-1.13089	-1.00632	-0.4563	-0.29835	-0.13
PFA0255c	-0.9433	-1.05129	-1.16482	-1.05885	-0.82036	-0.66367	-0.33074	0.12164	0.56902	0.85516	1.07804	1.02581	0.83251	0.40171	0.25582	0.01595	-0.21849	-0.02255	-0.09338	-0.26678	-0.27422	-0.57253	-0.55523	-0.61208
MAL7P1.125	0.75479	0.44564	0.03727	-0.02728	-0.2758	-0.45654	-0.51518	-0.70005	-0.98999	-0.94502	-0.9667	-1.08903	-1.10548	-0.97847	-0.43837	-0.04029	0.2753	0.49735	1.46445	1.02537	1.15195	0.90499	0.98635	0.96125
PF13_0348	-0.14766	-0.07132	-0.29805	0.03619	0.13304	0.36446	0.40582	0.12859	0.38509	0.72587	0.55046	1.0016	0.81512	0.87157	0.5577	0.41903	0.37703	0.01944	-0.4985	-0.30952	-0.5057	-0.37856	-0.14238	-0.38642
PF10_0324	-0.25448	0.05076	0.20545	0.14163	0.11437	0.29248	0.45198	0.74202	1.00673	0.98958	1.31715	1.27003	0.91913	0.55384	0.49623	0.15119	-0.26712	-0.46048	-0.28349	-0.90647	-0.91312	-0.75935	-0.64176	-0.40168
PF10_0015	3.00945	2.44502	1.87722	1.5299	1.34388	0.68603	0.07515	0.30679	0.02226	-0.02268	0.01601	-0.76748	-0.39807	-0.61158	-0.80005	-1.00683	-1.49088	-1.17686	-0.95097	-0.41152	0.92876	1.25441	1.42722	2.04734
PF13_0235	-0.0087	0.00505	0.44602	0.55726	0.63828	0.74129	0.80492	0.69696	0.91635	1.00082	0.77166	0.60182	0.59744	0.6657	0.02546	-0.23511	-0.16416	-0.06855	-0.82947	-0.37211	-0.27393	-0.16305	-0.06652	0.29982
MAL8P1.65	-0.25906	0.05388	0.51206	0.54103	0.50388	0.45835	0.12327	-0.27919	-0.28351	-0.27496	-0.13412	-0.08491	0.32848	0.42233	0.51058	0.25597	-0.12471	0.10765	-0.36295	-0.5638	-0.5732	-0.53486	-0.47084	-0.2604
MAL13P1.31	-0.83409	-0.81344	-0.3464	-0.78936	-0.75005	-0.58423	-0.45468	-0.76355	-0.17059	0.09296	0.02132	0.27397	0.52049	0.83885	0.63025	0.56999	0.44522	0.42895	-0.37706	-0.05162	-0.25666	-0.49294	-0.7749	-0.96192
PFF0275c	0.55083	0.7937	0.18386	0.89522	0.91083	0.75136	0.54441	0.68603	0.52112	0.44105	0.36452	0.35586	0.26599	0.14306	-0.09074	-0.18319	-0.33101	-0.01434	-0.10347	0.05867	0.2055	0.42208	1.8896	0.44197
PFL1635w	0.02597	0.24647	0.06974	0.31959	-0.02399	0.31438	0.33936	0.27646	0.53142	0.61334	0.82955	0.68393	0.61186	0.54271	0.5033	0.43708	-0.04704	0.24976	0.02931	-0.2829	-0.47514	-0.41681	-0.4563	-0.39135
PF14_0710	-0.10933	-0.17536	0.39983	0.11946	0.02291	0.00562	0.04272	-0.09756	0.14367	0.4341	0.48637	0.76629	0.60569	0.55473	0.41701	0.32628	0.27843	0.21879	0.02243	0.19317	0.19989	0.27785	0.20113	0.1416
PF13_0119	0.18404	0.19756	0.18112	0.19075	0.04934	0.16493	-0.03861	-0.06293	-0.27911	-0.35291	-0.18747	-0.05979	-0.33858	-0.44231	-0.43154	-0.42082	-0.46832	-0.32172	0.58157	0.14173	0.15676	-0.17043	0.18508	0.2658
PFB0525w	-0.92655	-0.50142	-0.17333	0.06755	0.19416	0.44937	0.28781	0.25237	0.25557	0.34032	0.66247	0.71873	0.90593	0.66083	0.6441	0.3432	-0.30196	-0.35655	-0.7293	-1.15502	-1.28099	-1.15331	-1.15738	-1.05347
PFB0360c	0.07252	-0.29785	-0.31623	-0.75669	-0.951	-0.98969	-1.16331	-1.43223	-1.59712	-1.69328	-1.84099	-1.53958	-1.08076	-0.21169	0.56942	0.95031	0.89583	1.07057	1.24333	1.00674	0.79713	0.4311		

PF11 0286	-0.32803	-0.47389	-0.55727	-0.45177	-0.32556	-0.31559	-0.5008	-0.41247	-0.51086	-0.40965	-0.46531	-0.23652	-0.07089	0.18113	0.44554	0.53135	0.35637	0.40188	0.57986	0.48541	0.33141	0.19661	0.02098	0.08085
PF11 0465	-0.1841	-0.28511	-0.40325	-0.25494	-0.52646	-0.43183	-0.61419	-0.87555	-1.10782	-1.16669	-1.14866	-1.12207	-0.6777	-0.39039	0.30073	0.62414	0.64917	0.7808	0.67182	0.4232	0.35937	0.13424	-0.10417	-0.42017
PFD0530c	-0.0489	-0.65244	-0.58668	-0.79087	-0.72777	-0.83632	-0.69834	-0.80852	-0.83229	-0.88109	-1.0703	-0.84053	-0.93943	-0.51832	-0.4994	-0.28558	0.03569	0.13186	0.60371	0.63245	0.54359	0.34747	0.49119	0.52118
PFI0310w	0.77872	1.0207	0.85812	1.46461	1.39729	1.66883	1.47336	1.17189	1.14912	0.76802	0.64945	0.64891	0.29891	0.22122	-0.10705	-0.20546	-0.23752	-0.52491	-0.71662	-0.69975	-0.61964	-0.23486	0.07993	0.18465
PF10 0284	-0.82101	-1.02674	-0.5981	-0.80293	-0.98013	-0.81424	-0.43928	-0.00703	0.9483	1.18879	1.1788	1.1897	1.0112	0.84094	0.53193	0.18238	0.03374	-0.35917	-0.4953	-0.64416	-0.6608	-0.6296	-0.71528	-0.69575
PF14 0557	-0.21525	0.04274	0.63554	0.83317	0.91706	1.38295	1.41044	1.35545	1.39208	1.19604	1.16856	1.13241	0.79974	0.53812	0.4122	0.16307	-0.20702	-0.52785	-0.58874	-0.80889	-0.87852	-0.69128	-0.39279	
PF11 0167	1.35406	1.359	0.70772	1.32623	1.20748	0.689148	0.4252	0.41941	-0.48354	-0.85846	-0.74623	-0.7984	-1.05301	-0.99261	-0.65104	-0.26577	0.28541	0.64545	1.26671	1.02143	1.39478	1.1846	1.19197	1.18227
PF11 0435	0.04003	-0.22889	-0.4853	-0.5025	-0.678	-0.59213	-0.36773	-0.38231	-0.23031	-0.32405	-0.22064	-0.16213	0.03718	0.26426	0.30251	0.50066	0.50883	0.55392	0.58081	0.65497	0.75473	0.4976	0.28789	-0.18736
MAL8P1.58	-0.203	-0.04615	0.10458	0.26949	0.28663	0.29079	0.31863	0.30439	0.29765	0.34663	0.38966	0.51021	0.32158	0.45214	0.38807	0.53476	0.08047	0.12568	0.09184	0.20499	-0.00478	-0.34545	-0.20049	-0.30568
PFB0495w	-0.49457	-0.24502	0.21177	0.09923	0.34462	0.66183	0.94494	1.47144	0.99037	1.2526	0.90998	0.59767	0.2149	0.02088	0.02786	-0.60581	-1.3943	-0.64688	0.48337	0.35519	0.55585	-0.01791	0.67023	1.07304
PFL2335w	-0.04792	0.14516	0.19537	0.33417	0.23485	0.23872	0.25125	0.01192	0.07616	-0.03661	-0.16684	-0.2339	-0.09094	0.12911	0.08409	0.18093	0.0372	0.32276	-0.73095	-0.08178	-0.02961	-0.01032	0.05764	-0.0892
PF14 0694	0.09939	-0.45347	-0.8679	-1.29489	-1.09906	-1.29467	-1.46871	-1.71693	-1.91785	-2.0385	-2.07995	-2.11016	-1.7493	-1.78046	-0.73898	-0.33686	0.2529	0.33608	1.6692	1.00663	0.76173	0.31368	0.87965	0.51431
PFL0440c	0.50977	0.73266	0.58066	0.90832	0.94978	0.536	0.35585	0.42395	-0.10705	-0.07948	-0.2798	-0.2944	-0.21933	-0.03193	-0.15893	-0.06831	-0.04184	-0.04278	-0.40549	0.01294	0.04318	0.2425	0.39766	0.44573
PF11 0169	0.31118	0.72447	0.55145	1.03259	1.27854	1.50027	1.32789	1.37497	-0.89826	0.26232	0.44906	0.087	-0.20235	-0.45219	-0.45334	-0.57165	-0.08982	-0.47517	-0.33706	-0.33334	-0.55696	-0.28541	0.06897	0.47077
PFB0745w	0.20931	0.65768	0.99964	0.73103	0.6788	1.04816	0.84399	0.77374	1.16002	1.21021	1.19506	1.08096	0.89319	0.66711	0.32783	0.00073	-0.23616	-0.35418	-0.6888	-0.89157	-0.9029	-0.52054	-0.59012	-0.22399
PF13 0081	0.34426	0.41394	0.33034	0.74403	0.81509	0.77981	0.61437	0.48532	0.03049	0.14228	0.36541	0.32328	0.6125	0.44104	0.54808	0.3575	0.5124	0.30525	0.35429	0.13999	0.25947	0.22342	0.46058	0.5495
PF11 0277	0.36295	-0.1773	-0.23572	-0.88415	-1.3067	-1.42051	-1.65245	-1.98817	-2.45525	-2.81576	-2.9926	-3.02534	-3.07892	-2.93618	-2.77435	-1.83892	-0.03156	0.38361	0.66721	1.23184	1.17319	0.94762	1.23219	0.86495
PFC0220w	-0.63926	-0.95927	-0.72297	-1.07824	-1.10326	-1.12803	-1.15743	-1.06756	-0.7133	-0.08717	-0.09232	0.24822	0.42489	0.66501	0.65497	0.57951	-0.60931	0.50029	0.0342	0.35171	-0.23109	-0.33139	-0.38434	-0.47113
MAL13P1.351	-0.07117	0.21438	0.54527	0.60544	0.54019	0.55793	0.60568	0.41442	0.2009	0.31866	0.38118	0.40557	0.54468	0.67113	0.45946	0.37973	0.29667	0.18674	-0.06204	0.10414	0.15145	0.10764	0.25437	0.3294
PF11 0170	-0.13561	0.17546	0.52679	0.4409	0.41395	0.50997	0.57833	0.43859	0.35884	0.428	0.35575	0.4858	0.45339	0.1769	0.32606	0.23485	-0.04849	-0.07462	0.16084	-0.27809	-0.3338	-0.19823	-0.06417	0.09794
PFL0075w	0.68621	1.00999	0.7778	0.96147	0.891	0.82617	0.82617	0.853	0.83362	0.71666	0.73785	0.57408	0.19015	-0.06722	-0.29214	-0.63936	-0.57176	-0.95133	-1.0324	-0.90959	-0.50403	-0.08385	0.08369	0.37538
PF14 0555	0.42431	0.56888	0.71281	0.66527	0.55798	0.2738	1.04905	0.06781	-0.17589	-0.47097	-0.34907	-0.216	-0.03746	0.06643	0.466	0.51808	0.16491	0.44166	0.4331	0.34134	0.11309	0.00883	0.11302	0.15789
PFA0540c	-0.83637	-0.34984	-0.67234	-0.9151	-1.05507	-1.10827	-1.01943	-0.52	-0.04093	0.12731	0.55503	0.59271	0.71477	0.43828	0.67269	0.61058	0.22146	0.56535	0.56881	0.0457	-0.20076	-0.4696	-0.5322	-0.51849
PFC0385c	-0.00445	0.17235	-0.12932	-0.27158	-1.38E-05	0.00553	0.01827	0.09679	-0.25575	-0.21916	-0.3542	-0.37256	-0.23909	0.12155	0.20019	0.27311	0.45588	0.4888	-0.0604	0.14071	0.12781	0.33893	-0.08081	-0.19851
MAL13P1.338	-0.10196	0.26069	0.39041	0.30117	0.28619	0.36273	0.42017	0.64099	0.40601	0.4646	0.54862	0.36222	0.48568	0.17746	0.27494	0.1356	0.06259	-0.28759	-0.31506	-0.49664	-0.39312	-0.27739	-0.31697	-0.10902
PF14 0200	-0.80171	-0.9218	-0.89683	-0.6021	-0.39112	0.02523	0.17439	0.34385	0.61327	0.62868	0.89259	0.88273	0.88178	0.71475	0.69738	0.52695	-0.01296	0.02035	0.0114	-0.48925	-0.74679	-0.99965	-1.18045	-1.09594
PF11 0503	-0.52937	-0.43023	0.3323	0.68913	1.55314	2.23924	2.10644	1.72605	1.35615	0.85205	0.05113	-0.66367	-1.11009	-1.36677	-1.68048	-1.93024	-1.77213	-1.46933	-1.78171	-1.23539	-1.02405	-0.69834	-0.38518	0.02561
MAL13P1.97	0.39105	0.38829	0.54968	0.7961	0.99674	0.82347	0.77505	0.94054	0.50397	0.46636	0.34741	0.11889	-0.0463	-0.20993	-0.24958	-0.11527	-0.11899	-0.06336	0.33425	0.07336	0.29118	0.49249	0.39263	0.37205
PF10 0109	0.20798	0.20425	-0.05345	0.38169	0.68722	0.63326	0.7415	0.87065	0.62459	0.53865	0.6515	0.36374	0.21233	0.07237	-0.05934	0.03158	-0.31379	-0.20071	0.41671	-0.22461	-0.2378	-0.20639	0.00936	0.36013
PF07 0119	-0.28752	-0.17517	-0.30306	-0.13775	0.00363	0.02857	-0.05887	0.2714	0.27925	0.27035	0.53672	0.4541	0.38869	0.18306	0.25823	0.31305	0.14447	0.20833	0.51928	0.14714	0.24108	-0.10227	-0.05526	0.11654
PF10 0044	0.54407	0.54626	0.64718	0.50806	0.5981	0.43632	0.37277	0.80755	0.38397	0.35847	0.34668	0.34778	0.33499	0.22833	0.22962	0.32954	0.34553	0.27453	0.29759	0.20897	0.20335	0.34066	0.20115	0.23571
PFE0190c	-1.07619	-1.5299	-0.52283	-1.10381	-1.02563	-0.05858	0.31095	0.11972	0.59155	0.71416	0.78824	0.84884	0.95388	0.94375	0.7371	0.4349	0.08591	-0.11256	-0.29882	-0.65737	-0.90721	-0.99032	-1.13453	-1.01421
PF14 0656	-0.29071	-0.2455	0.24382	0.0893	0.03268	0.42893	0.41407	0.22894	0.46191	0.37183	0.44512	0.40645	0.54495	0.41318	0.47577	0.19233	0.13083	-0.18273	-0.35886	-0.26573	-0.43662	-0.41442	-0.39237	-0.11806
MAL7P1.104	0.39047	0.62435	0.23463	0.71063	0.51405	0.40708	0.5594	0.81977	0.67	0.52286	0.79565	0.61325	0.43742	0.16229	0.35244	0.12029	0.05528	0.14422	-0.064	-0.29825	-0.40104	-0.47154	-0.32228	-0.1476
PF10 0096	0.71222	1.1228	0.73773	1.18448	1.20666	0.72943	0.69408	0.96855	0.90212	0.89836	0.82413	0.79723	0.56863	0.30783	0.20289	-0.01392	-0.0442	-0.27545	-0.3569	-0.17154	-0.12511	0.04404	0.18732	0.381
PFE0705c	-0.64957	-0.62177	-1.93125	-0.71598	-0.65177	-0.73101	-0.92539	-1.01891	-0.74685	-0.50414	-0.17138	-0.26235	0.22781	0.35737	0.60128	0.45752	0.68871	0.52891	0.33078	0.2925	0.21063	0.08466	-0.16434	-0.37006
PF13 0224	0.51735	0.97891	1.12192	1.37055	1.2028	1.46159	1.20021	1.55574	1.47868	1.25321	1.39507	1.20138	0.97453	0.50318	0.65142	0.25427	-0.20642	-0.33457	-0.23009	-0.59016	-0.785	-0.34081	0.07595	0.21537
PF11 0152	1.35914	1.23512	0.88928	1.38277	1.09176	1.06945	0.54122	0.43145	-0.1531	-0.61029	-0.61056	-0.75884	-1.27001	-1.51729	-1.69136	-1.85324	-2.23513	-1.75626	-0.47496	0.21105	0.63296	0.71443	1.11307	1.25491
PF10 0350	-2.17275	-1.93592	-1.14131	-0.32901	1.16943	2.40156	2.76354	2.47362	2.39685	1.73264	0.7962	-0.22529	-1.60667	-2.46862	-2.78564	-2.92726	-3.61573	-2.50746	-2.53583	-2.38124	-2.87482	-2.58782	-2.28116	-2.1317
PFC0760c	-0.21488	-0.0657	0.20155	-0.09518	-0.17854	-0.27104	-0.11777	-0.28777	-0.24069	-0.08568	-0.33692	-0.2798	-0.09048	0.17861	0.04278	-0.04109	-0.13988	0.0715	-0.52282	-0.00961	0.11277	0.04268	-0.05776	-0.11966
PF07 0035	-0.85605	-1.04041	-1.06056	-1.20723	-1.04923	-1.15964	-1.12893	-1.05497	-0.93341	-0.54575	-0.19393	0.11421	0.43239	0.79377	0.70019	0.74793	0.62198	0.62654	0.20702	0.15396	-0.27317	-0.4		

PFL0905c	-0.00625	0.10258	0.14166	0.05317	0.04979	-0.19739	-0.13511	-0.05046	0.07704	-0.04915	0.15388	0.28336	0.21959	0.15866	0.21109	0.22658	0.38115	0.08724	0.12471	0.01387	-0.08202	0.04954	-0.11642	-0.12386
PF14_0064	-0.42487	-0.51673	-0.79372	-0.61795	-0.54809	-0.47726	-0.29763	-0.00889	-0.05647	0.05763	0.25083	0.34691	0.40525	0.42619	0.51305	0.60359	0.41154	0.51248	0.88646	0.43916	0.14472	-0.10802	-0.18784	-0.22551
PFE0810c	-0.48456	0.04351	0.44154	0.61297	0.59604	0.71347	0.3732	0.64199	0.44399	0.51717	0.72247	0.63732	0.43903	0.25616	0.15888	-0.08953	-0.91899	-0.62184	-1.07664	-1.38894	-1.48249	-1.16992	-0.96802	-0.5245
PF08_0124	0.38026	0.28575	0.49092	0.39682	0.34719	0.26198	0.03847	0.21916	0.21829	0.22941	0.28874	0.28794	0.29457	-0.03089	0.0209	-0.27336	-0.0091	-0.56546	-0.3462	-0.23388	-0.03498	0.02696	0.15617	0.16425
PFC0911c	-0.5549	-0.41726	-0.24122	-0.4678	-0.67122	-0.74014	-0.65712	-0.46609	-0.38477	-0.46015	-0.1495	0.21624	0.56556	0.4729	0.67928	0.70857	0.35107	0.57164	0.90513	0.52413	0.18708	-0.12927	0.11795	0.06894
PFF1420w	1.29085	0.52285	0.03931	-0.16056	-0.55704	-0.66195	-1.12327	-1.13231	-1.31084	-1.7639	-1.96056	-1.7474	-1.9255	-1.89914	-1.99648	-1.5381	-0.3981	-0.03495	1.45016	1.30059	1.35621	1.44087	1.69104	1.54541
PF10_0199	-0.35779	-0.11631	0.26868	0.19667	0.12234	0.51794	0.59833	0.40029	0.77161	0.80724	0.69286	0.82941	0.71528	0.83857	0.48818	0.21093	0.04063	-0.01869	-0.43761	-0.41668	-0.49687	-0.24994	-0.24882	-0.31362
PFD0095c	1.74256	1.5574	1.15994	1.37685	1.11418	0.92164	0.47817	-0.16706	-0.63562	-1.19669	-1.4857	-1.83111	-2.4771	-2.90398	-3.07281	-3.37891	-3.44325	-2.65003	-0.06834	0.96877	1.16546	1.10771	1.62116	1.70826
MAL8P1.12	0.41722	0.28807	0.09758	0.08746	0.03665	-0.16421	-0.26961	-0.44807	-0.80031	-0.80837	-0.48663	-0.99316	-0.89165	-0.52992	-0.0153	0.1932	1.10641	0.60852	0.75665	1.15852	1.09113	0.8414	0.74313	0.53907
PF11_0485	-0.43344	-0.20566	-0.36037	-0.52145	-0.62239	-0.53256	-0.38628	-0.34939	-0.15897	-0.00357	0.30452	0.60731	0.71371	0.58191	0.80454	0.76379	0.35522	0.57887	0.18963	0.03146	-0.06532	0.04099	-0.11524	-0.03275
PF14_0265	-0.35167	-0.57795	-0.65531	-1.04556	-1.16367	-1.01039	-0.81757	-0.20893	0.41665	0.62707	0.79471	0.77132	0.75567	0.51456	0.60226	0.459	0.28677	0.26873	0.41257	0.1122	-0.00535	-0.16304	-0.30664	-0.5659
MAL13P1.317	1.35592	1.56368	1.6813	1.69421	1.55498	1.33952	1.55569	1.16834	1.15562	0.88666	0.69577	0.52819	0.22921	0.06352	-0.26231	-0.62038	-0.29628	-0.89247	-1.0575	-0.65568	-0.1213	0.28848	0.52354	0.95764
PF14_0573	0.68109	0.1881	0.79175	0.26517	0.24702	0.11514	0.08864	-0.01267	0.18378	0.28325	0.2686	0.09253	0.06916	-0.04576	-0.17485	-0.22191	-0.30049	-0.37963	0.77294	0.37693	0.36965	0.13969	0.46415	0.6141
PFE0585c	-0.97294	-0.83633	-0.80482	-0.81766	-0.83665	-0.75613	-0.89799	-0.81075	-0.85716	-0.33511	-0.05668	0.38796	0.63727	0.61845	-0.70507	0.73519	0.34767	0.46025	0.02688	-0.40303	-0.73903	-0.178402	-1.0184	-1.17887
PF13_0290	-0.18393	-0.02342	0.02909	0.29376	0.20526	0.18361	0.2185	0.27633	0.3181	0.40192	0.21294	0.2732	0.23974	0.20975	0.32764	0.12983	0.45672	0.15872	-0.01817	0.04416	-0.01189	-0.07549	-0.04554	-0.01909
PFD0885c	0.14643	0.021	-0.20197	-0.0982	-0.19588	-0.49968	-0.42778	-0.54168	-0.29874	-0.22612	-0.37963	-0.36231	-0.36731	-0.3414	-0.51386	-0.27755	-0.18853	0.10764	-0.59384	0.20943	0.4593	0.39807	0.42929	0.23523
PF11_0179	0.36264	0.19897	0.073	0.42292	0.64855	0.71584	0.29134	-0.01194	-0.49476	-1.04912	-0.8533	-0.68409	-0.75141	-0.49377	-0.28825	-0.05468	0.10419	0.4437	0.37472	0.14856	-0.028	0.23643	0.30798	
PF14_0110	0.30588	0.22821	0.09541	0.0479	0.01329	-0.06756	-0.11523	-0.16035	-0.44865	-0.56162	-0.70159	-0.86572	-1.12001	-1.23698	-1.45399	-1.36979	-0.5431	-0.73737	0.31637	0.3871	0.48786	0.3448	0.52195	0.59975
PFF0490w	0.8398	0.72573	0.6878	0.27059	-0.00343	-0.06931	-0.09405	-0.2192	-0.11584	-0.00015	-0.07824	-0.0078	0.0339	0.02127	-0.062	0.14288	0.43075	0.58757	0.61731	0.64866	0.83079	0.66862	0.52196	0.22104
MAL13_tRNA_Ar g3	0.94287	1.35433	0.32735	0.2551	0.04963	0.38345	1.74E-05	0.39859	-0.17732	-0.24499	-0.36731	-0.4409	-0.42605	-0.65408	-0.35133	0.05321	-0.62643	1.04181	0.72466	0.44131	0.62785	1.47297	0.91269	0.65939
PFE0405c	0.41449	0.4344	0.07655	0.22821	0.25371	0.25077	0.08398	0.09587	-0.29063	-0.46977	-0.23927	-0.29719	-0.01918	0.24408	0.53839	0.77434	0.27079	0.90493	1.03525	0.85603	0.79848	0.66479	0.58619	0.5653
PFF1250w	0.09121	0.15472	0.48759	0.78951	0.89631	1.2644	1.10177	0.85368	0.83291	0.73864	0.52726	0.71862	0.61947	0.71914	0.47313	0.36262	0.21575	0.19263	0.02335	-0.20154	-0.38164	-0.25014	-0.07138	-0.00106
PF07_0013	-0.03635	-0.10203	0.04383	0.50677	0.75324	0.20512	0.40859	1.39328	1.2537	0.97667	0.88645	0.87308	0.48478	0.46577	0.19853	0.09346	0.10413	0.2177	0.13808	-0.06347	0.10502	0.0195	-0.11354	-0.12542
MAL13P1.190	-1.01046	-0.92103	-0.75166	-0.63989	-0.53235	-0.31677	-0.2649	-0.19966	-0.26706	-0.06211	0.0958	0.3767	0.52854	0.44185	0.7702	0.73635	0.46686	0.54167	0.26653	-0.05155	-0.31123	-0.53217	-0.65917	-0.83988
PFD0440w	-0.16946	-0.68188	-0.95077	-1.09102	-1.1801	-1.46003	-1.34164	-0.72624	0.3544	0.52461	0.73778	0.91781	0.8611	0.7762	0.66718	0.41931	0.22933	0.17499	-0.11231	-0.15058	-0.30716	-0.30588	-0.58508	-0.63786
PFL715w	0.10728	0.23971	0.41712	0.50206	0.60741	0.72321	0.57678	0.92788	0.86541	0.86703	0.68683	0.78731	0.55407	0.45152	0.1671	0.18817	-0.16721	-0.02403	-0.05061	-0.24921	-0.40825	-0.25959	-0.18947	0.09031
PFD0935c	-0.60539	-0.69888	-0.67686	-0.94339	-0.88512	-1.01913	-0.94612	-0.70567	-0.23741	-0.06367	0.02712	0.21534	0.23163	0.44439	0.50763	0.61384	0.67834	0.4517	0.54387	0.44276	0.16857	-0.16396	-0.42335	-0.616
PF11_0083	0.01629	-0.33635	-0.59374	-0.63629	-0.63255	-0.66418	-0.76112	-0.81513	-1.0565	-0.8565	-0.10341	-0.79805	-0.61594	-0.19829	0.37991	0.73953	0.67391	0.8813	0.81222	0.70906	0.60757	0.33223	0.09623	-0.25774
MAL8P1.30	-1.05166	-1.0235	-1.24064	-1.22835	-1.4021	-1.45054	-1.25682	-1.24089	-1.0204	-0.72179	-0.34759	-0.1133	0.34577	0.52664	0.85903	0.92539	0.50097	0.61509	0.5461	0.23462	-0.2663	-0.60718	-1.0346	-0.99791
PFD0865c	-0.90462	-0.89407	-0.91838	-1.05077	-1.0846	-0.51025	0.0067	0.18257	0.28534	0.34728	0.34065	0.45803	0.51876	0.67877	0.54546	0.43747	0.29581	0.32215	-0.23472	-0.14091	-0.47322	-0.74102	-0.86973	-0.9612
PF10_0124	0.06307	0.04965	0.14156	-0.03384	-0.17006	-0.09516	-0.31439	-0.50748	-0.39276	-0.23457	-0.23635	-0.10696	0.14495	0.45211	0.36409	0.41158	0.57351	0.42457	0.03722	0.18356	0.06445	-0.08523	-0.29588	-0.45238
PFB0295w	0.59661	0.48833	0.5265	0.62936	0.40043	0.44401	0.54185	0.6048	0.43188	0.37073	0.62702	0.32033	0.26994	0.01894	0.02517	-0.10186	-0.34025	-0.22284	-0.01627	-0.22836	-0.40918	-0.22002	0.14111	0.38204
PF1265w	-0.4344	-0.44628	-0.16572	-0.19725	-0.1448	0.05019	-0.00891	-0.02568	0.14097	0.42858	0.5165	0.64163	0.61319	0.82885	0.34711	0.24322	0.16038	0.19837	-0.49058	-0.09416	-0.11705	-0.21553	-0.27331	-0.27911
MAL7P1.157a	-0.0391	0.311	0.33711	0.25681	0.35174	0.45869	0.44555	0.49856	0.46457	0.40181	0.3194	0.4908	0.46952	0.44444	0.28736	0.07009	0.00743	-0.03576	-0.40687	-0.50405	-0.42219	-0.28216	-0.29323	-0.22686
PFD1120c	-0.81154	-1.22271	-1.25052	-1.49829	-1.26396	-1.20414	-1.08701	-1.15721	-1.42381	-1.3239	-1.36247	-1.36335	-1.12164	-0.54587	0.21401	0.55241	0.55294	0.77086	0.38664	0.62586	0.78236	0.21166	0.13354	-0.00814
PF10_0265	-0.46373	-0.54308	-0.31429	-0.30177	-0.34059	-0.31871	-0.47067	-0.5128	-0.08685	0.48086	0.55727	0.56977	0.75141	0.70033	0.54439	0.38664	0.38412	0.03095	-0.2558	-0.2773	-0.21975	-0.19166	-0.20566	-0.27255
PF14_0580	-0.72385	-0.93349	-2.00765	-0.57188	-0.48664	-0.44513	0.0143	0.09899	0.2725	0.38072	0.31692	0.32953	0.33505	0.49184	0.67736	0.52099	0.4415	-0.00479	0.25428	-0.02757	-0.44232	-0.67143	-0.50977	-0.50659
PF08_0081	0.60602	0.61437	0.71419	1.26742	1.40162	1.24891	1.20109	0.72936	1.00646	0.71113	0.64681	0.53092	0.21317	-0.15006	-0.27249	-0.53525	-0.77766	-0.8337	-0.71376	-0.97237	-0.49219	-0.27586	-0.08981	0.07281
PFL0365c	0.55146	0.98671	1.05431	1.3996	1.43669	1.2754	1.34149	1.10161	0.38812	0.44351	0.57497	0.26736	0.30257	0.02224	-0.09628	-0.18821	-0.32798	-0.18078	0.24466	-0.02116	0.45093	0.32973	0.64774	0.89522
PFE0360c	1.65158	1.00592	-0.12162	0.38674	0.19296	-0.51528	-0.90595	-1.09833	-1.67259	-1.90336	-2.07294	-2.14333	-2.02016	-2.18916	-1.85985	-1.83194	-0.90046	-0.14123	1.20125	1.42026	1.74548	1.5141	1.63735	1.71547
PF14_0135	1.04574	0.47953	0.32569	-0.38989	-0.49059	-0.83758	-1.16623	-1.42166	-1.68092	-2.74723	-1.68917	-1.50046	-1.45787	-1.35216	-1.41998	-1.11929	-0.32902	-0.1255	0.51517	0.9599	1.148			

PF10_0229	-0.11756	-0.02783	-0.60944	-0.53954	-0.28941	-0.36167	-0.40254	-0.41147	-0.28685	-0.46152	-0.22958	-0.0381	0.04271	0.30515	0.56275	0.64016	0.50693	0.42329	0.46488	0.06575	0.01476	-0.04109	-0.12778	-0.07466
PFL0610w	-0.35667	-0.40235	-0.20266	-0.57557	-0.58948	-0.50335	-0.17517	-0.06841	0.50267	0.79349	0.69456	0.86114	0.82726	0.67868	0.42048	0.13105	0.07581	0.09112	-0.47038	-0.25987	-0.24732	-0.16742	-0.13686	-0.05239
PF13_0169	1.28489	0.65928	-0.81506	0.20554	-0.14358	-0.35895	-0.59671	-0.67675	-1.04554	-1.03875	-1.28437	-1.18255	-1.17298	-1.1942	-1.31631	-1.2193	-0.54964	0.11268	1.10101	1.26974	1.3803	1.48196	1.53745	1.4117
PFB0755w	-0.2137	-0.24284	-0.43418	-0.41602	-0.31871	-0.14911	0.06554	0.24061	0.26975	0.16259	0.15812	0.18117	0.3062	0.4244	0.44964	0.50124	0.2535	0.53996	0.23375	0.40127	0.1735	-0.09827	-0.26395	-0.49931
MAL7P1_76	0.73228	1.39421	1.12678	1.43679	1.35742	1.19796	0.92646	0.82084	0.4385	0.11395	0.17484	0.05214	-0.0527	-0.40761	-0.47504	-0.89108	-1.35561	-1.5403	-1.65132	-1.43144	-0.67956	0.08972	0.15014	0.31002
PFD0750w	0.08484	0.38131	-1.66547	0.43627	-0.05005	0.37641	0.3153	0.03172	0.30897	0.15552	0.21779	0.64397	0.53504	0.12739	0.29525	0.19981	-0.14223	-0.41172	0.18048	-0.40077	-0.20003	0.24993	0.48041	0.05069
MAL13P1.56	-0.40367	-0.4895	-0.48265	0.05664	0.37488	0.60519	0.57858	0.59644	0.60476	0.77524	0.67542	0.70452	0.43818	0.41093	-0.18138	-0.44975	-0.57722	-0.61497	0.23998	-1.41716	-1.18931	-0.95028	-0.78626	-0.59639
PF14_0391	-0.62141	-0.09892	0.52397	0.40967	0.37983	0.58096	0.72619	0.55025	0.6208	0.80514	0.55537	0.79641	0.43617	0.10391	-0.25046	-0.55983	-1.66172	-0.81335	-1.49012	-1.71395	-1.80768	-1.42129	-1.278	-0.82204
PF11_0311	-0.25068	-0.34466	-0.12418	-0.00503	-0.12109	-0.11995	0.1792	0.36341	0.60018	0.61333	0.68408	0.72255	0.7155	0.63079	0.3938	0.1136	0.09137	-0.00769	-0.56604	-0.34418	-0.56442	-0.70827	-0.71578	-0.62397
PFL1845c	-0.92818	-0.60513	-0.07124	-0.27881	-0.29767	-0.03969	0.1906	0.70637	1.16094	1.29088	1.45227	1.57075	1.26078	0.90164	0.57772	0.26087	-0.74374	-0.46761	-0.67345	-1.02158	-1.00037	-1.0942	-1.01708	-0.82607
MAL7P1.82	-0.23681	-0.45996	-0.73375	-0.72295	-0.70926	-0.76225	-0.98465	-0.99331	-1.44247	-1.22238	-0.99062	-0.76286	-0.23211	0.09432	0.58924	0.87773	0.91206	0.73805	0.96239	0.5588	0.51216	-0.05145	-0.20959	-0.04572
MAL13P1.164	-0.83797	-0.83376	-0.91032	-0.8696	-0.95092	-0.9505	-0.91263	-0.70365	-0.21718	0.11387	0.46008	0.76477	0.9907	0.87078	0.87276	0.66326	0.36234	0.213	0.29836	-0.18092	-0.34358	-0.51505	-0.52975	-0.69151
PFL1785c	-0.14889	-0.38351	-0.64206	-0.56985	-0.48716	-0.89655	-1.03339	-0.94915	-1.50691	-1.53967	-1.34351	-1.52253	-1.52249	-1.47842	-0.84774	0.11488	0.37149	0.38565	1.35105	1.02371	0.84607	0.47043	0.59013	0.44428
MAL13P1.158	-0.10129	-0.17435	-0.32874	-0.18732	0.02237	0.31113	0.51612	0.78669	1.0892	0.97706	0.85673	0.88783	0.6342	0.44561	-0.27722	0.02835	-0.21372	-0.26608	0.03063	0.02719	0.22953	0.06967	0.11274	0.23836
PFF0805c	-0.51818	-0.53866	-0.79225	-0.77612	-0.89334	-0.89823	-0.78813	-0.65982	-0.45299	-0.1148	0.02166	0.10035	0.46544	0.37749	0.52238	0.56792	0.76613	0.38209	0.38663	0.22489	0.14369	-0.22875	-0.23808	-0.43255
PF13_0299	-0.63274	-0.94178	-1.00633	-1.43416	-1.43067	-1.7149	-1.95944	-2.05237	-2.37286	-2.12653	-1.71137	-1.29486	-0.56714	-0.01126	0.50553	0.69389	0.87162	0.89056	0.49887	0.71056	0.58681	0.10186	-0.04462	-0.37794
PFI0825w	-0.10071	0.27025	0.70338	0.43609	0.27432	0.19068	0.1145	0.09117	-0.30468	-0.40737	-0.36199	-0.23061	-0.13887	-0.30739	0.00922	-0.01288	0.15219	0.07793	-0.25725	-0.18111	-0.4857	-0.34691	-0.26136	-0.22367
PFE1105c	0.35508	-0.20778	-0.10907	-0.1203	-0.20929	-0.25769	-0.41933	-0.46668	-0.81457	-1.21209	-1.26058	-1.62707	-1.36282	-1.27743	-0.83559	-0.30032	0.31747	0.47017	1.25045	1.12766	1.20364	0.8527	1.09852	1.25958
PF10_0121	-2.67921	-2.38984	-1.73595	-1.63933	-0.99902	-0.56433	-0.4571	0.20626	0.69361	1.33315	1.2423	2.00788	1.19041	0.83236	0.19051	-0.16268	-0.26706	-0.58399	-1.19899	-2.56608	-2.83243	-2.81589	-3.25255	-3.12298
PFL1230w	1.07916	1.34274	1.24	1.71187	1.51746	1.36435	1.26426	1.55509	1.31969	1.02722	1.11756	0.73118	0.44416	0.13476	-0.03639	-0.33678	-0.45861	-0.6667	-0.65502	-0.40661	0.14812	0.38164	0.69559	1.00199
PF14_0220	1.80445	1.10341	0.88958	1.34617	1.03829	0.98424	0.8044	0.73031	-0.02534	-0.04976	0.0413	-0.02001	-0.15077	-0.24203	-0.47917	-0.49588	-0.61505	-0.1166	0.54779	0.66542	1.04133	1.07653	1.31122	1.71299
PFA0300c	-0.56658	-0.19989	-0.56859	-0.20768	-0.21214	-0.13354	-0.10993	0.21009	0.40636	0.26491	0.32842	0.58086	0.33563	0.27978	0.1493	0.1143	-0.11899	-0.34523	0.21917	-0.19139	-0.37022	-0.45932	-0.51942	-0.45664
PFL2255w	-0.40245	-0.47747	-0.50163	-0.54976	-0.38914	-0.42762	-0.10358	-0.62963	-0.62224	-0.38464	-0.17189	-0.03407	0.1131	0.18234	0.5019	0.66068	0.57259	0.48533	0.8366	0.42179	0.26595	0.02516	-0.01657	-0.04697
PFI1415w	-0.56088	-0.72323	-0.53741	-0.41457	-0.40861	-0.52186	-0.32575	-0.08492	0.29288	0.51234	0.55491	0.52948	0.70511	0.49365	0.50212	0.30661	0.18185	0.16175	-0.10802	-0.17608	-0.15445	-0.25328	0.01539	-0.01379
PFB0925w	1.60987	1.76395	1.37773	1.11657	1.36946	0.87089	0.53025	0.26373	-0.40333	-0.89287	-1.20191	-1.46856	-1.78544	-2.01322	-2.01189	-2.12135	-1.4503	-1.49514	0.18713	1.27436	1.39555	1.18442	1.73463	1.76115
PF14_0463	-0.95958	-1.04655	-1.49144	-1.4679	-1.6011	-1.63958	-1.51368	-1.40992	-0.75527	-0.4472	-0.50574	-0.21385	0.0588	0.531	0.53484	0.48252	0.8564	0.43487	-0.34082	0.10099	-0.00219	-0.21966	-0.56471	-1.01227
PF10_0085	0.85617	0.68255	0.78445	0.74823	0.66547	0.75662	0.67099	0.80216	0.4389	0.44573	0.4547	0.3629	0.07636	-0.42328	-0.64609	-1.07369	-1.5623	-1.55839	-0.92143	-0.60012	-0.15943	0.18877	0.33067	0.6902
PFL0555c	0.44713	0.53511	0.18282	0.46551	0.4155	0.36432	0.33176	0.26882	0.33215	0.39413	0.32299	0.31812	0.3341	0.38186	0.28699	-0.02529	0.00862	-0.09603	-0.68806	-0.34261	-0.31995	-0.20957	-0.14387	0.05639
PFL1975c	0.50595	0.78946	0.32374	-0.06239	0.28846	0.02155	0.1482	0.17671	-0.47477	0.00365	-0.40705	-0.48967	-0.3426	-0.02861	-0.45868	-0.33038	0.10507	0.06105	0.00326	-0.55566	-0.29456	-0.46469	0.00561	-0.28711
PFO8_0019	-1.11668	-0.26099	0.06061	0.41608	0.8081	0.68537	0.71446	0.42591	0.37157	0.53549	0.64801	0.55073	0.37805	0.22221	0.16505	-0.18112	-0.90613	-0.8973	-1.57215	-2.14638	-2.21515	-1.85902	-1.73593	-1.26394
PFI0585c	-0.56879	-0.66071	-0.34799	-0.50938	-0.39284	-0.33521	-0.18247	0.01841	0.36256	0.57207	0.78046	0.95915	0.86181	0.74259	0.47986	0.19679	0.03519	-0.0818	-0.69293	-0.37354	-0.56987	-0.72151	-0.55488	-0.58796
MAL13P1.133	-0.08001	0.02909	-0.0974	-0.00834	0.22733	-0.13477	0.06119	0.18483	0.52298	0.71544	0.58146	0.60082	0.67537	0.84695	0.27004	0.10859	0.18879	0.18673	-0.54091	-0.0192	-0.0896	0.15931	-0.023	-0.02738
PFI0285w	0.41103	0.36085	0.72862	0.54714	0.47131	0.46929	0.45492	0.78462	0.83538	0.77229	0.57376	0.49167	0.5501	0.37398	0.0483	-0.10325	-0.22325	-0.13579	-0.47617	-0.10004	-0.07682	-0.09894	-0.06499	0.27355
MAL8P1.45	-0.40838	-0.42093	-0.61595	-0.41138	-0.26725	-0.66729	-0.72124	-0.56262	0.55762	1.07606	1.25844	1.32702	0.95494	0.7836	0.41487	0.14832	-0.09857	-0.19958	-0.31472	-0.52288	-0.61333	-0.52369	-0.63217	-0.71256
MAL8P1.104	0.33161	0.3741	0.25046	0.43738	0.45566	0.25996	0.1019	-0.0805	-0.14833	-0.08212	-0.24133	-0.21778	-0.21337	-0.05433	-0.20304	-0.14063	-0.11151	-0.17879	-0.88159	-0.12112	0.02287	0.08366	0.36457	0.33828
PFE1465w	-0.77135	-1.00981	-1.04976	-1.49926	-1.70222	-1.60225	-1.61098	-1.67972	-1.27711	-0.87658	-0.7846	-0.4635	-0.17308	0.0881	0.3724	0.73442	0.80978	0.96045	0.41819	0.32307	0.24281	0.14738	-0.20541	-0.70293
PFE0260w	-0.31598	-0.38194	-0.49101	-0.67542	-0.67023	-0.7895	-0.70938	-0.8095	-0.51202	-0.1665	-0.03419	0.3324	0.45729	0.59536	0.69002	0.64609	0.5732	0.5704	0.50626	0.35087	-0.34535	-0.7297	-0.81857	-0.75418
PFO8_0142	-0.14387	-0.07787	0.16511	-0.0266	0.18707	0.00254	-0.05872	-0.15553	-0.36681	-0.70848	-0.24508	-0.29939	-0.33742	-0.05893	0.0453	-0.20622	0.11944	-0.50395	-0.62842	0.04618	0.07395	-0.69702	-0.28314	-0.56161
PFA0465c	-0.04166	0.05335	-0.17967	0.76462	0.80419	1.07749	1.00686	1.05612	1.17436	0.83037	0.82895	0.71239	0.39733	0.35575	0.43064	0.34091	-0.11125	-0.0199	0.4942	-0.12152	-0.22563	-0.19799	-0.32208	-0.30131
PF13_0042	-0.19853	0.39912	0.22271	0.55048	0.53402	0.73424	0.70738	0.85971	0.95476	0.81061	0.69835	0.75718	0.69419	0.33552	0.27209	-0.14688	-0.04258	-0.58638	-0.76265	-1.02008	-0.73376	-0.50824	-0.51552	-0.31415
PF14_0546	-0.19449	0.27629	0.19071	0.36551	0.3767	0.18122	0.14851	0.23186	0.31334	0.52986	0.6584	0.73562	0.7241	0.41334	0.21988	-0.18583	-0.76367	-1.14246	-1.5658	-1.442				

PF13_0343	0.77001	0.90762	0.69641	0.90288	0.89057	0.73265	0.72137	0.70237	0.6345	0.50375	0.53975	0.38169	0.27955	0.20829	0.20296	0.03374	-0.10001	-0.26177	-0.13616	-0.08425	0.03231	0.28049	0.44071	0.71011
PFD0195c	0.79109	0.22654	-0.02407	-0.27724	-0.10099	-0.6384	-0.82268	-1.02546	-1.6082	-1.81261	-1.88206	-2.01888	-2.02703	-1.90979	-1.65593	-1.06057	0.17446	-0.04289	1.68568	1.24172	1.46046	0.86425	1.15441	1.39802
PFL1535w	-0.06727	0.30508	0.33009	0.71493	0.8355	0.75176	0.79042	0.94426	0.78942	0.89687	0.91612	0.81938	0.29416	0.14493	-0.01202	-0.085	-0.20591	-0.05146	-0.15309	-0.1498	-0.42019	-0.39506	-0.27429	-0.10093
PFL0360c	-0.34615	-0.35662	-1.08053	-0.45472	-0.39785	-0.55866	-0.48536	-0.5954	-0.35452	-0.15987	-0.07538	0.17373	0.32461	0.64753	0.35608	0.54451	0.36861	0.69053	-0.01133	0.3697	0.28068	0.27566	0.06256	-0.03925
PFF1100c	0.68616	0.88883	1.20823	0.87847	0.85941	0.60795	0.4756	0.27781	-0.33202	-0.2681	-0.62803	-0.81758	-0.75951	-0.83933	-1.08014	-1.22315	-0.91932	-1.11726	-0.37411	0.11761	0.40999	0.65442	0.82905	0.92411
MAL7P1.115	-0.1388	-0.16992	-0.20718	-0.18977	-0.10476	-0.25474	-0.23143	-0.34533	-0.49196	-0.47706	-0.19427	0.12325	0.35077	0.67898	0.80131	0.71518	0.54853	0.61201	0.20259	0.40332	0.13211	-0.08011	-0.09332	0.04564
PF13_0022	-0.13031	-0.68109	-0.28234	-0.43085	-0.34668	-0.27146	0.1937	0.19989	0.56752	0.62655	0.63191	0.79438	0.65036	0.63123	0.49385	0.53539	0.17674	0.43524	0.73831	0.33784	0.11359	0.04863	0.13965	0.27732
PF11_0378	0.58184	0.59875	0.76617	0.72315	0.7574	0.53316	0.47599	0.6625	0.51219	0.56368	0.38676	0.1951	-0.00282	-0.37404	-0.79853	-1.26198	-1.16105	-1.25218	-0.94957	-0.33565	0.05772	0.11217	0.44513	0.69743
PF10_0303	0.3578	0.81158	0.15409	0.14483	-0.18128	0.03661	-0.21393	0.52817	0.28399	-0.64472	-0.33403	-0.53096	-0.45873	-0.82587	0.01978	0.14771	-0.17115	0.34806	0.36295	-0.17284	0.35311	0.89395	0.54041	0.29435
PF11_0125	-0.17561	-0.08338	-0.06022	-0.22859	-0.42482	-0.62867	-0.32274	-0.42808	-0.00077	0.2919	0.4419	0.52158	0.46385	0.42573	0.22681	0.34108	0.27958	0.26534	0.77175	0.48807	0.38438	0.13952	0.18848	0.05134
PF14_0553	0.71876	0.77137	0.59344	0.78507	0.80112	0.62323	0.56523	0.65757	0.15114	0.13647	-0.09492	-0.35165	-0.4509	-0.66774	-0.68446	-0.83986	-0.82909	-1.01556	-0.02103	0.0929	0.33457	0.4982	0.71341	0.94777
PF14_0569	0.17248	0.14102	0.49706	0.46082	0.25075	0.23514	0.065	0.01959	0.05191	0.06559	0.14139	0.26334	0.35108	0.33209	0.49938	0.33004	0.04417	-0.08905	0.06266	-0.30437	-0.28433	-0.11049	-0.07387	0.06639
MAL8P1.26	-0.53685	-0.37981	-0.40401	-0.40187	-0.16689	0.04124	0.16455	0.3415	0.14832	0.1312	0.48125	0.48139	0.5281	0.32375	0.51147	0.54261	0.47408	0.07829	0.12352	-0.03371	-0.05155	-0.20788	-0.22331	-0.18792
PF11_0187	-0.30196	-0.12994	0.09051	0.18613	0.29364	0.50892	0.4418	0.28372	0.10494	-0.04526	0.17546	0.25798	0.22759	0.18412	0.44335	0.4179	-0.00629	0.11048	-0.08578	-0.32085	-0.38951	-0.33436	-0.18437	
PF14_0472	-0.07415	-0.1457	-0.30101	-0.20076	-0.33302	-0.80459	-0.75854	-0.47655	-1.0161	-1.37595	-1.45069	-1.68291	-1.70528	-1.67749	-0.53662	0.34561	0.88988	0.56572	1.41679	0.92285	0.95231	0.52205	0.48953	0.23635
PFF0735w	0.46079	0.78332	1.00898	1.11195	0.84636	1.03852	1.07858	0.51782	0.37611	0.05535	-0.09998	-0.06397	0.11691	0.09332	0.29733	0.3241	0.45889	0.57688	0.77922	0.45469	0.43854	0.57606	0.62943	0.68112
PF14_0403	-1.28415	-0.87786	0.2241	-0.53837	-0.24321	0.49714	0.71324	0.87291	1.14163	1.16825	1.19529	1.06997	1.11905	0.8256	0.52443	0.17851	-0.01543	-0.23004	-0.44172	-0.95567	-1.13664	-1.00849	-1.13521	-1.08202
PFE0345c	-0.76741	-0.51532	-2.34552	-0.42899	-0.41905	-0.36093	-0.43273	-0.17879	0.09183	0.21056	0.46552	0.58102	0.61527	0.30254	0.67936	0.49499	0.36984	0.18449	0.12978	-0.32958	-0.57393	-0.53148	-0.60378	-0.60372
PFE0970w	-0.05227	0.16982	-0.08433	0.10951	-0.12223	-0.0904	-0.18185	-0.07797	-0.2163	-0.03865	0.22658	0.42484	0.63409	0.6208	0.62268	0.59555	0.36315	0.3438	0.13736	-0.11137	-0.34578	-0.39783	-0.23284	-0.17691
PFF0965c	-0.34589	-0.3586	-0.21406	-0.29642	-0.26472	0.10074	0.11158	-0.06887	0.18783	0.17394	0.17754	0.39573	0.48885	0.56661	0.40898	0.22317	0.14805	-0.07163	-0.3569	-0.10006	-0.21545	-0.18887	-0.20512	-0.07678
PFE1090w	-0.20891	-0.05338	-0.12606	0.02441	-0.00193	-0.02073	-0.03177	0.04701	-0.0328	0.11993	0.18674	0.17705	0.30399	0.15191	0.35374	0.2821	0.30758	0.12737	0.27186	0.07937	0.05991	0.03731	-0.03997	-0.00651
PFL1940w	1.14377	1.22322	1.26815	1.35901	1.35327	1.2402	0.96793	0.83291	0.60361	0.17865	0.01264	-0.11623	-0.07863	-0.07224	-0.01681	-0.06553	-0.10027	0.1259	0.22266	0.32882	0.47448	0.54172	0.68663	0.75286
MAL13P1.94	0.62854	0.06882	-0.18266	-0.46246	-0.85955	-1.08628	-1.33426	-1.66761	-2.09064	-2.57405	-2.74753	-2.77531	-2.68325	-2.49858	-1.00548	0.2852	0.79357	0.72087	1.54815	1.11904	1.00746	0.70186	0.85611	0.31822
PFF0875w	-0.05114	-0.40812	-0.67498	-0.7438	-0.91023	-1.05725	-1.13396	-0.89498	-0.87682	-0.66929	-0.52281	-0.33385	-0.28382	-0.54095	-0.50733	-0.45519	-0.21635	0.13908	0.80966	0.75632	0.73053	0.38402	0.52037	0.2095
PF10_0131	1.13065	0.68778	0.38176	0.34723	0.24338	-0.21139	-0.3422	-0.54412	-0.7822	-0.5682	-0.35632	-0.2372	-0.26465	-0.19657	0.31425	-0.33612	-0.40211	0.15635	0.93899	0.96715	1.33488	1.26669	1.25849	1.3282
PF11_0203	0.00437	0.15388	0.37742	0.72441	0.84013	1.03026	1.02989	1.15564	1.25772	0.99181	0.98666	0.77979	0.82291	0.61838	0.3425	0.13064	0.04543	-0.22213	-0.44654	-0.73514	-0.78778	-0.79372	-0.79142	-0.54487
PF07_0043	-0.7561	0.11228	0.33183	0.26575	0.12324	0.44579	0.23318	0.30317	0.54864	0.49256	0.60961	0.58706	0.23624	0.14531	0.22694	-0.08028	-0.65802	-0.59046	-0.84692	-1.51334	-1.63983	-0.99242	-0.98312	-0.80846
PFC0140c	-0.10529	0.04849	0.26752	0.29109	0.35339	0.46423	0.46791	0.41802	0.36245	0.29315	0.28472	0.36783	0.51405	0.43977	0.48186	0.37909	0.46331	0.12937	0.37894	0.19786	0.08601	-0.1002	-0.05184	-0.0907
PF11_0231	1.50129	1.42939	1.40692	1.60496	1.50318	1.34562	1.01503	0.73058	0.66992	-0.45767	-0.8506	-0.93697	-1.0518	-1.15284	-0.85991	-0.53978	-0.15363	-0.29609	0.7236	0.4544	0.68516	0.9179	1.16495	1.21268
MAL13P1.238	1.43682	0.88393	0.82398	0.23899	0.0587	-0.47824	-0.71508	-0.76008	-0.69372	-0.40193	-0.05075	0.38097	0.43605	0.33115	0.20969	0.32606	0.26027	0.2857	0.48778	0.45109	0.32147	0.19153	0.41923	0.59849
PFL1305c	-0.70076	-0.8665	-1.05138	-0.88164	-0.82387	-0.97767	-1.13022	-0.78619	-0.90924	-0.60789	-0.41514	-0.09842	0.06638	0.15203	0.4782	0.54032	0.72238	0.52651	0.70059	0.47854	0.29026	-0.18057	-0.36597	-0.47362
PF14_0449	0.15971	0.38949	0.52836	0.65906	0.66019	0.68041	0.76349	0.72558	0.54818	0.46818	0.39506	0.22824	0.30423	-0.01006	0.24525	0.03027	-0.06962	-0.49164	-0.40839	-0.68243	-0.5885	-0.34775	-0.20256	0.29538
PFA0115w	-2.06359	-2.13715	-2.3316	-2.8732	-2.59982	-2.9477	-2.93177	-2.24933	-1.3107	-0.22106	0.66477	1.02647	1.23685	1.02551	0.96048	0.53523	0.054	-0.18082	-0.47519	-1.16962	-1.62431	-1.89185	-2.00037	-2.02243
PFC1035w	-0.6537	-0.76368	-0.49614	-0.78135	-0.80023	-0.85155	-0.67351	-0.5265	-0.2569	0.01422	0.4261	0.52354	0.6299	0.57373	0.61436	0.50289	0.20712	0.08446	-0.11698	-0.43327	-0.58733	-0.94007	-0.93572	-0.86163
PFL1285c	0.01526	-0.36674	-0.94653	-0.5863	-0.64315	-0.79051	-0.84567	-0.64045	-0.23291	0.09473	0.51722	0.71597	0.40041	0.39314	0.36782	0.53002	-0.11574	0.63339	0.62632	0.37191	0.00609	-0.17311	-0.25064	-0.4342
MAL8P1.154	0.65935	0.54982	0.69673	1.31512	1.46816	1.4807	1.41672	1.10445	1.08449	0.76813	0.23657	0.03	-0.01643	0.09843	-0.37751	-0.48923	-0.33161	-0.19477	-0.52464	0.27845	0.4001	0.71756	0.81041	0.84709
PF10_0308	0.52785	0.05478	-0.34641	-0.32485	-0.52086	-0.71054	-1.19446	-1.03284	-1.42189	-1.82968	-1.99335	-1.77601	-1.9767	-1.95879	-1.32515	-0.46103	0.26593	0.76918	1.37146	1.25425	1.2244	1.10651	1.15871	0.84675
MAL13P1.165	-0.68731	-1.18019	-1.68896	-0.50233	-0.42096	-0.54452	-0.58962	-0.40293	-0.45243	-0.32947	-0.16564	-0.11433	0.03529	0.18272	0.24577	0.35113	0.31551	0.24411	0.03693	-0.00833	-0.23548	-0.4216	-0.46013	-0.45185
PF11730w	-0.49648	-1.32688	-1.49774	-1.85365	-2.10128	-2.52355	-2.55008	-2.81318	-3.01379	-3.23487	-3.3528	-3.287	-2.65698	-1.19555	-0.01691	0.96815	1.21918	1.39375	1.17784	1.19183	0.75	0.26381	-0.08351	-0.84112
PF11_0445	0.05609	0.45308	0.51112	0.37483	0.51862	0.52929	0.71918	0.99221	0.97495	0.8561	0.66901	0.51202	0.21894	-0.18629	-0.52228	-0.60743	-1.11004	-0.68413	-0.95125	-0.83993	-0.59835	-0.37234	-0.20224	0.04484
PFL1150c	-1.01091	-0.97097	-0.93216	-1.07728	-0.88172	-0.73934	-0.24633	-0.24369	0.29656	0.4366	0.99369	1.21011	1.23361	0.85762	0.77169	0.51315	0.17847	-0.08272	-0.16301					

MAL13P1.253	-0.17865	0.36509	0.31186	0.43554	0.46033	0.44742	0.42557	0.41739	0.34035	0.34052	0.60799	0.57578	0.58824	0.29371	0.43771	0.23818	-0.33549	-0.30289	-0.24332	-0.87031	-0.69019	-0.47281	-0.56508	-0.17723
PF13 0271	0.26336	0.44041	-0.10276	0.37726	0.55567	0.80943	0.93826	0.93308	1.02827	0.92125	0.63154	0.27794	-0.03644	-0.45026	-0.59324	-0.60794	-0.08871	-0.42676	0.8825	0.55393	0.53279	0.5248	0.75445	0.65755
PF14 0041	0.25934	0.50252	0.56291	0.64038	0.57264	0.70942	0.54968	0.5796	0.33146	0.29829	0.21958	0.34216	0.32895	0.43465	0.47321	0.41614	0.40182	0.49465	0.27067	0.48999	0.37295	0.32366	0.37737	0.20817
PF14 0490	0.10935	0.64113	0.87501	0.90346	0.62532	0.91671	0.4673	0.09434	0.72949	0.51052	0.43288	0.51881	0.64226	0.31438	0.49264	0.33423	0.09794	-0.14141	-0.05875	-0.52125	-0.4073	-0.34439	-0.11049	0.16581
MAL7P1.207	-0.15992	-0.34854	-0.65903	-0.76238	-0.79416	-0.95236	-0.80846	-0.89952	-0.58925	-0.57788	-0.40144	-0.34956	-0.12972	0.2086	0.35029	0.50176	0.54299	0.70471	0.52401	0.74795	0.61805	0.2265	0.0296	-0.43317
PF0205w	-1.1127	-1.34191	-1.38454	-1.2423	-1.37095	-1.00492	-0.52424	0.01893	0.80903	0.79856	0.88868	0.88224	0.95505	0.65491	0.45673	0.3374	0.1721	0.16605	0.09862	-0.3851	-0.54921	-0.4255	-0.5988	-0.68438
PF14 0491	-0.30251	-0.54736	0.03192	-0.11587	-0.00084	0.02204	0.06475	-0.09353	-0.04041	0.34546	0.12951	0.08468	0.08096	0.00048	-0.22936	0.00147	-0.01399	0.2612	0.13507	0.23981	0.44437	0.29186	0.35772	0.31355
PF14 0520	-0.95849	-0.39053	-0.3303	-0.24136	-0.21425	-0.0221	-0.19292	-0.23849	-0.27322	-0.10961	0.16467	0.37821	0.72629	0.53673	0.86055	0.63913	-0.14219	0.06744	-0.37084	-0.95101	-1.22474	-1.11428	-1.23485	-1.14309
PF0945w	0.32779	-0.02594	-0.42202	-0.5309	-0.82062	-0.82873	-0.9586	-1.06348	-1.37455	-1.72485	-1.93247	-1.94439	-1.98779	-2.0592	-1.23554	-0.20998	0.36853	0.34362	1.54797	0.94071	0.89881	0.79341	0.91185	0.59138
PF13 0183	-0.29136	-0.46956	-0.03815	-0.40486	-0.52609	-0.27943	-0.24291	0.22136	0.64193	0.82619	1.08219	0.99159	1.08674	0.6873	0.55017	0.31418	-0.00604	-0.10712	-0.37991	-0.7322	-0.67812	-0.77277	-0.81674	-0.75677
PF14 0228	-0.48858	-0.14106	0.19456	0.1122	0.26018	0.34496	0.43181	0.42315	0.42744	0.4707	0.41509	0.41548	0.44177	0.45231	0.11637	-0.20901	-0.35353	-0.54602	-1.2827	-1.0653	-0.93434	-0.75104	-0.72522	-0.47556
PF10 0129	-0.07129	-0.30178	0.12009	-0.28795	-0.21469	-0.17351	-0.01985	0.12531	0.17296	0.26788	0.24976	0.1874	0.05404	-0.04909	-0.22214	0.02451	0.32191	0.15342	0.66874	0.6351	0.44826	0.53692	0.53332	0.39764
MAL13P1.395	0.63307	0.50255	0.71605	1.09693	1.07263	1.01339	0.83919	0.82835	0.5303	0.4281	0.15663	0.0049	-0.26251	-0.46844	-0.61212	-0.74105	-0.65505	-0.7013	1.1572	0.62643	0.70515	0.68914	1.05656	1.27017
PF11 0060	0.27124	-0.38359	-0.46645	-1.08744	-1.24897	-1.64396	-1.84689	-2.04013	-2.43002	-2.51049	-2.57449	-2.93529	-3.05543	-2.84327	-2.77473	-1.77295	-2.24189	-0.00992	0.85522	1.0165	1.00287	0.86033	0.91423	0.8015
PFE1110w	-0.67047	-0.22209	0.06959	-0.0375	-0.11166	-0.27871	-0.30369	-0.104	-0.40108	-0.20748	-0.00577	0.01672	-0.08441	-0.18697	0.01781	-0.0982	-0.24107	-0.35974	-0.24053	-0.59572	-0.54035	-0.7445	-0.65766	-0.42031
PF11 0111	0.02948	0.34898	0.38741	0.50378	0.31201	0.32312	0.17679	-0.02453	0.45272	0.40406	0.23582	0.36616	0.42106	0.34905	0.06085	-0.27877	-0.56774	-0.73741	-1.4769	-0.99859	-0.6332	-0.46051	-0.20588	-0.23668
PFD0144c	1.86868	2.10431	1.12981	1.55254	1.51198	0.74314	0.34647	0.39968	-0.34614	-0.77275	-0.56769	-0.85723	-1.04458	-1.28735	-1.36414	-1.47043	-1.47989	-1.14013	0.57811	1.2318	1.62311	1.09779	1.79049	1.99035
PF11 0398	1.36447	1.33254	1.10143	1.10737	1.11812	0.63709	0.52888	0.3532	-0.22575	-0.38679	-0.85562	-1.09531	-1.29141	-1.30048	-1.51955	-1.80943	-1.52631	-1.28236	-0.15413	0.56347	0.96592	1.05916	1.31048	1.25641
PF11 0268	1.11498	-0.02813	-0.63989	-0.47945	-0.65167	-1.12966	-1.64787	-1.98698	-2.6503	-3.26371	-3.22331	-3.4944	-3.64269	-3.54326	-3.38761	-3.00962	-1.77469	-1.04388	1.47404	1.2221	1.32271	1.10972	1.31777	1.66257
MAL7P1.320	-0.81013	-0.11781	-0.0851	0.21134	0.25957	0.2566	0.43033	0.60373	0.37385	0.2929	0.48681	0.6058	0.42565	0.19963	0.09208	-0.28616	-1.03114	-0.77827	-1.21494	-1.58302	-1.73224	-1.48995	-1.37434	-1.0011
PF07 0026	0.03184	-0.22812	-0.10655	-0.00394	-0.08	-0.0639	-0.11973	-0.11285	-0.06695	-0.15939	-0.16023	0.04541	-0.26057	-0.44483	-0.55211	-0.51275	-0.41421	-0.28473	0.40989	0.21215	0.30868	0.19737	0.39117	0.43102
MAL8P1.66	1.47822	0.86216	0.45852	0.36095	0.46784	-0.20495	-0.43059	-0.65696	-1.18163	-1.00384	-0.76317	-0.56536	-0.61306	-0.5797	-0.41407	-0.51847	-0.72216	-0.38702	1.41551	1.13063	1.34359	1.14486	1.43114	1.78816
PFA0260c	-0.75355	-0.94061	-1.01676	-1.61628	-1.5812	-1.96234	-2.23905	-2.30808	-2.83976	-2.94617	-2.63249	-2.47112	-1.86904	-1.50428	-0.11033	0.5421	0.92764	0.3722	1.15578	0.60287	0.66925	-0.12201	0.00638	-0.32511
PFD0245c	0.21376	0.60464	0.92426	0.93323	0.75971	0.85124	0.70884	0.81283	0.85293	0.71383	0.63892	0.51595	0.2782	-0.30291	-0.25743	-0.41835	-0.53815	-0.58749	-0.35189	-0.75955	-0.59395	-0.16505	0.03435	0.19358
PFE0665c	-0.27677	-0.44795	0.06202	-0.08049	0.3227	0.67758	0.81848	0.82636	0.87435	0.69747	1.00457	0.83914	0.79031	0.50977	0.39256	0.32618	-0.04964	0	-0.02395	-0.20717	-0.35891	-0.38644	-0.29315	0.00574
PFD0450c	0.34258	0.59549	0.42513	0.556	0.47838	0.31311	0.36879	0.59562	0.43468	0.54144	0.49638	0.36697	0.11492	0.02916	-0.00371	-0.18439	-0.4072	-0.52458	-0.12079	-0.15976	0.00958	0.0898	0.25908	0.52202
PF11 0339	-1.3816	-1.51379	-0.88404	-1.36847	-1.23155	-1.05713	-1.03342	-0.78015	-0.62836	-0.10629	0.3413	0.54769	0.61212	0.61101	0.975	0.9209	0.47155	0.30102	-0.19609	-0.79986	-0.75379	-1.1914	-1.5023	-1.70126
PF13 0117	0.08128	-0.01148	0.08573	0.04998	0.1358	-0.016	0.05328	0.27645	0.387	0.46669	0.35339	0.42605	0.40645	0.36022	0.47109	0.42695	0.26236	0.39957	0.4351	0.32285	0.1767	-0.07822	0.01615	0.06224
PF14 0036	-1.36685	-1.30602	-0.7524	-0.80403	-0.55326	0.12593	0.54877	0.9716	0.86411	0.87625	1.03441	0.90084	0.80441	0.41796	0.35451	0.03627	-0.3668	-0.56481	-0.4216	-0.91042	-0.9699	-1.0622	-1.02988	-0.74774
PF11130c	0.35625	0.41882	0.23666	0.80616	0.8691	1.10548	0.81388	0.75191	0.58003	0.26806	0.42279	0.43711	0.35608	0.41318	0.46201	0.52317	0.17395	0.438	0.78858	0.32523	0.21289	0.0108	0.07504	0
PF10 0232	-0.05794	-0.28214	-0.31837	-0.57628	-0.90767	-0.74871	-0.71942	-1.06735	-0.5835	-0.34634	-0.37705	-0.23793	0.00387	0.19283	-0.00179	-0.02726	0.29298	0.31021	-0.45986	0.24314	0.26931	0.20001	0.24226	-0.0575
PF10 0147	0.22056	-0.04299	-0.31378	-0.17537	-0.26413	-0.33088	-0.16874	-0.20619	-0.2873	-0.09222	0.05959	-0.03024	-0.38292	-0.16606	0.06646	0.38532	0.53308	0.63554	0.74119	0.66646	0.67126	0.44342	0.204	-0.10335
PFL0245w	0.58688	-0.14486	-0.1918	-0.72058	-0.59465	-1.14967	-1.15288	-1.56461	-1.8874	-2.20653	-2.32243	-2.5049	-2.60593	-2.79913	-2.28781	-2.28483	-1.19177	-0.68931	1.95226	1.04845	1.06753	0.98954	1.11769	1.47748
PFB0805c	0.03874	0.29	0.24648	0.23261	0.19118	-0.02303	-0.08899	0.05365	-0.4528	-0.5708	-0.36183	-0.67405	-0.83246	-1.11721	-0.48482	-0.13019	0.35424	-0.27966	0.88258	0.24158	0.11098	0.12752	0.28706	0.29495
PFL1755w	0.0123	-0.05306	-0.06938	-0.15451	-0.08048	-0.06345	-0.05971	0.02878	-0.04945	0.11581	0.17476	0.29388	0.16394	0.28292	0.56889	0.67892	0.58074	0.61059	1.11813	0.80552	0.63582	0.58563	0.61707	0.66929
MAL13P1.268	2.67165	2.38702	1.86968	1.96666	1.59888	1.20277	0.73999	0.34115	-0.17415	-0.41087	-0.45385	-0.43546	-0.60868	-0.71372	-0.67785	-0.83624	-0.65699	-0.78855	-0.51869	-0.1807	0.822	1.43029	1.51377	1.65903
PFL0330c	0.68284	1.07915	1.00292	1.19947	1.17355	1.20717	1.18771	1.23877	1.12443	0.97974	0.81221	0.67172	0.45785	-0.02235	-0.26877	-0.7108	-0.6736	-0.98874	-1.26773	-1.32521	-0.77541	-0.10686	0.04609	0.25547
PFI0915w	1.63595	1.19135	0.80187	0.6847	0.4046	-0.13513	-0.49994	-0.90199	-1.57906	-1.88949	-2.08187	-2.31451	-2.5471	-2.54534	-2.52048	-2.57034	-3.09926	-1.37774	0.68339	1.06368	1.31922	1.41075	1.50747	1.75975
PF14 0006	0.69689	0.38872	0.08491	0.23287	0.49058	0.32638	0.22191	0.18413	0.03889	-0.05527	-0.41623	-0.56423	-0.43491	-0.30307	-0.32105	0.04035	0.31341	0.54396	0.50597	0.80261	0.81459	0.72745	0.63112	0.50843
MAL13P1.72	-0.89592	-0.95717	-0.92318	-0.84723	-0.76634	-0.83386	-0.54461	-0.31626	0.18985	0.40874	0.60361	0.5838	0.75954	0.75839	0.6275	0.49184	0.35235	0.11095	-0.10562	-0.3416	-0.45071	-0.42117	-0.57826	-0.5698
MAL13P1.330	0.82063	0.42713	0.02839	0.20944	0.01732	-0.02573	-0.27355	-0.28738	-0.39821	-0.5031	-0.38952	-0.53502	-0.7566	-0.64104	-0.56268	-0.24994	-0.33449	0.39689	0.72007	0.68883	0.62			

PFL2155w	-0.21025	-0.07837	0.06197	0.28794	0.27242	0.30055	-0.0365	0.15742	0.09742	0.0066	0.33359	0.39215	0.31556	0.27447	0.02482	0.02312	-0.13728	-0.43762	-0.07176	-0.15284	-0.15977	0.00219	0.39772	0.50272
PF08_0004	-0.19617	0.26723	0.63343	0.3258	0.37514	0.45222	0.27814	0.38172	0.14275	0.15088	0.43765	0.35547	0.37974	0.19372	0.2742	0.16762	-0.96388	-0.41522	-0.68162	-1.41583	-1.13603	-0.89216	-0.78311	-0.72102
MAL13P1.178	0.39818	0.57286	0.52214	1.03111	1.01757	0.4902	0.61659	0.7195	0.40929	0.21969	0.00632	0.12115	0.04305	0.18221	0.23459	0.39147	0.17512	0.27989	0.54083	0.13189	-0.15398	-0.10443	-0.28762	0.04828
PF14_0621	0.79726	1.13601	1.32144	1.51485	1.77082	1.7133	1.42504	1.0694	0.55324	-0.11121	-0.14524	-0.66516	-1.24701	-1.80833	-1.62828	-1.72781	-1.34872	-1.31655	-0.35707	-0.5902	-0.37581	-0.10179	0.27803	0.72355
PFB0630c	0.69081	1.04496	0.89745	1.00446	1.01548	0.63354	0.68928	0.85455	0.93107	1.12423	0.98723	0.71579	0.61536	0.41402	-0.13491	-0.37622	-0.44186	-0.84607	-1.10772	-0.55791	-0.15558	0.12339	0.3367	0.60877
PFE0760w	-0.36356	-0.34106	-0.49762	-0.48073	-0.45354	-0.09749	0.20344	0.05946	-0.18365	-0.16303	0.14704	0.30137	0.46747	0.54585	0.68539	0.69298	0.65713	0.50105	0.32283	-0.00357	-0.13088	-0.049	-0.23651	-0.2461
PF14_0418	0.13024	0.55606	0.84636	0.42189	0.34834	0.5637	0.64622	0.64061	1.07757	0.68249	0.68504	0.77328	0.72617	0.50613	0.45665	0.39541	0.42838	0.28738	0.13415	0.0663	-0.08534	-0.0548	-0.231	-0.18986
PF14_0119	0.30676	0.04216	-0.90021	-0.41524	-0.92629	-1.15986	-1.4519	-1.50912	-2.09119	-2.31248	-2.44781	-2.53558	-2.69134	-2.20831	-1.19698	0.04162	0.72787	0.92456	1.77351	1.4207	1.22004	1.27782	1.10876	0.35937
PFD0720w	0.99407	0.25617	-0.13542	-0.73936	-0.86636	-1.30093	-1.70372	-1.80373	-2.24947	-2.71234	-2.93658	-3.10859	-3.32898	-3.49229	-2.84582	-2.38128	-1.26831	-0.03912	1.84031	0.85328	0.95732	1.09688	1.11338	1.26154
PF08_0045	-0.30637	-0.65179	-0.58377	-0.52215	-0.43814	-0.29001	-0.32095	-0.47044	-0.40021	-0.26255	0.08097	0.29374	0.53184	0.61087	0.74636	0.75513	0.50648	0.56728	0.41769	0.05223	-0.14777	-0.3511	-0.48737	-0.54785
PF10_0325	-0.86249	-0.32646	0.01931	-0.01593	-0.03146	0.35697	0.25968	0.47703	0.58694	0.93038	0.92828	0.96691	0.70075	0.41644	-0.05434	-0.382	-1.12345	-1.39964	-1.6017	-2.06188	-2.04211	-1.41771	-1.48117	-1.15224
PF14_0386	-0.84299	-0.95746	-0.71356	-0.7402	-0.42916	-0.10211	0.31064	0.47016	0.30931	0.32516	0.32833	0.40187	0.14181	0.32275	0.23489	0.28013	-0.00186	0.33528	-0.10343	-0.10911	-0.52492	-0.84604	-0.95087	-1.09995
PFF0120w	-0.71113	-0.40833	-0.0152	-0.07891	-0.04467	0.56316	0.81637	1.28957	1.3351	1.29795	1.33295	1.33871	0.74919	0.47858	0.23884	0.15672	-0.2363	-0.21268	-0.43525	-0.60446	-0.95942	-0.99274	-1.11008	-0.91041
PF08_0072	1.37685	1.75407	1.07215	1.95487	2.0796	1.48995	1.02518	0.83168	-0.3109	-0.5153	-0.20698	-0.53797	-0.6868	-1.15483	-0.90398	-1.27125	-0.55467	-0.99238	0.51696	0.56695	1.06784	0.78166	1.68314	1.12004
PFL0870w	1.22279	0.36191	-0.1125	-0.56854	-0.67304	-1.13606	-1.43219	-1.61847	-2.08023	-2.5172	-2.65179	-2.89081	-2.88779	-2.99629	-2.7591	-2.3488	-1.44151	-1.03317	1.07728	0.96692	1.17493	1.17798	1.14696	1.22424
MAL13P1.257	0.41903	0.81367	0.76882	0.69672	0.63034	0.50434	0.28567	0.42305	0.15901	0.23525	0.7196	0.83982	0.57145	0.2914	0.14082	0.0227	-0.27533	-0.31007	-0.38909	-0.67712	-0.93774	-0.47098	-0.24341	-0.092
PFE0845c	-1.12591	-0.36117	0.12121	0.19399	0.28257	0.64441	0.42397	0.81337	0.56573	0.70345	0.85319	0.59834	0.47417	0.39969	0.08393	-0.21068	-0.34905	-0.90599	-1.12094	-2.31613	-2.28499	-1.72288	-1.83363	-1.37859
PFF1495w	0.34677	0.46978	0.4661	0.10378	0.12647	-0.02566	0.02567	-0.20489	-0.62655	-0.66943	-0.80038	-0.80434	-0.8583	-0.38968	-0.0124	-0.28699	0.72568	0.91432	1.01366	0.98723	0.8945	0.52169	0.39329	0.24099
PFF1430c	0.67837	0.38924	0.33274	0.22852	0.10503	-0.00119	0.23119	0.38451	0.69846	0.77339	0.69372	0.53869	0.15241	-0.29249	-0.72874	-1.13784	-1.24503	-1.26387	-0.0621	0.10899	0.20059	0.38587	0.48974	0.72683
PF14_0269	-0.12587	0.39339	0.81612	0.86098	1.07361	1.3736	1.3864	1.29534	1.09838	0.91158	0.76983	0.61642	0.32268	-0.008	0.23454	0.14618	0.16148	-0.13055	0.38136	-0.33153	-0.50795	-0.29346	-0.08586	-0.09552
PFL2030w	-0.47241	-0.30557	0.23615	-0.05585	-0.0711	0.27631	0.46963	0.52128	0.5935	0.72462	0.7161	0.8835	0.52692	0.48474	0.21904	0.22961	0.20513	0.00168	-0.19971	-0.42446	-0.69228	-0.53734	-0.60467	-0.28187
MAL7P1.31	-0.7625	-0.48937	-0.17126	0.25245	0.51248	0.7352	0.85681	1.14295	1.06544	0.93673	1.26688	1.02067	0.70378	0.47746	0.31404	0.12017	-0.3059	-0.39815	-0.42712	-1.1023	-1.2304	-1.3425	-1.28898	-0.84587
PFA0125c	1.51338	0.45047	-0.13755	-0.72759	-0.91147	-1.353	-1.75902	-2.27014	-2.86399	-3.3072	-3.47749	-3.46815	-3.57373	-3.37074	-3.61963	-3.04923	-1.78768	-0.58498	0.81654	1.28834	1.40173	1.39798	1.4159	1.36
PFE1605w	-2.89625	-2.82423	-1.64794	-1.5798	-0.3914	1.00448	1.81192	1.61523	1.61516	1.38462	0.96273	0.80392	0.48398	0.00861	-0.46812	-0.95321	-1.30259	-1.62571	-2.26568	-2.61523	-3.03193	-2.98751	-3.15469	-2.81038
PF13_0165	0.27315	0.49498	0.46962	0.44076	0.27679	0.27956	0.41941	0.68099	1.04372	1.15149	1.03295	0.86258	0.6932	0.14904	-0.2042	-0.62993	-0.95119	-0.90789	-1.0548	-0.71614	-0.48583	-0.03937	0.06853	0.01902
PF10_0113	0.45612	0.66822	0.04852	1.24152	1.49194	1.22404	1.29755	1.84978	1.50645	1.20238	1.03961	0.97551	0.51389	0.26257	-0.10759	0.05119	-0.66774	0.25028	0.15274	0.10987	0.08967	0.23195	0.21253	0.20115
PF10_0049	1.14126	0.81221	0.27193	0.07191	-0.08617	-0.34426	-0.57071	-0.48802	-0.557	-0.49869	-0.58247	-0.48643	-0.70458	-0.53867	-0.39597	-0.04374	0.07186	1.04272	0.46429	1.09854	0.76453	0.71416	0.79065	0.25205
PF1215w	0.52453	0.67812	0.40079	0.55216	0.49286	0.44855	0.4614	0.43898	0.33073	0.22353	0.3371	0.25131	0.34639	0.10115	0.13372	-0.03699	-0.24592	-0.20944	-0.24134	-0.26468	-0.04643	0.12593	0.26842	0.46818
MAL13P1.303	-1.19303	-1.24562	-1.14795	-1.25837	-1.23333	-1.14097	-1.26669	-1.11286	-1.0228	-0.59935	0.06664	0.42841	0.69839	0.70106	0.98475	0.81701	0.37847	0.32359	0.31195	-0.18518	-0.43247	-0.69521	-0.66564	-0.84399
PFE0435c	0.20884	-0.25305	-0.51026	-0.42322	-0.58835	-0.49197	-0.30684	-0.14452	-0.11884	-0.19617	-0.01786	0.13962	0.36419	0.52912	0.82925	0.7476	0.42924	0.98488	0.95923	0.94101	0.72592	0.01411	0.05273	-0.54463
PFA0400c	-0.88079	-0.96815	-0.76565	-0.99638	-0.98834	-0.731	-0.65757	-0.51685	-0.36949	-0.23802	0.23707	0.33599	0.47551	0.35002	0.82513	0.75055	0.26522	0.48161	0.1638	-0.38044	-0.82349	-0.88058	-1.08253	-1.16207
PFF0740c	-0.65292	-0.65343	-0.56398	-0.63013	-0.65393	-0.53562	-0.53812	-0.54105	-0.36811	-0.17485	-0.09467	0.12983	0.39541	0.58858	0.66477	0.69428	0.7132	0.40064	0.29128	0.04245	-0.21399	-0.30389	-0.45597	-0.50258
MAL13P1.242	0.52934	0.7752	0.81511	0.23455	0.55792	0.36927	0.34495	0.52774	0.39234	0.22947	0.24885	0.06076	-0.07607	-0.24354	-0.07978	-0.18752	-0.28658	-0.17618	0.05518	0.08331	-0.10908	0.01329	0.30549	0.4528
PFL0485w	0.0791	-0.29361	-0.32807	-0.06868	0.09541	0.24036	0.0336	0.20597	0.37206	0.5606	0.74733	0.76697	0.58829	0.35992	0.08554	0.00486	-0.17792	0.18989	0.23945	0.10176	0.11024	-0.16882	-0.13269	-0.1332
PFD0565c	0.30414	0.25761	0.63517	0.89988	1.17602	1.37455	1.22822	1.23236	1.21331	1.29006	1.13533	1.11555	0.6792	0.4684	-0.09475	-0.41022	-0.57435	-0.26821	-1.11479	-0.74765	-0.91814	-0.69778	-0.53826	-0.09281
MAL7P1.159	-0.81905	-0.95438	-1.81179	-1.10473	-1.32983	-1.14964	-1.2031	-0.95308	-1.0823	0.564	0.77198	0.89314	0.87489	0.86349	0.68517	0.59973	0.41276	0.19285	0.21489	-0.21003	-0.58603	-0.72837	-0.66972	-0.86419
PFE1365w	0.91805	1.29381	0.9946	1.10822	1.28943	0.83479	0.7278	0.77987	0.65351	0.45226	0.20543	0.00848	-0.61859	-0.9669	-1.16679	-1.24866	-1.52374	-1.03618	-0.72263	-0.36513	-0.10734	0.1481	0.37657	0.64223
PF1705w	0.08882	0.2616	0.36097	0.50899	0.45909	0.28349	0.08779	0.04567	-0.26485	-0.29844	-0.10347	-0.05095	0.19779	0.30626	0.55456	0.38085	0.30065	-0.0424	0.40352	0.07209	0.14631	-0.1516	-0.09574	0.32224
PF08_0011	-0.9161	-0.79685	-0.41993	-0.60072	-0.26459	0.14968	0.41453	0.69002	0.8928	0.95945	0.93281	0.94641	0.76822	0.7024	0.55754	0.329	0.13984	0.0386	-0.14501	-0.29238	-0.49494	-0.44935	-0.65335	-0.69008
PFF0330w	-0.54156	-0.06855	0.04153	0.13275	0.04792	-0.07266	-0.10579	-0.12483	-0.61555	-0.35359	-0.30131	-0.22899	0.09132	0.13771	0.3584	0.41316	0.53931	0.04352	-0.10821	-0.41901	-0.43413	-0.3078	-0.48621	-0.3638
PFF1490w	0.99072	0.44602	0.23455	0.31709	0.39075	0.6691	0.65597	0.67528	0.33181	0.01329	-0.00074	-0.16508	-0.08404	-0.07233	-0.08859	-0.17191	-0.11793	-0.05361	0.92182	0.69592	1			

PF14 0701	0.02607	0.33083	0.24039	0.26897	0.33938	0.20395	0.3427	0.07371	0.17246	0.03692	0.17507	0.26117	0.39128	0.3804	0.28812	0.32824	0.07442	0.39972	0.40605	0.20487	0.08093	0.25682	0.09928	0.45619
PF1515w	0.0217	0.47905	0.67189	0.7477	0.86103	0.79889	0.55805	0.49864	0.20558	-0.02693	-0.10233	-0.05316	0.07392	0.16717	0.46556	0.36644	0.43167	0.3118	0.58804	0.0288	-0.37933	-0.50556	-0.41268	-0.14186
PF0271c	-1.64121	-0.63285	-0.01367	0.01931	-0.04619	0.34029	0.25795	0.42573	0.08108	0.52133	0.62545	0.84912	0.8365	0.57608	0.55082	0.23619	-0.27434	-0.49889	-0.65167	-1.28074	-1.56667	-1.25726	-1.25266	-1.19163
PF13 0063	-0.72146	-0.68679	-0.52598	-0.51198	-0.72344	-0.62136	-0.51977	-0.39865	-0.46889	-0.31168	-0.14358	0.0172	0.07278	0.09755	0.49841	0.62139	0.52888	0.34656	0.60931	0.12235	-0.08285	-0.26676	-0.34954	-0.49255
PF11 0225	0.40115	0.51337	0.6392	0.76878	0.81017	0.97201	0.95055	0.93565	0.94687	0.80473	0.74634	0.61318	0.60119	0.25419	-0.04026	-0.30387	-0.7891	-0.69544	-0.77964	-0.71997	-0.35802	-0.16972	0.04307	0.20464
FFF1035w	0.85217	0.72047	0.42311	0.7465	0.75216	0.55074	0.17518	0.01947	-0.41189	-0.27017	-0.18631	-0.32311	-0.3277	-0.35201	-0.45606	-0.27657	-0.1451	0.04443	1.24007	0.92956	0.99036	0.90264	1.33038	1.26155
PF13 0170	-0.4485	0.17664	0.64943	0.74687	0.66722	0.87744	0.6776	0.56442	0.4833	0.37127	0.46968	0.42454	0.4259	0.2404	0.22387	-0.00192	-0.56506	-0.40844	-0.6969	-1.03918	-0.98373	-0.90349	-0.79485	-0.55178
PF13 0177	1.10307	1.33265	1.16081	1.41087	1.24356	1.15281	1.03396	1.15938	0.9007	0.47701	0.46452	0.16349	-0.29684	-0.66042	-0.743	-0.99286	-0.98864	-1.2482	-0.72563	-0.62012	-0.09187	0.32357	0.51429	0.87786
PF14 0609	-0.48466	-0.15994	-0.45766	-0.21712	-0.07242	0.17432	0.34116	0.88189	1.10084	1.16463	1.0598	0.99651	0.81371	0.41131	0.41468	0.26865	0.15867	0.0895	-0.21699	-0.1489	-0.41064	-0.43515	-0.34876	-0.21183
FFA0290w	-0.10995	-0.36975	-0.65013	-0.59053	-0.67011	-0.84436	-0.86245	-0.70011	-0.63116	-0.22633	0.05747	0.17372	0.05239	0.02494	0.05633	0.19352	0.17917	0.44104	0.41898	0.54218	0.08852	0.05108	0.15113	0.12431
PF11 0363	0.29252	0.25916	0.21075	1.00675	1.14584	1.13843	0.95159	1.04744	0.8791	0.66546	0.5807	0.56895	0.33926	0.30319	0.29554	0.39462	0.26029	0.27999	0.63101	0.38894	0.11873	-0.07523	0.05064	0.05489
PFI0580c	0.23583	0.16858	0.27269	0.32204	0.45913	0.27175	0.11554	-0.03893	-0.05746	-0.08473	-0.29116	-0.28262	-0.3193	-0.34943	-0.42481	-0.40093	-0.5229	-0.42213	-0.41902	0.0159	0.10855	-0.08397	0.21418	0.5985
MAL7P1.177	-0.5247	-0.20929	-0.24522	-0.18012	-0.24722	-0.19431	0.07494	0.77948	0.75739	0.37338	0.41977	0.25816	0.68697	0.5831	0.64903	0.55733	0.63385	0.12535	0.08028	-0.26886	-0.7461	-1.09812	-1.24912	
PF11 0180	0.3432	0.08462	-0.85633	0.20248	0.14468	-0.34097	-0.60635	-0.83766	-1.2605	-1.24812	-1.37583	-1.43137	-1.54355	-1.31925	-0.55627	0.20718	0.67171	0.4785	1.42311	1.05927	1.21642	0.74206	0.86247	0.78732
PF07 0065	-1.69512	-1.80082	-2.11937	-2.96213	-2.41153	-3.04578	-2.61042	-3.18731	-1.69237	-0.62011	-0.14398	0.25512	0.74307	0.92451	0.97841	0.80712	0.55895	0.29988	-0.09101	-0.30687	-0.79701	-1.0897	-1.49904	-1.51466
MAL13P1.171	-0.25148	-0.12563	0.39019	0.48062	0.60157	0.76468	0.67681	0.6931	0.43776	0.18012	0.34208	0.37806	0.26412	0.13376	0.22189	0.24853	-0.15861	-0.14309	-0.14735	-0.42158	-0.5332	-0.72363	-0.59304	-0.5099
PF14 0287	0.67303	0.77828	0.83312	0.99016	0.85532	0.87696	0.71841	0.59311	0.26725	-0.16224	0.06109	-0.52573	-0.79173	-0.80128	-0.63003	-0.51053	-0.27987	-0.22347	0.51774	0.4596	0.7317	0.88076	1.13735	1.21831
PF14 0429	0.24613	0.49308	0.75287	0.80183	0.84131	1.24916	1.23544	1.27033	1.06108	0.91076	0.85848	0.55619	0.31875	-0.11778	-0.34801	-0.65791	-0.62666	-0.92456	-1.24992	-1.10597	-0.68333	-0.37502	-0.04872	0.21629
PF07 0034	-0.07012	0.59549	0.45654	0.62859	0.91414	0.4048	0.13629	0.40456	-0.06502	-0.30526	0.01839	0.14304	0.13784	0.05758	0.21354	0.26121	-0.03975	0.09718	0.05793	-0.19714	-0.32289	-0.26281	-0.1231	-0.04084
PF10_API0001:t																								
RNA	-1.16436	-0.68867	-2.67832	-2.17617	-2.7387	-2.65548	-3.34973	-2.62165	-2.45698	-2.69064	-1.78841	-1.5452	-1.08494	-0.89651	0.50409	0.24724	0.31036	1.22531	1.14128	0.00429	0.40372	0.41181	-0.41419	-0.96362
PFE1255w	-0.02627	-0.28229	-0.61222	-0.77824	-0.76527	-1.07185	-1.10116	-1.10398	-1.09422	-0.89909	-0.67026	-0.51033	-0.06889	0.24956	0.38188	0.28691	0.44898	0.4131	-0.11023	0.39079	0.36996	0.08765	0.00803	0.0865
PFD0125c	-1.44388	-1.63666	-1.32991	-1.55883	-1.07931	-1.23609	-0.42797	1.73671	2.37639	2.21442	2.10678	1.57173	1.18971	0.61297	0.16222	-0.31981	-1.22465	-1.32095	-1.21944	-1.41285	-1.38828	-1.4502	-1.49315	-1.50264
FFF0650w	-0.46288	-0.77396	-1.10076	-1.10269	-1.24797	-1.37641	-1.59222	-1.37796	-1.3372	-1.04044	-0.5258	-0.45919	0.00522	0.00857	0.39255	0.66151	0.19644	0.66217	0.88086	0.51152	0.30751	-0.23168	-0.21711	-0.26387
PFI1765c	0.47456	0.99772	1.03276	1.53302	1.68307	1.62626	1.76373	1.58753	1.12323	0.73402	0.52081	0.43073	0.27097	0.17865	-0.25574	-0.35754	-0.39379	-0.30277	-0.58384	-0.19059	-0.22497	0.28594	0.35397	1.02156
PF11 0044	-0.8916	-1.08474	-1.08918	-1.09069	-1.03943	-0.99593	-0.75152	-0.65358	0.05533	0.19869	0.25133	0.54091	0.87068	1.00481	0.64475	0.52916	0.30934	0.43965	-0.31566	-0.1956	-0.47503	-0.62577	-0.79491	-0.83685
PFB0150c	0.94759	0.29071	0.03324	-0.17588	-0.4338	-0.64499	-0.84249	-1.10083	-1.22657	-1.4246	-1.6033	-1.65292	-1.73085	-1.83377	-1.80889	-1.5476	-0.25994	0.2256	0.96055	1.20022	1.27245	1.32882	1.35925	1.23329
PF03071w	0.40128	0.08009	-0.23721	0.08974	0.43633	-0.14709	-0.61631	-0.43853	-0.7339	-0.74962	-0.32698	-0.4453	-0.32921	-0.42137	-0.33781	-0.22727	-0.23567	-0.03839	0.8481	0.59992	0.62172	0.35312	0.71407	0.94878
PF13 0210	0.30354	0.37817	0.6447	0.66288	0.69765	0.68401	0.52186	0.11957	0.13806	0.19175	-0.12504	-0.11248	0.03556	0.31704	-0.05037	-0.09995	0.30927	0.07792	-0.64768	0.09276	0.22767	0.51455	0.60885	0.61562
PF13 0032	-1.28161	-1.3821	-1.35485	-1.77438	-1.69206	-1.91192	-1.87613	-1.97488	-1.57034	-0.9767	-0.62102	-0.00986	0.53007	0.92895	0.98692	0.88887	0.54342	0.45357	0.40508	0.02232	-0.48721	-0.73427	-1.10281	-1.32729
PFD0250c	0.14757	0.08591	-0.38645	0.02176	-0.10619	-0.04097	-0.13313	-0.29886	-0.24304	-0.32576	-0.10021	-0.14614	0.0561	0.10746	0.27508	0.41672	0.36949	0.3907	0.4635	0.37621	0.10963	0.105	0.06505	-0.21642
PFI0235w	-1.17687	-1.35571	-1.29102	-1.44505	-1.4253	-1.31105	-1.30109	-0.82158	-0.37932	0.00575	0.47777	0.63291	0.87974	0.65078	0.96948	0.87296	0.24385	0.49412	0.18672	-0.18514	-0.47268	-0.70993	-0.8738	-1.13581
PF13 0316	-0.96563	-0.02481	0.26513	0.20955	0.16812	0.13817	0.16076	0.52965	0.43131	0.50694	0.34575	0.47997	0.29354	0.099	0.13123	-0.21163	-0.32221	-0.88784	-1.57838	-1.90681	-1.82331	-1.53014	-1.37276	-1.09401
PFB0250w	-0.12782	-0.43312	-0.40657	-0.27428	-0.3702	-0.43616	-0.22453	0.02122	0.23069	0.26744	0.5464	0.69587	0.64464	0.67497	0.8521	0.84593	0.63253	0.41619	0.56135	0.13419	0.08917	-0.14939	-0.29666	-0.43279
PF14 0598	-1.30851	-0.7537	-0.5237	-0.38922	-0.05897	0.04059	0.05865	-0.20757	0.2284	0.5054	0.96212	1.26345	1.12319	0.62065	-0.11406	-0.22698	-0.58205	-0.70499	-1.37454	-1.53282	-1.26921	-1.43269	-1.26123	
PF13 0318	0.36239	0.56321	0.423	0.72109	0.67429	0.74527	0.53803	0.66128	0.47035	0.43089	0.48095	0.42118	0.40903	0.24044	0.38483	0.20581	-0.09265	-0.08632	0.35886	-0.05842	-0.05006	-0.17876	0.01736	0.18381
PF11 0219	-0.87263	-0.74343	-1.56954	-1.09314	-1.03197	-0.94045	-0.98046	-0.79918	-0.33635	0.2965	0.55463	0.7473	0.82263	0.58027	0.54524	0.2894	0.26563	0.26637	0.08661	-0.14372	-0.20751	-0.52603	-0.75186	-0.65972
PFI1300c	0.03309	0.02219	-0.23466	-0.06843	-0.14048	-0.27094	-0.22273	-0.41678	-0.55891	-0.73046	-0.94381	-0.83648	-0.59461	0.11164	0.17481	0.56152	0.76871	0.72293	0.06197	0.60162	0.56948	0.47383	0.31113	0.16269
PF14 0021	0.1918	0.43794	0.56357	0.26688	0.06169	0.04949	-0.07289	-0.13502	-0.48676	-0.66343	-0.77634	-0.94032	-0.96991	-1.14823	-0.99056	-0.78982	-0.22377	-0.10945	0.62522	0.46232	0.609	0.46726	0.61433	0.75844
PFC1055w	0.1286	0.65571	0.74249	1.05104	1.08714	0.97821	0.94524	1.07991	0.99212	0.86917	0.99145	0.90799	0.81133	0.77996	0.55302	0.45788	0.01335	0.17675	-0.08736	-0.17247	-0.25065	-0.24688	-0.35987	-0.0041
PFL0095c	-0.07125	-0.24929	0.22052	0.13603	-0.31159	0.11557	0.023	0.10889	0.2423	-0.17265	0.187	0.17457	0.43144	0.05579	0.38829	0.39129	0.18264	0.21377	0.66718	0.18668	0.09798	0.12363	0.0753	-0.08002
PFB0390w	-1.28023	-1.25265	-1.32487	-1.65949	-1.59872	-1.59704	-1.30432	-1.01838	-0.32258	-0.01485	0.23582</													

MAL13P1.312	-0.29303	0.23752	0.1894	0.58067	0.66337	0.58097	0.38414	0.40915	0.03572	-0.26623	0.03448	-0.37092	-0.39942	-0.43245	-0.3628	-0.36908	-0.03195	-0.01286	0.54505	0.628	0.98602	0.8088	1.14526	1.43806
PF14_0054	0.65473	0.01035	-0.21726	-0.53713	-0.63695	-0.72682	-0.78404	-0.77542	-0.83603	-0.91953	-1.13803	-1.25691	-1.68141	-1.63533	-1.26405	-0.36653	-0.16067	0.95935	0.81543	0.8962	0.8514	0.86435	0.77968	
PF14_0735	-0.26982	-0.0861	0.12979	0.06868	0.08787	0.00478	-0.13336	-0.15438	-0.18791	-0.45531	-0.32236	-0.4016	-0.19037	-0.47946	-0.30371	-0.29897	-0.30149	-0.00924	-0.00964	-0.0147	0.19264	1.04748	0.73143	0.63495
PFD0295c	-0.11887	-0.72364	-0.72112	-1.47023	-1.83417	-2.28316	-2.57948	-2.99806	-3.39452	-3.75679	-3.94164	-4.10337	-3.73763	-3.3258	-1.76961	-0.27739	0.76358	0.82454	0.85194	1.15819	1.0275	0.64308	0.49388	-0.02232
PFL2375c	-0.42329	-0.78937	-1.05146	-1.05561	-1.14736	-1.14032	-1.23324	-1.05642	-0.54387	-0.28213	-0.15441	0.26259	0.42724	0.63344	0.52408	0.69965	0.40684	0.75233	0.52443	0.3638	-0.05148	-0.19838	-0.3943	-0.78067
PFE1025c	-1.02029	-1.04019	-0.78889	-1.08785	-1.30696	-0.95048	-0.57996	-0.55173	-0.20517	-0.02172	0.35122	0.26954	0.63612	0.46313	0.6855	0.59779	0.45433	0.11623	0.34209	-0.20354	-0.55487	-0.84438	-0.99949	-1.07887
PF0090w	-0.23373	-0.0842	-0.21284	0.02083	0.07628	0.5497	1.47355	1.07031	-0.19975	0.77688	0.34073	0.04059	-0.05649	0.00431	-0.0657	-0.15167	-0.24575	-0.82734	-0.89705	-1.06712	-0.90731	0.24541	-0.21503	-0.37983
PFD0285c	-0.29153	-0.21587	-0.06636	-0.08025	0.16472	0.34123	0.65615	0.80245	0.80974	0.9164	0.77449	0.5897	0.52872	0.36907	0.18987	0.09957	0.19222	0.12279	-0.0463	0.15905	0.32842	0.24733	0.45368	0.40825
PF07_0047	-0.66329	-0.59754	-0.60371	-0.42035	-0.28961	-0.32444	-0.20232	-0.04121	0.45345	0.73055	0.77717	0.80571	0.84171	0.75622	0.38476	0.02842	-0.31865	-0.31437	-0.44244	-0.68705	-0.56251	-0.67235	-0.34606	-0.40786
PFL1080c	0.46355	0.79027	0.4826	0.80837	0.68667	0.91249	0.82327	0.76685	0.48635	0.09186	-0.21733	-0.49346	-0.27567	-0.32436	0.06523	0.20138	0.12437	-0.05233	0.51131	0.14017	0.10719	0.15572	0.04118	0.34469
PF10_0360	-0.42808	-0.7469	-1.11357	-1.02052	-0.88112	-1.11566	-1.33828	-1.25391	-1.22436	-0.89849	-0.75851	-0.56972	0.1161	0.57686	0.5676	0.77625	0.4395	0.73043	0.53745	0.45744	0.08793	-0.132	-0.61458	-0.62354
MAL13P1.118	-0.06722	-0.58765	-0.70326	-1.18879	-1.19414	-1.28492	-1.29551	-1.59248	-1.78249	-1.98155	-1.81894	-1.81802	-1.24066	-0.71418	0.12126	0.79739	0.97129	0.77841	1.01984	0.65493	0.49652	0.38913	0.14586	-0.2995
PFD1035w	-0.89278	-0.66952	-0.63561	-0.15016	0.28491	0.3989	0.6804	0.72997	0.81758	0.86294	0.95396	0.60122	0.63064	0.38556	0.21889	0.13485	-0.08608	-0.03782	-0.00532	-0.01082	0.08807	-0.0334	-0.04287	-0.05996
PF08_0021	-0.48574	-0.60236	-0.50989	-0.6235	-0.8672	-0.68843	-0.70434	-0.52555	-0.88797	-0.49057	-0.19632	-0.10045	-0.34329	0.38734	0.74159	0.77051	0.44968	0.53174	0.43363	0.11475	-0.15521	-0.31091	-0.29166	-0.33119
MAL8P1.203	-0.71316	-0.96989	-1.01276	-1.30838	-1.47042	-1.57879	-1.74115	-1.94994	-1.85434	-1.54861	-1.29611	-1.09516	-0.53777	0.09017	0.65994	0.92964	0.91776	0.96136	0.67988	0.69297	0.47899	0.03254	-0.25032	-0.78411
PF10_0347	0.28458	0.10805	-0.89814	-0.41767	-0.88797	-1.13006	-1.31276	-1.37	-1.69776	-1.75371	-1.99858	-2.00132	-1.55312	-1.04766	-0.17144	0.63914	0.98633	0.87839	1.60195	1.22501	1.14477	0.93874	0.56807	0.03986
PFC0262c	-0.35784	-0.66716	-0.65091	-1.05851	-1.12938	-1.34828	-1.49169	-1.43507	-1.46404	-0.95647	-0.19554	-0.02341	0.07806	0.36241	0.42592	0.4324	0.49844	0.74117	0.47151	0.11062	-0.07282	-0.01466	-0.16649	
PF14_0090	-0.68353	-0.80843	-0.40406	-0.75521	-0.60098	-0.76674	-0.6327	-0.78146	-1.07233	-1.26872	-1.07944	-0.94981	-0.70423	-0.28232	0.54366	0.57167	0.55934	1.07248	0.46678	0.41716	-0.0694	-0.14776	-0.22554	
PF11_0259	-0.06296	0.18462	0.13278	0.49906	0.45447	0.52231	0.64134	0.71887	0.73735	0.61774	0.64373	0.4245	0.28542	-0.57763	-0.15554	-0.43634	-0.71595	-0.70565	-0.53443	-0.79682	-0.70807	-0.35147	-0.16711	0.20798
PF14_0481	0.3669	0.65204	0.71402	1.04989	1.22936	1.4268	1.228	1.388	1.11024	1.0341	1.01578	0.77185	0.44248	0.13816	0.11157	-0.16369	-0.40954	-0.56011	-0.31105	-0.58674	-0.51271	-0.44128	-0.28305	0.21507
PFL0170w	-0.75403	-0.93581	-1.02881	-1.32655	-1.23965	-1.52458	-1.35907	-1.14868	-0.80497	-0.4633	-0.32189	-0.14538	0.11879	0.297	0.28654	0.31187	0.60005	0.54691	0.20385	0.31008	0.07072	-0.10729	-0.2597	-0.62806
PF1475w	0.21479	-0.74988	-1.43279	-1.98295	-2.53566	-3.0056	-3.44197	-4.38291	-4.82338	-5.39714	-5.53951	-4.88017	-3.30053	-1.65245	-0.92247	-0.37278	0.1681	0.23036	0.65343	1.71896	1.09419	0.52718	1.14367	0.48378
MAL8P1.127	-0.08074	0.05485	0.32593	0.3544	0.28846	0.50431	0.50741	0.38607	0.71378	0.59491	0.4726	0.61407	0.60451	0.56598	0.19764	-0.01476	-0.11415	-0.18579	-0.66121	-0.50371	-0.37606	-0.26148	-0.18695	-0.19863
PF11_0345	0.48494	0.00015	-0.27203	-0.3876	-0.51646	-0.42079	0.01921	-0.06518	0.27876	0.40444	0.4801	0.70422	0.63302	0.49147	0.35945	0.33926	0.10491	0.05841	0.56114	0.16724	0.38142	-0.05148	0.22019	0.35355
PFL0615w	0.41986	0.47101	0.2977	0.28238	0.42106	0.38788	0.31099	0.48095	0.9298	0.4639	0.74532	0.55499	0.45834	0.24343	0.45565	0.45704	0.32908	0.36831	0.27529	0.09387	0.11138	0.29335	0.20433	-0.01012
MAL8P1.95	-0.01471	0.28182	0.14086	0.44448	0.80038	0.49181	1.03203	1.73808	1.72375	1.82893	1.49283	1.31802	0.62968	0.01658	-0.59796	-1.03397	-1.51796	-1.37796	-1.11611	-0.95214	-0.42241	-0.14015	-0.08692	0.4975
PFI0800c	0.38844	0.03742	-0.262	-0.49724	-0.77301	-0.72438	-1.02222	-0.91309	-1.22018	-1.24597	-1.00183	-1.11929	-0.70686	-0.24144	0.40091	0.89702	0.35485	0.89191	1.32444	0.69701	0.62099	0.17039	-0.09112	-0.33369
PFI0510c	0.37923	0.18598	-0.69805	0.23375	0.30836	0.45394	0.08057	0.03029	-0.09356	-0.16251	-0.30617	-0.30165	-0.29068	-0.18706	-0.20517	0.14878	0.11843	0.48652	0.49132	0.401	0.40949	-0.47195	0.50062	
PF11_0468	-0.23343	-0.31971	-0.87507	-0.17772	-0.2626	-0.32755	-0.30418	-0.46542	-0.77465	-0.6498	-0.44406	-0.206	0.12898	0.32139	0.73265	0.86229	0.83526	0.66602	0.62603	0.53536	0.29046	0.07216	-0.09888	-0.20652
MAL7P1.67	-0.06715	-0.22692	-0.06987	0.17323	0.51671	0.67953	0.45849	0.60672	0.39155	0.1809	0.30677	0.16118	0.18697	0.27496	0.46733	0.53179	0.9507	0.21421	0.40601	0.27109	0.17884	-0.33751	-0.31159	-0.31083
MAL4_trNA_Ser1	0.73093	0.97811	-0.24863	0.11191	0.54418	0.41605	0.37727	1.29285	0.93184	0.46544	1.30809	1.10198	-0.32545	-1.1067	-0.89275	-0.79626	-1.45422	0.29993	0.48961	0.49639	0.15716	0.48986	0.36761	0.29312
PFF0505c	-0.16846	0.0764	0.40011	0.28323	0.22431	0.28675	0.31023	0.1861	0.38894	0.62229	0.64007	0.56495	0.50067	0.60457	0.19428	-0.16802	-0.34273	-0.19855	-1.2647	-0.92782	-0.85028	-0.60921	-0.46726	-0.35521
PF14_0335	-0.38494	-0.08242	0.27978	0.25324	0.38194	0.45629	0.23775	0.56086	0.28525	0.34302	0.58595	0.57763	0.5733	0.2826	0.37127	0.19374	-0.10988	-0.17551	-0.14956	-0.78315	-1.05738	-0.71573	-0.4849	-0.42122
PFE1430c	0.80895	0.84321	-0.33059	1.29127	1.13346	1.36547	0.99139	1.092	1.03468	0.57765	0.62861	0.61202	0.41971	0.34356	0.34967	0.26968	-0.17445	-0.09842	0.29459	-0.27497	-0.25476	0.11238	0.29715	0.45853
PFC0675c	-0.33325	-0.34055	-0.43282	-0.13072	-0.3482	-0.18675	-0.31845	-0.26806	-0.1482	-0.06694	0.17185	0.43278	0.33959	0.34853	0.31249	0.25419	0.31323	0.0151	0.18467	-0.02905	-0.12291	0.03746	-0.08122	
PF14_0270	-1.02347	-0.88993	-0.96643	-0.8493	-0.81468	-0.58808	-0.55534	-0.74442	-0.67167	-0.42969	-0.25862	-0.00133	0.33392	0.65448	0.87653	0.78084	0.64035	0.62074	0.1808	0.06322	-0.28557	-0.61599	-0.90486	-1.00188
PF13_0118	-0.98522	-0.85911	-0.75159	-0.74486	-0.46804	-0.32934	-0.15321	0.13728	0.51383	0.70034	0.9455	1.08193	0.99457	0.80952	0.70759	0.54186	0.05302	0.09792	-0.2416	-0.58201	-0.76789	-0.88738	-0.97963	-0.93758
MAL8P1.142	-1.07747	-1.0457	-0.57471	-0.83083	-0.72003	-0.42977	-0.46299	-0.39361	-0.26722	-0.15039	0.04666	0.09414	0.16814	0.27017	0.48548	0.62965	0.15418	0.16231	-0.31898	-0.52613	-0.92706	-1.03592	-1.10589	
PF13_0133	-0.66346	-0.22912	-0.10104	0.01799	0.32775	0.32909	0.35733	0.35821	0.07287	0.0172	0.09212	0.22084	0.1991	0.32325	0.54665	0.4421	0.17989	0.09542	-0.20695	-0.40882	-0.75347	-0.80906	-0.91977	-0.70485
PF08_0063	-0.72696	-0.70946	-0.65292	-0.6649	-0.32867	-0.18333	-0.00124	0.15943	0.43374	0.70599	0.83419	0.83415	0.88449	0.72793	0.33238	0.08831	-0.08253	-0.53304	-0.35966	-0.58036	-0.53058	-0.43376	-0.47289	-0.27264
PFL2425w	-0.8547	-0.82666	-0.47576	-0.77608	-0.81073	-0.34663	-0.14241	0.29607	0.27804	0.24845	0.65282	0.4954	0.67292	0.54629	0.84119	0.62139	-0.0482	0.27798	0.37802	-0.21533	-0.38845	-0.49604	-0.46425	-0.46981

PF14 0030	0.34408	0.52256	0.68185	0.75322	0.7814	0.22808	0.91517	0.65236	0.42697	0.53554	0.39291	0.35106	0.39766	0.29621	-0.06683	-0.30565	-0.05399	-0.07719	-0.11978	0.11724	0.30476	0.46886	0.65148	0.52712
PFE0580w	0.13401	0.07668	0.37237	-0.01495	0.09995	0.01289	-0.1352	0.02494	-0.16786	-0.16182	0.20457	0.0395	0.0173	-0.41658	0.01036	0.17482	0.29542	-0.04102	0.46232	0.21376	0.2094	0.10273	0.01571	-0.21107
PFC0250c	-0.80433	-0.96469	-1.08161	-1.57168	-1.71682	-1.8743	-2.03698	-2.04497	-1.7461	-1.29533	-0.75505	-0.12151	0.20302	0.36785	0.83019	0.99543	0.66074	0.68151	0.76578	0.3772	0.0526	-0.20833	-0.40491	-0.91714
PF13 0270	0.95801	1.04856	1.11262	1.06433	1.37542	1.27624	0.87796	0.79945	0.54159	0.24291	0.07845	-0.03375	-0.57438	-0.85726	-1.15388	-1.31749	-1.57041	-1.31698	-0.21102	0.21007	0.45513	0.06336	0.61494	0.75462
PF10 0134	-0.16746	-0.00952	-0.03226	0.23247	0.29489	0.53827	0.44747	0.72148	0.42575	0.40019	0.69496	0.53176	0.64213	0.45196	0.59825	0.44929	-0.00789	0.21012	0.43354	-0.05404	-0.2061	-0.33425	-0.36585	-0.08982
MAL5 ITS1	-0.3365	-0.23605	0.62411	0.39451	0.87959	0.73312	0.90687	1.49706	1.45776	0.3422	1.00022	1.70746	-0.13181	-0.19391	-0.02697	-0.01849	-1.44622	-0.64742	0.87412	0.21701	-0.71488	-0.4322	-0.037	0.51373
PF07 0123	0.65685	0.76133	0.8102	0.74808	0.79456	0.73876	0.59092	0.80305	0.67894	0.64796	0.60579	0.40358	0.35105	0.0114	-0.06333	-0.32156	-0.62351	-0.4883	0.37314	0.03972	0.21112	0.23927	0.44631	0.80672
PF11 0524	-0.13675	-0.12674	-0.06375	-0.07353	-0.08538	0.05393	0.01513	0.2028	0.1395	-0.01333	0.29493	0.43147	0.45071	0.25708	0.33679	0.35556	-0.2053	0.14249	0.40168	-0.16804	-0.25144	-0.22658	-0.25492	-0.27067
PFB0953w	-1.24837	-1.08011	-0.77104	-0.24393	0.0698	0.31326	1.03413	1.93211	1.90937	1.85523	1.87093	1.63686	0.97079	0.2081	0.06671	-0.24576	-0.52948	-0.9075	-1.05497	-1.56887	-2.07389	-2.23573	-2.12419	-1.82754
PFF0835w	-1.11535	-0.3815	-0.12898	-0.147	-0.05064	-0.09605	-0.05363	-0.06647	-0.09853	-0.0493	-0.03757	-0.01177	0.15647	0.30611	0.15125	-0.00758	-0.2302	-0.32036	-1.19321	-1.26206	-1.30791	-1.38494	-1.36252	-1.28474
MAL7P1.22	1.73963	1.40371	0.89813	1.14712	1.03191	0.37012	-0.08984	-0.16485	-0.51226	-0.50076	-0.66006	-0.69393	-0.89066	-0.90586	-1.23006	-1.47257	-1.5883	-1.50523	0.90019	1.23984	0.97984	1.50536	1.82047	
PF14 0313	0.123	0.311	-0.32613	0.38946	0.56587	0.31373	0.47337	0.62751	0.60828	0.46632	0.43262	0.31737	0.2731	0.10927	-0.02779	-0.11455	0.02175	0.16871	0.0889	0.35918	0.54025	0.41358	0.45358	0.5526
PFL1630c	-0.40236	-0.56214	-0.86063	-0.68575	-0.94451	-1.00652	-1.06287	-0.92845	-0.57752	-0.20656	0.37976	0.53474	0.41603	0.37868	0.60971	0.56868	0.15984	0.60557	0.1843	-0.24029	-0.49007	-0.31164	-0.63863	-0.68074
PFL0770w	-0.89052	-0.82792	-0.6542	-0.6569	-0.5249	-0.23373	-0.12966	0.11517	0.5537	0.50129	0.49401	0.58349	0.57094	0.59881	0.39225	0.18369	0.29458	0.13285	-0.35833	-0.11967	-0.37286	-0.75974	-0.74164	-0.90551
PFC0420w	0.98199	1.16352	0.39251	0.41521	0.82808	1.2683	1.18756	1.61425	0.57288	-0.03407	0.33022	-0.02534	-0.1267	-0.09558	0.12437	0.079	0.2045	0.15399	0.1987	-0.00054	0.16779	0.32144	0.45262	0.35498
PF11 0209	-0.00608	-0.35565	-0.29102	-0.42026	-0.44049	-0.41464	-0.38914	-0.27556	-0.51527	-0.67276	-0.33782	-0.41055	-0.49912	-0.40709	0.11492	0.37491	0.46866	0.12343	0.85902	0.57218	0.31073	0.03242	0.08926	0.13005
PF10 0373	-0.28062	-0.07504	0.33621	0.78101	1.09718	0.36934	1.0605	1.22787	1.1898	1.27648	1.04067	0.98609	0.63653	0.60112	0.11319	0.01824	-0.18807	-0.10831	-0.20437	-0.51019	-0.62637	-0.48563	-0.4604	-0.45126
PF10 0316	-0.59254	-0.98404	-1.2788	-1.17954	-1.36758	-1.39289	-1.52314	-1.29179	-0.76969	-0.26129	0.10194	0.42659	0.55636	0.5731	0.69379	0.68679	0.5416	0.49013	0.49973	0.12497	-0.14492	-0.59328	-0.65743	-0.75309
PFI1050c	-0.54753	-0.97759	-0.78577	-0.76382	-0.33099	-0.81056	-0.14477	-0.98876	-0.32497	0.47061	0.63064	0.6643	0.83864	0.64565	0.57758	0.46836	0.56109	0.03587	0.14213	-0.34578	-0.63417	-0.08119	-0.45032	-0.23433
PFE0230w	-0.1834	0.13219	0.14951	0.17571	0.47439	0.63893	0.93924	0.4992	0.46383	0.62232	0.33043	0.33893	0.50427	0.63591	0.33174	0.18264	0.27027	0.22591	-0.38757	0.19906	0.19717	0.32755	0.35665	0.40894
PFF0210w	0.67561	0.32555	0.16269	-0.07971	-0.34674	-0.22704	-0.20437	-0.37381	0.00943	0.34283	0.34007	0.57855	0.44532	0.42721	0.12672	0.21549	0.07287	0.27971	0.61585	0.51169	0.51461	0.2337	0.22313	0.30279
PFL1760w	0.39008	0.43307	0.43972	0.80636	0.70228	0.58736	0.38245	0.21427	-0.12228	-0.41365	-0.4057	-0.44093	-0.22546	-0.08501	0.2147	0.27114	0.07419	0.14387	0.24695	0.10235	-0.17704	-0.22069	-0.0749	0.22728
PFI1810w	-1.6491	-1.71189	-1.96328	-1.65639	-1.67946	-1.68212	-1.54785	-1.39596	-1.67453	-1.66083	-1.38887	-1.56681	-1.3357	-1.38206	-1.64748	-1.66465	-1.67461	-1.70029	-1.61574	-1.49768	-1.60781	-2.08409	-1.69886	-1.94412
PFI1495w	0.12366	0.46804	0.58353	0.73791	0.84836	0.85335	0.86118	1.09282	1.19316	1.15008	1.026	1.06042	0.41734	0.17999	-0.08634	-0.39048	-0.66908	-0.68921	-0.9877	-1.01733	-0.98232	-0.53183	-0.38029	0.02277
MAL7P1.99	-0.55388	-0.2494	-0.44602	-0.06488	-0.16879	-0.23578	-0.38473	-0.22773	-0.37198	-0.41096	0.14112	0.19979	0.50329	0.4292	0.66212	-0.48739	0.7549	0.24512	0.23172	0.05397	-0.07719	-0.19785	0.00943	-0.06655
PFF0285c	-0.50584	-0.22672	-0.49647	-0.26587	-0.35823	-0.73376	-0.74632	-0.53989	-0.18628	0.14229	0.33441	0.45721	0.70556	0.80046	0.69729	0.36743	0.38813	0.07219	-0.60117	-0.18	-0.17774	-0.41606	-0.1433	-0.04245
PF14 0316	1.22662	0.80073	0.4036	0.53828	0.26546	-0.03146	-0.34962	-0.65087	-0.98453	-1.35027	-1.38661	-1.19907	-1.11669	-0.99937	-0.82708	-0.89185	-0.92198	-0.67059	-0.00047	0.53999	0.7478	0.8206	0.8634	0.89626
PFL0255c	-0.11857	0.13192	0.33889	0.56706	0.57437	0.93655	0.96221	1.10645	1.24983	1.16604	1.18764	1.08527	0.75731	0.47219	0.33676	0.09289	-0.16021	-0.30906	-0.23752	-0.42377	-0.23911	-0.24719	-0.18021	-0.07975
PF08 0064	-0.45853	-0.4096	-0.54332	-0.86293	-0.85957	-0.93197	-1.00249	-1.13429	-1.51147	-1.4726	-1.31275	-1.07053	-0.5733	-0.13997	0.60903	0.83849	0.78575	0.53886	0.85186	0.49266	0.27313	-0.38428	-0.38929	-0.51155
PFL2565w	1.8947	2.21549	1.9932	1.95029	1.68958	0.99431	0.79315	0.74784	-0.17101	-0.66516	-1.22887	-1.77492	-2.21498	-2.53475	-2.7253	-2.89918	-2.64764	-2.83612	-1.95432	-0.89806	0.31191	0.88746	1.13001	1.41786
PFL1435c	0.64427	-0.08115	-0.25045	-0.79566	-1.25538	-1.50323	-1.98172	-2.30581	-2.83419	-3.047	-3.10281	-3.39955	-3.55948	-3.71405	-2.99821	-1.73525	0.05222	0.45238	1.23217	1.14927	1.23146	1.27475	1.15388	0.71908
PFB0550w	-0.15665	0.0382	0.03115	0.18996	0.11374	0.20465	0.33397	0.57791	0.61539	0.55573	0.77207	0.70859	0.73574	0.32392	0.30576	-0.11889	-0.60597	-0.73551	-0.85305	-0.89205	-0.87937	-0.68456	-0.43274	-0.33469
PF14 0325	0.63947	0.1541	-0.12062	-0.04219	-0.06906	-0.36403	-0.40261	-0.83688	-0.81075	-0.88692	-1.12161	-0.98746	-0.96802	-0.99526	-1.00846	-0.59251	-0.17103	0.15246	0.31101	0.80692	0.97784	0.55852	0.90522	0.88977
PFE0725c	0.5013	0.5331	-0.79888	1.03259	1.41031	1.27245	1.2233	1.23006	0.26294	0.34593	0.50925	0.33452	0.34722	0.12384	0.19644	0.11121	0.06912	0.02552	0.75703	0.56299	0.6849	0.53822	1.04318	1.33738
PF07 0006	2.0974	1.30727	2.42211	1.9042	2.17371	2.08909	2.10195	1.11489	1.12587	0.33551	-0.43801	-0.8342	-1.31019	-1.80057	-1.79634	-2.27672	-4.56931	-2.49589	-1.60333	-0.4254	0.5596	1.38436	1.53872	1.80058
MAL13P1.66	0.27078	0.28314	0.652	0.69788	0.72293	0.3439	0.65128	0.47999	0.9059	0.93364	0.67444	0.65732	0.36595	0.25463	-0.11629	-0.23334	0.157863	-0.26165	-0.6372	-0.11688	0.12912	0.40085	0.16287	0.27604
PF11 0348	-0.46212	-0.64167	-0.39897	-0.66039	-0.53995	-0.54021	-0.52599	-0.44008	-0.35157	-0.33896	-0.07389	0.15996	0.13667	0.18874	0.32193	0.35068	0.43874	0.24325	0.25525	0.04299	-0.13861	-0.50965	-0.42319	-0.58868
PFI0675w	0.5023	-0.13722	-0.16779	-0.7467	-0.77044	-1.38233	-1.68937	-2.08476	-2.62689	-2.98724	-3.0393	-3.38026	-3.72232	-3.47815	-3.22718	-3.02145	-1.77801	-0.6862	1.55259	0.99457	1.09968	0.99623	1.12542	1.57885
PF10 0306	0.4479	-0.01039	-0.45339	-0.98446	-1.42814	-1.64416	-1.93758	-2.22656	-2.6987	-3.07512	-3.30282	-3.63456	-3.57677	-3.17789	-1.661	-0.04622	0.74524	1.19145	1.33665	1.14119	1.24348	0.96181	0.62231	0.01578
PF10 0126	0.08962	0.07468	0.0837	0.19552	0.20685	0.20818	0.15442	0.36281	0.47837	0.24724	0.35235	0.38106	0.18591	-0.2478	-0.32416	-0.39806	-0.20368	-0.90174	-0.30214	-0.22217	-0.17724	-0.14465	0.17281	0.29849
PFI1625c	-0.69388	-0.50042	-0.43308	-0.31976	-0.18004	0.03415	0.01929	0.19958	0.4196	0.62381	1.01272	0.9006	1.03549	0.73355	0.79856	0.5465	-0.03021	-0.05417	0.03597	-0.67369	-0.77266	-0.69668		

PFA0160c	-1.54815	-1.39022	-0.84104	-1.17482	-1.01118	-0.79999	-0.41474	0.03027	0.34494	0.62362	0.80358	0.76741	0.76388	0.4906	0.52075	0.03847	-0.40841	-0.65042	-0.82478	-1.31871	-1.48068	-1.45677	-1.41805	-1.40885
PF11_0265	-0.27288	0.05235	0.46673	0.48503	0.512	0.7693	1.01232	1.30071	1.59448	1.587	1.55023	1.3503	0.76364	0.27061	-0.19049	-0.59059	-1.14034	-1.30058	-1.58467	-1.58632	-1.36065	-1.13073	-0.92495	-0.4912
PF11_0186	-0.56106	-0.13847	-0.47223	0.17652	0.30309	0.40876	0.31605	0.23593	-0.19657	0.05475	0.03632	-0.02487	0.14966	0.24489	0.55018	0.63569	0.47142	0.38398	0.77973	0.21032	-0.08751	0.01936	-0.07329	-0.11489
PFC0725c	-1.07098	-1.03359	-0.58548	-0.22646	0.29095	0.97128	0.99445	1.05125	0.6709	0.50667	0.51506	0.61539	0.58809	0.3916	0.27002	0.0056	-0.46466	-0.50806	-0.77102	-1.11239	-1.46021	-1.4241	-1.33352	-0.99989
PFL1430c	-0.48791	-0.79809	-1.2716	-0.80502	-1.00319	-1.15044	-1.19051	-1.28926	-0.99033	-0.45473	-0.41188	-0.12502	0.36489	0.57013	0.43105	0.2422	0.6291	0.22498	-0.27169	0.10519	0.20527	-0.08356	-0.21465	-0.27147
PF11110w	0.9194	0.86284	1.06204	1.43151	1.48153	1.64853	1.22912	1.20177	0.8108	0.34805	0.51932	0.47407	0.30293	0.24866	0.1732	0.14649	-0.60023	-0.22696	0.0998	-0.2926	-0.2273	0.02296	0.31494	0.28771
PF14_0473	0.71521	0.91923	0.89499	0.88145	0.79135	0.74092	0.73928	0.75424	0.70723	0.67183	0.469	0.47572	0.33921	0.37119	0.13131	-0.19014	-0.32299	-0.35696	-0.76627	-0.26021	-0.0491	0.13111	0.33147	0.49845
PFB0235w	0.17963	0.30614	0.50123	0.2014	0.23123	0.05561	-0.01574	-0.08438	0.09267	0.3709	0.63019	0.80608	0.6885	0.16638	-0.05855	0.05454	-0.08161	-0.03256	0.19471	0.20871	-0.37323	0.47188	0.40657	0.46972
PFA0175w	0.39912	-0.25219	-0.5766	-0.31109	-0.10934	-0.36362	-0.25495	0.17761	0.36344	0.6866	0.54057	0.62127	0.53436	0.43276	-0.01186	-0.09664	-0.22213	0.12048	-0.19657	0.33677	0.42497	0.44114	0.37435	0.44739
PF11_0039	1.51638	1.37434	2.27564	2.26539	2.32468	2.12698	1.53918	-0.00792	-0.68489	-1.49644	-1.85105	-2.44068	-3.19108	-3.75196	-4.03354	-4.3014	-3.41529	-3.40089	-1.15931	0.19259	0.84779	0.30926	1.96282	2.00636
MAL8P1.200	0.7023	1.00053	0.34644	0.33468	0.35422	0.38432	0.3373	0.587	0.19152	0.4515	0.23519	0.08091	-0.19609	-0.25643	-0.38438	-0.13968	-0.46627	0.23174	0.02575	0.029	0.23159	0.78902	0.40091	0.579
PF13_0043	0.02258	0.24981	0.68113	0.68185	0.61155	0.39776	0.48349	0.25419	0.46677	0.33276	0.54602	0.44272	0.54655	0.45121	0.36158	0.23484	0.22208	-0.03572	0.08634	-0.28406	-0.35312	-0.30656	-0.60452	-0.25707
PF10_0340	-0.62464	-0.27782	-0.58421	-0.46342	-0.45479	-0.81708	-0.7923	-1.04214	-0.93937	-0.32368	0.19445	0.36075	0.6992	0.62688	0.7409	0.55177	0.27245	-0.1756	-0.56269	-1.08531	-1.05166	-0.86038	-1.09591	-0.9304
MAL7P1.114	-1.22206	-1.13791	-1.09612	-1.29796	-1.38191	-1.25532	-0.99946	-0.82576	-0.45538	-0.20133	0.45525	0.51349	0.78395	0.61883	0.93181	0.75584	0.2338	0.4895	0.39785	-0.19443	-0.59422	-0.86403	-1.09012	-1.20582
PFI0855w	-0.24236	-0.41732	-0.33845	-0.43877	-0.37165	-0.45439	-0.43141	-0.26104	0.01001	0.12915	0.25266	0.37614	0.44716	0.64712	0.56908	0.62736	0.23561	0.43436	0.27514	0.11243	0.02152	-0.16663	-0.32861	-0.45486
PFD0100c	1.55117	0.73933	0.53945	-0.03095	-0.28808	-0.80242	-1.09744	-1.47164	-2.00372	-2.60771	-2.91357	-3.30011	-3.3971	-3.05439	-2.58209	-2.29257	-1.48454	-0.46126	0.57414	1.2713	1.5254	1.51037	1.5497	1.54264
PFI1005w	0.26094	-0.48565	-0.36384	-0.10150	-0.86082	-1.61367	-1.64061	-1.82644	-2.58162	-2.46454	-2.33935	-2.33342	-1.96031	-2.16603	-1.57853	-0.99556	-0.44981	0.06467	1.55412	0.79599	0.78754	0.6357	0.7618	0.90036
PF10_0041	0.23842	0.62481	0.90335	0.73594	0.9667	1.036	0.8006	0.5186	1.0282	0.97092	0.77154	0.65484	0.94201	0.4501	0.38988	-0.19203	-0.20639	-0.53393	-0.77946	-0.56366	-0.86702	-0.56616	-0.23359	0.07211
PF10_0048	-0.64144	-0.86587	-0.90468	-1.12493	-1.08889	-1.28918	-1.21686	-1.17023	-1.14331	-0.83332	-0.56423	-0.27614	-0.3191	-0.15558	0.15285	0.48812	0.32671	0.67862	0.99078	0.58701	0.42761	-0.08777	-0.11505	-0.37233
MAL13P1.313	-0.25655	-0.23616	-0.9031	-0.13231	0.0698	0.11109	0.10453	0.00938	-0.01502	0.06905	-0.26818	-0.30565	-0.07829	0.20791	-0.01397	-0.1187	0.3329	0.3832	-0.83507	0.48705	0.57751	0.89898	0.76956	0.87697
MAL8P1.70	0.64314	-0.13098	-0.6988	-0.61737	-0.43856	-1.11058	-1.29977	-1.44282	-2.12046	-2.27106	-2.37511	-2.53983	-2.82454	-2.89989	-2.75902	-2.56601	-1.39901	-0.79935	1.56028	0.87576	1.18856	0.9056	1.2396	1.74558
MAL8P1.82	-0.47291	-0.66391	-0.64561	-1.09982	-1.17779	-1.32357	-1.22662	-0.90302	-1.22652	-1.24345	-1.17151	-1.25322	-0.79823	-0.39194	0.13114	0.50278	0.80699	0.84597	0.3814	0.57641	0.59097	0.34507	0.04833	-0.20814
PFF0520w	-0.66308	-0.79812	-0.74144	-0.69128	-0.53014	-0.03841	0.11001	0.34636	0.5469	0.70709	0.75057	0.65637	0.56126	0.3504	0.41158	0.44719	0.35455	0.1652	0.33525	0.07162	-0.09051	-0.45356	-0.48377	-0.65337
PF14_0441	0.28945	0.20899	-1.22187	0.76555	0.46767	0.34178	0.32345	0.81193	0.48281	0.3048	0.39243	0.33052	0.29984	0.24471	0.29156	0.34981	0.34475	0.30866	0.34221	0.05475	0.16162	0.39161	0.25388	0.19136
PF14_0468	-0.07901	-0.33926	-0.225	-0.46569	-0.53335	-0.59548	-0.68477	-0.7946	-1.6246	-1.23595	-1.19646	-1.06497	-0.69966	-0.39523	0.04041	0.51636	0.80741	0.87977	0.83827	0.71884	0.78535	0.61881	0.47701	0.00637
PF14_0352	-1.10387	-1.50847	-1.46898	-1.6769	-1.92777	-1.75437	-1.77183	-1.65057	-1.26884	-0.73202	-0.17089	0.31811	0.52699	0.53915	0.72337	0.78725	0.73226	0.45757	0.44108	-0.00035	-0.2222	-0.53213	-0.69127	-1.07827
PFF1115w	0.68426	0.93609	-0.11743	1.17427	1.30002	1.49921	1.18818	1.55346	1.26562	1.08237	0.87303	1.03108	0.44167	0.2096	0.06855	0.03393	-0.48241	-0.18915	-0.40816	-0.53039	-0.50903	-0.24505	-0.0254	0.17456
PFI1440w	-0.57902	-0.27988	-0.32906	-0.30274	-0.21378	-0.27208	-0.12048	0.05817	-0.23125	0.03344	0.27228	0.30905	0.58007	0.57179	0.73066	0.529	0.51481	0.30614	-0.00816	-0.11625	-0.11142	-0.09829	0.03033	0.06196
PFA0285c	-0.55078	-0.91776	-1.07756	-0.93921	-0.94541	-1.34228	-1.49771	-1.47538	-1.49743	-0.91182	-0.4441	-0.09699	-0.08125	0.2543	0.47935	0.64341	0.72221	0.41382	0.67839	0.49106	0.44435	-0.01699	-0.37823	-0.34885
MAL8P1.27	-0.59445	-0.62179	-0.76532	-1.15188	-1.00484	-1.45766	-1.08917	-0.99842	-0.93296	-1.33095	-0.28076	-0.089	0.21167	0.37697	0.87971	0.95746	0.62961	0.39821	0.54169	0.21235	0.04741	-0.57762	-0.45046	-0.74986
PF14_0599	-0.3449	0.53775	0.80153	1.10786	0.8438	1.23762	1.27984	0.97012	1.25869	1.08503	0.89706	0.88844	0.6127	0.51856	0.39374	0.21326	-0.09095	-0.27677	-0.15975	-0.53942	-0.65826	-0.31291	-0.19148	-0.03656
PF14_0404	0.3952	-0.06759	0.62903	0.49815	0.24582	0.41672	0.7489	0.41209	0.7968	0.71021	0.07989	0.14658	0.34345	0.35291	0.45428	0.33438	0.02422	0.19644	0.06038	0.1408	0.10518	-0.03535	0.14262	0.05687
PF11_0068	0.69116	0.61454	0.93785	0.82575	0.95397	1.08705	0.79239	0.89765	0.93466	0.85655	0.72531	0.50465	0.40779	0.17382	-0.0573	-0.1605	-0.54988	-0.48603	-0.55016	-0.40424	-0.20251	0.05647	0.29427	0.50692
PF1330c	-0.32908	-0.02155	-0.0325	-0.08692	0.1628	0.1558	-0.0241	-0.04949	-0.19049	-0.14576	0.23559	0.36284	0.33784	0.18237	0.22248	0.23902	-0.0422	0.08676	0.40004	0.22404	0.19605	0.22807	0.43534	0.65348
PF14_0280	-0.38784	-1.04672	-0.93845	-0.90758	-1.04836	-1.04148	-0.70734	0.19835	0.51637	0.55009	0.83925	0.75767	0.66564	0.51443	0.32753	0.2571	0.05675	-0.0478	0.22904	-0.05283	-0.0263	-0.16095	-0.31458	-0.38511
PFL0090c	-0.5821	-0.4142	-0.40369	-0.85135	-1.07719	-1.06571	-0.95883	-0.61896	-0.21524	0.05392	0.17482	0.54536	0.73128	0.66706	0.76571	0.57087	0.38039	0.31114	0.30344	0.05496	-0.41271	-0.46304	-0.51402	-0.63118
MAL8P1.103	-0.46429	-0.52645	0.20974	-0.21744	-0.16043	0.24845	0.38673	0.54103	0.49892	0.50599	0.55794	0.61647	0.54795	0.43377	0.33541	0.07192	-0.28102	-0.45651	-0.38908	-0.8786	-0.83529	-0.77455	-0.71765	-0.57616
PFE0275w	-0.07147	0.25643	0.44899	0.27091	0.5364	0.58891	0.58595	0.60592	0.60049	0.43315	0.46238	0.47357	0.40428	0.27359	0.38832	0.27187	0.16104	-0.1287	0.24509	-0.20828	-0.1319	-0.54808	-0.44877	-0.21065
PFB0510w	0.30158	-0.05017	0.12236	-0.22982	-0.26899	-0.44704	-0.55859	-0.66316	-0.70378	-0.69031	-0.40639	-0.15101	0.12464	0.32836	0.34541	0.39799	-0.46036	0.54474	0.55426	0.54744	0.60231	0.38742	0.35655	0.31486
PF10_0130	-0.15093	-0.21697	-0.00943	0.02435	0.17275	0.26414	0.24135	0.24226	0.37074	0.48695	0.41341	0.54498	0.58203	0.72715	0.59876	0.3494	0.30161	-0.05324	-0.02649	-0.29894	-0.39377	-0.33337	-0.43862	-0.46735
PFC0370w	0.45807	0.029	-0.22588	0.36977	0.45122	-0.01149	-0.41	-0.48287	-1.57515	-1.81703	-1.52842	-2.0771	-2.27316	-2.51259	-2.01044	-1.26938	-0.22072	-0.03463	1.14435	0.81434	0.			

PFC0155c	0.20333	0.4972	0.34687	0.59184	0.58275	0.42491	0.39979	0.62888	0.647	0.67904	0.73527	0.53142	0.52407	0.12804	0.11136	-0.13927	-0.56219	-0.33016	-0.37374	-0.49056	-0.38757	-0.37098	-0.04188	0.14509
PF08_0034	-0.749	-0.46576	-0.36676	-0.41326	-0.49102	-0.4738	-0.14844	0.0431	0.42284	0.43416	0.35092	0.41505	0.45766	0.46062	0.39053	0.11818	0.12379	-0.20569	-0.65269	-0.67433	-0.59822	-0.63132	-0.6156	-0.52805
PF11_0142	0.75104	0.59883	0.16074	0.46172	0.04192	0.29685	0.04064	0.36166	0.39605	-0.14752	0.04883	-0.168	-0.09478	-0.20777	-0.10939	-0.09317	-0.36308	-0.15396	0.67473	0.41035	0.4542	0.67888	0.75862	0.5521
PFI0875w	-1.70283	-1.37653	-1.11504	-0.90591	-0.5831	-0.53337	-0.62781	-1.04054	-1.21726	-0.80167	-0.69717	-0.67372	0.09348	0.7042	0.59742	0.60332	0.35519	0.17082	-0.39298	-0.55475	-0.92229	-1.04347	-1.67595	-1.6751
MAL13P1.170	0.33144	0.31408	0.5458	1.0484	1.11899	1.00863	1.07414	1.10612	1.00723	0.76275	0.72492	0.65229	0.43864	0.32166	0.00484	-0.2077	-0.37221	-0.36963	-0.28963	-0.32937	-0.15074	-0.22432	0.05632	0.4248
PFD0905w	0.80058	0.75306	0.43332	0.37524	0.10916	0.15518	0.27987	0.37646	0.11807	0.00498	-0.16244	-0.3511	-0.90388	-1.25712	-1.45484	-0.8981	-0.44142	0.47533	0.67002	1.02262	0.8982	0.94596	0.9563	
PFA0320w	-0.30688	-0.62869	-0.38505	-0.68271	-0.67542	-0.61342	-0.68502	-0.81323	-0.73178	-0.48264	-0.24827	0.07659	0.32659	0.57464	0.67384	0.68472	0.68687	0.61774	0.31263	0.40355	0.15784	-0.11042	-0.21555	-0.26456
PF13_0242	-0.72865	-0.67523	-0.50237	-0.2124	-0.18647	-0.07254	-0.13277	0.026	-0.03235	0.12373	0.42807	0.44243	0.68472	0.37687	0.47961	0.52713	0.25004	0.10848	0.54741	-0.00154	-0.33156	-0.40244	-0.37806	-0.47292
PF14_0700	-1.17688	-1.00315	-0.68983	-0.46115	-0.16137	0.04874	0.07471	0.18215	0.14011	0.14125	0.32029	0.32582	0.41085	0.29905	0.54669	0.37691	-0.04776	-0.06763	-0.17903	-0.60193	-0.52764	-0.68919	-0.692	-0.42463
PFE1285w	0.10249	-0.73884	-1.04197	-1.20454	-1.02968	-2.04012	-2.12741	-2.44348	-3.1573	-3.5717	-3.4488	-3.65425	-3.85192	-4.23553	-3.65615	-2.81174	-1.01846	-1.34068	1.6217	1.30878	0.97914	0.34326	1.29517	2.0174
MAL13P1.180	-0.37136	-0.46868	-0.52925	-0.62647	-0.55883	-0.3196	-0.01444	0.05408	0.09972	0.27587	0.38838	0.63909	0.62266	0.89868	0.70096	0.46617	0.91483	0.39693	0.23474	-0.05319	-0.19554	-0.26065	-0.35952	
PF14_0685	0.40427	0.46233	0.33665	1.05445	0.90462	1.29536	1.1689	1.59966	0.82812	0.5337	0.6223	0.55365	0.33212	0.37387	0.31713	0.12272	0.1563	0.11828	0.2934	0.07985	0.4191	0.5225	1.00978	0.77144
PF14_0736	0.15749	0.26705	0.13888	0.43625	0.75684	0.69489	0.6582	0.72891	0.75469	0.69877	0.4872	0.31788	0.35887	0.22516	0.04774	0.00664	0.05521	0.20963	0.00086	0.38366	0.5365	0.83481	1.07087	0.91182
PF13_0033	-0.85558	-0.87768	-0.70632	-0.85163	-1.01558	-0.88733	-0.62774	-0.59716	-0.1947	0.03879	0.01286	0.05153	0.17788	0.19794	0.64048	0.56679	0.5199	0.49737	0.06876	0.11788	-0.3893	-0.64618	-0.82742	-0.78913
PF07_0048	0.51374	0.67307	0.34603	0.5249	0.8319	0.70991	0.76707	0.66602	0.5798	0.54745	0.37695	0.35735	0.38967	0.54056	0.30015	0.27035	0.34966	0.37326	0.15351	0.00851	-0.14837	-0.05785	-0.28654	-0.1867
PFA0575c	-0.34375	-0.24213	-0.36798	-0.09859	-0.23518	-0.00197	-0.05753	0.12851	0.44512	0.24607	0.34852	0.56153	0.47674	0.5703	0.61318	0.6967	0.44447	0.47649	0.73384	0.22254	0.0436	-0.05256	-0.26261	-0.58418
PFB0145c	0.55745	0.0199	-0.46334	-0.48893	-0.88213	-1.15759	-1.3488	-1.7825	-1.10222	-1.65877	-1.72179	-1.51935	-1.17393	-0.70158	-0.58536	-0.3849	0.16143	0.39296	0.40628	0.96641	1.05078	0.86851	0.95854	0.75009
MAL7P1.6	2.08138	1.8974	1.47699	1.21941	0.83385	0.11725	-0.35648	-0.76224	-1.63402	-2.26725	-2.5143	-3.10849	-3.19551	-3.73988	-3.55664	-3.96862	-3.86526	-3.05071	-1.46388	0.2127	0.74012	1.01352	1.82261	1.34233
PF14_0288	-0.21076	-0.20287	-0.40113	-0.30397	-0.36306	-0.44032	-0.49135	-0.74697	-0.97382	-0.8462	-0.48962	-0.37151	-0.13691	-0.19971	0.40657	0.52296	0.54987	0.31963	0.87623	0.37331	0.52192	0.17922	0.15047	0.12668
PFD0075w	-1.28255	-1.45321	-1.70847	-1.77272	-1.93224	-0.73052	0.52072	1.32071	2.26519	2.46271	2.15958	1.90489	1.16512	0.55929	-0.05645	-0.45802	-1.65486	-1.516	-1.63827	-1.86041	-1.77544	-1.95167	-1.79347	-2.14277
PFC0735w	-0.18129	0.29616	0.67106	0.57171	0.19338	0.58953	0.32007	0.61357	0.48306	0.2392	0.59848	0.50315	0.49028	0.29608	0.20093	0.16215	-0.32886	-0.50125	-0.54363	-1.20796	-1.05186	-0.78071	-0.45828	-0.44027
PFI0685w	0.18443	0.24222	0.42321	0.49217	0.56476	0.72971	0.77902	0.80769	0.92341	1.06748	1.10401	0.79882	0.56768	0.40546	0.03437	-0.30242	-0.40607	-0.59742	-0.3711	-0.14253	0.04741	0.06657	0.21986	0.53837
PFC0860w	-0.32443	-0.241	-0.34194	-0.35057	-0.35572	-0.1946	-0.50869	-0.49235	-0.80544	-0.77208	-0.465	-0.06311	0.58849	0.93279	1.09404	1.08581	0.71805	0.90257	0.51445	0.48872	0.16365	0.07345	-0.02861	-0.31027
MAL7P1.86	0.96071	0.44051	-0.06791	-0.05254	-0.01946	-0.28098	-0.41186	-0.06204	-0.30649	-0.34805	-0.41407	-0.43186	-0.90882	-0.99632	-0.95897	-0.67199	-0.7082	0.36831	0.65531	0.81741	0.93291	0.8565	0.91895	0.80915
PF14_0760	1.32863	1.10997	1.14915	1.11403	1.15844	0.90211	0.66217	0.66811	0.47709	0.16409	-0.35834	-0.71558	-1.03777	-1.46691	-1.14768	-1.16651	-1.41354	-1.16624	0.38131	0.8401	0.93447	0.81289	1.52773	1.82219
PFE0610c	0.39367	0.68588	1.00965	0.9662	1.00812	1.16179	1.03026	0.90269	0.74563	0.48281	0.51897	0.54492	0.34069	0.30883	0.47586	0.25507	0.10259	-0.04276	-0.00971	-0.43494	-0.51532	-0.39602	-0.23163	0.20165
PF10_0086	-1.03958	-0.74084	-0.39216	-0.42297	-0.51208	-0.14609	0.06861	0.44171	0.58689	0.43478	0.7158	0.83358	0.69892	0.41146	0.5708	0.24121	-0.20544	-0.42652	-0.42202	-0.89099	-1.22118	-1.14647	-1.03636	-0.94309
PFD0180c	-0.26311	0.20916	0.33566	0.30135	0.13942	0.35386	0.44068	0.54638	0.56113	0.5548	0.49585	0.5876	0.52325	0.27004	0.20753	-0.08422	-0.37177	-0.41717	-0.64151	-0.69675	-0.68243	-0.2955	-0.15587	-0.1743
PF14_0410	-0.39956	-0.25667	-0.23593	0.26386	0.34833	0.84518	1.00445	1.0598	1.35365	1.30458	1.18432	1.14244	0.88778	0.63665	0.32841	0.1941	-0.16944	0.24529	-0.01597	-0.17374	-0.21803	-0.22945	-0.18069	-0.27927
PFA0490w	-0.14472	0.33168	0.41771	0.64674	0.49442	0.67325	0.41262	0.38077	0.26492	-0.08258	0.40093	0.06451	0.08672	-0.22744	-0.16618	-0.29992	-0.58041	-0.47474	-0.11924	-0.21053	-0.13229	-0.01671	0.26888	0.42221
PF14_0257	-2.07266	-1.92774	-1.49497	-1.65769	-1.79547	-1.55755	-1.49061	-1.13235	-0.99368	-0.14219	0.39461	0.73027	0.87564	0.97088	0.85193	0.71453	0.35567	0.1856	-0.4285	-0.90598	-1.35864	-1.53105	-1.65329	-1.90443
PF07_0102	0.15838	0.79924	0.83994	1.10343	1.00941	1.15733	1.11915	0.82179	0.9052	0.69784	0.69364	0.72875	0.56332	0.4654	0.36596	0.16616	-0.09077	-0.11861	-0.26726	-0.60919	-0.62902	-0.51379	-0.46264	-0.3105
MAL13P1.227	-0.29895	-0.56957	-0.27998	-0.53607	-0.65864	-0.33154	-0.03926	-0.19271	0.39782	0.50587	0.40148	0.60856	0.54255	0.55308	0.5131	0.54033	0.33473	0.54466	0.86569	0.52123	0.09169	0.01143	-0.18898	-0.24258
PFA0550w	-0.94382	-0.95587	-1.46004	-0.97238	-1.0435	-0.95862	-0.80823	-0.60113	-0.22829	0.20633	0.3846	0.67295	0.89459	0.91319	0.99488	0.7296	0.40795	0.66366	-0.10065	-0.03976	-0.35595	-0.49112	-0.51605	-0.63147
MAL13P1.295	-1.82441	-1.94248	-1.81657	-2.52442	-2.58791	-2.47933	-1.63749	-0.87189	0.32695	0.55425	0.54295	0.72097	0.79431	0.84545	0.60764	0.46493	0.46288	0.37329	-0.96397	-0.74172	-0.98082	-1.17178	-1.41434	-1.67069
PFL2185w	-0.19976	-0.11541	-0.48974	-0.24235	-0.04105	-0.43086	-0.55424	-0.65822	-1.3318	-1.59426	-1.41905	-1.31756	-0.88097	-0.21205	0.42463	0.78834	0.70602	0.76087	0.79786	0.56916	0.48472	0.16845	0.03806	0.09338
PF11_0528	0.33527	-0.16366	-0.28833	-0.76906	-0.90014	-0.83188	-1.16738	-1.31935	-1.39663	-1.47572	-1.38161	-1.18438	-1.26569	-0.80163	-0.18342	0.6308	1.08087	0.96993	0.62639	1.2458	1.29429	0.81749	0.25284	-0.2358
PFC10_API0050t																								
RNA	-0.13036	-0.64974	-1.29362	-0.59312	-0.7073	-0.72419	-0.84688	-0.47713	-0.2695	-0.09687	0.02989	0.32707	0.11445	0.22836	0.35659	0.78604	0.65811	1.02139	0.75101	0.25672	-0.0048	0.30337	-0.19601	-0.36815
MAL8P1.77	-0.63415	-0.56699	-0.27638	0.17667	0.43478	0.78869	0.69526	0.61448	0.82749	0.71815	0.803	0.76555	0.56165	0.11	0.28839	0.32656	0.27444	0.09777	0.46478	-0.11894	-0.31928	0.02429	0.02447	-0.0147
PFI1210w	0.16765	0.07767	-0.36899	-0.06324	-0.10577	-0.21742	-0.31074	-0.69585	-0.84337	-0.98401	-1.09366	-1.19471	-0.89255	-0.38055	0.2372	0.60055	1.17683	0.85462	0.72328	0.9986	1.0622	0.67685	0.54003	0.19259
PFE0825w	0.27788	-0.05331	0.30484	0.27243	0.31468	0.92753	0.08883	0.32197	0.22085	0.13804	0.1914	0.15151	-0.0683											

MAL13P1.33	0.15122	-0.01515	0.03799	0.05312	-0.34083	-0.27379	-0.42841	-0.63552	-0.21072	0.2702	0.34678	0.75044	0.59293	0.69616	0.66188	0.64641	0.34291	0.59401	0.23621	-0.01104	0.03201	0.00078	0.07381	0.03414
PF14 0543	-1.01919	-0.92039	-0.45272	-0.51784	-0.19947	0.07164	0.0835	0.0394	-0.24223	-0.42879	-0.15128	-0.27799	-0.05018	0.03754	0.38874	0.39776	0.56842	0.25623	-0.01409	-0.26668	-0.62067	-0.861	-0.87819	-1.02864
PF14 0086	0.80657	1.24866	1.17779	1.24306	1.14094	1.54282	1.54797	1.83014	1.69348	1.30679	1.35592	0.98099	0.75579	0.29747	0.0158	-0.31737	-0.53694	-0.55585	-0.46783	-0.76039	-0.54703	-0.38297	0.00391	-0.26775
PFA0615w	-2.04115	-2.76966	-3.28107	-3.51479	-0.94203	-2.04081	-0.44066	0.63019	1.76304	2.30014	1.27937	0.89194	-0.26799	0.06786	-0.30319	-1.66297	-1.20867	-1.63843	-2.47265	-0.63616	0.88109	-0.41075	-0.27192	0.15823
MAL8P1.149	0.17104	-0.29647	0.25651	-0.16058	-0.26228	-0.24254	-0.33671	-0.5448	-0.51224	-0.42491	-0.21381	-0.0084	0.14495	0.21822	0.31879	0.24186	0.32795	0.34744	0.38334	0.39903	0.34629	0.10965	0.14991	0.20163
PF14 0387	-0.83812	-1.38627	-1.51273	-1.27224	-0.81956	0.0171	0.78666	0.85135	1.11999	0.92744	0.74172	0.81262	0.69876	0.60078	0.38258	0.37506	0.15374	0.14936	0.00695	-0.03778	-0.5955	-0.69717	-0.67505	-0.71685
PF1410c	-0.62258	-0.31438	-0.62329	-0.85657	-0.78679	-0.77289	-0.48696	-0.18649	0.75379	0.98328	0.91146	0.8896	0.90692	0.83966	0.48193	0.27454	0.18302	0.14954	-0.20932	-0.19919	-0.45563	-0.394	-0.47938	-0.39593
PFI0330c	-0.45117	-0.07548	0.48006	0.55996	0.47632	0.86772	0.78775	0.79569	1.29627	1.26666	1.17862	1.14387	0.94622	0.66456	0.18005	-0.13464	-0.30536	-0.44911	-1.07505	-0.95582	-1.11879	-0.81319	-0.59841	-0.2716
PFB0640c	0.30334	0.27535	0.13105	0.33312	0.23776	0.03006	-0.1509	-0.28842	-0.42472	-0.44011	-0.47178	-0.25687	-0.20285	-0.18338	0.04923	0.08763	-0.05691	-0.24321	-0.12922	0.05063	0.09206	0.15469	0.25451	0.16002
PFD0470c	-0.57585	-0.82582	-0.81846	-1.04791	-0.76178	-0.50818	-0.4476	-0.04115	-0.001	0.19751	0.33049	0.27895	0.42621	0.30501	0.55579	0.37323	0.55468	0.32254	0.32129	0.09939	0.13763	-0.04382	-0.25881	-0.68153
PF11 0359	0.47349	0.7511	0.59793	0.95727	0.99773	0.9359	0.78594	0.80641	0.4741	0.16239	0.21828	0.2555	0.07273	0.1148	0.12459	0.25845	0.01337	0.17435	0.38538	0.01132	0.1475	0.2098	0.15654	0.04718
PFI0790w	0.44102	0.06933	0.09364	0.23433	0.38033	0.17552	0.11226	0.1127	-0.04082	-0.27752	-0.14555	-0.20625	-0.02568	0.07578	0.16149	0.2584	-0.00997	0.44469	0.66541	0.52434	0.41596	0.18038	0.28966	0.32345
MAL13P1.87	-0.13515	0.11826	0.23239	0.23956	0.16138	0.0311	0.20508	0.09105	0.02591	0.09658	0.30859	0.39917	0.48771	0.31471	0.34431	0.28333	0.09071	0.09953	-0.01188	-0.36162	-0.44253	-0.55612	-0.46816	-0.33347
PFD0145c	-0.28301	-0.14513	0.04023	0.01794	0.07248	0.24215	0.0356	-0.21173	-0.06421	0.15487	0.39327	0.42894	0.61437	0.62783	0.80686	0.78935	0.50269	0.38981	-0.05652	-0.07048	-0.30967	-0.32336	-0.12816	
MAL13P1.202	-0.94498	-1.04757	-0.96897	-1.47806	-1.52577	-1.64669	-1.34381	-1.28685	-1.13579	-1.06566	-1.08244	-0.76962	-0.23564	0.45983	0.82565	0.7692	0.86929	0.79762	-0.11991	0.34972	0.14797	-0.2391	-0.70587	-1.17229
MAL13P1.237	0.17106	0.49817	0.62709	0.59538	0.76352	0.4852	0.29206	-0.10541	-0.19483	0.10124	0.38606	0.15474	0.17871	0.19659	0.03544	-0.25455	-0.87205	-1.04583	-1.54492	-1.56707	-1.04597	-0.87648	-0.50148	-0.13079
PF11 0109	0.00102	0.24362	0.34122	0.21965	0.2424	0.11719	0.15765	0.46031	0.59493	0.54302	0.46205	0.4757	0.24823	-0.3225	-0.38367	-0.5495	-0.85374	-0.73546	-0.99151	-0.72687	-0.59141	-0.49416	-0.26458	-0.02081
PF10 0328	0.04379	0.22813	0.43375	0.47151	0.29026	0.53332	0.42756	0.5864	0.59623	0.58409	0.77598	0.68897	0.60951	0.31287	0.3798	-0.22791	-0.27193	-0.28735	-0.12669	-0.62712	-0.66446	-0.35973	-0.31226	-0.06689
PF13 0166	1.00712	0.64388	0.14465	0.35209	0.10271	-0.47146	-0.48013	-0.62969	-0.93057	-1.10228	-1.11475	-0.94639	-1.06841	-1.19574	-0.9865	-0.89226	-0.20967	-0.09469	1.43895	1.25125	1.57906	1.1205	1.38299	1.53366
PFL1745c	-1.25628	-0.97892	-0.42174	-0.11549	0.4304	0.71419	0.81492	0.67715	0.46941	0.3773	0.25011	0.39274	0.33249	0.26321	0.11926	-0.02469	-0.09783	-0.25059	-0.74386	-0.85545	-1.05765	-0.99361	-1.05642	-0.84166
PF11 0156	0.13178	0.13267	0.39553	0.07002	-0.04381	0.12674	0.05713	0.02978	0.09262	0.0811	0.09753	0.06884	0.16918	0.11328	0.20021	0.2532	0.07212	0.19204	-0.18905	-0.20188	-0.12574	-0.15094	-0.16665	-0.31592
PFF1390w	0.02731	0.19218	0.09199	0.5807	0.7177	0.58302	0.60879	0.8755	0.81757	0.96278	0.89705	0.88266	0.35901	0.21031	0.03534	-0.02639	-0.18754	0.1071	-0.17871	-0.14873	-0.21935	-0.36635	-0.29327	-0.0903
PFC1065w	0.20174	0.61146	0.82631	1.07096	1.03457	1.10744	0.80249	0.71576	0.49881	0.59809	0.39831	0.27041	0.24739	0.18115	0.0876	-0.16754	-0.31559	-0.52887	-0.49758	-0.25799	-0.31201	-0.02272	0.16159	0.14238
MAL13P1.24	0.43635	-0.04347	-0.03185	0.19958	0.18831	0.12333	0.07693	0.652	0.43227	0.19879	0.3058	0.1889	-0.08214	-0.25509	-0.05341	0.00391	-0.49784	0.08317	0.7981	0.368	0.4255	0.27912	0.42855	0.60286
PFI0150c	0.03944	0.0992	-0.0049	0.35909	0.66033	0.73391	0.86237	1.104	0.56909	0.48842	0.66399	0.31265	-0.00725	-0.17348	-0.297	-0.32219	-0.47429	-0.77927	-0.37436	-0.75454	-0.67649	-0.72557	-0.5954	-0.12435
PF14 0509	-0.31426	0.01213	0.65068	0.39576	0.60332	1.04016	1.193	1.35804	1.60257	1.52691	1.40618	1.24499	0.76134	0.47427	-0.03696	-0.24841	-0.51522	-0.27194	-0.69086	-0.60178	-0.51517	-0.29016	-0.32335	-0.1691
PFD0395c	1.58345	1.23846	0.49618	0.36915	0.02088	-0.21082	-0.54332	-0.77028	-1.32111	-1.62533	-1.58261	-1.73044	-2.09997	-2.10958	-1.69982	-1.88546	-1.51291	-0.62496	1.67858	1.14323	1.2775	1.46788	1.69412	1.75076
PF14 0250	1.24532	1.48704	1.61186	1.50584	1.59368	0.8344	1.19906	1.50723	0.25029	-0.37977	-0.3582	-1.03449	-1.3248	-1.26123	-2.24802	-2.25883	-1.75924	-2.34899	-1.49249	-0.28457	0.14505	0.45737	0.61346	1.2437
PFB0970c	1.34757	0.95858	1.06928	0.95153	0.36378	0.5265	0.1692	-0.50174	-1.023	-1.58082	-2.11128	-2.65592	-2.66132	-2.95977	-2.77159	-3.19069	-3.21571	-2.57255	-0.21773	0.96287	1.14166	1.04793	1.63667	1.47975
PF10 0154	-0.9725	-1.728	-1.73843	-1.61729	-1.44979	-1.87809	-1.67612	-1.80488	-1.3659	-0.61177	0.18789	0.61503	0.73747	0.83612	0.6966	0.7415	0.39183	0.58093	0.25354	-0.04523	-0.46713	-0.77197	-0.77684	-0.9738
PFB0840w	-1.09053	-1.15952	-1.26883	-1.39901	-1.49783	-1.65676	-1.5107	-1.21898	-0.77052	-0.14376	0.68431	0.90882	0.9345	0.84162	1.06364	0.7975	0.24934	0.29808	0.21036	-0.33753	-0.73157	-0.90914	-1.08727	-1.0334
PF08 0001	0.57332	0.61092	0.56991	0.31002	0.11613	0.21971	0.71132	0.95592	0.81399	0.54851	0.49358	0.22373	-0.06101	-0.38395	-0.48288	-0.8179	-0.65063	-0.32249	0.26926	0.18388	0.54481	0.4606	0.44166	0.56084
PF14 0042	0.44049	0.867	0.81545	1.11252	0.8475	0.74492	0.46398	0.98223	0.6358	0.51377	0.46907	0.33614	0.33177	0.19188	0.14482	-0.1259	0.0114	-0.39248	-0.2095	-0.07218	-0.0096	0.07271	0.26474	0.4056
MAL7P1.158	0.35797	0.47008	0.25183	0.36983	0.68654	0.30774	0.06609	0.1933	-0.23479	0.03962	0.14905	-0.00477	0.12538	-0.02683	0.20341	0.2443	0.10205	0.1837	0.18671	-0.1531	-0.07237	0.22986	-0.00391	0.20538
PF10 0363	-0.57676	-1.11439	-1.12113	-0.97625	-0.48882	0.06148	0.41702	0.62719	0.84937	1.22227	1.1831	1.14035	0.83808	0.7216	-0.23716	-0.37929	-0.13949	-0.24465	-0.32035	-0.43378	-0.32424	-0.15596		
PF13 0090	0.61044	0.01314	-0.21602	-0.18562	-0.18051	-0.60742	-0.57944	-0.6236	-0.9122	-1.15735	-1.33891	-1.59312	-1.73083	-1.93643	-1.95617	-1.6288	-0.74624	-0.52996	1.8701	1.21201	1.22666	0.77958	1.25196	1.67837
PFL2010c	0.72612	0.8918	0.73258	0.90195	0.84182	0.84035	0.89298	0.83086	1.15656	1.06276	0.85739	0.63826	0.2587	0.0027	-0.23235	-0.59132	-0.64389	-0.76967	-0.57343	-0.47109	-0.13841	0.12633	0.32581	0.5482
PFI0135c	-1.23043	-1.19571	-1.71021	-1.65071	-1.51986	-1.50711	-1.32623	-1.53345	-1.01209	-0.71677	-0.30963	0.13611	0.82942	1.03213	1.08139	0.88519	0.47472	0.42963	0.23369	-0.26869	-0.72931	-1.05609	-1.53528	-1.64186
PF14 0677	0.42111	0.71847	0.85827	1.22192	1.19251	1.43965	1.3495	1.44731	1.54424	1.32843	1.22281	0.92911	0.62152	0.10373	-0.06457	-0.35971	-0.70511	-0.8245	-1.00424	-1.08104	-0.98319	-0.53597	-0.48344	0.03205
PFC0080c	1.31339	1.15101	1.25908	1.41016	1.44802	1.48467	1.31606	1.42004	1.44353	1.0963	0.72924	0.18786	-0.44299	-1.07131	-1.61384	-2.11025	-2.18736	-2.08972	-1.73775	-0.99881	-0.7211	0.21802	0.69025	0.71075
PFI0355c	-1.25501	-1.17332	-0.92608	-1.23374	-1.13171	-0.76464	-0.5929	-0.53581	-0.48086	-0.57693	-0.52278	-0.50092	-0.31229	-0.25792	0.19822	0.51682	0.67536	0.7852	0.04893	-0.06935	-0.18736	-0.48854	-0.82545	-1.

PF10_0197	0.46588	0.97331	0.35923	1.58967	1.44228	0.99245	1.00566	1.42936	1.50816	0.80701	0.91338	0.8221	0.6886	0.44248	0.18679	0.16323	-0.2308	-0.24303	0.18248	-0.70785	-0.61693	0.09846	0.1754	0.44426
PF11170c	1.2405	1.15546	0.63352	1.37969	1.53598	0.42859	-0.07401	0.19408	-1.04004	-0.69067	-0.49964	-0.97	-1.23329	-1.95171	-2.00712	-2.72171	-3.19647	-3.3571	-1.30239	-0.07936	0.64098	0.45572	1.61339	1.84336
PF14_0218	-0.46443	0.18998	0.43503	0.40737	0.43732	0.4554	0.56412	0.07243	0.39556	0.46732	0.58422	0.5201	0.56281	0.435	0.39908	0.13848	0.06404	-0.65774	-0.72295	-0.8949	-0.95324	-0.92081	-0.72191	-0.40715
PF11_0154	-0.60284	-0.29298	-0.73052	-0.36571	-0.40205	-0.30626	-0.32113	-0.04166	0.36048	0.44961	0.49973	0.58648	0.52511	0.44896	0.53692	0.46429	0.34854	0.40066	0.53317	0.29818	-0.04368	-0.21397	-0.20053	-0.33507
PF14_0397	-0.12769	-0.08741	-0.17599	-0.26563	-0.29834	-0.05065	0.06244	0.036	0.05257	0.14515	0.28003	0.33218	0.42082	0.32906	0.74525	0.81074	0.62028	0.76007	0.70968	0.46511	0.39022	-0.11951	-0.31031	-0.38741
PF14_0465	0.95568	1.04906	0.62534	1.02402	0.70694	0.92735	0.8379	1.01703	0.81409	0.56281	0.42347	0.20881	-0.44972	-0.4642	-0.38397	-0.58952	-0.2599	-0.3115	0.11899	0.02288	0.06181	0.15567	0.41922	0.45406
PF10_0095	0.76305	1.01469	1.0913	1.14323	1.05947	1.01759	0.87046	0.92355	0.78425	0.62382	0.64948	0.35889	0.29259	0.0575	-0.28891	-0.38192	-0.36005	-0.62397	-0.65892	-0.15919	0.31361	0.41976	0.59046	
PF11300w	-1.61528	-1.33849	-0.74882	-0.48476	0.0396	0.24128	0.05433	-0.19917	-0.30363	0.2534	0.42807	0.61935	0.72087	0.63511	0.51012	0.24284	-0.0556	-0.43063	-0.97103	-1.62553	-1.89205	-1.92439	-2.00085	-1.7008
PF14_0587	0.25918	0.60971	0.86791	0.85662	0.72999	0.71943	0.6663	0.65542	0.62515	0.69149	0.54199	0.52507	0.54258	0.29962	0.19817	-0.01825	-0.31058	-0.27757	-0.51505	-0.65846	-0.56915	0.04615	0.18953	0.33778
PF11_0243	0.57379	-0.04485	-0.28577	-0.37386	-0.35759	-0.58015	-0.81067	-0.94379	-1.23682	-1.12897	-0.97609	-0.83158	-0.72657	-0.35525	-0.12501	0.32799	0.35328	0.6291	1.07724	0.85722	0.8567	0.77182	0.68023	0.47045
PF10_API0025:t																								
RNA	0.20632	-0.22329	-0.65931	-0.69136	-0.7605	-0.72599	-0.7	-0.36053	-0.41871	-0.27635	-0.34044	-0.06574	-0.18749	0.02636	0.12303	0.64577	0.16242	0.79806	0.74607	0.49446	0.25793	0.50308	-0.04784	-0.087
PF14_0343	-0.20443	-0.63237	-0.87749	-0.88441	-0.97997	-1.33639	-1.52907	-1.57045	-1.93567	-1.96139	-2.03159	-2.12073	-2.2332	-1.95786	-0.85026	0.17026	0.93287	0.56244	0.66511	0.74575	1.04488	0.51008	0.27799	-0.02809
PF1485w	-0.34534	-0.64275	-0.22769	-0.17649	-0.15555	-0.09057	-0.05431	-0.1409	-0.27035	-0.04526	-0.10112	-0.02156	0.21892	0.25227	0.0499	0.43185	0.38432	-0.01249	0.47783	0.21042	0.02657	-0.13747	-0.0012	-0.30719
PFE0205w	0.54659	-0.04455	-0.48064	-0.45054	-0.59023	-0.82361	-0.58105	-0.3019	-0.01888	0.1278	0.12463	0.33986	0.29727	0.26902	0.25778	0.17499	0.00952	0.27919	0.91079	0.58089	0.73232	0.57568	0.66103	0.80133
PF101045c	-0.12866	0.03888	0.5146	0.44809	0.4364	0.55185	0.49267	0.07507	0.48607	0.62233	0.39206	0.32663	0.32608	0.36347	-0.17625	-0.36424	-0.1083	-0.21438	-0.48825	-0.07048	-0.08	0.10836	0.06563	-0.01117
PF10_0215	-1.31861	-1.82708	-1.43914	-1.65507	-1.4481	-1.17394	-0.834	-0.51281	-0.0633	0.27701	0.70077	0.74387	0.96925	0.97041	0.89585	0.69459	0.30821	0.1291	-0.20349	-0.28619	-0.8666	-0.8369	-0.90075	-1.19459
PF13_0141	-2.49524	-1.54559	-1.05288	-0.7674	-0.55081	-0.34123	-0.29927	-0.57411	-0.63542	0.01798	0.6193	0.77015	0.83116	0.69067	0.22511	0.04253	-0.12283	-0.59611	-0.9109	-2.29056	-2.50497	-2.40851	-2.47913	-2.01344
PF11335w	0.85748	0.82488	0.73916	0.9169	1.14247	0.98944	0.95339	0.92004	0.4302	0.0635	-0.04949	-0.27725	-0.18026	-0.17705	-0.44836	-0.39059	-0.17412	0.12966	0.30455	0.77698	1.02141	1.36484	1.58985	1.60309
PFC0282w	0.31379	0.52447	0.72648	0.64253	0.71854	0.72651	0.53105	0.55445	0.32044	0.34819	0.68204	0.53398	0.52306	0.16904	0.30351	0.05281	-0.20126	-0.28022	-0.25747	-0.58561	-0.5704	-0.5231	-0.32051	0.01825
PF0745c	-1.13593	-1.0513	-0.94311	-0.74041	-0.65124	-0.49274	-0.45301	-0.20091	-0.35699	-0.10829	0.26364	0.35614	0.40163	0.30313	0.72862	0.38659	0.39299	0.24562	0.4867	-0.50819	-0.5558	-0.92197	-1.0428	-0.96762
PF10405c	-0.34691	-0.13234	0.02032	0.17689	0.29001	0.57201	0.69934	0.75276	0.72361	0.76179	0.6196	0.41745	0.30525	-0.05453	-0.04336	-0.10553	-0.0713	-0.084	0.05113	-0.13221	-0.19046	-0.18665	-0.20388	-0.04415
PFE1220w	0.3201	0.35444	0.26442	0.33022	0.22231	0.26618	0.10287	0.18007	0.09142	0.24454	0.52336	0.52305	0.2895	0.13881	0.31015	0.20273	-0.22804	0.12281	0.3165	-0.09745	-0.29551	-0.38797	-0.12522	0.04289
PF11_0097	-0.31816	-0.35362	-0.37368	-0.58379	-0.68348	-0.64393	-0.97978	-0.87422	-1.28359	-1.25452	-0.55403	-0.20755	0.1825	0.21994	0.75538	0.83137	0.43668	0.65854	0.72974	0.23924	0.01903	-0.30309	-0.43031	-0.46374
PF13_0310	0.43742	0.8971	0.77608	0.84491	0.78517	0.65934	0.74123	0.80455	0.92781	0.80992	0.66271	0.46403	0.38819	0.07066	-0.30799	-0.68402	-0.67142	-0.94965	-1.12514	-0.66927	-0.25738	0.17135	0.22409	0.2861
PF14_0532	0.26449	0.43276	0.70963	0.64804	0.922	0.90896	0.92584	0.90994	0.55146	0.52915	0.53089	0.37085	0.35621	0.25278	0.12094	0.07099	0.00685	0.05367	0.13147	0.22339	0.29066	0.43611	0.53035	0.63367
PFC0910w	0.08441	-0.65735	-0.85844	-1.10654	-0.99278	-0.94312	-0.21822	0.44664	0.11217	-0.28467	-0.36781	-0.57205	-0.78069	-0.82428	-0.69063	-0.30918	-0.05239	0.00815	1.46387	0.86532	0.7626	0.3428	0.48905	0.50483
PF11_0518	-0.91439	-0.85458	-1.13851	-0.59354	-0.77468	-0.89806	-0.97611	-1.02882	-1.12921	-1.11559	-0.79781	-1.08546	-1.04528	-1.16806	-1.28624	-1.01645	-1.41364	-1.21249	-1.27307	-1.21125	-1.28492	-1.5483	-1.22985	-1.17033
PF08_0130	0.61828	0.91077	0.91362	0.92189	0.90635	0.91709	0.94788	1.05162	1.21399	1.01097	0.65519	0.39623	-0.07332	-0.43992	-0.64833	-0.40283	-0.94652	-0.64044	-0.54808	-0.23104	-0.17872	0.17281	0.43237	
PF10602w	0.01931	0.26424	0.31277	-0.41474	-0.71197	-0.65908	-0.5292	-0.46578	-0.10246	-0.05407	-0.00764	0.16288	0.08867	0.01271	0.05955	0.37074	0.1605	0.85445	0.77649	0.78832	0.36176	0.13598	0.13704	-0.12656
PF11_0131	-0.24851	-0.36845	-0.40451	-0.50925	-0.65477	-0.69068	-0.77893	-0.78068	-0.79438	-0.42828	-0.07349	0.20008	0.60408	0.58256	0.65434	0.48099	0.50188	0.46986	0.35143	0.14524	0.17008	0.0693	-0.00879	-0.09358
PF11275c	0.11336	0.45252	-0.05032	0.30445	0.16275	0.1151	0.22591	-0.23904	-0.09082	-0.00925	0.02289	0.29938	0.56547	0.53377	0.48407	0.50143	0.55263	0.72073	0.82134	0.34467	0.61989	0.36378	0.09596	0.02278
PFE0070w	1.48016	1.87107	1.80632	1.69394	1.56116	1.20235	0.99085	1.00585	-0.21138	-0.74072	-1.72698	-2.02126	-2.14506	-2.00241	-1.90846	-1.75252	-1.43238	-1.55187	-1.81006	-0.54383	0.24083	1.04512	1.16021	1.26543
PF10340c	-0.18109	-0.3452	-0.19514	-0.26882	-0.11889	-0.21814	-0.21784	-0.06922	0.25466	0.60294	0.83	0.48508	0.7885	0.63757	0.42114	0.25827	0.15759	0.01444	-0.12862	-0.18496	-0.02769	-0.12661	-0.10614	-0.05121
PF10_0163	1.79766	1.62101	0.79466	0.44561	0.24396	-0.29661	-0.65798	-1.07186	-1.84638	-2.25113	-2.70925	-2.89812	-2.97522	-3.24785	-3.45424	-3.23151	-3.02094	-2.22472	-0.15936	0.83902	0.85019	0.86367	1.10339	1.19364
PF0915w	-0.43885	-0.6504	-1.00719	-1.32797	-1.56287	-1.71096	-1.69325	-1.70438	-1.47769	-1.31453	-1.16077	-0.77335	-0.25836	0.13659	0.63634	0.84051	0.85749	0.90029	0.54881	0.4167	0.13343	-0.06664	-0.53861	-0.73984
PF13_0175	0.82518	1.0048	1.03172	1.2339	1.12139	1.3522	1.02018	1.18762	0.83017	0.33673	0.42453	0.13129	-0.0703	-0.40282	-0.45791	-0.62413	-0.92031	-0.6576	-0.42778	-0.45646	-0.12749	-0.02623	0.37654	0.74336
PF07_0126	0.68224	0.45716	0.43142	0.73062	0.6523	0.55273	0.26574	-0.02855	0.25856	0.47777	0.3352	0.3475	-0.05803	-0.31722	-0.99366	-1.5415	-1.37189	-1.16918	-0.2119	-0.03697	0.33522	0.53021	0.50206	0.65463
PF11_0049	-0.22548	-0.81185	-0.67999	-0.84148	-0.66623	-0.65419	-0.58255	-0.69266	-0.20721	-0.04457	-0.0822	0.09579	0.29133	0.6931	0.23507	0.20107	0.31229	0.13402	-0.59361	0.04259	-0.09203	0.14187	0.01447	-0.00217
PF13_0297	0.30134	0.63132	0.94298	0.63326	0.81599	0.78427	0.60571	0.48481	0.33071	0.30311	0.35737	0.52322	0.63979	0.3771	0.27046	0.00905	-0.12316	-0.22113	-0.05457	-0.52779	-0.54901	-0.10766	0.20865	0.42296
PFI0095c	0.36169	0.29509	0.5693	0.30036	0.15493	0.32053	0.5862	1.22054	1.80253	1.93286	1.71162	1.57184	0.8766	0.33236	-0.10714	-0.49493	-1.60555	-0.92534	-0.91939	-1.0275	-0.99318	-0.78484	-0.59446	-0.2988
MAL8P1.85	-0.64494	-0.43251	-0.60175	-0.38995	-0.50024	-0.42332	-0.5386	-0.53477	-0.5726	-0.4871	0.01906	0.05376	0											

MAL13P1.360	0.57118	0.33644	0.2387	0.55399	0.70673	0.5276	0.57801	0.79598	0.4679	0.34554	0.27407	0.39911	-0.31697	-0.45187	-0.81321	-0.64368	-0.88867	-0.17788	0.38365	0.48849	0.46504	0.45211	0.81535	0.94724
PF13_0289	0.29576	0.4597	1.13827	0.99659	1.20167	1.43373	1.38336	1.18606	0.80569	0.68222	0.31952	0.397	0.10937	0.13853	0.08791	0.06107	0.0122	0.15043	0.08644	0.29962	0.26833	0.29331	0.50073	0.51805
PFI1150w	-0.19731	-0.18445	-0.3532	0.07615	0.06348	0.16595	0.2353	0.39996	0.45515	0.62222	0.72443	0.64995	0.53442	0.29461	0.35436	0.2596	-0.0447	0.17245	0.49623	-0.07961	-0.05802	-0.07634	-0.19446	-0.07881
MAL7P1.122	-0.07011	-0.20549	0.14708	0.0088	-0.10624	0.15493	0.17618	0.32283	0.39445	0.53178	0.65347	0.88671	0.80454	0.58826	0.43946	0.0706	-0.49187	-0.62207	-0.49712	-0.77475	-0.74212	-0.51424	-0.30493	-0.17201
PFI0805w	-0.02828	0.09209	0.15853	0.2545	0.02134	0.28861	0.19136	-0.03288	0.10269	0.35001	0.08218	0.14333	0.15371	0.29762	-0.00512	-0.03782	-0.04633	0.04714	0.14754	0.32863	0.04225	0.25042	0.10048	0.49238
PF11_0390	0.90099	0.65669	0.3746	0.37801	0.4513	0.36027	0.21681	0.17199	0.16748	0.07916	0.09066	0.024	-0.08519	-0.09712	-0.08081	-0.04344	0.05959	0.13581	0.27167	0.41548	0.61166	0.51119	0.51793	0.62951
PF10_0299	0.30716	0.66598	0.77239	0.42817	0.52163	0.63203	0.59827	0.45871	0.57352	0.67421	0.73059	0.83047	0.79267	0.59059	0.36862	0.08972	-0.44356	-0.29199	-0.60411	-0.83795	-0.71262	-0.45987	-0.36226	-0.10669
PF14_0480	-0.06236	-0.28272	-0.08877	-0.43739	-0.52665	-0.57683	-0.63225	-0.67701	-0.85898	-0.62656	-0.83915	-0.74495	-0.32744	-0.16224	0.06141	0.38576	0.26906	0.40862	0.21482	0.67935	0.65824	0.17089	0.30804	0.01531
PF14_0060	-0.68424	-0.72519	-0.73843	-0.79411	-0.71324	-0.95784	-0.83368	-0.46226	-0.15804	0.2583	0.65339	0.82956	0.87866	0.88526	0.8245	0.48161	-0.04297	-0.15419	-0.02237	-0.32121	-0.47152	-0.8414	-0.82627	-0.5149
PFL2045w	-0.64332	-0.81875	-0.69181	-1.31899	-1.38879	-1.03115	-1.08727	-0.73696	-0.42783	-0.09854	0.00587	0.27815	0.46065	0.39993	0.67921	0.47373	0.57856	0.21375	-0.12717	-0.21437	-0.46783	-0.63226	-0.98364	
PFI1310w	-1.13816	-1.15303	-0.78171	-0.71877	-0.44509	-0.28567	-0.11952	0.14533	0.39867	0.58225	0.86216	0.94019	0.91235	0.64245	0.69661	0.33309	-0.11842	-0.02445	-0.22305	-0.75798	-1.12599	-1.34084	-1.46861	-1.42442
MAL8P1.47	0.72291	1.1765	0.74168	1.46116	1.37523	1.35052	1.16662	1.20482	0.92954	0.65526	0.48247	0.38227	0.22563	0.18607	0.16957	0.08164	0.26256	0.35346	0.51927	0.47176	0.4542	0.58133	0.7427	
PFE1140c	-0.09321	0.306	0.31978	0.37159	0.28731	0.37509	0.22151	0.207	0.19496	0.3364	0.52661	0.66806	0.6164	0.4076	0.47156	0.13837	-0.38079	-0.15316	-0.52842	-0.67267	-0.71812	-0.58109	-0.44003	-0.16106
MAL8P1.102	-0.88808	-0.81501	-0.55366	-0.41108	-0.38958	-0.13236	0.22397	0.2831	0.4991	0.71919	0.79599	1.09089	0.65818	0.56999	0.35755	0.14494	0.06085	-0.06779	-0.55083	-0.49068	-0.74544	-0.89839	-0.90787	-0.85011
PF13_0196	0.73781	0.33356	-0.06205	-0.07862	-0.27264	-0.35127	-0.39036	-0.38838	-0.13839	-0.37135	-1.39329	-0.82834	-1.12755	-1.18899	-0.82937	-0.28222	0.32031	0.55241	1.69549	1.64192	1.46124	0.95418	0.89679	0.18227
PF13_0282	-0.86759	-0.64869	-0.67182	-0.59061	-0.63253	-0.36733	-0.50183	-0.34613	-0.33999	-0.19621	0.27078	0.47512	0.52829	0.49245	0.87032	0.67221	0.00946	0.44376	0.21281	-0.50366	-0.81591	-1.03053	-1.11685	-1.05868
PF14_0636	0.16588	0.39671	0.54373	0.68868	0.5889	0.66871	0.48308	0.4765	0.23683	0.1368	0.29613	-0.23671	-0.22191	-0.63223	-0.79652	-0.9217	-0.83536	-0.65559	-0.1557	-0.18388	0.25065	0.58486	0.73374	1.04628
PF14_0737	-0.31546	0.05534	0.05757	0.21641	0.66372	1.0834	1.24912	1.38226	1.18191	0.9125	0.89872	0.57611	0.18169	0.08251	0.02499	0.07043	-0.35482	0.01927	0.19004	0.14898	0.08306	0.42152	0.43252	0.62023
FFF1580c	0.33944	0.40463	0.89813	0.67132	0.64856	1.18409	1.05888	0.76865	0.68654	0.42318	0.3893	0.36701	0.1886	0.40496	0.12743	0.14308	0.00579	-0.04638	0.10857	-0.0193	0.02181	0.1011	0.06829	0.47325
PF14_0170	0.16084	0.26434	0.22699	0.23128	0.1017	0.11321	0.20126	0.03085	0.22259	0.21031	-0.06402	0.02556	0.10776	0.27366	-0.12415	-0.25615	-0.01725	-0.24398	-0.85934	-0.24771	-0.08583	0.16261	0.06811	0.05089
MAL13P1.277	-0.12774	-0.21628	0.00356	0.68997	0.82903	1.30325	1.33202	1.33936	1.24271	0.63402	0.66025	0.55454	0.49436	0.02776	-0.02369	-0.04817	0.10102	-0.20772	0.80415	0.24738	0.18037	0.04422	0.27367	0.05587
PFB0687c	-0.03283	-0.32078	-0.41584	-0.38673	-0.35272	-0.20839	-0.26507	-0.15293	-0.32109	-0.2422	-0.05557	-0.14233	-0.27718	-0.44626	-0.00275	0.32885	0.34865	0.61314	0.60877	0.35632	0.21558	0.17032	0.04628	-0.24453
PF11_0250	0.47301	0.60224	0.62364	0.83248	0.68275	1.03354	0.85274	0.98716	1.00991	0.85883	0.86309	0.89852	0.69017	0.13354	0.10063	-0.44671	-0.77994	-0.87851	-0.30465	-0.87585	-0.32917	-0.13917	0.08242	0.41736
PFB0190c	-0.2838	-0.51597	-0.68379	-1.1805	-1.11248	-1.239	-1.4294	-1.49716	-1.72787	-1.64131	-1.90772	-1.75183	-1.57526	-0.86189	-0.01569	0.66913	0.71635	0.8811	0.48519	0.90373	0.70239	0.36859	-0.08119	-0.52643
PFD0115c	0.42397	0.41214	0.26278	-0.1197	-0.38582	-0.33762	-0.13556	0.23191	0.51899	0.6195	0.40761	0.30236	0.02989	-0.17256	-0.18437	-0.34525	-0.07982	-0.49853	-0.14589	-0.2099	0.11095	-0.13775	0.01517	-0.04819
PFL0620c	-0.42617	-0.1773	0.16204	0.40542	0.42316	0.33939	0.0582	-0.19051	-0.55688	-0.67499	-0.30833	0.01665	0.33185	0.41379	0.60703	0.59931	0.35599	0.06381	-0.20758	-0.44502	-0.68497	-0.6697	-0.50902	-0.28811
PF08_0020	-0.33733	-0.1204	-0.01049	0.10048	0.0335	0.03011	-0.14805	-0.14089	-0.41926	-0.15007	-0.02263	0.10436	0.25302	0.34328	0.4947	0.46355	0.33208	0.29103	0.10552	-0.10121	-0.29364	-0.44373	-0.46823	-0.40715
PFI10_0028	0.17582	0.53769	0.26576	0.13924	0.03033	-0.12399	-0.31234	-0.30903	-0.16805	0.05821	0.24981	0.30336	0.37374	0.21084	0.21346	-0.0694	-0.48207	-0.18839	-0.85375	-0.7439	-0.68732	-0.51966	-0.50607	-0.28308
PFI1350c	1.16023	1.12456	0.42148	0.51956	0.3961	0.09699	-0.11812	-0.05073	-0.38346	-0.36583	-0.33842	-0.32174	-0.43298	-0.56116	-0.30681	-0.16495	-0.31853	0.6899	1.07155	1.11693	0.95575	0.64201	0.71159	0.47863
PF14_0071	-0.06173	0.16028	0.0328	0.12602	0.15067	0.08021	0.0046	0.14116	0.04331	0.02746	0.47153	0.28056	0.18844	-0.0367	0.12193	0.11676	-0.09284	0.02547	0.27282	-0.23031	-0.21385	-0.1502	-0.11012	0.05486
PF13_0152	0.92953	0.76085	0.35465	0.86609	0.97075	0.45284	0.36457	0.50599	0.11663	-0.29709	-0.31253	-0.42911	-0.57799	-0.73133	-0.3319	0.10914	0.43356	0.50549	1.33213	1.15433	1.39931	0.47405	0.9268	0.80684
PF08_0080	-0.56242	-0.37412	-0.35806	-0.31413	-0.33042	-0.32242	-0.05582	0.01955	0.03091	0.25845	0.54126	0.62341	0.54868	0.5494	0.49089	0.48598	0.07287	0.14886	0.22959	-0.11743	-0.11616	-0.28531	-0.26582	-0.25137
MAL7P1.131	1.6735	1.18585	1.60019	1.12104	0.82179	0.62389	0.62662	0.78316	0.67232	0.64879	0.46592	0.55753	0.1431	-0.05339	0.06229	-0.11414	-0.34097	0.02435	0.26501	0.22872	0.34898	0.26314	0.37382	0.39164
PFD0710w	0.09719	-0.28898	-1.11122	-0.41835	-0.57892	-0.60482	-0.32732	-0.17385	-0.32553	-0.0501	-0.17467	-0.08709	-0.09244	-0.03267	0.01103	0.41166	0.22077	0.99378	0.86879	0.84728	0.57655	0.91228	0.68188	
PFI0910w	-0.64635	-0.67036	-0.4314	-0.37187	-0.13324	0.30784	0.40874	0.35724	0.35254	0.36727	0.54686	0.57087	0.5025	0.45478	0.46122	0.37722	0.24815	0.09608	0.0725	-0.17902	-0.41662	-0.5272	-0.592	-0.581
PFA0135w	1.68584	1.37261	1.19346	1.02421	0.85428	0.50675	0.19702	0.2105	-0.38762	-0.54367	-0.63344	-0.84218	-1.05727	-1.07461	-1.15947	-1.22498	-1.12713	-1.08059	0.38532	0.71871	1.19778	1.17586	1.48435	1.78173
PFI0920c	0.92021	0.78335	0.85014	1.57666	1.33629	1.5209	1.23206	1.60161	1.4896	1.15844	0.99326	0.80788	0.40883	0.16	-0.15126	-0.41171	-0.86164	-0.55602	-0.40284	-0.59183	-0.52994	0.16311	0.32874	0.49942
PFI0845w	0.53108	0.13744	-0.47441	-0.49228	-0.95788	-1.20396	-1.31959	-1.45829	-1.49529	-1.46968	-1.54551	-1.4437	-1.35064	-1.15505	-0.27337	0.44656	0.81443	0.78183	1.86079	1.33197	1.18226	0.62642	0.87076	0.37738
MAL13P1.162	-0.35844	-0.14684	-0.18225	-0.0626	-0.06555	-0.00029	0.07905	0.25133	0.41205	0.48619	0.58373	0.65978	0.48505	0.3081	0.33851	0.18159	0.04752	-0.20728	-0.00496	-0.16498	-0.19296	-0.14124	-0.27144	-0.24544
PFI1485c	0.32684	0.18518	0.17874	0.08567	0.08999	-0.24497	-0.35314	-0.41796	-0.58032	-0.7307	-0.88058	-0.97276	-1.17631	-0.93646	-0.87729	-0.51146	0.24424	0.16944	0.41511	0.65871	0.75927	0.60668	0.54619	0.42191
PF14_0545	-0.84852	-0.87243	-0.45251	-0.45772	-0.24762	-0.19177	-0.33469	-0.3582	-0.4299	-0.26606	0.44867	0.65238	0.40889	0.42854	0.66216	0.68227	0.37185	0.26594	0.57979	0.24975	-0.42618	-0		

PF14 0066	0.46407	-0.4157	-0.33406	-0.01775	-0.04291	0.06128	-0.12257	0.47134	0.64924	0.61916	0.75468	0.6936	0.54908	0.34044	0.10894	0.05259	-0.10784	0.21858	0.41478	0.42677	0.52875	0.16713	0.34167	0.33021
PF08 0043	-0.07878	0.23933	0.52536	0.22738	0.14951	0.228	-0.10804	0.38918	-0.1114	0.01479	-0.00496	-0.01521	0.17144	-0.0242	0.37239	0.36235	0.05952	0.02283	0.2779	-0.30984	-0.27118	-0.25158	-0.09619	0.0331
PF07 0082	0.17753	0.37737	0.63489	0.37098	0.45101	0.4916	0.48098	0.66342	-0.22321	0.3172	0.11211	0.1991	0.35749	0.65745	0.4716	0.31328	0.17541	0.2125	-0.37974	-0.11593	-0.19065	-0.11462	-0.3079	-0.18814
PFC0680w	-0.21756	-0.18719	0.04034	-0.3412	-0.43115	-0.49869	-0.51596	-0.5026	-0.50656	-0.18604	0.07857	0.10241	0.31114	0.22032	0.12238	0.08267	0.12185	0.31243	0.24669	0.40247	0.71388	0.89574	0.79022	0.81278
PFL2015w	0.43575	0.68654	0.68435	0.66285	0.36378	0.39429	0.40535	0.17489	0.23588	0.04091	-0.04219	-0.07449	-0.00953	0.02803	0.15099	0.198	0.25842	0.14109	-0.06558	0.11445	0.29351	0.38982	0.35138	0.35499
PF11820w	0.13567	0.07719	-0.16725	0.35616	0.58085	0.66701	0.84168	1.08953	1.04212	0.84544	0.65814	0.37752	0.10078	0.21027	0.2581	0.2965	-0.10985	0.13309	0.2067	0.1176	0.05887	-0.08149	-0.33331	-0.08489
PFE1510c	-0.54957	-0.9542	-1.01908	-1.10582	-0.93934	-1.06915	-1.15292	-1.03655	-0.85445	-0.42991	0.05548	0.2826	0.52944	0.76361	0.62465	0.68442	0.28017	0.49734	0.33889	0.26747	-0.30681	-0.40458	-0.5155	-0.6676
PF14 0774	-0.00469	-0.44262	-0.55447	-0.72133	-0.64573	-0.85426	-0.91413	-0.8478	-1.28915	-1.23552	-0.86857	-0.99239	-0.75176	-0.61057	0.12346	0.55297	0.69281	0.45538	1.08212	0.40688	0.48929	0.48186	0.30037	0.00699
PF11 0442	1.04805	0.31076	-0.10043	-0.62967	-0.75022	-1.21129	-1.56118	-1.82536	-2.40282	-2.83917	-2.99723	-3.21009	-3.15858	-3.22864	-3.15848	-2.48819	-1.1652	-0.09551	1.06441	1.33364	1.57313	1.35657	1.45989	1.55376
PFD0940w	-0.20015	-0.78389	-0.91098	-1.3257	-1.2397	-0.97066	-1.47134	-1.73408	-1.80252	-1.86311	-1.89097	-1.39998	-1.00997	-0.18562	0.34034	0.90036	1.20321	1.04001	0.80925	1.14637	0.82374	0.42064	-0.15933	-0.71316
PFL0675c	0.75362	0.79729	0.6767	0.92611	1.04792	0.93614	0.83358	0.88084	0.4879	0.26423	0.26312	0.08869	-0.06249	-0.27859	-0.52059	-0.74844	-0.90385	-1.16719	-1.03352	-0.54985	-0.17275	-0.00802	0.37711	0.73714
PFF1095w	-0.56677	-0.11391	0.25221	0.45951	0.55359	0.60258	0.61193	0.59538	0.55722	0.63543	0.69945	0.72096	0.69759	0.53651	0.32478	-0.03435	-0.31098	-0.65485	-1.02058	-1.20581	-1.21608	-0.92671	-0.8516	-0.74735
PF11 0454	0.15904	0.47366	0.38723	0.69994	0.75508	0.92047	0.75399	1.39451	1.18843	0.94166	1.27927	1.04282	0.77505	0.55118	0.44947	0.37207	-0.75725	-0.00054	-0.02495	-0.40887	-0.44254	-0.37236	-0.20087	-0.1172
PF10740c	-0.46405	-0.13627	0.14001	-0.0062	-0.05609	0.16896	0.08865	0.01065	-0.20737	0.03898	0.54222	0.55847	0.54934	0.44645	0.62371	0.44153	-0.13977	-0.22349	-0.08983	-0.8485	-1.00159	-0.75475	-0.7821	-0.58172
PFL0280c	-2.28366	-2.14847	-1.84096	-2.31596	-2.22861	-2.12371	-1.47065	-0.82904	-0.23209	0.2508	0.51446	0.79866	0.93931	0.94049	0.73473	0.36318	-0.19758	-0.36871	-0.8484	-1.24237	-1.55449	-1.54129	-1.62381	-1.76138
PFF0725w	0.73053	1.18709	1.29749	0.96532	1.08055	1.15258	0.94757	0.88128	0.5758	0.43444	0.63169	0.36791	0.35182	-0.04146	-0.03699	-0.19684	-0.25604	-0.68174	-0.40045	-0.56596	-0.27357	0.02969	0.16823	0.59384
PF11070c	0.80975	1.05564	1.08994	1.1589	1.24444	1.29234	1.19951	1.31439	1.28913	1.05967	1.10133	0.77893	0.55661	0.07815	-0.01473	-0.35363	-0.96814	-0.77015	-0.70059	-0.77837	-0.3693	-0.01687	0.3013	0.62856
PF13 0335	-0.52176	-0.19998	0.20537	0.03731	0.04894	0.13642	0.09615	0.05087	0.0548	0.1204	0.30769	0.26749	0.39741	0.36949	0.53023	0.31623	0.32267	0.01402	-0.12943	-0.33949	-0.27006	-0.50349	-0.41057	-0.3401
PF14 0328	-0.82238	-0.67949	-0.36799	0.06253	0.05971	0.62895	0.85707	1.22468	1.25386	1.50727	1.66315	1.65027	1.21996	0.66694	0.29432	0.10498	-0.51193	-0.4469	-0.12889	-0.55665	-0.40821	-0.22152	-0.19665	-0.3344
PF14 0154	-0.86852	-1.02804	-0.39981	-0.54931	0.0469	0.47261	0.62942	0.76523	0.49798	0.5423	0.54388	0.58159	0.62005	0.70681	0.58398	0.49014	0.42268	0.20773	0.15163	-0.00658	-0.33497	-0.42884	-0.56983	-0.69031
PFC0135c	-0.46709	-0.47991	-0.35217	-0.12737	0.04423	0.07824	-0.04361	-0.26233	-0.18995	0.00575	0.28035	0.44246	0.51465	0.62033	0.37526	0.20848	-0.06246	-0.02993	-0.25545	-0.43621	-0.66534	-0.68969	-0.61353	-0.66792
PFE0795c	-0.72845	-1.04688	-0.88927	-0.69339	-0.62403	-0.33887	-0.17943	-0.18777	0.13884	0.3279	0.51763	0.66546	0.38804	0.24216	0.23986	0.32238	0.3104	0.00761	0.8426	0.27678	0.01982	-0.36458	-0.19796	-0.33425
PFL0670c	-0.36656	0.02404	0.31052	0.54198	0.57821	0.59595	0.4009	0.54634	0.64956	0.74987	0.77788	0.94342	0.87954	0.4921	0.32153	0.01567	-0.57146	-0.70355	-0.87763	-1.09405	-1.058	-1.02392	-0.63172	-0.47564
PFE1080w	-0.91173	-0.62991	-0.16602	-0.30138	-0.18738	0.33394	0.50154	0.65171	0.69224	0.78023	0.80235	0.8104	0.80684	0.68084	0.61293	0.3783	0.20514	-0.03185	-0.25911	-0.56269	-0.85441	-0.81775	-0.81284	-0.65077
PF14 0730	-3.40916	-1.84127	-1.53579	-1.30331	0.09808	1.33593	2.21	2.6082	2.07732	1.12777	0.97771	0.38007	-0.60602	-1.78511	-0.00307	-1.51917	-2.86467	-2.56859	-2.60328	-3.39646	-3.42328	-2.68724	-2.9231	-2.53992
PF11190w	-0.29359	-0.04567	-0.03056	0.25753	0.51572	0.49342	0.46724	0.71328	0.70899	0.76897	0.74431	0.63096	0.52887	0.50937	0.37115	0.14036	0.03176	-0.11859	-0.11334	-0.12736	-0.25901	-0.39047	-0.28902	-0.10804
MAL13P1.49	0.19443	-0.16254	-0.41646	-1.04257	-1.32851	-1.40168	-1.87415	-2.06938	-2.73921	-3.40215	-3.23219	-3.3983	-3.60306	-3.02788	-1.6703	-0.11935	0.64858	0.42049	1.64512	0.94989	1.00142	0.69898	0.64065	0.28956
PF13 0160	-0.60836	-0.93282	-0.69535	-1.59341	-1.90263	-2.19458	-2.3699	-2.3162	-2.02637	-1.66585	-1.25105	-0.75186	-0.42349	-0.35395	0.3333	0.69336	0.56282	0.95476	0.87907	0.61631	0.35275	-0.16319	-0.35163	-0.6122
PF11 0145	-0.23057	-0.09219	0.35503	0.81918	0.95651	1.33052	1.25541	1.17318	1.14604	0.9862	0.91332	0.96509	0.93374	0.69041	0.51487	0.29574	-0.05771	-0.09915	-0.23136	-0.45107	-0.78076	-0.69198	-0.61861	-0.42743
PFF1385c	0.13098	0.45305	0.63447	0.60122	0.75396	0.85352	0.80838	0.7989	0.80511	0.67154	0.54483	0.51429	0.35347	0.19239	0.06374	-0.02967	-0.18327	-0.24209	-0.09237	-0.41058	-0.47053	-0.19845	-0.04714	0.11662
PFL2210w	0.25738	0.28828	0.45419	0.75066	1.07125	0.88126	0.68643	0.58105	0.32622	0.39347	0.65005	0.46212	0.56869	0.44652	0.19544	0.12742	0.14627	0.18444	0.20991	0.1938	0.32542	0.14119	0.43869	0.77767
PF11 0192	0.62421	0.66201	0.5253	0.70803	0.63441	0.59934	0.47951	0.46197	0.48817	0.30192	0.39142	0.17321	0.16866	-0.15583	-0.22951	-0.42458	-0.4193	-0.31171	-0.08094	0.07212	0.34402	0.22768	0.48653	0.7156
PF14 0027	-0.29232	0.22075	0.42674	0.71405	0.55179	0.85604	0.81147	1.02111	0.95266	0.90511	1.04741	1.0083	0.76613	0.4132	0.32028	1.2619	-0.91405	-0.83764	-0.91682	-1.36356	-1.42195	-1.10463	-0.8137	-0.58197
PFL1225c	0.83115	1.3813	1.04755	0.93047	1.10365	0.97667	0.79342	1.04609	0.9489	0.86052	0.63211	0.33261	0.02395	-0.49326	-0.54864	-0.84367	-0.91446	-0.84043	-0.49665	-0.29672	0.09636	0.33883	0.56668	0.80774
PF11 0428	-0.81672	-0.45093	-0.1825	-0.13804	-0.16529	0.33905	0.23227	0.51085	0.68298	0.79842	0.73704	1.25309	0.85952	0.6737	0.53097	0.34848	0.03066	-0.02325	-0.12051	-0.65131	-0.77435	-0.90525	-0.97413	-0.90539
PF11 0361	-0.25877	-0.28397	-0.51484	-0.19864	-0.36461	-0.37756	-0.44929	-0.2959	-0.17931	0.07356	0.54843	0.60128	0.69231	0.60708	0.62128	0.54327	0.44756	0.19909	0.22597	-0.05352	-0.1445	-0.19674	-0.40555	-0.15011
MAL13P1.196	0.0383	-0.07723	-0.35443	-0.35902	-0.45767	-0.62669	-0.90179	-0.76445	-0.60255	-0.14205	0.04744	0.27484	0.51836	0.69806	0.6677	0.72294	0.53644	0.67522	0.53458	0.31853	0.20864	0.00368	-0.14389	-0.229
PF13 0278	-0.04949	0.75148	0.89726	1.13574	1.22366	1.28823	1.31275	1.07615	0.94658	0.77272	0.61379	0.42115	0.37772	0.3597	0.22576	0.08767	0.12701	-0.16105	-0.24732	-0.32987	-0.34984	-0.36965	-0.19966	0.13852
PF14 0719	-0.65998	-0.21975	0.19991	0.43547	0.65094	0.90713	1.05932	0.82253	0.57911	0.34162	0.35533	0.26659	0.14973	0.17005	0.20594	0.13543	-0.05194	-0.02812	-0.21029	-0.38171	-0.67135	-0.71353	-0.8937	-0.74411
PFD0900w	0.7504	0.23812	-0.20867	-0.878	-1.00598	-1.5687	-1.82497	-2.1335	-2.72279	-2.89519	-2.95285	-3.27523	-3.18021	-3.35929	-3.1982	-2.50376	-0.91781	0.03366	1.25736	1.37851	1.47636	1.23739	1.26512	1.22254
MAL7P1.18	-0.59341	-0.84033	-0.91804	-1.35183	-1.526	-1.57536	-1.62707	-1.8821	-1.93583	-2.35447	-2.70414	-2.78612	-2.10931	-0.91623	0.59982	1.05775	1.2952	1.23905	0.69522					

PFF1260c	-0.50295	-0.40013	-0.14232	0.57985	0.89086	1.02096	1.09374	1.19241	1.02777	1.10042	0.90971	0.81179	0.52383	0.547	0.09282	-0.03095	-0.26623	-0.42563	-0.63302	-0.5544	-0.73882	-0.75483	-0.66174	-0.55742
PFD0965w	-0.45957	-0.30074	0.39627	0.05869	0.08021	0.37904	0.45198	-0.18149	-0.36705	-0.41451	-0.77618	-0.76567	-0.38107	0.09973	0.10287	0.18591	0.5635	0.25204	-0.48409	0.00042	-0.14901	-0.15009	-0.3076	-0.34362
MAL8P1.143	-0.56508	0.27669	-0.72193	0.32607	0.0468	0.01499	-0.04892	-0.22098	-0.25773	-0.41457	-0.54983	-0.4384	-0.27477	-0.04869	0.13815	0.38585	0.76093	0.70292	-0.75753	0.66024	0.68822	0.52095	0.31635	0.03909
PF13_0268	-0.57451	0.20519	0.53535	0.35667	0.52502	0.46417	0.31881	0.42818	0.56869	0.57054	0.70326	0.65215	0.31948	0.24369	0.04581	-0.1318	-0.90417	-0.70688	-1.30054	-1.51315	-1.50918	-1.23663	-1.02847	-0.75692
PFB0660w	0.64548	0.92932	1.19257	1.26456	1.19856	1.27438	1.2781	1.27446	1.01954	0.8664	0.92101	0.97028	0.32658	0.12662	0.0371	-0.02626	-0.28997	-0.40696	-0.23682	-0.30596	-0.24244	-0.17295	0.08826	0.37884
PFI0890c	-0.25006	-0.28071	-0.39336	-0.30151	-0.27664	-0.35059	-0.44265	-0.19334	-0.11999	-0.00949	0.14255	0.16887	0.35529	0.32323	0.58398	0.67529	0.25391	0.66933	0.61584	0.20351	-0.07405	-0.32169	-0.5193	-0.39133
PFI0745w	-0.16325	0.28347	0.36012	0.3502	0.61781	0.69747	0.71765	0.55575	0.57567	0.5839	0.86086	0.6617	0.49438	0.37407	0.20047	-0.01919	0.06376	-0.0969	-0.10675	-0.40423	-0.21477	-0.03597	0.0488	
PFB0685c	-0.32967	-0.12145	-0.01961	0.07412	0.39575	0.35889	0.48391	0.42236	0.49973	0.33973	0.2102	0.02459	0.2861	0.35656	0.06597	0.01265	-0.1876	0.05177	-0.45703	0.01807	0.02272	0.37609	0.36379	0.3843
MAL8P1.55	-0.5183	-0.93763	-0.60411	-0.90132	-0.82408	-0.95386	-1.01312	-0.85509	-0.18743	0.28112	0.53517	0.7137	0.81319	0.80793	0.53305	0.42201	0.65834	0.20523	-0.05371	-0.05686	-0.17043	-0.24639	-0.45329	-0.92655
PFB0177c	-0.52759	-0.37421	-0.61963	-0.53985	-0.29443	-0.42579	-0.47612	-0.29565	-0.36252	0.17312	0.42247	0.36528	0.56829	0.57798	0.55481	0.49316	0.39751	0.36921	0.29977	0.10358	0.04437	-0.02416	0.06799	0.17025
PF14_0561	0.79963	1.10094	1.29837	1.67397	1.65274	1.59749	1.56185	1.46478	1.2778	1.1608	0.88966	0.74926	0.5656	0.3783	0.18629	-0.1413	-0.21221	-0.54038	-0.62089	-0.58596	-0.4111	0.10174	0.34328	0.61887
PFF1235w	0.66805	0.5106	0.22516	0.59536	0.86706	0.32778	0.29923	0.92985	0.628	0.64486	0.44324	0.32678	-0.60645	-0.73082	-0.57902	-0.4689	-0.04225	0.30976	0.3213	0.71021	0.41666	0.72574	0.85455	0.99506
PF11_0342	-1.07749	-1.19613	-1.03896	-1.52968	-1.63518	-1.80458	-1.80799	-1.91483	-1.58154	-0.97115	-0.64458	-0.04664	0.46707	0.79305	0.91715	0.75951	0.94431	0.61172	-0.2128	-0.01359	-0.06061	-0.39532	-0.67307	-1.09984
PFE0660c	-2.23009	-2.22994	-1.69756	-1.992	-2.04763	-1.84056	-1.66161	-0.96736	-0.31812	0.86382	1.62482	1.63953	1.16558	0.97521	0.5342	0.25595	-0.30262	-0.63624	-1.56731	-2.45368	-2.7965	-2.75955	-0.3336	-2.51703
PFI1195c	0.64732	0.18793	-0.32384	-0.14152	-0.03556	-0.45898	-0.66675	-0.63059	-0.65093	-0.44759	-0.36451	-0.08149	0.00231	0.04238	0.28254	0.34406	0.09649	0.59861	0.97039	0.75167	0.82734	0.23717	0.43755	0.71142
PF13_0350	0.36987	0.30865	0.07997	0.00918	-0.06333	-0.37367	-0.10715	0.02677	0.03298	0.02695	-0.04775	0.02308	-0.04695	-0.15599	-0.14366	-0.38528	-0.52107	-0.20635	-0.1677	0.07447	0.13915	0.30859	0.27327	0.41989
PFF0885w	-1.1434	-0.37942	-0.05822	0.02456	-0.08985	0.29003	0.08512	0.27081	0.32352	0.27626	0.52492	0.33838	0.49457	0.1346	0.37151	0.11859	-0.6126	-0.63361	-0.96529	-1.80128	-1.94639	-1.27861	-1.20293	-1.22893
PF10_0223	1.46271	0.67162	0.09473	-0.2846	-0.55894	-0.9646	-1.19824	-1.32732	-1.92691	-2.11887	-2.01295	-2.39129	-2.28663	-2.34313	-1.85868	-1.39963	-0.75025	-0.26507	0.10907	0.9725	0.95583	1.13379	1.07355	1.18561
PFI0775w	0.00948	0.27377	0.15265	0.18987	0.28334	0.0902	0.17272	0.22102	-0.21179	-0.16596	-0.22784	-0.23054	-0.46957	-0.49658	-0.22815	-0.04954	0.03796	0.46658	0.50321	0.76411	0.95212	0.92461	1.14425	1.21265
PFI0475w	-0.06166	0.23046	0.32626	0.19449	0.45329	0.48825	0.43641	0.5494	0.43417	0.25	0.63665	0.44274	0.34775	-0.04472	-0.01242	-0.16264	-0.34619	-0.63158	-0.42782	-0.85419	-0.53484	-0.58539	-0.43311	0.03356
PF13_0069	1.19909	1.46967	0.98701	1.37383	0.62951	0.24706	-0.37798	0.06964	-0.62989	-0.4266	-0.04064	0.37372	0.3734	0.41812	-0.63775	-1.01226	-1.11877	-1.12246	-0.32713	-0.2369	-0.03652	-0.16846	0.41691	
PF14_0205	-0.66121	-0.24905	0.26064	0.50936	0.49684	0.68769	0.44421	0.84613	0.10493	0.77124	0.89526	0.85331	0.738	0.34296	0.1206	0.01346	-0.64542	-0.65786	-1.06068	-1.59973	-1.7093	-1.116	-1.10565	-0.90372
PF14_0303	0.31202	-0.00273	-0.4013	-0.57734	-0.91915	-1.18306	-1.38184	-1.57579	-1.82719	-2.06568	-2.2253	-2.23456	-1.94621	-1.20201	-0.2944	0.45659	0.8891	1.10687	0.78686	1.30555	1.20269	0.7135	0.47577	-0.1736
PF10_0064	-0.80976	-0.70251	-0.84818	-0.51879	-0.83336	-0.41084	-0.03076	0.42602	0.71305	0.7269	1.04439	1.03584	0.97244	0.71599	0.46599	0.23548	0.18062	0.05493	-0.2426	-0.49261	-0.56342	-0.55562	-0.57291	-0.36157
PFI0630w	-0.68562	-0.27754	-0.3793	-0.17171	-0.19522	-0.13351	-0.16575	0.04626	-0.06666	0.03627	0.20533	0.26834	0.2151	0.27187	0.52014	0.62412	0.162	0.08611	-0.04525	-0.40681	-0.51526	-0.63806	-0.75313	-0.88352
MAL3_tRNA Ile1	0.90611	1.32622	1.09621	0.99116	0.88231	0.76108	0.76632	1.75662	1.21763	0.88465	1.04023	1.13479	-0.00262	-0.23626	-0.87076	-0.30983	-1.08719	-0.01289	-0.1607	-0.28526	-0.90888	0.40947	-0.6296	-0.58746
PFB0935w	0.12387	-0.52778	-1.06786	-1.20777	-1.41191	-1.72748	-2.05675	-2.16175	-2.19063	-2.08931	-2.10921	-2.07341	-2.15248	-1.90981	-0.70497	0.53328	1.3111	1.02284	1.14212	1.08314	0.98257	0.81879	0.53386	-0.15789
PFC10_API0034	-0.54303	-1.13886	-1.24554	-1.20827	-0.5369	-0.82854	-1.64427	-0.54814	-1.24988	-0.62485	-0.62542	-0.68056	-0.45769	0.10828	0.36651	0.93323	0.98688	1.06284	0.2854	0.50079	0.47588	1.16923	0.12846	-0.1223
PFL1540c	-0.6515	-0.77491	-0.79004	-0.96955	-1.07252	-0.87447	-0.42425	0.07679	0.34842	0.36121	0.21928	0.42558	0.48923	0.62956	0.60971	0.5397	0.23881	0.43591	0.15314	0.05904	-0.26753	-0.55184	-0.56475	-0.62703
PF14_0578	0.17964	-0.34291	-0.85859	-1.28997	-1.48784	-1.96112	-2.11618	-2.2957	-2.74789	-3.05999	-2.79624	-2.8214	-2.67729	-2.59105	-1.817	-1.09442	-0.30622	-0.04855	1.3674	1.09302	0.94698	0.4238	0.87765	0.99878
PFC0970w	0.61124	0.66099	0.7296	0.71867	0.70784	0.4184	0.35772	0.25149	0.29479	0.15787	-0.00778	-0.08515	-0.02443	0.14746	0.17903	0.06564	0.25018	-0.15615	-0.1277	-0.03253	0.01603	0.15324	0.25236	0.34838
PF07_0023	-0.67975	-0.86991	-0.95607	-1.35186	-1.46947	-1.57621	-1.67478	-1.59752	-1.31315	-0.78695	-0.10312	0.32588	0.62792	0.70784	1.0807	1.1027	0.56033	0.63379	0.7724	0.24873	0.24838	-0.20813	-0.42158	-0.79033
PF13_0054	-1.30443	-1.31118	-0.99378	-1.15338	-1.19686	-0.93863	-0.69328	0.11956	0.50648	0.80081	1.2006	1.19719	1.11706	0.80687	0.55343	0.22589	0.10067	-0.38344	-0.54341	-0.88746	-0.88763	-0.93723	-1.04999	-0.92442
PFI11_0116	0.72845	0.69444	0.87655	0.88329	0.93507	1.15088	1.18476	1.19684	1.17681	0.9919	0.99096	0.80347	0.56118	0.27536	0.07022	-0.14138	-0.16553	-0.36528	-0.27325	-0.40683	-0.26797	0.03773	0.23939	0.35201
PFF0200c	-0.83529	-1.14159	-1.08688	-1.72905	-2.18606	-2.26875	-2.64765	-3.07582	-3.17757	-3.41212	-3.64334	-3.61866	-2.81622	-1.66401	0.18856	1.06163	1.37285	1.16593	0.67655	0.81073	0.84159	0.43294	-0.15992	-0.91611
PF11_0397	0.33457	0.64782	0.36832	0.64775	0.56639	0.53904	0.73929	0.33361	0.61092	0.43706	0.3262	0.65722	0.55912	0.50856	0.41276	0.17442	0.03628	-0.02865	-0.42581	-0.41911	-0.417	-0.4768	-0.34035	-0.05053
PFL1910c	0.59913	0.88938	1.1324	1.31336	1.58645	1.45206	1.23144	1.00888	0.73756	0.52123	0.55513	0.40037	0.37234	0.04696	-0.13885	-0.18965	-0.6242	0.0866	0.32348	0.21241	0.65932	0.64598	1.14675	1.32326
PF08_0053	1.27813	1.33925	0.99771	1.86895	1.7846	1.59969	1.66941	1.38604	1.02928	0.99365	0.71623	0.35806	0.08761	-0.28751	-0.37616	-1.07099	-0.67719	-0.45865	-0.52646	-0.07059	0.06514	0.61356	0.97148	
PF11_0331	-0.30954	0.14868	0.25826	0.33987	0.46247	0.54397	0.57656	0.81818	1.00437	0.91504	1.06208	1.10922	0.81816	0.33654	0.03409	-0.3626	-0.86959	-0.96966	-1.11339	-1.30099	-0.93229	-0.58512	-0.56424	-0.24533
PF14_0618	-0.56002	-0.6186	-1.16685	-0.70826	-0.80808	-0.82126	-0.84901	-1.0805	-0.84259	-0.31112	0.25494	0.26716	0.28189	0.42309	0.42813	0.56223	0.59723	0.41751	0.78895	0.48962	0.30637	-0.01061	-0.27879	-0.47964
PFL0895c	1.08054	1.18414	0.70348	1.03174	0.91723	0.54018	0.08739	0.00126	-0.47507	-0.69469	-0.64765	-0.87986	-0.90117	-1.20854	-1.3696	-1.07373	-1.50893	-0.29895	0.35649	0.55855	0.78175	0.96777	1.0232	

PFB0227c	0.08434	0.37696	0.47744	0.46672	0.49644	0.41764	0.58145	0.38891	0.43518	-0.15764	0.05975	0.26185	0.30302	0.34348	0.2053	0.05045	0.23943	0.23972	-0.20876	0.27411	0.4452	0.80181	0.72207	0.55264
PF11240c	-0.85517	-0.90708	-1.72456	-0.96245	-1.23426	-1.17146	-1.1158	-0.68215	-0.60001	-0.23649	-0.02867	0.10318	0.4896	0.5284	0.89533	0.86153	0.7304	0.66814	0.84733	0.2867	-0.03624	-0.21674	-0.3968	-0.7528
MAL8P1.131	-0.30413	0.1024	0.25908	0.39468	0.58502	0.74024	0.68152	0.86699	0.6281	0.56291	0.9499	0.80541	0.56603	0.2884	0.29335	0.18337	-0.24091	-0.29808	-0.16321	-0.66218	-0.90991	-0.83903	-0.71638	-0.33563
PFC0700c	0.749	0.06418	-0.21599	-0.54706	-0.8261	-1.34628	-1.4782	-1.82164	-2.35668	-2.36543	-2.49245	-2.50709	-2.48367	-2.53501	-2.42799	-2.35381	-1.58993	-0.88869	1.20736	0.76943	1.00991	0.92588	1.09729	1.27454
PF14 0655	-0.3287	-0.04231	0.12067	0.33156	0.04709	0.44103	0.31026	0.46444	0.75811	0.65873	0.79663	0.71782	0.52882	0.3865	0.44104	-0.04437	-0.6268	-0.93919	-1.09262	-1.49292	-1.25793	-1.05163	-0.78473	-0.63334
MAL13P1.261	0.09627	0.44914	0.77194	0.60236	0.48034	0.53445	0.46666	0.45907	0.27592	0.15147	0.17514	0.13359	0.172	0.24383	0.36614	0.24313	0.07561	0.18126	-0.52759	-0.29309	-0.17655	-0.39371	-0.29979	-0.2152
PF14 0198	-0.32679	0.21577	0.47456	0.44267	0.27864	0.5195	0.53374	0.67111	0.82415	0.90378	0.81281	0.86583	0.73667	0.43786	0.15539	-0.20205	-0.36533	-0.95305	-1.01316	-1.40573	-1.21899	-0.65507	-0.55359	-0.39642
PFL1175w	0.74606	0.96651	0.93315	1.09445	1.03926	0.97706	0.92035	1.02725	0.87239	0.73754	0.66183	0.34386	0.07511	-0.32466	-0.407	-0.73222	-0.78243	-0.9306	-0.8187	-0.79174	-0.3334	-0.02245	0.26281	0.63064
PFB0185w	-0.40728	-0.34121	-0.18894	-0.43956	-0.3702	-0.19312	0.04313	0.08602	0.71578	0.75037	0.66674	0.79085	0.70211	0.73551	0.54223	0.37273	0.41121	0.31552	-0.12158	0.01208	-0.24352	-0.28082	-0.32097	-0.42997
PF10 0188	-0.32923	-0.8158	-1.29633	-0.9516	-0.91773	-0.84581	-1.11273	-1.0729	-1.00729	-0.59331	-0.23451	-0.29216	0.13345	0.29746	0.50942	0.83028	0.86958	0.60928	0.87758	0.6141	0.33477	0.37777	0.14312	-0.21065
MAL7P1.172	0.88829	1.62048	1.67085	1.92807	1.78899	1.78106	1.44749	1.13899	0.77198	0.12346	-0.52817	-1.13522	-1.67136	-1.88199	-2.08869	-1.93815	-1.84981	-1.581	-1.10065	-0.77121	-0.18354	0.31781	0.57296	0.61524
MAL13P1.252	0.65926	1.0337	1.05984	1.49478	1.71107	1.56559	1.40458	1.61515	0.95312	0.58673	0.3974	0.14893	0.14484	-0.01381	-0.15117	-0.26069	-0.38465	-0.20703	-0.19219	-0.02618	0.57139	0.54499	0.62659	0.86997
PF14 0164	1.26319	0.83192	0.31048	0.32005	0.10566	-0.26888	-0.7414	-0.51261	-0.99004	-0.9285	-0.80875	-1.05907	-1.19789	-1.50809	-1.61493	-1.60608	-1.40948	-1.15114	0.49771	0.76361	0.73005	0.68418	0.83769	1.26789
PF11 0091	-0.40882	-1.07379	-1.16454	-1.32953	-1.36975	-0.68471	-0.03118	-0.21546	-0.59602	-0.48329	-0.98829	-1.38749	-1.71425	-1.88011	-1.77132	-0.55283	0.57628	0.21045	0.83883	0.79167	0.73742	0.52757	0.56141	-0.08498
PF13 0204	-0.48246	-0.07632	0.25587	0.2536	0.18787	0.44509	0.68128	0.86476	1.17009	1.12035	1.11542	1.01597	0.83699	0.32842	0.04343	-0.35961	-0.70704	-0.81862	-1.34708	-1.34809	-1.2414	-0.84781	-0.62219	-0.38497
PF11 0380	0.11178	0.3481	0.38596	0.51884	0.37927	0.47287	0.51094	0.40367	0.37546	0.07768	0.02454	0.4695	0.08333	0.14513	0.04526	0.21936	-0.18605	-0.36477	-0.08133	-0.40075	-0.44317	-0.23755	0.06071	-0.12484
PF11 0379	0.19518	-0.15701	-0.9318	-0.60211	-0.77021	-1.38222	-1.25341	-1.38802	-1.70434	-1.9929	-1.81492	-1.85005	-1.63239	-1.46378	-0.72281	0.11395	0.95918	0.48236	0.98172	1.10157	1.0957	1.06402	1.0203	0.70902
PF10 0337	0.27154	-0.38352	-0.92683	-0.94524	-1.11046	-1.45169	-1.73054	-1.83536	-2.0282	-1.62451	-1.25474	-1.03995	-0.86793	-0.70182	0.11615	0.57152	0.55668	0.95021	1.48964	1.20748	0.92772	0.42819	0.47319	-0.04474
PFB0610c	-0.22226	-0.06906	0.07903	0.29374	0.43715	0.66602	0.65632	0.57929	0.56472	0.60226	0.71784	0.70957	0.74469	0.42994	0.39119	0.26102	0.28566	-0.06666	0.18598	-0.17599	-0.28505	-0.22632	-0.17177	0.0353
PF14 0372	0.5408	0.25154	0.04494	-0.02632	0.10218	-0.21427	-0.17937	-0.42809	-0.41653	-0.30309	-0.5017	-0.41193	-0.49392	-0.12715	-0.38016	-0.43286	-0.24811	0.1812	0.32927	0.5892	0.41756	0.4385	0.43497	0.65806
PF11 0433	0.37137	0.56727	0.48871	0.54678	0.58026	0.13294	0.04609	-0.34746	-0.67397	-0.67359	-0.89084	-0.85966	-0.63406	0.05496	0.04349	0.05834	0.20967	0.13836	-0.80631	-0.19001	0.00836	0.1552	0.04087	0.14504
PF11 0284	-0.02228	0.41349	0.87948	0.76418	0.73262	0.83286	0.92773	0.87678	0.77915	0.87179	0.81368	0.77735	0.38392	0.05404	-0.07399	-0.23297	-0.45356	-0.84939	-0.90329	-1.17232	-1.20882	-0.87341	-0.43361	-0.20251
PF14 0244	0.74053	1.01204	0.54578	1.00591	1.02873	0.88425	1.02228	1.11471	0.7764	0.36249	0.44359	0.29846	0.16296	-0.05117	0.04574	-0.02892	-0.12079	0.07146	0.15672	0.119	0.3077	0.3864	0.43201	0.58601
PF14 0518	1.16202	1.23182	0.683	0.75295	0.78441	0.71905	0.55397	0.61428	0.20223	-0.01107	0.02585	-0.13661	-0.49103	-0.79174	-0.78443	-0.70336	-0.77919	-0.46839	0.28624	0.23675	0.41922	0.62069	0.82855	0.93835
PF11 0412	-0.79149	-0.62981	-0.38389	-0.29266	-0.04507	0.18573	0.25538	0.34608	0.13545	0.23415	0.4464	0.29561	0.23999	0.02856	0.39167	0.33796	0.24004	-0.10536	0.29002	-0.19899	-0.27991	-0.75631	-0.63747	-0.44536
PF10 0241	-0.26741	-0.24876	0.04672	-0.07753	-0.25667	-0.45631	-0.5756	-0.48837	-0.02308	0.14071	0.4078	0.66503	0.68192	0.75276	0.70269	0.65772	0.46815	0.2803	0.24536	-0.19935	-0.27585	-0.48088	-0.47638	-0.31486
PF11 0352	-0.55845	-0.53436	-0.55583	-0.71904	-0.64581	-0.79099	-0.7358	-0.62825	-0.51675	-0.53169	-0.08566	0.13336	0.41069	0.51389	0.74606	0.7372	0.58985	0.37908	0.35869	0.16623	-0.05779	-0.45102	-0.78952	-0.92737
PF13 0237	-1.27245	-1.38986	-0.93027	-1.21555	-1.03349	-0.94686	-0.64922	-0.2744	0.05184	0.20952	0.36769	0.41555	0.55612	0.69336	0.57468	0.54407	0.36005	0.31743	-0.38983	-0.17386	-0.37075	-0.58095	-0.76089	-0.90517

P. vivax (smru1)

geneid	TP01	TP02	TP03	TP04	TP05	TP06	TP07	TP08	TP09
PVX_082695	-1.7079	-1.6636	-2.177	-1.9844	-2.1499	-0.3669	1.0157	0.9386	0.1879
PVX_083010	-0.4629	0.1496	0.3118	0.2633	0.2081	-0.0773	0.2839	-0.0264	-0.2621
PVX_113815	0.0511	-0.1685	-0.0341	0.0981	-0.1623	0.3261	0.6583	0.7419	0.5813
PVX_084125	-0.5732	-0.8814	-0.0881	0.3962	0.2262	-0.4853	-0.6427	0.0891	0.1498
PVX_001805	0.1138	0.3818	0.3066	0.3482	0.4249	0.3553	0.1037	0.0295	0.0929
PVX_099040	-0.0775	-0.3554	-0.4344	-0.2306	0.5484	0.7064	0.3599	0.3088	0.2153
PVX_000885	0.0379	0.2027	0.0272	0.0121	0.1358	0.3459	0.0571	-0.0502	-0.1207
PVX_100540	0.1756	0.6002	0.6137	0.6413	0.2578	-0.0985	-0.4353	-0.3286	-0.3508
PVX_093530	0.0559	0.5386	0.5569	0.5187	0.235	-0.4152	-0.6548	-0.7848	-0.5658
PVX_000815	0.6057	0.4466	-0.1296	-0.2645	-0.3437	-0.1847	-0.0867	0.0609	0.1482
PVX_100905	-1.2085	-0.6593	0.2977	0.7995	0.7783	0.3266	-0.5072	-0.8086	-0.8042
PVX_084090	1.7583	1.5925	-0.0014	-0.3754	-0.5189	-0.6078	-0.2042	-0.1579	0.6003
PVX_088240	0.3049	0.2219	0.0439	-0.3053	-0.0522	-0.3802	-0.1724	0.3374	0.7644
PVX_084880	0.5725	0.1484	-0.0713	0.2055	0.2248	0.172	0.1429	0.2083	0.3443
PVX_079770	0.0517	-0.1559	-0.5052	-0.5721	-0.4094	0.2217	0.2193	-0.1695	-0.4235
PVX_081745	0.3085	0.3071	0.3676	0.5172	0.5569	0.6886	0.0977	-0.2779	-0.3266
PVX_100720	-0.2992	-0.2491	-0.0632	0.0033	0.1501	-0.6399	-0.9025	-0.8502	-0.518
PVX_115185	-0.1194	0.9108	1.013	0.9768	0.521	-0.1411	-0.4427	-0.3643	-0.3453
PVX_000745	0.8718	0.6288	0.1879	0.2119	0.422	0.2151	-0.0119	-0.7045	-0.7513
PVX_114530	-0.1042	0.555	0.6468	0.6057	0.3698	-0.1549	-0.7671	-0.7799	-0.6695
PVX_114740	-0.4506	0.0439	0.0207	0.1193	0.3343	0.3207	0.0174	-0.0325	-0.0029
PVX_121985	0.0043	0.3669	0.569	0.4685	0.196	0.1708	-0.1469	-0.2141	-0.2512
PVX_093680	0.1699	0.2156	0.1382	0	-1.1139	-2.6363	-2.6584	-0.4697	0.0315
PVX_080295	-0.4246	-0.4131	-0.1826	0.1859	0.2821	0.3995	0.0918	-0.3453	-0.3097
PVX_021685	0.2962	0.2147	-0.1997	-0.2116	-0.2379	0.0456	1.1424	1.3903	0.994
PVX_099825	-0.8123	-0.2892	0.0681	0.3694	0.6444	0.1886	-0.4742	-0.5905	-0.4223
PVX_092460	0.1792	-0.0543	-0.3313	-0.1732	-0.0976	-0.1958	0.3038	0.9279	0.8527
PVX_116930	-0.199	-0.1443	0.1317	0.0672	0.3443	0.1971	0.0064	-0.0088	-0.0338
PVX_091875	-0.2041	-0.5559	-0.2966	0.0181	0.2867	0.5899	-0.2849	-0.3686	-0.1817
PVX_097895	-0.2072	0.0111	0.1479	0.028	0.3785	0.4785	0.587	0.4683	-0.0389
PVX_089630	-1.4695	-1.6918	-1.7332	-1.3984	-0.7585	1.6566	0.8606	-0.1555	-0.7032
PVX_107735	-0.5123	-0.6579	-0.936	-1.2502	-1.4719	-1.5188	-1.5195	-1.7042	-1.3842
PVX_085360	0.9332	0.8658	0.8983	0.689	0.4713	-0.2949	-0.5369	-0.4608	-0.4083
PVX_096920	0.4188	0.3136	0.1235	0.0378	0.1194	0.0605	0.1818	0.0825	0.1536
PVX_092335	-0.4802	-0.3793	0.3533	0.5187	0.4104	0.645	0.4025	0.0593	-0.0755
PVX_087115	-0.6289	-0.5122	-0.3315	0.1307	0.1554	0.4016	0.1033	-0.3381	-0.2241
PVX_122345	0.3581	0.3676	0.0895	-0.1957	-0.8498	-0.9095	-1.0867	0.1418	0.5132
PVX_097990	-0.1539	-0.0768	-0.0409	-0.1	-0.296	-0.287	-0.0388	-0.227	-0.7595
PVX_085435	0.3384	0.3603	0.267	0.1079	0.1814	0.8125	0.958	0.7573	0.8006
PVX_118135	0.0962	0.0757	0.013	-0.138	0.0289	0.1603	0.2415	-0.0738	-0.4083
PVX_022685	-0.0786	-0.2804	-0.0226	0.0447	-0.1423	-0.5908	-0.914	-0.6584	-0.3761
PVX_083305	-0.0601	0.0701	-0.0787	-0.089	-0.1843	-0.1171	0.0048	0.1176	0.0697
PVX_099380	0.4262	0.2724	0.3384	0.3611	-0.0115	-0.0691	0.1948	-0.0123	-0.1148
PVX_081340	-1.3083	-0.3639	0.0939	0.2478	0.4871	0.3281	-0.0915	-1.0149	-1.0798
PVX_113295	-0.1437	0.0557	-0.0153	0.1667	0.4334	0.0494	0.173	-0.2583	-0.4112
PVX_085605	-1.2844	-0.42	-0.084	-0.069	0.1436	0.4648	-0.3258	-0.875	-1.0366
PVX_000580	-1.0868	-0.1864	0.5972	0.862	0.7418	-0.1825	-0.7081	-1.1299	-0.937
PVX_091590	-0.2009	-0.256	-0.2585	0.2161	0.9959	0.4471	-0.0163	-0.0501	-0.1086
PVX_086130	-0.4524	0.4542	0.7199	0.7117	0.632	-0.4881	-0.9166	-0.975	-0.6839
PVX_123835	-0.2392	-0.676	-0.8106	-0.7364	-0.6771	0.561	1.215	0.1922	0.069
PVX_091700	-0.9299	-0.9357	-1.0068	-0.8898	-0.5762	0.0776	0.4825	0.4166	0.0918
PVX_089610	-0.0061	-0.0272	-0.0653	-0.0653	0.1773	0.0921	0.1806	0.3094	0.1041
PVX_094740	0.4868	-0.1917	-0.4151	-0.996	-1.4873	-0.8621	0.1747	0.6384	1.2432
PVX_119230	-0.1264	0.1417	0.1212	0.0944	-0.4946	-0.6488	-0.917	-0.0329	0.4531
PVX_115270	-0.2295	-0.1097	0.2102	0.3342	0.6645	0.2056	-0.0326	-0.1547	-0.3619
PVX_112665	2.0169	-0.0369	-0.4722	-0.8059	-1.6165	-2.272	-2.1204	-0.5557	0.2936
PVX_091605	-0.6109	0.1589	0.5095	0.6346	0.6953	0.2049	-0.284	-0.2981	-0.4562
PVX_099510	0.3901	0.0141	-0.137	-0.1504	-0.2089	-0.1737	0.0753	-0.3422	-0.4775
PVX_080015	0.8682	1.1099	1.165	1.0748	0.4598	-1.4739	-1.4816	-1.5243	-1.5044
PVX_082730	-0.462	0.1546	0.265	0.4058	0.5431	0.5838	0.1854	-0.2918	-0.2999
PVX_099725	1.0237	0.4698	0.3908	0.4223	0.3685	0.5329	0.3772	0.1528	0.1381

PVX_090295	0.0448	0.0905	-0.096	-0.516	-0.0659	-0.1935	0.0133	0.6759	0.6679
PVX_089330	-0.0872	-0.4519	-0.1619	0.0543	-0.0667	0.199	0.9289	0.2929	-0.0292
PVX_038690	-0.2442	-0.3124	-0.3037	-0.3767	-0.3992	-0.0089	0.2669	0.0866	-0.4736
PVX_113445	0.0528	-0.4367	-0.3909	-0.2341	0.0455	0.6873	0.6914	0.5644	0.4125
PVX_091585	0.3319	0.2826	0.3858	0.3532	0.1055	0.2934	-0.3237	-0.2719	-0.509
PVX_092050	0.444	-0.2562	-0.6207	-0.5526	0.2121	0.5333	0.556	0.6222	0.7139
PVX_118125	-0.4916	0.0331	0.3417	0.4418	0.4823	0.11	-0.2254	-0.1583	-0.0312
PVX_123910	0.429	0.1115	0.204	0.1594	0.2591	0.3012	0.1823	-0.1655	-0.3859
PVX_100510	0.0907	-0.3207	-0.3572	-0.8764	-1.2312	-0.8132	0.1298	1.0401	1.1157
PVX_001105	0.9677	0.6298	0.4475	-0.0817	-0.1218	-0.1169	-0.3441	0.1525	0.3064
PVX_089160	0.3824	0.8083	0.6035	0.7988	0.5931	0.3941	0.1473	0.1345	-0.1615
PVX_090115	0.3186	-0.1488	0.0048	0.3758	0.3405	0.2697	0.2327	0.4762	0.5666
PVX_091620	-0.4696	-0.308	-0.1353	-0.0968	0.3368	0.4729	0.359	0.3965	0.088
PVX_003815	-0.3643	-0.3542	-0.5901	-0.7882	-0.6879	0.3724	1.326	0.8086	0.7207
PVX_090250	1.1793	0.5162	0.3127	0.2126	0.2171	-0.5776	-1.3849	-0.9089	-0.377
PVX_113345	0.1008	0.063	0.0182	0.0042	0.0678	0.023	0.0956	-0.1776	0.1023
PVX_085980	-0.6094	-0.5612	-0.8357	-0.5036	-0.6393	0.1006	0.3403	0.491	-0.1064
PVX_122950	-0.2718	-0.1794	-0.1035	0.075	0.1013	0.0611	0.0293	-0.1116	-0.2658
PVX_096370	-0.1024	0.1756	0.5885	0.6837	0.6008	0.2983	-0.3599	-0.4177	-0.5145
PVX_089380	-0.5276	-0.8664	-0.4652	0.3026	0.8178	1.0933	0.2446	-0.0241	-0.1656
PVX_082360	-0.0167	-0.2369	-0.3445	-0.2085	-0.1121	0.1332	0.3909	0.1075	-0.0913
PVX_100575	-0.3122	0.1932	0.3707	0.4686	0.5986	0.5087	0.202	-0.0728	0.0629
PVX_117385	-0.9643	-1.0537	-1.436	-1.7868	-1.5419	-0.5714	0.77	1.0475	0.7482
PVX_100855	0.5711	0.7644	0.6028	0.3885	-0.2231	-1.2862	-0.6777	-0.1588	0.3929
PVX_089860	-0.7969	-1.0663	-1.2666	-0.9944	-0.3087	0.6527	0.5331	0.1505	0.1802
PVX_099185	-0.1448	0.2248	0.1837	0.1929	0.3835	0.1699	-0.2561	-0.6956	-0.7514
PVX_086905	0.5385	0.4605	0.0485	-0.0596	-0.2342	-0.1865	-0.0857	-0.5597	-0.5617
PVX_099050	0.8643	0.7921	0.4763	0.0997	-0.2994	-0.5384	-0.3924	0.4736	1.3364
PVX_091015	-0.0762	0.2384	0.454	0.6313	0.5351	0.3631	0.0594	-0.27	-0.391
PVX_087060	0.2216	-0.2222	-0.2905	0.0018	-0.038	0.1103	0.4957	0.8479	0.6054
PVX_099800	0.4919	0.2889	0.2147	0.1777	0.4899	0.7696	0.9181	0.7961	0.7566
PVX_122630	-0.7214	0.0602	0.1382	0.0717	0.122	0.2674	-0.0116	-0.5128	-0.4062
PVX_079855	0.7281	0.5346	0.2833	0.1874	0.1374	0.0091	-0.017	-0.494	-0.0778
PVX_089605	0.6239	0.4748	0.3965	0.2429	0.282	-0.0198	-0.2509	-0.2861	-0.3445
PVX_081795	-0.7594	0.0238	0.8865	1.086	0.5659	-0.1493	-0.3703	-0.5525	-0.3796
PVX_083425	-1.0253	-0.2681	0.0588	0.3289	0.3222	-0.6013	0.4515	0.6561	-0.1234
PVX_099150	0.2083	-0.2833	-0.2459	0.0694	0.3833	0.7374	0.6029	0.1869	0.4782
PVX_089965	0.5677	0.3809	0.345	0.3449	0.3903	0.571	0.3013	0.3887	0.513
PVX_084845	-0.6625	-0.1762	0.7925	0.9801	0.5283	-0.2304	-0.3773	-0.2096	-0.0622
PVX_085230	0.3585	0.4552	0.3542	0.3857	0.3269	0.1036	-0.1934	-0.6419	-0.9752
PVX_121945	-0.2423	-0.7605	-1.2298	-1.5987	-2.3438	-2.3116	0.5711	1.3515	1.0583
PVX_098865	-0.6038	-0.4937	-0.5107	-0.6054	-0.3521	-0.6571	0.9372	1.2916	0.6919
PVX_099910	-0.5327	-0.205	0.3207	0.6786	0.575	0.6097	0.0732	-0.3285	-0.1543
PVX_080095	0.7682	0.3501	0.3087	0.3063	0.2385	0.2469	0.1105	0.6575	0.9115
PVX_113365	-0.7414	-0.2641	0.0637	0.0801	0.1133	0.1387	0.195	0.1662	-0.0811
PVX_117810	0.0235	0.2968	0.6243	0.5793	0.7656	0.736	-0.0259	-0.3427	-0.3923
PVX_081270	0.345	0.3213	0.3483	0.2683	-0.0956	0.2188	0.4954	0.1835	0.0644
PVX_084215	-0.644	-0.6576	-0.6116	-0.6258	-0.8879	-0.4622	0.7514	0.6907	0.0832
PVX_059690	0.7378	0.427	0.3551	0.4214	0.0296	-0.0524	0.2474	0.7626	1.1119
PVX_122110	-1.3312	-0.7459	0.0608	0.9735	1.3178	0.0294	-1.1102	-1.5013	-1.4546
PVX_084475	-0.4983	-0.9316	-0.6881	-0.2434	-0.0095	0.3122	0.7768	0.1975	-0.0421
PVX_116700	-0.1231	0.5752	0.5242	0.1669	0.2506	-0.0386	-0.8766	-1.2809	-1.1846
PVX_084190	0.4168	0.0937	-0.1979	-0.2393	0.3381	0.6186	0.0379	-0.3461	-0.1738
PVX_090120	0.25	-0.133	-0.0172	0.2354	0.3673	0.3639	0.3456	0.4282	0.6556
PVX_117285	-0.3725	0.1986	0.1906	0.2283	0.2115	-0.214	-0.7176	-0.6812	-0.6232
PVX_089000	0.6137	0.4062	0.0608	-0.6924	-0.6464	-0.8308	-0.2897	0.3748	0.9274
PVX_112715	-0.315	-0.7125	-0.7754	-0.7872	-0.7542	0.4631	0.6455	0.2774	-0.182
PVX_085830	0.3731	0.3594	0.1989	0.3777	-0.0961	-0.8516	-0.4927	-0.1455	0.2484
PVX_119825	0.5415	0.3887	0.1462	-0.0459	-0.2127	0.0543	0.5777	0.4371	0.3561
PVX_119510	-1.4343	-0.9201	-0.5741	-0.5523	-0.4989	-1.087	0.0499	0.915	0.6286
PVX_122835	-0.1261	0.0048	-0.1705	-0.3902	-0.5619	0.2156	0.5931	0.2242	0.4601
PVX_099735	-0.1082	-0.177	-0.3742	-0.4909	-0.3418	-0.4599	-0.6456	0.4682	0.6936
PVX_001910	0.0444	-0.0261	0.4907	0.5797	0.5317	0.4705	0.2426	0.2031	-0.3621

PVX_090860	0.9791	0.5623	0.2396	-0.3879	-0.8171	-0.7031	-0.1935	0.6464	1.4529
PVX_089720	-0.0607	0.0856	0.3797	0.1997	0.1579	0.0952	-0.4333	-0.2013	0.0437
PVX_115145	0.6655	0.4188	0.2062	0.1896	0.039	-0.2655	0.2244	0.8318	1.2101
PVX_090990	-0.7977	-0.5724	-0.2099	-0.087	-0.1632	-0.6557	-0.9865	-1.019	-0.9482
PVX_003685	-0.2141	-0.6103	-0.5937	-0.2512	0.0604	0.0759	0.397	0.0554	-0.2104
PVX_123615	0.1979	-0.2506	-0.4101	-0.5494	-0.5893	0.3798	0.3075	0.1678	0.4439
PVX_000010	0.2345	0.2459	0.3267	0.1362	-0.1373	-0.4772	-0.2981	-0.6883	-0.4576
PVX_017140	0.7194	0.784	0.6614	0.5901	0.0598	-0.5543	-0.6923	-0.6186	-0.3853
PVX_096005	1.3835	1.1902	0.9579	-0.0624	-1.6542	-1.5953	-1.6196	-0.8139	-0.1599
PVX_094995	-0.3003	-0.3278	-0.1195	0.4759	0.4349	0.18	-0.0293	-0.119	-0.3148
PVX_092940	-1.1146	-1.3462	-1.4828	-1.1575	-0.971	0.5869	0.7381	-0.344	-0.6492
PVX_123740	-0.9466	-0.9766	-0.2292	0.3891	0.8896	0.6404	0.1312	0.2141	-0.3841
PVX_101520	1.4856	0.8306	0.5829	0.526	-0.2186	-1.2874	-2.1629	-2.0007	-1.216
PVX_080440	0.3438	0.3716	0.3175	0.3269	0.3054	-0.0389	-0.8326	-1.3568	-1.4054
PVX_100000	-0.1296	0.535	0.5453	0.2998	0.4298	0.0413	0.0258	-0.2088	-0.1198
PVX_101120	0.6056	0.3771	0.1216	0.0471	-0.3713	-0.1796	-0.1997	0	0.5578
PVX_082550	0.0408	0.1844	0.7265	0.7735	0.4364	0.3451	-0.0908	-0.374	-0.5618
PVX_091285	0.2547	-0.2009	-0.2773	-0.0023	0.4093	0.6244	0.3746	0.403	0.5239
PVX_099035	-0.0542	0.1074	0.1721	0.0219	-0.0894	0.2166	0.1982	0.0525	-0.2266
PVX_092210	0.5231	-0.2173	0.2049	0.5141	0.8728	0.4429	0.2017	0.0512	0.1566
PVX_091155	-0.8793	-0.9444	-1.2301	-0.8517	-0.2282	1.066	1.3688	0.2791	-0.1606
PVX_094585	0.4548	0.1279	-0.1891	-0.2569	0.2644	-0.0119	0.3951	0.7255	0.8382
PVX_122850	-0.0543	-0.0378	-0.0141	0.0751	0.2242	0.3036	0.0303	0.1764	0.4001
PVX_093510	-0.9543	0.3234	0.8263	1.0134	0.6653	0.1129	-0.8735	-1.0337	-1.0737
PVX_117650	-0.4261	-0.1318	0.101	0.5536	0.5837	0.5397	0.0332	-0.1666	-0.2845
PVX_100970	0.8778	0.3658	-0.1257	-0.5531	-0.3782	-0.3873	0.2802	0.5031	0.6729
PVX_114100	-0.289	0.2883	0.573	0.7244	0.892	0.5786	-0.1275	-0.6669	-0.9362
PVX_000940	0.434	0.8349	0.5532	0.4264	0.1048	-0.201	-0.3039	0.1774	0.3206
PVX_123460	0.232	0.3735	0.4346	0.3216	0.3869	0.1011	0.0458	0.3399	0.493
PVX_098645	0.4763	0.4699	0.5244	0.4501	0.4293	0.6364	0.0567	-0.4557	-0.2327
PVX_084620	0.1848	0.0976	0.054	0.2073	0.2026	0.5859	0.8124	0.4346	0.383
PVX_094620	-0.3715	-0.2478	-0.0415	-0.2372	0.0771	0.7808	0.768	0.7274	0.4652
PVX_000715	-0.4855	0.333	0.5083	0.3801	0.1919	0.0779	-0.0234	-0.0331	-0.1827
PVX_080260	-0.3531	-0.2049	-0.201	-0.2046	0.0328	0.0935	0.2063	0.4601	0.2795
PVX_001085	0.3752	0.3928	-0.1764	-0.1402	-0.0405	-0.1911	-0.171	0.1854	0.7898
PVX_114385	0.5846	0.2566	0.0139	-0.0986	-0.2611	-0.4438	-0.4227	0.099	0.5629
PVX_112120	0.0261	0.1781	0.3454	-0.0306	-0.2756	-0.3073	-0.2113	-0.2268	-0.0078
PVX_085665	-0.2112	-0.7812	-0.9197	-0.3678	-0.0895	-0.6316	0.5621	0.8376	0.6272
PVX_085885	-0.2104	0.1908	0.3215	0.1736	0.3643	0.3505	0.3174	-0.202	-0.4637
PVX_079755	-0.2601	0.1426	0.1809	0.4669	0.2959	0.8444	0.2336	0.0447	0.1014
PVX_117740	0.4559	0.1278	-0.2684	-0.9719	-1.3258	-1.3299	-0.6991	0.2549	1.2423
PVX_085780	-0.6042	0.0104	0.6639	0.8783	0.9812	0.8981	0.2368	-0.2577	-0.1957
PVX_086215	-1.0062	-1.0325	-1.1439	-0.7265	-0.544	-0.6954	-1.131	-1.3851	-1.4139
PVX_100595	-0.0078	0.5428	0.3908	0.2992	0.1725	-0.4356	-0.258	-0.0367	-0.1507
PVX_114105	0.3072	0.0814	-0.0519	0.0613	0.2601	0.4034	0.2218	0.1021	-0.0986
PVX_099810	0.8026	0.0258	-0.2559	-0.175	0.0853	0.3359	0.8377	1.263	1.0969
PVX_092620	0.3853	-0.1154	-0.3229	-0.4612	-0.3102	-0.1235	0.2918	0.6379	0.9096
PVX_094285	0.5114	0.5651	0.4997	0.3365	0.0961	-0.4466	-0.6692	-0.7383	-0.2114
PVX_119385	-0.1726	-0.233	-0.2303	-0.4181	-0.5426	-0.2077	0.7333	0.6618	0.1123
PVX_018655	-1.3543	-1.1429	-1.1588	-1.2089	-1.1432	-1.2539	-1.0534	-0.9921	-0.9978
PVX_085770	-0.4931	-0.6027	-0.2777	0.0063	0.0629	-0.2864	-0.215	-0.4139	-0.5735
PVX_082945	0.3337	0.4727	0.3173	0.2862	0.331	0.2174	0.022	0.0539	-0.1893
PVX_097660	-0.1859	-0.2823	-0.0723	0.4419	0.9966	0.3208	0.107	0.0305	0.0961
PVX_096150	0.3923	0.2446	0.2041	0.3189	-0.1085	-0.1183	-0.5041	-0.6232	-0.5182
PVX_001750	-0.4209	0.0917	0.346	0.4693	0.7272	0.3416	-0.332	-0.6513	-0.7155
PVX_113560	-0.196	-0.4376	0.232	0.4973	0.815	0.3689	-0.012	-0.1647	-0.19
PVX_091045	0.0489	-0.0506	-0.7032	-0.4801	-0.2244	0.3397	0.5854	0.4199	0.3957
PVX_000540	0.5557	0.4044	0.3032	0.1482	0.2405	0.2429	0.1198	0.3815	0.5681
PVX_101295	0.0315	0.2392	0.1855	0.0578	0.2184	0.3759	0.1768	0.5262	0.5498
PVX_089400	-0.0597	0.2711	0.8634	0.9109	0.7789	0.1517	-0.0872	-0.1919	-0.1481
PVX_029690	-0.2992	-0.1205	-0.0901	0.1475	0.0966	0.0533	-0.0677	-0.2777	-0.632
PVX_069190	-0.0238	0.2853	0.5289	0.5098	0.6404	0.4618	0.0556	-0.1262	-0.7728
PVX_081550	-1.8704	-2.1405	-2.4623	-2.6557	-2.6708	-1.6716	1.0101	1.7312	0.7442

PVX_089245	0.4152	-0.0826	-0.1793	-0.1705	0.0499	-0.1019	-0.0042	0.4657	0.7334
PVX_005040	0.6503	1.0088	1.3386	1.3744	0.8814	-0.1862	-1.0062	-1.3794	-1.1674
PVX_083115	-0.253	0.079	0.3075	0.4534	0.4481	0.18	0.3515	0.4953	0.4149
PVX_123155	0.5691	0.2566	0.5241	0.1626	0.2331	0.3347	0.4023	0.324	0.7696
PVX_081565	0.1838	0.4009	0.4308	0.5562	0.5234	-0.0842	-0.4947	-0.8087	-0.7744
PVX_081310	1.2147	1.1443	0.8762	0.5192	0.4116	-0.2701	-0.3671	-0.0997	0.1874
PVX_085115	-0.4381	-0.4994	-0.3074	-0.152	0.1771	0.6031	0.9653	0.8432	0.1497
PVX_081620	-0.1161	-0.3936	-0.1873	-0.0945	0.1107	0.4049	0.3689	0.0039	-0.0039
PVX_097645	-1.2927	-0.0415	0.5884	0.6198	0.5748	0.6659	-0.5198	-1.013	-1.2373
PVX_044690	0.37	0.724	0.8857	0.9336	0.6894	0.5686	0.1396	-0.0826	-0.2835
PVX_085725	-0.6623	-0.8066	-1.0637	-1.0672	-0.2652	0.4616	0.8074	0.2231	-0.018
PVX_113520	0.0953	-0.4812	-1.2361	-1.6619	-0.5364	-0.1376	1.0112	0.9981	0.7116
PVX_092825	0.9169	0.356	0.1293	0.1614	-0.0489	-0.1607	-0.0931	0.0179	0.3996
PVX_117750	-1.3016	-0.6892	0.3018	0.7826	0.5991	0.083	-0.2773	-0.4394	-0.5731
PVX_080600	-0.1356	-0.163	0.1287	0.344	0.1027	-0.1742	-0.3857	-0.383	-0.195
PVX_086150	0.0116	0.0784	0.0308	-0.2433	-0.2555	0.306	0.2106	-0.0053	-0.0752
PVX_114660	-0.0227	-0.3984	-0.4642	-0.2641	-0.4094	-0.4214	-0.5024	-0.6163	-0.8332
PVX_003765	0.5842	0.6313	0.4978	0.328	0.1204	-0.4209	-0.6604	-0.5982	-0.2326
PVX_114435	-1.0589	-0.6262	0.2204	0.8891	0.7103	0.0542	-0.9509	-0.9643	-0.852
PVX_089095	-0.3379	-0.3558	-0.2186	0.1551	0.3937	0.3629	-0.1676	-0.174	-0.0199
PVX_118645	-0.072	-0.0244	0.3544	0.3901	0.8194	0.3712	-0.1622	-0.1073	-0.0772
PVX_123130	0.0121	0.5502	0.6085	0.2091	0.4057	0.2322	0.0803	0.358	0.218
PVX_123305	0.1611	0.3208	0.3094	0.1244	-0.0248	0.365	0.1707	-0.0281	0.4589
PVX_092235	0.2984	0.3998	0.3163	0.25	0.164	0.3297	0.084	-0.1949	-0.1925
PVX_115070	0.9108	0.5692	0.2518	-0.0226	0.1048	0.194	0.1875	0.0543	-0.0082
PVX_095305	-0.2472	-0.4319	-0.6032	-0.5774	-0.5686	-0.4466	0.6888	1.1177	0.5872
PVX_092035	0.7608	0.4239	0.1221	0.0798	0.0938	0.0137	0.649	0.9391	1.2521
PVX_119595	-0.1376	0.1204	0.2618	0.3592	0.5556	-0.2931	-0.3968	-0.4725	-0.335
PVX_099570	-0.2632	-0.0309	-0.016	0.2661	0.1147	0.2736	0.3224	-0.22	-0.3326
PVX_122775	-0.0692	-0.2848	-0.591	-0.0458	0.7352	0.7604	0.9466	0.7552	0.4361
PVX_087160	0.4817	0.0169	0.1647	0.0499	-0.0321	-0.2564	-0.1747	0.5715	1.1064
PVX_080115	-0.0434	-0.1015	0.1889	0.6196	0.5094	0.1358	-0.1583	-0.3517	-0.2219
PVX_080230	-0.6915	0.1625	0.1292	0.06	0.0815	-0.1587	-0.9305	-1.146	-1.0629
PVX_101065	-0.4321	0.086	-0.352	-0.3461	-0.0618	0.7711	0.2748	0.3638	0.5214
PVX_111055	0.0862	0.4442	0.619	0.5688	0.2581	0.2688	-0.2387	-0.5835	-0.6319
PVX_096080	-0.0311	0.4774	0.573	0.8984	0.5947	-0.2255	-0.7466	-1.0145	-0.8414
PVX_091035	-0.3219	-0.1116	-0.128	-0.1798	0.037	0.3918	0.121	-0.0838	-0.0007
PVX_091985	-0.1805	0.1581	0.6417	0.9216	0.8377	-0.0048	-0.7025	-0.6204	-0.5474
PVX_099085	0.1951	0.3225	-0.0499	0.0972	0.0019	0.7721	-0.0902	-0.5212	-0.6035
PVX_090315	0.9135	0.7572	0.501	0.503	0.026	-0.4377	-0.3869	-0.3892	-0.0399
PVX_083390	0.813	1.0797	0.9235	0.8377	0.5152	0.1243	0.1282	0.5021	0.9101
PVX_095215	0.3841	0.0767	0.0065	-0.0187	-0.0314	-0.2228	0.0748	-0.0109	0.3644
PVX_099620	-0.3753	0.4371	0.6156	0.6875	0.5222	0.4073	-0.0822	-0.0095	-0.2606
PVX_097545	1.9466	1.2736	0.4106	-0.0529	-0.6559	-0.5974	-0.554	-0.4787	-0.044
PVX_000810	-0.0631	-0.3566	-0.1732	-0.1292	-0.0895	-0.1581	0.17	0.5474	0.4926
PVX_111290	-0.3817	0.0735	0.0966	0.203	0.3688	0.4473	0.6013	0.4486	0.5792
PVX_099310	0.2243	0.4014	0.6041	0.4207	0.3762	0.7071	0.1516	-0.6083	-0.682
PVX_100985	0.0465	-0.6074	-0.3573	-0.18	0.1398	0.3514	0.1649	0.0826	0.1486
PVX_092745	-0.4622	-0.3263	0.3344	0.5759	0.7613	0.4751	-0.3858	-0.5335	-0.3495
PVX_097015	1.5153	0.3251	0.0077	-0.199	-0.5813	-0.9595	-0.974	-0.7682	-0.3541
PVX_086195	0.5629	0.5585	0.3045	0.2487	-0.0699	-0.9992	-1.5797	-0.3441	0.2013
PVX_089695	0.3027	0.0373	-0.3215	-0.573	-0.8496	-0.3628	-0.0342	0.5411	0.8708
PVX_087925	0.1482	-0.0411	-0.3002	-0.2298	-0.0257	-0.079	0.1032	0.4864	0.3943
PVX_114560	0.521	0.5041	0.3306	0.2292	-0.0027	0.1983	-0.1077	-0.4997	-0.521
PVX_116575	-0.3105	0.5805	0.7886	0.9416	0.6137	-0.1323	-0.5977	-0.6836	-0.3475
PVX_080035	-0.4233	0.3274	0.6562	0.8085	0.8159	0.5926	-0.4423	-0.8653	-0.9302
PVX_101605	0.6318	0.5192	0.3534	0.2504	-0.1867	-0.4769	-0.2412	0.3469	0.8157
PVX_111195	0.5571	0.0279	-0.2148	-0.1644	0.1308	0.5363	0.1873	-0.5597	-0.4203
PVX_118595	-0.1733	0.1368	0.5017	0.2985	0.3272	0.0661	-0.0684	-0.285	-0.1972
PVX_117415	-0.4923	-0.5895	-0.0957	0.181	0.1607	0.4903	-0.2322	-0.5686	-0.4568
PVX_123970	-0.3936	0.3726	0.3962	0.348	0.2896	0.1193	0.4619	0.0038	-0.4222
PVX_084665	-0.1414	0.1289	0.2413	0.1746	0.2878	0.1804	-0.7852	-2.1235	-1.9136
PVX_118190	0.415	0.1363	-0.1678	0.0192	-0.5522	0.1563	-0.261	-0.4552	-0.231

PVX_123490	-0.0055	0.721	0.6567	0.4421	-0.1637	-0.7724	-0.9245	-0.5297	-0.2743
PVX_000820	-0.1852	-0.4817	-0.7002	-0.8355	-0.3722	0.2271	0.5922	0.5635	0.4933
PVX_079735	0.4218	0.3036	0.3973	0.324	0.2317	0.1307	-0.2032	-0.3435	-0.2022
PVX_115330	0.5221	0.4595	0.3732	0.5054	0.2879	0.2468	-0.139	-0.3402	-0.0221
PVX_124720	0.4527	0.6326	0.4661	0.497	0.3315	0.1639	0.1816	0.1056	-0.006
PVX_091445	-0.7546	0.2805	0.5267	0.4762	0.477	-0.1113	-0.5572	-0.792	-1.1033
PVX_117590	-0.5165	-0.5071	-0.2428	-0.0053	-0.16	0.5413	0.5718	0.2612	0.1513
PVX_096070	0.5395	0	0	0.3327	-0.0815	-0.6425	-0.7332	-0.5395	-0.5395
PVX_095415	-0.5141	-0.4644	0.3319	0.5354	0.6943	0.1156	-0.231	-0.3844	-0.259
PVX_084740	0.2312	0.0909	0.1649	0.4922	0.42	0.8724	0.3039	0.158	0.3492
PVX_086290	0.261	0.1772	0.0069	-0.3587	-0.537	-0.14	0.4798	0.164	-0.331
PVX_081835	-0.9042	-1.0621	-1.2689	-1.4412	-1.3861	0.6747	0.9383	0.4023	-0.0155
PVX_123230	-1.2373	0.0149	0.6456	0.9633	0.9397	-0.3369	-0.7597	-1.1168	-1.1103
PVX_100745	0.7349	0.6427	0.4909	0.3046	0.4707	0.595	0.2396	0.0256	-0.1922
PVX_122745	0.5172	0.4612	0.3029	0.0187	-0.4448	-0.0229	0.0427	0.5506	0.7012
PVX_081570	0.5085	0.1927	0.0152	-0.0731	-0.0715	-0.1543	0.3784	0.7863	0.9085
PVX_086100	-0.6735	-0.1281	0.3008	0.2872	0.1481	0.4455	0.0848	-0.4082	-0.5247
PVX_099070	0.2138	-0.1796	0.2377	0.498	0.495	0.7875	0.3142	-0.0891	0.0979
PVX_080150	1.0365	0.289	-0.066	-0.4047	-0.4223	-0.1113	0.3435	0.9304	1.2079
PVX_114910	0.0474	0.2694	0.3266	0.3017	0.145	0.1205	-0.7456	-1.4194	-1.2048
PVX_122080	0.3723	0.4191	0.346	0.1404	0.2344	0.1682	-0.4369	-0.4568	-0.4535
PVX_087715	0.3227	0.2699	0.4187	0.5389	0.3403	0.2595	-0.2559	-0.5921	-0.4422
PVX_098635	0.353	0.2673	-0.147	-0.5854	-0.7705	-0.8963	-0.5257	0.2446	1.045
PVX_099330	0.0031	-0.0968	0.0809	0.3685	0.5269	0.7222	0.284	0.1159	0.1897
PVX_118310	-0.4187	-0.5644	-0.4979	-0.2079	0.3057	0.8769	0.3883	-0.1281	-0.1629
PVX_093670	-0.2769	-0.3313	-0.3945	-0.2082	-0.1242	-0.0665	0.3421	1.0968	0.9287
PVX_089830	0.203	0.3461	0.1837	-0.2714	-1.3065	-1.4564	-0.8346	0.9029	0.8196
PVX_092970	-0.5035	-0.243	0.2404	0.5814	0.5076	0.1644	-0.5776	-0.4732	-0.0881
PVX_084175	-0.4	-0.2671	0.1407	0.2363	0.3933	0.5291	0.4437	0.0253	0.14
PVX_089920	0.2128	-0.1597	0.068	0.2142	0.1238	0.333	0.1426	-0.3759	-0.1908
PVX_099300	0.4013	0.4684	0.5318	0.6108	0.5809	0.2299	-0.4882	-0.7718	-0.9132
PVX_116655	-0.139	-0.3326	-0.0674	0.2996	0.5378	0.2192	0.0389	0.0884	0.0238
PVX_099220	0.819	0.7951	0.4516	0.1932	-0.093	0.1205	0.3289	0.8649	1.3286
PVX_024685	1.1572	0.5804	0.2933	0.299	-0.1021	-0.415	-0.696	-0.8095	-0.3817
PVX_084895	0.403	0.463	0.3394	0.3098	0.5026	-0.6619	-0.569	-0.6901	-0.9028
PVX_107755	0.5023	0.7243	0.388	0.2385	0.3937	0.0833	0.3421	-0.1954	0
PVX_088870	0.3441	0.1233	-0.0377	-0.0074	0.5058	0.2937	0.2576	0.2352	0.6296
PVX_123590	0.0579	-0.1788	-0.3949	-0.4845	-0.5179	0.1298	0.5855	-0.2414	-0.5063
PVX_095175	-0.1243	0.1556	0.111	0.0523	-0.2706	0.2368	0.8409	0.3956	0.2844
PVX_089165	-0.1613	0.4876	0.6524	0.5801	0.186	-0.3644	-1.0247	-0.8345	-0.8894
PVX_091150	0.0803	-0.3459	0.1622	0.5337	1.0748	0.1575	0.0231	0.3353	0.5254
PVX_082680	-2.0619	-2.1557	-2.4322	-2.7351	-2.3128	0.1561	1.087	0.3618	-0.8218
PVX_098035	-0.1269	-0.6982	-0.8187	-0.5301	-0.1382	0.9867	0.6305	0.5386	-0.0981
PVX_117600	0.1944	0.8028	0.8738	0.9073	0.5024	-0.8989	-0.9741	-0.2674	-0.0371
PVX_118395	-0.1538	0.2304	0.4564	0.4932	0.5072	0.3105	0.3289	0.0574	0.0508
PVX_094500	0.9413	0.157	-0.3119	-0.3836	-0.5257	0.0438	0.4264	1.0519	1.3633
PVX_003890	0.0875	0.5825	0.7144	0.7072	0.2918	-0.0525	-0.3934	-0.5334	-0.5224
PVX_000925	-0.9819	-0.1131	0.1198	0.4372	0.6948	0	-1.0718	-1.1699	-0.9205
PVX_111200	0.6339	0.3385	0.2376	0.2592	-0.2751	-0.5173	-0.4664	0.3475	0.8558
PVX_113335	1.1088	0.8415	0.8762	0.9391	0.4095	-0.2587	-0.8131	-1.0579	-0.9593
PVX_002885	-0.9774	-0.8809	-0.4069	-0.0963	0.4881	0.8631	0.7096	-0.0349	-0.5815
PVX_091300	-1.0484	-1.1131	-1.1881	-1.1997	-1.275	-1.0252	1.1112	1.3113	0.516
PVX_115060	-0.759	-1.1834	-0.6509	0.1428	0.5887	1.115	0.6722	0.104	-0.0924
PVX_114375	0.0609	0.0389	-0.052	-0.478	-1.3661	-1.3501	0.3547	1.2279	1.1555
PVX_100670	0.3403	0.0735	0.193	-0.2868	0.3767	0.1561	0.5701	0.4383	0.508
PVX_096135	-0.1215	0.2682	0.3778	0.2996	0.2804	-0.4754	-0.6816	-0.5133	-0.4547
PVX_003630	0.8942	0.0096	-0.1788	0.1277	0.2515	0.0153	0.5628	0.904	0.8914
PVX_091435	-0.6218	-0.4406	-0.3646	-0.2157	-0.3147	-0.4504	0.8316	0.7349	0.0547
PVX_003490	0.3219	0.3802	0.4203	-0.1347	-0.2653	-0.3679	-0.2502	-0.2581	-0.3741
PVX_113825	-1.2596	-1.2379	-1.2877	-1.2156	-0.801	0.1809	1.0812	0.636	-0.1963
PVX_089505	-0.5425	-0.2168	0.0393	0.1208	0.2619	0.2091	0.1386	-0.5248	-0.5642
PVX_122460	-0.0136	-0.4034	-0.7016	-0.3693	0.2649	0.8611	0.2663	0.1784	0.4899
PVX_089780	1.2538	0.4204	0.0324	-0.2381	-0.4487	-0.5859	-0.1926	-0.3231	0.1768

PVX_122450	-0.8417	-0.483	0.5035	0.9539	0.911	0.3759	0.0525	-0.3257	-0.5585
PVX_001970	0.0638	-0.0458	0.3407	0.4856	0.593	-0.3565	-0.9044	-0.6764	-0.3436
PVX_089995	0.0687	-0.1081	-0.0674	0.1424	0.0637	-0.0735	-0.0743	0.0822	0.1179
PVX_101180	-0.0104	-0.283	-0.4896	-0.4138	-0.3391	-0.4379	-0.499	-0.4473	-0.55
PVX_083500	1.2184	0.8637	0.5889	0.4761	-0.0277	-0.9489	-0.9654	-0.9249	-0.3418
PVX_081845	0.7519	0.3599	0.1333	-0.3567	-0.829	-0.609	-0.4574	-0.4086	0.1435
PVX_085380	-0.681	0.3076	0.426	0.6289	0.4352	0.0139	-0.6405	-1.0446	-0.9942
PVX_094870	0.9514	0.1488	-0.3197	-0.4674	-0.8096	-1.0016	-0.9366	0.4353	0.7414
PVX_081750	0.0577	0.4448	0.4919	0.5254	0.2674	0.0931	-0.0936	-0.139	-0.2359
PVX_083050	-1.1348	-1.2723	-1.3884	-1.2495	-0.7109	0.2961	1.1975	0.4516	-0.0176
PVX_084545	-0.2704	0.7068	0.6964	0.6663	0.2546	-0.8566	-1.0736	-1.0965	-0.8816
PVX_091080	0.2067	0.1413	0.0197	0.0409	-0.167	0.1732	0.1594	-0.0621	0.2147
PVX_094330	-0.4506	0.3119	0.6216	0.562	0.7619	0.4537	-0.23	-0.5172	-0.5831
PVX_091515	-0.154	0.4028	0.4224	0.247	0.2709	0	-0.2819	-0.7327	-0.8851
PVX_093665	1.2235	0.8894	0.7307	0.5448	0.4564	-0.1092	-0.4557	-0.3706	-0.1667
PVX_119430	0.7181	0.4931	0.3404	0.1195	0.356	0.4142	0.6207	0.2367	-0.1189
PVX_083145	0.163	-0.014	0.0846	0.1311	0.3015	0.1996	0.1727	-0.024	0.1052
PVX_098965	0.2819	-0.2532	-0.3844	-0.3592	-0.2411	0.6408	0.8238	0.4097	0.1823
PVX_096345	0.3384	0.0713	-0.4403	-0.7423	-0.2172	0.6911	0.8798	0.6095	0.8686
PVX_118485	-0.72	-0.7102	-1.2855	-1.2124	-0.0962	0.8292	1.2228	0.5566	0.1388
PVX_087685	-0.1682	0.6639	0.6495	0.5206	0.7156	0.064	-0.2512	-0.4645	-0.1403
PVX_124710	1.2589	1.2793	1.0396	0.652	-0.0276	-0.4423	-0.1419	-0.2762	-0.0254
PVX_111115	-0.4596	0.0427	0.2264	0.4071	0.6642	0.6147	-0.1307	-0.8408	-0.8482
PVX_002480	0.8865	0.6983	0.4116	0.2587	-0.3729	-0.4498	-0.6348	-0.4707	-0.1011
PVX_116680	-0.0744	0.1323	0.4773	0.662	0.7703	0.6091	-0.0575	-0.6626	-0.9189
PVX_082455	-0.1172	0.0988	0.0965	0.0328	-0.1611	-0.361	0.0781	0.5066	0.0843
PVX_082655	-1.891	-1.836	-1.989	-2.3027	-2.108	-0.1487	1.8495	1.4506	0.3275
PVX_100530	0.0673	-0.072	0.3349	0.743	0.5925	0.3451	-0.122	0.0723	0.3237
PVX_087735	0.4302	0.4037	0.4171	0.3382	0.0245	-0.4535	-0.3268	-0.0868	-0.2795
PVX_085815	0.523	0.8176	0.7771	0.6291	0.3334	-0.075	-0.7354	-1.201	-1.2096
PVX_122635	-0.7949	-1.2652	-1.3155	-1.3612	-1.1346	0.4458	1.4285	1.1596	0.4741
PVX_114345	0.4598	0.7039	0.4227	0.062	-0.0064	-0.041	0.4062	0.9333	0.7546
PVX_000860	-0.7355	-0.5655	-0.8852	-0.7062	-0.3558	0.4509	0.9006	0.7612	0.056
PVX_092275	-1.5554	-1.2985	-1.2977	-1.491	-1.6987	-1.9201	-0.4516	0.816	0.5815
PVX_084590	0.6771	0.6125	0.6322	0.3977	0.388	0.5144	-0.0392	-0.372	-0.3355
PVX_116495	-0.7395	-0.974	-0.3755	0.6705	0.3707	0.0996	-0.4759	-0.6413	-0.5609
PVX_081305	0.6197	0.5247	0.307	0.1607	-0.08	0.5034	0.1968	-0.1987	-0.3129
PVX_123335	-0.1052	0.0392	-0.0027	-0.1495	-0.4466	-0.5432	-0.8486	1.0399	1.2604
PVX_116515	0.8044	0.4351	0.276	-0.3454	-0.613	-0.425	0.3314	1.4484	1.744
PVX_086230	0.1486	0.6618	0.6671	0.5676	0.3124	-0.6375	-0.6166	0.0623	0.4853
PVX_118140	0.7296	0.5104	0.4775	0.4185	0.3511	0.1689	-0.2966	-0.4778	-0.159
PVX_122805	0.1767	0.2872	0.3132	0.3058	0.3659	0.4279	0.7479	0.7755	0.8485
PVX_002690	0.0547	-0.0903	-0.0826	-0.1113	0.4051	0.3136	0.7211	0.5722	0.2072
PVX_082485	0.066	0.2115	0.1454	0.0464	-0.0094	-0.0126	0.7328	0.6893	0.3162
PVX_088050	0.4937	0.6927	0.5997	0.4812	0.4361	0.1632	-0.0787	-0.4036	-0.5799
PVX_085110	-0.4392	0.3559	0.214	0.2444	0.0557	0.1063	-0.1266	-0.6657	-0.6183
PVX_090230	-0.6286	-0.4454	-0.1693	-0.1233	-0.087	-0.1611	0.3973	-0.0763	-0.6031
PVX_084630	0.2372	0.4435	0.4407	0.5738	0.3686	0.4979	-0.1251	-0.1063	0.0844
PVX_115380	0.0386	0.0737	-0.1978	-0.6338	-0.6448	-0.7453	0.0984	0.122	0.3196
PVX_114875	-0.4306	-0.4659	-0.1069	0.1776	0.4918	0.5832	0.4682	0.4804	0.1222
PVX_094395	0.408	0.0256	0.0524	0.1181	0.2064	0.8267	0.4125	0.1746	0.1708
PVX_093610	0.3883	0.1964	-0.0952	-0.278	-0.2116	-0.2422	0.4824	0.8132	0.9779
PVX_095285	-0.1035	-0.0636	-0.1783	-0.3803	-0.0012	0.9166	1.0709	0.5002	0.1349
PVX_095275	0.5457	0.757	0.6805	0.6999	0.6555	0.0032	-0.6648	-0.8827	-0.57
PVX_124110	-0.3254	-0.2253	0.1225	0.3538	0.6159	0.2077	-0.7734	-0.7577	-0.568
PVX_113900	0.4371	0.2221	0.1948	0.0788	0.1902	0.2047	0.4521	0.4693	0.5662
PVX_122660	-0.4893	0.2012	0.4758	0.3742	0.2017	0.6199	0.2309	-0.2768	-0.4644
PVX_085050	-0.5522	-0.1202	-0.0272	0.0753	0.2391	0.3513	0.0909	-0.7468	-1.1327
PVX_080120	-0.9082	-1.3788	-1.9421	-1.9346	-1.4875	-0.2245	1.3856	0.7315	0.1149
PVX_124065	-0.5769	-0.1578	0.0007	0.1003	0.5608	0.6395	0.2528	-0.2898	-0.4031
PVX_002795	0.1217	0.1279	0.0141	-0.1005	0.053	-0.1569	0.3989	0.6705	0.3547
PVX_116985	0.4732	0.1899	0.022	-0.1738	0.1981	0.6012	0.4373	0.6787	0.9954
PVX_092565	-0.0735	0.2995	0.1767	0.0931	0.1779	-0.0352	-0.2997	-0.1873	-0.6398

PVX_001885	-0.5076	-0.1794	-0.3816	0.0588	0.7166	0.758	0.3091	-0.3196	-0.1939
PVX_114010	-0.1951	-0.5457	-0.7907	-0.2434	-0.0037	0.2081	0.3579	0.1754	0.019
PVX_117225	-0.1313	-0.0945	-0.1795	-0.3792	-0.7688	-0.2546	0.4562	0.2659	0.2806
PVX_094820	0.6531	0.3914	0.2496	0.0486	0.1207	0.6373	0.7574	0.0242	0.1544
PVX_099655	0.7804	0.3579	0.0128	-0.5695	-0.8956	-0.6815	-0.4073	0.5082	1.4063
PVX_094445	0.2481	0.2728	0.4419	0.5531	0.4089	0.1098	-0.1297	-0.2468	-0.2141
PVX_114205	0.3533	0.5001	0.5135	0.6134	0.0378	-0.6744	-0.4758	-0.2923	-1.0354
PVX_123565	0.8328	0.5872	0.1878	0.0822	-0.0518	0.0493	0.1054	0.1911	0.1236
PVX_095390	0.2507	0.3779	0.3041	0.1928	0.4114	0.3364	-0.5424	-0.9672	-0.9933
PVX_091010	0.0999	0.4241	0.6163	0.9332	0.6995	0.2225	0.0605	-0.1789	-0.1259
PVX_117425	-1.1061	-1.1676	-1.1352	-1.3073	-1.0158	0.3168	0.526	1.335	0.9732
PVX_081780	-0.8334	-0.0644	0.3635	0.3704	0.627	0.4887	-0.0388	-0.3552	-0.3754
PVX_124050	0.2232	0.1581	0.1683	-0.0415	0.0926	-0.6148	-0.5607	0.0479	-0.2511
PVX_086865	-1.0847	-0.9243	-0.8528	-1.0879	-0.6889	-0.7677	-0.7595	-0.7774	-0.9173
PVX_122145	-0.3752	-0.3931	-0.2519	-0.0425	0.1433	1.2136	0.4043	-0.2433	-0.2091
PVX_123810	-0.1584	-0.2553	-0.0932	0.0206	0.0771	0.1536	0.0656	-0.0147	-0.1509
PVX_098905	0.7221	0.5696	0.5661	0.3688	0.3065	0.062	-0.3386	0.0356	0.7907
PVX_119725	-0.1827	-0.5192	-0.604	-0.5527	-0.4476	0.4506	0.8709	0.5923	0.0125
PVX_082635	0.2432	-0.1957	-0.4665	-0.2937	0.2943	0.5122	0.439	0.441	0.9408
PVX_119485	0.224	-0.2588	-0.3159	-0.5334	-0.73	-0.6299	0.7012	1.003	0.7135
PVX_122010	0.6049	0.0492	-0.177	-0.0822	0.0904	0.0918	-0.4417	-0.6737	-0.3622
PVX_082350	-0.1395	-0.5717	-0.8069	-0.9265	-0.5122	0.4324	0.7391	0.4408	0.4299
PVX_091745	0.2345	0.0225	-0.1357	-0.2931	-0.1195	0.5447	0.3704	0.1254	0.2594
PVX_087785	-0.1586	-0.5975	-0.678	-0.8956	-0.3999	0.132	1.1236	1.0059	0.5391
PVX_091625	-0.6936	-0.3885	-0.3248	-0.4424	-0.5502	-0.8702	0.3232	1.1164	0.5498
PVX_094305	1.2422	0.1774	-0.2991	-0.6256	-0.9936	-1.5371	-1.0756	1.1066	1.1653
PVX_103160	-0.2594	-0.3047	-0.1534	-0.291	-0.6695	-0.8465	-1.0316	-0.1474	0.0982
PVX_101250	0.2026	0.4029	0.3073	0.3387	0.2581	0.2078	0.2411	0.3587	0.2228
PVX_094510	0.2026	-0.1338	-0.0955	-0.2557	-0.4697	-0.4241	-0.1566	0.0996	0.9537
PVX_087025	0.2028	0.3478	0.5434	0.5729	0.6006	0.7782	0.4124	0.1646	0.1823
PVX_094260	0.0711	0.1762	0.1102	0.0183	-0.155	-0.1457	-0.5662	0.8611	0.9938
PVX_095160	-0.4462	-0.168	0.3511	0.6087	0.8888	0.4446	0.2847	0.2957	0.3335
PVX_095485	-0.964	-1.0681	-0.1098	0.8594	0.8525	0.2719	-0.1715	-0.6084	-0.9297
PVX_084635	-0.484	0.3975	0.5468	0.8409	0.711	0.1	-0.5378	-0.6884	-0.6411
PVX_117550	1.0243	0.6218	0.6454	0.6242	0.4581	0.2601	-0.5645	-0.6553	-0.3795
PVX_003640	0.093	0.1823	0.1175	-0.024	-0.1614	-0.6224	-1.2422	-0.2174	0.1075
PVX_099685	0.3616	0.3574	0.2778	0.2804	-0.1424	0.0388	0.1023	0.1384	0.4787
PVX_092155	0.2974	0.5647	0.6613	0.5059	0.2838	0.2929	-0.3841	-0.6145	-0.779
PVX_119395	-0.5387	0.0402	0.2464	0.568	0.4309	0.2478	-0.5007	-0.5517	-0.4218
PVX_108760	1.3077	0.8732	0.5478	0.2534	0.0301	-0.5022	-0.8109	-0.8564	-0.2532
PVX_102125	-0.2698	-0.17	-0.0751	-0.181	-0.0232	0.0345	-0.4073	-0.3214	-0.4937
PVX_091825	0.288	-0.1834	-0.1296	-0.0798	-0.3118	-0.6755	0.6425	0.8291	0.6438
PVX_000995	-1.6117	-1.5617	-1.6899	-2.0658	-2.2149	-1.3137	1.4684	1.5144	0.6562
PVX_098995	-0.9029	-1.0162	-1.3602	-1.3374	-1.1452	-1.4335	0.782	1.0412	0.5222
PVX_003605	0.645	-0.2573	-0.8717	-1.1671	0.1088	-0.0947	-0.3251	0.5101	1.2711
PVX_089180	-0.1998	-0.2162	-0.3913	-1.0677	-0.5895	-0.0751	0.0166	-0.1133	-0.2407
PVX_094640	1.0804	0.6149	0.5724	0.3859	-0.3176	-0.6871	-1.2999	-1.4236	-1.0092
PVX_122480	0.4201	0.0405	0.1411	-0.2336	-0.1116	0.1169	0.2357	0.1811	0.5056
PVX_092200	-0.4651	0.0979	0.2371	0.2392	0.2618	0.0037	0.0471	0.003	-0.4718
PVX_117785	0.9604	0.5592	0.6349	0.2588	-0.4872	-0.9718	-0.6392	-0.3656	0.2837
PVX_086255	0.058	-0.3481	-0.6209	-0.8396	-0.4764	-0.1592	0.3865	0.5138	0.6831
PVX_114565	0.4927	-0.0087	-0.4481	-0.6465	-0.6923	-0.7529	-0.7643	-0.476	-0.4275
PVX_117315	0.741	0.3621	0.0374	-0.3307	-0.5795	-0.4239	-0.2789	0.0584	0.4515
PVX_113260	-0.6353	-0.865	-0.9163	-1.0194	-1.6454	-1.7811	-0.5091	0.9499	0.7401
PVX_122245	0.4936	0.5563	0.6592	0.5286	0.2559	0.0685	-0.4117	-0.7058	-0.6467
PVX_001065	-0.7717	-0.5177	-0.7611	-0.1408	0.8355	0.959	0.2427	-0.3494	-0.3149
PVX_123040	0.4308	0.4854	0.2726	-0.1322	-0.2197	-0.3639	-0.3208	0.1504	0.9343
PVX_006080	2.0367	2.1864	1.7878	1.4321	0.676	0.1393	-0.0547	-0.3934	0.0674
PVX_089465	-0.0216	0.2515	0.3136	0.312	0.2878	0.3603	-0.2815	0.0623	0.2738
PVX_081300	0.1375	0.3666	0.4657	0.3634	0.5629	0.5626	0.0965	-0.3721	-0.6127
PVX_084380	0.5516	-0.1595	-0.2463	-0.164	-0.0626	0.2485	0.2265	0.7504	1.0628
PVX_081820	-1.3442	-1.3959	-1.6002	-0.8032	0.1293	0.8779	0.5466	-0.1168	-0.6305
PVX_086225	1.0237	0.0294	-0.5087	-1.1308	-1.5271	-1.0644	0.1113	1.0585	1.656

PVX_094800	0.445	0.5969	0.3235	0.0699	0.3342	0.2668	-0.1354	-0.3551	-0.0394
PVX_100895	-0.7925	-0.555	-0.8171	-1.2415	-1.2745	-1.0548	-0.2164	1.1367	1.2299
PVX_087995	0.1296	0.1963	0.3216	0.2778	0.3991	0.5234	0.1828	-0.0992	-0.1298
PVX_088255	0.0413	0.1213	-0.0075	-0.3312	-0.2054	0.0005	0.1221	-0.0636	-0.0617
PVX_117660	0.2103	0.1949	0.4411	0.5495	0.4847	0.2146	0.1447	0.2611	0.3562
PVX_115160	0.1139	0.1935	0.0828	0.1641	0.3434	0.4031	0.161	-0.1917	-0.0684
PVX_083230	-0.0655	-0.1458	0.348	0.7006	0.7574	0.5033	0.1128	0.3515	0.0937
PVX_080100	0.2035	0.6421	0.5541	0.4711	0.1728	-0.1977	-1.1697	-0.0022	0.4428
PVX_099860	0.2314	0.4265	0.3207	0.1318	0.3259	-0.3271	-0.7711	-0.3351	0.1566
PVX_091265	-0.5509	-0.1868	0.4182	0.3123	0.3853	-0.1649	-0.6879	-0.4131	-0.4304
PVX_085260	-0.9582	-0.3809	0.1504	0.3276	0.385	0.3544	0.3319	-0.1381	-0.2238
PVX_117875	0.8853	0.8448	0.5426	0.6221	0.4754	0.0591	-0.0555	-0.101	-0.2252
PVX_101335	-0.3597	0.0263	0.2032	0.049	0.1833	0.7864	0.5598	0.1172	-0.2315
PVX_099440	-0.229	-0.6097	-0.7227	-0.4172	0.1197	0.6758	0.6346	0.1358	0.116
PVX_096260	1.1344	0.8473	0.1213	-0.3278	-0.2849	-0.1371	1.0463	1.2056	1.2736
PVX_123060	-0.1899	-0.0914	0.3504	0.4121	0.2921	-0.2162	-1.2001	-0.5023	-0.0792
PVX_081335	-0.2539	-0.4941	-0.8039	-1.1217	-1.1963	-0.8236	0.0416	1.1319	0.8884
PVX_117165	0.4087	0.352	-0.1521	-0.5887	-0.8033	-0.8951	-0.5098	0.3251	1.3298
PVX_001635	0.4022	0.062	-0.1153	-0.0034	-0.3894	-0.25	-0.0379	-0.0842	0.0834
PVX_086060	0.0134	-0.1336	-0.2312	-0.3425	-0.1233	0.1537	0.1267	0.1353	0.4498
PVX_083070	-0.3374	-0.2703	0.1573	0.4314	0.5333	0.3279	0.0283	-0.181	-0.2498
PVX_100700	0.5039	0.0367	0.0966	-0.226	-0.0607	0.1634	0.6319	0.7331	0.8924
PVX_096945	-0.09	-0.2835	-0.3553	-0.2779	-0.2971	-0.1537	-0.3065	-0.2074	-0.2732
PVX_001765	0.039	-0.0807	-0.1946	-0.1617	0.0273	-0.0521	0.6203	0.7295	0.6016
PVX_088150	-1.0881	-0.5314	-0.0741	0.2001	0.2988	0.4292	0.2974	-0.2167	-0.4203
PVX_113885	0.2561	0.4065	0.2641	0.0769	-0.0023	0.2864	0.1005	-0.302	-0.5355
PVX_114900	0.2546	-0.056	-0.2698	-0.9494	-1.2109	-1.0675	-0.7278	0.0625	1.0886
PVX_108770	0.698	0.8236	0.6205	0.6268	-0.2113	-0.9011	-1.1195	-1.1563	-0.8023
PVX_123790	0.282	-0.1203	-0.4501	-0.2935	-0.5166	0.2568	0.3949	-0.036	-0.3575
PVX_092830	-0.5329	-0.1042	0.2961	0.545	0.5744	0.0225	-0.2315	-0.218	-0.1975
PVX_101600	-0.0591	-0.6121	-0.897	-1.0333	-1.2154	-0.9126	-0.9306	-1.3828	-1.2457
PVX_115455	0.3117	0.1583	-0.0474	-0.2421	-0.2498	-0.1832	0.4836	0.7823	0.9006
PVX_124190	0.3791	0.1893	0.2683	0.2102	0.2999	0.4202	0.2582	0.2063	0.878
PVX_099450	-0.3229	-0.6724	-0.7871	-1.1324	-0.9738	-0.0429	0.8348	0.5339	0.1757
PVX_082465	0.0275	-0.1457	0.338	0.6032	0.3887	0.3244	0.0846	-0.0489	0.1156
PVX_094390	0.6405	0.58	0.6369	0.3889	0.5738	0.1534	-0.4681	-0.5216	-0.3603
PVX_097580	1.3738	0.9573	0.3158	-0.1525	-1.462	-1.71	-1.7479	-1.0808	-0.464
PVX_093660	-0.492	-1.0109	-0.6091	0.2291	0.3851	0.3155	-0.4444	-0.5201	-0.1832
PVX_079705	-0.546	-0.8016	-0.3766	0.0592	0.1811	0.821	0.5136	0.1119	-0.2132
PVX_090165	0.2798	0.2859	0.3745	0.3081	0.4047	0.224	-0.1607	-0.5048	-0.6169
PVX_088800	-0.0353	0.2174	0.5496	0.626	0.4229	-0.1104	0.2219	0.0614	0.2408
PVX_084975	0.1428	0.11	0.2299	0.2975	0.3574	-0.0357	0.8274	0.8252	0.515
PVX_115430	0.3831	0.4122	0.5874	0.5363	0.5488	0.4179	-0.2282	-0.2637	0.0594
PVX_096050	1.4139	-0.7779	-1.2019	-1.0587	-1.2154	-1.4193	-1.5782	-0.0613	0.5787
PVX_089335	0.1718	0.1852	-0.0017	0.027	-0.0307	0.1119	0.296	-0.3534	-0.6938
PVX_114645	0.9051	0.6654	0.4762	0.3416	0.1649	0.1509	-0.3001	-0.4269	-0.2295
PVX_093700	1.7421	1.1797	0.4056	-0.3629	-1.142	-1.4081	-1.1738	-1.1807	-0.0787
PVX_123000	-1.1053	-0.893	-0.1262	0.3553	0.7843	0.9507	-0.2158	-0.9008	-0.699
PVX_122535	-0.9071	-0.5166	0.0465	0.8124	0.7875	0.0286	-0.1841	-0.3247	-0.3857
PVX_088180	0.1985	0.2592	0.2508	0.0348	-0.0252	-0.1052	-0.25	-0.6527	-0.976
PVX_089755	0.013	0.4453	0.4574	0.4794	0.4605	-0.0164	-0.4293	-0.5778	-0.6892
PVX_087965	-0.6483	-0.2577	-0.325	-0.1488	-0.0015	0.0429	-0.0653	-0.3853	-0.4432
PVX_089205	-0.213	0.158	0.2586	0.3526	0.0125	-0.8249	-0.9263	-0.0171	0.0308
PVX_091225	-0.3906	0.2529	0.5112	0.7342	0.3722	0.2489	-0.279	-0.7153	-0.3241
PVX_093525	0.5622	0.0621	-0.0143	-0.1187	-0.199	-0.2723	-0.0229	0.492	0.9315
PVX_098720	-0.0286	-0.0043	-0.1668	-0.146	0.1069	-0.1432	0.0742	0.0203	-0.034
PVX_097625	1.0376	0.8149	0.826	0.7488	0.7504	0.239	-1.4903	-1.8653	-1.4283
PVX_080185	-0.692	-0.9198	0.0798	0.655	0.8259	0.5296	0.1226	-0.4137	-0.5223
PVX_084310	0.0179	-0.7794	-0.7391	-0.0251	0.4381	-0.4288	-0.0144	0.7446	0.7233
PVX_002575	-0.06	-0.2396	-0.1392	0.3849	0.4415	-0.0188	-0.1406	0.1806	0.3748
PVX_080205	-0.7837	-0.1348	0.2809	0.3837	0.608	0.0974	-0.4265	-0.7781	-0.5494
PVX_081740	-0.993	-0.6016	-0.2652	-0.0049	0.2788	-0.0352	-0.324	-0.5337	-0.5285
PVX_114620	0.2245	-0.5621	-0.8763	-1.0806	-1.1284	-0.735	1.2253	1.1209	0.8292

PVX_117770	1.0615	0.7389	0.7504	0.7409	0.588	-0.1252	-0.7286	-0.7891	-0.3335
PVX_085305	0.802	-0.0074	-0.1673	-0.1068	-0.0404	-0.0204	0.9487	0.7484	0.2096
PVX_087110	0.639	0.3344	0.1005	-0.0574	0.1191	0.0423	0.5282	1.2541	1.3398
PVX_114000	0.1383	0.3438	0.239	-0.01	-0.1105	0.2123	0.3194	0.2051	-0.0201
PVX_001895	1.298	0.8658	0.8127	0.7917	0.434	-0.3269	-0.4961	-0.1757	0.0054
PVX_081725	-0.0154	-0.2655	0.0933	0.3451	0.2431	0.553	0.1473	0.018	0.4211
PVX_101490	0.5944	0.4041	0.0208	0	-0.067	-0.1665	-0.2529	-0.5901	-0.5711
PVX_095445	0.24	0.3083	0.1943	0.144	0.3358	0.0937	0.0605	0.043	0.0299
PVX_089475	-1.1625	-1.229	-1.0984	-0.989	-1.0532	-0.7213	-0.799	1.4308	1.5364
PVX_083480	0.6082	0.6956	0.7706	0.6858	0.5715	0.8298	-0.2362	0.8103	0.8435
PVX_090325	-1.0008	-1.1705	-1.258	-1.3584	-1.5976	-1.8738	-0.863	0.3303	0.2076
PVX_099205	-0.0925	-0.0337	-0.0151	-0.0533	-0.0679	-0.421	-0.2653	-0.0398	-0.1175
PVX_124000	1.1111	0.827	0.8403	1.1238	0.9142	0.929	1.043	0.6289	-0.0154
PVX_080675	-1.4007	-0.8917	-0.0784	0.2749	0.2373	0.6315	0.3569	0.2073	-0.2114
PVX_096140	-0.1841	-0.3745	-0.235	-0.1371	-0.2472	0.0908	-0.0582	-0.3722	-0.5118
PVX_089450	-0.8542	-1.1175	-1.4443	-1.6811	-1.6427	-1.564	-1.0067	0.9243	0.7255
PVX_101230	0.3489	0.5061	0.6739	0.8643	0.4726	0.0486	0.1251	-0.1025	-0.1599
PVX_091230	0.6027	0.1869	-0.0908	-0.5793	-0.9066	-0.4676	0.3257	0.8722	1.1584
PVX_117060	0.1465	0.0979	0.1798	0.0982	0.2127	-0.1053	-0.0625	-0.3536	-0.7084
PVX_086075	0.9863	0.7669	0.6094	0.4001	-0.1252	-1.0128	-0.8829	-0.4147	-0.124
PVX_001820	0.3624	-0.0215	-0.1431	-0.3865	-0.3585	-0.2424	0.6969	0.7782	0.8265
PVX_099365	-1.0217	-0.0553	0.2023	0.4231	0.235	0.3353	-0.4162	-0.3778	-0.7386
PVX_091835	-0.2642	-0.2102	-0.0539	-0.2144	-0.0034	0.417	0.402	0.0507	-0.4013
PVX_122090	-0.4202	-0.2972	0.241	0.6535	0.7114	0.975	0.3231	0.0493	-0.2467
PVX_002490	-0.2206	-0.1525	-0.1206	0.1222	0.2643	0.2594	0.1371	-0.0759	-0.1923
PVX_114285	0.2793	-0.0439	-0.045	0.1236	0.5294	0.3554	0.4834	0.8751	0.8513
PVX_101095	-0.5019	-0.9828	-1.0375	-1.1301	-0.7282	-0.4359	0.3168	0.3803	-0.1461
PVX_116595	-0.7485	-0.3458	0.0522	0.2083	0.163	0.0655	-0.3907	-0.4968	-0.122
PVX_091685	-0.4242	-0.5936	-0.794	-0.8845	-0.7748	1.0373	1.1002	0.3774	0.0129
PVX_086160	-0.1905	0.5578	0.7033	0.7795	0.5622	-0.244	-0.6897	-0.6636	-0.409
PVX_123185	-0.2222	-0.1148	-0.1961	-0.0489	0.3607	0.104	0.4477	0.5806	0.312
PVX_090940	0.9463	0.4575	0.3501	0.5013	0.3236	0.5534	0.8709	0.887	0.6045
PVX_091665	-0.1035	-0.2015	-0.438	-0.1473	0.3187	0.9748	0.8081	0.487	0.1368
PVX_118290	0.8041	0.1884	-0.2459	-0.5141	-0.2694	-0.1955	0.1057	0.659	1.0817
PVX_122935	0.4026	-0.0629	-0.2106	-0.4626	-0.7865	-0.0985	0.3634	0.8093	0.9917
PVX_118700	0.6992	0.0721	-0.2709	-0.5872	-1.0702	-1.104	-1.0942	0.9614	1.5336
PVX_094405	-0.7017	0.1753	0.3969	0.4899	0.7326	0.6668	-0.043	-0.6633	-0.7463
PVX_113930	0.1808	0.2209	0.2959	0.4	0.4415	0.3847	-0.0258	0.016	-0.0463
PVX_084870	-0.8704	-1.3693	-1.0527	-0.6595	0.0889	0.6212	0.278	-0.3485	-0.629
PVX_082880	-0.2038	-0.2306	-0.0318	0.2868	0.8083	0.6252	0.0013	-0.3017	-0.4182
PVX_099305	0.6254	0.8859	0.8185	0.6718	0.4356	-0.1648	-0.5672	-0.7587	-0.7004
PVX_001835	0.175	0.4064	0.5277	0.5109	0.5643	0.2716	-0.6616	-1.3176	-1.3257
PVX_089575	-0.93	-0.089	0.2792	0.4553	0.4586	-0.0663	-0.6218	-0.7136	-1.1407
PVX_081280	-0.1773	0.6395	0.9871	1.0907	0.6463	0.0113	-0.4616	-0.7147	-0.6103
PVX_100865	0.8234	0.7016	0.5877	0.5719	0.3937	0.4102	0.0378	-0.1555	0.229
PVX_122075	-0.0577	0.5296	0.6457	0.376	0.2121	0.6679	0.1632	0.0541	0.0982
PVX_114005	0.4228	0.5671	0.7042	0.2847	0.4355	0.6551	0.5376	0.5441	0.2223
PVX_000530	0.8482	-0.0864	-0.3677	-0.4255	-0.4396	-0.562	0.4743	0.9838	1.2353
PVX_114590	-0.8312	-0.5392	-0.2567	0.1269	0.3085	0.6723	0.1991	-0.1932	-0.3399
PVX_101090	0.2467	0.6231	0.4384	0.4739	0.2489	-0.5681	-0.4571	-0.6742	-0.3947
PVX_116610	-0.6745	0.1278	0.7576	0.6875	0.394	0.0438	-0.2307	-0.2643	-0.5032
PVX_082715	1.0015	0.1574	-0.3639	-0.6267	-0.6414	-0.3481	0.5851	1.1331	1.1462
PVX_079915	0.7249	0.3942	0.3162	0.3143	0.1734	0.4357	0.5121	0.6605	0.6059
PVX_101445	0.7614	0.5148	0.3546	-0.0058	0.0489	0.3306	-0.0237	0.3031	0.3856
PVX_001905	-1.2188	-0.4306	-0.2106	-0.0493	-0.2426	0.5816	0.3277	-0.65	-0.9365
PVX_094565	-0.0796	0.4407	0.4255	0.1877	-0.0773	-0.4005	-0.7428	-0.4176	0.1257
PVX_092125	-1.0223	-0.1092	0.2989	0.4681	0.5062	0.686	0.289	-0.5375	-0.8899
PVX_117070	-0.0346	0.0699	-0.0964	-0.2831	-0.3828	0.2431	0.7985	0.6424	0.791
PVX_123385	0.2954	0.3889	0.4304	0.478	0.5297	0.5075	0.4244	-0.1954	-0.5763
PVX_119500	0.2051	-0.409	-0.3692	0.0363	0.8563	0.7925	0.4199	0.336	0.2822
PVX_084520	-0.7509	-0.1672	0.0575	0.2797	0.3349	0.3741	0.2644	-0.0922	-0.0716
PVX_086070	-0.4502	-0.0426	0.0161	-0.4047	-0.2117	-0.2041	1.0042	0.792	0.5981
PVX_122945	-0.2354	-0.0051	0.0267	-0.0141	-0.5704	-0.4448	-0.6141	0.1794	0.3109

PVX_080170	0.1717	0.6763	0.586	0.6361	0.3137	0.1096	-0.1799	-0.2382	0.0337
PVX_002620	1.0159	0.8516	0.6778	0.7267	0.5655	0.54	-0.2225	-0.7112	-0.5626
PVX_084985	1.1381	0.4038	-0.1798	-0.3607	-0.4842	-0.3648	0.3484	1.2289	1.5354
PVX_084255	-0.5109	-0.495	-0.524	-0.5186	-0.1866	0.1418	0.2302	-0.6528	-0.6886
PVX_117560	-0.4278	-0.2875	0.14	0.5753	0.7408	0.461	-0.1791	-0.3648	-0.338
PVX_096110	0.2392	0.3679	0.4827	0.6143	0.6856	0.2351	0.0167	-0.2463	-0.0533
PVX_123525	0.3265	0.2101	0.1681	0.0904	0.0979	0.2969	0.2169	0.2265	-0.0456
PVX_116765	0.1064	0.0733	0.1535	-0.0549	-0.0591	0.197	-0.0129	0.1491	0.0416
PVX_083120	-1.5571	-0.8151	0.6267	1.096	0.6273	0.4902	-0.5772	-0.7586	-1.0225
PVX_003590	0.0633	-0.0464	-0.2937	-0.3137	0.0369	0.476	0.423	0.6437	0.9164
PVX_081590	0.1892	0.4859	0.4301	0.4321	0.3318	0.3	-0.2109	-0.2624	-0.2461
PVX_092475	0.1134	-0.1749	-0.1258	-0.0364	0.2352	0.2024	-0.0103	0.1498	-0.1571
PVX_097730	0.3315	0.0686	-0.1002	-0.1956	-0.8121	-0.4792	-0.8601	0.0855	0.4313
PVX_114290	-0.582	-1.0651	-0.5848	0.1797	0.8007	0.4079	-0.0067	-0.1428	-0.4834
PVX_119620	0.6394	0.4346	0.4397	0.3146	0.0594	0.2088	-0.0997	0.0758	-0.0629
PVX_095240	0.7633	0.4054	0.1075	-0.1162	-0.0122	0.0806	-0.2191	0.2937	0.7444
PVX_092115	0.2419	0.3287	0.3488	0.2587	0.0486	0.1337	-0.4473	-1.3741	-1.5533
PVX_097805	0.0845	0.0805	-0.0133	-0.2726	0.0253	0.0137	-0.2818	-0.5381	-0.0197
PVX_080695	0.9129	-0.2117	-0.3497	-0.7228	-0.942	-0.5862	0.3478	1.1162	1.2541
PVX_122715	0.7811	0.3613	0.2815	0.1151	0.0971	0.1233	-0.0798	-0.4802	-0.6115
PVX_002815	0.2641	-0.0024	0.0232	-0.1622	-0.5564	-0.9707	-1.0339	-0.8243	-0.6272
PVX_084850	-0.4201	0.255	0.4208	0.6423	0.8584	0.7368	-0.3981	-1.3075	-1.424
PVX_089530	-1.1456	-1.3592	-1.4396	-1.3065	-1.1136	-1.0462	1.5547	1.4791	0.4198
PVX_116840	-0.593	-0.0278	0.3482	0.4304	0.742	0.083	-0.4249	-0.7016	-0.5031
PVX_087740	0.1837	0.5274	0.7921	0.766	0.4473	-0.0667	-0.0327	0.0056	0.1866
PVX_084165	-0.6681	-0.7677	0.2851	0.8567	0.6809	0.2129	-0.3564	-0.4969	-0.3143
PVX_117975	0.1955	0.2539	0.4109	0.2906	-0.0299	-0.517	-0.568	-0.4809	0.0484
PVX_088225	0.0384	0.0221	-0.0531	-0.3952	-0.2527	-0.5659	-0.474	0.9098	1.1387
PVX_080130	-0.6116	-0.8861	-1.076	-1.25	-0.9313	0.1897	1.0385	0.9153	0.3578
PVX_081320	-0.2718	-0.1539	-0.3778	-0.4496	0.5956	0.5953	0.3097	0.2603	0.106
PVX_085825	0.6045	0.6496	0.625	0.2951	0.3101	0.3251	-0.1404	-0.4199	-0.5187
PVX_081220	-0.1379	-0.0415	-0.0323	-0.0214	0.0547	-0.3436	-0.5891	-0.4441	-0.6867
PVX_091050	-0.085	0.6605	0.8478	0.7238	0.3746	-0.6122	-0.9913	-0.9748	-0.7897
PVX_079940	-0.46	0.5474	0.6776	0.5478	0.2429	-0.1586	-0.5512	-0.4752	-0.0507
PVX_118275	0.1514	0.4699	0.4208	0.2799	0.2586	0.1441	-0.4267	-1.058	-0.8041
PVX_080215	1.2223	0.4237	0.2326	-0.1205	-1.0269	-1.3391	-0.6161	0.3508	0.229
PVX_093500	-2.3442	-2.378	-2.6793	-2.5064	-2.7749	-2.5372	-1.891	1.1791	1.5474
PVX_082785	0.0198	0.0967	0.097	0.2253	0.12	-0.4945	-0.6928	-0.5082	-0.336
PVX_118260	1.2598	0.5021	0.6439	0.5251	0.5281	0.5062	0.2763	0.1164	-0.114
PVX_081510	-0.0895	-0.5986	0.0822	0.76	0.8733	0.876	0.2822	-0.5869	-0.8089
PVX_080190	0.2012	-0.165	-0.2316	0.2264	0.3187	0.2227	0.5445	0.3739	0.2058
PVX_085105	-0.2538	0.0006	0.1104	0.5344	0.7109	0.731	0.2923	-0.2195	-0.4255
PVX_003845	-0.1709	-0.1493	-0.1536	-0.2568	-0.4908	0.8028	0.6275	0.0999	-0.4933
PVX_001725	-1.9588	-1.9765	-2.2169	-2.2224	-2.1429	-2.028	1.2278	0.8764	-0.2641
PVX_085440	0.7101	0.3268	-0.2937	-0.5676	-0.7187	-0.4574	0.4624	1.0316	1.192
PVX_083215	1.0669	0.7632	0.012	-0.2888	-0.7093	-0.8913	-1.0191	-0.7387	-0.8966
PVX_123725	-0.9425	-0.7038	-0.4394	-0.2778	-0.1085	0.1809	-0.0033	-0.2472	-0.2869
PVX_082990	0.5935	0.4597	0.2953	-0.3735	-0.6773	-0.3652	0.0008	0.5472	0.9967
PVX_087085	-0.9749	-0.2644	0.6314	0.8933	0.7674	0.427	0.3927	-0.0712	-0.637
PVX_098950	0.2322	0.0206	0.0341	-0.0402	-0.1072	0.5265	0.2997	0.2244	0.3153
PVX_092205	-0.015	0.1374	0.1235	0.0976	0.0789	0.5483	0.59	0.2773	0.0133
PVX_084735	0.3715	0.3418	0.1523	0.0585	-0.2614	-0.0101	0.1132	-0.0772	-0.1004
PVX_099490	0.1578	-0.0585	-0.1307	-0.3177	-0.1484	0.206	0.0683	-0.1491	-0.1471
PVX_113350	-1.0431	-0.8845	0.4581	1.1246	0.9559	0.1266	-0.2861	-0.8457	-1.0404
PVX_091465	0.3168	0.8907	0.8205	0.5122	-0.246	-0.8125	-1.0814	0.4142	0.3865
PVX_000615	0.8049	0.6799	0.5739	0.3982	0.2479	-0.1689	-0.442	-0.1626	-0.1487
PVX_080180	0.2659	0.0846	0.2143	0.6166	0.7637	0.1738	-0.2111	-0.3076	-0.2255
PVX_101500	-0.4362	-0.177	-0.1198	-0.3025	-0.3126	-0.2263	-0.0353	0.3381	0.4634
PVX_003925	-0.3117	0.1851	0.5246	0.4555	0.1064	-0.2653	-0.5219	-0.5332	-0.6947
PVX_091060	0.7743	0.4614	0.4356	0.1988	0.0532	-0.0529	-0.7602	-0.8622	-0.5552
PVX_094350	-0.4089	-0.4953	-1.0419	-1.0908	-0.3919	0.1665	0.979	0.4569	0.3941
PVX_085485	0.2111	0.1301	0.0825	0.106	0.048	0.2577	-0.07	-0.3021	-0.7272
PVX_092065	0.0611	0.6886	0.7641	0.8192	0.8718	-0.9284	-1.2833	-1.0094	-0.5563

PVX_113705	-0.6305	-0.7773	-0.3601	0.3021	0.9357	0.4554	-0.3683	-0.3974	-0.5741
PVX_119740	0.1844	0.3915	0.2458	0.1345	-0.0223	-0.1378	-0.6022	-1.1101	-1.0147
PVX_118230	0.6905	0.393	0.2516	0.301	0.2664	0.1602	-0.1284	-0.6457	-0.3205
PVX_101155	-0.0588	0.1952	0.4649	0.6998	0.3708	0.0556	-0.1523	-0.3037	-0.1734
PVX_124025	-0.2649	0.3409	0.3445	0.3384	0.1561	-0.1869	0.7314	0.1344	-0.5766
PVX_117470	0.2064	0.0905	-0.0602	-0.1004	-0.1369	-0.0609	0.0182	-0.4911	0.0111
PVX_098640	0.413	0.5589	0.6209	0.4669	0.2413	0.1405	-0.4377	-1.1825	-1.2383
PVX_091735	0.3019	-0.1474	-0.3263	-0.2165	-0.4515	0.4166	0.7532	-0.0041	-0.2663
PVX_084885	-0.2197	0.1032	0.2951	0.6269	0.8646	-0.0285	-0.1496	-0.253	-0.292
PVX_085000	0.815	-0.3346	-0.9749	-1.3263	-1.0875	0.3593	0.5177	1.1713	1.3107
PVX_122575	0.1398	0.114	-0.0481	-0.0592	0.1723	-0.3362	-0.1402	0.6732	0.6871
PVX_095045	-0.2015	-0.1242	0.0316	0.0457	0.1172	-0.0074	-0.4202	-0.9027	-0.8505
PVX_019665	-0.2842	0.0018	0.6158	0.5205	0.3597	0.0448	-0.0801	0.2233	-0.0023
PVX_122600	0.5996	0.6542	0.1918	-0.3149	-0.4141	-0.4781	0.4955	0.2981	0.4851
PVX_123275	-0.9809	-1.009	-1.1009	-1.0475	-1.1356	-1.4286	-0.2436	1.1531	0.6595
PVX_001745	-0.6198	-0.525	-0.424	-0.5961	-0.5725	-0.7071	-0.3576	1.0213	0.9809
PVX_100550	-1.0303	0.1666	0.7371	0.975	0.8104	-0.0788	-0.9201	-1.2818	-1.1042
PVX_119810	-1.454	-0.6283	-0.0049	0.5545	0.6422	0.1442	-0.5851	-0.8152	-0.9244
PVX_122185	0.0838	0.518	0.6066	0.6375	0.5436	-0.0788	-0.593	-0.7488	-0.863
PVX_093515	-0.411	-0.2538	-0.2829	-0.283	-0.1324	0.7511	1.0649	0.7255	0.3311
PVX_101265	-0.0238	-0.0508	0.01	-0.1914	0.1141	0.1355	0.8782	0.9519	0.5432
PVX_092225	-0.403	0.0809	0.4277	0.7663	0.6943	0.7045	0.4868	0.1461	0.2022
PVX_117965	0.1398	0.0087	0.0826	0.2041	0.3239	0.2458	-0.138	-0.4936	-0.5145
PVX_083455	-0.4387	-0.0349	-0.0159	0.0935	0.0988	0.8734	-0.1353	-0.3882	0.0559
PVX_118465	0.8268	0.3367	-0.0622	-0.0908	-0.2065	-0.2996	0.1147	0.7359	1.1969
PVX_099675	0.4492	0.5512	0.6467	0.4388	0.4769	0.5794	0.3621	0.0096	0.1406
PVX_124005	0.045	-0.5323	-0.1857	0.1052	0.2933	0.5099	0.3189	0.3924	0.3875
PVX_096180	0.2145	0.1381	0.1656	0.0367	0.1555	0.126	0.0023	0.0881	-0.1748
PVX_088030	0.007	-0.1551	-0.4646	-0.5642	0.3418	0.491	0.4741	0.5871	0.5223
PVX_000875	-0.509	0.6695	0.9064	1.014	0.4613	0.2615	-0.4491	-0.4425	-0.3621
PVX_112720	-0.2803	-0.1148	-0.448	-0.7134	-0.9155	-1.4909	-1.2454	-0.88	-0.969
PVX_092735	0.2574	0.5643	0.579	0.2141	0.0316	0.2493	-0.3125	-0.8341	-0.7373
PVX_088280	-0.4301	-0.0662	0.706	0.8402	0.4712	-0.4681	-0.6403	-0.2802	0.0266
PVX_121960	0.6855	0.4365	0.119	-0.2989	-0.4243	-0.6284	-0.2024	0.5194	1.2896
PVX_001965	-0.197	-0.256	-0.1068	0.1121	0.2476	-0.2808	-0.4037	-0.2321	-0.1901
PVX_088975	-0.7791	-0.2425	0.4339	0.6167	0.4759	0.1278	-0.4104	-0.4548	-0.4751
PVX_097965	-0.0383	-0.4306	-0.2005	-0.1569	0.4604	1.153	1.2449	0.5227	-0.0773
PVX_083130	-0.0846	-0.0347	0.0155	0.0197	0.0024	0.272	-0.1116	-0.1483	-0.3621
PVX_118115	0.5935	0.1098	-0.1034	-0.5892	-0.9565	-0.6447	-0.2257	0.2334	1.2106
PVX_002890	-0.7233	-0.3288	0.2375	0.3449	0.257	0.3534	-0.0723	-0.4668	-0.636
PVX_123715	-0.7508	-0.7879	-0.2391	0.4002	0.8182	0.7301	-0.0906	-0.16	-0.1573
PVX_122720	0.2291	-0.3383	-0.991	-1.2296	-1.2402	-0.9414	1.0445	1.0765	0.8156
PVX_085470	-0.0513	0.1183	0.0248	0.117	0.1789	0.5662	0.7143	0.3365	-0.1198
PVX_089905	-1.0261	-0.7268	-0.6172	-0.4255	0.0086	1.053	1.0259	0.1049	-0.3178
PVX_123325	0.3884	0.2731	0.2198	0.1572	0.4381	0.1445	-0.2452	-0.2739	0.0612
PVX_003655	0.5928	0.469	0.1025	-0.0727	-0.1828	0.311	1.0756	0.9665	0.7035
PVX_083175	-1.3179	-0.3044	0.0872	0.2714	0.7503	0.5091	-0.5125	-1.0379	-1.1194
PVX_097630	0.6607	-0.102	-0.2837	-0.2501	-0.3794	-0.3391	0.1411	0.547	0.7716
PVX_111150	0.2727	0.4892	0.5462	0.4821	0.2396	0.2938	0.5223	0.3786	-0.2062
PVX_113585	-0.7768	-0.2623	0.2372	0.4684	0.476	0.7681	-0.228	-0.4428	-0.1312
PVX_101555	0.1305	-0.049	-0.0052	-0.1834	-0.377	-0.1859	0.0125	-0.0397	0.1672
PVX_092265	-0.7624	-0.8504	-1.1431	-1.2674	0.1934	0.8477	0.261	-0.4218	-0.7579
PVX_079765	-0.0553	0.4726	0.8351	0.7085	0.3041	-0.1709	-0.1605	0.0866	0.2322
PVX_002900	0.3907	0.3211	0.1719	0.4355	0.054	0.0847	-0.0697	0.5911	0.4271
PVX_122265	-0.352	-0.4071	-0.3822	-0.1321	0.3426	0.6453	0.6509	0.5711	0.3118
PVX_119745	-0.4768	0.3576	0.4607	0.3763	0.3461	0.0442	-0.5564	-0.8654	-0.9598
PVX_089085	0.7369	0.4791	0.4491	0.2921	0.3603	0.3833	0.1925	-0.1925	-0.0987
PVX_116940	-0.1147	0.4442	0.6559	0.701	0.4449	-0.4753	-0.6776	-0.3288	-0.1924
PVX_113410	0.1204	-0.005	-0.0522	0.0271	-0.3032	-0.2651	-0.135	0.4185	-0.2294
PVX_087145	0.1218	0.0045	0.1015	-0.038	0.0435	-0.0596	0.3257	0.499	0.1281
PVX_122785	-0.2615	-0.8709	-1.1664	-0.7809	0.3627	0.7999	0.2692	-0.0266	0.2935
PVX_122765	0.6043	0.31	0.4044	0.4004	-0.1685	-0.2445	0.2027	0.6069	0.7113
PVX_114810	-0.1789	-0.2824	-0.4165	-0.582	-0.4992	0.291	0.6752	0.1048	0.1961

PVX_087090	-0.6123	-0.1644	-0.1072	-0.2918	-0.4032	-0.597	-0.801	-0.9228	-1.2545
PVX_002680	-0.1374	-0.1704	-0.1603	-0.0267	0.0538	-0.6519	-0.6602	-0.3695	-0.2718
PVX_002595	-0.7005	-0.7464	-0.5514	-0.2151	-0.1002	0.4311	0.0544	-0.3942	-0.4951
PVX_082665	-0.8057	-0.662	-1.0026	-1.0864	-1.257	-1.3125	0.6633	1.1332	0.559
PVX_083475	-1.4256	-1.3891	-1.3732	-0.8759	-1.037	-1.2289	0.4424	1.6575	1.3224
PVX_117880	-1.5902	-1.7745	-1.881	-1.9154	-1.9075	-1.7609	1.2524	1.2445	0.1033
PVX_003905	0.6522	-0.1792	-0.6621	-0.6811	-0.6237	-0.5908	0.1084	0.7337	1.0386
PVX_117980	0.4434	0.4097	0.0086	0.2094	-0.0309	0.2776	0.3311	-0.2346	-0.3472
PVX_101340	-0.0875	0.305	0.8183	0.3381	0.3292	0.2596	-0.0013	-0.0811	0.0034
PVX_090870	0.2257	0.5992	0.4496	0.5367	0.3407	-0.477	-0.8569	-0.5867	-0.392
PVX_003975	-0.2519	0.0508	0.5576	0.7284	0.6956	0.2146	0.1484	0.4431	0.2957
PVX_123085	-0.1739	-0.0266	-0.0463	0.0558	0.0256	-0.3638	0.0191	0.284	-0.1197
PVX_082755	-0.8238	-0.5196	-0.0449	0.2465	0.5546	0.5344	0.0023	-0.3362	-0.2966
PVX_094490	-1.0682	-0.8697	-0.0518	0.342	0.4156	0.4507	-0.0588	-0.8822	-0.7798
PVX_095330	0.5598	0.3992	0.1131	-0.4394	-0.5734	-0.781	-0.4353	0.3905	1.1089
PVX_114265	-0.9325	-0.8641	-0.9326	-0.3597	0.5991	0.9805	0.6507	0.2848	-0.2405
PVX_091760	0.8221	-0.1934	-0.6357	-0.6501	-0.6439	-0.4881	0.7154	1.1653	1.225
PVX_002950	0.2814	0.2693	0.339	0.2949	0.564	0.5179	0.18	0.203	-0.0989
PVX_115370	-0.5159	-0.1877	-0.2953	-0.4209	-0.7549	-0.5838	0.0485	-0.7227	-1.0587
PVX_114040	-0.0739	0.1528	0.2112	0.2136	0.1215	0.0264	-0.6314	-1.279	-1.4118
PVX_084435	0.0227	0.0424	0.4647	0.6218	0.7678	0.7401	0.3353	0.021	0.017
PVX_098710	0.8575	-0.1465	-0.5539	-0.9801	-1.1434	-0.6514	0.499	0.8873	1.1309
PVX_119705	-0.3041	-0.1793	0.1977	0.2516	0.4948	0.8035	0.0743	-0.2794	-0.4664
PVX_000610	-1.2492	-0.4817	-0.0455	0.3649	0.7651	1.2037	-0.2091	-0.8924	-1.0558
PVX_111385	-0.3512	-0.9562	-0.7863	-0.2728	0.3682	0.3847	0.2255	-1.0985	-1.2511
PVX_122730	-0.3016	-0.4655	-0.3041	-0.1223	0.5054	0.6754	0.0092	0.0372	-0.1302
PVX_088835	0.1476	0.1863	-0.044	-0.5121	-0.8319	-0.6951	-0.3213	0.4044	0.7668
PVX_100955	0.0447	0.4589	0.5639	0.4062	0.5518	0.46	0.159	0.1475	0.1422
PVX_088875	-0.0159	-0.0691	-0.2426	-0.6332	-0.6281	-0.219	0.6388	0.792	0.8983
PVX_116980	-0.4783	0.0913	0.5109	0.7533	0.5934	0.5632	0.1076	-0.0331	-0.2534
PVX_098915	0.0531	0.1378	-0.1793	-0.3989	-0.7395	-0.5035	-0.474	-0.2769	0.318
PVX_090955	-0.1061	-0.5461	-0.8239	-1.0702	-0.2854	0.7926	0.5632	0.179	0.2035
PVX_113805	-0.9739	-0.7795	-0.1821	-0.0344	0.2615	0.5117	0.2096	-0.4032	-0.4999
PVX_082530	-0.2791	0.2892	0.3135	0.2595	0.3411	0.3707	0.146	-0.038	-0.2223
PVX_097025	0.0445	0.4032	0.6424	0.6235	0.0698	-0.487	-0.6433	-0.6497	-0.2271
PVX_087725	-0.9719	-0.6682	-1.031	-1.7569	-2.2885	-2.1951	-1.5423	0.9662	1.4239
PVX_101510	0.4455	0.2872	0.1873	-0.147	-0.1864	-0.1432	-0.0483	0.307	0.1422
PVX_084105	0.5083	-0.0335	-0.5631	-1.029	-1.2652	-1.5733	-0.6139	0.3828	1.3862
PVX_098990	0.4963	0.2439	-0.295	-0.636	-0.4866	0.0955	0.1651	0.7429	1.4736
PVX_095085	0.5222	0.0359	-0.187	-0.5927	-0.61	-0.4731	-0.1959	0.7237	1.1633
PVX_094890	0.8936	0.2033	0.1424	-0.1066	-0.0994	0.3595	0.37	0.9611	1.1277
PVX_114135	1.208	0.6547	0.2268	-0.1677	0.0164	-0.1434	0.4525	0.7731	0.5822
PVX_097615	0.2883	0.4259	0.4645	0.486	0.3457	0.1163	-0.0008	0.4118	0.5907
PVX_092410	-1.403	-0.4976	-0.1228	-0.0286	0.0679	0.7781	0.0933	-1.0483	-1.2829
PVX_123845	0.1494	-0.0893	-0.0918	-0.2038	0.2224	-0.0683	-0.0893	-0.319	-0.3026
PVX_119570	0.0315	-0.2693	-0.7203	-0.9655	-0.8087	-0.6312	-0.1766	0.2154	0.205
PVX_084680	-1.6665	-1.6403	-1.7661	-1.7852	-1.9102	-1.3811	1.3507	1.1041	0.142
PVX_113920	-0.4228	-0.0451	0.1526	0.0772	0.0164	0.0983	0.291	0.1446	-0.1894
PVX_085430	-0.4714	0.1286	0.1137	0.1812	0.3165	-0.1319	-0.1653	0.0744	0.0574
PVX_081610	0.0223	0.6328	0.8504	0.7988	0.8238	0.9014	-0.1683	-1.1539	-1.1003
PVX_122000	0.0915	-0.1782	0.103	0.2367	0.2262	0.1321	-0.1412	-0.5108	-0.3502
PVX_098785	-0.2654	-0.1162	0.4824	0.6384	0.4733	-0.1738	-0.415	-0.358	-0.3014
PVX_099485	-0.3454	-0.3169	-0.1622	-0.0499	0.0974	0.1073	-0.2914	-0.5162	-0.6428
PVX_118355	0.1062	-0.3971	-0.8183	-1.1431	-0.825	0.283	0.6665	0.4094	0.4485
PVX_085575	0.6766	0.706	0.7348	0.4006	-0.0177	-0.5151	-0.5864	-0.2371	0.2703
PVX_090880	0.3691	0.3633	0.5849	0.583	0.7393	0.6292	-0.1431	-0.9697	-1.0051
PVX_002500	-1.1153	-0.7603	-0.8211	-0.869	-0.6078	-0.2611	0.3592	0.8055	-0.241
PVX_101260	0.2153	0.4957	0.3166	0.4024	0.2997	-0.1601	-0.799	-0.9331	-0.7985
PVX_098985	0.0738	-0.5628	-0.3709	-0.1644	-0.2267	0.4564	0.0406	0.1538	0.203
PVX_099420	-0.1966	0.5508	0.3518	0.3742	0.5595	0.4728	-0.0239	-0.4209	-0.6358
PVX_000620	0.8476	0.6363	0.6176	0.6673	0.6264	-0.0475	-1.072	-0.8458	-0.2454
PVX_085300	0.7012	0.3304	0.2758	-0.1608	-0.5477	-0.8922	-0.4337	0.2068	0.8702
PVX_002580	-1.0048	-0.3438	0.3038	0.5524	0.5544	-0.2994	-0.9491	-1.0183	-0.6673

PVX_118285	1.026	0.1693	-0.299	-0.4848	-0.6412	-0.5153	0.0666	1.1618	1.4901
PVX_123695	-0.0943	-0.1997	-0.5546	-0.641	-0.938	-0.0481	0.6616	0.6712	0.1149
PVX_116815	0.1197	-0.6411	-0.7162	-0.8057	-0.4977	-0.1767	0.3259	0.5952	0.3628
PVX_085585	-0.0875	-0.1192	-0.4085	-0.6684	-0.775	-0.4971	0.1545	0.08	-0.1303
PVX_113490	0.7461	0.1292	-0.2064	-0.6147	-0.7705	-0.4866	-0.2657	0.6	1.3395
PVX_118340	-0.1128	-0.36	-0.3746	0.0286	-0.267	-0.2291	-0.0014	0.3901	0.4497
PVX_085740	0.0054	-0.3664	-0.5916	-0.7469	-0.7322	-0.2862	0.5251	0.2261	-0.0405
PVX_085135	0.0778	0.1344	0.1967	0.0656	-0.0469	0.1551	0.6979	0.7304	0.5062
PVX_091755	-2.042	-2.0102	-2.3873	-2.3985	-2.2011	0.5229	1.3557	0.659	-0.3106
PVX_001845	-0.6734	-0.7249	-0.4075	-0.0727	0.1106	0.5361	0.3833	0.0309	-0.3979
PVX_119425	0.1963	-0.2547	-0.4012	-0.3981	-0.3531	0.2567	0.215	-0.1471	-0.1015
PVX_119345	-0.1335	0.0981	0.1781	0.1172	0.0875	-0.0825	-0.7488	-1.3604	-1.6319
PVX_084745	0.04	0.3544	0.4502	0.6262	0.4933	0.3283	-0.0874	-0.0648	0.0513
PVX_000915	-0.5045	-0.5377	-0.1862	0.0724	0.4337	0.5317	-0.2444	-0.2365	0.0617
PVX_087840	-0.28	-0.2418	-0.3298	0.0005	-0.0547	-0.1574	-0.9814	-1.0208	-1.0693
PVX_118070	-0.4795	-0.3261	-0.2637	-0.2653	-0.3504	0.5256	0.8212	0.4458	0.1844
PVX_115280	0.1897	-0.2161	0.2023	0.8185	0.5495	-0.0463	-0.4342	-1.0017	-1.0191
PVX_114340	-0.0215	-0.1912	-0.2485	-0.1392	0.339	0.4459	0.396	0.1013	-0.0081
PVX_085215	0.7064	0.8145	0.8633	0.9166	0.6841	0.6604	-0.1239	-0.3156	-0.2514
PVX_099505	-0.0223	0.1488	0.6632	0.5461	0.3132	0.3997	-0.1696	-0.557	-0.6343
PVX_092020	0.0786	-0.0563	-0.1595	0.2153	0.0333	0.3447	0.1964	0.1274	0.0204
PVX_085140	0.0076	-0.0813	-0.6236	-0.5412	-0.0392	0.2746	0.2796	0.3113	0.4383
PVX_114095	-1.6391	-0.7596	0.2828	0.7798	0.7439	0.9041	0.0679	-0.5849	-0.9686
PVX_001960	0.1739	0.0233	-0.011	0.5145	0.6196	1.0603	1.3155	0.7537	0.3427
PVX_087935	0.8642	0.6687	0.5887	0.4965	0.2038	-0.3057	-0.663	-0.6505	-0.3892
PVX_089635	-0.8762	-0.3149	0.2473	0.3992	0.3107	0.2229	-0.0981	-0.4091	-0.4833
PVX_084830	-0.3597	0.3182	0.4754	0.513	0.4781	0.6002	-0.1206	-0.3984	-0.0714
PVX_091280	0.2706	-0.2715	-0.3967	-0.0641	0.4959	0.8212	0.1528	0.2706	0.4583
PVX_118025	0.1958	0.0914	-0.0951	-0.4031	-0.3945	-0.354	-0.7727	0.6851	1.1753
PVX_085875	-0.0691	-0.4544	0.0466	0.5276	0.7245	0.6326	0.1025	0.0488	0.0572
PVX_095210	-0.6866	-0.3046	0.5726	0.6637	0.2108	-0.5323	-0.5359	0.0843	0.0513
PVX_093595	0.3651	0.4142	0.3055	0.2018	0.0679	-0.051	0.036	0.159	0.2221
PVX_114825	0.5714	-0.1074	-0.5571	-0.7419	-0.0526	0.7727	0.633	0.5891	0.7586
PVX_085415	0.6862	0.1426	-0.1329	-0.2509	-0.3692	-0.2867	0.0352	0.8898	0.8786
PVX_005565	0.2145	-0.2807	-0.494	-0.4722	-0.7409	0.0335	-0.1699	0.2158	0.4067
PVX_115010	1.3212	1.2121	1.0566	0.8151	-0.1612	-1.0078	-0.9175	-1.0532	-0.8878
PVX_113895	0.2355	0.1653	-0.1402	-0.5384	-0.4061	-0.0571	0.2964	0.6586	0.79
PVX_081495	0.1007	0.1723	0.1281	0.2889	0.2009	-0.0473	0.2211	0.3175	0.0967
PVX_122425	-0.374	-0.4076	0.0881	0.5599	0.6824	0.3969	-1.0084	-0.6524	-0.6141
PVX_091160	0.5452	0.4408	0.4974	0.338	0.3867	0.2477	0.1118	0.7924	0.5731
PVX_002770	0.2459	0.3864	0.2525	0.3112	0.0798	0.0901	-0.1082	-0.1894	-0.1638
PVX_122235	-0.219	-0.5402	-0.5984	-0.3696	-0.0045	0.2106	-0.1136	-0.1013	-0.0659
PVX_084810	0.5628	0.3668	0.3428	0.242	0.0071	-0.3452	-0.2043	-0.1358	-0.5105
PVX_097875	0.0236	-0.2258	-0.5319	-0.8538	-0.8141	-0.69	-0.3356	0.2099	0.1871
PVX_114770	-0.3431	-0.1852	-0.2835	-0.3368	-0.128	0.2105	0.124	-0.2585	-0.0194
PVX_098855	-0.351	-0.3242	-0.1587	0.0536	0.3037	0.3758	-0.1551	-0.3465	-0.2561
PVX_122380	0.3306	0.4409	0.476	0.4192	0.1701	-0.3664	0.0578	0.4631	0.8832
PVX_085035	0.04	0.4879	0.5877	0.3931	0.3795	0.1395	0.3598	0.1997	0.226
PVX_095065	-0.6733	-0.9442	-0.8315	-0.1571	0.5805	0.7874	0.5672	-0.0707	-0.6946
PVX_011610	0.0624	-0.0323	-0.1309	-0.1564	-0.3718	-0.5492	-0.4185	-0.2449	-0.1822
PVX_087050	0.2751	0.0291	-0.22	-0.2179	-0.0408	-0.322	0.5101	1.085	0.6866
PVX_082620	0.3893	0.9066	0.7618	0.0819	-0.4411	-0.6684	-0.5856	-0.4281	-0.3846
PVX_095020	0.5744	-0.0938	-0.4348	-0.7911	-0.3829	-0.2955	0.1322	0.7865	0.853
PVX_123650	-0.5684	-0.6331	-0.6392	-0.5241	-0.3754	1.0198	1.0575	0.5232	0.1617
PVX_086030	0.2757	0.192	0.0947	0.0767	0.1209	-0.0858	0.0073	0.3771	0.0921
PVX_081380	0.4456	0.556	0.8083	0.9289	1.1717	0.7549	0.3073	0.1465	0.0526
PVX_001020	0.6599	0.4288	0.3455	0.129	0.1915	0.3249	0.5651	0.5887	0.3644
PVX_100810	0.9023	0.6485	0.7421	0.538	-0.2556	-0.521	-0.6098	-0.2968	-0.1758
PVX_085890	0.1437	0.3975	0.3211	0.103	-0.4607	0.0853	0.7007	0.1646	-0.2107
PVX_117050	0.9369	0.3242	-0.2236	-0.4927	-0.6386	-0.7123	0.1573	0.849	1.0429
PVX_115155	-0.7409	-0.38	-0.416	-0.2902	0.2539	0.8462	0.0675	-0.8987	-1.1336
PVX_086045	0.3042	-0.016	-0.1139	-0.3348	0.0079	0.1795	0.5027	0.6727	0.8796
PVX_122845	-0.6226	-0.8191	-1.1177	-1.329	-1.3895	-0.1428	1.5515	1.0179	0.669

PVX_091970	-0.3456	-0.8406	-0.489	0.2283	0.5901	0.268	0.034	-0.0308	-0.4682
PVX_086245	1.2763	0.7183	0.2551	-0.02	-0.3594	-0.1844	0.5542	1.2013	1.4
PVX_114605	-0.1213	0.3297	-0.0589	-0.2937	-0.5896	-0.8521	-0.3291	0.8719	0.9961
PVX_080055	0.3863	0.4816	0.1122	-0.2596	-0.5161	-0.6482	-0.5079	-0.06	-0.0525
PVX_117895	0.0972	-0.3647	-0.677	-1.0159	-0.7216	0.5973	0.56	0.3092	0.6696
PVX_084395	-0.0742	-0.1211	-0.0285	0.2624	0.3422	0.3538	0.1345	0.1168	0.3032
PVX_089515	0.095	0.067	0.045	0.0163	0.0234	0.0815	0.1336	0.1349	-0.146
PVX_087700	0.1402	0.3179	0.3812	0.4552	0.5999	0.4357	-0.1511	0.0403	0.2835
PVX_115165	-0.3256	-0.5066	-0.7243	-1.0182	-0.6022	-0.8538	-0.7161	-0.4449	0.278
PVX_085330	0.4094	0.1884	0.0514	0.0074	-0.13	0.0458	-0.3894	-1.0066	-1.0369
PVX_122625	0.0785	-0.3698	-0.3169	-0.0859	-0.2077	-0.414	0.3338	0.6855	0.2812
PVX_002780	-1.129	-0.1472	-0.1079	-0.1232	0.0163	0.3225	1.0212	0.649	0.0859
PVX_117615	-1.2144	-0.1908	-0.2122	-0.237	-0.2556	0.3413	1.0279	0.0205	-0.4323
PVX_081670	-0.2607	-0.0483	0.3414	0.262	0.6999	0.7402	0.1982	0.1041	-0.1875
PVX_108260	0.2706	0.2217	0.2202	0	-0.3304	-0.2802	-0.0711	-0.2363	0.1108
PVX_122995	-0.555	-0.2376	-0.0872	0.2191	0.3703	0.4399	-0.4823	-0.7261	-0.757
PVX_099595	-0.217	-0.3387	-0.0589	0.264	0.3988	0.2365	0.5552	0.3045	0.1122
PVX_089990	0.5258	-0.0949	0.1469	0.2921	0.3343	-0.0195	0.0879	0.4824	0.4556
PVX_083235	0.54	-0.0818	-0.5983	-0.8969	-1.039	-0.7007	0.1429	0.6373	0.8148
PVX_097900	0.0142	0.4098	0.3582	0.3634	0.3594	0.1465	-0.1292	0.0969	-0.2009
PVX_089490	-0.2031	-0.059	-0.1658	-0.1971	-0.2067	0.3187	0.387	0.2641	0.1528
PVX_000735	-0.1573	0.1874	0.136	0.2985	0.1679	0.3684	0.0016	-0.3142	-0.8525
PVX_118620	-0.679	-0.152	0.1888	0.4525	0.4294	0.4178	-0.6244	-1.0366	-1.0559
PVX_123690	0.5166	0.018	-0.2361	-0.8974	-1.148	-0.9716	-0.6389	0.232	1.1043
PVX_098755	0.5885	0.3932	0.3682	0.2693	-0.1576	-0.4318	-0.298	0.4689	0.9112
PVX_113415	-0.7383	0.3162	0.9792	0.9414	0.7067	-0.1164	-0.6172	-0.7228	-0.5605
PVX_089835	-0.1086	-0.3948	-0.6104	-0.4477	-0.7626	-0.5998	1.0434	1.0199	0.4535
PVX_089670	-0.0189	0.3061	0.015	-0.2272	-0.3131	-0.4839	-1.1792	-0.4139	-0.0551
PVX_100820	0.168	0.0737	0.169	0.1296	0.4313	1.1009	0.7083	-0.3122	-0.5025
PVX_100680	-0.7113	-0.64	-0.0405	-0.1291	0.2818	0.2768	-0.1794	-0.2677	-0.6005
PVX_001095	0.0343	0.256	0.524	0.5764	0.8228	0.3441	-0.1667	-0.3145	-0.2178
PVX_122985	-0.5568	0.4389	0.9122	0.7415	0.6641	0.1165	-0.0677	-0.233	-0.1416
PVX_096395	-0.1966	-0.1764	-0.2322	-0.0955	0.0318	-0.1196	-0.2095	-0.0335	-0.2619
PVX_099060	0.1741	-0.164	-0.2525	-0.3894	-0.3994	-0.4711	-0.5065	0.51	0.832
PVX_117080	0.0185	0.3428	0.6387	0.8889	0.8068	0.0194	0.0147	0.1656	0.4332
PVX_092015	-0.2499	-0.625	-0.8832	-0.8275	0.0594	0.8175	0.7477	0.3669	0.2523
PVX_094670	1.1456	0.4225	-0.3326	-1.0284	-1.3113	-1.3498	-0.4123	0.8063	1.5778
PVX_101595	1.4901	0.4794	-0.257	-0.4265	-1.0515	-1.2035	-1.2	-0.939	-0.293
PVX_100750	-0.4333	-0.0066	0.1413	0.088	0.1611	0.4929	0.5172	-0.0938	-0.2449
PVX_124100	-0.6304	0.0986	0.4256	0.5377	0.4267	-0.2965	-1.0525	-1.4316	-1.441
PVX_086875	0.2146	0.2323	-0.0213	0.0316	-0.1978	-0.4692	-0.0953	0.3251	0.2394
PVX_085405	0.0852	0.3619	0.3693	0.3818	0.2245	0.0008	0.0079	0.035	0.0227
PVX_090875	-0.0797	0.1598	0.3371	0.5326	0.5343	-0.0558	-0.6201	-0.5771	-0.3078
PVX_114125	0.1252	-0.2392	-0.348	-0.0569	0.2979	0.0635	-0.0571	0	0.4895
PVX_088935	-1.135	-0.6488	-0.3038	0.1454	0.4805	0.6024	0.1108	-0.5201	-0.7388
PVX_085190	-0.7485	-0.853	-0.1228	0.3896	0.6953	0.8927	0.0133	-0.5923	-0.3017
PVX_097650	0.0877	0.6725	0.5768	0.4432	0.3328	0.0826	-0.1682	-0.1788	-0.1632
PVX_116880	0.1623	0.2634	0.1401	-0.1826	-0.1032	-0.26	0.3358	0.3334	0.0699
PVX_085850	-0.7924	-1.054	-0.4672	0.3869	0.7784	0.9072	0.3292	-0.2729	-0.5166
PVX_092245	-0.4534	-0.5923	-0.5837	-0.6066	0.2605	0.4705	1.0149	1.2663	0.6924
PVX_079890	-0.286	-0.9342	-1.1496	-1.2296	0.0055	0.5658	0.5365	0.2405	0.3975
PVX_079865	-0.341	0.1361	0.2248	0.2471	0.4632	-0.0886	-1.0322	-0.9761	-0.8846
PVX_123135	0.2838	0.2978	0.1928	0.0113	0.0502	0.3269	0.5859	0.5119	0.0551
PVX_096125	-0.3601	-0.2342	-0.2959	-0.5649	-0.7752	-1.0346	-0.9621	-0.647	-0.6927
PVX_099325	-0.4692	-0.24	-0.2061	-0.4288	-0.1815	-0.7061	-1.0544	1.0482	1.2931
PVX_091115	0.9078	0.5968	0.6685	0.6147	0.3285	-0.2895	0.0407	0.6671	0.9091
PVX_114035	-0.2541	0.6954	0.8824	0.8023	0.4523	0.1698	-0.7478	-1.0392	-1.0732
PVX_119550	0.0481	-0.0964	-0.3578	-0.5772	-0.1238	0.1589	0.4485	1.195	0.715
PVX_097945	-0.5336	0.0714	0.2371	0.2104	0.4406	0.1711	0.071	-0.2189	-0.5259
PVX_001780	-0.3822	0.0382	0.1115	0.0516	0.2492	0.6179	0.5255	0.5184	-0.0103
PVX_117865	0.0055	0.1769	0.2421	0.4566	0.2201	-0.1541	-0.5308	0.5022	0.5408
PVX_000935	0.3695	0.3933	0.3984	0.3036	0.5025	0.5409	0.0821	-0.598	-0.4394
PVX_091790	0.343	0.302	0.1851	0.1651	0.3318	0.6012	-0.1123	-0.6908	-0.7804

PVX_003785	-0.3114	0.0427	-0.0127	0.0325	-0.0402	-0.6274	-0.553	-0.2187	-0.6202
PVX_086330	-0.2489	-0.4284	-0.162	-0.0691	-0.1593	0.0638	-0.0393	0.237	0.5635
PVX_096330	-0.7279	-0.3062	-0.1477	-0.0858	0.1333	-0.0543	-0.3392	-0.6656	-0.8881
PVX_083245	-0.0638	-0.0541	-0.011	0.0153	0.4161	0.5359	0.3188	0.212	0.0526
PVX_083025	0.3975	0.1073	-0.1533	-0.3982	-0.0245	-0.0192	0.09	0.4402	0.7455
PVX_119600	0.5431	0.4587	0.3482	0.4118	0.4687	0.2563	0.1248	0.2833	0.2115
PVX_089655	-0.9872	-0.1268	0.319	0.4443	0.4198	0.033	-0.5303	-0.9417	-1.0382
PVX_089560	-0.3668	-0.1547	0.2258	0.5357	0.3967	0.5142	-0.0031	-0.036	-0.2212
PVX_082565	0.6561	0.4176	0.4109	0.4284	0.0918	0.1508	-0.156	-0.1734	0.0483
PVX_080465	1.0567	0.1775	-0.2978	-0.9881	-1.382	-0.9863	0.4852	0.9284	1.3611
PVX_091710	0.1767	-0.0521	-0.2002	-0.3607	-0.2366	-0.263	0.1972	0.5307	0.6984
PVX_119640	-0.4364	-0.1377	-0.0391	0.0932	-0.2328	-0.4719	-0.3362	-0.2131	-0.6311
PVX_083560	-0.2728	0.238	0.158	0.0851	-0.0663	0.0474	-0.322	-0.7525	-0.5797
PVX_114440	0.2441	0.5613	0.5875	0.6278	0.5045	0.0116	-0.4115	-0.3724	-0.2752
PVX_119250	-0.1095	-0.339	-0.2648	-0.09	0.2842	0.7884	0.365	-0.2411	-0.3893
PVX_089275	0.0481	-0.1371	-0.2763	-0.5008	-0.4238	0.0948	0.4184	-0.4519	-0.3144
PVX_089030	0.0304	0.3571	0.553	0.5587	0.4852	-0.1334	0.1982	-0.2306	-0.5868
PVX_121345	-0.0606	-0.1793	-0.4807	-0.5341	-0.4075	-0.0702	0.1448	0.5284	0.3956
PVX_002685	-0.1485	-0.1383	0.131	0.2466	0.4472	0.6443	0.2112	-0.0692	-0.0464
PVX_080345	-0.6331	-0.1007	-0.0229	0.0421	-0.0452	0.0281	0.5111	0.12	-0.397
PVX_114670	0.3333	0.501	0.2051	0.094	0.2264	0.6602	0.3626	-0.5242	-0.7664
PVX_122015	-1.0377	-1.0815	-1.0249	-0.8467	-0.662	0.6407	1.3119	0.5541	0.0427
PVX_101470	0.8526	0.2941	0.2416	0.1462	-0.0849	0.1084	-0.5732	-0.6107	-0.5157
PVX_091520	0.3721	0.8962	0.8506	0.6362	0.5567	-0.3483	-0.5772	-0.2549	-0.3621
PVX_084095	1.7188	0.7811	0.3107	0.4175	0.1235	-0.0156	-0.1614	0.1283	0.311
PVX_081585	-0.3435	-0.2639	-0.2003	-0.4152	-0.4669	-0.2426	0.1603	0.4667	0.2197
PVX_090275	1.6601	-0.012	-1.0145	-1.4739	-1.6459	-0.2729	-0.3297	-0.7858	-0.3657
PVX_085670	0.3372	0.7971	0.6884	0.2577	-0.1332	-0.4822	0.3472	0.2657	0.5233
PVX_003570	-0.5743	-0.3762	-0.4025	-0.3816	-0.4725	-0.4084	-0.3782	-0.3589	-0.5088
PVX_085350	-0.2144	-0.6181	-0.5921	-0.0701	0.0152	0.3518	0.9052	1.0913	0.5127
PVX_098085	0.0455	0.103	-0.0049	-0.1552	-0.0957	0.2158	0.2811	-0.0031	0.2298
PVX_119210	1.592	1.3895	1.0775	0.4608	0.3644	-0.2775	-0.4341	-0.5285	-0.1608
PVX_098750	-0.2068	-0.4066	-0.3552	-0.2602	0.073	0.5965	0.4839	-0.0893	-0.1611
PVX_100580	-0.906	-0.9865	-0.9306	-0.8499	-0.6352	0.4549	1.1771	0.4296	-0.2665
PVX_114145	-1.5824	-1.7799	-1.8379	-2.0434	-1.8463	-1.0974	1.3945	1.0298	0.0495
PVX_115240	0.6235	0.4717	-0.0832	-0.1725	-0.2283	-0.1018	0.1816	0.3285	0.6433
PVX_092090	-0.2952	-0.0865	0.3838	0.56	0.5555	0.6884	0.0851	-0.2666	-0.3865
PVX_091020	1.0418	0.5456	0.0563	-0.4044	-0.5773	-0.8793	0.3665	1.0879	1.2471
PVX_083520	0.9199	0.3963	0.1969	0.2169	0.1721	-0.1228	0.241	0.993	1.427
PVX_085335	0.3273	0.2197	-0.0754	-0.1812	-0.3608	-0.315	-0.0324	0.4157	0.1631
PVX_091645	0.2315	0.1207	-0.2459	-0.4011	-0.6659	-0.003	0.1038	-0.1394	-0.2705
PVX_099190	-0.0364	-0.5541	0.0098	0.4266	0.7845	0.0536	-0.4912	-0.0202	0.1541
PVX_002745	-0.013	-0.3607	-0.7188	-0.9547	-0.8188	0.8345	1.1779	0.6537	0.3822
PVX_101025	-0.6013	-0.4063	-0.0047	0.3822	0.6565	0.5056	0	-0.4436	-0.39
PVX_122305	0.2628	0.0044	-0.0999	-0.0012	0.2121	0.4351	0.6293	0.3278	0.0325
PVX_110875	0.6419	-0.1986	0.3173	0.3171	0.2854	-0.3027	0.252	0.7089	0.7938
PVX_090075	-1.1467	-1.5501	-1.6989	-2.1019	-1.8901	-1.8046	1.3896	1.5042	0.2353
PVX_123220	-0.4155	-0.6434	-0.843	-0.9041	0.1361	0.4498	0.7075	0.4629	0.0823
PVX_100825	-0.6541	-0.624	-0.6431	-0.3517	-0.3356	0.0679	0.3839	0.1252	-0.3287
PVX_090145	-1.5988	-1.1754	-0.9467	-0.7716	-0.3825	0.5068	0.9704	0.3351	-0.4192
PVX_096055	-0.7197	-0.6103	-0.6967	-0.1672	-0.3589	-0.7898	-1.0194	0.6531	1.1101
PVX_089555	0.6061	0.7479	0.9456	0.6331	0.4119	0.1842	0.2339	0.5179	0.478
PVX_084935	-0.2208	-0.3597	-0.4099	-0.3254	0.0258	0.5924	0.989	0.6674	0.3572
PVX_111310	0.2169	0.422	0.4165	0.2599	0.1078	0.2215	0.0176	-0.4602	-0.6677
PVX_099575	-0.2068	-0.0802	0.2354	-0.0308	0.1621	-0.1149	-0.1551	-0.0977	-0.1534
PVX_118435	0.2856	0.2717	0.3044	0.2907	0.1677	0.0963	0.2449	-0.1436	-0.1516
PVX_122155	-0.7772	-0.0842	0.2079	0.2756	0.4255	0.5693	0.4946	-0.4452	-0.5475
PVX_088885	-0.1482	-0.3727	-0.2772	-0.102	0.4303	0.2862	0.2289	-0.1412	-0.1857
PVX_117515	0.3647	0.1756	-0.0568	-0.2576	0.2589	0.6981	0.4639	0.0616	-0.0876
PVX_003850	-0.4891	-0.4625	-0.4327	-0.3911	-0.175	0.5216	0.9145	1.1488	0.5662
PVX_121350	1.7634	1.2822	0.8658	0.6028	0.5076	0.4269	-0.0037	-0.1568	-0.0944
PVX_084275	-0.2477	-0.2518	-0.3133	0.0245	-0.0284	-0.3324	-0.1522	0.1652	0.3737
PVX_001620	-0.473	-0.3231	-0.4577	-0.3735	0.4356	1.0593	0.8156	0.3403	-0.2523

PVX_116545	-0.1058	-0.0954	-0.342	-0.3509	-0.4063	0.1045	0.5002	0.2455	0.0424
PVX_122505	1.5518	0.2832	0.0332	-0.1756	-0.42	-0.8468	-1.1247	-0.8119	-0.3333
PVX_124055	-0.9329	-0.5624	0.2519	0.5431	0.61	0.1764	-0.537	-0.6095	-0.4287
PVX_088080	0.0309	0.3775	0.7591	0.8632	0.7956	0.3755	-0.0897	-0.2874	-0.2167
PVX_089260	-0.3102	0.3662	0.802	0.9206	0.6571	0.2315	-0.2572	-0.2647	-0.1242
PVX_098070	0.0197	0.4111	0.5711	0.5288	0.2992	0.4336	0.0437	-0.5164	-0.4282
PVX_083405	0.5757	0.565	0.6671	0.6105	0.3702	-0.2606	-0.6653	-0.2186	0.2937
PVX_086050	-0.0828	-0.2229	-0.3754	-0.3254	-0.3404	-0.1427	0.0611	0.5718	0.7071
PVX_092340	0.346	0.1012	0.1558	0.3105	0.2831	0.3367	0.5124	0.6913	0.4018
PVX_091375	-0.2661	0.2244	0.2295	0.1907	0.1605	-0.0352	0.2682	0.0737	-0.3241
PVX_096360	0.8171	0.0929	-0.3747	-0.6736	-0.9018	-0.3087	0.273	0.7665	1.0303
PVX_085810	-0.1211	0.0433	0.0691	0.04	0.1227	0.1391	-0.2177	-0.4403	-0.4393
PVX_091655	-1.213	-0.2054	0.1294	0.2994	0.1842	0.6027	0.3742	-0.2343	-0.9071
PVX_092995	1.9063	0.1075	-0.9145	-1.3675	-1.6519	-1.5616	-1.496	-0.6426	0.2051
PVX_094770	0.4684	-0.2233	-0.7222	-1.1488	-1.0403	-0.9052	-0.1175	0.499	0.9907
PVX_081290	0.6048	0.5259	0.3584	0.1678	-0.1656	-0.3333	-0.3551	0.2082	0.6779
PVX_086260	0.4348	0.1925	-0.1279	-0.242	0.1123	-0.175	0.2793	0.5642	0.843
PVX_084535	-0.0572	-0.1386	-0.3988	-0.4924	-0.6651	-0.4706	0.089	0.5545	0.5188
PVX_081690	0.1482	0.1437	0.524	0.6989	0.6791	0.4258	-0.0692	0.2017	0.0756
PVX_002840	0.9173	0.6578	0.5541	0.4166	0.5585	0.282	-0.0711	-0.2598	-0.1181
PVX_123165	-0.7538	-0.1553	0.2613	0.3935	0.3404	0.4178	0.068	-0.5427	-0.6836
PVX_083445	0.6879	0.5175	0.335	0.1243	0.086	0.2765	0.1238	0.3985	0.5967
PVX_087130	-0.0318	0.3364	0.3533	0.376	0.372	0.0822	0.1887	0.2344	-0.089
PVX_085800	-0.1013	-0.1714	-0.0492	0.1193	0.1663	0.2277	0.1355	0.2174	0.1139
PVX_123895	0.3822	0.3976	0.2295	0.0291	0.0218	0.1585	0.4465	0.534	0.2988
PVX_092175	-0.6849	-0.2291	-0.1561	0.0486	-0.1715	-0.7272	-0.7736	-0.7142	-0.9824
PVX_099955	0.0605	0.1507	-0.2696	-0.5079	-0.4389	0.8877	0.5014	-0.0932	0.102
PVX_085020	-0.5	0.0245	0.2228	0.3299	0.583	0.2911	0.0068	-0.0791	-0.364
PVX_000690	0.3993	0.0805	0.1995	0.4329	0.3366	0.6501	0.4805	-0.0539	-0.232
PVX_099530	-0.6308	-0.4318	0.4612	0.7082	0.7973	-0.0915	-0.5317	-0.1739	-0.4263
PVX_094265	0.1246	0.2201	0.2148	0.4047	0.2416	0.0055	-0.1846	-0.0355	-0.1668
PVX_088895	-0.1522	0.5319	0.6198	0.3587	0.1167	-0.3389	-0.8203	-0.9062	-0.7163
PVX_110860	-0.5194	-0.6863	-0.7698	-0.8665	-0.1877	0.4804	0.9273	0.7324	0.5219
PVX_078195	0.6274	0.5554	0.4809	0.2265	0.1477	-0.6777	-0.8968	-0.2584	0.2947
PVX_080505	1.0521	0.9391	0.8977	0.7361	0.4387	0.0782	-0.1677	-0.1238	0.1189
PVX_095100	1.1922	0.1785	-0.1903	-0.1812	-0.2581	-0.6215	0.147	0.7415	1.1193
PVX_080285	-0.7631	-0.8606	-0.889	-0.8798	-0.6769	0.2577	0.4479	-0.9137	-0.9378
PVX_081515	0.6184	0.8848	0.3955	0.1236	-0.0926	-0.6107	-0.9755	-0.4901	0.0239
PVX_121995	-0.2634	-0.4996	0.0831	0.1216	0.3268	0.4258	-0.2511	-0.4219	-0.1242
PVX_089585	0.7057	0.7513	0.266	-0.396	-0.6792	-0.7925	-0.442	0.3459	1.1783
PVX_114140	0.1891	0.4537	0.6684	0.4607	0.6398	0.3268	0.3388	0.097	0.2471
PVX_118475	-0.3724	0.1061	0.4737	0.7312	0.5751	-0.2594	0.0474	0.0804	-0.2821
PVX_089910	-1.0925	-0.8112	-0.5341	-0.4212	0.3439	0.9672	0.4342	-0.4556	-0.6764
PVX_122795	0.5461	0.1666	-0.1057	-0.2369	0.1189	0.2372	0.3168	0.6407	0.7975
PVX_111245	-1.6535	-1.9189	-2.4107	-2.6327	-1.9067	0.7074	0.8267	0.1078	-0.6412
PVX_089775	1.4004	0.4739	-0.0774	-0.3812	-0.7443	-0.6528	-0.1852	-0.133	-0.086
PVX_092040	0.282	0.3068	0.3811	0.5078	0.2983	0.5301	0.5298	0.4041	0.0206
PVX_118525	-0.5782	-0.2704	-0.0994	-0.1539	-0.3667	0.071	0.533	0.241	-0.2232
PVX_092215	0.3739	0.6696	0.7203	0.8304	0.7263	-0.0398	-0.7646	-1.0799	-0.9576
PVX_118045	-0.0734	0.2432	0.5606	0.6358	0.5288	-0.0657	-0.0131	0.2497	0.5153
PVX_084695	-1.1588	-0.0341	0.2885	0.6038	0.4192	0.8492	-0.3989	-0.7803	-1.0661
PVX_003575	-0.5226	-0.4829	-0.4629	-0.2099	0.0745	-0.0343	-0.0008	-0.0795	-0.1105
PVX_098715	-2.177	-1.8067	-2.5056	-2.671	-2.7439	0.0325	0.8667	0.3079	-0.1557
PVX_101530	1.2311	0.3655	-0.9856	-1.6956	-2.2303	-2.2539	-2.1306	-0.76	0.1356
PVX_086895	0.1655	-0.0562	-0.1831	0.1048	-0.1267	-0.1461	-0.1678	-0.1415	-0.3602
PVX_085270	0.4586	0.7679	0.7332	0.817	0.7017	0.3996	-0.3122	-0.9198	-0.7894
PVX_119735	0.6315	0.6069	0.442	0.3252	-0.0256	0.1375	-0.3719	0.0334	0.6032
PVX_114715	0.5733	0.6143	0.6377	0.3177	0.194	0.0371	-0.3395	-0.3579	-0.2038
PVX_116675	-0.4343	0.293	0.4122	0.4395	0.4639	0.629	-0.1225	-1.029	-1.2287
PVX_100715	0.1399	0.0912	0.1109	0.0743	0.0103	-0.342	-0.1971	-0.3483	-0.5151
PVX_117910	0.1777	0.0636	-0.0062	-0.025	-0.0377	0.5619	0.3126	-0.3817	-0.3291
PVX_085600	0.1808	0.2607	-0.0801	-0.1684	0.0405	0.1822	0.5256	0.9323	0.932
PVX_084390	0.3079	0.0716	0.1116	-0.0127	-0.0143	-0.0586	-0.136	-0.4412	-0.4282

PVX_088780	0.4782	0.3972	0.2925	0.342	0.3774	0.356	0.5107	0.8079	0.9551
PVX_123620	-0.8157	-0.4422	-0.3207	-0.1361	-0.0171	0.489	-0.095	-0.6907	-0.8047
PVX_091850	-0.0271	0.6195	0.9781	0.9095	0.4246	-0.7735	-0.9264	-0.7491	-0.3619
PVX_113870	-0.409	-0.2551	-0.6621	-0.6976	-0.5222	-0.0435	0.6778	0.5029	0.1055
PVX_091195	0.3264	0.3617	0.3893	0.2314	0.3311	0.2802	0.3137	0.3876	0.0865
PVX_087010	-0.0833	0.395	0.6941	1.041	1.0162	0.4186	-0.1103	-0.2949	-0.3354
PVX_080515	0.5424	0.7113	0.6541	0.2419	-0.5222	-0.8523	-0.5683	-0.201	0.2768
PVX_003520	-2.4903	-2.4592	-2.6069	-2.8133	-2.4721	1.1495	1.3088	0.1218	-0.5803
PVX_117020	0.0193	0.0182	0.0752	0.271	0.0208	-0.3813	-0.631	-0.7713	-0.6884
PVX_108765	0.2424	0.1871	0.1423	-0.045	0.0275	-0.0232	-0.2459	-0.3269	-0.1264
PVX_117935	-0.6247	0.0781	0.8126	0.7032	0.5554	-0.0923	-0.2807	-0.2953	-0.3968
PVX_001730	-0.5004	-0.7352	-0.2494	-0.0256	0.1235	-0.3098	0.1757	0.045	-0.0596
PVX_118635	-0.4661	0.397	0.5489	0.7	0.3965	0.0608	-0.6051	-0.4819	-0.3675
PVX_094975	0.3237	0.0878	0.1317	-0.1157	-0.0175	0.4793	0.4664	0.0194	-0.3445
PVX_080395	0.1184	-0.1616	0.0754	-0.0069	0.2049	0.1157	-0.1674	-0.1632	-0.3294
PVX_079975	-0.5046	-0.4455	0.2465	0.6305	0.5491	0.1322	-0.1708	-0.2993	-0.2241
PVX_093565	0.3207	0.4698	0.475	0.3596	0.3921	0.0124	0.4813	0.8104	0.7057
PVX_118490	-0.4005	-0.6258	-0.3281	-0.3899	-0.141	0.6836	0.9256	0.1493	-0.0583
PVX_124015	-0.5253	-0.4563	-0.7197	-1.0642	-0.4247	-0.061	0.6666	0.7935	0.4667
PVX_082790	-0.3769	0.1986	0.22	0.2724	0.2552	0.3482	-0.3791	-0.5106	-0.4914
PVX_081770	0.7642	0.6651	0.4775	0.4703	0.326	-0.1018	-0.3011	-0.39	-0.3678
PVX_117375	0.3442	0.2277	0.3525	0.4234	0.4379	0.6101	0.3512	-0.0245	-0.1327
PVX_116860	0.1053	0.3924	0.2406	0.3271	0.2882	-0.2074	-0.3894	-0.0877	0.0509
PVX_092180	0.3598	0.1518	-0.1445	-0.6082	-1.0468	-1.0581	-0.5971	0.3596	1.3013
PVX_111080	0.3205	0.3594	0.2818	0.3195	0.3986	0.1418	-0.2157	-0.3659	-0.4589
PVX_092570	0.2114	-0.1403	-0.2088	-0.0461	0.2308	-0.4172	-0.6277	-0.4159	-0.2915
PVX_111465	-0.2149	-0.5879	-0.985	-1.4948	-1.7836	-2.0411	-1.7291	0.8222	1.4394
PVX_119475	0.239	0.465	0.3524	0.386	0.1484	0.1775	-0.6883	-1.0168	-1.1006
PVX_088020	-0.0332	-0.1513	-0.0996	-0.0778	0.0466	-0.0704	-0.2369	-0.0682	-0.1413
PVX_088930	-0.7862	0.3021	0.5781	0.5924	0.5703	0.3535	-0.2547	-0.5166	-0.3791
PVX_122680	-0.2831	0.2222	0.3196	0.515	0.9132	0.5116	-0.3676	-0.5899	-0.3796
PVX_123735	-0.3072	-0.241	-0.2764	-0.2844	-0.0904	0.0797	-0.237	-0.3769	-0.3425
PVX_084405	0.3406	0.1633	-0.176	-0.3514	-0.5307	-0.2019	-0.4332	-0.1989	0.4865
PVX_080155	-0.1863	-0.3666	-0.3855	-0.1942	0.7328	0.6168	0.04	0.268	0.2594
PVX_089620	-0.8357	-0.1248	0.3463	0.2925	-0.0228	-0.2103	-0.7384	-0.7863	-0.8681
PVX_100980	0.4365	0.6621	0.5663	0.3892	0.2613	-0.1631	-0.5341	-0.4665	-0.4566
PVX_116600	-0.1951	-0.132	-0.0364	0.1611	-0.0822	0.4677	0.3714	-0.0005	-0.0053
PVX_114450	0.3287	-0.3112	0.0864	0.5845	0.963	0.2876	-0.1845	0.0494	0.1512
PVX_080660	0.2153	0.004	0.006	0.0307	0.1275	0.2044	0.2924	-0.0022	-0.3944
PVX_115045	-0.1299	-0.1613	0.0243	0.1549	0.3984	0.2274	0.2074	0.1239	0.2799
PVX_092785	1.0661	0.1574	-0.2211	-0.5622	-0.2804	-0.2014	0.288	0.8336	1.2829
PVX_089185	0.0572	0.2307	-0.2698	-0.8145	-0.8863	-0.9932	-0.7964	-0.124	0.5677
PVX_114230	-0.3998	-0.4714	-0.0186	0.3427	0.5166	0.5504	0.2629	0.2137	0.1154
PVX_092875	-0.7882	-0.0632	0.1129	0.2322	0.364	0.5401	0.3267	-0.4384	-0.5548
PVX_119780	-1.1437	-1.0269	0.0488	0.7702	0.1349	0.4905	-0.0986	-0.3663	-0.4998
PVX_082535	0.6589	0.3704	0.445	0.6567	0.3541	0.0954	0.5317	0.6088	0.5466
PVX_081520	0.5405	0.5104	-0.2888	-0.2807	0.0134	-0.0492	0.1846	0.8248	0.9171
PVX_087070	-0.2593	0.3672	0.4616	0.5254	0.6025	-0.1575	-0.8407	-0.8742	-0.9452
PVX_085970	-0.0445	-0.5617	-0.6949	-0.4053	-0.4771	0.3772	-0.3402	-0.2709	-0.095
PVX_085715	0.0708	0.3045	0.293	0.4047	0.0849	0.0839	-0.2112	-0.3922	-0.1462
PVX_093575	0.186	0.1051	0.2148	0.0224	0.5004	0.4145	0.2684	-0.0022	0.0848
PVX_111435	-0.4871	-0.0322	0.0307	0.0159	-0.0157	-0.3956	-0.0172	-0.0757	-0.3155
PVX_091355	-0.5855	-0.5794	-0.5905	-0.5931	-0.456	-0.1416	0.6441	0.3105	-0.242
PVX_092075	-1.7267	-0.6308	-0.2629	0.3383	0.594	1.1976	-0.1302	-0.8422	-1.1066
PVX_094710	-0.006	-0.2025	-0.297	-0.216	0.4963	0.536	0.0999	0.2409	0.4269
PVX_111000	0.1754	0.3245	0.3463	0.0805	-0.0187	-0.1517	0.1079	0.1694	0.0213
PVX_001975	-0.4761	-0.06	-0.0891	0.2945	0.56	0.5729	-0.4527	-1.2259	-1.3319
PVX_094880	-0.4204	-0.223	-0.0725	0.1351	0.3898	-0.2322	0.139	0.1786	0.2005
PVX_010610	-0.321	-0.3467	-0.4306	-0.5447	-1.016	-1.0214	-1.0369	-0.7775	-0.6168
PVX_079840	0.4893	0.4807	0.5727	0.5589	0.5633	0	-0.847	-1.0695	-0.8851
PVX_099135	1.0621	0.8435	0.8347	0.6294	0.0792	-1.0967	-0.8525	-0.448	-0.2999
PVX_002870	-0.4378	-0.5256	-0.1045	0.3502	0.373	-0.1529	-0.3172	-0.3958	-0.3687
PVX_082660	-1.0624	-1.1448	-1.1668	-0.0543	0.9743	0.606	0.3453	-0.0914	-0.3804

PVX_088995	0.7021	0.4912	0.2673	0.1058	0.2914	0.1578	0.061	-0.3191	-0.2614
PVX_089765	-0.9194	-0.1916	-0.5069	-0.8091	-1.1173	-1.5878	-1.6534	0.8103	1.3502
PVX_001930	-0.8453	-0.0182	0.1051	0.2275	0.5263	0.7462	-0.0305	-0.7657	-1.0502
PVX_097970	0.2616	0.3765	0.2087	0.2216	0.2417	0.1474	0.0823	-0.353	-0.5039
PVX_003720	0.1082	0.3239	0.3419	0.339	0.2086	0.0302	-0.4094	-0.5447	-0.2256
PVX_090000	0.1081	-0.0413	0.0663	0.4919	0.2862	0.115	-1.252	-1.7659	-1.5442
PVX_087165	0.8303	0.0245	-0.1029	-0.5202	-0.8078	-0.7214	-0.4932	0.371	1.3027
PVX_089250	0.2181	0.6616	0.6896	0.6647	0.5981	-0.2285	-0.7238	-0.8875	-0.7135
PVX_083085	-0.2037	-0.3173	-0.4838	-0.4921	-0.481	0.3036	0.6455	0.4359	0.0266
PVX_003675	0.0069	-0.06	-0.0627	-0.0482	-0.1455	-0.1549	-0.0455	-0.0304	-0.1251
PVX_001040	-0.079	-0.2763	-0.1801	-0.4278	-0.2236	-0.0638	0.705	0.8111	0.406
PVX_121900	1.271	1.1212	0.7213	0.5211	-0.0612	-1.097	-1.1956	-0.4616	0.0281
PVX_116745	-0.1775	-0.3564	-0.2915	-0.3085	-0.2259	0.1615	0.5207	0.4649	0.3452
PVX_123265	-0.045	0.074	0.2591	0.4016	0.4866	0.3882	0.3441	0.1432	-0.0488
PVX_003600	-0.1171	0.2325	0.3528	0.5503	0.7291	0.3807	0.0213	-0.0031	0.0811
PVX_091185	-0.5136	-0.6306	-0.7128	-0.8648	-0.6863	-0.2068	-0.1022	-0.5785	-0.8757
PVX_094415	1.1057	0.2795	0.5077	0.1299	0.8985	0.0408	-1.1707	-1.3811	-0.7469
PVX_123475	0.2353	-0.0938	-0.3169	-0.3452	-0.2089	-0.0788	0.2766	-0.0837	-0.2704
PVX_092030	0.1246	0.4869	0.4812	0.4815	0.5955	0.7452	-0.0658	-0.717	-0.9591
PVX_117270	-1.5437	-1.3466	-1.5838	-1.8049	-1.9173	-1.5062	1.216	1.1847	0.2756
PVX_100525	0.6703	0.5943	0.1495	-0.1873	-0.0507	-0.0895	-0.1143	-0.011	0.3114
PVX_091690	-0.1544	-0.2034	-0.5189	-0.4377	-0.3122	0.3932	1.0202	0.7151	0.5584
PVX_082495	0.412	0.5131	0.2755	0.2263	0.3622	0.3875	-0.1529	-0.2917	-0.0525
PVX_117035	0.4848	0.1969	0.378	0.3709	0.0253	0.0791	0.2252	0.1871	0.1689
PVX_003970	-1.7046	-1.5219	-0.662	0.4582	1.0265	0.4772	-0.6005	-1.2226	-1.377
PVX_114780	0.3698	0.1665	-0.0214	-0.5078	-0.3776	-0.8292	-0.5849	0.055	0.7832
PVX_115410	-0.1975	-0.3218	-0.0995	0.548	0.6371	0.8211	0.3568	0.1311	-0.0704
PVX_085220	-0.6063	-0.0926	-0.1658	-0.1685	-0.1642	-0.7692	-0.4627	-0.2558	-0.8979
PVX_085570	-0.2186	0.0826	0.2964	0.3116	0.4317	0.4488	0.1123	-0.6013	-0.3527
PVX_098705	0.1047	0.0258	-0.1024	-0.1245	-0.2197	0.0956	0.0786	0.1291	0.1454
PVX_097570	-0.9654	-1.5508	-1.68	-1.458	-1.5105	-1.5103	-1.4389	0.8174	0.7915
PVX_000570	-0.154	-2.1763	0.1293	0.0106	-0.2701	-0.075	0.5078	0.7344	0.4327
PVX_080175	-0.3756	0.2996	0.5665	0.4783	0.5194	0.3019	-0.1693	-0.3302	-0.3246
PVX_113285	-0.1498	0.6672	0.9133	0.9569	0.8366	0.3937	-0.1363	-0.3992	0.0233
PVX_102640	-0.6306	-0.2771	0.6998	0.7002	0.2101	-0.564	-0.5241	0.1042	0.1182
PVX_087950	-0.7351	-0.1312	0.1466	0.2715	0.3512	0.5901	-0.9738	-1.5139	-1.3867
PVX_018150	0.5911	1.0072	0.6253	0.7721	0.5197	-0.0627	-0.1598	-0.1988	-0.4841
PVX_084445	0.3342	-0.3165	-0.1507	-0.3258	-0.0557	0.4462	0.1566	0.5659	0.66
PVX_116845	-0.2275	-0.1817	0.0794	0.3827	0.5829	0.4979	0.2035	0.1122	-0.2803
PVX_079795	-0.588	0.0632	0.3229	0.4623	0.1498	-0.1699	-0.3582	-0.2344	-0.5866
PVX_111060	0.1899	-0.2678	0.1394	0.4833	0.5376	0.0841	0.0135	0.2849	0.4141
PVX_083310	-0.5132	-0.1165	-0.0882	0.061	0.1893	0.0803	0.2574	0.1806	-0.2747
PVX_117445	-0.4045	-0.5807	0.0343	0.0045	0.4659	-0.0272	-0.0041	0.3443	-0.0854
PVX_001015	0.8359	0.2186	-0.22	-0.1894	-0.6481	-0.7331	0.1394	0.8314	1.2793
PVX_003625	0.0328	-0.0835	-0.3399	-0.0225	0.0452	-0.4892	-0.3665	0.2276	0.512
PVX_114475	0.8831	0.9071	0.6228	0.5406	0.1824	-0.1632	-0.0686	-0.0943	0.3081
PVX_096940	0.3069	0.0525	0.3088	-0.0165	-0.1345	0.0529	0.2164	0.2706	0.1733
PVX_094370	-0.1323	-0.4502	-0.7018	-0.7584	-1.0763	-0.528	1.1054	1.2138	0.7836
PVX_087855	0.0369	-0.3138	-0.4725	-0.4379	-0.4508	-0.6609	-0.3026	0.2154	-0.241
PVX_086205	0.6391	-0.1507	-0.4181	-0.4524	-0.3725	-0.1563	0.1866	0.8544	1.0829
PVX_101110	-0.4228	-0.1739	0.0179	0.2425	0.4693	0.2004	-0.5131	-1.0017	-1.0774
PVX_098690	-0.7561	-0.3281	0.3052	0.5787	0.3889	0.5253	0.0004	-0.555	-0.7035
PVX_088880	-1.8919	-1.3088	-0.6212	0	0.4219	0.8379	-0.0412	-1.0664	-1.2671
PVX_119415	0.4161	-0.3606	-0.2278	-0.1307	0.0214	0.1169	0.1655	0.5495	0.575
PVX_080540	0.341	0.0346	0.3775	0.7024	0.4481	0.1942	0.3465	0.6979	0.6969
PVX_094940	0.4678	-0.2245	-0.2366	-0.1847	-0.37	0.0671	-0.1034	0.0916	0.5971
PVX_086085	-0.2756	0.0146	0.4815	0.6121	0.4149	0.377	0.6492	0.6082	0.2216
PVX_119495	-0.5539	-0.8116	-0.7588	-0.1616	0.3288	0.5212	0.1015	-0.296	-0.2733
PVX_080490	0.4759	0.6585	0.4629	0.4634	0.6196	0.2568	0.0387	0.3706	0.4514
PVX_092295	0.0031	-0.2033	0.0492	0.1791	0.0998	-0.0022	-0.2353	0.0559	0.1409
PVX_088000	-0.075	-0.4765	-0.2769	-0.0533	0.0204	-0.1169	-0.0843	-0.2222	-0.1708
PVX_114395	0.1321	0.5572	0.4065	0.1453	0.2119	0.727	0.0201	-0.1711	-0.2888
PVX_088005	-0.1338	-0.0767	0.0432	0.1785	0.2016	0.4625	0.2158	0.3601	0.3903

PVX_114365	0.3613	-0.2806	-0.0821	-0.3351	-0.1869	-0.1478	-0.3345	-0.0116	0.7849
PVX_082645	0.5266	0.7301	0.7572	0.6932	0.7339	1.1529	-0.085	-0.9511	-0.8579
PVX_116915	-0.3343	-0.0967	-0.1267	-0.0415	-0.3242	-0.4231	-0.6755	0.3964	0.3491
PVX_080385	0.4997	0.5632	0.5953	0.4164	0.3786	0.3019	-0.6105	-0.8857	-0.7519
PVX_087135	-0.7768	0.0937	0.5333	0.3883	0.2728	0.3216	0.0298	-0.2712	-0.4162
PVX_084295	-0.4982	-0.08	-0.025	-0.0023	0.1065	0.1412	-0.3249	-0.269	-0.2533
PVX_082855	0.7521	0.46	0.5405	0.7865	1.1447	0.6194	0.1313	0.0156	-0.0973
PVX_123925	0.1323	0.4799	0.6394	0.7183	0.7025	0.4252	0.3951	0.3647	0.0257
PVX_094315	0.5692	0.4506	0.3207	0.1491	0.3601	0.2041	-0.5875	-1.1256	-1.0152
PVX_113945	-0.3572	-0.6452	-0.5479	-0.4131	-0.219	0.2546	0.6587	0.4714	0.2776
PVX_005055	0.935	0.0569	-0.2532	-0.0041	0.1439	0.703	-0.0181	-0.2811	-0.0973
PVX_113275	0.3088	0.156	0.273	0.3403	0.0744	0.2237	-0.0841	0.4046	0.8952
PVX_091205	0.0116	-0.1799	-0.1331	0.0129	0.3695	-0.0846	-0.4339	0.0384	0.4406
PVX_098585	-1.5971	-1.7427	-1.9059	-2.0376	-2.0186	-2.0637	-0.2858	1.3219	1.1423
PVX_101080	-0.4162	-0.1479	0.2249	0.0543	-0.3753	-0.0279	0.5546	0.863	0.6459
PVX_002925	-0.8621	-0.3718	-0.2336	-0.2659	0.3276	0.266	-0.0762	-0.7757	-0.6281
PVX_001075	0.0996	0.0054	-0.3754	-0.3921	-0.6592	-0.4756	0.2737	0.6811	0.6125
PVX_093640	1.2689	0.755	0.695	0.4138	0.2484	0.5593	0.0808	-0.0444	0.111
PVX_118105	0.1946	-0.0123	-0.117	-0.3586	0.0308	-0.0487	0.0127	0.1625	0.4726
PVX_123095	0.5654	0.8635	0.6246	0.4459	0.1456	-0.252	-0.9664	-0.7661	-0.1959
PVX_085685	-0.9373	-0.0845	0.6604	1.0228	0.5781	-0.5628	-0.9644	-0.8853	-0.4677
PVX_100950	-0.0318	0.4209	0.5154	0.5081	0.4958	0.5906	0.2079	-0.0055	-0.0884
PVX_090925	-0.2266	-0.5707	-0.7863	-1.0291	-0.8179	-0.3867	0.5808	1.1231	0.6842
PVX_091345	-0.0322	-0.1873	-0.153	-0.0506	-0.0857	-0.1739	0.1051	0.1131	0.0878
PVX_094505	0.8355	0.6263	0.6562	0.7305	0.6074	0.0497	-0.861	-1.0934	-0.6883
PVX_101160	-0.9083	0.2524	0.5655	0.8834	0.7332	-0.3839	-0.7096	-0.7557	-0.8691
PVX_111445	-1.2015	-0.4468	-0.3467	-0.2238	0.0084	0.158	-0.0752	-0.7292	-1.073
PVX_115190	-0.2453	-0.2879	-0.291	-0.3421	-0.2662	0.2623	0.0452	-0.3059	-0.2944
PVX_116960	-0.1479	0.3868	0.5836	0.6594	0.3102	-0.0846	-0.3316	-0.4118	-0.3106
PVX_113325	0.205	0.7036	0.8604	0.8118	0.8145	0.0733	-0.2192	-0.3089	-0.2996
PVX_101010	0.3609	0.8038	0.6744	0.468	0.5107	-0.1973	-0.6316	-0.697	-0.543
PVX_100650	0.169	0.375	0.4057	0.3294	0.4856	0.4415	0.4169	0.1412	0.1508
PVX_110305	-0.1821	-0.3656	-0.3301	-0.4217	-0.5309	-0.4794	-0.3641	-0.1403	-0.1676
PVX_123110	0.9991	0.7741	0.6605	0.5916	-0.3051	-1.1283	-1.402	-0.6711	-0.3267
PVX_080390	0.8595	-0.0499	-0.2456	-0.4137	-0.2166	-0.3974	-0.2996	-0.1057	-0.1864
PVX_091730	0.4277	0.8055	0.7112	0.4481	-0.3234	-0.7457	-0.8476	-0.8106	-0.3349
PVX_117175	0.7724	0.0606	-0.0953	-0.2294	-0.3069	-0.1602	0.4792	0.7354	1.0112
PVX_122860	0.5323	0.0761	-0.2098	-0.6724	-0.903	-1.1177	-0.5443	0.46	1.3699
PVX_091535	0.4155	0.2025	-0.0765	-0.2797	-0.3774	-0.1517	-0.0239	-0.2352	-0.6182
PVX_100640	-0.5107	-0.0687	-0.0596	0.2238	0.7202	0.6421	0.3346	-0.3071	-0.2382
PVX_101380	0.3825	-0.0894	-0.1103	-0.2815	-0.3016	-0.5356	1.0415	1.29	0.7229
PVX_122170	0.3542	0.3329	0.5071	0.3926	0.2339	-0.5414	-0.6946	0.2934	0.6963
PVX_090960	-0.2	0.0247	-0.0526	-0.1134	-0.4058	-0.8242	-0.6754	0.7445	0.7156
PVX_001610	0.0329	0.1543	0.1048	-0.0374	0.3287	0.6187	0.2006	0.1404	0.057
PVX_101560	-1.3111	-1.331	-1.5524	-1.7016	-1.9093	-2.3419	-2.6988	-2.6095	-2.2649
PVX_123855	-0.344	-0.6877	-0.9798	-0.9149	-0.2245	1.0337	0.8145	0.0213	0.0528
PVX_096275	-0.4922	-0.1665	-0.0763	0.0517	0.1833	0.4107	-0.205	-0.7424	-0.6651
PVX_080605	0.7088	1.1594	0.8302	0.3123	-0.2036	-0.9054	-0.739	-0.8935	-0.8376
PVX_085730	0.028	0.1045	0.0827	0.3285	0.1187	-0.0711	-0.4368	-0.8377	-0.436
PVX_097845	0.4507	0.2093	0.3134	0.5069	0.7334	0.5791	0.5986	0.5746	0.4705
PVX_099970	0.617	-0.1632	-0.2721	-0.116	-0.1532	0.2104	0.4706	0.6815	0.7365
PVX_116970	1.007	0.4448	0.1362	-0.2745	-0.5906	-0.7446	0.0509	0.9098	1.6355
PVX_112640	-0.9665	-0.5252	-0.4372	-0.2572	-0.118	0.8918	0.6455	0.1614	-0.0525
PVX_001025	0.0121	-0.2345	-0.227	0.0032	-0.0382	0.1964	0.9462	0.5547	0.239
PVX_115135	-0.5987	0.3656	0.4888	0.5949	0.7008	0.2184	-0.5781	-0.8355	-0.8386
PVX_081465	0.1979	0.5992	0.5262	0.5342	0.3107	0.45	0.1686	-0.3121	-0.2742
PVX_123355	0.2341	0.271	0.1974	0.2796	0.2397	-0.0667	0.0411	0.3712	0.4531
PVX_096280	-1.3113	-0.2548	0.1014	0.5246	0.8332	0.686	-0.5687	-1.2453	-1.3979
PVX_116555	0.798	0.1203	-0.21	-0.3864	-0.4905	-0.2817	0.251	0.6824	0.8867
PVX_002830	-0.0065	0.4029	0.4134	0.2439	0.4423	0.5557	0.198	-0.3196	-0.3949
PVX_080565	0.3415	0.4109	0.2038	0.1685	-0.0059	0.0013	0.2072	-0.1643	-0.2769
PVX_124180	0.58	0.5268	0.6407	0.247	0.3726	-0.2887	-0.8422	-1.0357	-0.7284
PVX_089840	0.3202	0.6286	0.942	0.589	-0.4562	-1.6578	-1.703	-1.1176	-0.6233

PVX_082985	0.2066	-0.0665	-0.3583	-0.6296	-0.9973	-0.3419	0.099	0.597	1.0507
PVX_097595	-0.3462	-0.8432	-1.0326	-0.5409	0.4776	0.8113	0.4151	0.2188	0.0429
PVX_080635	-0.4503	-0.15	0.1175	0.276	0.3244	0.2746	0.1131	-0.2457	-0.4308
PVX_090885	0.2161	0.462	0.4047	0.3575	0.0752	0.1952	-0.3734	-0.0051	0.1333
PVX_115040	0.1823	-0.082	-0.1956	0.0187	-0.0135	-0.0907	-0.2092	-0.0676	0.5037
PVX_118220	0.7296	0.6031	0.5474	0.5258	0.3962	0.2597	-0.1068	0.1486	0.115
PVX_095385	-0.2859	0.1215	0.0134	-0.2159	-0.1813	-0.2418	0.1452	0.5571	0.2627
PVX_085660	0.8338	0.6162	0.5449	0.492	0.277	0.4296	-0.0311	-0.371	-0.317
PVX_113245	0.4064	0.5378	0.0968	-0.0037	-0.2934	-0.8608	-1.4236	-1.1305	-0.6856
PVX_114835	-0.2965	-0.4393	0.1352	0.283	0.5838	0.7947	0.285	-0.3438	-0.4183
PVX_081235	-0.9908	-0.9721	-1.117	-0.8269	-0.5628	0.8327	0.4219	-0.0039	0.0303
PVX_085530	-1.1449	-1.3393	-1.1604	-0.6554	-0.4518	0.9012	1.0161	0.0742	-0.3798
PVX_089900	-0.09	0.1371	0.2266	0.229	-0.2161	0.2276	0.3536	-0.2218	-0.5595
PVX_002645	-0.0423	-0.0352	0.3045	0.0789	-0.0385	0.0644	-0.3253	-0.1568	-0.1966
PVX_091405	-0.4374	-0.6862	-1.2598	-1.5177	-0.9685	0.8382	1.1421	0.0849	-0.3056
PVX_091170	0.1476	-0.0373	0.2546	0.1806	0.2539	-0.3187	-0.908	-1.3307	-0.8961
PVX_122510	-0.2852	-0.0611	0.1579	0.4761	0.3925	0.0295	-0.0897	-0.1937	-0.2776
PVX_123175	-0.4209	-0.2952	-0.0609	-0.3873	0.0743	0.371	0.0692	0.0122	-0.007
PVX_121925	-1.0244	-1.4123	-2.3197	-2.864	-3.2583	-2.8634	-2.2662	1.1675	1.5385
PVX_101485	-2.5911	-2.5425	-2.836	-2.9951	-2.9935	-0.4511	1.5599	1.1829	-0.1737
PVX_110830	-0.6584	-0.3939	-0.2284	-0.0108	-0.1739	-0.6196	0.36	0.4416	0.2924
PVX_001670	0.4844	0.6133	0.3048	0.1307	-0.3849	-0.4115	-0.3748	-0.2599	-0.3581
PVX_098725	0.2009	0.0028	0.007	-0.0587	0.2564	0.2794	0.4375	0.5061	0.8759
PVX_101205	-0.8552	-0.7127	-1.1004	-1.0739	-0.057	0.511	0.3328	0.133	0.1346
PVX_101575	1.2174	0.7155	0.6332	0.4505	0.0094	-0.903	-1.2781	-1.0643	-0.3006
PVX_108255	1.4101	1.0936	0.8667	0.2279	0.7218	0.8634	0.4952	0.3262	0.4995
PVX_101440	0.5238	0.241	0.205	0.262	0.3571	0.4702	0.2903	0.0475	-0.1092
PVX_115450	0.5846	0.7445	0.1799	0.1398	-0.3569	-0.9151	-1.4408	-1.1327	-0.6922
PVX_086915	-1.7073	-2.194	-2.4875	-2.9403	-2.6657	0.3111	1.1327	0.2972	-0.2705
PVX_084225	-0.2523	0.0664	0.1536	0.2327	0.2271	-0.3687	-0.8364	-1.1016	-0.4847
PVX_002785	-1.1425	-0.6724	-0.7738	-0.9652	-1.3306	-1.2258	-0.9775	0.9316	1.0418
PVX_095220	-0.0465	0.2108	0.4363	0.626	0.3512	0.0561	-0.6824	-0.7916	-0.8059
PVX_114495	-0.1538	0.1507	0.326	0.2919	0.2625	0.2737	0.1128	-0.2014	-0.0822
PVX_123760	0.0159	-0.3222	-0.443	-0.4445	0.0076	0.191	0.9511	0.6032	-0.0238
PVX_119770	-0.2131	-0.0786	0.3596	0.6792	0.6434	-0.0153	-0.6386	-0.662	-0.4514
PVX_082770	0.951	0.7736	0.5258	0.5525	0.4443	-0.2206	-0.9219	-0.8088	-0.3101
PVX_090140	-0.3735	-0.5682	-0.3653	-0.3511	-0.0157	0.0278	-0.0719	-0.1923	-0.349
PVX_114600	0.7877	0.4031	0.096	-0.3059	-0.5252	-0.5797	-0.2604	0.4795	1.0269
PVX_081230	0.0454	0.0298	0.2761	0.3651	0.4034	0.1616	-0.6877	-0.883	-0.7318
PVX_091630	-0.2384	0.155	0.266	0.1725	-0.1284	-0.4334	-0.2196	0.5089	0.0238
PVX_003760	0.3719	0.4489	0.238	0.2481	-0.0612	-0.2678	-0.5321	-0.3683	-0.1818
PVX_003980	-0.9439	-1.0888	-1.1079	-0.8719	-1.2077	-1.2428	0.2437	1.2619	0.8231
PVX_000730	-0.7735	0.4762	0.7148	0.8525	0.7229	-0.2872	-1.2586	-1.3368	-1.4854
PVX_124705	-0.171	-0.2681	-0.254	-0.1482	-0.0584	0.0103	-0.083	-0.2464	-0.1636
PVX_086140	0.7871	0.4789	0.4094	0.2087	0.0545	-0.3809	-0.7437	-0.8614	-0.6834
PVX_080485	-0.5407	-0.1291	0.3501	0.1822	0.3619	0.2596	-0.3182	-0.544	-0.1685
PVX_109275	-0.267	1.0225	1.2677	0.8575	-0.0931	-0.2775	-0.3324	-0.3541	-0.1728
PVX_104695	1.5962	1.5151	1.4213	1.4646	0.9592	0.9246	0.3535	0.244	0.5019
PVX_002760	0.2414	0.0951	-0.2009	-0.3589	-0.2657	0.1108	0.3581	-0.1319	0.0325
PVX_115310	-0.6873	-0.2811	0.0091	0.4859	0.3691	0.4995	-0.2556	-0.3241	-0.5896
PVX_122705	0.6709	0.6609	0.6374	0.34	-0.1374	-0.6538	-0.9005	-0.6324	-0.2049
PVX_111140	-0.2961	-0.6477	-0.8643	-0.7691	-0.3202	0.4823	0.4519	0.0622	0.1809
PVX_082810	-0.1491	-0.7278	-0.9604	-0.9422	-0.0291	0.1207	0.7162	0.6846	0.5901
PVX_095290	0.2589	-0.0047	-0.2147	-0.3528	-0.431	-0.126	0.3357	-0.1161	-0.4409
PVX_117455	0.6083	0.8723	0.7686	0.5436	-0.204	-0.8923	-0.6366	0.4409	0.6089
PVX_080650	-0.6853	-0.566	-0.7722	-0.7062	-0.5937	-0.5018	-0.1039	0.097	-0.3102
PVX_123595	0.1325	0.0604	0.0773	0.3143	-0.0032	-0.2943	0.2197	0.6427	0.5459
PVX_088065	0.1089	0.2704	0.1469	0.1635	0.2085	-0.1186	-0.902	-1.6028	-1.5319
PVX_091925	0.3483	0.536	0.5477	0.4261	0.5846	0.1585	-0.695	-1.2318	-1.2456
PVX_114210	0.1348	0.1749	0.2458	0.4346	0.4761	0.3416	-0.3588	-0.6003	-0.7918
PVX_089365	-0.8447	0.0741	0.5087	0.4863	0.8513	0.8591	0.5559	-0.1413	-0.4249
PVX_091485	-1.1467	-0.3385	0.163	0.591	0.5405	0.1371	-0.684	-0.8963	-0.9776
PVX_081245	-0.7046	-0.6175	-0.0396	0.2412	0.7315	0.1591	-0.2373	-0.4653	-0.216

PVX_082940	0.6378	0.0879	-0.3326	-0.9414	-1.1188	-1.2447	-0.6994	0.1924	1.311
PVX_118410	-0.1351	0.0155	-0.0861	0.0132	-0.0201	-0.0723	0.9367	0.5134	0.0625
PVX_086335	0.8304	0.1054	-0.15	-0.0577	0.0306	0.1875	0.4217	0.9792	1.3103
PVX_123580	0.5149	0.8715	0.6631	0.6185	0.1507	-0.3707	-0.263	0.2449	0.5989
PVX_082520	-0.2142	0.4297	0.573	0.5027	0.1998	-0.2473	-0.9055	-0.9045	-0.9379
PVX_085655	0.0213	0.4512	0.5812	0.4437	0.6183	0.2391	0.036	0.2168	0.269
PVX_092135	0.5012	0.6381	0.6401	0.526	0.4337	0.3687	0.1306	-0.1192	-0.0462
PVX_080420	-0.0937	0.6242	0.7709	0.8963	0.6623	-0.0032	-0.4621	-0.4694	-0.3654
PVX_122125	0.406	0.2473	0.0784	-0.0599	-0.1095	-0.0559	-0.0159	0.1989	0.6016
PVX_096335	-0.1804	0.072	0.081	0.1005	0.2727	0	-0.6164	-1.4685	-1.5034
PVX_098650	-0.8017	-0.2903	0.175	0.242	0.2546	0.342	0.0596	-0.3616	-0.4371
PVX_094495	0.5052	0.4881	0.4342	0.095	0.0169	0.3288	0.1152	0.4301	0.9451
PVX_085145	-1.0862	-0.77	0.1062	0.4442	0.6367	0.2638	-0.4655	-0.1454	-0.2526
PVX_112635	0.288	0.1779	0.3149	0.3317	0.4093	0.0921	0.1889	0.4946	0.4306
PVX_100630	0.4813	0.4044	0.1705	0.0346	0.2424	0.0108	-0.0961	-0.0318	0.0702
PVX_084925	0.7409	0.5978	0.6308	0.7848	0.6901	0.6469	0.5505	0.4305	0.374
PVX_117665	-0.3781	-0.1735	-0.1768	0.0184	0.0534	0.1833	0.0578	-0.1656	-0.5753
PVX_122100	0.176	0.39	0.5173	0.4659	0.3622	0.0527	-0.5716	-0.6692	-0.5552
PVX_082630	-0.2094	-0.4166	-0.5959	-0.6235	-0.2874	0.5299	0.3205	0.3029	0.4192
PVX_119755	-0.4587	-0.3035	0.1143	0.2325	0.3707	0.0723	0.0061	-0.0733	-0.2339
PVX_082420	0.4446	0.3516	0.2381	0.2051	0.2492	-0.2405	-0.1698	0.2192	0.3429
PVX_114750	0.2196	0.1193	0.3353	0.401	0.3799	0.7646	0.2719	0.2152	0.3264
PVX_079740	0.3913	-0.0196	0.0652	0.138	-0.0697	0.0561	0.2368	0.5844	0.7079
PVX_095050	0.3112	-0.0801	-0.1857	-0.0508	0.1633	-0.2986	-0.1401	0.2671	0.6328
PVX_096130	-0.3245	-0.1162	0.2041	0.4271	0.5192	0.0225	-0.0659	0.1085	-0.307
PVX_088075	-0.1217	0.4356	0.3831	0.2198	0.0516	0.1136	0.0589	-0.338	-0.419
PVX_114195	0.4944	0.9391	0.8641	0.8124	0.4975	-0.3746	-0.4968	-0.6234	-0.5346
PVX_119265	0.8857	0.5453	0.4494	0.263	-0.0557	0.0242	0.3181	0.0106	0.3063
PVX_089005	1.0206	0.7804	0.4478	-0.0812	-0.3884	-0.2066	0.1186	0.7037	1.1353
PVX_119405	-0.2121	-0.6913	-0.4211	0.0306	0.3972	1.1191	0.7609	0.2049	0.11
PVX_087870	0.1762	0.8984	0.8212	1.1078	0.6831	-0.046	0.2938	0.2704	0.3231
PVX_088025	0.199	0.1567	0.3993	0.5457	0.6898	0.6329	0.5507	0.4726	0.4047
PVX_099495	-1.127	-0.1798	0.5174	0.8049	0.8525	0.0177	-0.6178	-0.9966	-0.863
PVX_082840	0.6901	0.7257	0.7771	0.6488	0.4321	0.2426	-0.1336	-0.8627	-0.8672
PVX_090065	-0.265	-0.5391	-0.3561	-0.0767	0.3347	0.6972	0.6585	0.1591	-0.0833
PVX_096980	0.591	0.3882	-0.1568	-0.1966	-0.5384	0.1429	-0.2077	-0.1719	-0.1556
PVX_114905	-0.875	-0.5297	-0.6261	-0.4191	0.1889	0.8242	0.2441	-0.9169	-1.4229
PVX_123160	-0.5721	-0.5861	0.0773	0.4005	0.1736	0.1824	-0.0909	-0.3086	-0.0395
PVX_080105	-0.6446	-0.3245	0.2139	0.5389	0.4516	0.0432	-0.0874	-0.0024	0.01
PVX_087005	-0.6034	-0.3763	0.0742	0.3283	0.482	0.3537	0.207	-0.3265	-0.5029
PVX_080315	-0.7105	-0.5301	-0.2464	-0.0273	0.2845	0.3807	0.1495	-0.4096	-0.5159
PVX_114050	-0.6885	-1.0575	-1.623	-1.1604	0.2973	0.5769	-0.2738	-0.4001	-0.2033
PVX_003825	-1.9633	-1.9802	-2.2556	-2.4175	-2.3402	-0.0514	1.1953	0.5389	-0.2806
PVX_087000	0.0061	-0.3229	-0.0614	0.6978	1.1253	0.7407	0.1655	0.2072	0.0517
PVX_116580	-0.0696	-0.2121	-0.1069	-0.014	-0.0541	0.2909	0.2887	0.1611	0.0705
PVX_098835	-0.2104	-0.07	0.0184	0.0279	0.3516	0.3237	0.037	-0.1691	-0.6009
PVX_084875	0.3878	-0.2764	-0.4007	-0.3467	0.0835	0.0162	0.0542	0.3917	0.3734
PVX_096120	0.4797	-0.4347	-0.9045	-1.4307	-1.4184	-1.2007	0.3807	1.1479	1.0964
PVX_123440	0.3828	-0.0133	0.1002	0.0891	0.0392	-0.3271	0.0947	0.6186	0.577
PVX_099140	0.756	0.8368	0.6043	0.4558	0.4855	-0.3884	-0.1221	-0.061	-0.0852
PVX_087945	0.3839	0.3472	0.2476	0.2075	0.3351	0.2797	0.2759	0.3011	0.2323
PVX_118600	0.4155	-0.122	-0.1989	-0.2781	0.0039	0.187	0.276	0.5839	0.9145
PVX_001980	1.9271	1.1246	0.1095	-0.5051	-0.5464	-0.5794	-0.3442	-0.1875	0.2363
PVX_084775	0.6351	0.4971	0.2259	-0.3658	-0.5622	-0.7403	-0.3665	0.4042	1.1751
PVX_099980	-1.8047	-1.814	-2.0709	-2.3304	-2.1593	-0.2934	1.5001	1.4302	0.6024
PVX_116510	-1.1066	-0.3542	-0.0235	0.2309	0.4845	0.6252	0.3809	-0.1835	-0.6903
PVX_122060	-0.408	-0.2755	-0.3454	-0.3005	0.275	0.7818	0.3057	0.7275	0.4142
PVX_090980	-0.5226	-0.3107	0.176	0.3805	0.5664	0.5368	0.1294	-0.3907	-0.4235
PVX_101365	-0.2788	-0.465	-0.8255	-1.0638	-0.5555	0.274	0.9732	0.5905	0.3609
PVX_079810	0.9059	0.8426	0.6283	0.5129	0.0906	0.2606	-0.4308	-0.3085	-0.212
PVX_092695	-0.3315	-0.6919	-0.9962	-0.9937	-0.8071	-0.1521	0.8316	0.5129	0.3485
PVX_002755	0.4946	0.3205	0.2668	0.2271	0.4598	0.4747	-0.0535	-0.3998	-0.4726
PVX_099875	-0.1225	0.7546	0.6947	0.8343	0.5145	-0.4947	-0.3989	0.2761	0.0075

PVX_002775	0.0839	0.1626	0.0783	0.0899	0.2244	0.1988	0.7394	0.6989	0.8758
PVX_000660	-0.2002	-0.2958	-0.0456	0.2347	0.1756	0.0791	0.1437	-0.0035	-0.2901
PVX_107235	0.1114	0.2313	0.0753	0.1875	-0.294	-0.4654	-0.9434	-0.8769	-0.523
PVX_083005	0.1816	-0.0978	0.2625	0.6081	0.4661	0.5583	0.1555	0.1187	0.3487
PVX_003900	1.0943	0.4032	0.2835	0.2053	0.017	-0.1315	0.2949	0.6925	0.8741
PVX_123900	0.4122	0.1583	0.0583	-0.0764	0.09	0.0901	-0.2436	-0.6824	-0.8445
PVX_084580	0.4912	0.2136	0.2078	-0.3292	-0.5126	-0.2367	0.0485	0.335	0.8437
PVX_100880	0.7283	0.1046	-0.0942	-0.605	-0.7685	-1.3082	-0.2438	0.8912	1.4235
PVX_086105	0.7733	0.1931	0.2479	0.1875	-0.0874	-0.2144	0.139	0.5966	0.806
PVX_084400	0.9276	0.6916	0.3956	-0.2062	-0.4316	-0.504	-0.1955	0.4472	1.3087
PVX_118015	-0.6218	-0.3644	-0.3259	-0.0235	0.014	0.67	0.4721	0.3096	0.0815
PVX_094745	0.9163	0.2062	-0.3925	-0.6931	-0.72	-0.5466	0.0957	0.693	1.1378
PVX_084505	0.3037	-0.0546	-0.0937	-0.3693	-0.6218	-0.3027	-0.0161	0.219	0.5268
PVX_003895	0.2769	0.3445	0.1317	0.0286	-0.3006	0.2897	0.2435	-0.0454	-0.0817
PVX_096390	-0.1614	0.1899	0.5499	0.7356	0.9008	0.4543	-0.0871	-0.1942	-0.1508
PVX_113305	0.3161	0.5637	0.5013	0.662	0.5988	0.4446	0.1519	0.0709	0.24
PVX_003755	0.2759	0.0969	0.1027	-0.2034	0.0808	-0.1031	0.3646	0.4916	0.2737
PVX_101140	0.4728	0.5349	0.434	0.4403	0.6294	0.3887	0.0803	-0.0747	-0.0521
PVX_089265	-0.2566	-0.127	0.3813	0.5815	0.3797	-0.1153	-0.1154	0.1324	0.3922
PVX_084955	0.1868	0.4674	0.5011	0.2597	0.3486	0.2123	-0.2839	-0.8801	-0.9723
PVX_095025	0.3668	-0.6507	-0.7643	-0.6881	-0.4757	-0.7833	0.2055	0.8993	0.8453
PVX_114980	-0.3827	-0.0607	0.303	0.31	0.3239	-0.2251	-0.158	-0.1559	-0.0345
PVX_082480	0.968	0.4341	0.4566	0.4864	0.5068	0.1398	-0.641	-1.0794	-0.7733
PVX_085995	-0.1118	0.0183	0.2417	0.4426	0.2558	0.5256	-0.0564	-0.3278	0.1559
PVX_089210	-0.3386	0.3958	0.5497	0.5692	0.5226	-0.0306	-0.1307	0.0837	-0.0744
PVX_099265	1.0396	0.8948	0.7594	0.6508	0.1087	-0.3709	-0.6033	-0.0124	0.3413
PVX_124030	-0.7367	-0.4623	0.1267	0.6125	0.9024	0.2874	-0.103	-0.2758	-0.4237
PVX_085795	0.6777	0.2192	0.2726	0.1872	0.0067	0.4431	0.4655	0.6597	0.614
PVX_118575	-0.5156	-0.5439	-0.4713	-0.2725	-0.1936	0.2217	0.5852	0.664	0.0895
PVX_089825	1.0231	1.6533	1.2211	0.2855	-0.4846	-0.6714	-0.5329	-0.1524	-0.0629
PVX_086000	0.7393	0.3565	0.3382	0.489	0.4394	0.1534	0.1926	0.2748	0.3011
PVX_110910	0.283	0.3007	0.1859	0.0014	-0.1148	-0.4116	-0.1787	0.3069	0.8063
PVX_103150	0.1176	0.4528	0.3765	0.2273	0.0358	-0.6819	-0.7536	-0.7238	-0.6521
PVX_115125	-0.5982	-0.1626	0.0088	0.4253	0.67	0.5997	0.363	-0.1385	-0.2685
PVX_113645	-0.0743	0.3796	0.3213	0.5143	0.4861	0.0835	-0.3073	-0.3553	-0.4002
PVX_094235	0.3787	0.4803	-0.3887	-0.8885	-1.0501	0.621	0.687	0.6801	1.1179
PVX_098925	0.0348	-0.268	-0.3507	-0.5557	-0.9187	0.0447	0.608	0.6562	0.5478
PVX_101320	-0.0681	-0.5284	-0.0822	0.6083	1.006	0.9769	0.4413	0.2873	0.0979
PVX_092420	0.4025	0.2861	0.0197	-0.1748	-0.4521	-0.5483	-0.313	0.0147	0.0769
PVX_091270	-1.0674	-0.9022	-0.217	0.2787	0.277	0.0377	-0.7964	-0.7129	-0.4611
PVX_116695	-0.9845	-0.5808	-0.7045	-0.9234	-0.6644	0.5388	0.7295	-0.0038	-0.6071
PVX_091175	-0.2679	-0.1252	-0.1477	-0.2365	0.2228	0.4646	0.4331	-0.086	-0.1808
PVX_000605	-0.5469	0.1959	0.4366	0.489	0.7004	0.4261	0.2598	-0.111	-1.0035
PVX_114945	0.6668	0.2936	-0.458	-1.0313	-0.3593	-0.1529	0.6323	1.0913	1.2294
PVX_008085	1.1101	1.3647	1.3311	1.2346	0.3961	-1.2553	-1.2041	-1.1708	-0.5338
PVX_106730	-0.0523	-0.3664	-0.3105	-0.1357	-0.0413	-0.3004	-0.0705	0.1	0.2406
PVX_093520	0.2071	0.3444	0.3461	0.249	0.2249	0.2355	-0.2455	-0.1925	0.1828
PVX_001810	0.2695	0.0187	-0.0538	-0.2281	-0.2787	0.0108	0.1443	-0.362	-0.8062
PVX_117325	-0.6978	-0.9401	-0.9307	-0.3937	0.1786	0.7938	0.2432	-0.125	-0.1298
PVX_101305	0.837	0.8001	0.5652	0.3956	0.1781	0.4521	0.1168	-0.0217	0.1656
PVX_088790	-0.0195	0.0337	0.0365	-0.4408	-0.2415	-0.5045	-0.7722	-0.211	0.3074
PVX_115225	0.9808	0.5259	0.311	0.2168	0.0662	0.2384	-0.0915	-0.3792	-0.1833
PVX_089370	-0.0774	0.1427	0.0715	-0.1353	-0.1711	-0.3367	-0.4206	-0.5818	-0.7492
PVX_119275	-0.004	0.2711	0.3668	0.3162	0.4312	0.1711	0.0933	0.1132	-0.1177
PVX_118085	0.4451	0.0675	-0.048	0.0752	0.1268	-0.0246	0.5314	0.7428	0.4885
PVX_091495	-0.2844	-0.2862	-0.2825	0.1	0.4241	0.7015	0.4547	-0.3934	-1.1051
PVX_117465	-0.6498	-0.6656	-0.9993	-1.0155	-0.7091	-0.0112	0.7098	0.6161	0.4399
PVX_090015	-0.4587	0.2693	0.5567	0.846	0.7785	-0.0236	-0.4711	-0.5645	-0.5932
PVX_085560	-0.1618	-0.5289	-0.3614	0.2482	0.6368	0.5996	-0.1059	0.0368	0.4201
PVX_088950	0.2867	0.1908	0.3277	0.4721	0.2478	0.1641	0.2514	0.2895	0.2484
PVX_117240	0.5444	0.2092	0.0826	-0.0318	0.1357	0.3551	0.1182	-0.2207	-0.2842
PVX_085720	-0.6573	0.0784	0.2125	0.1754	-0.0464	-0.1444	-0.2016	-0.5971	-0.7379
PVX_123245	-0.3922	0.572	0.6823	0.6588	0.3153	-0.3519	-0.6822	-0.8938	-0.7041

PVX_089895	-0.396	0.5422	0.812	0.8283	0.6792	-0.1939	-0.3801	-0.4294	-0.257
PVX_119710	-0.6782	-0.2377	0.1003	0.4237	0.7577	0.8144	0.4445	-0.3567	-0.5695
PVX_098655	0.7129	0.4568	0.2957	-0.5527	-0.7998	-0.8333	-0.3789	0.5509	1.4397
PVX_119720	-0.8112	-0.33	0.2693	0.5998	0.5861	0.8466	0.3086	-0.3683	-0.752
PVX_113545	0.1585	-0.4423	-0.7756	-1.2192	-1.1386	0.3293	1.145	0.6614	0.6475
PVX_097840	0.2495	0.128	0.0863	-0.051	0.02	0.3655	0.2237	-0.0857	-0.1076
PVX_080330	-0.8731	-0.2168	0.0249	0.1725	0.494	0.7703	-0.0313	-0.4744	-0.8624
PVX_099660	0.3202	-0.0664	-0.2822	-0.5936	-0.3061	0.4306	0.7752	0.6234	0.8332
PVX_115285	-0.0749	-0.3861	-0.3491	-0.0963	0.3576	-0.4814	-0.1913	0.3219	0.3311
PVX_000805	0.2984	0.0834	0.0572	0.5777	0.6146	0.239	0.4709	0.398	0.4297
PVX_087815	-0.5186	-0.1894	-0.0718	-0.1767	0.2127	0.3129	0.7711	0.4404	-0.0041
PVX_099840	-1.1276	-0.451	-0.1908	-0.2279	-0.4044	0.2723	0.6491	-0.0593	-0.7096
PVX_082830	-0.2802	-0.2533	-0.3775	-0.3252	0.0649	0.9333	1.0207	0.3514	0.0053
PVX_113455	0.7575	0.7445	0.3419	-0.368	-0.6082	-0.6459	-0.2821	0.5126	1.4862
PVX_085955	-0.5998	-0.8276	-0.9652	-0.9053	-0.6862	-0.7033	-0.8017	-0.3654	0.2854
PVX_093685	0.7524	0.7384	0.554	0.3576	-0.0345	-0.2169	-0.2599	-0.3095	-0.3445
PVX_122210	-0.9925	-0.5998	0.2017	0.7037	0.8762	0.1924	-0.2768	-0.2441	-0.2132
PVX_002515	0.7206	0.5143	0.573	0.3209	0.2162	0.0208	-0.1207	0.1813	0.2415
PVX_082850	0.7881	0.1646	-0.128	-0.2803	-0.2983	-0.2312	-0.2418	0.098	0.8338
PVX_116825	0.0806	0.3057	0.1991	0.0573	0.3109	0.2434	0.2863	-0.1191	-0.6762
PVX_101105	0.3347	0.471	0.6076	0.7056	0.3584	-0.8173	-1.1084	-1.2579	-1.1019
PVX_111020	-0.2315	-0.7932	-0.7646	-0.6032	-0.4324	-0.238	-0.4211	0.2466	0.011
PVX_110845	-0.5967	-0.7657	-0.8178	-0.6988	-0.4047	0.1178	0.6692	0.2825	-0.0909
PVX_117570	-0.9705	-0.8109	-0.8217	-0.7891	-0.5446	0.1048	0.9913	0.4763	-0.0926
PVX_117345	-0.2287	-0.3491	-0.216	-0.2927	-0.1607	0.2913	0.1795	0.4261	0.5503
PVX_110840	-0.4271	-0.3188	0.1961	0.3734	0.0971	-0.5554	-0.5035	-0.1923	-0.0243
PVX_081440	0.2074	0.0249	0.0044	-0.1205	0.3262	0.5289	0.6045	0.3924	0.0661
PVX_081685	-0.129	0.4507	0.9329	1.1037	1.0133	0.4976	0.0507	-0.018	-0.2324
PVX_091210	0.6955	0.7141	0.5154	0.3576	0.5867	0.3926	0.2894	0.4557	0.5123
PVX_091610	-1.4801	-0.403	-0.0672	0.1395	0.4731	0.2982	-0.5343	-1.17	-1.4269
PVX_121875	-0.5577	-0.3024	-0.1765	-0.3071	-0.6357	-0.838	-0.8906	-0.8338	-0.8797
PVX_114535	-0.4117	-0.0547	0.5573	0.5582	0.2578	-0.1628	-0.2459	0.1707	-0.0589
PVX_081480	-0.4942	-1.187	-1.2307	-0.9172	-0.0347	0.7961	0.9851	0.2	-0.229
PVX_105700	-0.1984	-0.134	0.0186	-0.0662	0.2263	0.1199	-0.1457	-0.321	-0.4417
PVX_114930	0.0068	-0.6341	-0.8141	-0.4821	0.2438	0.4094	0.5033	0.3782	0.7593
PVX_123815	0.2512	0.1401	0.8777	1.2416	1.4633	0.9935	0.7695	0.6143	0.4761
PVX_093650	-0.0195	0.0671	0.0029	0.06	-0.0164	0.1018	0.3674	0.2647	-0.1467
PVX_101360	0.2299	-0.3845	-0.4365	-0.253	-0.3245	-0.0286	-0.1824	-0.0592	-0.2532
PVX_081330	0.8783	0.4814	0.3376	-0.2764	-0.4644	-0.712	-0.2224	0.4727	1.5529
PVX_123990	-0.4259	-0.2268	-0.1823	-0.2024	0.0842	0.3172	0.6586	0.1298	-0.4347
PVX_085580	0.5559	-0.3858	-0.4592	-0.3485	-0.0367	-0.0695	0.3427	0.9111	0.6533
PVX_098610	-0.8499	-1.1207	-1.2717	-1.3073	-1.1221	0.7024	0.92	-0.0727	-0.3023
PVX_084730	0.1749	-0.1318	-0.3445	-0.1752	-0.0166	-0.2455	0.1674	0.1632	-0.2363
PVX_119305	-0.1365	-0.1402	0.4832	0.5681	0.4121	0.656	0.3628	-0.0607	0.0496
PVX_084430	0.0035	0.072	0.2558	0.4401	0.4076	0.3023	0.1031	0.015	-0.2302
PVX_123730	-1.0767	-0.412	-0.4147	-0.8302	-1.4843	-1.943	-1.3151	1.2815	1.586
PVX_085905	0.096	0.244	0.1896	0.0774	0.043	0.5383	0.3905	-0.0464	-0.0316
PVX_082415	-0.422	-0.4896	-0.6489	0.0711	0.3237	0.137	0.0524	0.6666	0.642
PVX_094830	-1.5291	-1.4936	-1.6637	-1.7568	-2.269	-1.5542	1.1071	0.9825	0.0712
PVX_117700	-0.2932	-0.3075	-0.5338	-0.7906	-0.8519	-0.653	0.278	1.0879	0.9913
PVX_086320	-0.679	-0.9428	-1.0234	-0.6216	0.029	0.3528	0.2818	-0.1886	-0.1669
PVX_089600	0.0987	-0.1794	-0.4655	-0.7093	-0.9962	-0.9069	-0.8353	-0.4938	-0.224
PVX_114260	0.3174	0.2757	-0.0113	-0.2877	0.0277	-0.0296	0.0985	0.3847	0.6885
PVX_094515	0.9421	0.5833	0.4557	0.4608	0.2062	-0.4424	-0.4397	-0.1105	0.14
PVX_086095	-0.1269	-0.1846	0.0375	0.2621	0.6696	0.6698	0.268	0.0768	0.24
PVX_101070	-0.0713	-0.2261	-0.4716	-0.4025	-0.7361	-0.4522	0.3614	1.2864	0.996
PVX_125735	0.858	1.2785	1.163	0.3648	-0.8259	-1.2075	-1.1851	-0.4166	0.1336
PVX_083400	-0.0387	0.2197	0.0882	0.2392	-0.1138	0.1705	-0.0157	-0.7081	-0.6365
PVX_123300	-0.6861	-0.8396	-0.6726	-0.1961	0.4179	0.5613	0.3966	0.0557	0.0702
PVX_106215	-0.1895	0.3014	0.0401	0.1107	0.3015	-0.0186	-0.3399	-0.8443	-0.9319
PVX_089745	0.5318	-0.0377	0.2606	0.3242	-0.0883	0.1316	0.1105	0.9809	0.8769
PVX_088040	0.4184	0.5073	0.4992	0.422	0.056	0.7518	0.5541	-0.0758	-0.177
PVX_088145	-0.7214	-0.0383	0.231	0.1715	-0.0871	0.4168	0	-0.1651	-0.9141

PVX_100785	-0.6892	-0.298	0.4278	0.6646	0.7513	0.319	0.0357	-0.2002	-0.2737
PVX_082590	-0.9551	-0.3923	-0.2893	-0.2001	0.0204	0.2198	-0.3373	-0.323	-0.2356
PVX_117805	0.1333	-0.0417	-0.4577	-0.8727	-0.9853	-0.8748	-0.578	0.1939	0.5134
PVX_080080	0.0994	0.2172	0.1042	0.172	0.1014	0.5203	0.6721	0.5267	0.3158
PVX_091905	-0.5196	-0.7547	-1.1205	-1.1409	-0.9479	-0.9288	0.539	0.9581	0.6285
PVX_092385	-1.1077	-0.2613	0.2468	0.6868	0.7633	-0.158	-0.7483	-1.0705	-0.8761
PVX_084860	-0.7238	-0.4675	-0.354	-0.1289	-0.3726	0.3541	0.5689	0.3485	-0.3549
PVX_088125	-0.1248	-0.1698	-0.7284	-1.1972	-1.1731	-0.9875	0.0574	1.1524	1.0893
PVX_087865	0.6198	0.4944	0.4182	0.2714	0.1929	0.2011	0.3706	0.0498	-0.0618
PVX_100610	-0.7018	0.0711	0.336	0.4811	0.3447	-0.0579	-0.035	-0.3495	-0.7058
PVX_096405	-0.1591	-0.0057	0.3332	0.6066	0.6955	0.2775	0.1406	0.6153	0.564
PVX_094485	-0.8795	-0.9647	-0.5738	-0.0803	-0.0808	-0.0088	1.1498	1.1786	0.3076
PVX_092515	-0.2528	-0.4974	-0.9589	-1.3553	-1.4476	-0.4742	1.3914	1.1706	0.6379
PVX_117055	0.1754	0.2689	0.1334	0.0848	-0.2279	-0.8441	-0.0552	0.788	0.3856
PVX_089660	-0.2323	-0.6442	-0.6959	-0.4018	0.264	0.1904	0.1199	-0.034	0.0098
PVX_114180	0.6838	0.7907	0.7025	0.5874	0.1399	-0.6336	-0.5307	-0.4466	-0.161
PVX_089285	0.4026	0.5466	0.5879	0.5277	0.4109	0.3767	-0.2737	-0.3972	-0.4609
PVX_080530	0.3683	0.3058	0.138	-0.1734	-0.185	0.2462	0.7496	0.4312	-0.0203
PVX_123645	0.4231	0.4602	0.3792	0.3817	0.2516	0.5025	0.4657	-0.1838	-0.2282
PVX_096225	0.6701	0.5514	0.4357	0.3099	0.3135	-0.2077	-0.7493	-0.8751	-0.6822
PVX_117475	-0.9914	0.0051	0.729	0.9737	1.1194	0.1323	-0.5024	-0.6818	-0.6606
PVX_118510	-0.3585	-0.966	-0.8035	-0.1744	0.3269	0.9336	0.5541	0.0876	-0.1489
PVX_122710	0.2617	0.2979	0.4878	0.2648	0.3832	-0.0013	-0.8908	-1.3723	-1.1468
PVX_091255	-0.5811	-0.8254	-1.0122	-1.0163	0.2411	0.3381	0.6613	0.4177	0.014
PVX_090270	0.8043	0.6172	0.2354	-0.1203	-0.6486	-0.6873	-0.4117	0.6311	1.0254
PVX_002730	0.272	0.4147	0.4214	0.1366	-0.4973	-0.3072	-0.1732	0.3744	0.512
PVX_114485	0.6248	0.1852	-0.1984	-0.2033	-0.2177	-0.0648	0.5145	0.6633	0.871
PVX_111575	0.0722	0.2876	0.5208	0.6191	0.1526	-0.2263	-0.2859	-0.3692	-0.3731
PVX_082540	0.0396	-0.2374	-0.2515	-0.5315	-0.3895	-0.3554	0.6688	1.4083	0.888
PVX_119490	-1.0852	-0.0511	0.4262	0.4644	0.5555	0.4609	-0.3066	-0.554	-0.7132
PVX_084120	-1.2123	-1.311	-0.7694	-0.247	0.1859	0.5453	0.261	0.1952	0.4818
PVX_107230	0.2799	0.2707	0.332	0.1843	0.1669	-0.0754	-0.1166	-0.0751	-0.0606
PVX_094340	-0.0164	-0.3419	-0.0745	0.1284	0.28	0.1874	-0.3439	-0.3509	-0.4635
PVX_115080	-0.249	-0.62	-0.1309	0.4188	0.7967	0.3163	-0.3074	-0.4517	-0.336
PVX_100615	0.1825	-0.0585	-0.2234	-0.4708	0.1597	0.5161	0.7961	0.9668	0.9118
PVX_114820	-0.4246	-0.5848	-0.9267	-1.2162	-1.3565	-1.191	0.4331	1.3173	0.924
PVX_000900	0.4042	0.3373	0.0271	-0.0542	-0.0803	-0.0189	-0.0774	0.0777	0.076
PVX_094550	0.4875	0.0632	0.1021	-0.0235	-0.1542	-0.1083	0.4898	0.9701	1.1054
PVX_112675	-0.5245	-0.1272	-0.3991	-0.9451	-1.7159	-1.572	-1.2252	-0.3018	0.1854
PVX_084625	1.06	0.3299	0.0688	-0.3024	-0.8683	-1.0422	0.1741	-0.0459	-0.5678
PVX_002895	-0.5793	0.4344	0.648	0.5006	0.6908	0.652	-0.2912	-0.5615	-0.6714
PVX_092140	0.1988	-0.0888	-0.2429	-0.0929	0.5082	0.7998	0.571	0.3321	0.5444
PVX_111090	0.6654	0.1199	-0.4061	-0.5408	-0.5223	-0.1709	0.3848	0.3448	0.3555
PVX_098840	-0.0514	0.2108	0.476	0.5412	0.4744	0.3594	-0.1887	-0.1998	0.1704
PVX_118175	-0.2817	-0.3002	-0.3508	-0.649	-0.8178	-0.9103	-0.4376	0.9376	1.0672
PVX_082505	0.797	0.5386	0.1484	-0.0882	-0.2136	-0.3432	-0.0904	0.4724	0.742
PVX_122285	0.2515	0.4424	0.5501	0.1786	0.0729	-0.1036	-0.5583	-0.7613	-0.5647
PVX_101200	-0.332	-0.5434	-0.7595	-0.6201	-0.5001	0.0192	0.4078	0.3444	0.4533
PVX_084690	0.6237	0.1536	-0.0495	-0.0158	0.0977	0.82	0.7399	0.1021	-0.1237
PVX_117760	0.4244	0.7198	0.6055	0.5281	0.2176	-1.1312	-1.4954	-0.4089	-0.2725
PVX_095015	-0.275	0.5208	0.503	0.5437	0.3185	-0.2403	-0.8952	-1.0694	-1.0547
PVX_091360	-0.496	0.0033	0.3882	0.6796	0.746	0.5012	-0.0008	-0.0744	-0.3433
PVX_090330	-0.8039	-0.8378	-1.0104	-1.0878	-1.06	-1.0661	-0.1441	1.2825	1.0278
PVX_123020	0.0772	-0.1109	0.5951	0.8166	0.8028	0.1503	0.1741	0.0259	0.1539
PVX_114330	0.8111	0.4611	0.3848	0.0086	-0.1348	-0.0724	-0.017	0.6751	1.3985
PVX_097960	-0.5427	-0.2737	-0.0383	0.214	0.2953	0.5015	0.471	0.1022	-0.2294
PVX_117630	-0.6275	-0.2788	-0.3335	-0.2548	-0.1503	0.839	0.8272	0.0161	-0.3546
PVX_084570	-0.5559	-0.1382	-0.0343	0.1444	0.1027	0.3164	-0.1375	-0.2308	-0.2806
PVX_081635	-0.3306	-0.662	-0.674	-0.2108	0.6334	0.5075	0.0574	-0.0604	0.2365
PVX_089340	-0.3169	-0.2796	0.0142	0.6849	0.6036	0.2537	0.076	-0.0198	-0.0468
PVX_114065	-0.1537	0.0653	0.2821	0.2188	0.222	-0.0441	-0.5005	-0.5896	-0.4631
PVX_086940	-0.4773	-0.5428	-0.8753	-1.1553	-1.4987	-1.6184	-1.1595	1.1548	1.4923
PVX_098960	-0.2374	0.3302	0.6926	1.0861	1.186	0.8828	0.4586	0.1186	-0.0066

PVX_114865	0.1552	0.4258	0.527	0.4758	0.4654	-0.1861	-0.6706	-0.7251	-0.8017
PVX_080480	0.3044	0.3062	0.2844	0.2697	0.4009	0.5141	0.2278	-0.0887	-0.102
PVX_084760	0.2845	0.4808	0.2737	0.0292	0.2506	0.3622	0.2481	-0.2038	0.2892
PVX_079760	-0.484	0.2705	0.1728	0.1156	-0.3625	-0.3016	-0.4184	0.1893	0.3359
PVX_119450	-0.6453	-1.1238	-0.4555	0.0393	0.8746	0.7947	0.2595	-0.3181	-0.2715
PVX_099180	-0.3388	-0.5033	-0.9094	-0.6763	-0.2216	0.3046	0.4154	0.3331	0.0043
PVX_118320	-1.2356	-0.3002	0.1833	0.6493	0.7673	0.2232	-0.6019	-0.8783	-1.0995
PVX_123075	0.7261	0.6176	0.735	0.6003	0.496	0.092	-0.6983	-1.493	-1.2814
PVX_094580	0.4654	0.5199	0.3963	0.1976	0.0549	0.4773	0.3317	-0.2017	-0.3015
PVX_097800	-0.2585	-0.4142	0.135	0.4309	0.4801	0.878	0.7337	0.2218	-0.078
PVX_111280	-0.7159	-0.2615	-0.0807	0.0803	0.2437	0.5667	0.2415	-0.3233	-0.6044
PVX_099000	-1.1334	-1.0911	-1.6768	-1.5896	-1.1758	0.6258	0.9232	0.5753	-0.0067
PVX_087875	1.025	0.2556	-0.2601	-0.3899	-0.4182	0.0155	0.5913	1.1761	1.2844
PVX_123080	0.5558	0.2738	-0.1733	0.0656	0.3506	0.6767	0.6216	0.7348	0.6067
PVX_084315	-0.2617	-0.2764	-0.778	-0.6997	-0.5144	-0.8132	-0.7195	-0.1688	0.0881
PVX_082375	0.3114	0.3747	0.4356	0.3908	0.3039	0.1749	0.1775	0.4453	0.3185
PVX_122070	-0.5392	-0.5802	-0.218	0.1248	0.3985	0.0226	-0.3956	-0.4314	-0.2458
PVX_003660	-0.1704	0.1349	0.4058	0.2704	0.2647	-0.219	0.1097	0.1612	0.3836
PVX_082885	-0.5206	-0.2841	-0.0997	0.0023	0.3167	0.5362	-0.2728	0.0325	-0.1325
PVX_117095	-0.2597	-0.0536	0.1339	0.4371	0.4748	0.3263	0.1691	-0.4131	-0.7183
PVX_094695	-0.0935	-0.0689	-0.1244	-0.1627	-0.4328	-0.3497	0.3308	0.4195	0.1017
PVX_089645	-1.1346	-1.1537	-1.1503	-1.0469	-1.034	-0.9214	1.1724	1.1938	-0.0574
PVX_114525	0.8331	0.7295	0.459	0.3993	0.4132	0.3927	-0.0983	0.1054	0.3552
PVX_003885	-0.0685	0.426	0.5734	0.6505	0.474	0.3592	-0.3057	-0.7313	-0.9956
PVX_093675	0.2958	0.1118	0.0651	0.2779	0.2057	0.6051	0.1796	0.19	0.7939
PVX_080355	0.0267	-0.2319	-0.7944	-0.5549	-0.1056	0.1571	0.2597	-0.052	0.4105
PVX_085750	-1.0567	-0.4947	-0.0928	0.4458	0.6445	0.3442	-0.2575	-0.5518	-0.3859
PVX_096085	-0.1911	-0.0692	-0.0875	-0.0027	-0.2115	-0.2042	0.0453	-0.0298	-0.4543
PVX_123960	-0.5092	-0.9879	-0.624	-0.1457	0.3997	0.2614	-0.1592	-0.1356	-0.4176
PVX_002590	0.482	0.5237	0.5179	0.4998	0.6196	0.2715	-0.5437	-0.9325	-0.6325
PVX_082710	-0.5675	-0.2261	-0.6191	-0.9232	-1.2343	-0.7691	-0.4526	-0.0821	0.0887
PVX_095450	0.5399	0.3236	-0.1806	-0.3285	0.0454	0.05	0.4997	0.8951	0.7736
PVX_003710	0.1239	-0.09	-0.1043	0.1246	0.0948	-0.0796	0.1005	0.0869	0.3993
PVX_085925	0.4135	0.1078	0.0365	0.6863	0.6646	0.5806	0.5021	0.4937	0.4924
PVX_094735	-0.194	-0.2182	-0.5555	-0.7581	-0.9046	-0.4868	-0.599	0.7618	1.2152
PVX_102635	0.8113	0.9437	0.6622	0.0795	0.204	-0.1112	0.0426	0.209	0.4247
PVX_100765	-0.3672	-0.5699	-0.1715	0.3743	0.393	0.6826	0.4132	0.0746	-0.168
PVX_122910	-0.3173	-0.2355	-0.2462	-0.3328	-0.1505	0.034	0.1529	-0.4141	-0.1619
PVX_088165	0.3026	0.0322	0.1328	0.1336	0.1847	-0.0846	-0.2762	-0.4439	-0.6158
PVX_085805	-0.2437	-0.0543	0.0933	0.154	0.4709	0.3201	-0.1844	-0.5878	-0.4634
PVX_010100	0.4779	0.4728	0.1821	0.3292	0.2742	-0.058	0.2204	0.4454	0.5507
PVX_098940	0.1712	0.3443	0.4255	0.6283	0.5325	0.6558	0.5732	0.0943	-0.4818
PVX_087045	-0.6584	-0.1304	0.1949	0.6304	0.8296	0.4551	0.0406	-0.2494	-0.4747
PVX_116890	1.0216	0.8448	0.485	-0.1879	-0.354	-0.3371	-0.0621	0.6351	1.3609
PVX_114735	-0.2766	-1.2123	-1.7858	-1.4092	-0.197	0.8723	0.6602	0.099	0.3145
PVX_100830	0.7091	0.6242	0.48	0.3501	0.3125	-0.2729	-0.8229	-0.7771	-0.5294
PVX_094840	-0.6272	0.3199	0.5374	0.8932	-0.0583	-1.7951	-2.4855	-2.0843	-2.184
PVX_099985	-0.6622	-0.0933	0.1029	-0.0452	0.0357	0.1755	0.2307	0.1816	-0.224
PVX_085275	0.0969	0.2267	0.2819	0.1695	0.2148	0.0885	-0.6768	-1.436	-1.4228
PVX_096220	-0.4579	-0.3631	-0.4258	-0.5709	-0.4891	-0.0951	-0.1363	-0.3823	-0.5599
PVX_091235	-0.0322	-0.0768	0.0681	0.319	0.417	-0.0259	-0.0791	-0.03	-0.3323
PVX_079930	0.034	0.3978	0.2099	0.2707	0.4692	0.4419	0.4816	-0.3644	-0.567
PVX_084115	-0.504	-0.4529	0.0777	0.2923	0.524	0.3236	0.0997	0	0.2343
PVX_091565	-0.4787	0.2019	0.3852	0.4395	0.4712	0.6477	-0.1286	-0.6517	-0.8846
PVX_089950	-0.7954	-0.5893	0.1642	0.5573	0.7576	0.6504	0.2397	-0.2734	-0.4168
PVX_092680	0.7128	0.3032	-0.1371	-0.2866	-0.3846	-0.6355	-0.2208	0.4581	0.785
PVX_082975	0.5816	0.5845	0.4591	0.5323	0.5861	0.5421	0.4722	0.492	0.5856
PVX_089805	1.6234	1.6427	1.1855	-0.1849	-1.9697	-1.992	-1.8277	-1.4774	-0.9342
PVX_092355	0.4665	-0.2782	-0.4865	-0.8574	-0.5871	-0.5037	0.3584	0.9021	1.0423
PVX_122830	-0.3602	0.6051	0.5517	0.4384	-0.0008	-0.1946	-0.3179	-0.5556	-0.5241
PVX_122810	-0.2869	-0.0154	-0.0044	0.0836	0.1985	0.9563	0.0023	-0.9343	-1.1647
PVX_092655	0.4098	0.075	-0.1155	-0.727	-0.9704	-1.1228	-0.5312	0.3542	1.3242
PVX_096210	0.7002	0.3758	0.174	-0.1312	-0.2549	-0.1902	0.4822	0.5919	0.8446

PVX_085385	-1.0609	-0.6826	-0.5429	-0.4797	-0.6472	-0.542	-1.0732	-1.2631	-1.2147
PVX_082690	0.7577	0.4138	0.2818	0.28	0.5348	0.4403	0.1656	0.0356	0.1865
PVX_097620	0.6373	0.1762	-0.2705	-0.6226	-0.6579	-0.4912	0.1051	0.6368	1.0013
PVX_094570	0.2604	0.7014	0.9126	1.189	0.921	0.3946	-0.0538	0.0244	0.0816
PVX_105705	1.427	0.9262	0.5179	0.0159	-0.2193	-0.3593	-0.596	-0.5524	-0.3273
PVX_122685	-0.1562	0.1667	0.5136	0.702	0.5912	0.4024	-0.3089	-0.6045	-0.4763
PVX_114815	-0.4567	-0.1753	0.0449	0.2298	0.1839	0.3702	0.1993	-0.047	-0.1039
PVX_092490	-0.6279	-0.4419	-0.0519	0.1945	0.3767	0.7082	0.0075	-0.4642	-0.6728
PVX_080320	-0.0665	0.3595	0.3709	0.396	0.5207	0.5578	0.5781	0.2821	-0.0524
PVX_113775	-1.0501	-1.2592	-1.4009	-1.5004	-1.5202	-0.5289	1.2734	1.2168	0.1557
PVX_082955	0.735	-0.0217	-0.447	-0.1908	0.2099	0.0258	0.3695	1.245	1.0549
PVX_116490	0.0849	0.0152	0.0081	0.0019	-0.3457	-0.9146	-1.0724	-1.1585	-0.9797
PVX_000910	-0.2207	-0.5608	-0.5942	-0.4341	-0.8024	0.1131	1.2282	0.6827	0.039
PVX_121955	0.6237	-0.0497	-0.6333	-0.8993	-1.1148	-1.3897	-0.6888	0.7535	1.0899
PVX_114585	0.0462	-0.2332	-0.2003	-0.1174	-0.1046	0.185	0.3091	0.0145	-0.4309
PVX_100590	-0.1459	0.087	0.1255	-0.0521	-0.3085	0.1512	0.7908	0.4284	0.0014
PVX_088845	-0.8545	-0.9384	-1.0051	-1.1998	-1.2295	-1.1679	-0.5713	1.1576	1.1843
PVX_080630	-0.0863	0.0067	0.0599	-0.2003	-0.0328	0.1523	0.2867	0.0305	0.4831
PVX_082380	0.9393	0.3378	-0.0752	-0.2201	-0.4819	-0.6532	0.001	0.4999	0.9586
PVX_085900	-0.4481	-0.3472	-0.2903	-0.3522	-0.2354	-0.5463	0.1264	0.9632	0.8437
PVX_123720	-1.0549	-0.22	0.2759	0.5571	0.6029	0.2842	-0.3538	-0.3584	-0.4819
PVX_084130	0.256	0.0959	0.0023	0.4159	0.4521	0.1959	-0.0973	0.3387	0.9582
PVX_117245	0.5086	0.3539	0.3161	0.0195	0.009	0.171	-0.3499	-0.3548	-0.5248
PVX_123795	0.0998	0.0482	-0.0582	0.1491	0.372	0.1605	-0.0932	-0.1248	-0.308
PVX_097975	-1.2309	-0.7078	-0.3861	-0.1544	0.0638	-0.3651	-0.5164	0.8851	0.3938
PVX_092375	-0.1036	0.0791	-0.1483	-0.0676	0.0537	-0.2928	-0.2053	-0.6836	-0.561
PVX_084980	0.699	0.0707	0.1029	0.0564	-0.052	0.0783	-0.1764	0.1141	0.139
PVX_094435	-0.416	0.2853	0.3381	0.25	0.3591	0.3153	-0.0902	-0.2772	0.1707
PVX_099160	0.7	0.4005	0.0286	0.1414	0.3212	0.473	-0.2858	-1.034	-0.9253
PVX_113610	0.2842	-0.0436	0.0552	-0.0505	0.1392	0.3693	0.1782	-0.3044	-0.6194
PVX_092845	0.6315	0.2109	0.2066	-0.2766	-0.6912	-0.4691	-0.1719	0.5617	1.2203
PVX_117230	0.7285	0.3502	0.0696	-0.3725	-0.9541	-1.3373	-0.7788	0.7269	0.6519
PVX_003995	0.0818	-0.2105	-0.0948	-0.1472	-0.2396	0.0785	-0.1592	-0.2737	0.1535
PVX_099200	-0.0496	0.5567	0.6185	0.6308	0.4749	-0.0244	-0.2732	-0.3083	-0.6222
PVX_101540	0.303	0.4582	0.4047	-0.0132	0.5004	0.3888	0.802	0.5289	0.6784
PVX_121895	0.6362	0.6815	0.4354	0.1518	-0.1246	-0.4147	-0.3826	-0.4511	-0.6445
PVX_118450	0.1635	0.4419	0.3009	0.3108	0.7096	0.2673	-0.6038	-0.9339	-1.0122
PVX_114240	-0.2707	-0.0698	0.0636	-0.0663	-0.1902	0.3184	0.2725	-0.0126	-0.0573
PVX_089470	-0.104	-0.1837	0.0165	0.0325	0.0952	-0.0775	0.1473	0.9626	0.9859
PVX_123940	-0.6502	0.382	0.3145	0.4011	0.6324	0.2077	-0.4652	-0.5656	-0.6506
PVX_084525	0.3016	0.5646	0.5404	0.4527	0.507	0.444	-0.2281	-0.6787	-0.6151
PVX_002855	0.5009	-0.1458	-0.3721	0.0276	-0.238	-0.434	0.0528	0.5546	0.7039
PVX_082650	-1.954	-2.0771	-2.4171	-2.65	-2.533	-2.1311	-0.707	-0.8925	-1.2896
PVX_090125	-0.3023	-0.743	-0.8646	-0.478	0.1555	0.4306	0.6064	0.2505	0.0941
PVX_085010	0.1249	0.1542	0.2726	0.4863	0.3729	0.3244	0.4355	0.3162	0.1454
PVX_111040	-0.0007	0.4931	0.6628	0.6963	0.6524	-0.0095	-0.0314	0.1796	0.1784
PVX_090025	0.4491	0.4371	0.4836	0.4536	0.2718	-0.1474	-0.5293	-0.4196	-0.3354
PVX_117555	-0.6854	-0.5687	0.0392	0.5887	0.658	0.4636	-0.2841	-0.4387	-0.3484
PVX_095410	-0.0172	-0.5023	-0.7705	-0.6451	0.0707	0.3538	0.7684	0.6966	0.494
PVX_094480	0.0621	0.0833	0.2789	0.4677	0.3479	-0.152	-0.0736	0.5032	0.4034
PVX_089485	0.4465	0.0498	-0.4514	-0.6576	-0.5772	-0.6351	-0.4523	0.0756	0.5647
PVX_089675	0.305	-0.1578	-0.4695	-0.3899	0.1792	-0.323	0.1242	0.5893	0.9165
PVX_099640	-0.1955	-0.6548	-0.3429	-0.3209	-0.0706	0.2815	0.5986	0.2592	-0.1014
PVX_081800	-0.2248	-0.3623	-0.1932	0.3221	0.4281	0.5361	-0.0196	-0.5275	-0.6882
PVX_123995	-0.1383	-0.1673	-0.2107	-0.0044	0.2311	0.5165	0.8117	0.4209	0.0568
PVX_123400	0.0752	-0.0972	0.2848	0.4569	0.6336	0.1815	0.1633	0.1586	0.0575
PVX_124070	0.1498	0.0975	0.0073	-0.1064	0.0436	0.2406	0.1011	-0.0529	-0.0623
PVX_091980	-0.87	0.2444	0.5603	0.5464	0.4779	0.087	-0.6886	-0.8825	-0.8504
PVX_002495	-0.7016	-0.7609	-0.6825	-0.7179	-0.5553	-0.0583	-0.5242	-0.1348	-0.5036
PVX_086065	0.1175	0.2381	0.3182	0.4291	0.4477	0.1939	-0.0827	-0.3314	-0.2354
PVX_111230	-0.0045	0.1809	0.2394	0.6524	0.5499	0.1943	0.1449	0.2544	0.055
PVX_100685	0.873	0.5945	0.4649	0.1484	0.0181	-0.2364	-0.1523	0.3779	0.8157
PVX_090110	0.0251	0.1511	0.0936	0.0084	-0.5496	-1.0163	-0.9064	0.8915	0.8888

PVX_097665	0.2047	-0.1604	-0.4054	-0.5196	-0.1142	-0.0864	0.5379	0.6542	0.6235
PVX_083565	-1.8697	-1.8659	-2.3225	-2.7049	-2.5775	-2.6433	-1.8974	1.1219	1.6535
PVX_097795	0.375	0.1474	0.642	0.7695	0.8276	0.7415	0.2367	-0.1423	-0.4272
PVX_115340	0.8132	0.759	0.7313	0.4663	0.2452	0.1673	-0.3669	-0.5588	-0.3694
PVX_117430	0.0994	0.3383	0.1766	-0.015	-0.2151	-0.3958	-0.552	-0.4251	-0.5021
PVX_001615	0.2263	0.1925	-0.198	-0.1066	-0.4353	-0.3741	-0.0167	-0.0063	-0.1254
PVX_080370	-0.3143	-0.4321	-0.4913	-1.0101	-0.5148	-0.4417	0.104	0.2128	-0.0349
PVX_089290	0.6361	0.5723	0.4178	0.3294	-0.1237	-0.0767	-0.303	-0.6574	-0.5234
PVX_083180	-0.4954	-0.3437	-0.8404	-1.2099	-1.4395	-1.1543	0.733	1.1087	0.7193
PVX_086200	-0.8711	-1.0556	-1.1063	-1.0514	-1.0534	-1.0808	-0.1635	1.3552	1.0268
PVX_084195	0.6089	-0.3698	-0.5965	-0.4349	-0.1913	0.1879	0.2858	0.4009	0.972
PVX_113795	0.2215	0.3466	0.2081	0.1625	0.0829	0.2202	0.4371	0.0901	-0.0545
PVX_119350	0.6318	0.6502	0.6411	0.4152	0.0184	-0.039	0.1945	0.4996	0.7588
PVX_092645	0.0803	-0.1842	-0.3125	-0.4669	-0.5433	-0.6854	-0.5909	-0.4075	-0.1216
PVX_079985	-0.1651	-0.45	-0.3514	-0.1873	0.239	0.6681	0.7321	0.316	0.2061
PVX_119225	1.261	0.6562	0.2177	0.0064	-0.3459	-0.8702	-1.4578	-0.8997	-0.366
PVX_123395	-0.4494	-0.0538	-0.0389	-0.1006	-0.1876	0.2351	0.5237	-0.1722	-0.31
PVX_084490	-0.54	0.0962	0.3384	0.6018	0.4258	-0.192	-0.8929	-0.8472	-0.5272
PVX_100925	-0.1726	-0.1013	-0.1173	-0.1278	-0.0528	-0.2289	-0.1662	-0.4793	-0.3451
PVX_097930	0.6838	0.266	0.0984	-0.2189	-0.0203	-0.1382	0.4227	1.0273	0.6971
PVX_117845	-0.7713	-1.1169	-0.4887	0.2687	0.7199	1.1944	0.7762	0.3649	-0.0513
PVX_123800	-0.0675	-0.1478	-0.1192	-0.3572	-0.2058	-0.2321	0.2271	0.1363	0.6327
PVX_122750	0.233	0.2074	-0.076	-0.3523	-0.4713	-0.5219	0.1697	0.9755	0.7858
PVX_096950	0.9541	0.5643	0.157	-0.0935	-0.1624	-0.7871	-1.1763	-0.5791	-0.0897
PVX_084835	0.15	0.5395	0.3089	0.1696	-0.0423	-0.1041	-0.2432	-0.491	-0.3536
PVX_084915	-0.4028	-0.3735	-0.5349	-0.4624	-0.3577	-0.7999	-0.8457	-0.5717	-0.3507
PVX_124090	-0.6847	-0.8883	-0.7034	-0.2851	0.1969	0.4044	0.9071	0.852	0.2529
PVX_091335	0.0019	0.3156	0.3667	0.3654	0.4832	0.3281	0.0956	-0.433	-0.6883
PVX_097685	-1.3575	-1.71	-1.835	-2.3324	-2.2519	-1.0664	0.722	0.0038	-0.4657
PVX_093715	0.4476	0.4346	0.4151	0.475	0.409	0.5319	0.3901	0.26	0.1139
PVX_117160	-0.5093	-0.3742	-0.0884	0.1034	-0.0556	0.7514	0.8806	0.2462	0.2038
PVX_122525	0.1801	0.1706	0.2048	0.3379	0.0361	-0.7795	-0.9668	-0.9171	-0.5465
PVX_087880	-0.4596	-0.1274	0.0289	0.074	0.1077	0.5484	0.4309	-0.1246	-0.5245
PVX_100570	-0.1575	-0.0035	-0.1037	-0.1333	0.1454	0.2088	0.5758	0.8897	0.8072
PVX_099565	0.0667	0.0451	0.2068	-0.0472	0.1765	0.4977	0.4793	-0.0723	-0.4569
PVX_030190	1.4237	1.1339	0.7747	0.8433	0.4402	0.1374	-0.0476	-0.1301	-0.0066
PVX_086240	-0.0529	0.3332	0.3964	0.4449	0.753	0.2923	-0.3742	-0.7082	-0.6416
PVX_113375	-0.3945	-0.1304	0.0265	0.1988	0.3271	0.0966	0.4079	-0.0906	-0.1607
PVX_083530	0.1749	0.1956	0.3757	0.5015	0.4672	0.4771	-0.2494	-0.649	-0.4079
PVX_082595	-1.1269	-1.2247	-0.8403	-0.5038	-0.1933	0.5202	0.6756	0.1689	-0.6398
PVX_122335	-0.6446	-0.7501	-0.8448	-0.2565	0.8827	0.2673	-0.1402	-0.0569	0.037
PVX_114025	-0.5133	-0.0513	0.4726	0.5548	0.6858	-0.503	-0.0795	-0.0379	-0.2535
PVX_091075	1.1934	0.4112	-0.0496	-0.3615	-0.505	-0.5568	0.7813	1.2315	1.5027
PVX_090200	-0.6227	-0.2246	0.07	0.0356	-0.114	0.3555	0.398	0.2694	-0.087
PVX_121935	0.6676	0.7978	0.7361	0.6319	0.0061	-0.3508	-0.7719	-1.2152	-0.7955
PVX_094635	0.0799	-0.9051	-1.3897	-0.6909	-0.0044	0.4973	0.5826	0.6335	0.7559
PVX_084455	0.0143	-0.1236	-0.3937	-0.8155	-0.5226	0.502	0.9532	0.8246	0.9365
PVX_080615	-0.2031	-0.2312	0.0861	0.2327	0.2176	0.5257	0.4896	0.2306	0.2071
PVX_082390	-0.0014	0.1331	0.2668	0.2665	0.2203	0.1912	0.5601	0.1911	-0.0463
PVX_085100	-0.1008	0.1609	0.2488	0.2787	0.4771	0.5598	0.2265	-0.0306	-0.1511
PVX_095120	-0.1562	0.4924	0.648	0.7519	0.84	0.1239	-0.7249	-1.013	-1.081
PVX_086005	1.0879	0.6473	0.3889	0.254	-0.3077	-0.5362	-0.6753	0.1382	0.3612
PVX_114675	0.2642	0.9639	1.0728	0.9115	0.1116	-0.8187	-0.896	-0.7241	-0.4373
PVX_088175	0.212	0.0036	0.1253	0.425	0.553	0.6663	0.2458	0.2052	-0.1086
PVX_115100	0.4329	0.1099	-0.0469	-0.6822	-0.8179	-0.8702	-0.5209	0.1739	1.1265
PVX_092165	0.2732	-0.1945	-0.4122	-0.5669	-0.376	-0.3456	0.3287	0.6778	0.8124
PVX_085155	-0.1503	0.0063	0.1794	0.1055	0.1457	0.3795	-0.2134	-0.4428	-0.3417
PVX_082600	0.223	0.3474	0.3541	0.0196	0.0834	-0.1654	-0.4739	-0.5085	-0.5995
PVX_125730	0.1883	0.4469	0.5054	0.7008	0.6134	-0.312	-0.6377	-0.8301	-0.6001
PVX_097715	-0.6989	-1.0251	-1.3012	-1.2465	-1.5966	-1.2877	-0.6691	0.8396	0.9188
PVX_122615	-0.5293	-0.3805	0.1614	0.4234	0.4641	0.5856	0.1326	-0.3693	-0.5025
PVX_099680	0.1787	0.2421	0.2138	0.1106	0.1377	0.0704	-0.4541	-0.1418	-0.2208
PVX_119290	0.7907	0.897	0.921	0.6707	0.315	0.7527	0.4922	-0.0315	0.0174

PVX_001875	0.3684	-0.1082	-0.5064	-0.6532	-0.4834	-0.4534	0.3132	0.6247	0.8742
PVX_085545	-0.4542	0.3349	0.4597	0.5248	0.5171	0.2677	-0.2172	-0.4544	-0.5005
PVX_114175	-0.7458	-0.8599	-0.8389	-0.6015	-0.7349	-0.4282	0.8083	0.7749	-0.1791
PVX_119635	0.3713	0.3485	0.1746	0.3031	-0.1253	0.1525	-0.1923	-0.3434	-0.2071
PVX_100690	0.2747	0.5166	0.4205	0.626	0.5642	-0.1025	-0.9068	-0.9945	-1.0643
PVX_045190	-0.5376	0.3782	0.4001	0.4374	-0.2863	0.2704	-0.3404	-0.7745	-0.518
PVX_123785	-1.3607	-1.7074	-2.1023	-1.7548	-1.0821	0.3037	1.1597	0.2217	-0.0464
PVX_082720	-0.3235	0.0648	0.2265	0.3969	0.3272	0.4702	0.0466	-0.5091	-0.721
PVX_114700	0.7582	0.2313	0.2338	0.1613	-0.213	0.0203	-0.626	-0.9983	-0.9272
PVX_091390	-0.5165	-0.5792	-0.1227	0.2738	0.6554	0.4542	-0.1915	-0.4582	-0.5144
PVX_091840	0.8152	0.1326	0.0229	-0.1961	-0.2109	-0.2969	-0.3567	-0.1816	0.0462
PVX_000960	0.3031	0.2012	-0.099	-0.1275	0.0643	0.5071	0.0962	-0.2092	-0.1489
PVX_113695	-0.7505	-0.3639	0.4348	0.5653	0.5909	0.1412	-0.0321	-0.272	-0.2924
PVX_099650	0.7395	0.7097	0.7175	0.6127	0.6734	0.2861	-0.2014	-0.3088	-0.2385
PVX_082800	0.3041	0.83	0.9524	0.8567	0.7687	0.1691	-0.0291	0.1442	0.2064
PVX_116715	-0.0153	-0.0271	-0.0465	0.0259	-0.3064	-0.3696	-1.2159	-1.6572	-2.0426
PVX_099670	1.0873	0.7872	0.3254	-0.1902	-0.7547	-0.4927	-0.2805	0.5301	1.315
PVX_080000	1.1592	0.7406	0.5772	0.3409	0.1706	0.0916	-0.1359	-0.2201	0.1114
PVX_088270	-0.1114	0.0886	-0.3845	-0.2421	-0.6022	-0.4806	-0.2667	0.3602	0.3507
PVX_094725	-0.0446	-0.0038	0.1701	0.1909	0.0852	0.7499	0.0215	-0.0301	0.0103
PVX_089280	0.4443	0.5174	0.5523	0.4655	0.4658	0.0946	-0.8116	-1.2257	-1.1197
PVX_095190	-1.0682	-1.0123	-0.9643	-0.7003	-0.4888	0.3089	0.5465	0.0416	-0.5999
PVX_122457	-1.3142	-0.6167	0.6121	0.8843	0.9094	-0.3028	-0.7646	-1.1634	-0.8652
PVX_089680	0.7504	-0.4113	-0.8684	-1.0011	-0.5786	0.2152	0.7468	1.1316	1.3003
PVX_113780	0.7733	0.5323	0.2911	0.3055	0.0568	-0.1313	0.2647	0.31	-0.0863
PVX_124712	-0.3888	-0.0719	0.063	0.4427	0.1774	-0.1702	-0.3379	-0.2528	-0.1191
PVX_095255	-0.4993	0.0158	0.1294	0.219	0.3886	0.9378	0.4678	-0.6362	-1.1407
PVX_083060	-0.7802	-1.253	-1.1314	-0.4461	0.2864	0.669	0.4398	-0.3432	-0.4199
PVX_095200	-0.4351	0.1832	0.0954	0.2351	0.3731	0.3728	-0.1619	-0.4698	-0.4981
PVX_101185	0.5671	0.7596	0.7109	0.7451	0.3869	-0.1381	-0.2653	-0.3154	-0.2202
PVX_080410	-0.4946	-0.834	-1.1378	-1.3936	-0.5358	0.4601	0.5121	0.3952	0.2583
PVX_114390	-0.45	-0.6316	-0.391	-0.0421	0.2389	0.6658	-0.0247	-0.2963	-0.3548
PVX_086315	-0.969	-0.1801	-0.0861	0.1661	0.5499	0.8197	0.2894	-0.4418	-0.7479
PVX_117335	1.0803	-0.1019	-0.546	-0.8099	-0.8278	-0.8819	0.2491	1.2075	1.4361
PVX_002805	0.4323	0.1218	0.0677	-0.2223	-0.3968	-0.5932	-0.0556	0.5943	1.0522
PVX_101085	-0.3661	-0.3571	-0.4363	-0.2449	-0.2321	0.2041	1.1158	0.8063	0.305
PVX_083505	0.1771	0.1507	0.2366	0.5556	0.4674	0.1817	0.101	-0.0303	-0.1759
PVX_083320	-0.4252	0.0959	0.1385	0.3539	0.2072	0.4001	0.0238	-0.5589	-0.7336
PVX_122560	-0.2009	-0.3417	0.1068	0.6797	0.9424	-0.5303	-0.8843	-0.5004	-0.0312
PVX_123540	-0.3116	-0.3525	0.4912	0.6923	0.4608	-0.0102	-0.2406	-0.2853	-0.1655
PVX_113860	-0.1252	0.2052	0.1992	0.1609	-0.3708	-0.1882	-0.768	-1.1571	-1.3452
PVX_119440	-0.2553	0.2007	0.337	0.3585	0.56	0.049	-0.6636	-0.2425	0.1569
PVX_084335	0.1602	0.1625	0.5795	0.9153	0.8529	0.8551	0.5973	0.1624	-0.1472
PVX_092930	0.5548	-0.538	-0.8248	-0.8209	-1.3441	-0.6652	-0.1239	0.7218	0.81
PVX_096930	0.2803	0.3823	0.1963	0.4409	0.311	-0.0191	0.1293	0.139	0.1879
PVX_090280	0.1647	0.6338	0.3908	0.2838	-0.0258	-0.5397	-0.4828	0.2404	0.6958
PVX_100965	-0.5085	-0.6735	0.3762	0.8973	0.766	-0.0243	-0.4994	-0.6599	-0.5596
PVX_083300	-0.2494	-0.4466	-0.9407	-1.3623	-1.4224	1.0079	1.3248	0.7002	0.7009
PVX_114380	-0.1342	0.076	0.257	0.6203	0.4422	-0.1905	-0.0829	0.3216	0.0883
PVX_116755	0.606	-0.5621	-0.9115	-1.088	-0.2076	-0.1679	-0.2091	0.5786	0.9067
PVX_101525	-0.1152	0.2665	-0.0835	-0.6669	-1.1259	-0.9721	-0.8719	0.0295	0.6938
PVX_003670	-0.0268	-0.3994	-0.1667	-0.1234	-0.0516	0.1858	0.0576	-0.0313	0.4565
PVX_082445	-0.3704	-0.3071	-0.2517	-0.2163	-0.0563	0.4285	0.5238	0.2085	0.0383
PVX_117775	0.0365	0.0769	0.0774	0.1686	0.0548	0.3438	0.1223	-0.614	-0.8478
PVX_094860	-1.1963	-0.2648	0.4522	0.6068	0.418	-0.3136	-0.8434	-1.0153	-0.7997
PVX_089060	-0.1	0.5232	0.8089	0.8447	0.3803	-0.0192	-0.2996	0.1111	-0.0959
PVX_119670	-0.1296	-0.1274	0.2563	0.105	0.1296	0.3708	0.5937	0.8435	0.6271
PVX_123190	-1.574	-1.5036	-1.7135	-1.8209	-1.8194	-1.7362	1.2253	0.917	0.0398
PVX_100735	-0.4545	-0.5471	0.0308	0.5293	0.8855	0.501	-0.2197	-0.2365	-0.1479
PVX_116770	-0.0729	-0.326	0.0736	0.3182	0.3005	0.6898	0.1701	-0.0065	0.2045
PVX_080365	0.4163	0.5791	0.4797	0.5501	0.5616	-0.0496	-0.9636	-1.3497	-1.3575
PVX_091165	0.5868	0.4461	0.4715	0.4504	0.1247	0.0704	-0.3729	-0.305	-0.3185
PVX_093615	0.6505	0.6007	0.4379	0.5696	0.7761	0.4921	0.7707	0.6983	0.6922

PVX_122920	0.336	0.172	0.3547	0.5694	0.2282	0.0095	-0.6709	-0.9291	-0.7057
PVX_082470	0.1857	-0.2449	0.5743	0.8925	0.6507	0.4022	0.0424	0.1021	0.3027
PVX_086270	0.5734	-0.3069	-0.4426	-0.4539	-0.4366	0.1213	0.5537	0.5587	0.5199
PVX_002505	-0.4475	-0.5078	-0.5035	-0.7004	-1.1712	-0.9543	-0.4418	0.1681	-0.0606
PVX_098025	0.9483	0.6526	0.7918	0.7451	0.5087	-0.037	-0.8169	-0.9131	-0.8013
PVX_119695	-0.0969	-0.3415	-0.1333	0.4963	0.9467	0.5513	-0.1698	-0.0107	0.0102
PVX_117545	0.0649	0.7216	0.6216	0.3582	-0.111	-0.2736	-0.3575	-0.0364	-0.0113
PVX_110985	-0.7814	-0.0126	0.0843	0.2039	0.6664	0.7115	0.0827	-0.4091	-0.5856
PVX_113605	-0.006	0.1546	0.2145	0.0918	0.2985	0.5366	0.8124	0.6706	0.0784
PVX_092310	-0.697	0.4824	0.7894	0.8379	0.2766	-0.9156	-1.4053	-1.403	-1.1306
PVX_080545	-0.394	-0.421	0.0324	0.2349	0.2689	-0.0716	-0.0635	0.1718	0.0401
PVX_118590	-0.0546	-0.2758	-0.0742	0.0372	0.0068	0.0404	0.0569	0.2698	0.5228
PVX_100520	0.259	0.7451	0.7521	0.5691	-0.2163	-0.7994	-0.7776	-0.3677	-0.2828
PVX_115030	0.8923	-0.0618	-0.3073	-0.5601	-0.5808	-0.4388	0.5363	1.1274	1.0142
PVX_091440	0.0494	0.8583	0.9462	0.8514	0.4922	-0.5139	-0.9919	-1.3624	-1.1189
PVX_098595	-0.7018	-0.1536	0.4144	0.6267	0.2447	0.1978	-0.6049	-0.6462	-0.5399
PVX_098880	0.015	0.46	0.4445	0.3781	0.038	-0.9232	-0.8751	-0.5366	-0.5157
PVX_093555	-1.2007	-0.2737	0.3602	0.6577	0.7374	1.2076	0.4531	-0.6432	-1.0872
PVX_001735	-0.5073	-0.364	-0.0119	0.257	0.1803	0.0208	0.7425	0.9206	0.4143
PVX_089200	0.0941	0.0175	-0.139	-0.1676	-0.0631	0.1852	0.1024	-0.4059	-0.7091
PVX_023685	0.6969	0.5705	0.1977	0.0806	0.1997	0.3667	-0.0711	-0.3284	-0.2725
PVX_116905	-0.5284	-0.2143	0.472	0.989	0.9893	0.4304	-0.2191	-0.5485	-0.5592
PVX_082900	0.117	0.0028	0.4529	0.6472	0.3339	0.2378	0.1725	0.1387	0.3382
PVX_085355	-0.189	-0.0276	-0.3261	-0.3542	-0.3645	0.4526	0.4057	0.1678	0.1336
PVX_116760	0.1772	-0.7367	-0.8471	-0.5208	-0.1505	0.265	0.3886	0.5366	0.6781
PVX_099350	-0.2892	-0.3894	-0.5092	-0.5365	-0.7389	-0.7736	0.5061	1.0738	0.678
PVX_054690	1.2249	1.0965	0.6142	0.5035	0.0533	-0.1094	-0.681	-0.7419	-0.4926
PVX_087670	1.065	0.5787	0.2037	-0.0138	-0.3645	-1.6715	-2.0944	-0.9054	-0.2539
PVX_096040	-0.2767	0.2737	0.2351	0.4526	0.1371	-0.1591	-0.078	-0.1299	-0.1679
PVX_085075	0.7583	0.4003	0.1304	-0.1894	-0.2569	-0.1452	0.0563	0.6639	1.0725
PVX_084375	-1.4533	-1.3981	-1.1367	-0.7509	-0.1985	0.5739	0.8501	0.1826	-0.3007
PVX_092305	0.1676	-0.2343	-0.2972	-0.1929	0.2048	0.6831	0.5073	-0.5661	-0.801
PVX_117480	-1.0423	-0.3497	0.0456	0.2278	0.3081	0.2817	-0.1156	-0.6215	-0.838
PVX_001665	0.3235	0.365	0.336	0.2	0.1199	0.2018	0.2644	-0.2979	-0.6215
PVX_099170	0.2304	-0.1807	-0.2524	-0.3152	-0.0608	0.1652	0.371	0.2867	0.3303
PVX_080070	-0.0329	-0.5297	-0.5783	-0.4859	-0.6142	0.1276	0.4187	0.4952	0.6534
PVX_109785	-0.1465	-0.1519	-0.265	-0.7358	-0.1334	-0.2029	-0.0587	-0.0576	-0.1649
PVX_098895	0.7559	0.4194	0.2426	-0.0848	-0.252	-0.384	-0.206	0.2262	0.9646
PVX_080255	0.1722	0.2611	0.4862	0.5875	0.7431	0.0445	-0.7791	-0.606	-0.4626
PVX_113765	0.2058	0.0807	-0.2446	-0.7104	-0.8806	-0.8794	-0.7611	-0.0381	0.7788
PVX_117005	-0.9099	-0.8896	-1.0191	-1.1386	-0.8008	-0.3563	0.9321	0.9464	0.0646
PVX_119660	0.4454	0.3642	0.3119	-0.0122	0.2447	-0.0942	-0.3628	-0.712	-0.5575
PVX_117535	-0.0216	0.1797	0.1414	-0.0511	0.0624	-0.055	-0.2651	-0.3617	-0.4722
PVX_083325	-1.5586	-1.5751	-2.0031	-1.9166	-1.3818	0.057	1.2893	0.6522	0.0132
PVX_120330	1.3483	0.9814	0.2258	-0.3285	-1.213	-1.2637	-1.33	-0.0395	0.1936
PVX_116885	0.1576	-0.2409	-0.0666	0.1367	0.0749	-0.3015	-0.0025	0.4413	0.6322
PVX_097985	0.5385	0.1558	0.2101	0.1492	-0.0472	0.18	0.6826	0.538	0.4411
PVX_116800	0.5609	0.8402	0.67	0.8193	0.2916	-0.1238	-0.5724	-0.6059	-0.3345
PVX_123320	0.3211	-0.362	-0.5363	-0.1973	0.4116	-0.0732	0.3179	0.3986	0.5426
PVX_124175	0.0638	0.1717	0.1343	0.0419	0.1883	0.3431	0.4989	0.3951	-0.4144
PVX_018155	0.4175	0.2782	0.3388	0.0493	0.2905	0.3482	0.3552	0.1076	0.0962
PVX_082405	0.7675	-0.1332	-0.532	-0.7669	-0.9291	-0.8569	0.1785	0.9353	1.1434
PVX_091860	-0.3994	-0.6708	-0.436	-0.2144	0.0544	0.3581	0.4441	-0.4011	-0.3443
PVX_083160	-0.0709	0.3021	0.2574	0.2719	0.3607	-0.3878	-0.2967	0.0078	-0.145
PVX_081710	0.0901	-0.2291	-0.4236	-0.7279	-0.4873	0.0986	0.404	0.0898	0.2534
PVX_091315	-0.1323	0.2082	0.3779	0.4354	0.4984	0.8959	0.1014	-0.6411	-1.0001
PVX_092315	-0.564	-0.2046	0.1346	0.3684	0.4816	0.8864	-0.16	-0.9254	-0.9476
PVX_123550	0.09	0.3049	0.0872	-0.0677	-0.477	-0.3929	0.1491	0.0258	0.3062
PVX_113225	1.1893	-0.2242	-1.1135	-1.6488	-1.9782	-1.5776	-1.5236	-0.0031	0.5728
PVX_094910	-0.0366	0.3893	0.5861	0.5205	0.6478	0.2987	-0.2261	-0.3872	-0.6052
PVX_003945	0.0352	0.3482	0.3812	0.3748	0.5013	0.2528	-0.6163	-0.8574	-0.7826
PVX_089940	1.07	0.3101	-0.5268	-1.1346	-1.3728	-1.3802	0.2298	0.944	1.2498
PVX_123500	-0.1195	0.0016	-0.0479	-0.2488	-0.4051	-0.4819	-0.0855	0.2819	-0.3697

PVX_002555	-0.1514	0.2681	0.4412	0.664	0.4761	0.4512	-0.365	-0.2764	0.0374
PVX_086275	0.0925	-0.5492	-0.9033	-0.8997	-0.0159	0.8514	0.6165	0.6071	0.844
PVX_114410	-1.0846	0.2333	0.552	0.5905	0.5884	-0.0642	-0.762	-0.4103	-0.2073
PVX_095325	-0.0004	0.887	0.9997	0.8057	0.1289	-0.2454	-0.4805	-0.6384	-0.4323
PVX_122160	0.4386	-0.0062	-0.1868	-0.2416	-0.0677	-0.0539	0.6891	0.7317	0.7621
PVX_084555	-0.5676	0.1356	0.436	0.619	0.5803	-0.0795	-0.4179	-0.3677	-0.5368
PVX_122375	-1.0147	-0.9032	-0.1473	0.9666	1.081	0.2626	-0.5119	-0.7983	-1.0072
PVX_001110	0.6373	0.4452	0.1992	-0.0496	-0.4122	-0.8753	-0.694	-0.3637	-0.234
PVX_117045	-0.5822	-0.5273	-0.5716	-0.5768	-0.5763	-0.5506	0.3074	1.2292	0.553
PVX_120335	0.177	0.4408	0.7294	1.2196	0.902	0.3245	0.3831	0.5226	0.7325
PVX_084355	-0.4051	-0.1848	-0.1602	-0.0622	-0.3686	-0.5744	0.5983	0.8484	0.6064
PVX_116535	0.3601	0.5051	0.6517	0.6952	0.4481	0.3984	-0.1879	-0.2921	-0.0224
PVX_119215	-0.5517	-0.6543	-0.5653	-0.4156	-0.6949	-0.7927	-0.7669	-0.7108	-0.5199
PVX_083435	0.6722	0.2707	-0.0679	-0.7847	-0.7875	-0.7795	-0.1668	0.6079	1.3803
PVX_099025	-0.4334	-0.1265	0.3163	0.5025	0.5962	0.4995	0.0969	-0.0923	-0.1422
PVX_084940	-0.6089	0.1473	0.4085	0.5998	0.8672	0	-0.3575	-0.7556	-1.1384
PVX_119325	0.2572	0.0303	-0.0597	-0.1113	-0.0118	0.1086	0.5925	1.0556	0.8298
PVX_083195	-0.5621	-0.7378	-0.5737	-0.066	0.1965	0.4393	0.5789	0.1722	0.266
PVX_001925	0.1629	-0.4381	-0.3586	-0.0477	0.367	0.5599	0.5306	0.18	0.6019
PVX_118335	0.3002	0.0826	-0.0646	-0.1544	0.0817	0.2734	0.7103	0.2822	0.083
PVX_006580	1.2681	1.3382	1.0234	1.1904	0.6482	0.2852	0.1698	0.0793	0.3375
PVX_085785	0.5986	0.2257	0.1866	-0.0435	-0.1801	-0.3891	-0.1908	0.5664	1.4948
PVX_096105	0.7724	0.5778	0.2567	0.0556	-0.3315	-0.1259	-0.2935	0.1116	0.3452
PVX_092105	-0.1513	0.0043	-0.336	-0.2168	-0.1674	0.1506	-0.131	0.0418	-0.1285
PVX_090835	-0.3828	-0.0289	-0.3277	-0.5216	-0.4491	-0.014	0.3752	0.0748	0.0327
PVX_114800	-0.2738	-0.5013	-0.3254	0.3217	0.3749	0.5221	0.3118	-0.0061	-0.1178
PVX_095230	-0.1247	-0.3479	0.0186	0.2313	0.1002	0.212	0.2492	0.194	0.1749
PVX_085910	0.5275	0.0606	-0.5212	-0.9736	-0.7021	-0.5757	0.6377	1.1455	1.1946
PVX_092510	0.6446	-0.1562	-0.4699	-0.6004	-0.5847	-0.0861	0.3741	0.6549	1.0292
PVX_087780	-0.4411	0.0052	0.485	0.5763	0.768	0.6057	0.1882	-0.0052	-0.2459
PVX_114170	-0.1902	0.2525	0.3706	0.4435	0.4232	0.3121	0.0853	-0.4745	-0.7353
PVX_091530	-0.0641	-0.3159	-0.2616	0.1532	-0.25	0.1879	0.6117	0.3954	0.1518
PVX_122395	-0.4647	-0.9933	-0.5375	0.2772	0.8468	0.358	-0.3391	-0.289	-0.2789
PVX_087810	-0.4125	-1.4299	-1.3326	-0.8843	-0.0481	0.8866	0.5186	0.0914	0.002
PVX_079895	-1.397	-1.2138	-0.8682	-0.5217	-0.1692	0.164	0.7874	-0.0067	-0.5188
PVX_085325	-0.1716	0.0272	0.4606	0.4999	0.4019	-0.0938	0.5074	0.5989	0.1458
PVX_092190	0.3236	0.4519	0.3715	-0.1317	0.3133	0.137	0.0514	0.2036	0.3305
PVX_100960	0.3438	-0.0085	-0.2451	-0.2253	-0.0258	0.5316	0.4911	-0.0033	0.0233
PVX_100770	0.6315	0.1755	-0.1925	-0.4369	-0.2451	0.3099	0.0958	-0.7046	-0.9623
PVX_121920	-1.4442	-1.3601	-1.4502	-1.3835	-1.6102	-1.5239	-0.2647	1.3013	1.2091
PVX_118500	-0.3498	0.0336	0.1714	0.3214	0.2726	0.5258	-0.3629	-1.1449	-0.9827
PVX_101220	-0.1925	0.1918	0.4915	0.395	0.2242	-0.1013	-0.6024	-0.4949	-0.1802
PVX_123885	0.1246	0.5672	0.6647	0.6499	0.7077	0.337	-0.0426	-0.127	-0.2136
PVX_124045	0.3395	-0.3158	-0.2446	-0.2075	0.2578	0.9548	1.0507	0.8146	0.5132
PVX_122310	0.2599	0.3351	0.4515	0.1916	0.3116	-0.5505	-0.9559	-0.7949	-0.555
PVX_098760	0.1769	0.1392	0.1712	0.3925	0.5166	0.4528	0.1428	0.1111	-0.1416
PVX_111135	-0.3215	-0.4928	-0.6695	-1.3027	-1.531	-1.494	0.5527	1.3992	1.2091
PVX_079955	-1.4914	-1.4576	-1.6265	-1.6272	-1.792	-1.6467	-0.0872	1.1017	1.112
PVX_085175	-1.3097	-1.224	-0.0633	0.5656	0.6964	0.8995	-0.0627	-0.7342	-0.7965
PVX_112630	0.5683	0.4576	0.4219	0.2661	-0.2916	-0.481	-0.9056	-0.6932	-0.2825
PVX_100815	-0.4865	-0.899	-0.6855	-0.9787	-0.6084	-0.4118	0.3334	0.8385	0.4581
PVX_083370	0.322	0.5472	0.5499	0.4703	0.496	0.4867	0.4875	0.0926	-0.1678
PVX_119805	0.3086	0.026	-0.2838	-0.524	-0.0812	0.418	0.6072	0.6742	0.6003
PVX_081205	-0.9708	-0.0317	1.0849	1.2363	0.6543	-0.4348	-0.7178	-0.6699	-0.4922
PVX_092770	0.8712	0.6305	0.6311	0.5138	0.223	-0.2006	-0.6229	-0.3094	0.0267
PVX_100935	-0.7826	0.2929	0.605	0.5866	0.6174	0.6148	-0.7544	-1.2516	-1.2138
PVX_124085	0.6838	0.8331	0.7758	0.4378	0.1019	-0.5451	-0.804	-0.237	-0.2454
PVX_086985	-0.4455	-0.4732	-0.4556	-0.3893	-0.3028	0.0824	0.3834	0.5564	0.0852
PVX_084825	-0.8052	-1.0479	-1.0496	-1.0123	-0.211	0.5759	0.9913	0.3172	0.058
PVX_000780	0.6024	0.5896	0.5766	0.4119	0.463	0.2487	-0.2499	-0.412	-0.2656
PVX_092615	-0.3756	-0.6567	-1.0968	-1.6321	-1.6128	-1.152	0.8287	0.712	0.5132
PVX_086010	1.2038	0.2905	0.0239	-0.2281	0.029	-0.078	0.2876	0.8691	1.2656
PVX_096255	-0.2107	0.3372	0.3157	0.433	0.9948	0.6724	-0.1546	-0.6604	-0.6931

PVX_123260	0.3554	0.1235	0.1138	-0.1995	-0.3186	0.5043	0.4989	0.1621	0.4208
PVX_002970	-0.3715	-0.2495	-0.3107	-0.5673	-0.9002	-0.0204	0.7285	0.2418	0.0658
PVX_083045	-1.8287	-0.583	0.0279	0.9289	1.1886	0.419	-0.7488	-1.6188	-1.6374
PVX_086015	-0.6911	-0.2547	-0.086	0.1409	0.4469	0.6706	0.4072	-0.274	-0.5612
PVX_117310	0.6188	-0.129	-0.3282	-0.4909	0.4914	0.633	0.2106	0.2524	0.8386
PVX_092535	-0.573	-0.926	-1.1215	-1.18	-0.1487	1.0437	0.8362	0.1464	-0.0944
PVX_082435	0.1226	0.0485	0.0108	0.1198	0.0747	-0.1364	-0.1513	0.191	0.1914
PVX_086120	0.488	0.3017	0.2913	0.2695	0.083	0.4707	-0.0246	-0.4591	-0.4756
PVX_095265	0.0766	-0.4294	-0.066	0.2393	0.455	0.9137	0.3018	-0.1051	0.1379
PVX_101245	0.3167	-0.1791	-0.6732	-0.4166	0.251	0.2918	0.1862	0.1302	0.2037
PVX_090080	0.5422	0.6556	0.5876	0.0527	0.178	-0.2445	-0.1615	-0.2136	-0.0532
PVX_089120	0.6121	0.5538	0.3682	0.2736	0.2957	0.3499	0.5148	0.0343	-0.1294
PVX_101275	0.5489	0.3552	0.1372	-0.1055	-0.0925	-0.2191	0.3151	0.6831	0.5478
PVX_079905	-0.93	-0.3794	0.1378	0.3437	0.4132	0.5718	0.2604	-0.6697	-0.9207
PVX_123930	-0.5558	-0.4722	0.1402	-0.0833	0.1276	0.1363	-0.3615	-0.095	-0.3263
PVX_094455	0.6043	0.1952	-0.3166	-0.2647	0.1074	0.5431	0.2577	0.6839	0.8079
PVX_089025	0.3628	0.5906	0.5144	0.5283	0.2393	-0.3744	-0.966	-1.2893	-1.5529
PVX_117670	-0.4778	-0.4411	-0.0018	0.8093	1.0081	0.9319	0.2571	-0.0128	-0.0981
PVX_113850	1.0778	0.8192	0.5934	0.3731	-0.1795	-1.4944	-0.8893	0.1835	-0.0109
PVX_087680	-0.2567	-0.0532	-0.2748	-0.6412	-0.5842	-0.651	-0.4041	0.0431	0.8086
PVX_099010	0.1369	0.5206	0.6729	0.9024	0.5948	0.0555	-0.053	-0.1343	-0.1556
PVX_124170	-0.4263	0.1053	0.3491	0.536	0.2731	-0.4254	-0.0975	-0.6834	-0.8352
PVX_082890	-0.3649	-0.7851	-0.1212	0.203	0.2982	0.2416	0.5778	0.3076	-0.0006
PVX_113485	1.4614	0.7576	0.4567	0.034	0.0644	0.1591	0.5134	0.6832	1.0997
PVX_087015	0.1675	0.5812	0.622	0.4724	0.6116	0.1044	-0.2716	-0.3401	-0.2772
PVX_092950	0.4819	-0.0547	0.3158	-0.8022	-0.1473	-0.3215	-0.0629	0.3688	0.8943
PVX_080045	-0.3028	0.1538	0.2998	0.4898	0.3007	0.1727	0.4833	0.5295	0.4131
PVX_118425	0.1404	-0.3741	-0.5447	-0.9938	-1.2886	-0.4604	0.4816	0.4549	0.6939
PVX_101625	-0.1377	-0.1808	-0.1984	-0.2245	-0.1495	-0.4542	-0.086	0.0266	-0.0701
PVX_092505	0.6017	0.104	-0.0918	-0.3035	-0.4287	-0.1827	0.7129	1.2621	1.2389
PVX_087825	0.1153	0.2292	0.141	0.1778	0.2822	0.011	-0.5248	-1.2943	-1.1734
PVX_079935	-1.3549	-1.0842	-0.574	-0.1679	0.193	-0.1384	-0.2244	-0.7816	-0.8879
PVX_115255	0.0753	0.163	0.0943	0.1087	0.1452	0.1934	-0.4782	-0.7169	-0.7889
PVX_115235	-0.6156	-0.251	0.3376	0.6898	0.6125	0.207	-0.0884	-0.2113	-0.3796
PVX_069690	0.2921	0.2388	0.3855	0.7189	0.8136	0.9246	0.8556	0.5982	0.6252
PVX_123470	1.0947	-0.1162	-0.4649	-0.8048	-0.9758	-0.6761	0.4703	1.0652	1.2446
PVX_118360	-0.7995	-1.1454	-0.7592	0.2151	0.4229	0.9997	0.1366	-0.18	-0.0922
PVX_094905	-0.7645	-0.6362	-0.8183	-0.8652	-0.8543	-1.0719	1.1337	1.2747	0.6422
PVX_116670	0.3248	0.4863	0.6389	0.9233	0.8826	0.5672	0.1659	-0.0113	-0.1428
PVX_080240	0.9649	0.8035	0.7207	0.5331	0.2779	-0.3345	-0.5949	-0.3912	0.0431
PVX_084945	-0.7256	-0.0513	0.2125	0.3723	0.6599	0.6075	-0.0675	-0.4889	-0.9671
PVX_116900	0.3561	0.1507	-0.3507	-0.5706	-0.8375	-0.5822	0.0497	-0.0388	0.0127
PVX_101390	0.1126	0.0313	0.1545	0.2505	0.2379	-0.3177	-0.7947	-0.8702	-0.8993
PVX_122760	1.1686	0.6473	0.2427	-0.2036	-0.4295	-0.3294	-0.0062	0.5166	1.4453
PVX_089955	0.2224	0.0925	0.0734	0.0831	-0.1758	-0.3809	-0.3975	-0.3634	-0.4325
PVX_118565	-0.2244	-0.0355	0.0584	-0.0803	0.0407	0.3679	0.3853	-0.1863	-0.7518
PVX_119610	-0.6394	-0.3563	-0.6922	-0.5195	-0.2969	-0.5657	-0.2852	-0.2805	-0.452
PVX_080640	-0.6705	-0.3093	-0.0489	0.2015	0.2998	0.4378	0.1754	-0.4472	-0.4508
PVX_086935	0.5392	0.6062	0.2267	-0.2242	-0.4672	-0.2933	-0.3657	-0.2027	-0.1655
PVX_099100	0.0483	0.6646	0.6577	0.4835	0.471	-0.0963	-0.2493	-0.1766	-0.1356
PVX_082860	-0.9855	-0.7184	0.1146	0.5075	0.6813	0.1514	-0.697	-1.1017	-1.1445
PVX_123350	0.103	-0.2168	-0.3056	-0.3344	-0.5259	-0.1266	0.2674	0.3022	0.4633
PVX_096915	1.4614	0.666	0.1056	0.2743	0.427	-0.1013	-0.3444	-0.2455	0.3156
PVX_003735	0.9652	0.5217	0.3598	0.158	0.2913	0.3496	0.698	0.749	0.357
PVX_121885	-0.3605	-0.3814	-0.2265	-0.2649	-0.5823	-0.3388	0.6463	0.4677	0.0116
PVX_079790	-0.0824	0.4378	0.5482	0.5066	0.4409	0.3567	0.252	-0.0627	0.2412
PVX_003690	0.3434	-0.3001	-0.6902	-0.7917	-0.7577	-0.9104	-0.2113	1.0659	0.7901
PVX_063690	0.6936	0.5398	0.2778	0.0806	-0.1228	-0.3107	-0.9297	-1.1429	-0.7394
PVX_085375	-0.702	0.2025	0.6583	0.8914	0.4822	0.0063	-0.4696	-0.4708	-0.4684
PVX_002640	0.7642	0.6971	0.8816	0.9916	0.9508	0.7224	0.6049	0.4138	0.2656
PVX_117685	-1.114	-0.9121	-1.0538	-0.8651	-0.4348	0.9259	1.0172	0.2083	-0.2203
PVX_122700	-1.1199	-0.8948	-0.113	0.1137	0.3981	0.8343	0.3729	-0.1129	-0.378
PVX_116855	1.072	0.6399	-0.2829	-0.9799	-1.1572	-1.0388	0.2621	1.2184	1.4852

PVX_095997	0.2637	-0.009	-0.0187	-0.08	-0.3901	-0.6054	-0.6296	-0.1438	0.0887
PVX_093625	0.7479	0.6711	0.7813	0.8339	0.353	-0.0806	-0.6414	-0.4665	-0.5474
PVX_087930	0.8215	0.5543	0.1811	-0.0157	-0.2227	-0.2468	-0.2309	-0.051	0.2357
PVX_091695	-0.1045	-0.6074	-0.4451	-0.1774	-0.3935	0.6242	0.6987	0.4165	0.4317
PVX_113960	-0.4144	-0.5064	-0.635	-0.8223	-0.5244	-0.383	-0.654	-0.187	-0.3246
PVX_095030	-0.0363	0.3852	0.4936	0.6307	0.7566	0.5986	0.3805	0.0947	-0.1881
PVX_083105	-0.4743	-0.2204	-0.0904	0.0901	-0.1456	0.3783	0.0089	0.3573	-0.064
PVX_080435	0.4516	0.8937	0.5744	0.3057	0.2974	-0.0327	-0.2177	-0.3169	-0.1875
PVX_112685	-2.085	-2.4532	-2.8282	-2.836	-2.9145	-1.7982	-1.7644	0.3671	0.7182
PVX_088115	-0.2334	-0.1591	0.1572	0.4107	0.61	0.2374	0.15	-0.1294	-0.1467
PVX_085125	-0.0638	0.7253	0.8628	0.7565	0.3977	-0.247	-0.6444	-0.6174	-0.5303
PVX_093585	-0.6497	-1.0661	-0.9485	-1.0088	-1.4948	-1.1141	1.4059	1.0094	0.42
PVX_091475	-1.3352	-1.3796	-1.5046	-1.5663	-1.3683	-0.7596	1.0942	1.0352	0.3328
PVX_089795	0.2996	-0.0398	0.2676	0.4077	0.6776	0.3132	0.4353	1.0237	0.6679
PVX_002565	-0.3137	-0.1243	0.0554	0.0839	-0.0761	-0.7331	-0.2567	0.8223	0.926
PVX_080495	0.6094	0.583	0.4503	0.3207	0.4538	0.246	-0.1114	-0.0797	0.2381
PVX_095140	-1.2514	-0.4039	-0.1143	0.1611	-0.1104	0.4874	0.11	-0.6271	-0.9745
PVX_123865	-0.1416	-0.0316	0.2299	-0.0162	0.5226	0.3963	0.4503	0.2937	0.1528
PVX_120840	-0.2417	-0.2985	-0.5272	-0.706	-0.9617	-1.4638	-1.1936	-1.2944	-1.1134
PVX_098670	-0.813	-0.3955	-0.0907	-0.0691	0.086	0.3979	0.1182	-0.2702	-0.4542
PVX_087755	-1.0209	-1.2498	-1.2817	-0.8097	-0.577	-0.04	0.9269	0.4179	-0.3352
PVX_117690	-0.4717	-0.0537	0.0333	0.1931	0.3297	0.4586	0.0539	-0.3907	-0.3309
PVX_099605	-0.4596	-0.0824	-0.2567	-0.1194	0.0539	0.127	0.229	0.0175	-0.1559
PVX_117730	0.5046	0.0274	0.1473	0.1867	0.3505	0.3158	1.0154	1.0551	0.8965
PVX_092720	0.0535	0.0899	-0.0595	0.0945	0.2868	0.5151	0.5698	0.2677	0.2524
PVX_010605	-0.967	-1.437	-0.5999	-0.5134	-0.4676	-0.4249	-0.7939	-0.658	-0.6353
PVX_087760	-0.4683	-0.464	-0.6075	-0.678	-0.7648	-0.1379	0.1579	-0.1982	0.0161
PVX_114950	-1.3293	-1.2055	-1.3224	0.1575	1.0381	0.3874	0.5434	-0.0781	-0.2428
PVX_084960	-0.4573	-0.4617	-0.5668	-0.4046	-0.1793	0.8299	0.9109	0.6713	0.4908
PVX_114090	0.1623	-0.1671	-0.1816	0.1494	0.3928	0.8011	0.3896	0.4288	0.3389
PVX_123315	0.0921	0.4255	0.4589	0.4659	0.0846	-0.3909	-0.3114	-0.056	0.2003
PVX_118605	0.0204	0.1453	0.2971	0.3014	0.0961	0.0269	-0.0908	-0.386	-0.5314
PVX_098975	0.2913	0.8828	0.7857	0.6706	0.1251	0.0791	-0.2946	-0.0947	0.1925
PVX_111015	-0.3058	-0.9071	-1.4312	-1.8144	-1.2811	-0.5952	-0.0754	1.5123	1.174
PVX_106210	0.2048	0.0173	0.0303	-0.1656	-0.1429	0.0421	-0.0672	-0.321	-0.0937
PVX_091725	-0.4945	-0.6813	0.0562	0.6352	0.6801	0.6485	-0.1433	-0.2873	-0.223
PVX_082510	0.3334	0.0891	0.1723	0.3121	0.2901	0.399	0.3309	0.386	0.0699
PVX_114915	0.0322	0.1339	0.2409	0.3215	0.527	0.4276	0.1731	-0.1287	0.0262
PVX_051690	0.4404	0.6194	0.5905	-0.0413	0.519	0.55	0.4005	0.1429	0.2373
PVX_100890	0.5647	0.3638	0.1295	-0.0811	-0.1371	-0.0632	-0.0221	-0.11	0.4437
PVX_112670	0.6021	0.1211	-0.2509	-0.7445	-1.2256	-1.846	-1.6518	0.0507	0.4652
PVX_085975	0.714	0.2448	0.1716	0.1388	0.2547	-0.4471	-1.2657	-0.2059	-0.019
PVX_089355	0.6913	0.4074	0.2626	0.012	0.1352	-0.0665	-0.4167	-0.2897	-0.0007
PVX_107745	0.718	0.9051	0.675	0.2538	-0.323	-0.7591	-0.5342	-0.366	-0.29
PVX_083590	1.1899	0.9542	0.5975	0.1778	-0.3595	-0.0877	0.6957	0.6042	0.7963
PVX_119585	0.0961	0.6321	0.5837	0.8156	0.7451	0.5595	-0.3079	-0.6995	-0.7751
PVX_118185	0.8119	0.3441	0.1808	-0.1212	-0.4222	-0.3546	0.4106	0.7983	1.3353
PVX_091995	0.2489	-0.0758	0.0325	0.2829	0.268	0.2588	0.5683	0.7388	0.2462
PVX_117710	0.2702	0.2683	-0.0652	-0.339	-0.6544	-0.7483	0.2832	0.9513	1.33
PVX_091040	0.16	-0.0418	0.0825	0.3833	0.5239	0.4497	0.0725	-0.464	-0.5594
PVX_092405	-0.4192	0.2706	0.4459	0.4891	0.4298	-0.1168	-0.5286	-0.7026	-0.6336
PVX_099960	0.4542	0.0878	-0.0186	-0.0165	-0.0546	-0.4405	-0.2606	0.0085	0.616
PVX_101475	-1.3509	-0.4832	-0.1511	0.1632	0.4596	0.0949	0.4249	-0.1671	-0.7564
PVX_003865	0.6137	0.6284	0.86	0.5974	0.4392	0.0944	0.037	-0.3289	0.1845
PVX_091240	-0.501	-0.6525	-0.8872	-0.0784	0.5452	0.1409	-0.0954	-0.3593	-0.32
PVX_092430	-0.5149	0.1342	0.4295	0.5094	0.4438	-0.5028	-0.9218	-1.1304	-0.7981
PVX_087035	-0.3329	-0.005	0.0901	0.1885	0.2959	0	-0.361	-0.554	-0.7755
PVX_091780	0.062	-0.081	-0.1989	-0.2951	-0.0809	0.0977	0.179	-0.0498	-0.3305
PVX_113250	0.4733	0.0932	-0.0948	-0.4854	-0.5001	-0.6394	-0.3941	0.0473	0.2679
PVX_083550	1.2444	0.3031	-0.1576	-0.9947	-1.6749	-1.6702	-1.228	0.4243	0.54
PVX_089945	0.4269	0.2455	-0.0925	-0.1589	-0.0163	-0.0016	0.3503	0.6042	0.636
PVX_003700	-0.3458	0.1992	0.2148	0.2272	0.1113	-0.0323	-0.1738	-0.5382	-0.6765
PVX_097700	-1.2031	-1.4007	-1.5511	-1.7687	-1.8382	-1.1173	0.8828	0.5871	-0.362

PVX_122350	0.0142	0.204	0.5638	0.8867	0.3993	-0.1106	-0.2578	-0.2021	-0.2313
PVX_020675	0.647	0.366	0.0261	-0.3024	-0.4408	-0.4463	-0.3549	-0.3518	-0.1025
PVX_100005	-1.3989	-0.8336	-0.5004	-0.2104	0.2312	0.4133	0.5765	-0.2161	-0.4153
PVX_118535	0.0515	0.4991	0.6583	0.6105	0.2464	0.2548	-0.5738	-0.6676	-0.4337
PVX_003680	0.3603	-0.3608	-0.4352	-0.6346	-0.725	-0.8343	-0.2718	0.3765	0.8672
PVX_117795	0.006	0.3761	0.7933	1.0266	0.5199	-0.0677	-1.2363	-1.3604	-1.3382
PVX_117420	0.2697	0.3854	0.481	0.3199	0.1826	0.075	-0.5546	-1.3784	-1.2988
PVX_084210	-0.6242	-0.0471	0.2988	0.309	0.3705	0.1281	0.2787	-0.3976	-0.5182
PVX_113310	-0.2601	-0.0123	0.0908	0.0811	0.4724	0.6656	0.0935	-0.1382	-0.1631
PVX_087910	0.0588	-0.1062	-0.0852	-0.1041	-0.1227	-0.1815	0.0907	0.0141	-0.3409
PVX_123915	-0.2135	-0.0396	0.269	0.4572	0.6896	0.3113	0.1672	-0.2748	-0.1104
PVX_092025	-0.7897	-0.271	-0.0617	0.1538	0.4623	0.4865	-0.059	-0.547	-0.6823
PVX_001090	0.5773	0.5405	0.373	0.0849	0.2368	0.0446	-0.0147	0.0368	0.0613
PVX_098870	0.4683	0.4642	0.814	0.7129	0.8198	-0.0197	-0.3498	-0.3316	-0.0872
PVX_098010	-0.4208	-0.4649	-0.3979	-0.4162	-0.5311	-0.3392	0.9106	1.008	0.3423
PVX_098900	0.9815	0.235	0.1477	0.2017	0.291	0.8199	0.9707	1.1393	1.0154
PVX_089020	0.2195	0.0144	0.0687	0.056	0.1245	0.6361	0.6508	0.3937	0.2315
PVX_093590	0.7438	0.4286	0.5173	0.4069	0.0797	-0.2129	-0.5213	-0.3474	0.155
PVX_090845	0.1207	0.4082	0.4962	0.3588	0.1411	0.0533	-0.6715	-1.0845	-0.9252
PVX_122225	-0.8793	-0.8776	-0.6781	-0.4295	-0.1221	0.1735	1.0964	0.7219	0.4558
PVX_096010	0.6849	0.7414	0.6252	0.3753	0.0744	-0.0642	-0.3607	-0.5415	-0.5292
PVX_115305	0.0289	0.1124	0.4519	0.7008	0.5829	0.5293	0.2969	-0.4857	-0.5122
PVX_094965	-0.6872	-0.7458	-0.9545	-1.2797	-1.3466	-1.2161	1.065	1.1833	0.36
PVX_099475	-0.1327	-0.3635	0.1903	0.7584	1.1003	0.4251	-0.0012	0.1141	0.3151
PVX_085265	-0.4403	-0.2342	-0.1793	0.1592	0.4361	0.8529	0.2448	-0.1711	-0.1566
PVX_091870	0.2482	0.1363	0.2342	0.3115	0.3297	0.8539	0.7643	0.2908	0.3718
PVX_001655	-1.9655	-1.9261	-2.2286	-2.4929	-2.4676	-1.9057	-1.1217	1.0304	1.4196
PVX_118440	-0.2635	0.3851	0.5482	0.4033	0.3931	0.4923	0.3149	-0.0861	-0.2877
PVX_117870	-0.2289	-0.0252	0.514	0.5511	0.372	0.1857	-0.0918	0.1786	-0.0011
PVX_089345	0.3556	0.2226	-0.0317	-0.3142	-0.3406	0.1024	0.2539	0.1215	0.0353
PVX_116995	0.3694	-0.1586	-0.4569	-0.5927	-0.4386	1.0763	1.1297	0.3757	0.2595
PVX_083080	-0.9678	-0.4747	-0.828	-1.1609	-1.1408	-0.1491	1.1265	1.0898	0.1452
PVX_113460	-0.0475	-0.5806	-0.8038	-0.4775	0.449	0.7751	0.4921	0.628	0.4877
PVX_089915	-1.6251	-1.2072	-1.0129	-0.7924	-0.3913	1.1939	1.1138	0.206	-0.9383
PVX_003930	0.4245	0.5214	0.4334	0.3452	0.3198	0.1787	0.1307	0.5756	0.7611
PVX_113440	0.1637	-0.3758	-0.505	-0.3361	-0.0501	0.5653	0.5085	0.4451	0.277
PVX_003530	-2.4309	-2.4177	-2.6737	-2.8521	-2.6408	-2.7767	-2.0531	1.1054	1.4413
PVX_119320	0.3545	0.0418	-0.2206	-0.6398	-0.51	-0.5574	-0.2805	0.3583	1.093
PVX_085025	0.3312	0.5047	0.5549	0.6848	0.6287	0.013	-0.4361	-0.6797	-0.7169
PVX_099320	-0.4025	-0.9368	-1.2003	-1.7817	-1.4568	-0.2175	1.0223	0.9423	0.6532
PVX_084280	-0.1901	-0.206	-0.0995	-0.0589	0.2008	0.3002	0.2006	-0.0159	-0.0575
PVX_123015	0.4499	0.5913	0.6602	0.6533	0.523	0.776	0.7835	0.1701	-0.1549
PVX_104185	-0.6922	-0.7857	-0.8226	-0.6201	-0.57	0.5056	0.6518	1.1774	0.3575
PVX_085095	-0.3362	-0.1004	0.14	-0.0141	-0.0542	0.5014	0.7526	0.3877	0.1306
PVX_099460	0.3688	0.644	0.6753	0.6725	0.5229	0.178	-0.417	-0.4992	-0.5511
PVX_079910	-0.3264	-0.413	-0.1423	0.2033	0.3298	0.0841	-0.0289	-0.2966	-0.2117
PVX_003915	0.2554	0.6409	0.6047	0.749	0.4679	-0.1955	-0.2891	-0.2516	-0.1628
PVX_117130	0.7827	0.9411	0.7512	0.5467	0.0734	-0.5071	-1.2988	-1.022	-0.5841
PVX_091660	0.8042	0.0871	-0.2452	-0.6074	-0.6523	-0.4798	0.0942	0.759	1.2576
PVX_093635	-0.3744	-0.8411	-0.6875	-0.2938	0.2344	0.4046	0.8909	0.6435	0.041
PVX_088130	-0.9695	-0.7168	-0.8812	-0.9239	-0.8751	0.1959	0.6932	0.2253	-0.7278
PVX_114160	0.1101	0.4565	0.2588	0.0925	0.4191	0.9847	0.7584	0.5332	0.1267
PVX_000870	0.0693	0.6611	0.7503	0.6854	0.2261	-0.4317	-0.5865	-0.196	0.5821
PVX_089815	-1.2915	-1.4924	-1.4913	-1.6204	-1.6157	-1.4785	-1.1553	1.4994	1.8541
PVX_085065	0.1394	0.4467	0.5533	0.5895	0.4245	-0.0548	0.5438	0.3958	0.0148
PVX_099975	0.6776	0.117	-0.0276	-0.1755	-0.0948	-0.066	0.1216	0.5625	0.604
PVX_094700	-0.3113	-0.3316	-0.3931	-0.3423	-0.6168	-0.4818	1.0981	1.205	0.4808
PVX_076695	0.4598	0.642	0.5405	0.5403	0.7377	0.5092	0.1807	0.1379	0.2199
PVX_086080	0.7041	0.4571	0.0358	-0.5911	-0.9715	-1.127	-0.4085	0.5885	1.5415
PVX_088245	0.2776	0.2768	0.2856	0.1514	-0.028	-0.0235	-0.14	0.4361	0.6153
PVX_095440	-0.553	-0.6393	-0.701	-0.1328	0.3818	0.2052	0.3235	0.6656	0.183
PVX_117780	-0.0697	-0.0718	-0.2331	-0.4205	-0.4809	-0.3332	0.0488	0.141	0.044
PVX_089235	-0.5561	0.0683	0.0131	0.0605	-0.0456	0.1118	0.5223	-0.2714	-0.883

PVX_003550	0.3146	0.4047	-0.1917	-0.6069	-0.8826	-0.6156	-0.7639	0.6168	0.8326
PVX_114845	-0.0567	-0.6725	-0.711	-0.1494	0.4375	0.3006	0.7163	0.3888	0.4485
PVX_123290	-0.222	-0.2629	-0.0804	0.189	0.301	0.1755	0.1736	0.4327	0.5138
PVX_121965	-0.1573	0.047	0.2236	0.2926	0.5044	0.4059	0.1194	0.1151	0.4671
PVX_118430	0.0888	0.4496	0.4285	0.4116	0.3152	0.17	-0.0914	-0.2862	-0.6374
PVX_081615	0.081	0.1896	0.373	0.4785	0.622	0.2914	0.2951	-0.1073	-0.1347
PVX_092630	-0.1679	-0.2169	0.0227	-0.0247	0.0071	0.1784	0.0973	0.0382	-0.1687
PVX_091810	0.9688	0.7458	0.6442	0.5154	0.0272	-0.4947	-0.9747	-0.9045	-0.7074
PVX_087940	0.4926	-0.4975	-0.4651	-0.4088	-0.492	-0.385	0.2219	0.7274	0.8406
PVX_118295	-0.1101	0.2552	0.4447	0.4668	0.3341	-0.0753	-0.9274	-1.0919	-0.9024
PVX_123510	0.1429	0.6177	0.5548	0.4365	0.1441	-0.1581	-0.3543	-0.753	-0.3504
PVX_110925	0.3257	0.3918	0.2945	0.1435	-0.0104	0.2138	-0.3936	-0.9307	-0.9639
PVX_085395	-0.1974	0.33	0.2794	0.1712	0.2399	-0.1746	-0.266	-0.2219	-0.1189
PVX_083210	0.3532	0.6619	0.6407	0.8841	0.6916	-0.0576	-0.0949	-0.1006	-0.0538
PVX_091910	-0.9811	-1.1005	-1.2681	-1.5911	-1.6174	-1.1231	0.0473	1.2916	1.2384
PVX_101050	0.0655	-0.083	-0.1018	0.0172	0.1888	0.6859	0.3697	0.0519	-0.2661
PVX_097890	0.4774	0.5657	0.384	0.1851	0.2453	0.3177	0.5268	0.5982	0.7206
PVX_086925	-1.4323	-1.3814	-1.6657	-1.9268	-1.3952	0.8525	1.1149	0.9897	0.2442
PVX_091750	-0.1203	-0.557	-0.7832	-0.4367	-0.0391	0.6017	0.696	0.1781	0.2989
PVX_090220	0.2177	0.1423	0.0197	0.0244	0.033	0.0203	0.1572	-0.0699	-0.5868
PVX_111595	-0.2383	0.0046	0.2199	0.0988	0.3695	0.2459	0.0446	0.0377	0.0915
PVX_122550	-1.204	0.4118	0.8911	1.0441	0.445	-0.4105	-0.5694	-0.7632	-0.9338
PVX_083250	0.255	-0.0823	-0.1848	-0.2166	-0.1755	0.0133	-0.1149	0.0094	0.2851
PVX_094420	0.5343	0.1907	0.203	0.0375	-0.0818	-0.277	0.3241	-0.1837	-0.4619
PVX_094665	0.6098	0.5152	0.6156	0.2245	-0.106	0.5069	-0.2022	-0.1454	0.1772
PVX_118375	0.382	0.7408	0.8105	0.7111	0.6819	0.3497	-0.3232	-0.6028	-0.4869
PVX_092300	0.0106	0.1701	0.0038	-0.1217	-0.1448	0.1541	0.264	-0.0659	0.5331
PVX_087805	-0.3488	-1.4316	-1.817	-2.2275	-0.915	0.9166	0.8902	0.2383	0.3181
PVX_119375	0.289	0.2613	0.529	0.6636	0.8322	0.5473	0.3634	0.0047	0.0887
PVX_025690	-1.4646	-1.2387	-0.9823	-0.9588	-0.6172	-0.3558	-0.427	-0.2047	-0.5809
PVX_113890	0.2473	0.1006	-0.2215	-0.2046	-0.2562	-0.077	0.1755	0.6804	0.4916
PVX_086285	0.1471	-0.4384	-0.2503	0.1722	0.5535	0.4818	-0.2294	-0.3572	-0.1663
PVX_085920	0.2816	0.352	0.3619	0.3915	0.3167	0.0279	-0.1038	-0.5712	-0.6943
PVX_085480	-0.3491	-0.3592	-0.3872	-0.0344	-0.3495	-0.575	-0.8353	-1.1044	-0.6579
PVX_122620	0.7631	0.2241	0.2669	0.4533	0.4128	-0.0181	-0.6339	-1.2221	-1.2117
PVX_084615	-0.0812	-0.8137	-1.1407	-0.6811	0.2668	0.6729	0.2149	0.1596	0.5753
PVX_114115	0.0222	0.084	0.1009	0.1778	0.2367	0.1025	-0.0007	-0.17	-0.1015
PVX_113435	0.3647	-0.2147	-0.2317	-0.2709	-0.1225	0.1324	0.3932	0.551	0.6114
PVX_083280	0.8907	0.5276	0.1616	-0.0317	-0.4133	-0.8099	-0.5765	0.3791	0.3792
PVX_091190	0.743	0.0865	-0.0479	-0.1598	-0.269	-0.2489	-0.0659	0.6629	0.9425
PVX_122520	0.2386	0.1734	0.3929	0.1681	0.1864	-0.2257	-0.4198	-0.1401	0.0168
PVX_083470	0.7253	0.3735	0.1227	-0.1452	-0.0028	0.1027	0.1316	0.7105	1.172
PVX_065190	-0.3125	-0.4201	-0.3937	-0.5252	-0.6957	-0.7112	-0.6364	-0.6258	-0.4545
PVX_091880	-0.1063	-0.0571	-0.4173	-0.5503	-0.5292	-0.2622	-0.5093	-0.3414	0.2899
PVX_085835	-0.6064	-0.6429	-0.148	0.2138	0.2765	0.4267	0.1408	-0.2138	-0.1624
PVX_114335	-0.3223	-0.208	0.0418	0.2805	0.1139	-0.1543	0.3018	0.1329	0.192
PVX_095080	0.4605	0.4622	0.5907	0.4795	0.3357	-0.0461	-0.9459	-1.6648	-1.531
PVX_081525	-0.0511	0.0639	0.1562	-0.0621	0.229	-0.2647	-0.193	-0.0161	-0.0493
PVX_102130	-1.07	-0.8134	-0.9222	-0.8945	-1.1129	-1.4464	-1.6085	-1.3273	-0.9233
PVX_073190	2.1622	1.9353	1.5736	1.5053	1.1003	1.0135	0.2772	-0.1277	0.3533
PVX_118540	-0.2398	-0.3647	-0.1082	-0.0796	0.1816	-0.1568	-0.193	-0.3521	-0.4377
PVX_003585	-0.0181	-0.1945	-0.1523	-0.1787	-0.258	-0.5151	-0.2288	0.7277	1.166
PVX_113845	0.4878	0.4517	0.309	0.2493	-0.0158	-0.2751	0.0034	0.105	0.0028
PVX_001775	-0.5774	-0.7083	-0.5291	-0.6126	-0.4407	0.0079	0.7594	0.4593	0.1011
PVX_086310	-0.1072	-0.2201	-0.1533	-0.0864	-0.322	0.5255	0.4105	0.1268	-0.0057
PVX_101040	-0.7294	0.2404	0.3971	0.3854	0.3102	0.2773	-0.3582	-1.139	-1.1866
PVX_118300	-0.241	-0.2352	-0.3349	-0.3292	-0.3171	-0.1099	-0.2783	-0.6687	-0.8043
PVX_086040	0.2208	-0.242	-0.3456	-0.4127	-0.2219	0.5738	0.3091	-0.105	-0.2907
PVX_122960	-0.3629	0.1657	0.2865	0.4057	0.6922	0.4867	-0.5836	-0.5228	-0.0105
PVX_087905	-0.3158	0.052	0.2874	0.33	0.2103	0.4094	-0.3327	-0.6912	-0.679
PVX_003580	-0.9767	-1.1399	-1.3938	-1.1159	0.1558	0.9619	0.6083	0.1633	-0.0702
PVX_079920	-0.2392	0.1189	0.2823	0.3374	0.457	0.0109	-0.0524	-0.2312	-0.2894
PVX_098615	0.2849	0.289	0.4779	0.5468	0.177	0.6131	0.2373	-0.1141	-0.3094

PVX_117925	-0.3043	-0.1373	0.0705	0.1762	0.3373	0.4153	0.1315	-0.5945	-1.0584
PVX_122150	0.3468	0.2192	0.4703	0.725	0.4189	0.3834	0.4473	0.6876	0.5832
PVX_099315	-0.3516	-0.1054	0.015	-0.0239	0.277	0.9751	0.6985	-0.4023	-1.0196
PVX_085180	-0.3524	-0.4676	-0.6068	-0.6876	-0.9861	-0.7476	-0.7864	0.0507	-0.3407
PVX_082450	-0.1203	-0.0347	0.1456	0.7592	0.7485	0.8249	0.276	0.0843	-0.2188
PVX_092675	-1.2918	-0.714	-0.2546	0.1225	0.6237	0.6244	0.2599	-0.6071	-0.6868
PVX_085150	-0.3834	0.6108	0.7512	0.667	0.316	-0.3558	-0.1618	0.2884	-0.1697
PVX_100675	-0.7618	0.2148	0.3567	0.4153	0.5954	-0.0716	-1.0448	-1.2854	-1.3149
PVX_002790	-1.9101	-1.9744	-2.1349	-2.414	-2.2197	-1.8842	1.7003	1.6905	0.3444
PVX_121915	-1.8263	-2.1982	-2.4586	-2.7606	-2.703	-2.7334	-2.1248	1.3451	1.7019
PVX_081355	-1.7244	-1.6015	-1.5594	-1.8633	-2.146	-1.8047	-1.385	0.7041	0.9737
PVX_001070	0.0755	0.1879	0.0325	0.1648	0.2494	0.6371	0.7456	0.6109	0.598
PVX_099240	-0.7118	0.2722	0.7421	0.9377	0.2707	-0.7241	-1.0102	-0.673	-0.6437
PVX_101480	0.2636	0.013	-0.0911	-0.1123	-0.0025	-0.0296	0.0353	-0.4105	-0.4646
PVX_080595	-0.7756	-0.3885	0.2353	0.4293	0.2413	-0.0153	-0.6597	-0.6807	-0.7125
PVX_098765	-0.1965	-0.2151	-0.4505	-0.9633	-0.4659	-0.4956	-0.3043	-0.121	-0.1181
PVX_095005	0.6515	0.5905	0.2431	0.1741	-0.4192	-1.3347	-1.4767	-0.1432	0.3744
PVX_088825	-0.5034	-0.5433	-0.5113	-0.5999	-0.6286	-0.4631	0.2698	1.0305	0.741
PVX_084485	-0.8067	-1.1029	-1.0748	-0.961	-0.8803	0.3589	0.6517	0.1626	-0.0617
PVX_093505	0.6979	0.5753	0.4065	-0.0667	-0.2781	-0.3633	-0.1912	0.6006	1.3158
PVX_082875	0.5464	0.1153	-0.0319	-0.3711	-0.776	-0.5293	-0.2936	0.3721	0.987
PVX_094845	0.4477	0.7644	0.5923	0.6413	-0.0149	-0.4505	-0.1846	-0.1856	0.4237
PVX_122050	-0.7359	-0.8437	-0.6786	-0.4277	0.1113	1.1084	0.7943	-0.1756	-0.2388
PVX_122495	-0.1968	-0.216	-0.3043	-0.0122	0.2904	0.6177	1.0453	0.4232	0.4281
PVX_089525	-0.3868	-0.6715	-0.7934	-0.7974	-0.2643	0.2602	0.3702	0.183	-0.0613
PVX_118255	0.3744	0.2873	0.141	0.1055	-0.3847	-0.6575	-0.1514	0.2271	0.3572
PVX_116725	0.6369	0.3991	0.0198	-0.7491	-0.9362	-0.81	-0.5215	0.3693	1.1477
PVX_002665	-0.0013	-0.3312	-0.4566	-0.4311	-0.425	-0.4728	-0.2316	0.7365	0.6844
PVX_092990	1.4077	0.531	0.328	-0.1875	-0.9337	-1.7343	-1.9227	-1.5142	-0.5609
PVX_085840	-0.399	0.0824	0.2839	0.422	0.8367	0.2832	-0.484	-0.9235	-1.2049
PVX_094385	-0.0523	0.1833	0.3288	0.3717	0.3851	-0.2836	-0.1533	0.0881	0.327
PVX_097735	0.0894	0.4175	0.4092	0.2079	0.225	0.0198	-0.5889	-1.1163	-0.9617
PVX_116660	0.5323	0.511	0.6241	0.33	0.3647	0.0785	0.0382	0.1174	-0.0308
PVX_093695	1.0519	0.9681	0.4733	0.0074	-0.4836	-0.1341	-0.1141	-0.6367	-0.4736
PVX_115025	1.0001	0.515	0.0309	-0.4728	-0.9377	-0.4741	-0.3818	0.7851	1.5717
PVX_092330	-0.8264	-0.8055	-0.156	0.3508	0.6295	0.2982	0.0038	-0.076	-0.1286
PVX_003650	1.0494	0.3655	0.0046	-0.2866	-0.5158	-0.3307	0.5532	0.9973	1.2143
PVX_089550	-0.6909	-0.4534	-0.545	-0.3378	-0.225	-0.3271	-0.1683	-0.4453	-1.1116
PVX_084180	1.3386	0.8585	0.7402	0.4346	0.105	-0.1573	-0.8107	-0.6184	-0.3265
PVX_123705	0.3982	0.1828	-0.0386	-0.7099	-0.992	-1.0583	-0.768	0.1248	1.1754
PVX_084245	0.2358	0.117	0.1245	0.2693	0.0463	0.111	-0.1306	0.0359	0.2866
PVX_114990	0.1833	-0.1749	-0.216	-0.3717	-0.4255	-0.2639	0.3925	1.0112	0.949
PVX_114080	-0.0625	0.4051	0.4286	0.2465	0.0234	-0.3122	-0.3844	-0.1771	0.1877
PVX_100585	-0.6315	0.0844	-0.0671	-0.2442	-0.4534	0.1684	1.2461	0.2648	-0.2738
PVX_079830	0.3147	0.1212	-0.4025	-0.5987	-0.6926	-0.5493	0.8454	1.1052	1.125
PVX_094970	-0.3369	-0.3784	-0.083	0.4475	0.4991	0.2329	-0.0132	0.062	-0.1976
PVX_117960	-0.4057	-0.3873	-0.3705	-0.3308	-0.2662	0.1042	0.3695	-0.2291	-0.5569
PVX_091295	0.2776	-0.417	-0.8042	-1.104	-0.7862	-0.6533	0.6393	0.6689	0.7207
PVX_098065	-0.8646	-0.8777	-0.9524	-0.7789	0.0244	0.655	0.8366	0.3269	-0.1188
PVX_085705	-0.4072	0.8929	1.2624	1.1234	0.3871	-0.5479	-0.5007	-0.5562	-0.2807
PVX_079980	-0.439	-0.6402	-0.8733	-0.9102	-0.3387	-0.7897	-0.743	0.4421	0.7731
PVX_085555	-0.2805	0.0345	0.2446	0.2189	0.078	-0.1801	0.5302	0.3275	0.1393
PVX_084320	-0.2791	-0.7406	-0.7637	-0.5909	-0.1441	0.4579	0.1224	-0.0565	-0.0558
PVX_083460	0.0036	0.1238	0.0764	-0.0867	-0.5058	-1.5354	-0.6543	0.6161	0.6717
PVX_118405	-0.0368	0.1409	0.3163	0.5803	0.6484	-0.3128	-0.4629	-0.0724	0.2196
PVX_000595	0.2613	0.2879	0.328	0.593	0.441	-0.0478	-0.2742	-0.1075	0.0296
PVX_094325	-0.6006	0.0229	0.1872	0.1379	-0.0462	0.0154	-0.5613	-0.5659	-0.6679
PVX_092530	0.4762	0.1556	0.3212	0.6968	0.5199	0.3908	0.351	0.5716	0.5803
PVX_115295	0.2396	0.6222	0.4456	0.4449	0.0342	-0.6874	-0.6714	-0.3271	0.0997
PVX_085200	-0.954	-0.5906	0.2076	0.761	0.9028	1.2624	0.4731	-0.3788	-0.6052
PVX_089150	-0.305	-1.0949	-1.107	-0.0205	0.9137	0.1377	-0.0935	-0.0811	0.1508
PVX_084800	0.3645	0.7314	0.7281	0.5173	0.3551	-0.4015	-0.4779	-0.2839	-0.157
PVX_081545	-0.2298	-0.2529	-0.1692	-0.1141	-0.0881	-0.0322	0.4487	0.5099	-0.0376

PVX_088155	-0.0506	-0.2152	-0.0106	0.1407	-0.0091	-0.0796	1.2915	1.0962	0.6503
PVX_098775	-0.5733	-0.072	0.0479	0.3226	0.2074	-0.2577	-1.0733	0.0343	0.1942
PVX_100835	-0.1972	-0.1215	-0.2825	-0.4097	-0.0186	-0.0629	-0.717	-1.1172	-0.9674
PVX_123215	-0.2462	-0.2481	-0.2081	-0.3176	0.3273	0.5274	0.6246	0.3243	0.3259
PVX_003535	0.6338	0.4238	-0.0439	-0.5391	-0.4671	-0.3052	-0.8378	0.4499	0.5712
PVX_104190	-0.5242	0.2273	0.4696	0.3192	0.2091	-0.2723	-0.5374	-0.8333	-0.7247
PVX_085475	0.0201	0.0048	-0.0023	-0.2264	-0.1985	-0.1314	-0.0467	0.0794	0.5119
PVX_091400	0.2217	0.0053	-0.2568	-0.883	-1.0589	-0.7812	0.5231	0.9545	1.0662
PVX_099095	-0.2458	-0.0692	-0.0019	0.1829	0.18	0.6609	0.3342	-0.5535	-0.8214
PVX_114455	0.336	-0.5737	-0.4554	0.1123	0.1705	-0.0502	-0.1348	0.4109	0.4884
PVX_013120	0.2244	0.7441	0.2321	0.0734	-0.0801	-0.4284	-0.2786	-0.0853	-0.2082
PVX_099385	-0.6713	0.0816	0.2775	0.211	0.3086	0.2141	0.0335	-0.5213	-0.5814
PVX_097865	0.2627	0.5128	0.4912	0.4471	0.5641	0.3785	-0.0597	0.1679	0.0454
PVX_097925	0.3624	0.0905	0.4114	0.3605	0.252	0.7596	0.5071	0.1235	0.0266
PVX_084645	0.22	0.402	0.5887	0.4272	0.2883	0.2553	-0.1758	-0.3976	-0.3963
PVX_122440	-0.4572	-0.7776	-0.758	-0.4892	-0.2095	0.2662	1.2456	0.7993	-0.0577
PVX_081470	-0.8305	-1.1414	-0.9487	-0.6431	-0.1465	0.8655	0.8691	0.2009	-0.4849
PVX_123950	0.1186	0.1711	0.2674	0.2992	0.582	0.758	0.4648	0.2057	0.0064
PVX_113360	0.722	0.0305	-0.3204	-0.6832	-0.6959	-0.6377	-0.0467	0.4847	0.7044
PVX_091545	-0.2051	0.3828	0.5781	0.7831	0.4435	0.0763	-0.243	-0.399	-0.5378
PVX_098805	0.6458	0.2358	-0.0012	-0.0508	-0.0285	-0.1547	-0.2185	-0.2436	-0.1497
PVX_088095	0.7186	-0.1959	-0.3119	-0.0048	0.3398	-0.2561	-0.467	-0.0154	0.503
PVX_085845	0.6063	-0.3176	-0.6789	-0.8922	-0.5928	-0.2857	0.5884	0.942	1.3005
PVX_122605	-0.0744	0.4091	0.2966	0.0943	0.0097	0.0754	0.0015	-0.4686	-0.9216
PVX_080430	-0.2878	-0.0551	-0.2062	-0.3454	-0.0465	0.404	0.6027	0.4905	0.1146
PVX_074695	0.8036	0.7299	-0.1818	-0.0373	0.1244	0.4317	0.2945	0.3533	0.4177
PVX_092840	-0.7166	-1.1112	-0.5428	0.1313	0.5664	0.3838	-0.1956	-0.7908	-0.7576
PVX_083365	-1.2971	-0.026	0.3308	0.685	0.454	0.2572	-0.2186	-0.784	-1.2081
PVX_002625	0.263	-0.4246	-0.1068	0.2399	0.6097	0.2839	-0.1857	0.0606	0.3951
PVX_124195	0.1525	0.3767	0.3467	0.2804	-0.0223	0.154	0.4917	0.1947	0.0463
PVX_091815	0.501	0.5965	0.2248	0.1692	-0.1374	0.694	0.7197	0.3165	-0.0775
PVX_083380	0.3832	0.2503	0.025	-0.1065	-0.4107	0.0067	0.4072	0.0689	0.2173
PVX_113235	0.9202	0.6676	0.3716	0.1659	-0.0687	-0.1834	-0.2277	-0.4182	-0.3814
PVX_080245	0.5926	0.2441	0.5621	0.5025	0.3719	0.0931	-0.5456	-0.9886	-1.0652
PVX_000640	-0.42	-0.624	0.0492	0.5141	0.649	0.2346	-0.2878	-0.4736	-0.4761
PVX_084675	-1.1495	-0.1197	0.4691	0.489	0.6196	0.2693	-0.1952	-0.0557	-0.065
PVX_121870	1.4941	1.1098	0.4995	0.2078	0.0998	0.5514	0.2242	0.1357	0.3801
PVX_094895	0.4884	0.4206	0.1458	0.0413	0.1167	0.0375	-0.0327	-0.1425	0.0586
PVX_115435	0.6208	0.7184	0.6904	0.7054	0.4898	0.2823	-0.0754	-0.2911	0.2031
PVX_113950	-0.3218	-0.0689	0.0127	-0.0374	-0.3507	0.2835	0.4994	0.1369	-0.1045
PVX_096075	0.5505	0.5449	0.7034	0.5143	0.2372	-0.6381	-0.8044	-0.602	-0.404
PVX_092815	0.9485	0.0839	-0.3912	-0.5877	-0.5916	-0.4942	0.2766	0.9684	1.1171
PVX_095295	-0.4686	-0.3475	-0.0484	0.4325	0.7736	0.4624	-0.1133	-0.5858	-0.7004
PVX_099235	-0.0644	0.2296	0.3206	0.3881	0.3781	0.3592	0.0698	-0.0254	-0.095
PVX_000855	-0.3257	-0.5657	-0.5618	-0.9626	-0.7069	0.1313	0.7719	0.6138	0.0081
PVX_084765	-0.0264	0.4241	0.2856	0.1551	0.0934	0.2709	-0.3558	-0.7187	-0.6676
PVX_094730	0.4726	0.6067	0.9191	0.9295	0.7048	-0.1537	-0.4937	-0.6007	-0.4208
PVX_079750	-0.6657	-0.7621	-0.8712	-0.5743	-0.1998	0.2837	0.9574	0.9138	0.5572
PVX_089145	-0.2134	0.0936	0.2073	0.3661	0.2322	-0.2128	-0.4288	-0.3512	-0.4644
PVX_084750	-0.5273	-0.4627	-0.4307	-0.3865	-0.4548	-0.6961	0.5645	0.5709	-0.1171
PVX_091935	-0.518	-0.118	0.1972	0.4424	0.4613	0.4563	-0.3793	-0.613	-0.4622
PVX_086035	0.6571	0.3	0.4694	0.4925	0.3855	0.426	0.4978	0.3965	0.4634
PVX_079995	0.2823	-0.0677	-0.1611	-0.1705	0.5327	0.8622	-0.0015	-0.4262	-0.4419
PVX_086170	-0.3873	0.1346	0.2575	0.2706	0.3966	0.0825	0.0139	-0.2453	-0.4212
PVX_085210	1.1141	-0.0544	-0.3695	-0.4362	-0.4024	-0.4773	0.5186	1.172	1.4396
PVX_081475	-0.7204	-0.3284	-0.007	0.0679	0.2247	0.3595	0.3676	-0.2666	-0.4792
PVX_084470	0.4209	0.1514	0.1824	-0.2157	-0.3733	-0.3989	0.1521	0.2433	0.5218
PVX_092835	0.3899	0.426	0.1817	0.2046	0.1428	0.3681	0.8121	0.3833	0.3171
PVX_122890	-0.1657	-0.2057	-0.175	-0.5117	-0.6916	0.1178	-0.0579	-0.0719	0.2321
PVX_090030	0.6391	0.3037	-0.0318	-0.6266	-0.748	-0.9441	-0.4112	0.5029	1.3258
PVX_100975	0.3938	0.0429	-0.0695	-0.2648	-0.2558	-0.1698	0.2761	0.4467	0.2376
PVX_080625	-0.9947	0.2993	0.6916	0.7366	0.4236	0.2733	-0.4783	-0.8906	-1.022
PVX_115465	0.9215	0.6035	0.3434	0.0934	-0.6138	-1.871	-1.607	-0.2489	0.415

PVX_089700	-0.7686	-1.026	-1.0898	-1.1437	-1.4585	-0.7962	0.0813	1.0878	0.6843
PVX_090040	0.3696	-0.5363	-0.9466	-1.2366	-1.4708	-1.1163	-0.2667	0.2994	0.7666
PVX_114760	0.6168	-0.0373	-0.0601	0.2456	0.2148	-0.3737	-0.3774	-0.1859	-0.0406
PVX_099360	0.2683	0.3362	0.493	0.5676	0.5209	0.0496	-0.7202	0.0343	0.296
PVX_117290	-0.4882	0.6932	-1.2335	-1.3758	-1.7684	-0.4739	0.7229	0.6543	0.4787
PVX_123370	0.702	-0.2169	-0.3852	-0.3508	-0.4726	0.3342	0.8419	0.7504	1.0069
PVX_092865	-0.3712	-0.3549	-0.7356	-1.3677	-1.6068	-1.3747	0.9495	1.2518	0.8501
PVX_080610	-0.5968	-0.0108	-0.1371	-0.1502	0.0493	0.2418	-0.0744	-0.5909	-0.7692
PVX_085295	0.1641	-0.1354	0.0984	0.139	0.0809	0.3255	-0.286	-0.3177	-0.415
PVX_089240	0.8165	0.1493	-0.2016	-0.4772	-0.288	-0.0879	0.7015	1.1731	1.2542
PVX_117695	-0.2593	-0.5446	-0.835	-0.2817	-0.4583	-0.556	-0.226	0.6473	0.799
PVX_091580	0.5166	0.0381	-0.4409	-0.869	-0.9269	-0.8533	0.0587	0.778	0.7129
PVX_085880	-0.0505	-0.3522	-0.0537	0.7447	0.9185	0.3649	-0.2851	-0.2479	0.0053
PVX_081730	-0.8721	-1.004	-1.1456	-1.3857	-1.4528	-0.1498	1.0685	1.135	0.5321
PVX_092580	0.0775	0.5405	0.355	0.4513	0.1817	-0.1199	-0.2827	-0.1727	0.2042
PVX_091320	-0.6006	-0.4063	0.3138	0.804	0.7634	0.386	-0.3909	-0.4239	-0.3375
PVX_003545	0.8961	0.6587	0.3991	0.1695	-0.6011	-1.7365	-1.9781	-0.288	0.3279
PVX_114665	-0.8022	-0.4373	-0.1459	0.0623	0.1195	0.2984	-0.3723	-0.4705	-0.4575
PVX_117495	0.4419	0.4229	0.5054	0.566	0.3572	0.4011	0.2024	0.015	-0.0157
PVX_085460	0.1724	0.4413	0.6311	0.4484	0.4568	0.3784	-0.0736	-0.3187	-0.5072
PVX_080305	0.3606	0.1088	-0.1076	-0.5802	-0.9705	-0.8352	-0.4495	0.3749	1.1672
PVX_001940	0.9798	0.8293	0.7175	0.875	0.8202	0.9393	0.3709	0.0512	0.0742
PVX_099415	0.1529	-0.4399	-0.6172	-0.5926	-0.1007	0.4202	0.2762	0.319	0.249
PVX_080400	0.0203	0.2292	0.4416	0.3313	0.0512	0.0078	-0.8211	-1.3647	-1.1463
PVX_048690	0.0544	0.1232	0.1936	0.208	0.2477	-0.1534	-0.4112	-0.9216	-0.6886
PVX_001830	0.9333	0.5576	0.1858	-0.1683	-0.3166	-0.1117	0.2957	0.7232	1.0757
PVX_088190	0.6891	0.7172	0.7395	0.6772	0.3731	0.3217	0.0502	0.1157	0.2139
PVX_080470	0.2917	0.0257	-0.1788	-0.276	-0.4888	-0.4038	0.401	0.5753	0.6895
PVX_114890	-0.1177	0.1595	0.2013	0.3415	0.5122	0.4917	0.2154	0.3389	-0.0579
PVX_112700	1.0771	1.2128	0.8246	0.6314	-0.2343	-0.3961	-0.661	-0.31	-0.0095
PVX_099550	-0.938	-0.3779	0.2437	0.4683	0.5953	0.5786	-0.0949	-0.5694	-0.7459
PVX_101430	-0.4637	-0.0946	0.1122	0.4876	0.3336	0.0748	-0.3945	-0.6603	-0.7219
PVX_099935	0.6526	0.1584	-0.2514	-0.5926	-0.8557	-0.8027	0.4081	0.9875	1.2259
PVX_084415	-0.466	-0.3193	-0.1004	0.0335	0.3885	0.5315	0.2246	-0.3416	-0.387
PVX_081425	0.0052	-0.1336	-0.0907	0.1203	0.5684	0.6767	0.3862	0.2261	0.2956
PVX_121980	0.6512	0.7098	0.9033	0.5303	0.4819	0.1834	-0.775	-1.2217	-1.0637
PVX_113735	-0.2643	-0.2956	-0.5382	-0.5925	-0.1374	0.1603	0.4735	0.0679	0.1389
PVX_100790	0.1811	0.1941	0.2345	0.3089	0.2698	0.1723	0.0971	-0.1021	0.0368
PVX_089570	0.6417	0.3211	0.0305	-0.6732	-0.7615	-1.1602	-0.6061	0.4277	1.2938
PVX_092780	0.6886	-0.1993	-0.8448	-0.8874	-0.017	-0.0967	0.5113	0.6205	0.8708
PVX_113830	-1.7191	-1.7836	-2.0142	-2.1259	-1.9572	-1.8047	0.3814	1.5701	1.2052
PVX_098815	-0.4874	-0.4649	-0.1989	-0.0849	0.2405	0.6601	0.7401	-0.176	-0.7862
PVX_110835	0.2474	0.1377	0.2498	0.2458	0.5231	0.4571	-0.2823	-0.5109	-0.4534
PVX_113750	-0.1762	0.3243	0.3855	0.3836	0.44	-0.1979	-1.2382	-1.8155	-1.7287
PVX_089390	-0.8703	-1.2327	-1.5845	-1.6278	-0.1111	0.7308	0.5289	-0.0372	0.0396
PVX_084995	0.334	0.0224	0.0829	0.1212	0.4741	0.6729	0.2337	0.0793	0.0532
PVX_085320	-0.488	0.151	0.2394	0.2437	0.1881	0.2726	-0.0046	-0.3264	-0.2472
PVX_081700	-0.6305	-0.5666	-0.3888	-0.0628	-0.2011	-0.1828	-0.2814	0.3571	0.2499
PVX_090175	0.439	0.6401	0.5528	0.5839	0.7035	-0.0633	-0.8491	-1.205	-1.0725
PVX_111545	-1.1246	-0.8809	-0.8991	-0.9403	-0.7702	-0.3647	-0.7729	0.2261	0.3679
PVX_092740	0.942	0.9353	0.749	0.9328	0.4877	-0.4012	-1.046	-1.0655	-0.5477
PVX_097810	0.3963	0.4362	0.4426	0.495	0.3664	0.016	-0.2015	-0.3596	-0.3991
PVX_021680	0.4673	0.3293	0.2994	0.0865	0.0343	0.0039	-0.1279	0.1488	0.1414
PVX_113270	0.4416	0.3788	0.361	0.4843	0.3929	-0.102	-0.5872	-0.7549	-0.6357
PVX_089435	0.1364	-0.0314	-0.0035	-0.305	-0.2702	-0.268	-0.9578	0.4654	0.6871
PVX_085915	-1.273	-0.6878	-0.6679	-0.3783	-0.0795	1.1366	0.4609	-0.7257	-0.6489
PVX_083065	0.4865	0.071	-0.0524	-0.0199	0.2034	0.4032	0.1566	-0.0723	-0.0162
PVX_009595	0.3013	0.1401	0	-0.2003	-0.0576	-0.2322	-0.3492	-0.3014	-0.3345
PVX_114315	-0.0468	-0.2178	-0.2009	-0.1608	-0.1854	-0.2171	-0.5527	-0.96	-1.0166
PVX_117300	-0.2255	-0.2625	0.0869	0.3045	0.4436	0.1685	-0.0775	0.0283	0.1809
PVX_099435	-0.5174	-0.2779	0.1803	0.5934	0.5706	0.7253	0.29	-0.0136	-0.0268
PVX_089045	-0.4527	-0.3728	-0.5078	-0.8221	-0.5264	-0.1232	1.1224	0.6747	0.5608
PVX_084420	0.7299	0.4162	0.2685	-0.4306	-0.8024	-0.3829	-0.3226	0.2831	1.6575

PVX_088864	-0.0675	0.0587	0.2872	0.4287	0.4071	0.4741	0.5938	0.5473	0.1643
PVX_119815	-0.172	0.4464	0.5275	0.36	0.3928	0.3835	-0.0698	-0.1719	-0.0152
PVX_092380	-1.895	-2.0086	-2.262	-2.067	-2.3871	-2.1603	0.9067	1.0092	-0.1378
PVX_097855	0.7336	0.7864	0.3198	0.0151	-0.103	0.1791	0.4418	0.1442	-0.0338
PVX_090185	0.4055	0.0536	0.3883	0.3708	0.0897	0.26	-0.0469	0.4841	0.8833
PVX_101210	-0.4423	-0.0051	0.1187	0.5046	0.715	0.9427	0.3414	-0.2804	-0.0019
PVX_001005	-0.272	-0.6212	-0.6502	-0.4092	-0.035	0.0889	1.1715	1.2109	0.4783
PVX_101280	0.7958	0.3794	-0.0514	-0.5111	-0.7797	-0.6673	0.0558	0.6866	1.2268
PVX_000725	0.6702	0.7201	0.3353	-0.206	-0.3717	-0.5071	-0.1753	0.4139	1.2925
PVX_026190	0.0668	0.2204	0.4274	0.282	0.4368	0.2662	-0.1578	-0.2904	-0.5134
PVX_091820	0.3931	0.3764	0.5287	0.636	0.5343	0.3111	-0.1641	-0.5009	-0.3437
PVX_089105	0.2762	-0.0488	-0.3136	-0.4336	-0.3025	-0.4298	0.3125	0.8485	1.2077
PVX_110960	0.399	0.6687	0.5284	0.4054	0.2798	0.1414	-0.5082	-0.6574	-0.624
PVX_101345	0.5159	0.8642	0.709	0.6065	0.2296	-0.0336	-0.4703	-0.376	-0.2007
PVX_084365	0.9532	0.8268	0.9062	0.8566	0.4116	-0.0817	0.1163	-0.1516	0.2483
PVX_090260	-0.3242	-0.2308	-0.4094	-0.5654	-0.2678	0.6745	0.2524	0.302	0.4204
PVX_082980	-0.2805	0.6514	0.5987	0.3114	0.1325	0.0939	-0.0184	-0.1156	-0.0446
PVX_122580	0.3739	0.1907	0.014	-0.1072	-0.0198	-0.286	0.0342	0.1659	0.2243
PVX_098685	0.4115	-0.5814	-0.2326	-0.0023	0.3559	0.1699	-0.0152	0.515	0.8049
PVX_095310	1.157	0.3886	-0.275	-0.7081	-1.0357	-0.352	0.2983	1.1349	1.6548
PVX_098675	-0.6231	-0.3254	-0.205	-0.054	-0.0911	-0.0859	0.5442	0.7478	0.4901
PVX_115420	0.1811	0.3021	0.3474	0.4008	0.4437	0.3019	0.476	0.0921	-0.2481
PVX_081370	-1.1124	-1.0728	-1.0053	-0.8406	-0.5253	-0.3547	-0.4963	-0.8176	-1.6404
PVX_079725	0.5509	0.111	-0.237	-0.3407	-0.4066	-0.375	0.0121	0.6575	1.1194
PVX_119800	-0.3827	0.2511	0.4304	0.3492	-0.0434	-0.0318	0.2639	0.3605	0.0324
PVX_101535	-0.3992	-0.9351	-0.9759	-1.0389	-1.0573	-1.0981	-0.8372	0.4523	0.4203
PVX_081825	-0.3892	-0.5094	-0.4916	-0.5094	-0.5702	-0.5083	0.9594	1.4426	0.7838
PVX_123975	-0.4849	-0.4552	-0.5287	-0.4926	-0.4934	0.8725	1.0243	0.5236	-0.0007
PVX_094765	0.3592	0.0477	0.1307	0.219	0.1427	-0.0923	-0.0468	-0.0719	0.0518
PVX_117025	0.4879	0.2604	0.3454	0.2557	0.2996	0.025	-0.2377	-0.7617	-0.7268
PVX_080140	0.4312	0.438	0.183	0.1608	0.1715	0.2147	-0.2694	-0.156	0.195
PVX_122545	-0.8993	-0.6724	-0.5961	-0.5697	-0.3433	0.0362	0.5802	0.2662	-0.4145
PVX_094300	0.1276	-0.1471	-0.3174	-0.3853	-0.5825	-1.2229	-1.7681	0.3763	0.6822
PVX_094650	-1.3362	-1.2989	-1.3521	-1.1448	-1.2869	-1.3395	-0.6116	1.3317	1.3481
PVX_087835	-0.8277	-1.2583	-0.9096	0.1443	0.7093	0.2391	-0.6559	-0.6897	-0.5173
PVX_092775	-0.2256	0.372	0.4936	0.2286	0.3738	-0.1082	-0.8419	-0.6324	-0.7217
PVX_111560	0.5952	0.3973	0.4543	0.5185	0.2913	0.1305	0.0295	0.098	0.0889
PVX_095225	1.0164	0.7654	0.3887	0.2782	0.1368	0.0247	0.091	0.6134	1.0089
PVX_091180	-0.3736	-0.1718	0.1398	0.6307	0.5348	0.454	0.3209	-0.0076	-0.2986
PVX_085055	-0.0855	-0.0647	0.0983	0.2212	0.3092	0.831	0.4594	-0.1047	-0.3843
PVX_000555	0.4435	-0.0974	-0.4927	-0.6581	-0.3756	-0.1546	0.4342	0.9425	0.9928
PVX_112695	0.6192	0.2895	0.1174	0.1513	0.2961	-0.0116	-0.1581	-0.4216	-0.216
PVX_094295	0.113	-0.3343	-0.9089	-1.3616	-1.7059	-2.2045	-1.9548	0.7349	1.2748
PVX_002660	-0.254	0.5232	0.5251	0.4623	0.2016	0.2225	-0.0481	-0.1803	-0.1021
PVX_118005	-0.126	-0.2473	-0.4021	-0.4001	-0.5783	0.4068	1.0947	0.6691	0.5005
PVX_096410	0.4636	0.1797	0.2024	0.0003	0.0474	0.0967	0.429	0.5076	0.5759
PVX_114965	-0.4638	0.3195	0.498	0.4871	0.4234	0.6073	-0.0146	-0.1774	-0.2472
PVX_123685	-0.3796	-0.4445	-0.1662	0.3476	0.4038	0.7072	1.1112	0.7493	0.3841
PVX_091385	-0.54	-0.7458	-0.9217	-0.773	-0.0858	0.4913	1.1039	0.557	0.011
PVX_085425	-0.3841	0.3008	0.443	0.4129	0.3513	-0.1547	0.634	0.8493	0.3527
PVX_086185	0.239	0.4533	0.3021	0.3413	0.2475	0.0228	-0.3349	-0.1643	0.194
PVX_088100	0.2059	0.2773	0.2262	0.1466	-0.0266	-0.0827	-0.175	-0.1518	0.0063
PVX_124145	0.4127	0.1937	-0.0997	-0.5959	-0.8422	-0.8056	-0.2894	0.372	1.126
PVX_097905	-0.2461	0.078	-0.0291	-0.1495	-0.3435	-0.3044	0.5438	0.1828	-0.0161
PVX_003485	0.9377	0.4338	0.2923	0.234	0.0987	-0.4947	-0.8746	-0.5538	-0.2613
PVX_122035	1.0918	0.2185	-0.202	-0.3407	-0.3716	-0.3217	0	0.7432	1.7383
PVX_080010	-0.4465	0.1243	0.2088	0.3098	0.5176	0.0414	-0.3528	-0.3999	-0.3994
PVX_116750	0.3738	0.0306	-0.0864	-0.2374	-0.4377	-0.3138	0.0437	0.3431	0.9372
PVX_000795	0.265	0.0682	0.1084	0.0507	0.0693	0.1695	0.1256	-0.1225	0.037
PVX_112690	-1.4491	1.1631	1.5484	0.2877	-1.7233	-2.5673	-2.3288	-2.0032	-1.7004
PVX_091950	-1.2634	-1.183	-1.0732	-0.8417	-0.4068	-0.2043	0.3814	1.0379	0.2347
PVX_081460	-0.3585	-0.4537	-0.8258	-1.2262	-1.1417	-0.4081	0.7357	0.3682	0.186
PVX_117940	-0.287	-0.013	0.7339	1.641	0.5084	0.0171	-0.4108	-0.5022	-0.3256

PVX_089445	0.3584	0.9492	0.7019	0.1988	-0.1497	-0.68	-0.8377	0.8848	0.8776
PVX_003615	0.5157	0.182	0.1482	0.0341	0.0811	0.098	-0.6242	-0.6653	-0.2796
PVX_119700	-0.4837	-0.2424	-0.0324	0.2322	0.4413	-0.0366	-0.1105	-0.4235	-0.5291
PVX_116540	-0.1618	0.0693	0.0045	-0.0878	0.1089	0.4314	0.1152	-0.1374	-0.3067
PVX_122670	0.1732	0.4134	0.4255	0.4686	0.4458	0.2952	-0.0583	-0.5095	-0.3719
PVX_123225	0.1613	0.0215	-0.1382	-0.202	-0.3332	-0.2184	0.7276	1.4135	1.1243
PVX_099255	0.0384	0.409	0.4167	0.1569	-0.1122	-0.5185	-0.2708	0.0719	0.4556
PVX_080275	0.282	0.3974	0.6774	0.3448	0.1098	-0.2123	-1.0427	-1.3645	-1.4752
PVX_090190	-0.5087	-1.0037	-1.5504	-1.5448	0.0133	0.0534	0.161	-0.1306	-0.3337
PVX_081505	-0.7874	-0.0514	0.375	0.5994	0.3898	-0.0952	-0.6885	-0.5671	-0.3721
PVX_083430	0.1304	0.617	0.7466	1.0318	0.8917	0.3097	-0.0965	0.1097	0.1457
PVX_099945	-0.8998	-0.809	-0.159	0.206	0.5953	0.7862	0.049	-0.5575	-0.7934
PVX_090970	0.581	0.3269	0.3429	0.3681	0.3935	0.12	-0.0129	-0.4748	-0.251
PVX_085760	0.9253	0.7155	0.4226	0.2294	-0.0827	0.531	0.0814	-0.1023	-0.1664
PVX_092560	-0.0622	-0.7558	-0.9022	-0.7957	-0.5882	-0.2506	0.3424	0.216	-0.168
PVX_122130	-0.0041	0.2109	0.3423	0.5361	0.4426	0.1758	-0.1047	-0.4199	-0.5786
PVX_122690	0.1601	0.3652	0.3582	0.1464	-0.0213	0.6924	0.2412	-0.9133	-0.8063
PVX_115360	-0.7199	-1.205	-0.4275	0.343	0.0601	0.7375	0.4401	-0.3349	-0.3553
PVX_101420	-0.7474	0.1238	0.3085	0.3556	0.3063	0.0466	-0.1714	-0.3635	-0.5643
PVX_115085	0.4981	0.2987	0.1474	-0.4622	-0.6337	-0.8596	-0.3566	0.5775	1.4214
PVX_087125	1.2269	0.7809	0.2275	-0.3067	-0.2965	-0.5081	0.5812	1.3619	1.5579
PVX_115205	0.2469	0.2037	0.271	0.4491	0.7161	1.054	0.8184	0.6149	0.5453
PVX_083155	-0.3219	-0.376	-0.3914	0.0586	0.3911	0.6755	0.429	-0.3211	-0.863
PVX_089730	0.4586	0.611	0.6965	0.4679	0.3825	0.5365	0.2852	0.4972	0.4383
PVX_096400	-0.494	-0.2016	-0.1389	0.1211	0.4586	0.3173	-0.017	-0.2805	-0.5003
PVX_000825	-1.0496	-0.7993	0.4358	0.7987	0.9587	0.1252	-0.5704	-0.85	-0.7126
PVX_086220	0.223	0.1917	-0.153	0.3437	0.5399	0.3514	0.4636	0.3181	0.593
PVX_092440	-0.1424	-0.1889	-0.1902	-0.118	-0.42	0.0993	0.3107	0.0651	-0.0152
PVX_090045	-0.7364	0.109	0.5629	0.3876	0.6809	0.2355	-0.3307	-0.3825	-0.2305
PVX_099990	0.2985	0.4123	0.157	0.0265	-0.1722	-0.5437	0.6552	0.984	0.3353
PVX_090035	0.0061	-0.3589	-0.8346	-1.3279	-1.2109	-1.087	1.0335	0.7624	0.5774
PVX_099805	-0.0447	-0.2698	-0.1868	-0.1501	-0.1568	-0.2463	-0.3489	-0.0365	0.067
PVX_081530	0.005	0.3445	0.3359	0.3968	0.4501	0.0257	-0.5871	-0.7493	-1.0924
PVX_111565	1.263	1.1377	0.6201	0.4698	-0.1225	-0.8405	-1.0653	-1.0223	-0.6058
PVX_082925	0.0862	0.1651	0.1477	0.1189	0.0981	0.2978	-0.0606	-0.705	-0.8009
PVX_122085	-0.1656	-0.8656	-1.1715	-1.015	-0.1852	-0.0688	-0.1683	-0.111	-0.1845
PVX_123330	-0.0028	0.2087	-0.1843	0.0024	0.0634	0.9292	0.3088	-0.4412	-0.5535
PVX_123065	0.4734	0.5213	0.4614	0.1481	0.0451	-0.2836	-0.4168	0.2338	0.8434
PVX_122430	0.1303	0.3496	0.3213	0.4647	0.5692	1.2456	0.7692	0.0149	-0.0119
PVX_088810	-0.9978	-1.174	-1.5191	-1.8464	-1.9244	-1.8627	-1.0903	1.3023	1.5518
PVX_081260	0.1428	0.3627	-0.1056	-0.3744	-0.2125	-0.4737	-0.6623	-0.4349	-0.2501
PVX_083260	0.0349	-0.0286	0.0855	-0.0568	0.0461	-0.4855	-1.2718	-1.6746	-1.2941
PVX_087730	0.6919	0.0437	-0.1764	-0.5419	-1.2203	-0.1914	0.2175	0.8805	1.3105
PVX_080585	0.1027	-0.234	-0.4467	-0.0538	-0.3793	0.4626	1.1594	1.158	0.6615
PVX_003620	0.3756	0.2853	0.083	0.005	-0.0896	-0.5505	-0.3803	0.085	0.9988
PVX_122905	-1.0525	-0.8532	0.2954	0.9982	1.095	0.0382	-1.064	-1.127	-0.7108
PVX_115325	0.427	0.5994	0.6671	0.7863	0.5057	0.2852	-0.0807	-0.1252	0.0794
PVX_092850	-1.464	-0.7413	-0.5018	-0.3784	-0.2864	0.3193	0.3354	-0.0734	-0.6545
PVX_092795	1.2836	0.9462	0.6288	0.4141	0.0832	-0.4616	-0.5177	0.6269	0.604
PVX_096320	0.1901	0.4518	0.5915	0.8238	0.8158	0.4301	-0.0662	-0.4172	-0.3442
PVX_091575	0.3177	0.1814	-0.2067	-0.3589	-0.3947	-0.3204	0.2486	0.5471	0.9021
PVX_000765	0.127	0.3228	0.0599	-0.2172	-0.3481	-0.1108	-0.1785	-0.6868	-0.3533
PVX_092120	0.4851	0.4863	0.6234	0.4915	0.2649	0.1992	-0.8823	-1.6895	-1.7172
PVX_096195	1.1223	0.6097	0.248	-0.181	-0.3623	-0.3036	0.0385	0.9978	0.9915
PVX_099780	0.0169	0.1579	0.1118	0.0465	0.0801	0.2699	0.5095	0.2015	-0.1637
PVX_100780	1.0313	0.911	-0.0281	-0.233	-0.2896	-0.2638	0.6395	1.2115	1.3863
PVX_100845	0.2652	-0.0095	-0.045	-0.4099	-0.4273	-1.0331	-0.94	-0.7142	-0.6217
PVX_083295	0.5084	0.0099	-0.4296	-0.741	-1.0723	-0.3809	0.3246	0.5087	0.5968
PVX_113820	0.0245	0.2941	0.3695	0.1684	0.1482	0.0051	0.1301	-0.1358	-0.1409
PVX_099290	0.2594	-0.2208	-0.3611	-0.376	-0.0381	0.3392	0.6394	0.7262	0.6118
PVX_000645	-0.7826	-1.0102	-0.8425	-0.4516	0.3608	1.3389	1.1817	0.5257	0.2234
PVX_091600	0.6518	0.9039	0.8189	0.6934	0.4881	-0.3827	-0.5321	-0.3466	-0.3285
PVX_000565	-0.3836	0.022	-0.1015	-0.3005	-0.5355	-0.3981	-0.2055	-0.3841	-0.707

PVX_113510	-0.1483	0.2081	0.5675	0.7135	0.5978	0.0247	-0.1727	-0.3438	-0.3906
PVX_123625	-0.0815	0.3744	0.3746	0.4297	0.3108	0.0779	-0.1836	-0.4996	-0.5559
PVX_083440	0.7213	0.4686	0.3705	0.1406	0.2133	0.2114	0.2856	0.1425	0.2343
PVX_094750	0.2768	0.7105	0.7791	0.6106	0.6036	0.3004	-0.5876	-1.1303	-1.0033
PVX_093495	-0.333	-0.381	-0.1982	-0.3417	-0.3394	-0.1898	-0.4766	0.3607	0.5946
PVX_002765	0.241	0.1333	0.1783	0.0854	-0.2428	-0.1415	-0.3532	-0.4465	-0.2729
PVX_116665	-1.4984	-2.3212	-2.1586	-1.3811	-0.1662	0.5806	0.4808	-0.5354	-0.9413
PVX_085615	0.5682	0.4223	0.0918	-0.4214	-0.5898	-0.4952	0.0231	0.6462	1.2013
PVX_098620	0.5044	0.066	0.2462	0.4949	0.4244	0.4392	0.4567	0.071	0.0939
PVX_092145	-0.0158	0.1811	0.2243	0.063	-0.1594	-0.0997	-0.1202	0.2148	0.2557
PVX_114255	0.0045	0.3442	0.4921	0.6167	0.7798	0.3138	-0.0117	-0.6525	-0.5381
PVX_094785	-0.4445	-0.8195	-1.005	-0.6199	0.1689	0.8236	-0.0037	-0.3685	-0.4076
PVX_090995	-0.8906	0.1585	0.5755	0.6667	0.5544	0.3794	-0.4859	-0.578	-0.7346
PVX_094400	0.231	0.3234	0.4889	0.3524	0.2002	0.1795	-0.4636	-1.0579	-1.0361
PVX_001795	0.3057	0.5485	0.4958	0.2311	0.3302	0.5326	0.5955	0.4474	0.1759
PVX_122675	-0.3782	-1.0545	-1.5324	-1.1114	-0.0745	0.6176	0.7093	0.276	0.3211
PVX_099770	-0.1257	0.3059	0.5189	0.5052	0.4055	0.4436	0.333	0.1377	0.1678
PVX_123780	-0.1296	-0.3238	-0.689	-0.6516	-0.581	0.1151	0.9732	0.892	0.5895
PVX_099555	-0.1309	-0.0658	0.4567	0.5144	0.0495	0.821	0.1167	0.0114	0.0322
PVX_002965	-0.2948	0.1104	0.3137	0.4584	0.5316	0.2455	-0.3122	-0.4294	-0.2903
PVX_102645	0.0766	0.2869	0.3512	0.465	0.4885	0.7613	0.5667	-0.0264	0.0604
PVX_117800	-0.5346	0.1112	0.2068	0.2017	0.1621	0.1595	0.9234	0.7794	0.2135
PVX_096985	0.1821	0.1671	-0.0787	-0.3359	-0.8164	-0.244	-0.1531	-0.7513	-0.5246
PVX_085790	0.8559	0.0307	-0.1651	-0.7499	-0.8642	-0.4775	0.2957	0.813	0.9802
PVX_089315	-0.3142	-0.0327	0.1039	0.449	0.6308	0.7085	0.6731	0.5959	0.467
PVX_089865	-1.4895	-0.6851	-0.9829	-0.9529	-1.0324	-1.1066	-1.3734	0.8228	1.1825
PVX_080455	0.3403	0.6635	0.6734	0.5842	0.4606	-0.1989	-0.4154	-0.3025	-0.1333
PVX_117320	-0.9607	0.0589	0.1599	0.398	0.0672	0.0179	-0.6119	-0.6791	-0.3826
PVX_118370	-0.0774	-0.4108	-0.1864	0.0515	-0.2143	0.2115	0.1389	-0.1456	-0.0836
PVX_095170	-0.2999	-0.3469	0.0575	0.2527	0.1723	-0.1823	0.2986	0.3727	0.3425
PVX_122855	-0.743	0.3441	0.5368	0.5931	0.3049	-0.2854	-0.8723	-1.0165	-1.0396
PVX_099470	0.0421	0.0671	0.0469	0.0147	-0.0513	0.0251	0.2496	-0.3062	0.3355
PVX_122280	0.4782	0.237	0.2035	0.1797	0.3117	0.2844	0.074	-0.2068	-0.1517
PVX_119790	0.6647	0.5081	0.2048	0.3111	0.1592	-0.0632	0.2291	0.4266	0.533
PVX_086250	-0.0604	-0.3573	-0.7868	-0.8968	-0.7228	0.5772	0.9534	0.4473	0.5488
PVX_110915	-0.9333	-1.1382	-1.2708	-1.403	-1.1571	-1.2649	-0.3686	1.1771	0.9338
PVX_116910	-0.008	0.168	0.0857	0.2572	0.4773	0.2971	0.1423	-0.0018	0.1556
PVX_083495	0.3748	0.6549	0.6104	0.6209	0.0724	-0.0276	-0.327	-0.0787	-0.017
PVX_003515	-0.893	-0.9683	-1.0293	-1.3506	-1.3761	-1.1531	-1.4526	1.0428	1.2998
PVX_086110	-0.5816	-0.2893	0.0607	0.272	0.6154	-0.0838	-0.569	-0.7701	-0.5099
PVX_001720	-0.2867	-0.8596	-0.2908	0.2617	0.6808	0.4912	-0.2626	-0.0413	0.267
PVX_001000	-0.4157	-0.4193	-0.2151	-0.2852	0.2571	-0.1817	0.0132	0.0749	-0.1451
PVX_099020	-1.2089	-1.1394	-0.2484	0.4354	0.6718	1.3778	0.4106	-0.5268	-0.8205
PVX_090060	0.1373	0.3757	0.3224	0.3006	0.4498	0.5156	-0.0363	-0.3609	-0.4015
PVX_123105	0.037	-0.4537	-0.4609	-0.0781	-0.2769	0.1584	0.077	-0.6576	-0.6867
PVX_084910	-0.0623	-0.4578	-0.9098	-0.9714	-0.9543	-0.3711	0.8424	0.8226	0.6163
PVX_092290	0.1098	0.2905	0.3756	0.4415	0.1331	-0.0042	-0.4348	-0.7046	-0.6927
PVX_089690	0.5346	0.0998	0.0973	-0.0276	-0.1855	-0.3844	0.004	0.3974	0.7585
PVX_082585	0.424	0.0498	0.1703	0.4681	0.3228	0.5247	0.4576	-0.0557	0.131
PVX_083205	-0.0729	-0.0982	-0.1571	-0.063	0.3317	0.9864	0.2417	-0.5037	-0.5482
PVX_092925	-0.7023	-1.2342	-1.3409	-0.4109	0.1981	0.3711	0.9724	0.6893	0.351
PVX_104700	0.1016	0.1016	0.1794	0.3809	0.1825	0.2732	0.0471	0.1515	-0.1925
PVX_003665	-0.7722	0.6226	0.6775	0.8466	-0.0063	-0.8952	-0.9462	-1.0556	-1.0311
PVX_114500	-0.0924	-0.1243	-0.1988	-0.0375	-0.2034	-0.527	-0.767	-0.8467	-0.4876
PVX_085510	0.502	0.4263	0.5169	0.2536	0.0845	0.2664	0.2877	0.2726	-0.173
PVX_110300	1.051	0.6912	0.3432	-0.0087	-0.4286	-0.3818	-0.4756	-0.4409	-0.203
PVX_099635	0.2143	0.0621	-0.0024	-0.1014	0.1688	0.5298	0.5392	0.4598	0.0999
PVX_117530	0.1451	-0.543	-0.1414	0.1409	0.546	0.1237	-0.0762	0.2251	0.5483
PVX_122045	0.2505	-0.3615	-0.3072	0.1675	0.1745	0.9774	0.3396	0.733	0.9162
PVX_122770	0.4811	-0.0535	-0.2218	-0.3584	-0.3807	-0.2936	0.2368	0.4126	0.6214
PVX_091675	0.4885	0.2199	0.1763	0.032	-0.0935	0.3606	0.2732	-0.2469	-0.1557
PVX_085930	-1.7915	-1.8311	-1.9847	-2.2689	-2.3281	-1.8686	1.2466	1.6098	0.546
PVX_096285	0.259	0.4355	0.6202	0.6402	0.6214	0.6821	0.4831	0.3066	0.1146

PVX_117255	1.1945	0.7302	0.4881	0.3791	0.243	0.1303	0.0633	0.0798	0.3831
PVX_101580	1.9795	0.9957	0.4631	-0.3778	-1.5073	-2.0117	-1.8963	-1.1853	-0.2797
PVX_090155	0.1701	0.0169	-0.1607	0.0226	0.3171	0.316	0.023	0.008	0.268
PVX_096315	0.3299	0.5409	0.6589	0.7141	0.553	0.2406	0.1615	-0.2935	-0.113
PVX_123655	-0.5224	-0.7572	-0.8483	-0.8312	-0.8687	0.3863	0.9687	0.5079	0.1117
PVX_090895	0.1274	0.2078	0.2389	0.4385	0.3737	0.4682	0.1559	-0.1675	-0.4165
PVX_090310	0.2818	0.2742	0.2812	0.1156	0.3296	0.0143	-0.142	0.2642	0.6833
PVX_079710	-0.2765	-0.6129	-0.647	-0.8769	-1.1157	-0.8826	1.0403	1.1524	0.6858
PVX_000650	0.339	-0.0383	0.0096	0.1923	0.5407	0.5538	0.4966	0.3894	0.5103
PVX_081775	0.3949	0.2594	0.2466	0.1859	0.1699	0.2542	0.2362	0.0508	-0.1013
PVX_002655	0.464	0.2769	0.0884	-0.1167	-0.0585	-0.5847	-0.9098	-0.5081	-0.2385
PVX_090255	0.826	0.7582	0.6424	0.3274	-0.1637	-1.1079	-1.4224	-0.793	-0.2578
PVX_095350	0.2864	0.4041	0.4887	0.4264	0.0918	-0.1372	-0.6497	-1.3444	-1.3204
PVX_085535	0.8345	0.6091	0.5828	0.4036	0.2376	-0.004	-0.4383	-0.5102	-0.1944
PVX_083055	0.1006	0.2817	0.3825	0.1988	0.2662	0.6005	0.4952	-0.1638	-0.0842
PVX_097750	0.2289	0.4133	0.365	0.4272	0.4885	0.3976	0.3549	0.4543	0.2774
PVX_100875	0.0291	-0.2759	-0.4264	-0.3245	-0.3172	0.1485	0.4771	0.3854	0.6626
PVX_101055	0.3538	0.5397	0.3575	0.1102	0.4838	0.6366	0.3474	-0.124	-0.0879
PVX_116740	-0.3726	-0.3015	-0.0695	-0.0578	-0.2608	0.1188	0.7381	0.5389	0.3602
PVX_123665	0.5356	0.4088	0.3858	0.2131	0.1576	-0.1799	-0.5042	-0.2659	0.0241
PVX_002715	-0.8542	-0.6618	-0.631	-0.6163	-0.2908	0.6683	0.5276	0.0357	-0.3422
PVX_089580	-0.5304	0.1948	0.5339	0.4485	0.5902	-0.011	-0.6846	-0.8002	-0.8249
PVX_110865	0.4223	-0.2061	0.3312	0.6088	0.4581	0.4242	0.312	0.6157	0.8597
PVX_117135	1.1144	0.1849	-0.0281	-0.2475	-0.8063	-0.2613	0.4523	1.2463	1.4927
PVX_001625	0.2218	0.1547	0.2015	0.1771	0.2797	0.2448	0.0489	-0.1123	-0.236
PVX_113665	-0.461	-0.8709	-1.2689	-1.4561	-0.3313	0.6822	1.1531	0.8131	0.5505
PVX_100870	0.3442	0.027	-0.213	0.1001	-0.4175	0.0546	-0.1569	-0.1165	-0.1625
PVX_081805	-1.1779	-0.1185	0.046	0.1709	0.1661	0.1951	-0.4976	-0.7972	-0.932
PVX_082950	0.3202	-0.21	-0.4621	-0.6995	-0.1797	0.236	0.2617	0.4515	0.7312
PVX_042190	-0.2557	-0.274	-0.3606	-0.3529	-0.5036	-0.7462	-0.5431	-0.402	-0.5124
PVX_113905	0.6378	0.2482	0.1947	-0.0938	0.0713	0.1889	0.2968	-0.3065	-0.3495
PVX_119615	0.8699	0.5912	0.5675	0.4092	0.3487	0.1405	-0.4494	-0.4669	-0.3283
PVX_123880	-0.1165	0.2051	0.5168	0.475	0.518	0.3367	0.0792	0.0953	-0.0499
PVX_088010	0.6763	1.0681	1.1274	1.0131	0.4527	-0.1274	-0.2519	0.0573	0.114
PVX_083465	0.3569	0.5369	0.6518	0.4771	0.5216	0.4349	-0.2838	-1.1308	-1.1233
PVX_113615	-0.2281	0.0319	-0.0153	-0.0612	-0.2215	-0.1596	0.1355	0.7592	0.4648
PVX_115245	-0.0508	0.4504	0.1953	0.1701	0.0784	0.3292	0.5876	0.4427	0.4221
PVX_085650	1.1156	0.4038	0.0369	-0.3156	-0.5963	-0.4968	-0.1537	0.7468	1.5441
PVX_001900	0.1245	-0.0497	0.1226	0.2244	0.1378	0.2838	0.3553	0.3482	0.3298
PVX_092730	0.3727	0.4235	0.7541	0.483	0.46	0.3751	-0.5445	-1.1726	-1.1237
PVX_083165	-0.8011	-0.7818	-0.4034	-0.1098	0.2356	0.6174	0.4701	0.1021	-0.0008
PVX_091915	-0.2845	0.0742	0.216	0.0811	0.2339	0.5822	0.2075	-0.0607	-0.2883
PVX_115445	-0.1726	0.2105	0.108	0.0607	0.0556	0.1455	-0.1939	-0.7695	-0.8014
PVX_117755	0.0596	0.2524	0.1326	0.0335	-0.2262	-0.3863	-0.0801	0.2584	0.3944
PVX_086090	-0.2742	-0.4818	-0.9866	-1.3943	-1.2622	-0.7455	1.2145	1.2014	0.6457
PVX_098885	-0.2963	0.6135	0.7229	0.758	0.2273	-0.8703	-0.7314	-0.477	-0.3543
PVX_082385	0.1576	-0.0534	-0.0484	-0.0471	-0.1374	-0.1612	0.3279	0.2976	0.0865
PVX_084755	-0.1649	-0.5099	-0.7655	-1.2623	-1.2481	-1.2573	0.349	1.1662	0.9362
PVX_117855	-0.9365	-0.4794	0.046	0.1292	-0.0074	0.6567	0.2995	-0.2173	-0.4471
PVX_101270	0.1657	0.2354	-0.0816	0.0112	-0.3074	-0.0651	0.7817	1.2216	1.1219
PVX_082555	0.0458	0.523	0.8187	0.651	0.6095	0.2886	-0.1769	-0.533	-0.6117
PVX_114305	-0.0753	-0.2534	-0.1252	-0.1863	-0.8211	-1.2979	-1.014	0.8234	1.2012
PVX_101235	-0.4135	-0.2532	-0.5758	-0.6288	0.0099	0.8848	0.2337	-0.4067	-0.5733
PVX_001060	0.5025	0.6068	0.6921	0.5461	0.7445	0.3097	-0.1831	-0.2144	-0.0847
PVX_003950	0.3253	0.2413	-0.106	-0.2278	-0.4923	0.259	0.478	-0.2616	-0.1856
PVX_123515	0.4162	0.0934	-0.1386	-0.15	-0.1078	-0.5188	0.1275	0.4057	0.6152
PVX_091895	0.6042	0.5653	0.5064	0.4087	0.4589	0.0138	-0.5273	-1.1808	-1.0786
PVX_113315	0.5908	0.1941	0.3058	0.0951	0.0439	0.4643	0.3331	0.1941	0.5207
PVX_079845	0.0023	0.0083	-0.0232	0	0.2481	0.633	0.5596	-0.1419	-0.3491
PVX_122780	1.4055	0.6138	0.5687	0.4732	0.1597	-0.0706	-0.8844	-1.0909	-0.6892
PVX_083140	0.2722	0.2081	0.0765	0.1507	-0.1428	0.009	0.089	-0.0876	0.1157
PVX_002845	1.0807	0.7553	0.5918	0.3324	0.2989	-0.0952	-0.0431	0.3601	0.6676
PVX_082580	-0.5836	0.4558	0.6542	0.8656	0.7043	-0.1596	-0.3721	-0.6248	-0.6855

PVX_123025	-1.0562	-0.0805	0.6853	0.9951	0.9795	0.1284	-0.8165	-0.8991	-0.84
PVX_092790	0.217	-0.2769	-0.339	-0.2993	0.1232	0.3592	0.2633	0.2555	0.5246
PVX_091505	-0.3369	0.8298	1.113	0.985	0.8547	0.2581	-0.5672	-0.7579	-0.5312
PVX_087675	0.3301	0.2989	0.1455	0.2226	-0.0972	-1.6731	-1.8347	-1.3544	-0.7349
PVX_081365	0.7734	0.2879	0.3055	0.3328	0.162	0.1001	0.2052	0.108	-0.1847
PVX_097005	-1.3802	-1.132	-1.3383	-0.9718	-1.0966	-1.1293	-1.1177	0.598	1.0241
PVX_000025	0.5676	0.9195	0.9121	0.7392	0.5731	0.0028	-0.4511	-0.6246	-0.4744
PVX_115105	0.3161	0.3297	0.6566	1.5119	0.6921	0.1405	0.2894	0.1533	-0.0369
PVX_115055	-0.2889	-1.019	-0.8081	-0.2817	0.2337	0.1055	-0.0552	0.2018	0.1792
PVX_086305	0.3943	0.7737	0.9127	0.7742	0.5338	0.6817	-0.5361	-1.3577	-1.1983
PVX_092435	-0.0252	0.3068	0.4434	0.352	0.2535	0.132	-0.3947	-0.5449	-0.5841
PVX_114320	-0.0165	-0.1691	0.0377	0.7517	0.8484	0.6001	0.205	-0.0407	-0.0394
PVX_111325	-0.2181	0.1597	0.1514	0.3359	0.2305	0.1917	0.1202	-0.0617	-0.5813
PVX_114085	0.1205	0.1283	0.1582	0.0963	0.2817	0.6144	0.3746	-0.3443	-0.5716
PVX_095165	-0.7935	-0.7978	-0.6554	-0.7162	-0.634	0.6467	1.2169	0.8083	-0.2995
PVX_085630	0.3565	0.0495	0.057	0.2418	0.2242	0	0.0672	0.3855	0.8554
PVX_095280	-0.5523	-0.4999	-0.4044	-0.0688	0.2856	0.4499	-0.1004	-0.4826	-0.2499
PVX_090300	-2.1611	-2.213	-2.6005	-2.8515	-2.82	-2.718	-2.2281	1.3563	1.574
PVX_113475	-0.1822	0.2796	0.1818	0.2308	0.2271	-0.212	-0.454	-0.8064	-0.6397
PVX_101310	0.44	0.261	0.085	-0.4939	-1.1431	-1.0256	-0.6805	0.4149	1.2257
PVX_002835	0.1914	0.4147	0.559	0.5959	0.5536	-0.1207	-0.6752	-0.944	-0.9348
PVX_091890	0.5056	0.7419	0.8682	0.6087	-0.2026	-0.1998	-0.6217	-0.3402	-0.093
PVX_079880	0.0632	0.1502	0.1643	-0.0861	-0.167	0.2731	0.3101	0.301	0.5476
PVX_113880	0.6224	0.7412	0.5627	0.48	0.2293	-0.0494	0.0064	-0.4043	-0.5701
PVX_089225	-0.4602	-0.0255	0.1155	0.3531	0.4442	0.2398	-0.6928	-0.8374	-0.9315
PVX_112645	-1.0219	-0.9304	-1.0152	-0.9867	-0.6635	0.6995	0.9195	0.1387	-0.1024
PVX_101460	0.5631	0.3298	0.4381	0.4075	0.024	0.1359	0.1599	0.0098	0.2654
PVX_092465	-0.4628	-0.201	0.1429	0.4282	0.6029	0.3606	0.2378	0.1412	-0.1533
PVX_003810	-2.7715	-2.8257	-3.04	-3.0016	-2.8715	1.4151	1.8287	0.322	-0.9159
PVX_117355	-0.4738	-0.1947	0.2066	0.4497	0.5462	0.6256	0.2548	0.2121	-0.0405
PVX_001685	0.8435	1.1048	1.3778	0.8166	-0.72	-1.9408	-2.0332	-0.647	-0.034
PVX_119775	-0.5492	-0.5326	0.3305	0.6167	0.2633	-0.1583	-0.5356	-0.3144	-0.1598
PVX_119625	-0.1837	-0.5368	-0.6802	-0.6889	-0.6916	0.5517	1.1812	0.6411	0.3636
PVX_094810	0.2625	0.006	-0.1535	-0.467	-0.3121	-0.2173	0.0418	0.1581	0.3227
PVX_111045	0.5393	0.2738	0.1056	-0.1679	0.108	0.4156	-0.3048	-1.1507	-0.6015
PVX_092170	-1.0795	-0.6251	-0.205	0.178	0.3264	0.138	0.4039	0.3399	-0.298
PVX_122165	0.0755	0.0868	0.0972	-0.0101	-0.1464	0.5711	0.486	-0.1482	0.0443
PVX_081500	-0.77	-1.0268	-1.0581	-0.8304	-0.368	0.5387	0.6236	0.6871	0.3889
PVX_094960	0.9504	0.0466	-0.4175	-0.7898	-0.939	-0.711	0.4782	0.9783	1.1822
PVX_082500	-0.4759	0.2783	0.1159	-0.1975	-0.2375	0.6131	0.4192	-0.1873	-0.4962
PVX_081420	-0.4527	-0.8979	-1.4398	-1.3865	-0.2606	0.6589	0.8478	0.5345	0.2791
PVX_113320	-0.1771	-0.0629	0.0013	-0.1008	0.1214	0.1273	-0.3813	-0.5587	-0.6356
PVX_101515	0.5028	0.4258	0.6072	0.5997	0.6655	0.352	-0.8393	-1.3418	-1.136
PVX_091275	-0.7305	0.3568	0.7113	0.9901	0.6376	-0.7998	-1.1814	-1.3431	-1.3657
PVX_119365	0.2349	0.3848	0.4698	0.391	0.004	-0.7799	-0.8047	-0.0615	0.193
PVX_087745	-0.1631	-0.4771	-0.6353	-1.1181	-1.267	-0.4927	0.8287	0.647	0.4529
PVX_002520	0.2348	-0.0476	0.1469	0.3707	0.0196	0.0032	0.5999	0.8218	0.5608
PVX_119505	-0.2849	-0.6767	-0.6765	-0.0759	-0.2319	0.0223	0.3917	0.5858	0.4439
PVX_090930	-0.8838	-1.2421	-1.2224	-1.0804	-0.3623	0.5559	1.1348	0.7332	0.6425
PVX_115215	-0.6748	0.0264	0.4939	0.7283	0.5315	0.0265	-0.6102	-0.3812	-0.4253
PVX_085505	-0.2584	-0.4139	-0.7939	-1.0048	-0.6886	0.3101	0.9757	0.6023	0.5408
PVX_096265	0.1291	0.3499	0.4406	0.3894	0.3849	0.1084	-0.5442	-0.8999	-1.0221
PVX_116630	-0.8394	0.0525	0.5709	0.736	0.5554	0.5187	-0.4999	-1.3446	-1.9463
PVX_117815	-0.6181	-0.7547	-0.774	-0.3545	0.2398	0.9518	0.6315	0.204	-0.1017
PVX_117380	0.4021	0.3565	-0.2706	-0.6722	-1.095	-0.8995	-0.1749	0.4893	0.9805
PVX_086910	1.4821	0.3573	0.1674	0.3759	0.13	-0.1197	0.1324	0.523	0.7494
PVX_124060	-1.9812	-1.8995	-2.2386	-2.3481	-2.2737	-0.3149	1.845	1.3321	-0.3679
PVX_119435	0.1821	0.5402	0.6767	0.4743	-0.0412	-0.6312	-0.5816	-0.3921	-0.0575
PVX_116710	0.045	0.0676	-0.0076	-0.0467	0.0208	-0.263	-0.01	-0.2528	-0.2359
PVX_083535	-0.4901	0.0981	0.4211	0.6258	0.6777	0.7432	-0.0626	-0.1261	-0.0446
PVX_115065	0.4815	0.4068	0.49	0.1954	-0.1428	-0.0332	0.1045	-0.2932	0.1117
PVX_113855	0.5099	0.4729	0.4135	0.5695	0.2468	0.077	-0.3732	-0.3526	-0.0936
PVX_092365	0.529	0.0105	-0.2385	-0.3294	-0.5357	-0.7816	0.5187	0.4112	0.0403

PVX_001825	0.9793	0.6659	0.1491	-0.0048	-0.0484	-0.2125	0.3349	0.8774	1.1637
PVX_118240	-0.2079	-0.6633	-0.8241	-0.3599	0.5075	1.0596	0.5914	0.3135	0.2904
PVX_122200	0.08	0.4219	0.6035	0.6578	0.539	-0.0642	-0.4075	-0.3953	-0.3265
PVX_089080	-0.1813	-0.3811	-0.4729	-0.2302	0.2223	0.458	0.1024	-0.1574	-0.1305
PVX_089115	1.118	0.7661	0.5584	0.4	-0.1862	-0.5781	-0.3034	-0.3163	-0.3854
PVX_080145	-1.0097	-0.9202	-1.0492	-1.3206	-1.4679	-0.9595	0.819	1.202	0.8643
PVX_085060	0.5279	0.343	0.1552	0.0694	0.1738	0.3829	0.0339	-0.5076	-0.7408
PVX_119380	0.0332	-0.1374	0.2115	0.1371	0.219	0.2821	0.4642	0.2155	0.2021
PVX_091740	0.6132	0.3499	0.3792	0.2975	-0.0028	0.3886	0.2639	-0.1301	0.0228
PVX_110820	-0.0032	-0.331	-0.2023	-0.1505	-0.2104	-0.2689	0.2672	0.1733	-0.0145
PVX_092540	-0.7347	-0.4405	-0.0133	0.1226	0.4805	0.7169	0.213	-0.5796	-0.5486
PVX_116520	0.5687	0.6422	0.4254	0.2498	0.216	-0.1316	-0.3775	-0.5147	-0.0607
PVX_090890	0.9325	0.4667	0.2688	0.1583	0.002	0.5231	0.3557	-0.0481	0.1997
PVX_091325	0.8606	0.6199	0.3283	0.1462	-0.1699	-0.1536	0.1864	0.4891	0.3244
PVX_118415	0.044	-0.162	-0.2345	-0.1307	0.1271	0.8106	1.1215	0.5955	0.4
PVX_084385	0.1024	-0.5498	-0.9136	-1.4208	-0.4012	0.4397	0.9209	0.9425	0.7421
PVX_117170	0.1682	0.4182	0.5081	0.5272	0.504	0.2742	-0.8062	-1.5723	-1.5627
PVX_091290	0.4225	-0.0251	0.2076	0.6637	0.5333	0.3611	0.5829	0.1762	0.7141
PVX_119410	-0.743	-0.119	0.087	0.3239	0.4428	0.5002	-0.6986	-1.1755	-1.1651
PVX_097830	-1.2865	-0.8921	0.0065	0.4178	0.7787	0.7603	0.1604	-0.503	-1.0189
PVX_099090	-0.0046	0.1582	0.1487	0.282	0.416	0.5806	0.1955	0.0973	-0.0928
PVX_098075	0.7682	0.6046	0.3469	0.4324	0.4864	0.0648	0.71	0.9466	0.9994
PVX_113465	-0.3215	-0.1473	-0.2712	-0.153	-0.1795	-0.5228	-0.2996	-0.0569	-0.4186
PVX_118550	-1.1123	-0.8603	-0.5098	-0.1814	0.0545	0.3556	0.3755	-0.2966	-0.6468
PVX_082735	0.1649	-0.266	-0.5109	-0.5272	-0.2841	0.2532	0.1018	0.4346	0.5958
PVX_113420	0.2688	0.1735	0.1174	0.2891	0.463	-0.1114	-0.2941	-0.9449	-0.5979
PVX_002525	0.5285	0.0719	-0.1985	-0.3577	-0.2335	0.2793	0.4505	0.4023	0.1309
PVX_093550	0.6484	0.2594	0.6129	0.5839	0.841	0.6636	0.2746	0.827	0.4108
PVX_124095	-1.6228	0.0647	0.431	0.6569	0.777	0.2727	-1.063	-1.6712	-1.8255
PVX_099295	0.0352	-0.738	-0.5484	-0.0107	0.4446	0.7819	0.5984	0.3667	0.1859
PVX_001755	-0.0884	0.198	0.4092	0.5743	0.5862	0.3243	0.0781	-0.1965	-0.3
PVX_000525	-0.7148	-0.8548	-1.0959	-1.0893	0.0685	0.8191	0.68	0.2145	0.2757
PVX_098660	0.2786	0.1059	0.0248	0.1294	0.1561	0.3643	0.6249	0.7353	0.587
PVX_085960	-0.8459	-0.2394	-0.0394	0.3562	0.3979	0.6279	-0.0345	-1.0871	-1.1856
PVX_114465	-0.5214	-0.7913	-0.8473	-0.5998	0.1698	0.9821	0.9962	0.4225	0.0136
PVX_089960	0.2348	0.3984	0.6489	0.8005	0.7998	1.2268	0.7268	0.5227	0.2915
PVX_123640	-0.0994	-0.3121	-0.4858	-0.6096	-0.7232	-0.8313	-0.2912	-0.2412	-0.1372
PVX_115175	1.0146	0.6444	0.3628	0.5178	0.3847	0.1059	-0.1428	-0.2	-0.0074
PVX_000685	0.5	0.1719	0.2734	0.0862	0.4845	0.2998	0.2131	-0.0038	0.0886
PVX_119590	-0.0464	0.5979	0.7254	0.6964	0.5021	0.1836	-0.1991	-0.2409	-0.2649
PVX_121910	0.6235	0.5575	0.2711	0.0192	-0.1637	0.1548	0.2552	0.226	0.0148
PVX_080310	0.5343	-0.0195	-0.3047	-0.3248	-0.6304	-0.4286	-0.0942	0.7832	1.1863
PVX_094275	0.6604	0.5269	0.3732	-0.2242	-0.9933	-2.1453	-2.0581	0.8543	1.4237
PVX_082475	0.6436	-0.0331	-0.0304	0.3986	0.5697	0.5665	0.1569	-0.0214	0.3133
PVX_088215	-0.0684	0.18	0.027	-0.1285	-0.3637	-0.4667	-0.573	-0.439	-0.1666
PVX_089770	0.2852	0.0305	0.167	0.2838	0.4697	0.1151	-0.3409	0.0824	-0.1677
PVX_081215	-0.6115	0.3036	0.3985	0.2635	0.4616	0.046	-0.4644	-0.7034	-0.2854
PVX_088015	0.4585	0.7483	0.6834	0.3133	-0.0625	-0.5951	0.2894	0.1839	0.5794
PVX_123890	0.0462	0.1803	0.1917	0.3594	0.2184	-0.1517	-0.2543	-0.7441	-0.8231
PVX_084425	0.6725	0.1461	-0.1868	-0.6399	-0.7456	-0.6995	-0.0218	0.4799	0.803
PVX_117655	-0.2875	0.2347	0.6352	0.9678	0.8848	-0.0808	-0.2858	-0.4335	-0.3574
PVX_100695	-0.5395	-0.9606	-0.8543	-0.5811	0.0682	0.1717	-0.1214	-0.3588	-0.6002
PVX_082430	0.406	0.4987	0.3249	-0.0451	-0.042	0.1261	0.7071	1.3449	0.8388
PVX_081840	0.4857	0.5892	0.3578	0.0586	-0.7589	-0.9756	-1.0991	0.2995	0.535
PVX_113995	-0.2746	-0.1449	-0.1275	-0.2552	0.0192	0.13	0.0904	-0.3905	-0.778
PVX_098740	-0.2855	-0.1605	0.1269	0.2162	0.2941	0.0552	-0.191	-0.1674	-0.1132
PVX_114805	0.7422	0.4913	0.1338	-0.3247	-0.5917	-0.1701	0.1267	0.9401	1.2321
PVX_003645	0.9996	0.0024	-0.1602	-0.6463	-0.9385	-0.3477	0.6348	1.062	1.4289
PVX_099615	-0.2464	0.1386	0.3716	0.3769	0.153	0.1973	0.4801	0.3215	-0.0677
PVX_118200	-0.1746	0.3699	0.6038	0.5552	0.5453	-0.2489	-1.0828	-1.1793	-0.8203
PVX_094525	0.0573	-0.0165	0.2526	0.6156	0.4305	-0.1311	-0.1322	-0.2592	0.2045
PVX_094985	0.1141	0.7523	0.6298	0.6869	0.4335	-0.2144	-0.398	-0.2547	0.0228
PVX_122565	-0.4247	0.1012	0.3383	0.4606	0.4852	0.2511	-0.294	-0.5732	-0.2981

PVX_099030	0.3524	0.3293	0.4969	0.4796	0.461	0.0075	-0.1527	-0.3322	-0.1509
PVX_123870	-0.8609	-0.7939	-0.5428	-0.3084	-0.1905	-0.187	0.5664	1.0444	0.5386
PVX_092760	0.1832	-0.1008	-0.4154	-0.978	-0.9648	-0.2783	0.2727	0.9819	1.0097
PVX_113555	-0.5619	-0.3323	0.2743	0.7393	0.6163	0.7418	0.0754	-0.2391	-0.4366
PVX_089075	0.5093	0.5505	0.1088	-0.7288	-1.2854	-1.3573	-0.965	0.3493	1.5696
PVX_097935	-0.3641	-0.6082	-1.0709	-1.4401	-1.6665	-1.7565	0.4507	1.4619	1.062
PVX_094990	-1.224	-1.3078	-0.4319	0.1871	0.3904	0.419	0.1344	-0.3148	-0.3186
PVX_117510	0.7582	0.6597	0.6246	0.4897	0.5084	0.6384	-0.2306	-0.6566	-0.4776
PVX_117905	0.507	0.3685	0.2578	0.1507	0.2327	0.1704	0.096	0.0905	0.2308
PVX_101060	-0.0928	0.593	0.6862	0.6327	0.3859	0.0281	-0.491	-0.6979	-0.6948
PVX_117490	0.201	0.2101	0.309	0.4528	0.2946	0.6611	0.6135	-0.1128	-0.5148
PVX_091350	-0.6429	-0.3176	-0.6518	-0.9807	-0.5135	-0.0754	0.375	0.8339	0.6105
PVX_095095	0.3371	0.4615	0.3658	0.3611	0.2823	0.1619	0.0698	-0.1614	-0.2836
PVX_090105	-0.1043	-0.2547	0.3633	0.7764	0.6481	0.6951	0.1725	0.2599	-0.0818
PVX_117390	-0.3979	-0.0906	-0.0144	0	-0.0453	-0.2324	-0.2418	-0.3232	-0.2129
PVX_117435	0.0966	0.2379	0.2767	0.2743	0.3752	0.1471	-0.2159	-0.2162	-0.176
PVX_089090	-0.6422	-0.0085	-0.1292	-0.0121	0.3294	0.2995	0.2909	0.026	-0.1608
PVX_085550	-0.2611	0.0013	-0.0444	0.0395	0.2101	0.4443	0.089	-0.1682	-0.0999
PVX_098700	0.1204	-0.0599	-0.097	-0.0268	0.1421	0.7761	0.6717	-0.1835	-0.398
PVX_084770	0.3999	0.3274	0.4278	0.2374	0.1143	0.1939	0.1744	0.4057	0.3537
PVX_082970	0.2571	0.5104	0.5516	0.5427	0.196	0.2894	-0.2671	-0.9485	-0.8428
PVX_107740	1.6101	1.3291	0.8722	0.0948	-0.6611	-1.4245	-1.4601	-1.58	-1.1145
PVX_123375	1.0333	1.1682	1.255	0.9382	0.6063	-0.1113	-0.7733	-0.7929	-0.5208
PVX_118075	-0.0196	-0.1556	-0.3335	-0.1723	-0.2624	-0.226	0.3304	0.432	0.1021
PVX_005045	1.3295	1.1523	0.9596	0.7312	0.4913	-0.4795	-0.5421	-0.4183	0.0074
PVX_091965	0.8914	0.7237	0.5547	0.2459	-0.4065	-1.1285	-0.9319	0.5152	0.6509
PVX_118205	0.5361	0.3053	0.1879	0.0927	0.3432	-0.053	0.3001	0.3727	0.1965
PVX_091420	-0.2282	-0.3234	-0.173	0.3855	0.4794	0.2378	0.5129	0.2388	0.1364
PVX_114960	-0.4059	-0.3327	-0.5119	-0.5785	-0.5414	0.3909	1.3451	0.8334	0.3018
PVX_024690	-0.9998	-0.7134	-0.6566	-0.776	-0.8525	-0.7492	-0.6483	0.1051	-0.2684
PVX_113280	0.2556	-0.1378	-0.5387	-0.5332	-0.0292	0.145	-0.2377	0.2027	0.058
PVX_099745	-1.3587	-1.374	-1.5246	-1.2436	0.1743	1.1687	0.7459	-0.2677	-0.7125
PVX_035190	0.0946	0.852	1.0335	1.2807	1.0343	0.7331	0.0777	-0.3202	-0.7192
PVX_084560	0.6894	0.5677	0.6885	0.8287	0.8484	0.2267	-0.2923	-0.1017	-0.0612
PVX_095455	-0.69	-0.1122	0.5955	0.9157	1.0717	0.4831	-0.0929	-0.5404	-0.7448
PVX_123585	0.5673	0.4948	0.4316	0.3456	0.397	0.032	-0.2696	-0.3281	-0.112
PVX_118100	0.2608	-0.3013	-0.5023	-0.4212	-0.5733	-0.8891	-0.5457	-0.3832	-0.7507
PVX_088035	-0.245	-0.6969	-0.7062	-0.3799	0.1165	0.4906	0.3217	-0.1795	-0.3404
PVX_081605	-0.4095	-0.1836	-0.1637	-0.1083	0.0572	0.3415	-0.1375	-0.0964	-0.2432
PVX_089985	0.1993	0.0802	0.3544	0.2416	0.1688	-0.2216	-0.2843	0.0453	0.2287
PVX_114325	-0.4446	-0.196	-0.3692	0.2748	0.5128	0.4205	0.3154	0.2303	0.0162
PVX_085540	-0.1258	0.3571	0.257	0.4771	0.466	0.2523	0.1226	-0.0524	-0.0595
PVX_098860	-1.0605	-1.0977	-1.1557	-1.347	-1.1389	-0.8642	1.3897	1.0297	-0.3964
PVX_091705	-0.4084	-0.0215	0.1835	0.5506	0.3527	-0.5173	-1.1328	-1.2248	-0.7587
PVX_094920	-2.0614	-2.1643	-2.3257	-2.4012	-2.3953	0.6812	1.2332	-0.503	-1.3762
PVX_117110	0.2745	0.2261	-0.0021	-0.1261	-0.3308	-0.64	-0.6026	-0.399	-0.278
PVX_115015	-0.262	-0.0555	-0.1163	0.0361	0.0927	0.4774	0.7383	0.4654	-0.0808
PVX_091005	-0.6223	-0.0445	0.4285	0.579	0.705	-0.2579	-0.6331	-0.5021	-0.4806
PVX_098040	0.5099	0.3873	0.3505	0.0208	-0.1428	-0.3083	-0.1143	0.2763	0.8099
PVX_116720	1.404	0.4519	0.5944	0.2337	0.543	0.261	0.323	0.3584	0.617
PVX_122610	-0.061	0.4358	0.6192	0.9716	0.7331	0.5182	0.3078	-0.0676	-0.5031
PVX_089980	0.366	0.4651	0.3578	0.2032	0.2788	0.3739	0.0265	0.116	0.3845
PVX_114920	-0.4108	0.2202	0.3363	0.4768	0.5721	0.2409	-0.0919	-0.2255	-0.3172
PVX_117090	0.4251	0.4253	0.3602	0.0853	-0.01	-0.0726	0.0504	0.2099	0.427
PVX_090290	-0.2116	-0.1235	-0.1902	0.0359	-0.482	-0.6813	-0.8722	-0.7536	-0.7003
PVX_091120	0.6384	0.5486	0.6592	0.8466	0.6978	0.4103	-0.6261	-1.1705	-0.9548
PVX_081400	0.1053	0.1067	-0.077	-0.1012	-0.3122	-0.5893	-0.6645	-0.3679	-0.5216
PVX_117625	0.7373	0.053	-0.6416	-1.4131	-1.9391	-1.3276	0.4364	0.2135	-0.3505
PVX_116570	0.1605	-0.2142	-0.9044	-0.9329	-0.4856	0.3944	1.1758	0.7569	0.7293
PVX_121975	0.6625	0.3901	0.53	0.5502	0.1681	-0.2466	-0.9573	-0.7983	-0.543
PVX_084205	-0.3831	0.1078	0.1922	0.2217	0.1599	0.2856	-0.0957	-0.5068	-0.7522
PVX_003910	0.5569	0.3348	0.2799	0.3568	0.5219	0.5173	0.2617	0.1378	0.0483
PVX_083000	0.128	0.292	0.3989	0.2287	0.2769	0.1167	-0.5352	-1.1195	-1.0309

PVX_118690	-0.0641	-0.0449	-0.3787	-1.3668	-2.2681	-2.1493	-1.1977	1.1777	1.1836
PVX_084290	-1.0031	-0.5209	-0.9033	-1.1389	-1.1929	-0.014	1.0396	1.1686	0.893
PVX_118695	1.4086	0.8872	0.5794	0.3411	0.0293	-0.2475	-1.1735	-1.4492	-0.8383
PVX_113355	-0.5496	-0.8504	-0.8708	-0.6226	0.0747	1.0038	1.2206	0.3928	-0.1653
PVX_081580	0.2392	-0.2253	-0.33	0.0888	0.2641	0.0315	0.3613	0.5328	0.35
PVX_092425	-0.1307	-0.1886	-0.6284	-0.8099	-0.9361	-0.6666	0.6968	1.1344	0.6593
PVX_084785	-0.0606	0.073	0.3897	0.6169	0.5803	0.0538	-0.5114	-0.4278	-0.5167
PVX_085990	-0.3187	-0.5719	0.0469	0.5281	0.5233	0.1602	-0.31	-0.1648	0.195
PVX_099585	-0.0448	-0.6405	-1.2502	-1.5463	-1.7805	-0.2249	1.2124	0.6331	0.7655
PVX_121970	0.3605	0.4851	0.2828	0.1333	0.1061	0.0805	0.1297	-0.2283	-0.1162
PVX_117790	-0.0356	0.4015	0.5683	0.8911	0.5144	-0.2832	-0.9191	-0.7495	-0.485
PVX_085635	0.2099	0.1795	0.0836	0.1897	0.2152	0.0979	0.0061	0.3757	0.6029
PVX_097755	-0.3243	-0.4727	-0.0979	0.2091	0.1663	-0.122	0.1059	1.3712	1.121
PVX_094680	0.2143	0.4238	0.2547	0.306	0.2485	-0.1526	-0.2189	0.0846	0.5966
PVX_080645	0	0.6758	0.955	0.6748	0.462	0.0597	-0.4267	-0.396	-0.2535
PVX_122390	0.7579	0.7288	0.5758	0.806	0.4417	0.4378	-0.1991	-0.4921	-0.4744
PVX_099740	0.4174	-0.0633	0.0573	0.0692	0.2224	0.2502	-0.0464	0.333	0.5849
PVX_100920	0.4513	0.0864	-0.0376	-0.3943	-0.6417	-0.5714	-0.0854	0.7028	0.797
PVX_111155	-0.148	0.1333	0.1136	-0.0678	0.0506	0.177	-0.1692	-0.6449	-0.6372
PVX_087800	-0.2386	-0.5234	-0.8135	-0.9386	-1.0559	-0.6154	1.0629	0.961	0.6673
PVX_081650	0.3395	0.7738	0.6528	0.5679	0.3069	0.172	-0.4958	-0.6783	-0.7657
PVX_112705	0.903	0.6836	0.3353	0.0989	-0.3527	-0.295	-0.0491	0.3531	-0.082
PVX_094335	-0.0748	-0.4495	-0.3851	-0.3086	-0.336	0.1072	0.1779	-0.0417	0.1923
PVX_117620	0.2774	0.341	0.343	-0.0146	-0.2828	-0.1349	-0.3417	0.2409	1.0036
PVX_099005	0.3144	0.1477	-0.1457	-0.3366	-0.2372	0.0964	-0.0252	-0.2273	-0.1185
PVX_091100	-0.0625	-0.4246	-0.105	0.0834	0.5347	0.4807	0.1362	-0.0859	0.1414
PVX_097610	-0.195	0.2078	0.374	0.3521	0.247	-0.3988	-1.0046	-0.6349	-0.1046
PVX_086990	-0.2036	0.0168	0.148	-0.0585	-0.0465	0.0201	-0.0871	-0.2063	-0.2483
PVX_092545	0.3322	0.3557	0.4758	0.4573	0.5859	0.6989	0.0729	-0.272	-0.3986
PVX_100010	-1.0991	-0.5098	-0.3375	-0.4771	-0.4627	-0.5286	-0.3888	-0.4127	-0.3576
PVX_089735	-0.6555	0.5196	0.8291	0.7728	0.5858	-1.1274	-1.5358	-1.5013	-1.1431
PVX_123830	-0.6369	-0.0622	0.1366	-0.0559	0.1085	-0.1672	-0.3798	-0.6548	-0.6691
PVX_092150	0.1829	0.3888	0.5806	0.5931	0.4981	0.0348	-0.3138	-0.5319	-0.6336
PVX_115090	-1.3085	-1.1735	-1.1902	-0.0137	0.86	0.7617	0.2556	-0.2184	-0.3661
PVX_100655	0.4948	0.2144	0.6243	0.6499	0.6064	0.4616	0.3226	0.1788	0.3503
PVX_118460	0.6979	-0.2534	-0.6699	-1.4281	-1.4446	-1.2308	-0.1581	0.6345	1.4622
PVX_089170	-0.6263	-0.4848	-0.4226	-0.2102	-0.138	0.6685	0.2183	-0.9012	-1.3223
PVX_082525	0.341	0.6707	0.7243	0.4581	0.4744	0.2501	-0.5278	-1.0084	-0.9587
PVX_090055	0.2135	0.2377	0.2592	0.1894	0.4864	0.4114	0.3606	0.287	0.238
PVX_084900	-0.2606	-0.4962	-0.939	-0.9746	-1.2703	-0.6297	0.6908	0.6743	0.4336
PVX_015135	-1.5353	-0.8287	-1.2342	-1.0676	-0.5128	-0.7727	-0.9306	-0.8587	-0.8883
PVX_000945	-0.0069	-0.2524	-0.4488	-0.5681	-0.923	-0.9681	0.9127	0.9321	0.304
PVX_114070	0.15	-0.2455	-0.1675	-0.0096	0.3661	0.8057	0.5506	0.1518	0.1811
PVX_090935	-0.8477	-1.4851	-1.7557	-1.6839	-0.4815	0.3229	1.2426	0.7335	0.1537
PVX_087960	0.4927	0.4812	0.1669	-0.4723	-0.1656	-0.112	-0.0773	0.5477	1.1979
PVX_096200	0.8727	0.3788	0.2208	-0.0624	-0.3018	0.168	0.27	0.6825	1.0689
PVX_086850	0.8669	0.1282	-0.3921	-0.7625	-1.1146	-0.9451	-1.0323	-0.5889	-0.2689
PVX_119535	-0.9674	-0.9798	-1.0163	-0.8292	-0.5474	-0.2346	0.1698	1.4446	0.9859
PVX_117215	0.8182	0.9447	0.7707	0.7388	0.4359	-0.3551	-0.8387	-0.8299	-0.6252
PVX_093620	0.1651	0.3394	0.6408	0.7275	0.6011	0.3879	0.6555	0.6307	0.0306
PVX_092260	1.0598	0.5184	0.6588	0.3652	0.3738	0.2702	-0.3353	-0.3108	-0.0795
PVX_095465	0.3503	-0.2775	-0.2774	0.1442	0.2434	-0.0766	0.4206	0.5448	0.7884
PVX_091430	-0.0106	-0.0896	-0.4092	-0.3486	-0.0929	-0.3721	0.5331	0.6757	0.4663
PVX_085245	0.0722	0.0923	0.2084	0.2311	0.3846	0.3465	0.3903	0.0559	0.2086
PVX_099785	-0.5039	-0.3665	0.2026	0.3112	0.3186	0.6138	0.5953	0.0703	-0.0037
PVX_087851	-0.511	-0.9055	-0.6838	-0.1565	0.1323	0.1452	0.0143	0.3289	0.0846
PVX_123365	0.9453	0.39	-0.091	-0.539	-0.0812	0.1947	0.5051	0.8694	1.0647
PVX_101075	-0.7666	-1.1537	-1.6442	-1.2998	-0.2274	0.6406	0.8751	0.4386	0.1322
PVX_122735	0.0885	0.0157	-0.1287	-0.5066	-0.5497	0.4549	0.3061	0.1745	0.697
PVX_085240	-0.1618	-0.0031	-0.0796	-0.1494	-0.0901	0.432	0.3665	0.1383	-0.0422
PVX_092360	0.2867	0.0847	0.0918	0.0409	0.1321	0.0534	0.1452	0.5073	0.662
PVX_093560	-0.4815	-1.1153	-1.2407	-0.1392	0.7964	0.6215	0.1129	-0.4479	-0.3584
PVX_084715	-0.183	0.2097	0.5033	0.8212	0.4815	0.3935	0.2921	0.134	0.0875

PVX_068690	0.4887	0.1103	-0.0915	-0.0908	-0.05	-0.2223	-0.1532	-0.1444	0.2078
PVX_119560	0.3627	0.3858	0.5043	0.3708	0.3364	0.2511	-0.1936	-0.3141	-0.0159
PVX_079700	0.315	-0.4417	-0.6698	-0.4833	0.088	0.3468	0.399	0.6334	0.6355
PVX_111125	0.3487	-0.2735	-0.3749	-1.1035	-1.0487	-1.1884	-0.5043	0.4811	1.2977
PVX_092945	0.298	0.1236	-0.0809	-0.3538	-0.4122	-0.4292	-0.0929	0.7064	1.2805
PVX_002960	0.1132	-0.0904	-0.1025	-0.2322	0.4167	0.7653	0.5578	0.4305	0.4901
PVX_097565	0.0012	0.3791	0.3454	0.4783	-0.0091	-0.1163	-0.4983	-0.5256	-0.2313
PVX_114355	-0.6824	-0.5888	-0.8787	-0.8606	-1.0552	-1.0649	0.3227	1.2197	0.8376
PVX_119645	-0.1931	0.0998	0.1176	0.0743	0.064	-0.1735	-0.1481	-0.0688	-0.297
PVX_099155	-0.2607	0.0653	0.0698	0.0161	-0.0657	0.1379	0.0125	0.1595	0.0518
PVX_003780	-0.3905	-0.042	-0.0895	-0.2722	-0.6285	-1.0677	-0.0183	0.8035	0.5716
PVX_118265	0.9663	0.0703	-0.3142	-0.8353	-0.9424	-0.5237	0.3618	1.0019	1.1573
PVX_101300	-0.1383	-0.3693	-0.4452	-0.4361	-0.2903	-0.1563	-0.3865	0.1024	0.0904
PVX_124125	0.1448	-0.5039	-0.6528	-0.1457	0.3776	0.4207	0.8151	1.0256	1.0216
PVX_101175	0.4642	-0.1806	-0.4322	-0.5107	-0.3219	-0.4132	0.1793	0.6468	1.0716
PVX_114725	0.6483	0.2075	0.369	-0.0155	0.4543	0.2774	0.3797	0.3588	0.3033
PVX_118195	1.0039	0.4738	0.1781	0.1105	0.246	0.4234	0.1676	0.1689	0.4303
PVX_089615	0.3554	0.2204	0.0823	-0.0444	-0.1909	-0.0341	1.0341	0.7285	0.0932
PVX_084230	-0.1516	0.3094	0.5289	0.4341	0.5469	0.8059	0.0055	-0.8663	-0.6089
PVX_122005	0.1798	0.4077	0.4595	0.142	0.2413	0.1762	-0.0552	0.0949	0.2315
PVX_116635	0.727	0.761	0.7252	0.6653	0.6868	0.2018	-0.0626	-0.1038	-0.2185
PVX_081455	0.2804	0.3431	0.5278	0.659	0.8374	1.2484	0.2928	-0.3432	-0.4567
PVX_003880	-0.1298	0.1844	0.5218	0.4879	0.4365	0.0674	-0.3189	-0.4633	-0.6496
PVX_093535	0.2544	0.3481	0.44	0.4786	0.4801	0.5116	0.4247	0.182	-0.082
PVX_097675	-1.363	-1.632	-1.6902	-1.9671	-1.9914	-0.4911	0.8183	1.1725	0.5057
PVX_080250	-0.2932	0.1117	0.2343	0.413	0.2771	0.2814	-0.1628	-0.4952	-0.5499
PVX_122340	-1.3443	-1.5549	-1.7914	-1.8377	-1.7	-1.6666	1.2606	1.3332	0.301
PVX_122445	-1.1553	-0.4006	0.3996	0.4059	0.281	0.2245	0.1459	-0.4116	-0.5752
PVX_080525	-0.703	0.3957	0.6186	0.9573	0.7229	0.0358	-0.6854	-0.395	-0.4111
PVX_114045	0.2426	-0.2383	-0.2339	-0.4848	-0.342	0.3585	-0.0249	-0.2246	-0.3557
PVX_082825	-0.3068	0.2541	0.4102	0.5406	0.4716	0.3192	-0.4714	-0.4802	-0.6364
PVX_085695	-0.0989	-0.0798	-0.4137	-0.4148	-0.1833	-0.3793	-0.2452	0.4141	0.2264
PVX_003740	-0.3524	-0.3019	-0.2385	0.1924	0.2619	0.0073	-0.03	0.1475	-0.1174
PVX_118685	0.1955	0.9339	0.4035	-0.2628	-1.3294	-1.323	-0.9545	0.4022	1.1009
PVX_087980	0.851	0.1791	-0.1834	-0.4151	-0.5891	-1.4019	-1.2013	0.1557	0.3004
PVX_089050	-0.6477	-0.4525	-0.6438	-0.2036	0.809	0.8699	0.2905	-0.229	-0.1865
PVX_096185	0.5367	0.4367	0.0931	-0.4949	-0.7339	-0.6147	0.262	0.7144	1.4122
PVX_123480	-0.3301	0.2166	0.4557	0.5374	0.4587	0.1559	-0.3179	-0.3168	-0.3572
PVX_089885	0.0085	-0.1648	-0.2023	-0.2887	-0.1909	-0.5657	-0.3746	0.8551	0.8039
PVX_081645	0.3727	0.4673	0.3799	0.4375	0.2053	0.04	-0.5895	-0.0169	0.0721
PVX_117120	-0.2448	-0.211	0.0216	-0.0243	-0.1397	0.1252	0.2051	-0.139	-0.0564
PVX_084260	0.2493	-0.1329	-0.4788	-0.8156	-0.8216	-0.8349	-0.4417	-0.1143	0.9239
PVX_095260	-0.3507	0.3142	0.1828	0.0472	-0.0083	-0.5658	-0.9045	-0.9698	-0.9772
PVX_118145	0.3426	0.4777	0.5312	0.5377	0.5186	0.0124	-1.3036	-1.8559	-1.6751
PVX_091415	0.9646	0.4528	0.1699	-0.0619	-0.4103	1.0307	0.1966	-0.132	-0.5121
PVX_098980	-0.0534	-0.7046	-0.6584	0.1241	0.878	0.172	0.0064	-0.0405	0.1976
PVX_114165	-0.3433	0.0096	0.2348	0.3464	-0.0759	-0.2195	-0.2783	-0.3276	-0.4611
PVX_089855	1.6254	0.8944	0.4134	0.0052	0.1977	-0.2801	-0.4909	-0.2119	0.2333
PVX_101290	-0.473	-0.4011	0.0189	0.6143	1.1774	0.764	0.2913	0.1515	0.1126
PVX_081200	-0.0571	-0.3366	-0.4195	-0.3615	-0.5538	-0.8192	-0.809	-0.8592	-0.6121
PVX_118390	-0.356	-0.2097	0.1869	0.4989	0.7842	0.3712	0.1205	0.0059	0.0424
PVX_092915	-0.2232	-0.4973	-0.14	-0.0407	-0.0789	-0.2963	-0.175	0.0747	0.0071
PVX_114790	0.5104	0.5041	0.2943	0.1293	0.1169	-0.0407	0.1514	-0.0953	-0.032
PVX_088890	-0.5571	0.3422	0.5791	0.5573	-0.1957	-0.9643	-0.9331	-0.7533	-0.5248
PVX_118545	-1.4235	0.2668	0.6552	0.9855	1.0755	-0.0996	-1.271	-1.6127	-1.6092
PVX_090855	0.0517	-0.1392	-0.1648	-0.0862	-0.4303	-0.0173	-0.0118	0.367	0.4269
PVX_112115	0.415	0.2897	0.4711	0.584	0.2407	0.1221	-0.2548	0.9861	1.1649
PVX_123283	0.816	0.7992	0.3784	-0.0212	-0.2261	-0.3434	0.217	1.0852	1.1123
PVX_084100	0.3012	0.7453	0.6542	0.7411	0.3589	-0.2463	-0.908	-0.889	-0.5763
PVX_005060	0.9167	1.6586	1.4606	1.141	0.2559	-0.8058	-0.997	-0.5995	-0.5242
PVX_113810	0.2266	0.7422	0.5958	0.6838	0.9077	0.6302	0.2833	0.2939	0.0617
PVX_091990	-0.6344	-0.7887	-1.2849	-1.1006	-0.0098	0.795	0.7049	0.6488	0.3647
PVX_083170	-0.0054	-0.8223	-0.9582	-0.7899	-0.3234	0.435	0.0979	-0.1285	0.5343

PVX_117400	0.0332	-0.1581	-0.4228	-0.7293	-0.3546	-0.0411	0.4429	0.7212	0.5305
PVX_117635	-0.4197	-0.4396	-0.0291	0.8598	0.7236	0.6512	0.2905	-0.2948	-0.3433
PVX_122175	0.4115	0.4056	0.3974	0.2761	0.3642	0.1119	0.2473	0.1526	-0.1152
PVX_080665	0.4407	0.2958	-0.029	0.0684	0.1541	-0.1408	-0.0233	0.0398	0.4824
PVX_086020	0.237	0.2066	0.387	0.361	0.2272	-0.222	-1.1144	-1.6643	-1.6202
PVX_117360	0.1724	0.618	0.6962	0.8138	0.7216	0.4439	0.0088	-0.3099	-0.7057
PVX_114575	0.2825	0.1552	-0.0834	-0.0098	0.0163	0.584	-0.4116	-0.5002	-0.0998
PVX_087720	-0.5358	-0.8233	-1.1272	-1.4666	-1.5613	-0.1781	0.938	0.7391	0.5302
PVX_122940	0.2593	-0.0564	-0.0223	0.0406	-0.2004	0.0769	0.511	-0.0131	-0.1305
PVX_123610	0.3223	0.3312	0.2771	0.421	0.2858	0.5041	-0.2819	-0.664	-0.8762
PVX_003770	-1.0117	-0.3108	-0.0953	-0.116	-0.0019	0.0766	-0.3423	0.1087	-0.2803
PVX_123295	-0.3557	-0.6209	-0.2763	0.1942	0.4027	0.5179	0.7314	0.2289	-0.0999
PVX_114280	-0.8318	-0.7552	-0.5635	-0.1196	0.4507	0.7082	0.3317	-0.0417	-0.2712
PVX_114615	0.2233	-0.7078	-1.037	-0.4457	0.4034	0.7092	0.3806	0.424	0.6851
PVX_082670	0.6415	0.1487	-0.2489	-0.7443	-0.8941	-0.5569	-0.1562	0.2799	0.8068
PVX_080670	-0.5668	-0.7349	-0.8505	-0.8621	-0.1021	0.7691	0.6302	0.0693	0.1156
PVX_114745	0.5076	0.5287	0.1963	0.4456	0.0271	0.2444	0.1541	-0.3308	-0.1663
PVX_123210	0.4795	0.367	0.3328	0.3509	0.468	0.6911	-0.2479	-0.7936	-0.9877
PVX_101000	0.9438	0.6633	0.4108	0.0613	-0.2495	-0.2607	-0.4138	-0.0249	0.7565
PVX_082760	-0.5436	-0.3892	-0.0484	0.1504	0.3229	0.5287	0.3193	0.0619	0.4063
PVX_097745	-1.4469	-1.8073	-2.0619	-1.5901	-0.8194	0.6835	0.9566	0.2283	-0.3704
PVX_080450	0.3748	0.5576	0.461	0.44	0.418	0.1426	-0.2568	-0.2235	-0.3497
PVX_079965	0.3148	0.2343	0.5601	0.8355	0.3183	0.1433	0.1791	0.3898	0.4189
PVX_099965	-0.3569	0.2843	0.3762	0.4233	0.2879	-0.2159	-0.5742	-0.5578	-0.3367
PVX_089725	-0.7194	-0.2749	-0.2367	-0.3051	-0.2175	0.2863	-0.0651	-0.4292	-0.2783
PVX_081410	0.0719	0.2742	0.287	0.4388	0.2846	-0.0999	-0.2259	-0.2465	-0.1769
PVX_091830	-0.2093	0.1168	0.0019	-0.0714	-0.3454	0.2265	0.6245	0.1528	-0.1152
PVX_090900	-0.1745	0.0206	0.0864	0.1646	0.3277	0.6096	-0.0488	-0.9531	-1.1696
PVX_096115	0.2538	-0.5154	-0.4978	-0.2775	0.182	0.6578	0.8044	0.7117	0.7198
PVX_122385	1.0255	0.0055	-0.6366	-1.3158	-1.7323	-1.5408	0.1878	1.0842	1.6288
PVX_099845	-0.608	-0.59	-0.4791	-0.1483	0.0604	0.0459	0.088	-0.154	-0.3201
PVX_082995	-0.0639	0.2176	0.1404	0.0253	0.0398	0.1928	0.2848	-0.1558	-0.157
PVX_091450	0.0305	0.523	0.6987	0.761	1.0003	0.4482	0.0626	-0.2833	-0.3101
PVX_091865	0.5597	0.5955	0.5721	0.3251	0.3685	0.2833	-0.4713	-0.8636	-0.6137
PVX_113265	0.1595	0.0362	0.0449	-0.1287	0.3037	0.1161	-0.062	0.2311	0.4157
PVX_099275	0.2283	0.4113	0.4834	0.5389	0.6452	0.1835	0.0916	0.189	0.099
PVX_080050	0.4635	0.4601	0.4469	0.5609	0.5721	0.0448	-1.0244	-1.379	-1.1564
PVX_099760	0.115	-0.114	-0.4501	-0.488	0.1441	0.4193	0.1415	0.4422	0.6855
PVX_094805	-0.9309	-0.3873	-0.2053	-0.176	0.1222	0.5	0.4731	-0.2122	-0.4965
PVX_091260	-0.1525	-0.2077	-0.1698	-0.1403	0.1319	0.3588	0.1973	0.1165	0.5511
PVX_083585	-0.0797	-0.0834	-0.2535	-0.5478	-0.3951	-0.3645	-0.2766	0.0971	0.299
PVX_123905	0.4078	0.3084	0.2108	0.1203	0.2339	0.2876	0.3308	0.1773	-0.194
PVX_099915	0.25	0.3981	0.2813	0.2246	-0.0233	0.2075	0.2523	-0.2675	-0.6434
PVX_117640	-0.0861	-0.4771	-0.8734	-0.6025	0.2357	0.7292	0.3045	0.1516	0.413
PVX_117140	0.7193	0.5517	0.1991	-0.4489	-0.5734	-0.8149	-0.1931	0.75	1.5503
PVX_099400	0.8858	0.8221	0.5898	0.3134	0.0142	-0.19	-0.2055	-0.4025	-0.3589
PVX_099355	-0.3855	-0.0993	-0.0898	0.2213	0.7489	0.6413	0.3503	-0.2828	-0.1737
PVX_117410	-0.9035	-0.4804	0.3029	0.5071	0.2041	0.8956	0.4304	-0.4144	-0.6337
PVX_089300	-0.2381	-0.1722	0.0185	0.0804	0.0263	-0.2505	0.2192	0.1636	-0.1659
PVX_002955	-0.7426	-0.6514	-0.8661	-1.0002	-0.2988	0.15	0.4659	0.1452	-0.0511
PVX_001700	-0.8429	-0.713	-0.4428	-0.3062	0.1193	-0.1773	-0.0851	1.0585	0.8757
PVX_094925	0.8874	-0.0987	-0.325	-0.463	-0.3915	-0.2371	0.5509	1.1763	1.4767
PVX_117860	0.3792	0.2426	0.0801	0.0235	0.0701	0.1998	0.0511	-0.4358	-0.2197
PVX_120845	0.8577	0.8901	0.7466	0.6487	0.0435	-0.4513	-0.8113	-0.7382	-0.4072
PVX_089035	-0.5287	-0.3779	-0.333	-0.2664	-0.0318	0.0325	0.2656	0.3188	0.0516
PVX_119785	-0.4513	-0.5569	0.1189	0.4728	0.6507	0.3341	-0.0258	-0.2576	-0.1929
PVX_114055	0.0021	0.5966	0.5554	0.4768	-0.0075	-0.6358	-0.8648	-0.9326	-1.0231
PVX_092685	-0.1948	0.1294	0.4848	0.7445	0.9381	0.5731	0.2006	0.0528	0.0734
PVX_101570	0.5729	0.2004	0.0139	-0.4103	0.1697	-0.1273	-0.0415	1.2382	1.1138
PVX_085195	0.3747	0.2788	0.4084	0.4076	0.4293	0.3424	0.0857	-0.3917	-0.5159
PVX_083410	0.1752	0.2658	0.3868	0.1422	0.0955	0.2916	-0.3271	-0.8378	-0.4064
PVX_092400	0.4838	0.3423	0.4382	0.2499	0.1325	0.0397	-0.2244	-0.5944	-0.5775
PVX_118155	-0.2247	-0.4196	-0.2497	0.1806	0.5219	-0.0157	-0.287	-0.1588	-0.1099

PVX_122930	-1.0247	-1.1581	-1.2532	-0.997	-0.8388	0.1169	1.0554	0.5205	-0.4546
PVX_117085	0.7418	-0.0013	-0.1434	-0.0113	-0.1074	0.0135	0.1163	0.5448	1.1194
PVX_089385	-0.1862	-0.3262	-0.6371	-0.9844	-1.1748	-1.0451	0.6908	0.8956	0.9407
PVX_113720	0.6224	0.3614	0.1819	0.14	-0.1023	0.0601	0.3961	0.7882	1.1484
PVX_079820	0.6394	0.5623	0.3983	0.3263	0.1288	0.2478	0.2108	0.3652	0.432
PVX_092005	0.142	0.0617	-0.0014	-0.2389	-0.2519	-0.2052	0.5416	0.6598	0.3064
PVX_082845	-0.4619	0.0333	0.2238	0.2783	-0.0147	0.5377	0.1633	-0.5076	-0.805
PVX_094590	0.1901	0.3672	0.1931	0.0831	-0.0024	0.1093	-0.7471	-1.1329	-0.9694
PVX_118055	0.6314	0.5059	0.4137	0.316	0.0628	-0.0447	-0.8221	-1.1547	-0.9724
PVX_113330	-0.3465	0.6563	0.9051	0.8678	0.6285	0.0586	-0.6062	-0.9257	-0.9786
PVX_114870	0.4782	1.2092	0.9365	0.7741	0.034	-0.8068	-1.2791	-1.5355	-1.2724
PVX_088915	0.6972	-0.0072	-0.3464	-0.7686	-0.7901	-0.8562	-0.1672	0.5744	0.7815
PVX_085935	-0.159	-0.194	-0.1178	-0.1081	0.0689	0.2227	0.0144	-0.2802	-0.4456
PVX_080535	-0.4371	-0.4377	-0.2432	-0.1309	0.1668	0.5659	0.476	0.3899	0.0058
PVX_123380	0.4363	0.2101	-0.0221	-0.2312	-0.3318	-0.0667	-0.2547	-0.7058	-0.4634
PVX_122240	0.9293	0.4503	0.5287	0.7053	0.8107	-0.6059	-1.2188	-1.2092	-1.164
PVX_099075	0.0665	0.3823	0.4014	0.4195	0.5372	0.2447	-0.265	-0.2402	-0.298
PVX_123035	0.9514	0.3512	0.0353	-0.5478	-0.9429	-0.8406	-0.3907	0.2939	1.1403
PVX_083330	0.6963	-0.1433	-0.5001	-0.4207	-0.4589	-0.5351	0.202	0.9145	1.0956
PVX_003860	0.2277	0.2336	0.1725	0.0764	0.1892	0.1953	-0.6208	-0.4807	-0.6406
PVX_099525	-0.2395	0.2261	0.4333	0.88	0.9597	-0.1211	-0.2558	-0.3688	-0.493
PVX_079875	1.0223	0.6875	0.382	0.4281	0.4763	0.0225	0.2367	0.5176	0.7253
PVX_114650	-0.7588	-0.9237	-1.1582	-1.3557	-1.6189	-0.6648	1.3455	1.0603	0.167
PVX_098680	-1.9395	-0.8518	-0.576	-0.1588	0.0406	1.6269	0.5408	-0.6623	-1.3255
PVX_001850	-0.3725	-0.4381	-0.0508	0.077	0.0374	0.6397	0.814	0.3405	0.1714
PVX_118235	0.3558	0.5291	0.4654	0.6397	0.3067	0.6139	0.1543	-0.6207	-0.7597
PVX_092625	-0.1401	-0.0629	-0.02	-0.0689	-0.0809	0.068	0.489	0.2659	-0.1621
PVX_094605	-1.0045	-1.1096	-0.6106	0.421	0.6796	0.8275	0.2335	-0.4903	-0.7957
PVX_096235	-0.121	0.2653	0.4368	0.3563	0.4443	-0.0491	-0.4594	-0.6569	-0.3954
PVX_119520	-0.2907	-0.6364	0.1606	0.6667	0.9015	0.3002	-0.1161	-0.034	-0.1426
PVX_101350	0.5953	-0.0168	-0.4425	-0.6665	-0.6307	-0.4708	0.2576	0.6464	0.871
PVX_113535	-0.2723	0.246	0.2635	0.2891	0.1042	0.4518	0.0297	-0.3769	-0.539
PVX_002875	0.1273	0.409	0.3575	0.1995	0.0462	-0.0959	-0.4229	-0.7582	-0.4101
PVX_119270	-0.1735	-0.3819	-0.2493	0.2946	0.7426	0.6829	-0.4117	-0.936	-0.763
PVX_086970	0.1814	-0.0616	-0.199	-0.1856	-0.219	-0.3135	0.4724	0.5937	0.3512
PVX_097600	-0.7459	-0.1381	0.1871	0.4945	0.5789	0.4203	-0.1782	-0.8688	-0.8978
PVX_096305	-0.0481	0.1646	0.3845	0.6127	0.8231	0.3411	0.0128	0.1101	0.1564
PVX_002905	0.4884	0.3678	0.4051	0.3544	0.2992	0.5048	0.2312	-0.1521	-0.4886
PVX_099080	-1.2971	-0.5691	-0.2274	0.2328	0.549	0.3671	-0.5779	-0.6952	-0.294
PVX_096245	-0.9081	-0.7362	-0.7358	-0.9472	-1.0591	-1.062	0.905	1.0236	0.1532
PVX_115230	-0.2477	0.0534	-0.0811	-0.032	0.0285	0.0249	0.0883	-0.2286	-0.3589
PVX_002935	-0.3558	0.3379	0.7099	0.69	0.8322	0.5356	-0.0144	-0.3363	-0.2157
PVX_093605	0.4375	0.1823	-0.1116	-0.0111	0.5544	0.4652	0.5618	0.9532	0.802
PVX_100900	0.6694	0.5994	0.2783	0.264	0.3858	0.4726	0.2736	0.4611	0.5954
PVX_081345	-0.4266	0.0709	0.2926	0.4071	0.5063	0.7416	0.1693	-0.4447	-0.8456
PVX_092280	0.6176	0.6722	0.7623	0.9009	0.3999	-0.0184	-0.5743	-0.5121	-0.4181
PVX_114225	0.3292	0.2357	0.3117	0.2596	-0.0853	-0.0604	0.2456	0.1719	0.0937
PVX_092905	0.486	0.1197	-0.1691	-0.6663	-1.023	-0.9655	-0.6391	0.4594	1.2889
PVX_116505	-0.6344	-0.1289	-0.1065	-0.2379	-0.0508	0.2454	0.83	0.5122	0.3994
PVX_089175	-0.7923	-0.2431	-0.1142	0.1755	0.158	-0.0103	-0.5048	-1.3301	-1.2054
PVX_116790	1.0901	0.6784	0.5024	0.3705	-0.0359	-0.021	-0.2237	-0.0409	0.0583
PVX_122475	-0.281	-0.7549	-1.0464	-0.763	0.1828	0.6989	0.1094	0.1037	0.4038
PVX_000785	0.4725	0.4732	0.32	0.4545	0.2641	0.1042	-0.1003	-0.0944	-0.322
PVX_085745	-0.235	-0.2354	-0.3196	-0.316	-0.2587	-0.4447	-0.4063	-0.2769	-0.3544
PVX_123570	0.4263	0.0041	-0.3895	-0.5276	-0.6794	-0.5619	0.2304	0.5769	0.2776
PVX_002670	0.0223	0.0508	-0.0713	-0.1227	-0.0171	-0.0164	-0.2352	-0.1231	0.1512
PVX_122360	-0.7138	0.0735	0.1872	0.3	0.3215	0.3369	-0.4894	-0.5659	-0.4617
PVX_079950	0.6241	0.3492	0.2057	-0.1245	-0.4156	-0.6649	0.4164	0.8503	1.4503
PVX_095430	-0.6221	-0.2276	0.1356	0.5621	0.3969	-0.1114	-0.4372	-0.1895	0.0135
PVX_115335	-0.6999	-0.5523	-0.8216	-1.1814	-1.2591	-0.0432	0.4868	0.4125	0.4997
PVX_086295	0.2726	0.2846	0.4323	0.3399	0.2074	0.2223	-0.1643	-0.3983	-0.4034
PVX_097870	0.2665	-0.0916	0.4194	0.6296	0.3914	0.2647	0.0989	-0.0175	-0.0647
PVX_099375	-0.2331	-0.8401	-1.1236	-1.2815	-0.9692	-0.6786	0.291	1.004	0.4775

PVX_083265	0.5656	0.275	0.1916	0.1727	-0.0117	0.3463	-0.046	-0.1132	0.1098
PVX_083225	-0.0334	0.091	0.1729	0.1605	0.2233	0.5572	-0.0316	-0.5336	-0.5654
PVX_097760	0.0933	0.3673	0.3269	0.1068	0.039	-0.0361	-0.6084	-1.3039	-1.0279
PVX_114060	-0.1663	0.2864	0.6774	0.7546	0.6484	0.0126	-0.2309	-0.3413	-0.3237
PVX_090215	-0.0638	-0.4609	-0.7675	-1.5723	-1.5482	-0.7985	1.3193	1.3921	1.0871
PVX_113620	-0.2232	-0.0197	0.0939	-0.0723	-0.1062	-0.1287	0.1099	-0.071	-0.1889
PVX_090180	0.3003	-0.2227	-0.4903	-0.5991	0.1645	0.5103	0.5149	0.588	0.6561
PVX_118560	-0.424	-1.1406	-0.6669	-0.1532	0.1471	0.3874	0.2586	-0.1124	0.245
PVX_080065	0.1373	-0.1348	0.2646	0.4841	0.2544	-0.2044	-0.2887	-0.5548	-0.0716
PVX_081785	-0.6423	-0.1414	0.0403	0.2493	0.7498	0.2637	0.3866	0.1027	0.0096
PVX_083420	-1.5826	-1.7649	-1.8945	-1.4404	-1.4389	-0.8155	1.3813	1.0386	-0.1173
PVX_114710	0.0915	1.0077	0.7819	0.6276	0.0517	-0.7936	-0.6894	-0.6973	-0.7048
PVX_118020	-0.5522	-0.7927	-0.7831	-0.5734	0.1531	0.799	0.5049	0.2272	-0.0842
PVX_000750	0.6275	0.083	-0.2603	-0.4579	-0.3489	-0.2052	0.4464	0.6239	1.0496
PVX_111315	-0.9741	-0.8117	0.0369	0.4326	0.5653	0.0665	-0.4803	-0.4235	-0.1717
PVX_115460	0.0693	-0.0877	-0.272	-0.1814	-0.2721	-0.1228	-0.5007	-1.2318	-1.1775
PVX_001080	0.4203	0.0655	0.1364	0.175	0.1218	-0.1295	-0.762	-0.8841	-0.5566
PVX_087055	-0.4535	-0.0136	0.1631	0.0095	-0.2467	0.2997	0.4536	0.2773	-0.1515
PVX_003840	-0.0514	-0.0814	-0.058	0.0596	-0.0243	-0.0421	0.0814	-0.3508	-0.5986
PVX_014625	1.0744	0.6937	0.6659	0.2163	0.1544	0.3745	-0.1145	0.0437	0.1639
PVX_101005	0.4394	0.6083	0.6354	0.5685	0.5039	-0.2171	-0.7806	-0.9515	-0.8473
PVX_094430	-0.4983	-0.455	-0.3685	-0.2569	0.1668	0.4998	0.1858	-0.1295	-0.3684
PVX_113380	-0.3187	0.0423	0.0552	0.0649	-0.1186	0.0336	-0.3465	-0.3655	-0.5366
PVX_100755	0.059	-0.0172	-0.1272	-0.0135	0.035	-0.1405	0.0481	-0.0915	0.0698
PVX_101385	0.1277	0.0244	0.0047	-0.0545	-0.0752	-0.0603	0.1785	-0.1688	-0.4911
PVX_087080	-0.8019	-0.981	-0.8643	-0.6178	-0.2328	0.5326	0.2982	0.083	-0.6347
PVX_081385	0.2078	-0.1029	-0.0448	-0.0782	0.0009	0.0778	0.4803	0.9393	1.0457
PVX_089820	-1.469	-1.6721	-1.8336	-1.851	-2.0639	-1.3973	-1.0089	1.2161	1.7648
PVX_084605	-0.2066	-0.0414	0.5782	0.4943	0.717	0.7409	0.3478	-0.2556	-0.0995
PVX_001945	0.3267	0.1523	0.2581	0.4589	0.9433	1.0562	0.0098	-0.2561	0.0628
PVX_118315	-0.544	0.5583	0.8187	0.8987	0.4793	-0.6023	-0.8302	-0.9692	-0.8968
PVX_122665	-0.3787	-0.1719	-0.3052	-0.3241	-0.3898	-0.2476	-0.4809	0.1972	0.3734
PVX_095480	0.2101	0.2304	0.0655	0.0335	0.1827	-0.0771	-0.433	-0.662	-0.4306
PVX_003730	-1.2498	-0.341	-0.1066	0.2681	0.4077	0.9819	0.1752	-0.968	-1.3694
PVX_097780	0.5049	0.0406	-0.0894	-0.0867	-0.3099	-0.6208	0.2047	0.7964	0.9349
PVX_115390	0.6564	0.4932	0.6534	0.4827	-0.0276	-0.6168	-0.693	-0.3025	0.0407
PVX_117930	-0.5816	-0.793	-0.6166	-0.1302	0.2989	0.6555	0.576	-0.1469	-0.1375
PVX_100805	0.3319	0.5377	0.5784	0.6239	0.6135	-0.5574	-0.9014	-0.7667	-0.676
PVX_099790	-0.7026	-0.8279	-0.3442	0.1065	0.1568	0.6515	0.3388	-0.3491	-0.4286
PVX_114370	-0.5718	0.0103	0.0806	0.2505	0.3604	0.4497	-0.1547	-0.3466	-0.346
PVX_099175	-0.3197	-0.3755	-0.3413	-0.3186	-0.0165	-0.0571	0.5391	0.5068	-0.0452
PVX_089510	-0.7404	-0.7307	-0.7333	-0.7363	-0.5492	-0.0026	-0.068	0.9792	0.6644
PVX_123310	-0.3363	-0.1326	-0.1293	0.0818	-0.5707	-0.0345	0.3856	-0.1085	-0.2241
PVX_002630	-0.3345	-0.2192	0.0639	0.2079	0.2193	0.3359	0.2738	-0.0315	-0.2981
PVX_085520	-0.3637	0.3117	0.4082	0.2943	-0.0702	-0.0246	-0.5179	-0.3552	-0.3491
PVX_001630	0.2084	0.1054	0.1248	0.0104	0.1462	0.2437	0.1198	-0.3381	-0.4524
PVX_082775	-0.9411	-0.2678	-0.0845	0.2915	0.4354	0.848	0.519	-0.1862	-0.4214
PVX_084840	0.9077	0.1367	-0.3548	-0.6638	-0.629	-0.3717	-0.0654	-0.0248	0.1486
PVX_082780	-0.7253	0.4184	0.6672	0.8735	0.5542	0.0401	-0.229	-0.5069	-0.6197
PVX_089215	0.2085	0.19	0.0399	-0.0732	0.1267	0.3271	0.4156	0.4572	0.4407
PVX_099855	-0.445	0.3883	0.5718	0.7405	0.7935	0.3425	-0.6325	-0.7947	-0.6709
PVX_001865	0.6092	0.5438	0.729	0.7399	0.3526	0.3467	-0.0838	-0.327	-0.1875
PVX_116780	0.0916	-0.0761	-0.3991	-0.4188	-0.308	-0.3902	0.0883	-0.4531	-0.2494
PVX_091885	-0.1075	0.7216	1.067	0.6631	0.4444	0.0204	-0.1958	-0.1323	-0.1358
PVX_111110	-0.3849	-0.354	-0.4334	-0.3326	-0.3153	0.2194	0.148	-0.0016	0.2246
PVX_000630	-0.2293	0.285	0.4259	0.6969	0.3424	0.149	-0.4754	-0.4864	-0.8522
PVX_097770	-0.4224	0.4928	0.7196	0.8177	0.6569	0.7148	-0.2049	-0.351	-0.5901
PVX_085165	-0.5406	0.2314	0.1714	0.2724	0.3373	0.045	-0.2273	-0.8837	-1.0485
PVX_082895	-0.7193	-0.4758	0.4919	0.9561	0.9159	-0.3775	-0.6072	-0.5476	-0.5722
PVX_099715	-0.3471	0.2913	0.6031	0.8022	0.3519	-0.1686	-0.2089	0.1213	0.1424
PVX_041190	0.9828	0.3897	0.1513	0.1552	-0.0721	0.2814	0.848	0.6452	0.5078
PVX_091770	-0.1556	-0.0175	0.0419	0.1132	-0.0959	-0.1399	0.17	-0.0924	-0.1716
PVX_091940	0.5005	0.3918	0.0974	-0.1066	-0.4326	-0.5415	-0.7735	-0.8293	-0.5462

PVX_100565	0.3202	0.4725	0.3916	0.3876	0.2988	0.528	0.6224	0.6613	0.2895
PVX_122115	-0.3771	-0.3442	-0.3343	0.0175	0.2035	0.4713	0.0032	-0.2607	-0.149
PVX_113550	-0.0304	-0.3231	-0.6643	-1.1038	-1.0094	-0.4043	0.9236	0.6212	0.5295
PVX_114200	-0.1577	0.2486	0.2699	0.0363	0.0065	-0.8229	-0.6068	-0.0295	-0.0541
PVX_113790	-1.3588	-0.2706	0.3161	0.6424	0.3889	-0.6997	-0.8105	-0.5841	-0.8261
PVX_122650	-0.2768	-0.1612	-0.0892	-0.2968	0.0328	0.2226	0.7442	0.4609	-0.141
PVX_002605	0.0867	-0.0056	-0.0834	-0.2589	-0.3743	-0.4228	-0.3359	-0.2679	-0.2
PVX_003960	0.2293	-0.245	-0.1605	-0.099	0.3197	0.5879	0.3457	0.2722	0.3111
PVX_124120	-0.0797	-0.3873	-0.4666	-0.3855	-0.3135	-0.1912	0.8461	1.1427	0.554
PVX_002750	0.0471	-0.3584	-0.6496	-0.5586	0.0366	0.1414	0.0315	0.0107	0.2223
PVX_117915	-0.915	-0.8198	-0.4819	-0.1376	0.1203	0.5473	0.3188	-0.1803	-0.4152
PVX_099395	-0.8829	0.2089	0.4212	0.5778	0.6514	0.5035	-0.2036	-0.674	-0.852
PVX_113980	0.0176	0.0857	0.1668	0.2492	0.3833	-0.0283	-0.3876	-0.2086	0.0172
PVX_090235	1.4035	0.1423	-0.6507	-0.9515	-0.8321	-1.0395	-0.3583	1.1788	0.8284
PVX_092595	0.6623	0.4894	0.221	0.2335	0.0668	-0.0084	-0.2061	-0.2065	-0.0531
PVX_124715	0.038	-0.2344	-0.202	-0.2801	-0.2799	-0.2925	-0.1964	-0.2557	-0.2113
PVX_097995	0.4536	0.6878	0.6305	0.4857	0.3303	0.2218	-0.2974	-0.6511	-0.6077
PVX_101415	0.41	0.0496	-0.0679	-0.613	-1.0747	-0.9115	-0.3439	0.572	1.2918
PVX_079780	0.2026	0.6218	0.7099	0.5279	0.3979	0.4355	0.168	-0.3717	-0.4772
PVX_091085	-0.1639	-0.5448	-0.7911	-1.0261	-1.097	-0.7524	-0.0877	0.842	0.6227
PVX_079825	0.5131	0.2577	-0.1004	-0.3949	-0.3536	0.0585	0.7625	0.9516	0.888
PVX_090070	0	0.1388	0.2912	0.2929	0.4513	0.015	-0.7782	-1.0715	-1.0268
PVX_082365	-1.1733	-0.8946	-0.9705	-1.052	-1.0862	0.1303	0.8919	1.3217	0.7628
PVX_085085	0.7024	0.0935	-0.1554	-0.3742	-0.4582	0.5503	0.5361	1.024	1.1156
PVX_089880	0.332	0.0329	-0.5171	-0.7309	-0.8947	-0.8196	-0.0207	0.2568	0.5312
PVX_081265	-0.3791	-0.7985	-0.1123	0.2714	0.4221	-0.14	-0.1244	0.2611	0.2297
PVX_084720	0.1241	0.1076	0.1974	-0.007	-0.4233	-0.9577	-0.7795	1.0282	1.1378
PVX_099500	-0.0481	0.1973	0.1981	0.3913	0.3307	0.0476	-0.1676	-0.6949	-0.9064
PVX_117250	0.4229	0.017	-0.143	0.1378	0.0493	0.0141	0.463	0.9036	0.8101
PVX_092575	0.6459	0.0408	-0.3879	-0.8606	-0.2274	-0.2004	0.0356	0.4508	0.6901
PVX_094715	-0.0555	0.1562	0.356	0.4141	0.3925	0.1091	-0.1858	-0.1463	0.0383
PVX_122790	-0.1199	-0.2406	-0.5701	-0.0383	0.2843	0.4352	0.4196	0.5121	0.5081
PVX_090915	-0.514	0.3848	0.3775	0.3885	0.4379	0.0677	-0.4486	-0.3954	-0.3086
PVX_087990	0.1475	0.2114	0.4282	0.7317	0.6548	-0.0225	-0.3305	-0.009	0.2687
PVX_000990	0.2515	0.5059	0.4018	0.2971	0.0931	-0.4284	-0.8157	-0.7632	-0.6104
PVX_117265	-0.5456	0.1205	0.4763	0.349	0.2024	0.6491	0.3502	-0.2995	-0.451
PVX_091065	0.0293	-0.1421	-0.3453	-0.4065	-0.5442	-0.7089	0.1498	0.8006	0.2917
PVX_082355	-1.327	-0.3967	-0.1089	0.1274	0.3849	0.573	-0.2871	-0.945	-1.1154
PVX_117840	-0.1943	-0.1657	0.1363	0.5343	0.8357	0.5324	0.0315	-0.0211	-0.0437
PVX_003610	0.603	-0.4633	-0.6935	-0.6096	-0.1058	0.0864	0.1187	-0.0721	0.1904
PVX_118095	0.9214	0.685	0.6459	0.5138	-0.3896	-0.3479	-0.8316	-0.9379	-0.7145
PVX_088055	-0.2787	0.1543	0.5511	0.6694	0.7716	0.2239	0.0421	-0.1568	-0.602
PVX_096230	-0.2622	-0.1365	-0.1596	-0.1353	-0.2627	0.138	0.2743	0.0973	-0.3351
PVX_093580	-1.0599	0.3086	0.6652	0.575	0.2012	-0.5432	0.1464	-0.0169	-0.4171
PVX_115265	0.0006	0.4152	-0.1387	-0.6845	-0.6426	-0.7455	0.1333	1.1307	1.2093
PVX_094795	0.7091	0.5866	0.1484	0.0392	0.1485	-0.1314	0.0307	0.5977	0.8506
PVX_097885	-0.2136	-0.2724	-0.2131	0.0294	0.2681	0.4171	0.3628	0.299	-0.0542
PVX_099455	-0.3182	-0.2038	-0.4462	-0.5491	-0.6491	0.184	0.4206	-0.1859	-0.3729
PVX_088920	-0.4326	-0.4825	-0.6706	-0.7986	-0.8176	-0.4634	0.8221	0.7231	0.2919
PVX_080200	-0.8853	0.0677	0.7367	0.9948	0.744	-0.6949	-1.3361	-1.5763	-1.0803
PVX_095180	-0.9855	-0.5319	-0.4802	-0.587	-0.8236	-0.3377	-0.0274	0.2741	-0.0477
PVX_080110	0.0819	0.575	0.5462	0.4633	0.3969	-0.0366	-0.7925	-0.8623	-0.8192
PVX_116645	-0.224	0.0907	0.2387	0.5002	0.6227	0.5073	0.2768	0.0226	-0.1308
PVX_124165	1.1608	1.0761	0.8302	0.8272	0.7294	0.1794	-0.2243	-0.2115	-0.4445
PVX_091855	0.5159	0.4655	0.3576	0.2373	-0.2281	-0.2429	-0.1893	-0.5657	-0.3761
PVX_090205	-1.4226	-1.4673	-1.7186	-1.9763	-1.7603	-1.4627	1.1552	0.9053	0.0678
PVX_117180	0.8317	0.4755	0.0322	-0.3215	-0.5635	-0.4189	-0.1097	0.6629	1.5716
PVX_121890	0.3245	0.5511	0.3733	0.3545	-0.105	-0.7307	-1.3927	-1.3481	-0.7405
PVX_095460	-0.7375	0.0566	0.3376	0.2126	0.2876	0.769	0.0359	-1.0465	-1.4232
PVX_119685	-0.152	0.3945	0.4269	0.5279	0.6268	0.3495	-0.3229	-0.4552	-0.6102
PVX_091975	-0.2139	0.4722	0.5237	0.4897	0.6378	0.1931	0.0447	0.1277	0.122
PVX_118345	-0.6513	0.0799	0.3554	0.5014	0.4851	0.582	-0.2809	-0.9537	-1.2766
PVX_096090	-0.856	-1.0434	-0.8193	-0.2917	0.2199	0.4937	0.2117	-0.2262	-0.44

PVX_117195	0.429	0.5166	0.3393	0.5706	0.3431	0.1829	-0.228	-0.5278	-0.7294
PVX_088230	0.7426	0.4888	0.42	0.4093	0.2594	-0.0795	-0.0501	0.5932	0.7472
PVX_093705	0.4163	0.4931	0.3818	0.6247	0.3286	0.2666	0.0982	0.5288	0.4394
PVX_119340	-0.2067	0.144	0.4083	0.2615	0.5637	0.0963	-0.1974	-0.0955	-0.1795
PVX_113915	0.2168	0.3433	0.2567	0.3127	0.2977	-0.0151	-0.267	-0.1461	-0.4228
PVX_003505	1.3123	0.8665	0.7188	0.4307	0.0797	0.089	0.1462	0.104	0.2491
PVX_115275	0.7451	0.4983	0.554	0.5148	0.3509	-0.1048	-0.4334	-0.2722	-0.1503
PVX_091635	0.7349	0.4569	0.5438	0.2569	0.023	-0.0299	0.4426	0.2231	0.1102
PVX_082410	0.3812	-0.2217	-0.5028	-0.4564	0.2175	0.9237	0.6995	0.5505	0.6317
PVX_091595	0.3628	0.3483	0.2426	0.3071	0.1879	0.3075	-0.1318	-0.2711	-0.1441
PVX_117610	0.5682	0.4861	0.0545	-0.7998	-1.1246	-1.0178	-0.4934	0.2952	1.3239
PVX_123850	0.3821	0.159	0.0868	-0.2112	0.0061	0.1861	0.1809	-0.0765	-0.0088
PVX_119445	0.2942	-0.0106	-0.0079	-0.0748	0.2334	0.7277	0.2539	0.4476	0.2848
PVX_095195	-0.0496	-0.2838	-0.4714	-0.2851	-0.3945	-0.3143	-0.2322	-0.2844	-0.0543
PVX_115405	-0.3598	-0.6205	-0.4098	-0.3047	-0.1155	0.2382	0.1105	-0.174	0.2532
PVX_087020	0.0169	0.4169	0.5745	0.4672	0.5225	0.1895	-0.421	-0.8675	-0.9013
PVX_084930	-0.1573	-0.1517	0.14	0.3781	0.7975	0.3317	-0.0171	-0.0638	0.1011
PVX_000850	-0.0842	-0.1433	-0.1983	0.0743	0.1298	0.5526	0.2301	-0.0571	-0.1135
PVX_000840	0.0082	-0.1667	-0.0995	-0.2063	-0.1252	0.0593	0.1716	0.1895	-0.0505
PVX_124160	-0.5947	0.1024	0.4033	0.5402	0.6617	0.1175	-0.308	-0.3667	-0.5122
PVX_092095	0.4188	0.6269	0.4259	0.5028	0.4513	0.7595	0.5899	0.7489	0.4275
PVX_094760	-0.4948	0.0611	0.4082	0.614	0.4343	-0.3915	-0.4831	-0.2679	-0.2794
PVX_101550	-1.7069	-1.7611	-1.7771	-1.9854	-1.5452	0.6694	1.4136	0.3826	-0.1922
PVX_117115	0.5855	0.3114	0.2387	0.3004	0.3372	0.3734	0.533	0.6566	0.5451
PVX_081540	-0.3791	-0.3185	-0.2739	-0.0468	0.2573	-0.0094	0.0807	-0.0687	-0.3968
PVX_124200	0.5914	0.5212	0.2547	0.152	-0.3937	-0.6199	-0.3234	0.0648	0.3155
PVX_095035	0.3781	0.2322	0.0366	0.1312	0.4927	0.2	-0.0222	-0.4667	0.1151
PVX_123920	-1.391	-0.4154	-0.034	0.2414	0.3651	0.3815	-0.261	-0.9509	-1.1498
PVX_117680	-0.1412	-0.336	-0.7181	-0.6047	-0.1312	-0.3921	0.308	0.642	0.2891
PVX_094615	-1.0344	-0.2699	0.0346	0.1249	0.3077	0.7952	0.4357	-0.2548	-0.8186
PVX_116950	0.2585	-0.1235	-0.4098	-0.5749	0.0526	0.4928	0.4796	0.4298	0.5986
PVX_123985	-0.3572	0.0342	0.2652	0.2861	0.2821	-0.3276	-0.7076	-0.882	-0.9142
PVX_111210	-0.0784	0.0012	0.0892	0.225	0.2277	0.0274	-0.0454	-0.1066	-0.1709
PVX_118385	0.3437	-0.7242	-0.497	0.0622	0.3927	0.2436	-0.1905	0.6757	0.7923
PVX_123235	-0.6203	-0.6555	0.0558	0.6962	0.9664	0.0147	-0.3201	-0.4063	-0.3787
PVX_091650	0.4262	0.4995	0.4981	0.3279	0.0894	0.021	0.0127	0.1553	-0.0718
PVX_094245	1.349	0.8007	0.9149	0.779	0.2939	-0.3357	-0.4603	-0.0686	0.4906
PVX_083200	0.671	0.3402	-0.2003	-0.6284	-0.8826	-0.4439	0.3127	0.7674	1.0854
PVX_116920	0.3332	0.144	0.2454	0.306	0.1553	-0.2829	-0.12	-0.1324	-0.0213
PVX_097640	-1.0342	-0.2546	0.3208	0.7002	0.7118	0.3652	-0.1584	-0.5816	-0.6772
PVX_094540	-0.1393	-0.2357	-0.4995	-0.6262	-0.6677	0.2786	0.6209	0.4211	0.2906
PVX_118495	-0.5328	0.8664	1.0075	0.7135	-0.1434	-1.7287	-1.6939	-1.5398	-1.2906
PVX_115130	-0.7387	-0.5347	-0.2219	-0.0773	0.2318	0.2349	0.1824	-0.3117	-0.4424
PVX_003500	0.1897	0.2906	-0.007	0.1356	0.7379	0.5513	1.0523	0.4825	0.9985
PVX_089760	-0.38	-0.3041	-0.0082	0.4822	0.4799	0.0495	0.0335	0.4731	0.5479
PVX_115415	-0.4955	0.0499	0.4835	0.5147	-0.0407	-0.0956	-0.1778	-0.3753	0.1382
PVX_119680	0.65	0.481	0.2854	0.0259	-0.0275	-0.3016	0.0192	0.2812	0.2625
PVX_123270	-0.3702	-0.4086	-0.2582	-0.0656	0.095	0.4805	0.4529	0.1921	-0.0579
PVX_113940	-0.0226	0.0271	-0.0721	-0.1934	-0.0896	0.0094	0.5019	0.7652	0.4778
PVX_122900	1.1131	0.1482	0.1739	-0.2316	0.2414	0.24	0.448	1.1534	1.1346
PVX_118330	0.0961	0.2237	0.3232	0.5244	-0.1683	-0.5392	-0.5067	-0.4152	-0.209
PVX_114995	0.2361	0.1066	0.2094	0.2891	-0.0592	0.3099	0.0308	0.0157	0.2526
PVX_088250	0.4383	0.4056	0.3189	0.2204	0.0701	0.2379	0.8	0.8504	0.4583
PVX_081325	-0.8035	0.0789	0.4453	0.6145	0.7702	0.7327	-0.2956	-0.8855	-0.7248
PVX_122140	-0.2625	-0.4549	0.0598	0.4262	0.4417	-0.0222	-0.1957	-0.3107	-0.1905
PVX_090245	0.2299	-0.2189	-0.3789	-0.436	-0.7117	-0.6063	-0.4012	0.6043	0.8904
PVX_092520	-0.6473	0.1325	0.4347	0.6354	0.5917	0.4206	-0.0193	-0.295	-0.5262
PVX_000635	0.0965	0.1789	0.0107	-0.2408	-0.3025	0.0297	0.209	0.2177	0.3685
PVX_108775	0.7813	1.0041	0.6659	0.6845	0.2272	-0.0017	0.0626	0.2557	0.6761
PVX_078695	0.7776	1.0971	1.0971	0.6779	0.379	0.1068	-0.2059	-0.5197	-0.5839
PVX_119255	-0.619	-0.6619	-0.2951	0.3343	0.3173	-0.0989	-0.2625	-0.3505	-0.3998
PVX_113630	0.8887	-0.2165	-0.6753	-0.7384	-0.4793	-0.0168	0.6011	1.1504	1.141
PVX_079990	0.0542	0.5593	0.5522	0.4564	0.0241	0.201	0.5803	-0.0187	-0.4001

PVX_119555	-0.7464	-0.5121	-0.3707	-0.1694	0.1579	0.1636	-0.1054	-0.2455	-0.6993
PVX_089410	0.4039	0.41	0.311	0.0121	-0.1195	-0.3853	-0.7082	-0.2614	0.047
PVX_116685	-0.2309	-0.259	-0.6493	-1.0761	-0.7801	-0.4609	0.6522	0.8813	0.5533
PVX_097790	0.4216	-0.2198	-0.6811	-0.3845	0.4445	0.9747	0.3979	0.1972	0.3797
PVX_122485	-0.5055	0.1406	0.4117	0.5036	0.5982	-0.1446	-0.3975	-0.3872	-0.3053
PVX_002695	0.6429	0.6976	0.7225	0.9296	0.8655	0.8336	0.628	0.3514	-0.0188
PVX_090320	-0.5777	-0.1844	-0.1884	-0.1689	-0.3567	-0.4192	-0.2853	-0.4546	-0.591
PVX_117945	0.3365	-0.0151	0.2464	0.4158	0.3308	0.3706	0.1459	-0.2333	-0.0548
PVX_086155	0.0473	-0.2734	-0.3485	-0.0944	0.3044	0.8137	0.2526	0.2899	0.0781
PVX_101545	-0.9656	-1.2959	-1.388	-1.4819	-1.6963	-1.6306	-1.264	0.9605	1.4332
PVX_116870	0.0534	0.1103	-0.0716	0.0032	-0.23	0.1607	-0.1354	-0.4711	-0.3794
PVX_080325	1.352	0.7482	0.344	-0.0563	-0.0699	0.0842	0.4175	1.0157	1.5202
PVX_113970	0.1221	-0.2173	-0.5172	-0.6362	-0.6982	-0.0268	-0.0333	0.3945	0.4381
PVX_089595	0.0005	-0.366	-0.7748	-0.8785	-0.0328	0.7652	0.7622	0.3	0.3022
PVX_087885	-1.4467	-1.5138	-1.8449	-2.2327	-2.4597	-2.1874	0.9092	0.8193	-0.1855
PVX_116895	0.0473	0.2104	-0.1481	0.3666	0.1178	-0.1321	0.7924	0.3914	0.7934
PVX_081450	0.8136	0.7735	0.702	0.171	-0.4141	-0.6093	-0.682	0.1034	0.1673
PVX_002910	0.4007	0.1327	-0.0479	0.0444	-0.0404	0.0433	-0.2309	-0.4896	-0.426
PVX_089810	0.3869	0.4737	0.2718	-0.1279	-0.8664	-1.4219	-1.3368	0.1086	0.5471
PVX_085735	-0.0092	0.0868	0.1656	0.2322	0.4941	0.4426	-0.4537	-1.0253	-1.2435
PVX_002735	0.0964	-0.036	0.4678	0.7277	0.7357	0.1429	-0.0899	0.0468	0.2159
PVX_092660	-0.5117	-0.8229	-0.5069	0.0529	0.3245	0.3481	0.0059	-0.2221	-0.337
PVX_119280	0.2383	0.4659	0.5862	0.4948	-0.0152	0.0021	-0.0375	0.0671	0.2629
PVX_098665	-0.3467	0.2876	0.1934	0.2385	0.6362	0.805	0.1146	-0.7428	-1.0051
PVX_083580	-0.628	0.4001	0.6619	0.5622	0.5089	-0.3108	-0.6386	-0.4371	-0.1422
PVX_113965	1.0181	0.4214	0.227	0.2672	0.1151	0.2704	0.4212	0.755	0.8315
PVX_116730	-0.972	-1.2035	-1.2119	-0.7902	-0.1244	1.7164	1.2361	-0.1156	-0.452
PVX_116625	0.3578	0.5108	0.5512	0.6065	0.2351	0.4757	0.044	-0.2253	-0.2355
PVX_096965	-0.5087	-0.555	-0.6843	-0.8165	-0.8486	-0.82	0.5051	1.1398	0.9864
PVX_095435	-0.7062	-0.4964	-0.3174	-0.2904	-0.3325	-0.4274	-0.1706	0.7789	0.5154
PVX_098735	-0.4044	-0.1187	0.2262	0.3963	-0.1527	0.4526	0.305	-0.2948	-0.7522
PVX_098825	-0.7658	0.2209	0.576	0.4782	0.0186	-0.6687	-0.5538	-0.1702	-0.1515
PVX_123555	0.522	0.2153	-0.2299	-0.4678	-0.5942	-0.6875	0.2879	0.9468	0.9692
PVX_089500	0.3919	0.6972	0.6212	0.1473	0.3704	-0.0067	-0.0311	0.0322	0.0326
PVX_083220	-0.0158	0.0336	0.147	0.2085	0.4318	0.3809	0.0297	-0.1696	-0.1437
PVX_114705	0.0217	0.1234	0.0018	0.0255	0.2361	0.2689	0.422	-0.1119	-0.1983
PVX_118065	0.4036	0.7417	0.8605	0.7849	0.7812	-0.0979	-0.6979	-0.7345	-0.5926
PVX_003990	0.3051	0.2478	0.3475	-0.0365	-0.2896	0.0146	0.3159	0.5712	-0.0238
PVX_122865	-1.0751	-1.1214	-1.3032	-1.4181	-1.4304	-0.6669	1.2214	1.4075	0.5643
PVX_000930	-0.4114	-1.0593	-1.4946	-1.7422	-1.6597	0.7821	1.1756	0.5444	0.139
PVX_088220	0.2519	0.2007	0.5648	0.4437	0.3192	-0.0358	-0.1642	0.2571	0.4162
PVX_091460	-0.3465	0.005	0.4016	0.6369	0.6227	0.6258	0.3738	0.0734	0.0037
PVX_099215	0.3812	0.167	0.1399	0.3772	0.4772	0.3079	-0.0723	-0.082	0.0575
PVX_089625	0.0861	0.3445	0.3199	0.2636	0.1173	0.4483	-0.4769	-0.5469	-0.8509
PVX_095115	0.7006	0.7296	0.4982	0.2908	0.0847	-0.3924	-0.5068	-0.4613	-0.3852
PVX_092395	0.3398	-0.2294	-0.2398	-0.1277	0.0825	-0.1309	0.2136	0.4296	0.5754
PVX_098970	-0.059	0.0965	0.1058	-0.0437	-0.0932	0.493	0.8136	0.5319	0.4714
PVX_119420	0.3582	-0.421	-0.2536	0.1022	0.3093	0.4139	0.3693	0.3639	0.48
PVX_094935	0.4289	0.4719	0.3746	0.6148	0.5491	0.4013	-0.0254	-0.3475	-0.6059
PVX_116560	1.2748	1.2768	1.2422	1.316	1.0851	0.3452	0.1838	0.183	-0.0423
PVX_114640	1.013	0.2606	-0.0767	-0.716	-0.8982	-0.7673	-0.1307	0.7558	1.2809
PVX_089800	-0.7607	-0.3605	-0.0832	-0.5644	-0.3704	-0.7763	-0.2758	1.1755	1.1667
PVX_002915	1.4261	0.7975	0.4261	0.0892	-0.3011	-0.7409	-0.8247	-0.0355	0.1876
PVX_088940	0.534	0.1915	-0.1472	-0.3892	-0.1385	0.5116	0.4122	0	0.0886
PVX_098795	0.1912	0.2458	0.1229	0.0449	-0.0275	0.2437	0.1501	-0.1376	-0.294
PVX_003635	-0.4188	-0.8453	-1.1483	-1.1221	-0.8516	0.1271	1.4206	1.222	0.4796
PVX_084305	-0.6445	-0.6629	-0.5942	-0.3493	0.2771	0.3945	-0.5814	0.1676	0.588
PVX_090130	0.8208	-0.2557	-0.502	-0.4518	-0.071	-0.4038	-0.0421	0.6694	1.1682
PVX_001760	-1.2346	-0.2347	0.2019	0.5393	0.3827	0.7411	0.057	-1.145	-1.5023
PVX_085290	0.336	0.2743	0.3132	0.3363	0.6746	0.2569	-0.3069	-0.63	-0.4566
PVX_093540	0.1453	0.1905	0.4271	0.5384	0.6767	0.7565	0.1341	0.0211	-0.2405
PVX_092470	-0.3169	-0.3179	-0.0754	-0.1198	-0.0685	-0.2574	0.9016	0.9466	0.3506
PVX_114130	-0.1121	-0.5347	-0.3326	-0.0493	0.2884	0.472	-0.0706	-0.0804	0.1602

PVX_081225	0.1164	0.3791	0.7211	0.7021	0.5356	0.1121	-0.0895	-0.0725	0.0107
PVX_115095	-0.6146	-0.4868	-0.3351	-0.5088	-0.1394	0.8409	0.7671	0.2371	-0.0669
PVX_088805	-0.5573	-0.4001	-0.1938	0.0183	-0.3108	0.924	1.3592	0.412	0.4175
PVX_092070	-0.3362	-0.1063	-0.1972	-0.3687	-0.2218	-0.4695	-1.3262	0.1717	0.6514
PVX_082575	0.2244	0.5848	0.6735	0.8257	0.5605	0.4657	0.3596	-0.1194	-0.2449
PVX_085390	0.8984	0.5194	0.4448	0.1029	-0.1777	-0.1627	-0.0239	0.9194	1.4252
PVX_086340	0.3726	0.2429	0.1365	0.181	-0.045	0.3458	0.0225	-0.3266	-0.4022
PVX_117735	0.5567	0.3071	-0.0206	-0.5847	-0.8671	-1.0047	-0.5476	0.1989	1.2587
PVX_001050	-0.1199	-0.3091	-0.0164	0.0456	0.0104	0.0599	0.4962	0.3781	0.0344
PVX_118420	0.1781	0.0518	-0.1056	0.0465	0.3676	0.3642	-0.3238	-0.1902	-0.1943
PVX_117765	0.1563	-0.2105	-0.3126	-0.2619	-0.3494	0.4779	1.0073	0.5106	0.2389
PVX_000700	0.981	0.6308	0.4805	0.097	-0.3455	-0.4654	-0.142	0.8471	1.4398
PVX_117350	-0.7132	-0.4216	-0.1539	0.0222	0.2463	0.2888	0.0198	-0.1878	-0.4113
PVX_124130	-0.2507	-0.2793	-0.3852	0	0.5579	0.3594	0.0484	-0.1174	-0.0397
PVX_092965	-0.4516	-0.7665	-0.2245	0.4	0.6901	-0.2031	-0.7935	-0.6856	-0.2729
PVX_091480	-0.6294	-0.2021	0.1343	0.3744	1.0253	0.6565	0.1193	-0.2776	-0.3554
PVX_117030	0.6871	0.8524	0.627	0.5186	0.3891	-0.1386	-1.1461	-1.6719	-1.5796
PVX_099890	0.3755	0.3696	0.2217	0.4013	0.808	0.3979	-0.1282	-0.4115	-0.6132
PVX_096975	0.7065	0.6878	0.2639	0.1659	0.1005	-0.0553	-1.0555	-1.0735	-0.3352
PVX_094250	0.0907	-0.2305	-0.3195	-0.3764	0.249	0.5471	0.5629	0.7194	0.6367
PVX_083110	-0.6032	-1.042	-1.1456	-1.1611	-0.8218	-0.1174	0.6163	1.034	0.4639
PVX_113430	0.1523	0.1284	0.2158	0.1687	0.2651	0.0493	0.1433	-0.2261	-0.3694
PVX_116810	0.2923	-0.055	-0.607	-0.7812	-0.3412	-0.0596	0.511	0.885	0.5976
PVX_100725	0.2721	0.3315	0.2092	0.0778	0.2731	0.6126	0.3273	-0.3287	-0.4572
PVX_090905	0.2398	-0.5502	-0.8976	-0.781	-0.6104	-1.0303	0.1726	0.8222	0.955
PVX_088960	-1.1436	-0.5004	-0.3868	-0.1731	0.3354	0.764	0.029	-0.9525	-1.1722
PVX_086175	-0.7347	0.0418	0.3649	0.4186	0.3981	0.0571	-0.0049	-0.4832	-0.665
PVX_113640	-0.3172	-0.6204	-0.9607	-1.4302	-1.316	-1.1165	1.2044	1.2726	0.7036
PVX_002510	0.4854	-0.3453	-0.6316	-0.9154	-0.9537	-0.692	-0.5905	0.396	0.8898
PVX_113875	-0.7681	-0.2862	0.2833	0.4727	0.8881	0.3896	-0.209	-0.4971	-0.8089
PVX_114885	0.2499	0.1464	0.2083	0.4197	0.6029	0.5271	0.1989	-0.158	-0.0092
PVX_000755	-0.3202	-0.5447	-0.5233	-0.5899	-0.5559	-0.0883	0.9622	0.7074	0.079
PVX_123455	-0.1763	-0.0607	-0.1749	-0.3066	-0.0006	0.3961	0.4166	0.0953	-0.0179
PVX_086165	-0.4287	0.2782	0.8079	0.9076	0.6012	0.0486	-0.3854	-0.3076	0.0324
PVX_116550	-0.1598	-0.2217	-0.2406	-0.1291	0.3	0.7254	0.4513	0.1995	0.0347
PVX_089975	0.313	-0.0072	-0.2201	-0.2372	-0.1623	-0.4009	-0.1058	-0.0033	-0.1998
PVX_123125	-0.3705	-0.2144	-0.3373	-0.3905	-1.0546	-0.6562	-0.1504	0.5807	0.8087
PVX_094280	0.6252	0.7503	0.3357	0.0452	0.0266	0.2302	-0.1797	-0.0883	-0.0706
PVX_098845	-0.6499	-0.7902	-0.5448	-0.1766	0.1432	-0.0964	0.2989	0.8856	0.4556
PVX_116585	0.0377	-0.3349	-0.3716	-0.7878	-0.4049	0.1489	0.516	0.2434	0.0101
PVX_122555	0.1455	0.1835	0.0645	0.1174	0.1495	-0.3435	-0.5711	-0.7967	-0.5332
PVX_091930	1.287	0.5656	0.5277	0.0469	-0.2063	-0.5873	-0.7065	-0.4853	0.2969
PVX_092100	-0.2021	0.1229	0.1292	0.3838	0.0603	-0.2992	-0.247	0.3495	0.2906
PVX_122330	-0.1273	-0.1977	-0.067	0.0909	0.0846	0.1622	0.0512	0.1498	0.0087
PVX_123200	-1.0019	-0.0892	0.0514	0.166	0.2464	0.2067	-0.4204	-0.8883	-0.9454
PVX_101015	1.0325	0.7196	0.3138	0.1852	-0.0166	-1.3592	-1.8011	-1.6734	-0.9872
PVX_095355	-0.3292	-0.8136	-0.8992	-0.0789	0.3486	0.6363	0.3615	-0.0166	0.0641
PVX_001030	-0.0084	0.088	0.3456	0.2779	0.5475	0.3153	-0.1919	-0.6168	-0.5844
PVX_113480	-0.111	-0.0595	0.2659	0.3597	0.3541	0.1688	-0.0901	-0.1874	0.0976
PVX_117280	0.018	0.3135	0.4594	0.6364	0.6831	0.1354	0.2839	0.1242	0.0779
PVX_119245	0.5193	0.5422	0.3937	0.465	0.172	0.1857	-0.3231	-0.3342	-0.0809
PVX_092060	-0.0333	-0.656	-1.0793	-1.4908	-1.3191	-1.1141	1.4507	1.0999	0.4501
PVX_097695	-1.1274	-1.2503	-1.3981	-1.6288	-1.9194	-1.2116	-0.4363	-0.4255	-0.5697
PVX_080125	-0.2609	-0.1649	0.2688	0.5615	0.5741	0.4511	0.3579	-0.0166	0.211
PVX_101565	0.9383	1.1543	0.9827	0.2205	-0.5531	-0.606	-0.1481	0.3456	1.0418
PVX_000710	-0.7628	-1.0514	-1.1867	-1.0757	-0.2993	-0.0313	0.696	0.3593	-0.1282
PVX_101405	0.125	0.057	-0.122	-0.06	0.0386	0.0451	0.6485	0.0767	-0.504
PVX_081435	1.0775	0.6809	0.6701	0.6016	0.4294	-0.3678	-0.6844	-0.8226	-0.4422
PVX_086975	-0.7147	-0.8119	-1.063	-1.0899	-1.1114	-0.3607	1.0703	0.926	0.6394
PVX_085255	-0.0135	-0.3465	-0.5425	-0.3911	-0.0204	0.5338	0.9679	0.4425	-0.0454
PVX_086280	-0.313	-0.6015	-0.8315	-0.6849	-0.7797	-0.2166	0.2346	0.5898	0.3702
PVX_123445	-0.35	-0.3363	0.0173	0.2038	0.0635	-0.1643	0.1102	0.1084	0.056
PVX_117900	0.6716	-0.0244	-0.1249	-0.7598	-1.116	-1.0175	-0.3829	0.7794	1.8134

PVX_087075	0.0884	-0.1309	0.3886	0.2785	0.523	0.5657	-0.0809	-0.1799	-0.2528
PVX_081285	0.6853	0.5488	0.5765	0.6153	0.7231	0.7775	0.5431	0.1518	0.0072
PVX_089750	0.4267	0.8279	0.7193	0.628	0.7177	0.5244	-0.1932	-0.7622	-0.8968
PVX_117745	-0.6059	0.6882	1.1131	1.4106	1.2157	-0.1242	-0.6956	-1.0051	-1.3918
PVX_082960	0.0086	0.2875	0.1954	-0.0548	-0.2699	-0.7659	-0.5544	0.047	-0.1799
PVX_084970	-0.5664	-0.7798	-0.8418	-0.8645	-0.9349	-0.7282	1.1371	1.1354	0.337
PVX_001045	0.6698	0.2212	0.2879	0.2387	0.0104	0.0294	0.3211	0.1213	0.1187
PVX_092045	0.4274	0.5068	0.5568	0.5288	0.395	0.2969	-0.0301	-0.085	-0.0945
PVX_121940	0.4856	0.0394	0.0409	0.0574	0.9951	0.3004	-0.1014	0.6974	0.8554
PVX_064190	1.5936	1.1746	0.9655	0.5867	0.4233	0.3693	0.0978	-0.0838	0.1043
PVX_123945	0.2127	0.2446	0.1877	0.1866	0.0793	-0.5948	-0.851	-0.6932	-0.6158
PVX_081760	-0.1616	0.9048	1.132	0.9465	0.9026	-0.2926	-0.6765	-0.8469	-0.5182
PVX_117605	-0.4253	0.0456	0.1386	0.3091	0.3199	0.1485	-0.5023	-0.4246	-0.1852
PVX_088170	-0.8328	-0.279	-0.1421	0.2719	0.3277	0.3754	-0.4341	-1.0677	-0.7047
PVX_115345	0.1982	0.5398	0.643	0.8569	0.4326	0.5381	-0.4066	-0.9543	-0.8869
PVX_123505	-0.8391	-0.5581	0.1679	0.5426	0.5568	0.8283	0.0079	-0.2399	-0.3253
PVX_099520	-0.6262	-0.2902	-0.2157	0.0901	0.0934	0.1046	-0.1099	-0.1336	-0.365
PVX_122315	-0.4123	-0.1725	-0.564	-0.441	-0.5	-0.6987	-0.5648	-0.3524	-0.6383
PVX_095125	-0.0611	-0.1428	-0.379	-0.7163	-0.714	-0.4673	0.7469	0.8737	0.7639
PVX_094345	0.0712	0.2012	0.3224	0.2846	0.4729	0.3579	-0.4077	-1.0006	-1.2286
PVX_118225	0.1659	0.1967	0.4985	0.6382	0.4389	0.2022	-0.4442	-0.5559	-0.5492
PVX_083285	-0.567	-0.3029	-0.4219	-0.3261	-0.0333	-0.0436	1.6598	1.7029	0.8305
PVX_087690	0.2441	0.2614	0.3777	0.4807	0.6919	0.2865	-0.0658	0.1556	0.5457
PVX_114680	-1.2833	-0.0159	0.0444	0.425	0.4689	0.781	-0.2631	-1.0067	-1.3153
PVX_099445	-0.0931	0.1858	0.5231	0.6666	0.675	0.2509	-0.0772	-0.2751	-0.4691
PVX_091470	-0.4867	-0.4983	-0.537	-0.3545	-1.1211	-1.943	-1.0212	1.0604	0.8775
PVX_122990	0.0705	0.1541	0.3203	0.2807	0.478	0.3104	0.0309	0.2183	0.1482
PVX_114550	-0.5207	-0.3404	0.2696	0.6281	0.855	0.2573	-0.1947	-0.0931	-0.5027
PVX_089455	-1.746	-1.788	-1.722	-1.8033	-2.0652	-2.1133	-1.6678	1.2771	1.3975
PVX_003795	-0.8457	-0.9201	-1.0485	-1.1231	-0.574	0.9872	1.3896	0.693	-0.2722
PVX_113690	-1.2075	-1.1575	-1.0718	-0.7752	-0.0973	0.216	0.9691	0.4878	-0.0238
PVX_081535	-0.5846	-0.4711	-0.0247	0.2552	0.4219	0.1257	-0.4006	-0.8114	-0.7259
PVX_086995	-0.1971	-0.3382	0.0258	0.3714	0.6167	0.5071	0.0389	0.0364	-0.1018
PVX_117150	-0.6678	-0.0105	0.3539	0.8188	0.4716	0.8612	0.3426	-0.4099	-0.6284
PVX_092895	0.2758	0.3122	0.5145	0.4055	0.4145	0.3307	0.1286	0.0322	0.1637
PVX_122595	-0.0777	0	0.1191	0.028	-0.27	-0.1367	-0.0325	-0.2679	-0.1594
PVX_087105	-0.9132	-0.7273	-0.4098	-0.2358	0.2107	0.7702	0.5446	-0.3421	-0.7433
PVX_081815	-0.0276	-0.3674	-0.451	-0.6635	-0.4541	-0.2468	0.4365	0.9593	0.821
PVX_003510	-0.5289	-0.6276	-0.8435	-0.8567	-0.8379	-0.6738	-0.8309	-0.7736	-0.8293
PVX_118030	-0.5577	-0.6655	-0.7459	-0.6294	-0.4806	0.3386	0.7371	0.1572	-0.2969
PVX_117540	0.2902	-0.1367	-0.0121	0.0192	0.4101	0.4031	0.0441	0.3599	0.6085
PVX_072190	0.8275	0.5687	0.3695	0.3446	0.223	0.1981	-0.2109	-0.2117	-0.0147
PVX_111270	0.5699	0.537	0.2201	0.0229	-0.0035	-0.0352	0.1006	-0.3281	-0.3003
PVX_123825	-0.4094	0.0035	0.1547	0.4613	0.4566	0.0478	-0.6071	-0.7361	-0.6441
PVX_062690	-1.2666	-1.2104	-1.2389	-0.7735	-1.0812	-1.1259	-1.014	-1.007	-1.0498
PVX_122435	-0.1434	-0.0569	-0.3062	0.0186	-0.0154	0.0451	0.3323	0.4986	0.4181
PVX_002810	0.2026	0.4418	0.4755	0.2554	-0.0151	-0.452	-0.3307	-0.063	0.1171
PVX_082700	-1.67	-1.7052	-2.091	-2.07	-2.5101	-0.8681	1.2996	1.2427	0.3464
PVX_088850	1.2248	0.1478	-0.8254	-1.4331	-1.7369	-2.1193	-1.8566	0.7606	1.2707
PVX_092415	-0.3519	-0.7348	-0.7874	-0.6216	-0.371	0.6302	0.9727	0.7507	0.5507
PVX_081360	0.3373	-0.2063	0.0435	0.1601	-0.0615	-0.5588	-0.4825	0.3968	0.4212
PVX_094600	0.233	-0.0479	-0.1884	-0.2605	-0.1887	0.1319	0.4552	-0.0579	-0.5319
PVX_098000	-1.5423	-0.9602	0.0519	0.2688	0.4391	0.6029	0.0891	-0.4802	-0.8541
PVX_089425	-0.7936	-0.1317	0.1085	0.0682	0.3059	0.0155	-1.3733	-1.864	-1.4407
PVX_081445	-0.5065	-0.6833	-0.6675	-0.1468	0.115	1.0264	0.7421	0.2941	-0.1064
PVX_119760	-0.2056	-0.2164	0.2336	0.3724	0.5378	0.2663	0.3434	0.1011	-0.0282
PVX_080685	-0.1289	-0.2525	-0.4952	-0.7982	-0.8014	-0.0466	0.4868	0.3553	-0.1273
PVX_001695	-1.7754	-1.7582	-2.1283	-2.4262	-2.4239	-2.2409	-1.3446	1.3349	1.319
PVX_113760	-0.5177	-0.4223	-0.5327	-0.3065	0.0068	-0.1106	-0.2885	-0.3392	-0.3722
PVX_000550	-0.2972	-0.6522	-0.726	-1.0229	-0.8915	-0.7242	-0.0925	0.0831	0.1519
PVX_096205	0.3045	0.6255	0.8004	0.5393	0.2577	-0.1201	-0.3892	-0.3742	-0.2397
PVX_119545	0.6271	0.8459	0.7454	0.7428	0.5732	0.4214	-0.0226	-0.2449	-0.2922
PVX_123415	-0.4332	0.0203	0.0192	0.09	-0.2085	-0.1595	-0.1458	0.1336	0.2533

PVX_113390	0.5874	0.1943	0.4409	0.3368	0.1059	-0.24	-0.0827	0.0984	-0.023
PVX_101135	-0.0384	0.2514	0.3614	0.4529	0.0932	0.0855	-0.8212	-1.3372	-1.59
PVX_087890	0.4246	0.2161	0.186	0.0894	0.0392	0.1719	0.5162	0.3267	0.2242
PVX_099695	0.0582	-0.0751	-0.3558	-0.3423	-0.0954	0.8903	0.6713	0.2872	0.2045
PVX_117585	0.4119	0.4964	0.4063	0.2701	0.049	-0.1463	-0.2325	-0.0137	-0.0246
PVX_113650	-0.6344	-0.3768	0.3311	0.6001	0.8776	0.0457	-0.5896	-0.8749	-0.7413
PVX_092055	0.4937	0.3014	0.1218	0.2202	0.4412	0.4193	0.0996	0.0101	0.1227
PVX_122645	0.7098	0.4288	0.4252	0.5172	0.4262	0.1957	-0.0824	-0.5383	-0.5103
PVX_119650	0.2394	0.0188	-0.0789	-0.2786	-0.1417	0.2977	1	0.6025	0.6004
PVX_114425	0.1831	-0.0566	-0.2479	-0.5449	-0.0133	0.3327	0.4101	0.2007	0.2785
PVX_089875	-1.9701	-1.9623	-2.2234	-2.3645	-2.5269	-2.4111	-2.1359	-0.4987	-0.1909
PVX_117500	-0.0412	0.2842	0.4211	0.5793	0.6411	-0.1128	-0.4724	-0.7399	-0.6647
PVX_000955	-0.0512	0.4313	0.4256	0.3717	0.1261	-0.5317	-0.9422	-0.6499	-0.3478
PVX_112660	0.661	1.099	1.0368	0.6976	-0.369	-1.0761	-0.9664	-0.7069	-0.2155
PVX_098600	0.0532	-0.0379	-0.3621	-0.2977	-0.7134	-0.0894	-0.0648	-0.0935	0.4505
PVX_122405	0.1784	0.3212	0.1657	0.1071	0.2415	0.2353	0.1136	-0.2998	-0.2097
PVX_086900	0.9761	0.1273	-0.1185	-0.1863	-0.4666	-0.5371	-0.818	-1.0053	-0.6758
PVX_113595	-0.242	0.0806	0.4932	0.6516	0.4638	-0.1319	-0.7049	-1.0361	-0.8322
PVX_083570	-2.3104	-2.6936	-2.8022	-2.9265	-2.97	-2.8424	-2.4441	0.877	1.2609
PVX_090160	0.0606	0.3114	0.4395	0.3612	0.1214	-0.0267	-1.1076	-1.645	-1.8168
PVX_092325	-0.8802	-0.9475	-0.7705	-0.5325	-0.2745	0.4083	1.0028	0.786	0.189
PVX_122370	0.5182	0.4426	0.6358	0.5353	0.6186	0.0962	-0.3053	-0.1221	0.0179
PVX_111220	-0.2351	0.1235	0.5421	0.6996	0.6625	0.7521	0.227	-0.1958	-0.225
PVX_080165	0.2799	-0.2412	-0.1978	0.1462	0.3587	-0.1732	0.283	0.7038	0.6615
PVX_080160	-0.8154	0.095	0.3867	0.4879	0.5899	0.4519	-0.1889	-0.5362	-0.6041
PVX_084610	-0.9564	-0.4846	0.1277	0.3099	0.342	0.2276	0.6117	0.3202	-0.1658
PVX_087705	-0.0946	0.3794	0.2752	0.2381	-0.0125	-0.3326	-0.3632	-0.1179	0.1323
PVX_083350	-0.8685	-0.1975	-0.0375	-0.084	-0.4594	-0.7893	-1.0446	0.3019	0.5757
PVX_085865	0.2373	0.4771	0.6225	0.5036	0.6133	-0.0126	-0.2492	-0.2593	-0.2772
PVX_002615	0.3467	0.5423	0.6436	0.6329	0.6346	0.3459	-0.2503	-0.7563	-0.696
PVX_099835	-0.5753	-0.0526	0.0215	0.1676	0.5478	0.6257	0.7142	0.183	-0.1284
PVX_122895	0.4474	0.3892	0.0095	-0.1105	-0.1834	0.3947	0.807	0.1759	0.2052
PVX_122915	0.1542	-0.0116	-0.4407	-0.8	-0.4799	0.258	0.9051	0.9237	0.9738
PVX_084170	0.7981	0.4884	0.1079	-0.4014	-0.526	-0.5614	-0.2383	0.6791	1.2271
PVX_092880	-0.1446	-0.0961	0.1393	0.4088	0.5166	0.3623	0.2011	-0.0301	-0.0945
PVX_092670	-0.1509	-0.451	-0.7369	-0.8429	-0.8013	-0.1001	0.494	0.2256	0.1598
PVX_000880	0.7862	0.5905	0.5059	0.3171	-0.038	-0.8148	-0.8103	-0.2356	0.0777
PVX_091805	-0.6341	-0.6833	-0.4832	-0.278	-0.2767	1.0718	0.8973	0.2237	-0.1594
PVX_002865	0.0897	-0.0419	0.0788	0.4552	0.6074	0.617	0.3322	0.3963	0.1603
PVX_005570	1.7549	0.4789	0.2365	-0.133	0.1198	0.0159	-0.3402	-0.5243	-0.2627
PVX_092525	-0.0434	0.1544	0.025	-0.4463	0.0153	-0.0626	0.0991	0.1699	0.3043
PVX_124020	0.5833	0.6534	0.6081	0.275	0.1599	-0.2575	0.4914	0.8422	0.2374
PVX_002975	-0.4795	0.6255	0.874	0.8786	0.5161	-0.2514	-0.3012	-0.3771	-0.3726
PVX_113575	-0.2107	0.2331	0.3083	0.3653	0.2805	0.194	-0.1778	0.1991	0.0629
PVX_122980	-0.6265	-0.2554	0.3766	0.5739	0.6102	0.1887	-0.4945	-0.5851	-0.2543
PVX_088185	0.5761	0.8868	0.7451	0.3782	-0.1209	-0.3788	-0.0706	0.1767	0.1711
PVX_098955	-0.1865	0.3491	0.4828	0.3651	-0.0132	-0.0235	0.0085	-0.0898	-0.1613
PVX_091525	-0.0142	-0.5167	-0.2527	0.1039	0.5247	0.6702	0.4435	0.1761	0.1034
PVX_081850	0.4529	0.3768	0.2891	0.3063	0.0687	-0.343	-0.3064	-0.1742	-0.2563
PVX_001800	-0.1594	0.1565	0.5805	0.7148	0.7759	0.4561	0.115	-0.2633	-0.3548
PVX_094310	0.7713	-0.1603	-0.0671	0.2001	-0.0566	-0.2072	0.026	0.0829	0.8121
PVX_005580	-0.1577	-0.2663	-0.2048	-0.0571	-0.0622	0.2039	0.614	0.0955	-0.0975
PVX_083355	0.3883	0.7696	0.5666	0.4319	0.1736	-0.0288	0.2408	0.1824	-0.3318
PVX_100705	-0.3982	-0.7635	-1.0749	-0.437	0.25	1.0098	0.4539	0.1056	0.2083
PVX_080415	0.6148	0.4924	0.6792	0.5883	0.2112	0.3695	0.0133	0.229	0.2129
PVX_091555	-1.093	-1.1464	-0.9303	-0.3324	0.2524	0.5137	0.4386	-0.1139	-0.9475
PVX_116820	-0.0495	-0.0117	-0.3577	-0.2816	-0.2579	0.3916	0.0274	-0.3593	-0.296
PVX_111455	0.1559	-0.0137	0.1447	0.2232	0.4232	-0.1542	-0.0703	0.2221	0.5354
PVX_099830	0.3743	-0.2896	-0.4886	-0.2268	0.3263	0.9559	0.4743	0.2434	0.4618
PVX_114510	-0.4877	-0.6023	-0.9014	-1.2138	-1.3457	-1.2439	0.7854	1.1466	0.6691
PVX_085410	-0.3054	0.5602	0.6658	0.4588	0.3058	-0.1629	-0.6249	-0.6092	-0.2305
PVX_083095	-0.5313	-0.1402	0.3288	0.6499	0.3393	0.0091	-0.1566	-0.2266	-0.4785
PVX_097680	0.2331	-0.1603	-0.3619	-0.7435	-0.6173	-0.3659	-0.2943	0.1359	0.5451

PVX_115375	-0.2498	-0.1473	-0.188	-0.2022	0.1622	0.0085	0.346	0.166	0.2779
PVX_119515	0.2832	-0.3321	-0.2593	-0.1983	-0.2131	-0.5831	-0.2393	0.1779	0.2703
PVX_117885	0.7905	0.4403	0.2681	0.3752	0.311	0.0027	-0.0377	0.1098	0.2393
PVX_092600	0.1361	0.3492	0.1918	0.0576	0.166	0.5782	0.2529	-0.4041	-0.4979
PVX_002945	-0.5534	-0.1016	0.2773	0.2829	0.278	0.2696	-0.2109	-0.1781	-0.135
PVX_114155	0.0972	0.2823	0.1579	-0.0556	0.213	0.4808	0.4023	0.2642	0.1149
PVX_083525	0.9496	0.2895	0.0975	0.0468	-0.6153	-0.1588	0.1031	0.513	1.3462
PVX_099225	-0.1972	0.0975	0.2434	0.3227	0.19	-0.0669	-0.5944	0.0651	0.2481
PVX_092130	-0.1327	0.1747	0.387	0.3874	0.5281	0.3067	-0.1166	-0.3263	-0.3336
PVX_117575	0.1659	-0.5958	-0.6731	-1.3835	-0.6774	-0.6127	0.4366	0.6042	0.9028
PVX_003560	0.5278	0.4017	-0.0125	-0.2621	-0.5405	-0.7091	-0.5246	-0.1138	0.2821
PVX_116500	-0.8117	-0.5446	-0.1917	0.4817	0.2372	0.2981	-0.3385	-0.1218	0.0784
PVX_081790	0.6421	-0.0416	-0.4207	-1.0155	-0.8945	-0.2155	0.4042	1.0486	1.4231
PVX_110810	0.7055	-0.0221	-0.2945	-0.2727	-0.0279	0.1119	0.5039	0.787	0.6482
PVX_002820	0.2018	-0.0075	0.0252	-0.0152	0.2179	-0.2072	-0.168	-0.1218	-0.282
PVX_123680	-0.0807	0.3041	0.3712	0.4648	0.2766	0.4151	0.3254	0.069	0.043
PVX_000920	-0.0905	0.1751	0.2841	0.0684	0.3163	0.3668	0.2586	0.5994	0.4065
PVX_117295	0.2657	-0.5782	-0.6329	-0.1882	-0.0195	-0.0058	-0.2596	0.1205	0.5336
PVX_116955	0.3499	0.2945	0.0645	-0.1554	-0.0366	0.1221	0.165	-0.0388	0.2411
PVX_094530	0.9154	0.5202	0.3364	0.2346	0.0534	-0.3176	-0.5457	-0.1241	0.2806
PVX_090335	0.2276	-0.0345	-0.3735	0.0137	0.5576	0.077	-0.0208	-0.0219	0.6253
PVX_123530	0.3129	0.3957	-0.0928	-0.4384	-0.3388	-0.5542	-0.6338	-0.1388	0.4357
PVX_000545	-0.5117	0.2949	0.3292	0.258	0.4534	0.8068	-0.2338	-1.0556	-1.1354
PVX_101030	0.3511	0.5039	0.4414	0.3944	0.1676	0.4171	0.3407	0.0333	-0.3182
PVX_113300	0.7686	0.598	0.3504	0.4921	0.2855	-0.1944	0.232	0.7305	1.091
PVX_119830	-0.2258	-0.177	-0.3028	-0.3279	-0.1772	0.4864	0.4472	0.2522	-0.0355
PVX_058190	0.9812	0.7784	0.3754	0.8643	0.496	0.0499	0	0.0517	0.1412
PVX_098850	0.6991	0.2085	-0.0736	-0.0967	0.312	0.7072	0.6267	0.3085	0.0267
PVX_122955	-0.0451	0.0326	-0.0495	-0.1766	-0.0218	0.3184	0.2332	0.0026	0.2141
PVX_099285	-1.6336	-1.4067	-1.6059	-1.5752	-1.6022	0.1469	1.3147	1.0143	-0.0899
PVX_119460	0.0093	0.1972	0.2342	0.3967	0.7782	0.4461	-0.1453	-0.3242	-0.3416
PVX_098930	0.1656	0.4331	0.4871	0.5284	0.6322	0.3875	-0.3078	-0.9277	-0.9763
PVX_097955	0.1342	0	-0.1584	-0.1085	-0.0351	-0.2825	-0.2975	-0.1174	-0.4005
PVX_099820	0.0806	-0.2541	-0.1588	-0.0347	0.3587	1.1137	0.7994	0.6285	0.5247
PVX_110850	-1.0092	-0.3587	-0.1867	0.0048	0.2533	0.4016	0.1328	-0.3041	-0.408
PVX_099230	0.1431	-0.3771	-0.7185	-0.9046	-0.705	-0.5574	0.8907	0.8832	0.535
PVX_009600	0.0439	0.2704	0.5034	0.0835	0.5036	0.0092	0.2913	0.2021	0.4837
PVX_123745	-0.1673	-0.0822	0.2282	0.2415	-0.0278	0.7238	0.1573	-0.2635	-0.2767
PVX_087695	-0.2601	-0.086	-0.3761	-0.6017	-0.5503	-0.1996	-0.2946	-0.4208	-0.1687
PVX_118280	-0.2476	0.3555	0.3587	0.1967	-0.2392	-0.8904	0.058	0.3856	-0.1592
PVX_117850	-0.9928	-0.4285	0.0238	0.2604	0.4475	0.5746	0.2223	-0.297	-0.5759
PVX_111160	0.1074	-0.1037	-0.3554	-0.4102	-0.2809	0.2485	0.7276	0.5251	0.4557
PVX_114850	0.0255	-0.1171	-0.0506	0.1289	-0.0116	0.5769	0.3644	-0.1332	0.2921
PVX_082920	0.798	0.3596	0.1869	0.0025	0.017	-0.0799	-0.1584	0.017	0.2683
PVX_123750	-0.8007	-0.1153	0.0176	0.0589	0.3777	0.6361	0.4654	0.2283	0.131
PVX_084865	-0.3941	-0.3227	-0.1782	0.0907	0.1225	0.3062	0.475	0.2847	-0.207
PVX_098625	-0.9284	-1.0794	-1.3385	-2.0136	-1.7878	0.2594	1.259	1.0554	0.6318
PVX_084790	-0.1936	-0.1578	-0.381	-0.257	-0.2099	-0.0925	-0.1299	0.2868	0.3088
PVX_091845	0.9645	1.0241	0.6321	0.5059	0.37	0.0252	0.4905	0.4289	0.1366
PVX_123115	-0.6063	-0.0777	0.0041	0.089	-0.1613	0.2271	0.287	-0.0374	-0.192
PVX_115400	0.4165	0.1654	0.2709	0.2817	0.3576	-0.0429	-0.3492	-0.2256	-0.0058
PVX_113565	-0.9521	-0.79	0.0698	0.5745	0.6326	0.0341	-0.4011	-0.2495	-0.0695
PVX_089650	-0.3391	0.4304	0.9318	1.0426	0.6132	0.08	-0.1379	-0.6763	-0.3956
PVX_092270	-0.5655	-0.8413	-0.8512	-1.0294	-0.8413	0.649	0.8164	0.2489	-0.156
PVX_115180	0.5726	0.3602	0.412	0.4077	0.2611	-0.2535	-0.5452	-0.2057	-0.2431
PVX_084440	0.7164	0.5321	0.4813	0.3971	0.005	0.0223	-0.411	-0.4071	-0.2463
PVX_087140	-0.4169	-0.4008	-0.1375	-0.012	-0.0283	0.3291	0.8179	0.6696	-0.001
PVX_094465	-0.6452	-0.5137	-0.1755	0.168	0.6543	0.7813	0.3271	0.0255	-0.2957
PVX_099280	0.4781	0.1675	0	-0.0508	0.2634	0.5136	0.352	0.2341	0.3918
PVX_099880	0.8192	0.8643	0.6288	0.1415	-0.4397	-0.4612	-0.4047	-0.4712	-0.1721
PVX_124010	-0.7212	-1.043	-1.0217	-0.6505	-0.0551	0.5918	1.4488	1.2431	0.3491
PVX_123605	1.1	0.7481	0.136	-0.5665	-0.9221	-0.6726	0.2662	1.0128	1.7491
PVX_092700	0.6611	0.6003	0.1349	-0.5584	-0.9418	-0.9307	-0.5422	0.5306	1.4938

PVX_080060	0.2217	0.1128	-0.0724	0.3641	0.1641	-0.3315	-1.1319	-1.1283	-0.7324
PVX_115300	0.9182	0.7058	0.3382	-0.0424	-0.4728	-0.6118	-0.7561	-0.0158	-0.0823
PVX_081250	0.8405	-0.3648	-0.9573	-1.0938	-0.3331	0.11	0.3795	0.5593	1.1608
PVX_087860	0.1822	0.3406	0.4598	0.5161	0.1205	0.2249	-0.3101	-1.4006	-1.2837
PVX_100620	0.6999	0.501	0.5861	0.4231	0.1124	0.1348	0.5166	-0.0013	-0.218
PVX_082395	0.5493	0.401	0.5089	0.4448	0.4382	0.3588	0.0186	-0.5549	-0.5965
PVX_087920	0.4873	0.1678	0.4212	0.3361	0.654	0.6175	0.5612	-0.1967	-0.3476
PVX_001675	-0.1272	-0.5357	-0.5294	-0.6219	-0.77	-0.8315	-0.0646	1.2626	1.1513
PVX_114350	0.9218	-0.2005	-0.3288	-0.4382	-0.396	-0.3365	-0.2273	0.5968	1.3412
PVX_099545	0.1671	0.2251	0.2129	0.2251	-0.0581	0.2308	0.6055	-0.208	-0.203
PVX_101045	0.5065	0.9007	0.9495	0.8164	0.6928	-0.0385	-0.5233	-0.6473	-0.4262
PVX_099665	1.1821	0.2484	-0.3683	-0.7078	-0.6324	-0.5702	0.166	1.1589	1.4655
PVX_117405	0.0853	0.0467	0.0982	0.2284	0.2125	-0.0896	-0.0995	0.2223	0.5129
PVX_119335	1.2431	0.8926	0.4313	0.2257	-0.0382	0.2572	0.1431	-0.1501	0.0818
PVX_091490	0.1088	0.0456	0.2696	0.3856	0.4019	0.3694	0.553	0.4544	0.3504
PVX_075195	-0.6284	-0.6959	-0.6603	-0.4495	-0.5929	-0.2304	0.2622	-0.0861	-0.2869
PVX_114555	-0.832	0.0436	0.5511	0.9062	0.4248	-0.5266	-1.0902	-0.8037	-0.6198
PVX_115395	-0.4912	0.4604	1.1174	1.4204	0.9693	0.0485	-0.435	-0.4341	-0.2429
PVX_089125	0.1949	-0.0353	-0.1254	0.1556	0.3324	0.8093	0.5282	0.1545	0.0686
PVX_118455	-0.0264	0.1774	0.0644	0.2183	1.3767	0.222	-0.813	-0.9128	-1.0994
PVX_092450	-1.1765	-0.848	-1.2273	-1.2448	-0.4952	0.0657	1.2246	0.946	0.2239
PVX_101020	0.4681	0.213	0.0443	0.0309	-0.1586	-0.0993	-0.0068	0.3723	0.7447
PVX_096340	0.2365	0.5395	0.7125	0.6172	0.4738	0.5099	-0.5941	-1.2419	-1.1777
PVX_100740	0.2562	-0.0191	-0.1263	-0.0921	-0.0769	-0.2437	0.1038	0.3711	0.3568
PVX_113255	0.872	0.8459	0.3737	0.1206	-0.2744	-0.5673	-0.5466	-0.2077	0.1738
PVX_089590	-0.5689	-0.9842	-0.9393	-0.3529	0.356	0.8072	0.4204	0.1561	0.0822
PVX_097940	0.6761	0.975	0.7867	0.884	0.7073	0.4637	0.0354	-0.1127	-0.0397
PVX_080580	0.2495	0.4337	0.4068	0.3618	0.5666	0.0265	-0.3654	-0.5548	-0.693
PVX_081695	-1.3119	-0.4992	0.0474	0.2935	0.8088	0.7188	-0.009	-0.5611	-0.8676
PVX_088905	0.0034	0.4345	0.53	0.614	0.6657	0.5107	0.0451	-0.4105	-0.4706
PVX_080225	-0.5101	-0.9067	-0.4378	0.0816	0.4846	0.3017	-0.3804	-0.6986	-0.5788
PVX_117210	0.3294	0.3403	0.2856	0.2756	0.2323	0.2478	0.2616	0.4211	0.402
PVX_101145	-0.466	-0.4777	-0.5209	-0.2941	-0.4181	-0.6219	-1.2429	-0.9395	-0.9929
PVX_011110	0.1632	-0.1408	-0.0263	-0.2167	0.0294	0.1736	-0.1561	0.1653	0.1949
PVX_091785	-0.0911	0.2085	0.2797	0.3831	0.2213	0.7566	0.0736	-0.4142	-0.9609
PVX_095070	0.2321	0.2837	0.336	0.294	0.2112	0.2632	0.2968	0.2543	-0.1019
PVX_016140	0.0066	0.3161	-0.0961	0.047	-0.2029	0.0685	-0.054	0.0475	-0.2184
PVX_099015	0.3916	-0.0258	-0.134	-0.5624	-0.6011	-0.5276	-0.4301	0.2837	1.2235
PVX_079720	-0.8729	-0.9111	-0.9658	-1.185	-1.2966	-0.41	1.1327	1.1359	0.554
PVX_098630	0.0173	-0.6221	-0.9183	-0.5102	-0.0789	0.6077	0.7145	0.4062	0.5794
PVX_085680	-0.463	-0.4551	-0.3379	-0.0396	0.2992	0.4783	0.1928	-0.3232	-0.2039
PVX_094855	0.7821	0.422	0.4241	0.3714	0.2223	0.2027	-0.066	-0.4598	-0.2603
PVX_116650	0.5515	0.2869	0.2481	0.1559	0.2732	0.4652	0.3472	0.277	0.4677
PVX_115315	0.9027	0.6836	0.5917	0.5805	0.3016	0.1061	0.5366	0.1531	-0.3854
PVX_088140	-0.0643	0.2664	0.612	0.8185	1.0937	0.0667	-0.23	0.0049	0.3986
PVX_094675	0.0387	0.3161	0.4766	0.4717	0.1705	-0.3008	-0.6364	-0.558	-0.4724
PVX_086960	-0.7667	0.0891	0.345	0.3121	0.3122	0.0606	-0.1419	-0.3519	-0.4226
PVX_095335	0.0988	0.4343	0.6658	0.6513	0.639	-0.0366	-0.0803	-0.1133	0.0043
PVX_113800	0.0505	-0.1118	-0.2415	0.0057	0.0743	-0.2226	0.8827	1.0543	0.5334
PVX_119205	-0.8292	-1.1945	-1.4389	-1.5431	-1.3975	-1.604	-1.6462	-0.133	0.2592
PVX_091640	-0.3538	0.4692	0.6409	0.4877	0.1242	-0.8607	-1.21	-1.1105	-1.0788
PVX_079850	-1.1389	-0.3071	-0.2277	-0.1838	0.0439	0.2834	-0.1529	-0.7106	-0.8795
PVX_086190	0.573	0.4671	0.1912	0.0431	0.1189	0.6184	0.5014	-0.384	-0.3061
PVX_101125	-0.8922	-0.5275	-0.5052	-0.517	-0.1145	0.3944	0.2411	0.6437	0.5586
PVX_092975	-0.0981	-0.4544	-0.5785	-0.5521	-0.2462	0.8624	1.5572	0.1638	0.3218
PVX_086265	0.4003	-0.2456	-0.5087	-0.5217	-0.3004	-0.1179	0.2107	0.4249	0.7989
PVX_111275	-0.4734	-0.9514	-0.7459	-0.5065	-0.1038	0.6319	0.6526	-0.1699	-0.0892
PVX_114775	0.3113	0.4992	0.7354	0.6839	0.5697	0.8282	0.3381	-0.0642	-0.1986
PVX_097590	-1.2793	-1.2242	-1.4517	-1.4807	-1.5011	-1.4985	1.0906	1.4704	0.4035
PVX_122965	-0.0139	-0.2463	-0.5566	-1.0852	-1.0692	-0.7481	0.1869	0.4797	0.9877
PVX_084515	-0.5076	-0.1005	0.1316	0.1622	0.183	0.4002	-0.1479	-0.3982	-0.6749
PVX_087710	0.0527	0.0236	0.3563	0.3733	0.4868	0.1059	-0.1593	-0.0207	0.1253
PVX_092980	0.0975	0.0201	-0.1731	-0.173	-0.2898	0.096	0.5566	-0.06	-0.1781

PVX_001935	0.5899	0.3968	0.1601	0.0174	0.2786	0.0766	0.1617	0.2978	0.3588
PVX_111050	0.1765	0.0124	0.3145	0.4085	0.3465	0.1616	0.1554	0.294	0.1339
PVX_088265	-1.6443	-1.4049	-1.9538	-1.8918	-0.6857	1.2901	1.5058	0.2279	-0.2603
PVX_091105	-1.0469	-0.5393	0.1282	0.4825	0.648	1.0717	0.2595	-1.2794	-1.483
PVX_118630	-0.6661	0.2895	0.555	0.4553	0.446	0.2856	-0.6548	-0.4779	-0.5733
PVX_088070	0.2722	0.0366	0.1514	0.3451	0.3211	0.0588	-0.4106	-0.5343	-0.4578
PVX_115005	1.108	0.7357	0.607	0.421	0.162	-0.3972	-0.4594	-0.6174	-0.6768
PVX_092000	0.0616	-0.0434	0.0456	-0.1574	0.5195	0.9352	0.3048	-0.3774	-0.513
PVX_079730	0.8153	0.6668	0.5795	0.3726	0.2681	-0.3027	-0.2789	-0.0049	0.2855
PVX_123050	-0.4094	-0.8073	-0.7677	0.1225	0.393	-0.0258	-0.0305	-0.1525	-0.1011
PVX_087065	-0.4794	0.0338	0.1136	0.0882	0.3419	0.4625	0.0026	-0.5498	-0.7492
PVX_086235	-0.749	0.0344	0.3503	0.5708	0.7037	0.1011	-0.5668	-0.7926	-0.6576
PVX_099815	0.3722	-0.1575	-0.3384	-0.537	0.1671	0.1618	0.7689	0.8783	0.7098
PVX_081675	-0.873	-0.0498	0.1491	0.4397	0.3999	0.7158	-0.5602	-1.2211	-1.4886
PVX_092665	-0.1962	-0.1997	-0.3363	-0.5468	-0.5604	-0.211	0.0643	-0.2117	-0.3277
PVX_091365	-0.2266	0.5312	0.5138	0.8166	0.5695	0.2626	0.1667	-0.0791	-0.1275
PVX_090085	0.2341	0.0316	-0.1587	-0.2371	-0.1903	-0.0906	0.4647	0.4383	0.1717
PVX_091110	0.277	0.1263	0.1547	0.3107	0.0786	0.5404	0.2973	-0.3656	-0.5818
PVX_122725	-0.8202	-0.3475	0.0936	0.4867	0.8009	0.8614	-0.0142	-0.3336	-0.2642
PVX_089055	0.476	0.1448	0.2933	0.3109	0.3954	0.0309	0.0755	-0.0923	-0.4684
PVX_084950	-0.0172	-0.3877	-0.5021	-0.3242	-0.2282	-0.4296	0.8816	0.6013	0.2115
PVX_087040	0.8595	0.3138	0.292	0.5244	0.4471	0.5032	0.3622	0.1897	0.1055
PVX_123435	0.1017	0.2444	0.1793	0.335	0.3439	0.2266	-0.3447	-0.4106	-0.286
PVX_100555	-0.2348	-0.7323	-0.6766	-0.2055	0.5015	0.8572	0.4619	0.0463	-0.1943
PVX_000775	0.3122	0.4495	0.4011	0.4222	0.2259	0.3043	0.1594	-0.4468	-0.3218
PVX_114235	-1.0411	-0.3675	0.0792	0.319	0.3893	0.2828	0.0464	-0.2617	-0.6384
PVX_089405	0.6431	0.5841	0.3374	0.1532	-0.0044	-0.012	0.2425	0.4162	0.7087
PVX_106720	0.182	-0.0246	-0.0836	-0.4091	-0.5356	0.1759	0.0509	-0.1339	0.0427
PVX_079695	0.2096	-0.0961	0.1546	0.4009	-0.1839	-0.6092	-0.0484	0.3321	0.0894
PVX_080085	-0.5743	-0.9832	-0.8087	-0.2726	0.4225	0.8998	0.4816	0.4219	0.3808
PVX_123345	-0.0792	-0.2637	-0.2255	-0.0649	0.0548	-0.0647	-0.166	-0.0341	0.3137
PVX_094470	0.638	0.5866	0.5814	0.3773	0.3013	0.2674	-0.0077	-0.2409	-0.2222
PVX_113600	0.8644	0.6236	0.4697	0.5678	0.376	-0.4028	-1.0236	-1.6083	-1.1823
PVX_083255	0.0777	-0.5488	-0.4681	0.5009	0.754	1.1551	0.7771	0.389	0.5131
PVX_100850	0.8047	0.2247	-0.263	-0.9375	-0.926	-0.5698	0.1867	0.8949	1.3366
PVX_111025	-0.6667	0.5261	-0.1367	-0.3607	-0.6191	-0.3389	0.1364	1.0715	0.8913
PVX_002530	1.0545	0.4366	0.0218	-0.6648	-1.1137	-1.2722	-1.0605	-0.0415	0.3064
PVX_088970	0.3122	0.1921	0.1165	0.1585	0.1879	-0.0342	0.339	0.6007	0.593
PVX_122975	-0.0898	-0.1805	0.0948	0.1847	-0.1531	0.0181	0.3899	0.4277	0.8346
PVX_123965	0.6891	0.6439	0.5432	0.5578	0.4286	0.0844	-0.0398	-0.2971	-0.2798
PVX_000770	0.4613	0.3235	0.5307	0.5081	0.6029	-0.0981	-0.3592	-0.6469	-0.5953
PVX_123070	0.1659	0.1592	0.3788	0.4928	0.3321	0.1946	-0.4488	-1.4955	-1.4357
PVX_091340	0.5448	0.0497	-0.164	-0.2098	0.1997	-0.0861	-0.0288	0.5403	0.9655
PVX_081755	-0.0024	-0.4562	-0.6686	-0.6998	-0.2113	0.445	0.4424	0.1606	0.295
PVX_079775	-0.9214	-0.18	0.5135	0.7424	0.4379	-0.653	-0.76	-0.8067	-0.5109
PVX_100795	-0.2622	-0.5128	-0.7706	-0.8924	-1.0419	-1.3233	0.9774	0.872	0.4066
PVX_118655	0.1368	-0.0638	-0.1863	-0.3722	-0.5706	0.4311	0.5929	0.2134	-0.2301
PVX_114360	0.9078	0.2551	-0.0724	-0.1972	-0.2437	-0.1896	-0.0738	0.3784	0.8255
PVX_101100	0.0248	0.4394	0.5603	0.7116	0.6953	0.0898	-0.0863	-0.2521	-0.1037
PVX_118585	-0.641	-0.3795	0.0266	0.7428	1.0932	0.4411	-0.2153	-0.3545	-0.4787
PVX_081430	-0.1322	-0.2952	-0.399	-0.5178	-0.4878	-0.318	0.5291	0.391	0.236
PVX_123240	-0.0274	-0.0619	0.0223	0.3709	0.2646	-0.1083	-1.0469	-1.1918	-0.9227
PVX_124150	-1.2849	-1.1256	-0.3068	0.3158	1.1464	1.2342	0.1176	-0.4035	-0.6435
PVX_118680	-0.2773	0.2495	0.1284	-0.0076	0.0786	0.1799	0.2418	0.1659	0.2765
PVX_001640	-0.0333	-0.2617	-0.5972	-0.5647	0.0102	-0.6338	-1.0072	-0.6364	-0.7928
PVX_098745	-0.1212	0.2102	0.2646	0.2411	0.0993	0.0691	-0.0654	-0.024	-0.0133
PVX_085185	-0.1494	0.219	0.6037	0.696	0.6539	0.6043	0.3433	0.1184	0.0811
PVX_081665	0.4977	0.8616	0.7464	0.7531	0.4292	-0.0561	-0.0045	0.4571	0.6163
PVX_109795	-0.1344	-0.1514	-0.205	-0.2364	-0.4761	-0.4338	-0.6217	-0.3015	-0.3952
PVX_116525	0.6692	0.4535	0.2482	-0.0966	-0.1083	-0.1343	-0.0222	0.5766	1.2366
PVX_097605	-0.1185	0.1379	0.1671	0.138	-0.0722	-0.0563	-0.5241	-0.8165	-0.8087
PVX_113240	-1.0494	-1.2601	-1.4815	-1.6505	-1.693	-2.2428	-1.8841	1.0101	1.0007
PVX_083035	0.8675	0.3553	0.3968	0.5131	0.609	-0.1931	-0.4859	-0.4641	-0.1657

PVX_083040	0.5729	0.3434	0.3371	0.2718	0.3735	-0.0994	-0.5007	-0.392	-0.074
PVX_092500	0.7495	-0.0703	-0.3477	-0.7238	-1.0132	-1.2116	-0.1821	0.7473	1.634
PVX_118350	-0.0281	-0.1644	-0.1282	0.1351	0.2696	0.0669	0.1211	0.0483	-0.0216
PVX_104180	-0.2154	-0.1191	0.0642	0.1807	0.0752	-0.4301	-0.6352	-0.3997	-0.3231
PVX_095055	-0.8867	-0.9079	-0.8791	-0.7481	-0.8378	-0.7231	0.7782	1.32	0.8147
PVX_122275	-0.0597	0.1563	0.4099	0.5139	0.2576	0.4907	0.1033	-0.499	-0.2342
PVX_099425	-1.1451	-0.1641	0.2804	0.3979	0.5941	0.2567	-0.1272	-0.5498	-0.2202
PVX_089925	-0.705	-0.234	0.1369	0.3861	0.7293	0.5447	0.3926	-0.3457	-0.7181
PVX_092550	0.1465	-0.379	-0.4586	-0.4984	-0.3457	-0.097	0.3944	0.7045	0.4572
PVX_091030	0.1317	0.3491	0.1709	0.2109	-0.2629	-0.0139	0.127	-0.2314	-0.6421
PVX_117365	0.78	0.5584	0.3025	-0.0472	0.076	0.3732	0.7488	0.7753	1.2479
PVX_001035	-0.1057	-0.2292	0.2704	0.3898	0.3155	-0.1964	-0.1306	-0.206	-0.2492
PVX_111260	0.4005	0.6551	0.7618	0.6071	0.5641	0.4172	0.0142	-0.5179	-0.4067
PVX_117010	-0.1096	-0.0362	0.0158	-0.0251	-0.1974	0.3565	0.2655	-0.1492	-0.2996
PVX_097785	-0.4092	0.5267	0.6438	0.5026	0.532	0.5131	-0.2467	-0.4987	-0.3746
PVX_089010	0.4667	0.5304	0.5975	0.5971	0.6385	0.4627	-0.0867	-0.518	-0.2226
PVX_114855	0.3283	0.1979	-0.0241	0.0592	0.3678	0.1919	0.0732	0.0804	0.3223
PVX_081810	-0.5393	-0.1677	0.2707	0.3436	-0.0934	-0.6838	-0.7112	0.885	0.8689
PVX_116935	0.0131	0.0759	0.2321	0.3172	0.316	0.1546	-0.0354	-0.3054	-0.3186
PVX_092890	-0.431	-0.7095	-0.7955	-0.7804	-0.1884	0.9538	0.6599	0.3034	-0.0358
PVX_113955	-0.4208	-0.2251	-0.019	-0.0803	0.2242	0.4033	0.0935	-0.0996	-0.3644
PVX_095995	-0.5947	-0.0975	-0.1627	-0.1146	-0.5161	0.1524	0.762	0.1193	-0.4072
PVX_092195	-0.0803	0.2317	0.3847	0.4181	0.5078	0.3359	-0.2441	-0.3944	-0.2575
PVX_080025	-0.9287	0.3044	0.3199	0.4492	0.3581	-0.3794	-0.0364	0.2825	-0.564
PVX_080655	0.0554	0.4482	0.6229	0.7211	0.7535	0.0403	0.117	-0.1608	-0.3288
PVX_109280	-0.3991	-0.71	-0.1961	0.2404	0.058	-0.672	-0.573	0.8611	0.9812
PVX_123980	0.0508	-0.4631	-0.7913	-0.7338	-0.4864	0.2475	0.9699	0.7189	0.4097
PVX_091215	0.651	0.5532	0.3563	0.0735	-0.1347	-0.161	0.0175	0.5875	0.4562
PVX_101400	0.8463	-0.0127	-0.719	-1.3158	-1.7963	-1.6021	0.3789	1.173	1.4059
PVX_001645	-1.3142	-0.8123	-1.1188	-1.0342	-0.4155	-0.1255	-0.7208	-0.1677	-0.4301
PVX_003805	-1.5749	-1.7044	-1.7889	-1.7807	-1.8022	0.143	1.5639	0.9947	-0.162
PVX_086965	-0.4696	-0.0595	-0.0998	0.0384	0.1103	0.0806	-0.4282	-0.9944	-1.6416
PVX_100600	-0.012	0.3251	0.5236	0.6386	0.3834	0.0839	0.402	0.1298	0.2199
PVX_123410	0.5169	0.4001	-0.0388	-0.4903	-0.5412	-0.7412	-0.4246	0.4178	1.2255
PVX_082640	0.3988	0.7048	0.7198	0.7452	0.2818	-1.0759	-1.5014	-1.3499	-1.1586
PVX_089640	-1.1618	-0.0188	0.3862	0.9335	0.3206	0.876	0.3744	-0.2854	-1.1242
PVX_110844	-0.5787	-0.3221	-0.4493	-0.4131	-0.4097	0.3419	0.6044	0.5372	0.4491
PVX_084815	-0.2239	-0.538	-0.7512	-0.6389	-0.6198	-0.0548	1.2978	0.9489	0.2072
PVX_088105	0.7675	0.3618	0.358	0.3307	0.2658	-0.3335	-0.6949	-0.7213	-0.4162
PVX_114300	0.283	0.0897	0.2808	0.2904	0.0471	-0.189	0.5247	0.2065	0.47
PVX_118660	0.4389	0.1457	-0.0797	-0.2386	-0.3778	-0.0839	0.3533	0.5659	1.2137
PVX_082740	0.6139	0.3017	-0.0079	0.0702	-0.1716	0.258	0.1208	0.0147	0.1976
PVX_002550	0.4251	0.469	0.3575	-0.188	-1.4988	-2.0691	-0.9821	0.992	0.8045
PVX_003715	0.6124	-0.3496	-0.687	-0.1468	0.2434	0.0537	0.2236	0.5359	0.8053
PVX_110965	-0.1826	0.382	0.8252	0.7823	0.5082	-0.688	-0.7826	-0.5204	-0.3227
PVX_113525	-0.1212	0.0602	0.0993	0.1711	0.5556	0.3677	-0.0069	0.0333	0.2926
PVX_094865	0.6985	0.5873	0.3462	0.407	-0.0709	-0.0316	0.1711	-0.1081	-0.2123
PVX_122030	-0.2432	-0.6353	-0.7308	-0.6448	0.2299	0.7483	0.8593	0.3533	0.0894
PVX_000740	0.3356	-0.0715	-0.0021	0.2924	0.1985	0.3359	0.4067	0.3498	0.1072
PVX_089545	-0.2759	-0.3739	-0.3275	-0.5688	-0.4977	0.9708	1.029	1.0584	0.7412
PVX_114030	0.6323	0.4038	0.5748	0.7932	0.6803	0.273	0.423	0.4064	-0.0104
PVX_082560	-0.5732	-0.2547	0.0889	0.0143	0.1001	-0.0115	-0.332	-0.7522	-0.7925
PVX_123180	0.172	-0.0504	0.2768	0.3831	0.2643	0.3561	0.1246	0.2751	0.4428
PVX_084550	-0.1021	0.1225	0.278	0.5741	0.375	-0.1033	-0.0771	0.1336	0.1986
PVX_091140	0.9241	0.5915	0.5301	0.23	-0.0344	-0.5316	-1.1184	-1.0776	-0.9203
PVX_085445	-1.3166	-0.8549	-0.7028	-0.4597	-0.3242	-0.3406	-0.3083	0.3746	0.2249
PVX_080500	0.5874	0.6744	0.4343	1.0607	0.8317	0.4206	0.2084	0.0874	-0.0602
PVX_113590	0.4463	-0.5045	-1.1125	-1.5071	-1.1497	-0.4889	0.5428	0.8234	0.4807
PVX_092085	0.747	0.7463	0.7186	0.5174	0.224	-0.2469	-0.7165	-1.0533	-0.9963
PVX_098045	0.0598	0.5215	0.4722	0.0408	0.0848	-0.1452	-0.7263	-0.7843	-0.3102
PVX_000800	-0.2916	-0.5141	-0.083	0.524	0.7204	0.8038	0.3689	0.0919	0.1592
PVX_084220	0.9198	1.0977	0.6785	0.3444	-0.0537	-0.6077	-0.4484	-0.3674	-0.1076
PVX_117105	0.9189	0.6647	0.7495	1.1563	0.9439	0.2282	0.2012	-0.8417	-0.7105

PVX_101315	-0.2921	-0.2259	-0.1991	-0.2955	-0.2353	-0.0468	-0.1	-0.2821	-0.554
PVX_092445	0.9669	0.3564	0.3015	0.3741	0.1191	-0.3247	-0.4446	-0.2696	-0.115
PVX_094375	0.4603	0.627	0.7117	0.7261	0.7724	0.3031	-0.8839	-1.4214	-1.0281
PVX_090920	-0.3287	0.3108	0.4232	0.5657	0.4865	-0.3534	-0.8336	-0.8741	-0.6204
PVX_122025	-0.4024	-0.3663	-0.5705	-0.4162	0.0181	0.4393	0.1313	-0.1038	0.0088
PVX_081720	-0.7564	-0.6741	-0.0409	0.3365	0.2688	-0.1076	-0.5564	-0.4658	-0.4109
PVX_003965	-0.8095	-0.0875	0.0073	0.2145	0.3269	0.1089	-0.4087	-0.6021	-0.6361
PVX_001705	1.0308	0.3015	0.2267	0.0115	-0.3561	-0.7842	-0.8247	0.5401	0.9492
PVX_112125	0.6682	0.3307	0.0582	0.295	0.169	-0.0283	-0.0497	-0.0229	0.3495
PVX_090020	-0.916	-0.2602	-0.3943	-0.6866	-1.2813	-0.9571	0.653	0.7542	0.2276
PVX_082765	0.8514	0.2925	-0.2677	-0.5293	-0.9287	-1.0797	0.1845	0.5088	0.3574
PVX_122190	0.5615	0.2163	-0.0864	-0.0789	0.1079	-0.3386	-0.4798	-0.4733	-0.9178
PVX_091800	0.107	0.1077	0.2243	0.1643	0.28	0.4199	-0.0873	-0.4221	-0.4124
PVX_009090	0.2329	0.277	0.276	-0.0565	0.0602	-0.4148	-0.2381	-0.1128	0.02
PVX_111075	-0.4603	-1.0734	-1.3951	-1.4742	-1.2513	-0.2703	1.5015	0.493	0.027
PVX_117890	-0.3431	0.0037	-0.1083	-0.0424	0.0205	0.5587	0.1021	-0.2674	-0.1169
PVX_092870	-0.3019	0.1457	0.144	0.0495	-0.0628	-0.0295	0.0538	0.1922	-0.1171
PVX_100625	-0.6115	0.0717	0.3955	0.4599	0.4315	-0.2094	-0.3818	-0.7336	-0.8335
PVX_114445	-0.5181	0.1261	0.4236	0.627	0.5381	0.3116	-0.8058	-1.9052	-2.0909
PVX_090135	0.8442	-0.0898	-0.1568	-0.4943	-0.3577	-0.1824	0.8449	0.8676	1.1664
PVX_099560	0.3435	0.3737	0.2443	0.058	-0.1991	-0.013	0.1339	0.8429	1.1788
PVX_085595	0.2553	0.0926	-0.0022	0.3978	0.39	0.6778	0.0936	-0.0251	0.1408
PVX_088945	0.4716	0.6609	0.659	0.6287	0.503	0.158	-0.1543	-0.4344	-0.3858
PVX_099765	-0.1955	-0.0621	0.0141	0.0064	0.1598	0.1666	-0.1559	-0.3101	0.0194
PVX_113770	0.684	0.7493	0.7496	0.6216	0.6123	0.9433	0.2698	-0.0742	-0.2982
PVX_083385	0.9624	0.7914	0.8305	0.8248	0.5192	0.3736	0.0958	-0.0448	-0.1902
PVX_001740	0.5285	0.192	-0.2752	-0.4352	-0.1142	0.5822	0.9762	1.0641	0.9579
PVX_085070	0.2437	0.2033	0.2721	0.4055	0.4371	0.5238	0.1344	-0.0988	-0.1906
PVX_118470	-0.7464	-0.951	-1.1451	-1.2494	-0.9025	1.0243	0.8855	0.1014	-0.1072
PVX_002825	-0.4917	0.2799	0.762	0.9507	0.8295	0.1952	-0.5062	-0.6432	-0.4518
PVX_115170	-0.0473	-0.1172	0.0519	0.0531	0.2199	0.0715	0.1888	-0.3623	-0.4518
PVX_080265	-0.0701	-0.0005	0.0528	-0.1181	0.0362	-0.1576	-0.4005	-0.3547	-0.5574
PVX_079870	0.2641	0.0657	-0.1667	0.0013	-0.2394	0.5969	-0.0022	0.4786	0.5538
PVX_122055	-0.2704	0.3258	0.6792	0.8019	0.6074	-0.4323	-0.6115	-0.6581	-0.3954
PVX_097000	-0.6057	-1.1649	-1.7408	-2.0098	-2.0164	-2.1444	-1.82	0.2392	0.7894
PVX_115440	-0.9083	-0.3909	0.3887	0.656	0.5381	0.3609	-0.4104	-0.9501	-0.6234
PVX_083315	0.4677	0.0299	-0.0579	-0.2472	0.0623	-0.2706	-0.001	0.5306	0.6847
PVX_116945	0.4969	-0.0381	-0.5669	-0.8739	-0.2569	0.0766	0.0793	0.4534	0.9649
PVX_118615	-0.5325	-0.8218	-0.7116	-0.1455	0.5569	0.8181	0.4074	-0.0203	-0.1549
PVX_114840	0.4383	0.1279	-0.3272	-0.5862	-0.4502	-0.0829	0.51	0.643	0.6801
PVX_123700	-0.853	-0.983	-1.1364	-1.4965	-1.4835	-0.7102	1.2076	1.3058	0.5903
PVX_088820	-0.7906	-0.7378	-0.6946	-0.8679	-1.2926	-1.8276	-1.5704	0.5976	1.1117
PVX_113990	0.4835	0.9518	1.0773	0.9081	0.4084	-0.6651	-0.6961	-0.6304	-0.4241
PVX_089460	-0.5662	-0.5375	-0.3244	-0.1569	-0.3879	-0.337	0.0339	1.1134	1.0692
PVX_092080	-0.413	-0.3616	-0.2304	-0.3997	-0.6872	0.1566	0.5075	0.2405	-0.1011
PVX_084595	-0.5352	-0.634	-0.5998	-0.4263	-0.4947	-0.2193	0.8665	0.5447	0.1287
PVX_087970	0.3979	0.7189	0.8597	0.6782	0.1752	-0.4288	-0.9499	-1.4584	-1.2757
PVX_003745	-0.7374	-0.7314	-0.7817	-0.8157	-0.7879	-0.1138	0.3161	0.9985	0.6753
PVX_113731	-0.0337	0.2291	0.1425	-0.1564	-0.1527	0.2269	0.309	0.4709	0.3472
PVX_099125	0.3826	0.3209	0.3023	0.1989	0.3389	-0.0505	-0.106	0.0947	0.0196
PVX_119565	-0.0278	0.058	0.2468	0.2811	0.2253	0.1639	-0.0479	-0.5193	-0.4783
PVX_124185	0.9358	0.6068	0.3806	0.2631	0.0595	-0.2065	-0.2324	-0.4957	-0.4019
PVX_117100	-0.1638	-0.5438	-0.5366	-0.0536	0.4618	0.7795	0.2193	0.0313	0.2554
PVX_117185	0.4381	-0.0231	-0.4816	-0.6215	-0.1954	0.726	0.7523	1.0624	0.9239
PVX_094780	0.877	0.4511	0.4384	0.1602	-0.2116	-0.703	-0.1178	0.4177	-0.0158
PVX_081415	0.1567	0.2746	0.4414	0.6521	0.8877	0.5287	0.8908	0.4559	0.1147
PVX_122570	-0.4404	0.1658	0.0705	0.2997	0.3282	-0.0915	-0.4135	0.2534	0.2808
PVX_121855	-1.899	-1.8624	-2.0376	-2.1784	-2.2155	-1.681	-1.6957	-1.8886	-1.9009
PVX_083360	0.1243	-0.1526	-0.1897	0.1279	0.5512	0.2165	0.6892	0.8374	0.4781
PVX_123205	0.1001	0.2759	0.204	0.1936	0.3223	0.5384	0.3059	-0.2113	-0.3175
PVX_084360	0.9899	0.5055	0.2583	-0.3428	-0.4788	-0.4233	0.1382	0.8696	1.0714
PVX_000950	-0.7346	-0.5011	0.1684	0.5612	0.5497	-0.0511	-0.3343	-0.5765	-0.4949
PVX_082615	-0.2699	-0.5533	-0.6804	-0.8956	-0.4488	0.2482	0.4809	0.1814	-0.2753

PVX_003800	-1.0454	-0.2565	-0.2463	-0.4563	-0.6677	0.8935	0.9815	-0.0705	-1.2202
PVX_114785	0.1755	0.1661	0.0064	0.1271	-0.2685	-0.0501	-0.1414	-0.2971	-0.2999
PVX_101325	0.4735	0.058	-0.1939	-0.1175	0.1773	0.5965	0.3373	-0.121	-0.1524
PVX_122925	0.0272	0.6136	0.5928	0.6842	0.2106	0.1076	0.0824	0.136	0.1188
PVX_099045	-0.0198	-0.0735	-0.1915	0.0766	0.6747	0.6694	0.5164	-0.3794	-0.4675
PVX_097720	-1.0855	-1.3455	-1.5584	-1.6044	-1.2133	-0.4133	0.8333	0.6859	0.2032
PVX_086350	-0.4111	-0.6783	-0.3847	-0.0343	0	-0.3722	-0.2934	-0.264	0.2971
PVX_089140	-0.5745	0.1766	0.3799	0.4818	0.7625	0.1324	-0.9412	-1.1701	-1.0692
PVX_000965	1.0954	0.8335	0.6923	0.4482	0.2879	-0.2287	-0.4489	-0.3049	0.1214
PVX_123425	1.0061	0.4087	-0.5883	-1.5097	-1.8074	-1.6272	0.286	1.2644	1.6123
PVX_097915	0.1029	0.263	0.4215	0.1731	0.051	0.0207	-0.6701	-1.1139	-0.9644
PVX_117330	-0.0768	-0.6842	-0.294	0.0575	-0.1414	-0.4752	0.0054	0.642	0.4358
PVX_096175	0.1463	-0.0472	-0.268	-0.1434	-0.21	-0.3984	-0.0754	0.5608	0.9574
PVX_084265	-0.1353	-0.1111	0.181	0.4156	0.5248	0.6808	0.3318	-0.0726	0.06
PVX_091955	0.0357	-0.4704	-0.4887	-0.4702	0.0496	0.1869	0.5427	0.4204	0.421
PVX_084350	-0.8916	-0.8957	-0.7691	-0.7518	-0.7675	-0.7963	0.9273	0.9918	0.4942
PVX_099750	-0.2082	-0.3032	-0.004	0.0294	0.2412	0.2585	0.2336	0.0023	-0.0792
PVX_080005	-0.4224	-0.5167	-0.2163	0.0835	0.7281	0.818	0.0486	-0.4349	-0.4253
PVX_084500	-0.3843	-0.4157	-0.9423	-0.9825	-0.2979	0.8571	1.133	0.4622	0.0723
PVX_096355	-0.4773	0.4099	0.5889	0.7143	0.5306	-0.0718	-0.516	-0.5591	-0.448
PVX_114685	-1.5812	-0.0834	0.1626	0.5443	0.9021	0.8033	-0.4465	-1.416	-1.5079
PVX_123935	-2.2458	-0.1021	0.2317	-0.2227	-1.0709	-1.8305	-2.0939	-1.6064	-1.3492
PVX_089135	-0.0125	0.8319	1.0784	1.1748	1.0424	-0.0975	-0.3898	-0.3639	-0.3148
PVX_093545	0.7154	0.3458	0.166	0.2137	0.0051	-0.4015	-0.436	-0.0699	-0.0609
PVX_085345	-0.493	0.0849	0.4364	0.3765	0.2306	-0.3589	-0.8915	-1.0573	-1.0021
PVX_092650	0.6367	0.1596	0.0247	-0.293	-0.5734	0.022	0.2447	0.2972	0.5729
PVX_092960	-0.2664	0.2686	0.1306	0.0662	-0.0445	0.1182	-0.106	-0.2814	-0.1862
PVX_115020	-0.3216	-0.0549	-0.0194	-0.1348	-0.1389	0.25	0.3785	0.1349	-0.0736
PVX_114690	-0.2531	-0.1139	0.2398	0.3073	0.4647	0.4009	-0.1356	-0.2075	-0.1739
PVX_118665	0.1794	0.2934	0.5058	0.6067	0.2665	0.8876	0.8889	0.5586	0.5753
PVX_098590	0.249	0.3649	0.3349	0.1594	0.1088	-0.0169	0.4331	0.6123	0.6952
PVX_096325	0.4256	0.4531	0.4876	0.4111	0.271	0.4181	0.4582	0.2949	0.2312
PVX_092455	0.3372	0.4455	0.0983	0.1069	0.1656	0.2196	-0.3959	-1.0518	-1.035
PVX_099055	-0.5847	0.1877	0.3494	0.4447	0.5182	0.6568	-0.2246	-0.7946	-0.8282
PVX_094410	0.7631	0.4286	0.3577	-0.1226	-0.2375	-0.2457	0.3591	0.3282	0.9048
PVX_116620	-0.1901	0.6299	0.994	1.1322	0.4993	-0.3381	-1.2645	-1.3307	-1.1272
PVX_114635	-0.1361	0.1099	0.0448	0.2158	-0.185	-0.137	0.1573	0.1167	0.3548
PVX_091410	-0.1609	0.4951	0.298	-0.0916	-0.5495	0.3438	-0.2424	0.348	-0.0787
PVX_081210	0.4969	0.4168	0.4332	0.4655	-0.0047	-0.9247	-1.144	-0.1764	0.29
PVX_091570	-0.673	-1.0242	-1.3474	-1.426	-1.271	-0.9318	0.7684	0.7817	0.2625
PVX_122290	-0.0804	-0.294	-0.0118	0.3127	0.2481	-0.1894	0.2104	0.1131	-0.0287
PVX_101285	0.6248	0.7078	0.5153	0.2643	0.3469	0.1157	-0.4	-0.7059	-0.4575
PVX_085755	-0.2598	0.235	0.1119	0.2785	0.0548	0.4209	0.3579	-0.1846	-0.1884
PVX_099995	0.0855	-0.03	-0.1636	-0.107	-0.4177	0.3288	0.2119	-0.1817	-0.5046
PVX_084460	0.0112	0	0.037	0.709	0.6107	0.0895	0.1497	0.2797	0.332
PVX_099270	0.1263	-0.2228	-0.211	0.0209	0.4866	0.571	0.3729	0.0326	0.0718
PVX_121990	-1.3316	-1.4059	-0.7177	0.1634	0.4415	0.2154	-0.7044	-1.2659	-0.8542
PVX_084495	-0.5286	-0.3243	-0.0462	0.3685	0.5674	0.266	-0.0847	-0.8546	-1.1546
PVX_099930	-2.5093	-2.4227	-2.7814	-2.9042	-2.671	0.6415	1.5025	0.5388	-0.5486
PVX_095010	-1.1962	-1.7714	-1.8357	-0.8211	0.2818	0.3735	0.3095	-0.1135	-0.6684
PVX_000000	0.6853	0.8657	0.4858	0.1867	-0.3672	-0.2324	-0.2087	-0.3438	0.0259
PVX_000980	-0.5104	-0.6287	-0.698	-0.7744	-0.8106	-0.7801	0.8684	1.1357	0.5289
PVX_079800	0.1101	0.3124	0.1546	-0.0191	0.002	0.6245	0.5884	0.2	-0.0073
PVX_093645	0.39	0.3087	0.3135	0.1628	0.2642	0.3531	0.2147	0.3993	0.5604
PVX_117675	0.6375	0.5772	0.136	-0.3977	-0.6819	-0.7287	-0.3922	0.2962	1.2409
PVX_003835	-1.192	-1.3456	-1.2423	-1.3146	-0.358	1.0464	0.8181	0.0425	-0.7631
PVX_093600	0.1779	0.0151	-0.2165	-0.4666	-0.3125	-0.4341	-0.4594	0.194	0.4947
PVX_094915	0.4053	0.1575	0.2239	0.1704	0.3852	0.8526	0.6218	0.5046	0.6479
PVX_100840	0.0407	0.2646	0.1648	0.3841	0.2377	0.3462	-0.1947	-0.3781	-0.4158
PVX_082605	-0.2774	-0.2745	0.2551	0.2843	0.6746	0.3248	0.0197	-0.1623	-0.1851
PVX_007080	-0.0456	-0.169	-0.2838	-0.2809	-0.5298	0.417	0.5475	-0.0015	0.0867
PVX_123140	0.4682	0.4195	0.2265	-0.061	0.0151	0.0197	0.2989	0.1301	0.2049
PVX_117830	-0.1605	0.3236	0.3641	0.394	0.271	0.0387	-0.2642	-0.1467	-0.3734

PVX_001770	0.3061	-0.1301	-0.1905	-0.1091	0.0202	-0.1616	-0.3049	0.3098	0.4541
PVX_122825	0.4972	0.64	0.5236	0.6348	0.455	0.1453	0.0068	0.0419	0.0519
PVX_118080	0.5025	-0.014	-0.2937	-0.1755	-0.0417	-0.1495	0.7422	0.9882	0.9209
PVX_090305	0.9786	0.8185	0.5348	0.103	-1.3976	-1.6658	-1.5277	-1.1534	-0.6319
PVX_094610	-0.694	-0.9451	-0.9512	-0.2153	0.4443	0.8376	0.401	-0.0989	-0.5362
PVX_096935	0.6109	0.4393	0.3335	-0.098	0.0315	0.0489	-0.0849	0.1366	0.3432
PVX_081240	0.1394	-0.2803	-0.2557	-0.1426	0.3623	0.5874	0.1825	0.1578	0.3458
PVX_119575	0.2089	-0.2187	-0.3688	-0.67	-0.1921	0.1666	0.4188	0.4708	0.6813
PVX_084650	0.2419	0.2042	0.4537	0.3538	0.3914	-0.648	-1.2508	-1.3283	-0.7669
PVX_094360	-0.3516	-0.268	0.2548	0.9108	0.6717	-0.3341	-0.8441	-0.4188	0.1729
PVX_115425	0.895	0.7229	0.403	-0.393	-0.5855	-0.6015	-0.4494	0.4636	1.6674
PVX_114215	0.7542	0.3707	0.1398	0.1294	-0.0479	0.0719	0.5153	0.8625	0.8663
PVX_095345	0.2604	0.3482	0.5744	0.3603	0.7222	0.6244	0.5803	0.2347	0.231
PVX_089295	0.2307	0.2719	0.2727	0.3708	0.5594	-0.1292	-0.1843	-0.1271	-0.0927
PVX_091380	0.2663	0.0299	-0.0887	-0.022	0.0516	0.252	0.3972	0.4363	0.3462
PVX_113395	-0.3346	-0.6193	-0.4234	-0.0662	0.3724	0.2852	0.0848	-0.1339	-0.248
PVX_114610	0.6535	0.4429	0.1697	-0.3836	-0.8773	-0.9064	-0.7476	-0.0111	1.1764
PVX_092710	-0.1921	-0.4163	-0.5183	-0.5359	-0.4883	0.0517	0.5534	0.1916	-0.0625
PVX_094240	-0.102	0.0733	-0.0499	0.0054	0.2226	0.93	1.174	0.7223	0.0492
PVX_094625	0.3732	0.3138	-0.014	-0.0441	-0.2177	-0.2881	0.0072	0.1637	0.4437
PVX_100775	0.076	-0.3218	-0.1627	0.1733	0.3812	0.7686	0.2014	0.1148	0.4419
PVX_089520	0.5539	0.1393	-0.1408	-0.6019	-1.01	-0.9896	-0.4801	0.1946	1.2499
PVX_000985	0.3343	0.3093	0.2608	0.1857	0.3198	0.4332	0.6422	0.3243	0.3414
PVX_000680	-0.3065	0.5499	0.6662	0.732	0.0092	-0.2839	-0.1237	0.0259	0.1254
PVX_124040	0.1667	-0.0609	0.3231	0.474	0.455	-0.2298	-0.1781	-0.0088	-0.2113
PVX_118210	0.4811	0.2427	0.072	0.055	-0.003	-0.2631	-0.079	0.0164	0.2005
PVX_123100	0.0967	0.2134	0.0143	-0.1545	-0.3975	-0.527	-0.8682	-0.5281	0.3728
PVX_083375	-0.784	-0.4257	-0.3858	-0.2086	0.1012	0.4255	0.6626	0.2863	-0.5231
PVX_084285	-0.3127	0.6275	0.8505	0.7777	0.3933	-0.2921	-0.2766	-0.0584	-0.0664
PVX_083150	0.3235	0.1565	0.0141	-0.2937	-0.352	-0.6683	-0.2248	0.4187	0.9049
PVX_085610	0.079	0.3379	0.4263	0.329	0.2134	0.0012	-0.1609	0.0323	0.518
PVX_118505	0.0619	0.3301	0.3545	0.4654	0.2487	-0.1806	-0.2777	-0.4041	-0.4564
PVX_111065	-1.0772	-0.2393	0.5593	0.8211	0.6135	-0.5929	-1.0252	-1.0306	-0.9264
PVX_099705	0.1239	0.1725	0.3007	0.3576	0.7659	0.5863	0.2451	0.2166	0.2236
PVX_088090	0.2475	0.0243	-0.0421	-0.0239	-0.4909	-1.6352	-1.7166	0	0.1823
PVX_002485	0.833	0.9908	0.7318	0.4924	-0.9118	-1.4545	-1.3851	-1.3053	-0.7115
PVX_115140	-0.6496	-0.1375	0.2571	0.5097	0.7337	0.407	-0.3504	-0.7206	-0.7083
PVX_121880	0.9412	0.7338	0.3685	-0.0843	-0.4843	-0.3821	-0.4901	-0.6305	-0.2947
PVX_082905	-0.3903	-0.4689	-0.7521	-0.8032	-0.4598	0.4626	1.0323	0.7167	0.1639
PVX_099895	-0.0687	0.7591	0.9407	0.937	0.1957	-0.0285	-0.3796	0.0417	-0.118
PVX_111520	-1.54	-1.5598	-1.7349	-1.8831	-1.9646	-1.6083	1.1077	1.3689	0.6522
PVX_092485	-0.1393	1.018	1.0491	0.7057	-0.496	-1.1261	-0.3407	-0.3447	-0.3857
PVX_050190	-0.089	0.1712	0.1771	0.4363	0.4637	0.329	0.0368	0.2303	-0.1023
PVX_099245	-0.109	-0.4762	-0.6629	-0.466	0.3246	0.2967	0.8117	0.9665	0.5823
PVX_085465	0.0215	0.1497	0.0921	-0.0692	-0.2651	0.0508	0.7029	0.3153	0.1106
PVX_117990	-0.2285	-0.2002	-0.0413	0.0796	0.2598	0.2492	0.2613	0.1786	0.0244
PVX_005575	-1.346	-1.3589	-1.4691	-1.5275	-1.1451	1.1293	0.8592	-0.2781	-0.8252
PVX_110885	0.8405	-0.2707	0.3529	0.4145	0.1449	0.2194	0.2163	0.7115	0.8284
PVX_092855	-0.3072	-0.2973	0.0819	0.467	0.1376	0.045	0.7235	0.5009	0.3053
PVX_101615	-0.8138	-0.7936	-0.6427	-0.6176	-0.4555	-0.0365	-0.5819	-0.3639	-0.497
PVX_115120	-0.8427	-0.8663	0.1663	0.5311	0.5835	-0.0998	-0.5634	-0.834	-0.8335
PVX_031690	0.355	0.9115	1.065	0.7644	0.8055	0.157	-0.3082	-0.3726	-0.4663
PVX_084700	-0.5538	-0.1338	0.2932	0.6207	0.6238	-0.0344	-0.9667	-1.1115	-1.0881
PVX_101450	0.4928	0.2206	0	0.0881	0.4072	0.3835	0.6149	0.0703	0.4605
PVX_090090	0.713	0.0789	-0.0946	-0.2234	-0.0306	0.3143	-0.0189	-0.4543	-0.4919
PVX_097555	1.0333	1.1985	1.3001	1.1655	1.0699	0.0499	-0.1484	0.0686	0.5371
PVX_116925	0.8708	0.7115	0.5947	0.5977	0.4763	-0.1784	-1.0249	-0.8081	-0.3285
PVX_097575	0.9028	0.4469	-0.0142	-0.8107	-1.9206	-1.9576	-1.8879	-0.3234	0.057
PVX_101035	0.0562	0.1578	0.2726	0.288	0.4	-0.0786	-1.0581	-1.7937	-1.8265
PVX_122105	0.0694	0.0484	0.7844	1.2818	0.8905	0.2698	-0.0962	-0.4876	-0.2524
PVX_082795	0.3997	0.0906	0.0552	-0.0181	0.0097	-0.2179	-0.0202	0.0719	0.2458
PVX_000535	0.4086	0.7043	0.7003	0.6387	0.2393	-0.0959	-0.2449	-0.1977	0.1
PVX_089665	-0.2033	0.2915	0.6715	0.5333	0.3586	0.2386	0.0131	-0.2386	-0.1854

PVX_084795	-1.0156	-0.0964	0.3951	0.779	0.0918	-1.2041	-1.4522	-1.4905	-1.3444
PVX_085450	0.2005	-0.0249	0.263	0.2128	0.6251	1.0713	0.3479	0.1684	0.2058
PVX_117720	0.6253	0.847	0.3721	0.2197	-0.2193	-0.597	-0.5191	0.2263	0.6713
PVX_099250	-1.5708	-0.648	0.2419	0.8031	0.8201	-0.0879	-1.0492	-1.3965	-1.2532
PVX_003855	0.6255	0.4107	0.5242	0.4633	0.5767	0.2781	-0.0744	-0.3955	-0.3021
PVX_079835	-0.1674	-0.4611	-0.3677	-0.4028	-0.3696	-0.6754	0.7343	0.8274	0.5115
PVX_082910	-0.1266	-0.3207	0.0126	0.2308	0.1193	0.5613	0.3117	0.1826	0.2199
PVX_081555	-0.2848	-0.4786	-0.6418	-0.6787	-0.5846	0.7392	1.0992	0.5955	0.3527
PVX_122095	-0.4949	-0.0062	0.3848	0.5917	0.4756	0.3822	-0.25	-0.331	-0.3416
PVX_095150	-0.1165	-0.18	-0.1887	-0.0755	0.0694	0.32	0.5133	-0.0174	-0.0559
PVX_114185	0.7607	0.3873	0.2467	0.2059	-0.171	-0.2878	-0.7911	-0.9201	-0.8565
PVX_089220	-1.2415	-1.2182	-1.4747	-1.7216	-1.7173	-1.723	-0.0382	1.4994	1.2724
PVX_114420	0.0443	-0.0362	-0.2294	-0.1498	0.145	0.4544	0.2833	0.4326	0.6814
PVX_096095	0.7122	0.5278	0.086	-0.3917	-0.8067	-0.9444	-0.5331	0.2927	1.159
PVX_123150	-0.5245	-0.3535	-0.3804	-0.2112	-0.003	0.1344	0.0193	-0.6694	-1.1938
PVX_089375	0.9614	-0.008	-0.2858	-0.3598	-0.332	-0.282	0.6168	1.4076	1.4377
PVX_087985	0.3903	0.617	0.6448	0.6642	0.6476	-0.1435	-0.6105	-0.7446	-0.5231
PVX_079970	0.2816	0.7721	0.6853	0.7571	0.9523	-0.6478	-0.8362	-0.719	-0.6013
PVX_119330	0.2708	0.1205	-0.1275	-0.6818	-0.8152	-1.2213	-0.3349	0.1612	1.053
PVX_080690	0.9466	-0.0205	-0.3862	-0.6804	-0.8302	-0.7001	0.1358	0.8326	1.2451
PVX_094945	-0.4371	-0.3364	-0.5079	-0.3383	-0.294	0.0777	0.7165	0.4159	-0.2374
PVX_081295	0.0763	-0.2741	-0.3038	-0.2906	0.1442	0.6371	0.6339	0.3495	0.2251
PVX_115385	-0.0798	0.0137	0.1509	0.2296	0.2892	0.2067	0.1849	-0.1134	-0.108
PVX_122215	-0.5108	-0.3245	0.0789	0.1553	-0.2415	0.2529	0.3362	0.4932	-0.0728
PVX_002880	-0.3792	-0.3599	-0.0931	-0.0019	-0.0914	-0.4202	0.336	0.0713	-0.0295
PVX_095245	-0.1132	-0.5473	-0.7076	-0.9613	-1.1353	-0.8183	-0.3866	-0.2308	-0.4124
PVX_086955	0.0498	0.3359	0.5667	0.5476	0.6851	0.4945	0.1977	0.0784	0.0535
PVX_111370	-0.3243	-0.3885	-0.3991	-0.4312	-0.6381	-0.7505	0.0099	1.136	0.806
PVX_119530	-0.8892	-0.1016	0.0719	0.1405	0.2631	0.1958	-0.7443	-1.2901	-1.5502
PVX_080300	0.483	0.4152	-0.0616	-0.5656	-0.7068	-0.4652	0.047	0.5279	1.2085
PVX_113515	0.3204	0.178	0.4625	0.5832	0.324	0.3054	-0.1767	-0.8204	-0.9887
PVX_098030	0.2778	-0.1353	0.1361	-0.0467	0.6543	0.7439	0.5538	0.2544	0.1436
PVX_085160	-0.9967	-0.8088	-0.851	-0.4999	0.2186	1.1217	0.7409	-0.0832	-0.6086
PVX_085820	0.2765	0.6293	0.8284	0.6963	0.5094	0.182	-0.2557	-0.4908	-0.6947
PVX_089930	-0.5277	-0.2088	-0.2947	-0.2619	-0.3396	0.3583	0.9934	0.2227	-0.1109
PVX_101425	-0.3689	0.4216	0.557	0.5759	0.5647	0.5986	-0.0984	-0.2852	-0.6483
PVX_122410	-0.9571	-0.1207	0.1925	0.3744	0.8919	1.3124	0.6067	-0.3287	-0.513
PVX_099630	-1.0223	-0.6175	0.1162	0.7268	1.0901	0.8324	0.3109	-0.1638	-0.3872
PVX_087955	0.4165	0.2548	0.2856	0.1707	0.1512	-0.0337	-0.4079	-0.7839	-0.7888
PVX_092935	0.2489	0.2447	-0.1329	-0.4424	-0.68	-0.2062	0.6165	0.7555	0.865
PVX_092690	-0.6686	-0.1557	0.4137	0.388	0.3196	-0.2673	-0.7278	-0.0958	0.264
PVX_118650	0.7255	0.4751	0.1937	-0.672	-0.9203	-1.0219	-0.618	0.4043	1.6041
PVX_001880	-0.0604	0.608	0.8026	0.8542	0.6944	0.3749	0.131	-0.2202	-0.1418
PVX_089255	0.3438	0.2305	0.4802	0.718	0.4991	0.3397	0.2973	0.2984	0.398
PVX_092285	-0.2264	-0.1544	0.4171	0.5903	0.4938	-0.0716	-0.2055	-0.0737	-0.2647
PVX_123055	1.3149	0.8089	0.6114	0.2957	0.4918	0.4578	0.0742	-0.1264	-0.13
PVX_117200	0.0534	0.6015	0.8123	0.9172	0.704	-0.0051	-0.6661	-0.8328	-0.657
PVX_089195	0.6632	0.2606	-0.2878	-0.6628	-0.5029	-0.2358	0.388	0.7734	1.1528
PVX_095320	0.0938	-0.1569	-0.0629	0.2854	0.5888	0.6771	0.2637	-0.4098	-0.619
PVX_106220	-0.0968	0.1532	-0.4121	-0.098	-0.0532	-0.314	-0.072	-0.4118	-0.34
PVX_082685	-0.9387	-1.0176	-1.2692	-1.3882	-1.3779	-0.452	1.2503	1.0565	0.2084
PVX_089270	-0.2942	-0.2103	0.2297	0.4612	0.1877	-0.299	-0.4761	-0.3304	-0.0917
PVX_118050	-0.172	-0.2179	0.3318	0.7457	0.5827	-0.0685	-0.2	-0.2947	0.0102
PVX_117395	0.6434	0.5532	0.2459	0.1373	-0.0243	0.0854	-0.0696	-0.6213	-0.7788
PVX_112680	-0.8151	1.2485	1.386	0.5969	-0.5351	-1.6	-1.6208	-1.6475	-1.3326
PVX_092220	0.5048	0.025	0.2478	0.2273	0.3866	0.0882	0.0382	0.5684	0.6486
PVX_099610	-0.1685	-0.1955	-0.1516	-0.1055	0.1439	0.4481	0.8406	0.401	0.1508
PVX_116805	0.4414	0.465	0.4843	0.3904	0.3677	0.3815	-0.16	-0.4608	-0.4233
PVX_094595	0.1622	-0.0724	-0.1315	-0.539	-0.796	0.1635	0.7246	0.4746	0.3364
PVX_114150	0.2712	0.6269	0.6294	0.7147	0.5667	-0.1088	-0.7957	-0.7822	-0.9287
PVX_083545	0.3503	0.0685	-0.2394	-0.6651	-0.9662	-0.7773	-0.8239	0.4495	0.8869
PVX_101195	-0.0662	-0.2284	-0.1962	0.1171	0.0575	-0.0777	-0.1032	-0.089	-0.1784
PVX_089305	0.0997	0.6082	0.3826	-0.0344	-0.3555	-0.2088	0.6379	0.8191	0.3031

PVX_081625	-0.9096	0.0112	0.2507	0.4159	0.6973	0.3024	-0.3164	-0.6805	-0.7132
PVX_101170	0.0055	0.6292	0.8045	0.7762	0.4087	-0.2063	-0.5869	-0.3139	-0.0653
PVX_084920	0.3428	0.3831	0.2273	0.1247	-0.1179	-0.1562	-0.2524	-0.3187	0.0962
PVX_003540	-0.0417	-0.2732	-0.2465	-0.4536	-0.6663	-0.6588	-0.482	0.9073	1.3372
PVX_088965	-0.2754	-0.1899	-0.2271	-0.2249	-0.1539	0.457	0.2976	0.5536	0.5186
PVX_100535	0.5377	0.3905	0.2621	0.4268	0.1868	-0.1662	-0.3953	-0.3773	-0.6743
PVX_114925	0.1456	0.4427	0.328	0.3257	0.1107	-0.1527	0.3697	0.2299	-0.1211
PVX_114515	-0.4186	-0.1797	-0.0708	0.1021	0.1136	0.6794	0.0305	-0.8767	-1.0893
PVX_122530	0.0437	0.0834	0.0721	0.1409	0.4549	0.3822	0.3247	0.5179	0.4006
PVX_097550	1.2513	1.1211	0.7902	0.4394	0.1325	-0.3227	-0.5168	-0.4764	-0.2404
PVX_085225	0.3516	0.3361	0.4477	0.4138	0.5944	0.5288	-0.4517	-1.3751	-1.6524
PVX_080270	-0.8877	-0.2616	-0.1527	-0.1796	0.0237	0.3966	0.7441	0.3491	-0.2872
PVX_099580	0.0182	-0.1002	-0.197	-0.2342	-0.0114	0.0845	-0.1736	-0.1127	0.2064
PVX_099690	-0.7276	-0.1383	-0.008	0.0615	-0.0309	-0.6654	-0.6665	-0.4763	-0.5926
PVX_123755	0.2006	0.2019	0.3365	0.3272	0.7012	0.1514	0.0643	0.36	0.293
PVX_094560	-0.4256	-0.4991	-0.5355	-0.6072	-0.5175	-0.5779	0.9846	1.5687	0.6856
PVX_084905	-0.4946	-0.1668	-0.0675	0.1062	0.2137	0.6174	0.225	-0.3875	-0.4831
PVX_000895	0.9132	0.6115	0.4667	0.3558	0.1081	-0.0434	-0.4438	-0.5904	-0.4424
PVX_115480	-0.207	-0.2583	-0.1863	-0.1322	-0.4845	-0.3375	-0.1189	-0.4944	-0.1189
PVX_099700	-0.5769	-0.174	-0.2051	-0.0345	0.0791	0.2725	0.2705	-0.1762	-0.3339
PVX_098015	-0.0793	0.0021	0.175	0.2398	0.1595	0.7409	0.3193	0.1735	0.1689
PVX_087900	-0.1993	-0.8277	-0.7018	-0.3964	0.0777	0.5491	0.4415	0.5938	0.6278
PVX_123770	0.8972	0.2858	-0.1862	-0.8935	-1.3058	-1.2397	-0.5951	0.6467	1.7272
PVX_083100	0.129	0.1437	-0.3352	-0.819	-0.7294	-0.7208	0.2595	0.4458	-0.063
PVX_113685	-0.4365	-0.2126	-0.2297	-0.3901	-0.3857	0.0169	0.882	0.1594	0.0948
PVX_113625	-0.193	-0.3476	-0.1892	0.2321	0.3611	0.2354	0.231	0.8106	0.3261
PVX_093710	1.0481	0.6466	0.3621	0.0083	-0.2206	-0.2353	0.8233	1.3883	1.4767
PVX_117595	-0.4584	-0.0935	-0.0347	0.1468	0.1478	-0.1293	-0.4429	-0.5418	-0.3328
PVX_089890	-0.7305	-0.1776	-0.0605	0.2495	0.3009	0.2957	-0.3429	-0.8081	-0.5257
PVX_091090	-0.6729	0.6268	0.9017	1.1271	0.8765	-0.117	-0.6227	-0.5213	-0.3676
PVX_113910	-0.1024	-1.0331	-1.2653	-1.272	-0.5278	0.9395	0.4545	0.1035	0.0718
PVX_122365	-1.9036	-1.7673	-2.1327	-2.2131	-2.0073	-1.7377	0.3347	1.5909	1.2259
PVX_080290	-0.4816	-0.9549	-0.6647	0.1323	0.7195	0.5643	-0.2289	-0.3902	-0.5441
PVX_099730	0.701	0.2041	0.2125	0.0939	-0.0493	0.5943	0.4677	0.0577	0.2354
PVX_122180	0.5031	0.7139	0.8475	0.7593	0.4481	0.1829	-0.2741	-0.4642	-0.5637
PVX_083135	0.6373	0.5144	0.2563	0.1984	0.1047	0.229	-0.1451	-0.3806	-0.0612
PVX_000590	0.164	0.3676	0.2971	0.3221	0.3266	-0.0964	-0.9842	-0.6418	-0.6101
PVX_099165	0.4385	0.1813	0.047	-0.0656	0.0482	0.3921	0.4617	0.218	0.2894
PVX_115250	0.1947	0.0443	-0.1081	-0.0302	0.0273	-0.884	-0.3325	0.0804	0.0226
PVX_084540	0.5236	0.5952	0.1946	-0.5467	-1.0351	-1.2003	-0.7699	0.2494	1.4834
PVX_081390	-0.9094	-0.4142	-0.3206	-0.0758	0.2379	0.216	0.2188	-0.1325	-0.8093
PVX_085940	0.4302	0.4268	0.4551	0.5324	0.2069	-0.3718	-0.3511	-0.2033	0.2005
PVX_100930	-0.9444	-0.0982	0.4984	0.7455	0.4552	0.2018	-0.4863	-0.7263	-0.5531
PVX_095060	0.2559	0.4278	0.5226	0.3091	0.4738	0.0652	0.1023	0.1007	0.323
PVX_091000	-0.3201	0.539	0.5726	0.439	0.4953	-0.1103	-0.576	-0.3943	-0.4253
PVX_113290	-0.2444	0.5262	0.9245	1.254	1.0136	-0.2038	-0.6656	-0.9741	-0.882
PVX_114430	1.0698	0.3517	0.2624	0.127	-0.0122	-0.4702	0.0816	0.6349	1.02
PVX_082625	-0.5003	-0.114	0.3532	0.489	0.54	0	-0.3971	-0.6504	-0.6866
PVX_122300	0.683	0.3408	0.0909	-0.5978	-0.5966	-0.1283	-0.4285	0.352	1.3158
PVX_088860	-0.0986	-0.037	-1.8643	-1.6997	-2.3554	-2.1121	-1.2813	1.2841	1.5899
PVX_096165	-0.0839	0.0246	0.3678	0.3963	0.4432	0.4627	-0.1032	0.0307	-0.0577
PVX_001890	-0.1213	0.3298	0.6833	0.5628	0.2061	-0.045	-0.3937	-0.3038	-0.1446
PVX_056690	0.3763	0.2911	0.203	0.0164	0.3204	0.2572	0.0101	0.1252	0.0985
PVX_100990	1.1471	0.8042	0.8194	1.0005	0.7093	0.3415	-0.4998	-0.6643	-0.4541
PVX_099105	-0.014	0.0222	-0.0287	-0.025	-0.0911	-0.2952	-0.0081	0.2357	0.2992
PVX_087790	0.0929	0.1318	0.172	0.3596	0.1945	0.2308	-0.1309	-0.2022	-0.1878
PVX_122120	-0.7705	-0.6913	-0.4247	0.3483	0.5815	0.22	-0.1053	0.3218	0.3879
PVX_112650	-0.0994	0.1851	0.2069	0.2108	-0.1871	-0.4456	-0.6578	-0.3579	0.0358
PVX_085235	0.383	0.2669	0.3515	0.2004	0.2535	0.3421	0.3186	0.0993	-0.0705
PVX_085675	-0.2474	-0.1309	-0.0433	-0.0591	0.258	0.4741	0.3164	0.012	-0.0673
PVX_117125	0.4951	0.2517	0.2851	0.3452	0.175	-0.0047	-0.256	-0.1629	-0.2108
PVX_100645	-0.4237	0.0064	0.2524	0.4795	0.4436	0.5426	0.1165	-0.0378	-0.2314
PVX_117145	0.0342	0.2095	0.2398	-0.0217	-0.2516	-0.5614	-0.5306	0.5681	0.7536

PVX_118325	0.1157	0.7492	0.8585	0.7582	0.7264	-0.0429	-1.0932	-1.2545	-1.1782
PVX_095420	-0.2615	-0.1281	-0.1037	-0.0901	-0.1416	0.2195	-0.1006	-0.0975	-0.2726
PVX_032690	0.5904	0.2951	0.3264	0.0057	0.1407	0.2145	0.3224	0.0788	0.2724
PVX_018660	-0.6061	-0.394	-0.6896	-0.5505	0.0961	1.1955	1.7068	1.5713	1.0629
PVX_122260	-0.44	-0.1794	0.2835	0.3421	0.5551	0.2374	0.0393	0.1136	0.1599
PVX_090945	-0.9186	-1.6837	-1.9751	-2.1153	-1.2662	0.9247	1.6993	0.4097	-0.4447
PVX_122270	-0.3493	-0.3977	-0.3807	0.0676	0.5993	0.8519	0.7705	0.4853	0.2406
PVX_095270	0.4711	0.4802	0.2468	0.0267	-0.1989	-0.6711	-0.9053	-1.3235	-1.1568
PVX_119310	-0.6884	-0.5712	0.1141	0.4748	0.7078	0.4991	-0.2146	-0.5016	-0.2864
PVX_090965	-1.1483	0.3748	0.5843	0.9444	0.7455	-0.3749	-1.0076	-1.0622	-1.1074
PVX_117505	0.0938	0.299	0.5879	0.8458	0.6206	0.471	0.0378	0.0947	0.006
PVX_000835	0.9365	0.3631	0.0597	-0.302	-0.6992	-0.8785	-0.0279	0.7431	1.0657
PVX_112110	0.3686	0.1343	-0.3654	-0.7357	-1.2853	-1.9801	-1.9515	0.5094	1.2176
PVX_095145	0.2749	0.1525	0.1038	0.1177	0.2985	0.5793	0.6433	0.0856	-0.2591
PVX_122800	0.1355	0.2341	0.3801	0.5283	0.5387	0.5834	0.1335	-0.1922	-0.3312
PVX_088085	-0.5505	0.4655	0.6103	0.5503	0.1542	-0.5421	-1.1763	-1.0359	-0.783
PVX_098935	0.1924	0.4795	0.7483	0.4543	-0.2855	0.1542	-0.4361	-0.4268	-0.2781
PVX_112100	0.0287	-0.0617	0.0984	0.0197	-0.2486	0.4689	0.1305	0.0699	0.071
PVX_000020	-0.2804	0.1248	0.2563	0.3384	-0.1181	-0.6281	-0.712	-0.783	-1.2908
PVX_118670	0.2564	0.1126	0.0047	0.2915	0.2996	0.2626	0.3345	0.3227	0.4
PVX_114015	-0.5395	-1.0035	-0.9406	-0.6425	0	0.5395	1.1475	0.4652	-0.0815
PVX_083290	-0.9836	-0.4573	0.2178	0.1679	0.3815	-0.415	-0.7076	-0.368	-0.6451
PVX_057190	0.4491	0.3454	0.4249	0.5951	0.41	0.2745	0.3888	0.6028	0.6909
PVX_085895	-0.2989	0.1731	0.2038	0.2796	0.206	0.4611	0.6568	0.4355	0.4443
PVX_086930	0.0436	0.012	-0.0478	0.0659	0.1566	1.2007	1.72	0.9883	0.4524
PVX_091305	0.1351	-0.0225	-0.2938	-0.5005	-0.4848	-0.3905	0.3286	0.9692	0.6749
PVX_003775	-1.3741	-1.2026	-1.2967	-1.4602	-1.4739	1.2996	1.4826	0.7052	-0.0155
PVX_027690	-0.0914	-0.186	-0.0775	0.0412	0.2	0.1946	0.2435	0.0391	0.0535
PVX_113580	-0.5727	-0.6805	-0.5336	-0.2016	0.107	0.6848	0.2326	-0.1193	-0.3572
PVX_089415	0.3338	0.329	0.4122	0.428	0.5166	0.5149	-0.289	-0.6119	-0.5562
PVX_099115	-0.6136	0.072	0.4295	0.5627	0.6223	0.3309	-0.6395	-1.0846	-0.8853
PVX_098770	1.284	0.7109	0.4775	0.4648	-0.2869	-0.7493	-0.3387	-0.0252	0.0602
PVX_117075	-0.3605	-0.6551	-0.6638	-0.1797	0.1537	0.6834	0.3617	-0.0741	-0.1606
PVX_082400	0.2749	0.1572	0.085	0.1305	0.4734	0.7093	0.9004	0.256	0.2746
PVX_119605	-0.7408	-0.874	-0.0188	0.3183	0.8069	0.4658	-0.1756	-0.48	-0.599
PVX_085515	-0.7017	0.3816	0.3903	0.4719	0.3465	-0.1629	-0.5763	-0.7796	-0.5253
PVX_085090	0.0407	0.3875	0.5082	0.684	0.7966	0.6207	0.2172	-0.0391	-0.3334
PVX_101130	0.0782	0.4681	0.0837	0.1382	-0.0236	-0.1454	0.1602	0.4894	0.0394
PVX_082675	-1.473	-1.6852	-1.7146	-1.9092	-1.9596	-1.5933	-1.1059	-0.9616	-0.8925
PVX_083415	0.5294	0.5295	0.5817	1.0832	0.5875	0.4406	0.1932	0.5491	0.1207
PVX_083030	-0.717	-0.7625	-0.7799	-0.9325	-1.0092	-1.3299	-0.5994	1.3475	1.2635
PVX_080210	0.3389	0.2701	0.1466	-0.0247	0.2189	0.2372	0.2276	0.1046	0.0275
PVX_059190	-0.2372	-0.8015	-0.5844	-1.0663	-0.411	-0.9263	-0.8715	-0.9074	-0.5683
PVX_116795	0.6089	-0.068	-0.337	-0.5726	-0.2637	0.2956	0.2342	0.423	0.858
PVX_123420	-0.4414	0.5716	0.8571	0.9194	0.9794	0.5606	-0.1809	-0.0626	0.104
PVX_089535	0.2682	-0.059	-0.4037	-0.7621	-0.7578	-0.5698	0.3895	0.6102	0.6719
PVX_111440	-0.8273	-0.5548	-0.5866	-0.4371	-0.3984	0.8162	-0.0006	-1.1011	-1.1126
PVX_099905	0.0669	0.2527	0.3535	0.2845	0.3932	0.4742	0.2806	-0.1784	-0.3969
PVX_094980	0.1524	0.271	0.1508	0.2379	-0.1415	0.2561	-0.2664	-0.3386	-0.8455
PVX_080590	0.7957	0.377	-0.0187	-0.4003	-0.6477	-0.5815	0.0667	0.5491	0.9957
PVX_092955	-0.4477	-0.6108	-1.0107	-1.4479	-1.0471	0.1804	0.0418	-0.6434	-0.5427
PVX_096310	0.283	0.4175	0.4481	0.4391	0.1973	0.4104	-0.2323	-0.4386	-0.408
PVX_113785	0.7238	0.5256	0.5645	0.5766	0.5661	0.2479	-0.3337	-0.8442	-0.9907
PVX_087155	0.2923	0.0653	0.2259	0.3581	0.2214	0.4886	-0.0462	0.0042	0.6212
PVX_085170	0.6184	-0.4412	-0.3477	-0.037	0.2683	0.4734	0.5354	0.4468	0.8019
PVX_098055	-0.7513	-0.7913	-0.5565	-0.0247	0.4035	0.099	-0.0906	-0.6769	-0.6126
PVX_119540	-0.1595	0.6311	0.8827	0.9226	0.6472	-0.3022	-0.8176	-0.8636	-0.6013
PVX_123560	0.6519	0.3895	0.3449	0.14	-0.1299	0.1775	0.327	0.3814	0.2697
PVX_084585	0.9815	0.6216	0.2465	-0.0174	-0.2491	-0.4051	-0.0623	0.5916	1.1618
PVX_085985	-0.3736	0.0243	0.2103	0.4397	0.0773	-0.1905	0.5234	0.6829	0.1459
PVX_089935	0.5149	0.7395	0.8489	0.6986	0.2213	0.1508	-0.1035	0.1429	0.2976
PVX_123090	0.3805	0.3546	0.4487	0.3567	0.2015	0.4622	0.0054	-0.2026	-0.0915
PVX_091025	-0.697	0.452	0.5945	0.5047	0.3401	-0.2762	-1.1615	-1.2812	-1.1068

PVX_104690	0.7034	0.6203	0.5798	0.8562	0.4061	0.2904	0.0535	-0.1664	0.1015
PVX_113745	-0.2077	-0.18	-0.4742	-0.2445	-0.2682	0.3324	-0.1012	-0.2191	-0.2795
PVX_082425	0.258	0.3865	0.3358	-0.0718	0.0374	0.331	0.5931	0.2802	-0.0257
PVX_122320	0.3191	0.2659	0.5449	0.6239	0.3796	-0.1529	-0.2504	-0.02	0.024
PVX_084655	-1.1238	-0.1893	0.1992	0.5291	0.636	0.0491	-0.5829	-0.79	-1.0074
PVX_085120	-0.8024	-0.8107	-0.8758	-0.8442	-0.5616	-0.2074	0.8324	0.6802	-0.116
PVX_098820	-0.0321	-0.2759	-0.6685	-0.9099	-0.9177	-0.5331	0.507	1.047	0.9092
PVX_100730	-1.816	-1.3864	-0.5002	0.0854	0.8188	0.928	0.3339	-0.3785	-1.1821
PVX_094450	0.4477	0.1859	-0.0952	-0.0443	0.5453	0.4465	0.3666	0.517	0.556
PVX_082725	-0.5835	-0.049	0.0695	0.3661	0.2351	0.4544	-0.1931	-0.5459	-0.5789
PVX_119525	0.0735	-0.2395	-0.2715	-0.086	0.0703	0.1968	1.1883	0.6339	0.3876
PVX_091775	0.153	-0.6489	-0.957	-0.8509	0.0797	0.1982	0.6579	0.5864	0.89
PVX_003820	-1.1742	-1.0917	-1.0073	-0.9989	-0.777	-0.5864	-0.5844	-0.6342	-0.9668
PVX_087765	-0.7896	-1.2771	-1.4998	-1.7751	-1.6242	0.0826	1.5418	0.7187	-0.4349
PVX_089310	-1.3052	-1.0932	-1.3402	-1.2353	-0.8923	0.9748	1.1173	0.0561	-0.5639
PVX_113495	0.4394	0.7473	0.688	0.713	-0.0528	-0.1795	-1.0141	-1.1258	-1.2113
PVX_118090	-0.3837	-0.0056	0.1527	0.2014	0.2331	0.7394	0.6721	-0.1268	-0.7906
PVX_086325	-0.3045	-0.3031	-0.0461	0.2003	-0.2045	-0.3618	-0.2988	-0.1996	-0.0763
PVX_089565	0.7285	0.0038	-0.6821	-0.2331	0.486	-0.0726	0.6403	1.1799	0.928
PVX_000970	0.2692	0.1773	0.2884	0.4233	0.5638	0.2316	-0.0924	-0.5982	-0.8715
PVX_123805	-0.3057	0.0785	0.2307	0.3174	0.3144	0.1456	0.0419	-0.1494	-0.2443
PVX_086025	0.3235	-0.0828	-0.106	-0.0321	-0.0382	0.5884	0.1108	-0.0008	0.3589
PVX_084465	-0.1727	-0.2371	0.2482	0.57	0.9578	0.7818	0.1093	-0.1708	-0.2021
PVX_110990	-0.7293	-0.6683	-0.407	-0.2973	0	0.4522	0.5058	0.0566	-0.2791
PVX_122250	-0.338	-0.0756	0.11	0.0952	0.1515	0.3805	0.374	-0.1818	-0.4333
PVX_117275	-0.2731	-0.0986	0.4271	0.5757	0.7816	-0.0367	-0.4356	-0.2699	-0.086
PVX_101410	-0.6388	-0.4851	-0.1304	-0.0127	0.4598	0.618	0.0099	-0.3369	-0.2872
PVX_115365	-0.6081	-0.192	-0.0081	0.2584	0.2429	0.3092	-0.0722	-0.7485	-0.8519
PVX_097540	-0.2122	0.4931	0.5593	0.5151	0.4366	0.3581	0.07	-0.2254	-0.5602
PVX_093655	-0.2473	-0.1903	0.2833	0.3963	0.7086	0.0283	-0.3331	-0.4961	-0.2636
PVX_079805	0.2822	0.4908	0.2648	0.2492	-0.0906	0.0837	-0.6653	-0.2643	-0.0299
PVX_092750	-0.0593	-0.1292	-0.3665	-0.6195	-0.747	-0.6304	0.8469	0.8234	0.7109
PVX_123600	0.3622	0.3531	0.1284	-0.149	-0.0807	0.0809	0.3947	0.6102	0.7939
PVX_116850	-1.4044	-1.4606	-1.2403	-0.9375	-0.209	-0.1825	0.6084	0.7039	-0.0211
PVX_122755	-0.5096	-0.0311	0.0881	0.0407	-0.1254	0.0724	-0.2171	0.0023	0.2058
PVX_087750	-0.0882	-0.1776	-0.034	0.022	-0.4767	-0.2924	-0.251	-0.2047	-0.7358
PVX_082515	-1.2069	-1.4269	-1.0616	-0.531	0.1691	0.6665	0.5397	-0.7369	-0.9462
PVX_085310	0.6907	0.2886	-0.081	-0.365	0.2172	0.5329	0.8151	0.8804	1.0296
PVX_091900	-0.1446	-0.5409	-0.6335	-0.1293	0.2417	0.5687	0.5829	0.2808	-0.0446
PVX_122255	0.4535	0.4537	0.0794	-0.1601	-0.2569	-0.6179	0.3841	0.8102	0.9217
PVX_000790	-0.1438	-0.0435	0.0968	0.0397	0.1346	0.4425	0.3884	-0.0575	-0.1601
PVX_091250	0.0699	-0.1131	-0.3249	-0.5705	-0.471	-0.0991	1.167	0.7692	0.7473
PVX_117525	0.162	0.0533	0.0743	0.0606	0.1034	0.2536	0.005	-0.4533	-0.4895
PVX_122135	-0.2152	0.018	0.0286	-0.1367	-0.1307	0.0533	0.5199	-0.079	-0.3387
PVX_000600	-0.0122	-0.2571	0.4026	0.5979	0.6083	-0.008	0.2141	0.0743	-0.217
PVX_117950	0.265	0.3982	0.523	0.4649	0.3828	0.2628	0.1278	0.0284	0.1967
PVX_119220	-0.3456	0.5979	0.3443	0.4232	0.2285	-0.4731	-0.8211	-1.0449	-0.6759
PVX_017650	-0.3415	-0.3275	-0.1348	0.0693	-0.0613	-0.6322	-0.8499	-0.7373	-0.3914
PVX_095300	0.3076	0.3324	0.1957	0.1039	0.0251	0.4722	0.2994	0.2975	0.354
PVX_086055	-0.2206	-0.0054	-0.4744	-0.3333	-0.5556	-0.2001	0.0521	0.1303	0.5125
PVX_101395	0.3804	0.444	0.5862	0.4288	0.421	0.6681	-0.0847	-0.6388	-0.6166
PVX_081680	-0.1122	-0.2896	0.0832	0.4217	0.5239	0.5398	0.2533	0.0505	-0.1126
PVX_114415	-0.5264	0.5636	0.8282	0.8757	0.5768	-0.1198	-0.6442	-0.5309	-0.3353
PVX_100915	0.6125	0.7234	0.5111	0.3796	0.2345	0.113	-0.1315	0.0726	0.2718
PVX_081575	0.4223	0.4355	0.7539	0.7236	0.7969	0.093	-0.3543	-0.385	-0.5378
PVX_087895	0.7055	0.737	0.7817	0.3729	0.5263	0.2061	-0.1837	-0.2512	0.0989
PVX_090285	-1.5163	-1.096	-0.4163	0.7738	0.9094	-0.4483	-1.1412	-0.988	-0.5568
PVX_115220	0.0431	0.2861	0.3003	0.2636	0.6359	-0.0964	-0.7902	-0.8059	-0.5648
PVX_122420	0.161	0.7987	0.7157	0.5493	-0.1221	-0.8807	-0.8995	-0.6202	-0.4919
PVX_118110	0.3712	0.5853	0.5459	0.3735	0.4622	0.3391	0.0238	0.1359	0.5172
PVX_097655	-0.8463	-0.1346	0.1643	0.2581	0.3941	0.4885	0.1837	-0.2729	-0.1001
PVX_086880	-0.9513	-0.8009	-0.8618	-1.1859	-0.9099	-0.7709	-1.0425	-0.9548	-1.0137
PVX_097725	-1.0548	-1.2979	-1.3722	-1.4809	-1.331	0.9997	0.6814	-0.1595	-0.1017

PVX_003475	-0.7114	-0.7244	-0.3335	0.4733	0.8426	0.1902	-0.3569	-0.4328	-0.0878
PVX_114120	0.798	0.5408	0.5458	0.5046	0.1733	-0.0652	-0.337	-0.482	-0.2668
PVX_118160	-0.5526	-0.8712	-1.0118	-1.1339	-0.8022	-0.2233	0.7888	0.407	0.2043
PVX_092920	0.8127	0.0687	-0.3151	-0.6878	-0.5773	-0.2162	0.5652	0.8273	0.727
PVX_099900	0.7774	0.5861	0.1025	-0.5918	-1.5602	-1.7013	-1.6172	-0.4289	-0.1359
PVX_002650	0.3372	0.3646	0.474	0.5269	0.6223	0.3661	-0.8639	-1.4592	-1.3911
PVX_000760	0.1831	0.4034	0.116	-0.0928	-0.1234	-0.274	-0.3577	-0.1384	0.0192
PVX_109780	0.7604	0.787	0.3352	0.2914	-0.0395	-0.1721	-0.299	-0.2264	-0.0367
PVX_089790	1.4032	0.7884	0.4838	-0.1239	-0.9466	-1.3204	-1.3621	-0.9173	-0.2581
PVX_113220	-0.0665	-0.2817	-0.2068	-0.4527	-0.5318	-0.6116	-0.338	-0.174	0.21
PVX_085315	-1.0644	-1.2732	-1.404	-1.4729	-1.4955	-1.0491	0.9206	1.3787	0.7528
PVX_095250	0.6367	0.5855	0.5627	0.5532	0.3213	-0.4026	-0.6354	0.2954	0.0774
PVX_094825	-0.657	-0.4336	0.0059	0.1038	-0.0802	-0.6484	0.1753	0.1786	-0.1794
PVX_092350	-0.3896	-0.2287	-0.06	-0.0947	0.0279	0.3027	0.1318	-0.6095	-0.7661
PVX_116865	-1.1988	-0.4955	-0.4201	-0.3268	-0.2507	0.1991	0.4777	-0.0199	-0.3289
PVX_082460	-0.1596	0.0075	-0.2488	-0.1582	0.2394	0.4127	0.5368	-0.4457	-0.9563
PVX_119360	0.4215	0.9909	1.0641	1.1873	0.6428	0.0449	0.081	0.404	0.3975
PVX_085690	0.5224	0.5424	0.5592	0.5693	0.416	-0.3132	-0.566	-0.1619	0.3512
PVX_003830	-2.8644	-2.8535	-3.1919	-3.3894	-3.1542	-0.0565	0.5777	-0.4108	-1.3692
PVX_101590	0.2972	0.5453	0.4901	0.3873	0.2076	0.3341	-0.0442	-0.3742	-0.2954
PVX_089070	0.7712	0.4493	0.2266	-0.309	-0.9715	-1.241	-0.6532	0.3247	1.304
PVX_112710	-0.7159	-0.6538	-0.8519	-1.0043	-0.797	-0.7698	-0.0014	0.9716	0.827
PVX_101190	0.1761	0.3774	0.4088	0.4728	0.1426	-0.4064	-0.0237	0.0398	-0.0497
PVX_114795	-0.6107	-0.5459	-0.2328	0.05	0.1185	-0.1826	0.5876	0.7121	0.4252
PVX_122885	-0.3663	-0.6661	-0.7204	-0.8078	-0.7629	0.546	1.0703	0.4941	-0.0171
PVX_088235	-0.0376	-0.3326	-0.6422	-0.1671	0.8488	0.7387	0.2575	0.3188	0.1605
PVX_099710	0.7755	0.5347	-0.1907	-0.6704	-1.7691	-2.1071	-2.4787	0.0479	0.2636
PVX_080090	-0.0047	-0.2081	0.0603	0.06	0.042	-0.1027	-0.3579	0.6814	-0.5313
PVX_098830	0.0398	0.7491	1.1928	1.115	0.6965	-0.232	-1.0103	-1.1546	-1.1668
PVX_000845	0.1521	0.4848	0.3584	-0.1294	-0.049	-0.3005	-0.535	-0.0933	0.0962
PVX_094815	-0.223	-0.0446	0.2529	0.4789	0.254	0.5006	0.4541	0.1395	0.1217
PVX_091455	0.3678	0.0847	-0.109	-0.3339	-0.1676	-0.5662	-0.3758	0.2178	0.9404
PVX_085130	-0.883	-0.7707	-0.7877	-0.9349	-0.9543	-0.495	0.8412	0.5479	-0.2194
PVX_083450	-0.5068	0.4692	0.6131	0.6472	0.2489	-0.1298	-0.9055	-1.2781	-0.937
PVX_114985	0.9607	0.8337	0.6346	0.3359	-0.0836	-1.1453	-1.2503	-0.7215	-0.5805
PVX_118170	0.3492	0.2441	0.137	0.1344	0.1308	0.4305	0.2547	0.1973	0.3563
PVX_089710	0.4452	-0.1064	-0.2628	0.0449	0.3359	0.285	0.4653	0.5049	0.5474
PVX_114520	0.6996	0.4277	0.0299	-0.2782	-0.3741	-0.2299	0.4306	0.5234	0.9596
PVX_118150	0.2839	0.0899	-0.0588	0.0135	-0.1232	0.0837	0.2567	-0.0913	-0.002
PVX_113340	-0.2448	0.0741	-0.066	-0.0537	0.5599	0.4053	-0.5281	-1.104	-0.8412
PVX_085965	-0.7872	-0.5693	0.2279	0.7368	0.6896	0.3113	-0.2379	-0.5003	-0.287
PVX_106725	-0.8364	-0.8261	-0.6397	-0.5458	-0.6036	-0.8529	-0.8814	-0.9384	-0.8994
PVX_000720	-0.512	0.4033	0.5712	0.6272	-0.1803	-1.4202	-0.9105	-0.0966	-0.0987
PVX_003565	-0.0413	-0.1942	-0.1953	-0.3414	-0.7769	-1.2986	-1.5467	0.1265	0.2826
PVX_119240	0.2643	0.1766	0.3175	0.4317	0.6028	0.3139	0.1295	0.2489	0.6399
PVX_048190	0.1799	-0.0582	0.0874	0.5036	0.6406	0.8107	0.3232	0.0137	0.2135
PVX_098920	-1.0274	-1.5907	-1.5968	-1.1866	0.18	0.9044	0.5562	-0.1308	-0.6029
PVX_083185	0.0615	-0.1743	0.0461	0.1845	0.4471	0.2299	-0.0306	-0.1775	-0.1921
PVX_084725	-0.3365	-0.5053	-0.6116	-0.5875	-0.4845	-0.7628	0.8391	1.0226	0.3132
PVX_123670	-0.209	-0.1326	0.2332	0.5673	0.6382	0.1611	-0.2214	-0.3701	-0.396
PVX_096995	0.463	0.3372	0.1174	-0.0958	-0.365	-1.1321	-1.7003	-0.99	-0.6989
PVX_085620	-0.0363	-0.1426	-0.3152	-0.5684	-0.2997	-0.0955	0.5406	0.8187	0.7888
PVX_100545	-0.2674	0.1866	0.4671	0.5707	0.2924	0.6776	0.4334	-0.0446	-0.31
PVX_113500	-0.2148	0.2708	0.3982	0.2025	0.1845	-0.134	-0.3989	-0.3513	-0.3841
PVX_085250	0.5392	-0.1574	-0.4179	-0.7642	-0.5546	0.2554	0.5687	0.971	1.0849
PVX_083395	0.5896	0.3077	0.1949	-0.2333	-0.604	-0.5749	0.0091	0.6306	0.7588
PVX_117645	0.885	0.2837	-0.3499	-0.9973	-0.4277	-0.3831	0.2892	0.8963	1.3293
PVX_117580	0.8204	0.3326	0.2045	0.419	-0.1544	-0.0161	-0.46	-0.626	-0.4579
PVX_123005	-0.3553	-0.1675	0.2234	0.2383	0.4747	-0.0287	-0.1311	-0.2106	-0.1855
PVX_095375	-0.0946	-0.295	-0.1759	0.3303	0.6415	0.7616	0.3976	0.4234	0.2443
PVX_082870	0.8671	0.3713	0.2132	0.0108	-0.2167	0.1017	0.2897	0.4115	0.9977
PVX_123250	-0.2043	0.5548	0.6896	0.7926	0.4965	-0.292	-0.5487	-0.5156	-0.122
PVX_084450	-1.1698	-0.1256	0.8397	0.9273	0.5733	-0.7366	-1.1878	-1.245	-1.2622

PVX_086145	0.6876	0.4874	0.4048	0.2082	0.3144	0.2525	-0.1654	-0.241	0.0789
PVX_116640	-0.5391	0.0776	0.2905	0.2209	0.0183	0.5798	0.7414	-0.0095	-0.6165
PVX_000015	1.1708	1.1994	0.1201	-1.0368	-1.6196	-1.4984	-1.5292	-0.5665	0.078
PVX_118245	0.0995	-0.0363	0.1974	0.6281	0.6592	-0.1138	0.0428	0.2441	0.5649
PVX_114400	-0.4726	-0.4994	-0.4316	-0.6031	-0.5319	-0.3973	-0.1049	-0.0283	-0.1056
PVX_085285	0.6626	0.3541	0.3717	0.3702	0.2605	0.378	-0.3485	-0.2984	-0.3662
PVX_123535	0.6872	0.2596	0.378	0.2274	-0.2202	0.3027	-0.1407	-0.3786	-0.0314
PVX_001785	0.624	0.39	0.2403	-0.0198	0.0203	0.0373	0.133	0.5458	0.5704
PVX_113985	0.8183	0.2743	0.2387	0.286	0.3724	-0.1034	-0.1695	-0.1909	-0.0779
PVX_119260	-0.809	-0.0063	0.6477	0.9221	0.7743	-0.1643	-0.6188	-0.9844	-1.0284
PVX_003940	0.78	0.7479	0.6174	0.3383	0.3065	-0.1015	-0.3109	-0.2134	0.1008
PVX_079885	-1.1589	0.2732	0.6511	0.5736	0.2923	-1.3343	-0.6533	0.4178	-0.3824
PVX_114570	0.612	0.0801	-0.0189	-0.0654	-0.2415	-1.2711	-1.8079	-0.0032	0.3221
PVX_113680	0.2638	0.2795	0.1917	0.0642	0.2553	0.39	0.4332	0.1249	0.2084
PVX_100760	0.2634	0.1253	0.0988	0.6879	0.4746	0.2525	0.3139	0.5419	0.4676
PVX_114270	0.2965	-0.0226	0.24	0.4921	0.427	0.0506	-0.4779	-0.6416	-0.4103
PVX_114505	0.2692	0.4155	0.8616	0.4616	0.3318	0.3407	0.3572	0.4251	0.2753
PVX_090100	0.1655	0.0054	0.1175	0.3387	0.3101	0.2121	0.4688	0.8891	0.57
PVX_116990	0.7079	0.5001	0.3886	0.1131	0.135	-0.243	-0.2282	0.1329	0.513
PVX_094520	0.1238	-0.1444	0.3007	0.3823	0.1537	-0.6538	-0.517	-0.1632	0.5033
PVX_119630	-0.0304	0.4451	0.7382	0.5396	-0.0216	-1.1622	-0.9629	-0.8845	-0.8545
PVX_090095	0.6144	0.3202	0.4007	0.2676	0.0258	-0.1011	-0.541	-0.5612	-0.4637
PVX_122500	-0.1922	-0.3988	-0.4789	-0.4834	-0.5404	-0.6003	0.7993	0.874	0.3302
PVX_080620	0.4212	0.527	0.3027	0.1928	0.2278	0.1676	0.5609	0.2861	0.3825
PVX_081655	-0.4917	-0.4149	-0.2715	0.0155	0.1669	-0.0263	0.8805	1.1103	0.3555
PVX_085860	-0.631	-0.2799	-0.2053	0.1173	0.3733	-0.0306	-0.4164	0.0231	-0.0859
PVX_097670	-1.2261	-1.176	-1.1499	-1.2188	-1.1475	-0.4792	0.017	-0.0035	-0.3035
PVX_086135	0.1307	0.4398	0.611	0.8539	0.7124	0.2444	-0.17	-0.0097	0.196
PVX_096955	0.9156	0.648	0.5041	0.4277	0.1389	0.0899	0.0309	0.2	-0.1902
PVX_087915	0.254	-0.0772	0.243	0.277	0.0222	0.2793	-0.0877	-0.1148	0
PVX_095365	0.4942	0.0805	0.0724	-0.0085	0.0289	0.2329	0.5034	0.6233	0.1413
PVX_116530	0.318	0.793	0.9735	0.9319	0.4787	-0.0828	-0.6656	-0.6248	-0.6825
PVX_100910	-0.9823	-0.983	-1.0479	-0.4638	0.3924	0.9246	0.7583	0.1362	-0.0245
PVX_096170	-0.1126	0.4117	0.6239	0.6379	0.4195	0.2544	-0.5073	-0.4317	-0.3397
PVX_099110	0.091	0.2874	0.3072	0.2803	0.5341	0.4039	0.2645	0.1219	0.0203
PVX_085340	0.4809	0.9651	1.2445	1.2929	1.3978	1.1376	0.6881	0.2606	-0.067
PVX_097010	-0.2679	-0.059	-0.0978	0.2437	0.3547	0.4328	-0.4803	-0.4344	-0.3305
PVX_122655	0.2673	0.3413	0.1172	-0.3911	-0.3918	-0.4461	-0.2194	0.1437	0.8811
PVX_094885	0.7633	0.5625	0.4983	0.4	0.9783	0.9106	0.925	0.8229	0.3611
PVX_091055	0.6582	-0.2805	-0.534	-0.3365	-0.077	0.1636	0.3911	0.631	0.9368
PVX_098695	-0.4706	-0.6737	-0.3057	0.0431	0.2863	0.1619	-0.331	-0.4502	-0.3312
PVX_087830	0.5859	0.3536	0.0393	-0.4483	-0.3571	-0.4039	-0.6432	0.3982	0.8233
PVX_111410	0.1119	0.2054	0.3606	0.4029	0.2608	-0.4624	-0.3082	-0.0517	0.1575
PVX_099120	0.0189	0.1411	-0.0175	-0.3058	-0.4713	-0.6782	-0.6464	-0.4469	-0.1795
PVX_080445	-0.3881	0.3999	0.5593	0.4526	-0.1408	-0.7007	-0.2044	-0.1738	-0.5735
PVX_096910	0.9725	0.4713	0.1074	0.4608	0.4798	0.1152	0.1231	0.058	0.2914
PVX_023185	0.8354	0.8306	0.864	0.9358	0.5215	0.4864	0.6175	0.6834	0.6422
PVX_094290	0.6351	0.6672	0.5146	0.3007	-0.1317	-1.3232	-1.3015	-1.1211	-0.7954
PVX_085870	0.5558	0.4692	0.3931	0.1227	0.1986	-0.1688	-0.4327	-0.3877	-0.3859
PVX_117155	0.2008	-0.0594	-0.1552	-0.2236	-0.5446	-0.1435	0.2783	0.4783	0.9387
PVX_089320	-0.3912	0.2006	0.2812	0.4009	0.4268	0.5702	-0.0395	-0.5341	-0.656
PVX_118705	1.2536	0.9429	0.7186	0.073	-0.6126	-1.0504	-1.5117	-1.0048	-0.2589
PVX_092250	-0.7882	0.4931	0.7483	0.4795	0.3361	-0.0068	-0.2967	-0.2194	-0.226
PVX_084325	0.3028	0.1516	-0.0117	-0.1115	0.0078	0.4274	0.496	-0.0051	-0.3908
PVX_119315	-0.1644	-0.4171	-0.0473	0.413	0.8621	0.6632	-0.0755	-0.1819	-0.044
PVX_119690	0.6121	0.2804	-0.1163	-0.4316	-0.4946	-0.4827	-0.3125	0.4377	0.8222
PVX_082930	0.0627	0.3019	0.1687	0.0237	-0.2143	0.3646	0.0786	-0.1858	-0.1679
PVX_095340	-0.3659	0.4966	0.6792	0.5672	0.2246	-0.7291	-1.1518	-1.2717	-1.3003
PVX_123170	0.2191	0.3053	0.5986	0.427	0.262	0.2114	-0.0122	-0.1545	0.0692
PVX_092160	-0.4353	-0.3087	-0.3663	-0.3337	-0.0335	-0.5667	0.7997	0.8017	0.1289
PVX_083090	0.0158	0.4353	0.4022	0.2929	0.1822	0.4308	0.1978	-0.4643	-0.4194
PVX_123450	-0.1588	0.7704	0.8367	0.704	-0.4852	-0.99	-0.8133	-0.6706	-0.5983
PVX_100995	-0.0818	0.0544	0.0431	0.0334	0.3065	0.4108	0.2061	-0.1898	-0.4823

PVX_090265	0.9798	0.7858	0.5463	0.2916	-0.0998	-1.0783	-1.2055	-0.7408	-0.5886
PVX_081830	0.0218	-0.1509	-0.4566	-0.627	-0.5626	-0.3794	-0.1008	-0.6326	-0.7658
PVX_098050	-0.53	-0.0839	0.0566	0.1251	0.4364	0.305	0.0924	-0.4575	-0.6784
PVX_118480	0.3309	-0.092	-0.1646	-0.1371	-0.1263	-0.8445	-0.8102	-0.5854	-0.7719
PVX_081600	-0.5181	-0.1054	0.2593	0.519	0.7516	0.4649	-0.0817	-0.3662	-0.3422
PVX_116690	0.094	0.4878	0.5677	0.6392	0.283	0.1688	-0.5242	-0.7815	-0.6718
PVX_080380	-0.2077	-0.378	-0.1545	0.1719	0.6565	0.548	0.019	-0.1573	0.0922
PVX_114595	0.5586	0.1218	-0.0612	-0.3649	-0.5494	-0.1027	0.1106	0.4445	0.9176
PVX_092805	-0.0746	0.2227	0.2729	0.2758	0.425	0.4652	-0.3714	-0.9029	-0.8871
PVX_116590	0.1171	0.2779	0.0284	0.1074	-0.3244	0.0201	0.3185	-0.1025	-0.5792
PVX_114880	1.1153	0.6511	0.6852	0.6373	0.2201	-0.4923	-0.7916	-0.9785	-0.5076
PVX_102630	0.5314	0.6375	0.2747	0.2825	-0.0525	-0.2846	0.0919	0.6323	1.3119
PVX_118640	-0.0481	0.3349	0.3053	0.6241	0.7158	0.4857	-0.1194	-0.193	-0.1677
PVX_084160	0.5699	0.0315	-0.145	-0.2749	-0.4407	-0.3432	0.4119	0.8277	0.9001
PVX_084805	0.331	0.2885	0.4515	0.3985	0.1322	-0.1634	0.1826	-0.2179	-0.6762
PVX_124725	0.2761	0.3644	0.4073	0.3449	-0.0794	0.0502	-0.3362	-0.509	-0.4705
PVX_091200	0.3127	0.4612	0.4776	0.4834	0.7385	0.1395	-0.1008	-0.426	-0.4004
PVX_084110	0.4446	0.3228	0.1742	0.3994	0.0573	0.0418	0.4588	0.3985	0.7299
PVX_088795	0.9502	0.7353	0.5536	0.5524	-0.2934	-0.7141	-0.3836	-0.3319	-0.0385
PVX_095360	-0.8989	-1.0844	-0.521	-0.0486	0.3398	0.7948	1.0377	0.2044	-0.4985
PVX_118380	-0.3305	-0.0221	0.3423	0.519	0.396	0.0992	-0.4005	-0.3198	0.0367
PVX_091425	-0.625	-0.4561	-0.3074	0.0656	0.3946	0.7282	0.1874	-0.4385	-0.4005
PVX_094850	0.1736	0.2058	0.1886	0.3847	0.0115	-0.4958	-0.851	-0.4455	-0.4381
PVX_097705	-1.1958	-1.4957	-1.6813	-2.1186	-2.2083	-0.5312	1.591	1.3809	0.5766
PVX_116830	-0.1922	0.4719	0.6572	0.6582	0.5159	0.1501	-0.3871	-0.4603	-0.4574
PVX_085015	0.3355	0.4179	0.2949	0.2884	0.1796	0.073	0.2659	0.5006	0.5159
PVX_092495	0.9315	0.0267	0.0585	-0.1678	-0.4561	-0.2982	0.0744	0.6252	1.1747
PVX_083575	0.0715	0.0412	-0.0119	0.0708	-0.1998	-0.2855	0.0606	-0.244	0.6576
PVX_000575	-0.7363	-0.1272	-0.1607	-0.039	0.3713	-0.2942	0.218	0.323	0.1035
PVX_001950	-0.1111	0.1303	0.1697	0.1009	-0.0475	-0.2505	0.435	0.7686	0.345
PVX_091715	-0.8756	-0.7606	-0.8972	-0.3606	0.2996	1.0243	1.0782	0.2011	-0.1568
PVX_084510	0.6232	0.5354	0.196	0.2178	0.006	0.0899	0.7854	1.0866	1.1696
PVX_123430	0.1366	0.1544	-0.0026	-0.0084	-0.0765	-0.2029	0.3264	0.0651	0.3588
PVX_099645	0.1373	-0.0377	-0.1914	-0.6345	-0.5014	-0.0256	0.7931	0.568	1.0218
PVX_089015	0.8315	0.3401	0.2268	-0.0307	-0.0576	-0.1739	-0.1698	-0.3266	-0.1604
PVX_085500	-0.1528	-0.1294	-0.0804	-0.0127	0.1916	0.2568	0.3078	0.4154	0.2977
PVX_000705	-0.0536	0.1195	0.3987	0.4087	0.2704	0.053	-0.3067	-0.0478	0.1953
PVX_082570	0.262	0.37	0.1708	0.0949	0.0978	-0.1073	-0.7542	-0.9666	-0.8309
PVX_092725	0.8969	0.6161	0.4244	0.5924	0.3121	-0.4944	-1.3153	-1.3625	-1.1191
PVX_083240	0.4582	-0.1947	-0.7536	-0.8474	-1.2323	-0.6472	0.1918	0.7021	0.9799
PVX_092705	0.0425	0.0638	0.6055	0.5575	-0.0188	0.3558	-0.0791	-0.0755	0.0715
PVX_002860	0.0117	-0.0964	0.2324	0.4752	0.359	0.1184	0.1957	0.0382	-0.177
PVX_082935	0.827	0.4036	0.2322	0.2382	0.0859	-0.1271	-0.4364	-0.377	-0.4782
PVX_099885	-0.1171	-0.36	-0.5414	-0.2055	1.2918	0.5511	-0.2628	-0.219	-0.1285
PVX_095000	-0.7472	0.7635	1.2401	0.9717	-0.5977	-0.68	-0.6201	-0.5148	-0.7803
PVX_114110	-0.3144	-0.6611	-0.6472	-0.7146	-0.2863	-0.2655	0.3172	0.1411	-0.228
PVX_087665	0.6139	0.525	0.4267	-0.1134	-0.5342	-0.3856	-0.2527	-0.0452	0.3399
PVX_089155	-0.6894	0.2642	1.1898	1.2076	0.3684	-0.0775	-0.3131	-0.3438	-0.358
PVX_113470	0.4238	0.1124	-0.0914	-0.2699	-0.5177	-0.1568	0.7432	0.7371	0.4621
PVX_081395	0.2996	0.0796	0.0194	-0.071	-0.0669	-0.2466	0.2266	0.7409	0.5045
PVX_000625	1.2137	1.1317	1.0737	0.9025	0.4827	-0.5262	-0.7355	-0.5293	0.1115
PVX_003495	0.3425	0.3749	0.2423	0.5734	0.5695	0.2397	0.0418	-0.1973	-0.1115
PVX_089845	-0.021	0.0938	-0.0394	-0.2193	-0.6679	-0.8961	-0.7222	1.2603	1.4431
PVX_112655	0.6078	0.1666	0.0343	-0.3752	-0.7055	-0.4859	0.4035	0.8305	0.6427
PVX_001010	0.1132	0.069	-0.0999	-0.127	-0.1614	-0.2574	0.1881	0.6508	0.8182
PVX_118270	0.0977	0.3445	0.115	0.0062	-0.0254	0.0689	0.37	0.4466	0.8035
PVX_098605	-0.1703	-0.1338	-0.2464	-0.2931	-0.3327	0.5375	0.6857	0.0711	0.2404
PVX_118305	-1.4578	-1.1078	-0.8867	-0.5863	-0.9186	-0.2196	1.0287	0.7967	0.0711
PVX_119285	-0.8529	-0.8031	-0.437	-0.1926	0.2388	0.5349	0.482	0.2935	0.2196
PVX_117260	-0.2422	0.3542	0.7174	0.6191	0.3991	0.4556	-0.0453	-0.2627	-0.09
PVX_118035	-0.7006	-1.0085	-1.1461	-0.7711	-0.0476	0.2077	0.5433	0.4973	-0.0381
PVX_092390	-0.1044	-0.1765	0.0048	0.4785	0.7183	0.3776	-0.0099	0.1369	0.3221
PVX_113530	0.2922	0.0937	-0.1234	0.1736	0.7685	0.3705	0.0897	0.1833	0.414

PVX_005065	0.2853	-0.1492	-0.2905	-0.2569	-0.382	-0.7389	-0.9356	-0.9818	-0.775
PVX_099920	-0.1602	0.0628	-0.0879	0.1054	0.403	0.5736	0.4419	0.0954	-0.1705
PVX_088120	-0.3218	-0.2286	0.1798	0.2206	0.2699	0.7106	0.3189	-0.1142	-0.199
PVX_094775	-0.375	0.087	0.5313	0.6507	0.412	-0.3287	-0.2041	0.1956	0.0541
PVX_097585	1.3427	0.3706	0.249	0.0608	-0.3012	-0.1177	-0.1533	0.6762	0.8935
PVX_091330	0.7081	0.5448	0.4345	0.3146	0.038	0.1022	0.4621	0.1993	-0.0752
PVX_080375	1.2122	0.6959	0.1536	-0.0541	-0.2233	-0.3303	0.2923	1.212	1.5437
PVX_066190	1.2134	0.5109	0.2183	0.0565	-0.1107	-0.5471	-0.4492	0.616	0.4896
PVX_122740	0.5483	-0.302	-0.4295	-0.3448	0.1717	0.3703	0.4708	0.3935	0.5455
PVX_114730	0.1518	0.2335	0.1355	-0.1198	0.1886	0.4252	0.4534	0.1304	0.3042
PVX_079945	0.0369	0.2801	0.2946	0.1655	0	-0.4351	-0.1176	0.2703	0.7739
PVX_114295	0.2922	0.387	0.2948	0.2958	0.1365	0.4253	0.5171	-0.0405	-0.2121
PVX_123955	0.0633	0.295	0.4975	0.616	0.5207	0.306	-0.1772	-0.1788	-0.1261
PVX_114470	0.3274	0.1198	0.1414	-0.0525	-0.0901	-0.1904	0.2267	0.1107	-0.2228
PVX_091560	0.2291	0.1578	0.2187	-0.0769	-0.3991	-0.5097	-0.8411	-0.7187	-0.976
PVX_099940	0.3108	0.2442	0	-0.6086	-1.0195	-0.8754	-0.5039	0.3598	0.9925
PVX_117040	-0.3443	0.0538	-0.0767	-0.2018	0.0493	0.3488	0.2513	-0.2887	-0.4655
PVX_096960	0.9741	0.3088	0.0499	0.5387	-0.163	0.2851	0.2479	0.0885	0.6824
PVX_121865	1.4155	0.1866	-0.0963	-0.4415	-0.695	-0.5774	-0.6422	-0.3391	-0.0109
PVX_121950	0.3107	0.2129	0.1225	0.3596	0.1966	0.2483	0.4993	0.664	0.7511
PVX_100710	-0.1728	-0.1911	-0.1578	-0.2226	-0.3243	-0.0173	1.2612	1.0467	0.6307
PVX_089430	1.0909	0.686	0.6289	0.412	0.1377	-0.2195	-0.7823	-0.7181	-0.5275
PVX_124140	-0.8928	-0.7545	-0.3947	-0.0846	0.208	0.333	0.4543	0.2814	-0.1621
PVX_122875	-0.319	0.4927	0.6403	0.6795	0.5001	0.4076	0.0201	-0.2286	-0.3991
PVX_122220	-0.4043	0.2496	0.6444	0.5018	0.3997	-0.0712	-1.0415	-1.1917	-1.1454
PVX_097530	0.3125	0.4536	0.3388	0.1239	0.34	-0.0349	0.292	-0.149	0.0928
PVX_095040	0.4163	0.4695	0.3169	0.2398	0.1951	0.0815	0.0589	-0.1585	-0.2042
PVX_112105	-1.4917	-2.0007	-2.4694	-3.0657	-1.8355	1.2211	0.9155	-0.3538	-0.8963
PVX_080700	0.9793	0.1166	0.0925	-0.1863	-0.3216	-0.1135	0.0788	0.7164	1.4724
PVX_084530	0.1587	0.0735	-0.1901	-0.1194	0.32	0.402	0.4004	0.3447	0.3694
PVX_000890	-0.254	-0.2575	0.1863	0.6435	0.6371	0.2744	-0.1012	-0.2987	-0.4327
PVX_094440	-0.4758	-0.4314	-0.0407	0.1882	0.337	0.22	0.1857	-0.0447	-0.008
PVX_087975	-0.048	-0.1237	0.0529	0.4048	0.6147	0.5142	0	0.1323	-0.0182
PVX_114630	-0.4226	-0.2937	-0.2391	-0.0871	0.2242	0.4275	0.432	-0.1259	-0.4661
PVX_089040	-0.1882	-0.4491	-0.0311	0.4055	0.9195	0.8238	0.2789	-0.1033	0.0854
PVX_122515	0.0332	0.341	0.5057	0.4967	0.4695	0.3633	-0.2959	-0.4016	-0.156
PVX_084300	-0.6893	0.0894	0.1484	0.3033	0.3133	0.6372	0.1506	-0.4911	-0.6072
PVX_002850	-0.3904	0.0524	0.2586	0.3942	0.6706	0.0252	-0.4534	-0.2629	-0.3326
PVX_086180	-0.2757	-0.0269	0.3199	0.2703	0.0891	0.5013	0.5182	0.0056	-0.2958
PVX_094900	-0.2886	-0.57	-0.6353	0.0582	0.5201	0.6333	0.1342	-0.0835	-0.1039
PVX_091945	-1.0204	-0.1146	-0.0134	-0.0361	-0.1028	-0.3704	-0.3795	0.375	0.8038
PVX_001790	1.0155	1.0123	1.0017	0.4951	0.0918	0.1506	-0.1028	-0.3399	-0.2659
PVX_095475	0.0075	0.3738	0.2838	0.1137	0.1648	0.1597	0.2881	0.2056	-0.0166
PVX_096270	0.4178	0.511	0.4031	0.2701	0.5275	0.4986	0.4457	0.1259	0.084
PVX_113230	0.7724	0.6506	0.3441	-0.1499	-0.6707	-0.5349	-0.5831	0.5039	0.7815
PVX_092320	0.9822	0.4097	0.4163	0.2474	0.2448	-0.0925	-0.5931	-0.708	-0.3113
PVX_091395	0.7724	0.4633	0.1764	-0.4301	-0.7346	-0.6612	-0.1863	0.5805	1.4566
PVX_105200	-0.9756	-0.4966	-0.5807	-0.7311	-1.1507	-0.3533	0.3233	-0.2622	-0.4987
PVX_124075	0.3705	0.2178	0.5117	0.6939	0.5131	0.474	0.1561	0.3188	0.6492
PVX_000865	0.3545	0.0601	0.0522	0.2042	0.1317	0.2155	0.2711	0.5136	0.6207
PVX_090240	-0.7429	-1.0437	-1.2433	-1.1717	0.1462	0.2494	-0.101	1.0126	0.6923
PVX_117370	0.7334	0.3597	0.0173	-0.3094	-0.5318	-0.418	0.0693	0.6342	1.2711
PVX_114940	-0.1331	0.0796	0.2698	0.3904	0.0907	0.3425	0.6775	0.3604	-0.2623
PVX_084410	0.3658	-0.1817	-0.4889	-0.7522	-0.6647	0.2806	0.7287	0.6929	0.7258
PVX_081705	0.4369	0.4254	0.6412	0.5325	0.675	0.3301	-0.4276	-1.3044	-1.4101
PVX_115990	-0.1171	-0.1892	-0.3763	-0.2808	-0.3003	-0.3338	-0.4119	-0.3567	-0.2845
PVX_086885	0.3243	0.3294	0.2239	-0.0641	-0.4114	-0.4114	0.0026	-0.0994	0.5005
PVX_085700	-0.2441	-0.637	-0.607	-0.3337	0.0792	0.703	0.2883	0.0882	-0.0312
PVX_003875	0.3684	0.2946	0.4653	0.6527	0.5371	0.4112	0.4908	0.4755	0.2449
PVX_119295	-0.6646	-0.9917	-1.4251	-1.518	-0.9732	0.4678	1.0558	0.5179	0.0606
PVX_101165	0.4024	0.5101	0.6623	0.8306	0.4091	-0.0667	-0.5803	-0.6465	-0.4864
PVX_096970	1.2107	0.5954	0.1265	-0.127	-0.2852	-0.4548	-0.1895	-0.1793	-0.1793
PVX_122695	-0.5403	0.0181	0.2063	0.3605	0.5266	0.4084	-0.433	-0.8395	-0.9546

PVX_114625	0.8086	0.8961	0.8711	0.8142	0.3506	-0.3375	-0.8522	-0.834	-0.7993
PVX_084185	1.5155	0.6505	0.4767	-0.247	-0.8759	-1.107	-0.8202	0.0907	1.0258
PVX_090975	0.6542	0.5587	0.3661	0.1845	0.3029	0.2285	0.2784	0.2023	0.227
PVX_088955	0.7424	0.6793	0.2954	-0.1409	-0.4955	-0.4299	-0.0738	0.7142	1.4591
PVX_095370	-0.254	-0.1938	-0.4843	-0.4705	0.0951	0.6544	0.8769	0.278	-0.0303
PVX_088205	-0.0545	0.0935	0.0015	0.0259	0.158	0.3088	0.6557	0.4542	0.079
PVX_082545	-0.3622	-0.066	0.481	0.5581	0.6954	-0.0281	-0.4233	-0.5793	-0.6646
PVX_096215	0.838	0.442	0.2338	-0.2815	-0.1408	-0.336	-0.1	0.3665	0.9929
PVX_091795	-0.7828	-0.3665	-0.1316	0.1352	0.0741	-0.7857	-1.0892	-1.3802	-1.6007
PVX_111375	-0.2492	-0.2981	-0.2446	0.2423	0.5042	0.0235	-0.1235	-0.3068	-0.4076
PVX_114540	-0.3283	0.2126	0.9262	0.9142	0.833	0.5043	0.0525	-0.3155	-0.3663
PVX_067690	0.2609	-0.0796	0.1154	0	-0.0827	0.0695	-0.0271	0.1871	0.3778
PVX_111340	-1.7067	-1.8819	-1.9662	-2.1677	-2.1347	-2.0349	0.5674	1.5716	0.4781
PVX_123010	0.0361	0.4482	0.5463	0.6624	0.4251	0.3936	0.0504	-0.7177	-0.7927
PVX_117825	0.0194	-0.3467	-0.6548	-0.5998	0.2049	0.4924	0.2139	0.1343	0.2848
PVX_093630	-0.5917	-0.6263	-0.096	0.0637	0.1594	-0.2861	-1.2056	-1.2797	-0.9016
PVX_117440	0.2236	0.5401	0.7046	0.4434	0.2708	0.279	-0.3999	-1.2008	-1.109
PVX_081735	-0.825	-1.003	-1.2644	-1.6574	-1.6354	-0.1374	1.4819	1.4213	0.5992
PVX_085625	-0.6091	-0.1203	0.6588	0.9262	0.7067	0.0918	-0.5016	-0.2637	-0.1884
PVX_093570	-0.2389	0.1489	0.1967	0.0421	0.0229	-0.2714	-0.028	0.8254	0.5854
PVX_080460	-0.4796	-0.6021	-1.1367	-1.5633	-1.843	-0.8344	0.8313	1.0026	0.7694
PVX_084565	0.5631	0.2164	0.0312	-0.1528	0.0397	-0.3705	-0.5617	0.0796	0.2258
PVX_003555	1.7014	0.7077	0.1249	-0.4052	-1.2367	-1.7386	-1.8773	-0.9134	0.3382
PVX_099195	-0.0494	-0.073	0.4143	0.5286	0.4041	-0.1259	-0.2948	-0.1107	-0.0901
PVX_092590	-0.648	-0.0737	0.1902	0.3662	0.5141	0.6052	0.0002	-0.2192	-0.3579
PVX_119765	0.2967	0.3394	0.5006	0.7198	0.6164	0.2918	0.3934	0.1697	0.1545
PVX_118530	0.8471	-0.1419	-0.2454	-0.2366	1.4464	0.8994	-0.2911	-0.3473	0.0574
PVX_098890	0.1847	-0.1256	0.1116	0.103	0.4425	0.6948	0.49	0.4004	0.597
PVX_084705	-0.2274	-0.5248	-0.7387	-0.8813	-0.2592	0.6412	1.2009	0.705	0.3949
PVX_096365	0.1361	-0.1316	-0.2693	-0.2081	0.1553	-0.0074	-0.0282	-0.1682	-0.3207
PVX_080360	-0.141	-0.2311	-0.089	0.062	0.6549	1.0842	0.9619	0.4693	0.2634
PVX_114190	0.7539	0.5377	0.2182	-0.4877	-0.8171	-0.8689	-0.4294	0.3379	1.4319
PVX_101115	-0.6605	-0.7239	-0.1679	0.2318	0.3119	0.036	-0.8156	-0.6225	0.0442
PVX_085205	0.3497	0.2356	0.2332	0.284	-0.3301	-0.8545	0.0676	0.3748	0.6508
PVX_103660	1.1293	1.1688	0.8575	0.8285	0.2958	-0.1432	-0.3036	-0.6567	-0.4122
PVX_089480	-0.1094	-0.117	-0.1385	-0.2584	0.0312	0.9674	0.8003	0.1728	0.3735
PVX_098910	0.2705	-0.19	-0.2735	-0.2885	-0.2789	-0.0284	-0.3253	-0.9864	-0.8016
PVX_094790	-0.578	-0.0985	0.1368	0.3941	0.9127	0.9516	-0.1267	-0.8089	-0.7799
PVX_003870	0.0652	0.4881	0.5921	0.6944	0.6809	-0.1483	-0.2039	-0.3117	-0.0687
PVX_111120	0.4074	0.4261	0.3779	0.4475	0.3314	0.1224	0.0545	0.5012	0.4347
PVX_114720	0.1605	-0.1386	-0.147	-0.2386	-0.0367	-0.0351	0.071	0.2919	0.3481
PVX_118580	0.0762	0.2471	0.283	0.4619	0.5723	0.7537	0.7821	-0.0055	-0.5423
PVX_003955	-0.0837	0.0888	0.2694	0.263	0.118	0.1683	-0.3805	-0.9639	-0.9337
PVX_094720	-0.2873	-0.073	0.2528	0.7341	0.4884	0.4316	-0.2929	-0.3982	-0.5455
PVX_114310	0.0749	-0.2161	-0.2803	-0.0211	0.0644	0.0733	0.1264	0.1377	0.294
PVX_002710	-0.7703	-0.6376	-0.6435	-0.6373	-0.1699	-0.0268	0.0638	0.3881	0.0589
PVX_117920	0.05	-0.0114	-0.0805	-0.2218	-0.414	-1.0198	-0.9743	-0.1438	0.2771
PVX_097860	0.618	0.6225	0.493	0.3345	0.1328	-0.0869	-0.7689	-0.518	-0.7248
PVX_101455	-0.2357	-0.3177	0.1544	0.4321	0.4992	-0.1063	-0.4012	0.1834	0.3898
PVX_117450	0.482	0.2286	0.3944	0.5476	0.7934	0.4177	-0.1238	-0.0882	0.0569
PVX_114955	-0.0736	-0.1969	-0.3073	-0.4195	-0.4332	0.62	0.8781	0.4898	0.4042
PVX_116735	0.1045	-0.193	0.004	0.1123	0.1674	-0.0633	-0.2303	0.1377	-0.2726
PVX_118060	0.457	0.2159	0.1494	0.1542	0.0319	0.1624	-0.2875	-0.4036	-0.2751
PVX_091670	0.5033	0.1234	-0.36	-0.6319	-0.366	-0.8755	0.1604	0.6209	0.7653
PVX_094705	-0.2479	0.0717	0.1808	0.1302	0.172	-0.0406	-0.228	-0.5649	-0.648
PVX_117190	0.8596	0.1049	-0.3302	-0.545	-0.6648	-0.2571	0.809	1.5748	1.7276
PVX_122840	0.0428	-0.2581	-0.2376	-0.3	-0.2676	-0.7054	0.0054	0.551	0.5231
PVX_113385	0.4422	0.1772	-0.0738	-0.4389	-0.5023	-0.4329	-0.1074	0.425	0.8598
PVX_101225	0.2076	0.3433	0.383	0.173	0.0941	0.1609	0.0962	0.0668	0.1648
PVX_124115	0.3411	-0.0421	-0.1281	-0.0184	0.0146	0.0588	0.6197	0.8329	0.8529
PVX_122815	-0.5225	-0.0063	0.1976	0.2462	0.3569	0.2896	-0.1029	-0.3453	0.0345
PVX_096385	0.4178	0.4707	0.4521	0.3896	0.2699	0.3772	0.3087	0.214	0.3488
PVX_085005	-0.7422	-0.319	0.2954	0.6214	0.9695	0.5368	-0.4387	-0.6789	-0.4679

PVX_113670	-1.1376	-0.1512	1.0179	0.8783	0.2114	-0.9469	-0.9693	-1.189	-1.1133
PVX_003935	-0.1118	0.0432	0.0362	-0.1677	-0.0932	0.7397	0.8076	0.2211	-0.1068
PVX_083515	0.2438	0.0666	-0.2012	-0.0228	-0.4835	0.14	-0.5569	-0.6394	-0.2786
PVX_117065	-0.4799	-0.2801	-0.0106	0.1985	0.1144	0.2855	0.5429	0.3692	0.1614
PVX_110905	0.2961	0.4337	0.5409	0.2329	0.298	0.3488	-0.1978	-0.3672	-0.3467
PVX_115110	-0.3334	-0.0187	0.134	0.2139	0.1377	0.1823	-0.0779	-0.264	-0.4208
PVX_088785	0.5296	0.4875	0.3535	0.1216	0.4102	0.1832	0.5749	0.3137	0.412
PVX_097815	-0.3702	-0.1757	0.049	0.2834	0.5893	0.2112	-0.107	-0.1883	-0.3459
PVX_080680	0.7922	0.2907	-0.327	-0.8844	-0.9298	-0.8928	-0.3007	0.3938	1.3829
PVX_092610	0.1057	-0.1166	0.0351	0.2885	0.1933	-0.5895	-0.2553	0.2547	0.8018
PVX_001690	-0.4118	0.0753	-0.3646	-0.8267	-0.6969	-0.7096	-0.4654	1.0794	1.0089
PVX_081595	-1.3382	-0.3783	0.0176	0.8019	0.7821	1.0578	-0.5459	-1.4805	-1.6457
PVX_082440	-0.288	0.1904	0.3191	0.3277	-0.0578	0.0743	-0.2847	-0.2059	-0.176
PVX_080335	0.0179	-0.1411	-0.2768	-0.5546	0.0063	0.5104	0.2439	-0.0744	0.0575
PVX_003750	-0.4437	-0.2167	0.3419	0.5736	0.5935	-0.193	-0.4574	-0.3404	-0.5974
PVX_095155	-0.5963	-0.0321	0.0192	0.0738	0.0235	-0.1322	0.3056	-0.092	-0.4335
PVX_080575	-1.0246	0.677	1.3066	1.4275	0.667	-1.2663	-1.7366	-1.6776	-1.4593
PVX_111590	1.3881	0.5803	0.3474	0.3073	0.0678	0.2393	0.4647	0.7043	0.5411
PVX_118520	-0.1552	-0.5119	-0.3545	-0.1347	0.3247	0.888	0.7785	0.3405	0.0501
PVX_123405	0.1573	0.5913	0.8243	0.8922	0.298	-0.0804	-0.6721	-0.8283	-0.7043
PVX_117000	0.4745	0.4176	0.7037	0.6754	0.5379	0.0796	-0.9839	-1.1449	-0.8611
PVX_087120	-0.1678	-0.3198	-0.4093	0.0336	0.8894	0.9876	0.2267	0.2352	0.1123
PVX_122205	1.1048	0.1219	0.0233	-0.1509	-0.3068	-0.3911	0.2263	1.1009	1.387
PVX_099430	0.7462	0.4879	0.3267	0.0453	-0.8112	-0.1259	-0.0136	0.8447	1.2799
PVX_094365	1.1343	1.1991	0.7784	0.7052	-0.3714	-0.2158	-0.3654	0.3059	0.6213
PVX_090865	-0.1693	-0.1136	-0.0209	-0.0468	0.0433	-0.1015	-0.1983	-0.8346	-0.743
PVX_095405	0.3535	0.3524	0.2397	-0.002	-0.6613	-0.7438	-0.6353	-0.0432	0.2895
PVX_094255	-1.2788	-1.3613	-1.3656	-1.5131	-1.7135	-1.3408	-0.0211	1.4314	1.1593
PVX_121355	-0.3263	-0.3924	-0.345	-0.3175	-0.4602	-0.2239	-0.235	-0.277	-0.0047
PVX_123195	0.5741	0.9424	0.8453	0.6993	0.1315	-0.3854	-0.4991	-0.5159	-0.4935
PVX_082610	0.5653	0.4825	0.734	0.7275	0.7644	0.2757	0.0821	0.1653	0.0798
PVX_117835	0.6286	0.0821	-0.3489	-0.3541	-0.1064	-0.0779	0.0912	0.842	1.0228
PVX_098810	0.1835	0.3879	0.3425	0.3717	0.5369	0.3734	0.1203	-0.1815	-0.2154
PVX_080425	0.2918	-0.0006	-0.3028	-0.8285	-1.2018	-1.0963	-0.7598	0.0172	0.8325
PVX_090150	0.9366	0.6861	0.7909	0.538	0.3709	0.0394	-0.3803	-0.3303	-0.2411
PVX_123485	0.2969	0.273	0.4362	0.4147	0.3825	-0.2381	-0.2768	-0.0255	0.4005
PVX_086980	0.3154	0.1893	0.2407	-0.0592	-0.4916	-0.1761	0.2692	0.4715	0.1926
PVX_085710	0.5026	0.734	0.8318	0.7496	0.7026	0.1616	-0.5342	-0.7103	-0.7217
PVX_084250	-0.335	-0.0205	0.3292	0.5927	0.5158	-0.1123	-0.1026	0.3228	0.5526
PVX_084330	0.2452	0.1282	0.0046	0.0681	0.0108	-0.4368	0.3077	0.5711	0.124
PVX_091370	0.4894	0.0983	-0.1076	0.0546	-0.0594	-0.2301	0.276	0.8	0.6559
PVX_094950	-0.1934	-0.0589	0.1847	0.1024	0.13	-0.2724	-0.4486	0.3347	0.4819
PVX_119655	0.432	0.4508	0.2496	0.2622	0.267	0.4359	0.3313	0.5503	0.5872
PVX_094535	0.2726	0.3818	0.3052	0.0686	-0.0039	-0.3684	-1.1871	-1.6246	-1.5379
PVX_001660	2.0649	1.5152	0.451	-0.1512	-0.4374	-0.4617	-0.4584	-0.0301	0.6211
PVX_083190	0.1706	0.3942	0.5558	0.4923	0.4878	0.1817	-0.1403	-0.1867	-0.1475
PVX_083555	-0.2283	0.4142	0	0.0815	0.0815	0	-0.2069	-1.2512	-1.1048
PVX_090210	-2.102	-2.1995	-2.5262	-2.6303	-2.6697	-2.4268	1.5641	1.5369	0.2127
PVX_088200	0.1476	0.2493	0.3476	0.2538	0.3387	0.4508	-0.1886	-0.3128	-0.1473
PVX_081715	-0.1919	-0.1735	0.2775	0.4857	0.4399	0.4376	0.0468	0.0038	0.1534
PVX_099130	0.2679	0.1924	-0.031	-0.2239	-0.3714	-0.1276	0.4397	1.0967	0.8539
PVX_090170	0.078	-0.1188	-0.2958	-0.0853	0.315	0.5903	0.3232	0.1994	-0.1515
PVX_095395	0.1274	0.1359	0.2146	0.4293	0.2778	0.2542	-0.5522	-1.0431	-1.1523
PVX_092010	0.4385	0.0021	-0.2133	-0.2713	-0.2429	-0.2167	0.0984	0.32	-0.1527
PVX_095495	-1.4215	-1.4192	-1.4159	-1.5891	-1.6744	-0.9545	1.0103	0.6965	0.0427
PVX_099590	-0.3301	-0.5123	-0.1421	0.2896	0.4128	0.3657	0.084	-0.0669	-0.0267
PVX_101240	0.1799	-0.0057	-0.3371	-0.2624	0.4475	0.3618	0.334	0.2122	0.4315
PVX_084480	0.3454	0.3494	0.3566	0.4044	-0.1076	-0.1361	-0.6063	-0.7046	-0.5622
PVX_002675	-0.6146	-0.1057	-0.1189	-0.0218	0.2045	0.1476	0.1927	-0.0195	-0.1665
PVX_116785	0.8171	0.7303	0.759	0.6299	0.6605	0.4258	-0.0134	-0.5119	-0.3065
PVX_088060	-0.3865	0.1829	0.6728	0.7341	0.4166	0.2587	-0.3584	-0.5644	-0.6356
PVX_101375	0.1297	-0.0849	-0.2786	0.485	0.2694	0.5019	0.7086	0.6908	0.654
PVX_088840	-0.3431	0.1465	-0.0562	-0.5626	-0.8486	-0.9963	-0.6318	1.0672	0.8473

PVX_100940	-0.4358	-0.7487	-1.0256	-0.9932	-0.1289	0.5062	0.5594	0.2196	0.0369
PVX_061190	0.0694	-0.1357	-0.2077	-0.6386	-0.2855	-0.3022	-0.4958	-0.4346	-0.491
PVX_118165	0.306	-0.1698	0.1341	-0.1836	0.276	0.4343	0.101	-0.502	-0.4127
PVX_116605	0.5069	-0.0395	-0.3259	-0.3775	-0.1563	-0.3036	-0.2514	-0.046	-0.0322
PVX_092370	-0.7153	-0.6383	-1.0734	-1.219	-0.4187	0.4992	0.9366	0.4451	-0.0452
PVX_099370	-0.5707	-0.1836	-0.2144	-0.0951	-0.1517	0.448	0.3755	-0.2218	-0.5849
PVX_117205	0.4619	0.0143	-0.1594	-0.0454	-0.3881	-0.3152	-0.6869	-0.766	-0.4341
PVX_123030	-0.2467	0.1957	0.2416	0.216	0.223	0.0194	-0.5013	-0.4091	-0.0745
PVX_084345	0.0873	-0.0298	0.0757	0.0464	0.4132	-0.169	-0.9698	-1.1696	-1.2153
PVX_099870	0.133	0.6268	0.5636	0.5191	0.2975	-0.0218	0.3404	0.2779	0.2907
PVX_122590	0.2489	0.0312	0.0713	0.1165	0.2633	0.2275	0.2739	0.0055	-0.0253
PVX_123520	0.6029	0.3265	0.1716	0.1116	0.136	0.0907	-0.724	-0.7714	-0.5674
PVX_119370	-0.2138	-0.0795	0.1263	0.2133	0.4875	0.3011	-0.157	-0.3946	-0.163
PVX_116875	0.4007	0.5258	0.2244	0.0083	-0.0954	0.1701	0.1756	-0.6117	-0.4943
PVX_115260	-0.0431	0.2283	0.0682	0.0637	-0.0291	0.1425	0.1733	-0.1505	-0.2452
PVX_117485	0.169	0.1107	0.3562	0.512	0.4645	0.3386	0.1378	0.1782	0.2099
PVX_084780	0.1293	-0.3842	-0.0776	0.2649	0.3079	-0.0561	-0.1951	0.2822	0.5466
PVX_097980	0.4745	-0.3383	-0.9295	-1.3392	-1.304	-1.0536	-0.2536	0.6535	0.9458
PVX_089705	-0.3907	-0.1543	-0.1486	-0.2545	-0.3491	0.2273	0.6748	0.1383	-0.2619
PVX_115195	0.4569	0.4442	0.3458	0.556	0.5388	0.5263	0.4077	-0.052	-0.0503
PVX_092555	-0.4148	-0.3394	-0.3396	-0.1627	-0.0749	0.0238	0.1417	-0.5443	-0.5104
PVX_113755	0.4639	0.0333	-0.1289	-0.2298	-0.4227	0.2449	1.166	0.834	0.8217
PVX_114245	-0.3154	-0.4581	-0.3188	-0.0304	0.5248	0.6473	0.432	0.2225	0.0051
PVX_085420	0.2264	0.5335	0.517	0.4319	0.4881	0.077	-0.6272	-0.9732	-1.1468
PVX_092765	-0.4304	0.1373	0.2469	0.1844	0.3016	0.6641	0.2592	-0.4386	-0.4124
PVX_090050	-0.1912	-0.0221	0.1341	0.3329	0.2704	-0.0635	0.1602	0.3775	0.1538
PVX_101435	0.0282	0.0692	0.09	0.0121	0.1367	0.2273	0.0709	0.0502	0.4053
PVX_091135	0.5076	0.0328	-0.2588	-0.3795	-0.3886	-0.3937	0.0571	0.4691	0.6338
PVX_090950	-0.0407	0.3893	0.38	0.3474	0.2059	-0.0789	-1.0515	-1.8355	-1.681
PVX_116615	0.5038	-0.5912	-1.3165	-1.3779	-1.0313	-0.1258	0.4028	0.7128	0.8873
PVX_097820	-0.5695	-0.1681	-0.1497	0.2013	0.3155	0.5084	0.1457	0.0106	-0.4274
PVX_088045	-1.0125	-1.0024	-1.3009	-1.4182	-0.9561	-0.0582	1.2815	0.9489	0.4676
PVX_092110	-0.1186	-0.4483	0.3527	0.4704	0.5487	0.0305	0.4445	-0.0045	-0.3194
PVX_113835	-0.3581	-0.4408	0.1034	0.0244	0.0771	0.0187	0.0591	0.2904	-0.0121
PVX_083490	0.2599	0.2489	0.2064	0.2354	0.2982	0.7377	0.6497	0.052	-0.2913
PVX_092345	0.7742	0.553	0.6027	0.4296	0.1408	-0.5151	-0.4012	0.0346	0.2446
PVX_123860	0.101	0.6359	0.7153	0.7008	0.34	0.2356	-0.2827	-0.1035	-0.2587
PVX_080340	-0.4758	0.4431	0.7598	0.7439	0.947	0.7067	0.0586	-0.2133	-0.3728
PVX_085525	0.3337	-0.3649	-0.4746	-0.3615	-0.5212	-0.6768	-1.0131	-0.92	-0.8669
PVX_085455	0.038	0.1056	0.1605	0.3846	0.315	-0.245	-0.149	-0.2316	-0.3524
PVX_114895	0.3788	0.5902	0.5798	0.3755	0.2658	0.2019	-0.3047	-0.7293	-0.9389
PVX_115075	0.7683	0.5044	0.3161	0.0039	-0.1624	-0.2387	0.0931	0.1397	-0.1064
PVX_094660	0.3295	-0.1423	-0.3378	-0.309	0.1646	0.507	-0.2863	-0.9674	-0.9031
PVX_115290	0.4534	0.2504	-0.05	-0.3204	-0.4857	-0.2193	0.1253	-0.306	0.0193
PVX_003920	0.5875	0.533	0.5546	0.5183	0.5327	0.3736	0.4901	0.4117	0.5102
PVX_114460	0.3775	0.2798	0.2359	0.076	-0.1966	-0.3495	-0.0371	0.0825	-0.2063
PVX_122870	0.0537	0.3054	0.4419	0.3146	0.1698	0.3534	0.7326	0.3897	0.2853
PVX_092900	0.6523	0.833	0.6427	0.5417	0.3733	0.1902	0.1135	0.1708	0.4475
PVX_097850	-0.3574	-0.4182	-0.4201	-0.4243	-0.3218	0.0719	0.2877	-0.5129	-0.7396
PVX_080560	-0.8135	-1.868	-0.1627	-0.0139	0.0812	0.5742	0.8625	0.5207	0.2438
PVX_097710	-0.644	-0.5709	-0.4878	-0.4729	-0.6583	-0.5963	0.5817	0.477	-0.0306
PVX_100800	-0.225	-0.1607	0.2274	0.4529	0.58	0.5105	-0.0468	-0.1194	0.1695
PVX_099540	0.0885	-0.0522	-0.4851	-0.5409	-0.3166	0.3673	-0.3138	-0.4017	-0.2154
PVX_118040	0.5579	-0.3688	-1.3234	-1.7278	-1.8605	-1.2614	0.8063	1.2104	0.7967
PVX_113540	-0.2944	-0.0768	-0.0201	0.2913	0.2412	-0.0546	-0.1684	-0.4227	-0.473
PVX_123390	-0.7486	-0.8001	-0.5477	-0.2107	-0.055	0.3019	0.3311	-0.2138	-0.1006
PVX_085370	0.3228	-0.1069	-0.317	-0.4426	-0.8127	-0.5229	1.1179	1.1109	0.8093
PVX_100860	-0.3289	0.1163	0.4071	0.6056	0.3773	0.7567	0.4944	-0.1029	-0.1792
PVX_085640	-0.5559	0.1065	-0.4591	-0.0218	0.4491	0.3748	0.5623	0.9319	0.161
PVX_113725	0.4236	0.186	-0.1324	-0.3953	-0.8308	-0.4815	0.367	0.5683	1.266
PVX_020680	-0.8895	-0.7704	-0.8413	-1.014	-1.1917	-1.4186	-1.4717	-1.0162	-0.7856
PVX_113655	0.0576	-0.0378	0.2336	0.5372	0.4236	0.1461	-0.4742	-0.729	-0.7844
PVX_122585	-0.4539	-0.4449	-0.6052	-0.8905	-0.8335	0.054	0.7771	0.3776	-0.0336

PVX_083270	0.4553	0.3992	0.3926	0.2128	-0.0778	-0.4644	-0.7843	-0.1873	0.1134
PVX_114755	0.0733	-0.4946	-0.8476	-0.5282	-0.2052	0.0765	0.9218	0.9052	0.5126
PVX_123575	0.1172	-0.2266	-0.4359	-0.3046	-0.4407	-0.4457	0.3143	1.2805	1.0456
PVX_096300	-0.2742	-0.1058	0.1993	0.0431	0.1359	-0.1703	-0.223	-0.208	-0.3508
PVX_086210	0.6712	-0.1315	-0.4653	-0.6702	-0.6982	-0.6155	-0.2461	0.0173	0.3591
PVX_094955	0.4776	0.125	-0.0534	-0.1564	0.2677	0.7364	0.3518	-0.2663	-0.436
PVX_001710	0.9814	0.7252	0.498	0.1454	0.0119	-0.1156	-0.8602	-1.177	-0.8727
PVX_103665	0.3115	0.3766	0.19	0.3786	0.2509	0.1375	0.3092	0.55	0.683
PVX_095205	-0.4987	0.0897	0.4608	0.4545	0.0961	0.3362	-0.017	-0.2387	-0.446
PVX_085565	-0.1263	-1.1143	-1.6586	-0.927	0.1237	1.1314	0.966	0.344	0.6066
PVX_095380	-1.3203	-0.4142	0.1455	0.2125	0.4601	0.4426	-0.4502	-1.0004	-1.3074
PVX_098780	-0.0152	-0.0993	-0.2677	-0.4465	-0.3958	-0.445	0.207	0.0256	0.2372
PVX_113935	1.0818	0.6746	0.2762	-0.0419	-0.4699	-0.8749	-0.941	-0.5524	-0.0825
PVX_097835	0.0416	-0.2634	-0.2434	-0.1673	0.4945	0.8058	0.5063	0.0173	0.1163
PVX_124035	-0.2938	-0.2797	0.18	0.3898	0.261	0.0975	-0.175	-0.0849	-0.0936
PVX_095075	0.0881	0.0105	0.1206	0.3357	0.183	0.7625	0.7188	0.2853	-0.1917
PVX_079745	-0.6853	-0.3166	-0.1121	0.1045	-0.1546	0.4641	0.2267	0.1854	0.0362
PVX_090985	-0.8325	0.3754	0.6658	0.6418	0.1871	-0.0119	-0.4424	-0.837	-1.2374
PVX_117715	0.9883	1.0272	0.5195	0.3097	-0.0405	-0.4877	-0.2234	0.7078	1.1187
PVX_094645	-0.0749	1.094	0.8702	0.4717	0.0032	-0.7257	-1.3592	-1.673	-1.4408
PVX_080235	-0.4021	0.2293	0.5194	0.7048	0.7792	0.2018	-0.4085	-0.5149	-0.5192
PVX_116965	-0.1509	0.1664	0.2892	0.2773	0.4004	0.0263	0.0529	-0.0177	-0.1182
PVX_082750	0.1549	-0.0689	0.2398	0.4287	0.2225	0.286	0.0856	0.2932	0.5961
PVX_096295	0.4515	0.4342	0.3499	0.1907	0.2632	0.2093	0.377	0.1962	-0.2568
PVX_114020	-1.046	-1.2309	-1.2389	-0.698	-0.1284	0.3757	0.4802	0.2966	-0.1714
PVX_122355	0.0432	0.5721	0.4854	0.3635	0.2659	0.1879	-0.7531	-0.6728	-0.4283
PVX_089065	0.2856	-0.0068	0.0457	0.1594	-0.0766	-0.9953	-0.1812	-0.0898	0.4559
PVX_001860	-0.3922	-0.3405	-0.098	-0.2971	-0.2493	0.1334	0.8011	0.8969	0.4717
PVX_093725	0.4807	0.1197	-0.016	-0.2316	-0.7006	-0.3751	-0.1777	-0.2479	0.0241
PVX_003695	0.8303	-0.1854	-0.3779	-0.3302	-0.3555	-0.3261	0.3321	0.8764	1.1328
PVX_115350	0.4349	0.6088	0.4538	0.4839	0.2045	0.008	-0.4186	-0.532	-0.3074
PVX_114250	-0.1499	0.1302	0.2984	0.431	0.6907	0.288	-0.1469	-0.2262	-0.2686
PVX_098020	0.065	-0.9461	-1.1486	-0.6379	0.2217	0.7552	0.4269	0.3301	0.2545
PVX_084820	0.1329	0.5962	0.6362	0.7093	0.3548	-0.1618	-1.0737	-1.0128	-0.7859
PVX_089685	0.0732	-0.0144	-0.4575	-0.8497	-0.6675	0.0419	0.5906	0.6109	0.5979
PVX_096155	-0.2894	-0.6783	-0.7271	-0.4207	0.3439	0.7237	0.8696	0.5177	0.1859
PVX_101150	-0.1436	-0.6312	-0.6912	-0.6802	-0.1621	0.9635	0.7051	0.1974	0.1423
PVX_001680	-1.895	-2.1998	-1.9743	-2.2317	-2.8924	-2.7025	-1.06	1.5483	1.6301
PVX_084270	-0.4231	0.2507	0.0468	0.1491	0.3489	-0.1653	-0.5491	-0.6243	-0.6742
PVX_017145	-0.4013	-0.484	-0.2599	-0.3304	-0.0601	-0.0661	-0.3785	-0.1529	-0.0534
PVX_086855	1.5476	1.4507	1.3791	0.8037	-0.9846	-1.0764	-1.1447	-0.9052	-0.2888
PVX_084240	0.4929	-0.1981	-0.5249	-0.58	-0.4935	-0.5735	0.0427	0.7075	0.9404
PVX_082745	-0.1044	0.0838	0.2611	-0.0034	0.0841	0.4827	0.4334	-0.1874	-0.2677
PVX_118365	-0.6739	0.362	0.6923	0.7059	0.1651	-0.3663	-0.9758	-0.9407	-0.7237
PVX_086890	0.1378	0.084	0.2025	-0.105	0.1915	0.1749	0.245	0.0757	0.0906
PVX_092985	-0.4057	-0.5476	-0.2881	0.1718	0.7014	0.7739	0.1011	-0.327	-0.1308
PVX_114545	0.1646	0.3136	0.817	1.1779	0.9106	0.4341	0.2547	0.2409	0.01
PVX_100635	-0.4748	-0.033	0.0647	0.326	0.6385	0.6625	0.1243	-0.285	-0.4927
PVX_094425	-0.2258	0.0088	-0.0406	-0.2129	0.08	0.3034	0.7069	0.4294	0.3698
PVX_086950	0.4601	0.5269	0.5758	0.2553	0.356	0.6893	0.4988	-0.0086	-0.0129
PVX_119820	-0.3659	-0.1488	-0.2297	-0.3282	-0.177	-0.047	-0.0205	-0.3471	-0.6137
PVX_101370	-1.2243	-1.3562	-0.9194	0.3105	0.438	0.2274	0.3348	0.6117	0.4326
PVX_118130	-0.2537	0.1867	0.4864	0.7038	0.6646	0.2264	-0.2259	-0.3252	-0.2307
PVX_084575	-0.1903	-0.0128	-0.0865	0.1651	0.3217	0.3696	0.0046	-0.166	0.0386
PVX_117305	-0.1389	-0.3776	-0.382	-0.2643	0.3965	0.8411	0.3673	-0.1217	-0.0033
PVX_123660	0.7212	0.1949	0.1505	0.1927	-0.1058	-0.097	-0.1191	-0.0874	0.453
PVX_117220	0.8167	0.1241	-0.193	-0.3049	-0.2234	-0.3793	0.3367	1.0898	1.4996
PVX_122470	0.7788	0.1877	0.0716	0.0009	-0.0373	0.1855	0.5605	0.3102	-0.0662
PVX_113925	-0.286	-0.2105	-0.1512	-0.2088	-0.1326	-0.0085	-0.2062	-0.2589	-0.0633
PVX_084965	0.2252	0.3758	0.5301	0.4362	0.6726	0.4026	0.4114	0.3768	0.3564
PVX_114655	0.6708	0.5841	0.3898	0.2298	0.287	0.3152	0.5297	0.3118	0.3084
PVX_089110	-0.2332	-0.6028	-0.3308	-0.5493	-0.7019	0.0013	0.3657	0.2575	0.4948
PVX_099480	0.3586	0.4308	0.3351	0.2703	0.222	-0.1903	-0.4317	-0.3717	-0.3263

PVX_123875	0.534	0.5679	0.3382	0.1368	0.2295	-0.0945	-0.1903	-0.1006	0.0459
PVX_085645	-0.1382	0.0542	0.3004	0.3057	0.2362	0.6193	0.081	-0.224	-0.4909
PVX_099065	0.889	0.0939	-0.2528	-0.2778	-0.1451	-0.439	0.114	0.516	1.0698
PVX_000975	-0.5822	-0.9195	-0.8695	-0.557	-0.0643	0.8418	0.3539	0.0256	0.1661
PVX_085030	-0.704	-0.894	-1.0707	-1.3808	-1.3736	-1.2514	1.0245	1.0201	0.1804
PVX_119665	-0.0763	0.425	0.3672	0.329	0.3273	-0.1176	-0.3827	-0.3845	-0.2466
PVX_092605	-0.5047	-0.285	-0.0241	0.1773	0.1982	0.1266	-0.1681	-0.4834	-0.2237
PVX_091680	0.4935	0.3799	0.0816	0.0397	0.1558	-0.1816	-0.0603	0.214	0.6643
PVX_115320	0.6715	-0.0392	-0.2588	-0.361	-0.4463	-0.3647	0.3074	0.8821	0.9058
PVX_117970	-0.0478	0.1544	0.044	0.1293	0.1131	-0.3694	-0.4142	-0.2962	-0.2978
PVX_123340	0.3791	0.0658	0.4539	0.4991	0.2842	0.0782	-0.7957	-1.3193	-1.2016
PVX_119715	0.8129	0.5552	0.4412	0.317	0.0795	0.3609	0.3522	0.5187	1.2684
PVX_092230	-0.2257	-0.3602	-0.2471	-0.0778	0.016	0.0558	-0.1478	0.0908	-0.1544
PVX_096145	-0.0121	0.3653	0.4141	0.4442	0.1807	-0.0472	0.0079	-0.0346	0.1979
PVX_091920	-0.7147	0.3715	0.5882	0.8889	1.0794	0.3517	-0.5769	-1.2	-1.4243
PVX_086945	-0.5472	-0.4618	-0.7885	-0.4999	-0.4192	-0.5017	-0.1725	1.0672	0.8015
PVX_084660	-0.3544	-0.8264	-0.8178	0.1439	1.1934	0.673	0.239	0.2596	0.065
PVX_094460	0.4067	-0.2638	-0.1951	-0.303	-0.3497	-0.3263	0.1244	-0.0802	0.6191
PVX_092635	-0.0914	0.3242	0.5279	0.6098	0.6117	0.1172	-0.4704	-0.2465	-0.1189
PVX_001955	-0.729	-0.9912	-1.3238	-0.6038	0.1408	0.4225	0.5276	0.2426	-0.2699
PVX_116975	-0.3153	0.0473	0.474	0.4818	0.5785	0.2821	-0.0738	-0.1247	-0.1199
PVX_094755	0.2215	0.1992	0.2072	0.0465	0.032	0.396	-0.1945	-0.7787	-0.7178
PVX_097920	-0.8343	-0.8817	-0.8448	-0.8834	-0.7838	0.53	1.1008	0.1016	-0.6695
PVX_097910	0.183	-0.1183	0.1274	0.6757	0.9674	0.2734	0.5304	0.4105	0.0971
PVX_099465	-0.5538	0.2774	0.5523	0.7273	0.2929	-0.4049	-0.5371	-0.7599	-0.7472
PVX_115200	0.3988	0.669	0.7868	0.5741	0.3826	-0.0836	-1.1185	-0.9671	-0.8396
PVX_081375	-1.5032	-0.2488	0.0991	0.3898	0.9518	0.9451	-0.1874	-1.061	-1.4665
PVX_113710	0.2553	0.2875	0.2084	0.2194	0.2938	0.2648	-0.3687	-0.7318	-0.5301
PVX_080135	1.1318	0.8374	0.6701	0.5452	0.0139	-0.5728	-0.4625	-0.4165	-0.3322
PVX_001840	-0.1967	-0.5292	-0.2662	0.0843	0.3435	0.8133	0.415	0.1164	-0.0606
PVX_091960	0.2496	0.4033	0.3557	0.2241	0.1859	-0.2771	-0.7868	-0.8541	-0.3994
PVX_119470	0.2614	0.4885	0.5147	0.3677	0.1604	0.0041	-0.584	-1.0199	-1.213
PVX_085590	0.1477	0.0558	0.1753	0.2698	0.175	-0.0894	0.0583	-0.2078	-0.307
PVX_116565	0.164	0.0509	-0.1233	-0.1404	-0.018	0.58	0.8901	0.8441	0.6612
PVX_097950	0.3887	0.4656	0.288	0.2126	0.2113	0.152	0.0523	0.0519	0.0631
PVX_114490	-0.262	-0.3296	-0.324	0.1155	0.112	0.2293	0.0029	-0.6856	-0.6859
PVX_092185	0.1271	-0.193	-0.3093	-0.2808	0.1138	0.723	0.8144	0.6569	0.5651
PVX_089230	0.2261	0.1766	0.2952	0.1719	0.306	0.4794	0.6912	0.3205	0.1369
PVX_084200	-0.2262	0.0102	0.1771	0.0063	0.186	0.1732	0.1816	0.1607	0.2406
PVX_088985	-0.5614	-0.4712	-0.0161	0.2835	0.5319	0.6681	-0.0576	-0.4359	-0.3421
PVX_101330	-0.7453	-0.5325	0.195	0.3179	0.2317	-0.0117	-0.4235	-0.3935	-0.2924
PVX_097690	-0.31	-0.7625	-1.0835	-1.4723	-1.475	-0.5965	0.627	0.4662	0.3377
PVX_088815	0.8566	0.5169	0.2681	0.0912	-0.2115	-0.0251	0.4286	0.3497	0.3791
PVX_091145	0.2342	0.4082	0.4499	0.1152	0.2595	0.036	-0.5096	-1.1463	-1.0277
PVX_091510	-0.1681	0.0976	0.2244	0.4043	0.2207	0.1132	-0.1567	0.1722	-0.1245
PVX_080510	0.6456	0.2898	0.2312	0.0899	-0.1726	-0.1028	0.2808	0.7026	0.8302
PVX_118000	0.245	-0.035	0.0266	0	-0.2254	-0.4669	-0.3146	-0.2772	-0.4443
PVX_053690	-0.106	-0.1547	-0.2922	-0.337	-0.3942	0.1252	0.3244	0.4575	0.2614
PVX_091540	0.4235	-0.1726	-0.1963	-0.0997	0.081	0.5391	0.3095	0.0275	0.436
PVX_117460	0.182	0.2012	0.0566	-0.132	-0.4877	-0.2006	-0.2292	0.0506	-0.2016
PVX_099535	-0.9443	0.2727	0.5375	0.5488	0.1976	-0.2603	-1.5974	-1.894	-1.936
PVX_099410	-0.5444	-0.8096	-1.0105	-0.8045	-0.7654	0.1514	1.013	0.5887	-0.1786
PVX_096990	-0.1854	-0.3018	-0.5537	-0.7832	-0.8312	-1.0529	-0.9239	0.0761	0.3498
PVX_117725	-0.326	-0.3771	-0.2539	-0.2596	-0.4724	-0.2872	-0.133	-0.0724	-0.1318
PVX_087775	0.2646	0.0129	0.0239	-0.0041	0.0796	0.4455	0.4612	0.2383	-0.2349
PVX_099390	-0.593	0.2445	0.5688	0.8014	0.9905	-0.034	-0.4859	-0.7486	-0.5216
PVX_000670	-0.461	-0.3753	-0.0905	0.1074	0.1585	0.155	0.2196	0.0475	-0.3442
PVX_091550	-0.5915	-0.0216	0.3978	0.5592	0.9731	0.7334	-0.148	-0.7166	-0.7109
PVX_123495	0.3456	0.5235	0.5589	0.6557	0.4077	0.2782	0.1864	0.0179	0.2571
PVX_089395	0.0315	0.0693	-0.1685	-0.3338	-0.0927	0.1116	0.3467	0.1235	0.1627
PVX_118445	-0.6559	-0.7579	-0.9333	-0.7843	-0.5885	-0.7645	0.7799	0.8057	0.4588
PVX_099405	-0.8203	-0.9038	-1.211	-0.6985	-0.3146	0.9089	1.3167	0.6143	0.0317
PVX_114935	0.2398	0.1713	0.2017	0.2602	0.0684	-0.4555	-0.4008	-0.339	-0.2194

PVX_083125	0.2278	0.1383	-0.0024	0.3878	0.6278	0.039	-0.4292	-0.3571	-0.2333
PVX_085765	0.3149	0.0889	0.2728	0.3594	0.0041	0.1387	-0.0338	0.8321	0.894
PVX_095470	0.4267	-0.1651	-0.1549	0.0527	-0.235	0.0159	0.0817	0.5819	0.4783
PVX_094575	-0.0932	0.4152	0.5743	0.6412	0.5508	-0.1798	-0.4064	-0.3718	-0.2629
PVX_113505	-0.219	-0.1649	0.223	0.3019	0.3514	0.5815	0.0028	-0.7123	-0.6837
PVX_123765	-0.2431	-0.3308	-0.8202	-1.4396	-1.4746	-0.8355	0.2111	0.9099	0.9234
PVX_002940	-0.0395	0.37	0.3989	0.3749	0.3187	0.2755	-0.1131	-0.3794	-0.5187
PVX_002920	-0.5975	-0.1036	0.2548	0.4818	0.7161	0.0705	-0.0616	0.3479	0.1084
PVX_080550	-0.3192	-0.3461	0.1912	0.446	0.3755	0.7753	0.2199	-0.051	-0.0989
PVX_097765	-0.688	-0.1868	0.3686	0.7669	0.6603	0.0989	-0.228	-0.3815	-0.6604
PVX_087095	-0.968	-0.9384	-0.5543	-0.4849	0.1864	0.9127	0.4583	0.2941	0.0537
PVX_099625	-0.4611	0.0841	0.2576	0.3617	0.002	-0.3275	-0.5661	-0.28	-0.4244
PVX_081315	0.2459	0.1127	0.1486	0.2382	0.2778	0.1573	0.1027	0.5124	0.348
PVX_122065	0.7063	0.8624	0.724	0.6351	0.0884	-0.1532	-0.5226	-0.2525	-0.0952
PVX_029190	-0.9635	-0.8268	-1.0512	-0.7958	-0.9502	1.4336	1.5048	0.3862	-0.2409
PVX_117985	0.1042	-0.043	-0.1575	-0.4079	-0.5248	-0.237	-0.1054	0.1092	0.1903
PVX_042690	0.408	0.5155	0.3788	0.624	0.3713	0.0981	-0.0233	-0.0446	-0.0349
PVX_083340	0.3793	0.5606	0.6314	0.5155	0.1581	-0.1656	-0.567	-0.4052	-0.0986
PVX_082370	0.0584	0.63	0.8835	0.688	0.2968	-0.3196	-0.3936	-0.3489	-0.1418
PVX_122640	0.7761	0.4017	-0.2724	-0.7965	-0.8727	-0.7924	0.1294	0.9418	1.3777
PVX_095185	-0.009	0.7897	0.8295	0.7695	0.1987	-0.3092	-0.3923	-0.4645	-0.4693
PVX_094545	0.0298	0.423	0.3495	0.2467	0.2428	0.194	-0.0275	-0.224	0.0152
PVX_088195	-0.0945	0.1691	0.1581	0.1809	0.3304	-0.0884	-0.576	-0.6005	-0.4545
PVX_122230	-0.539	-0.9005	-1.35	-1.3685	-1.8598	-1.2003	0.6097	1.269	0.7498
PVX_123045	-0.9525	-1.0718	-1.2371	-1.189	-0.977	-1.1365	-0.2852	1.187	1.0011
PVX_114765	0.4943	0.3671	0.048	0.012	0.1911	-0.2719	0.1327	0.1933	0.2804
PVX_003725	-0.4245	-0.1466	-0.0004	0.0651	-0.3065	0.9925	0.6943	-0.3084	-0.5195
PVX_119390	0.4541	0.3758	0.246	0.1483	0.1603	0.1125	-0.4785	-0.9659	-1.1327
PVX_002700	-0.6639	-0.7817	-0.9638	-0.7727	-0.4463	0.7221	1.0822	0.4069	-0.3431
PVX_094835	-0.5645	-0.4946	-0.2795	-0.0396	0.3255	0.5704	0.3083	0.0387	0.1016
PVX_118180	-0.4694	0.2841	0.661	0.8325	0.1324	0.1696	-1.0513	-1.0722	-0.5867
PVX_098875	-0.2548	0.4918	0.6205	0.5001	0.4341	-0.5332	-0.533	0.0046	-0.0141
PVX_081630	-0.667	-0.289	-0.0813	-0.0472	0.063	0.2372	0.0737	-0.2238	-0.641
PVX_122880	-1.0795	-0.5673	-0.5694	-0.3086	-0.2115	0.6341	0.3577	-0.5195	-0.7294
PVX_113405	1.0496	0.5231	0.1908	0.0911	0.9834	1.2439	1.5265	1.184	0.6431
PVX_001650	1.5199	0.7331	0.3948	-0.0229	-0.1572	-0.7027	-1.1635	-0.9337	-0.405
PVX_088830	1.149	0.9339	0.7268	0.0867	-0.7783	-1.903	-1.8873	-0.7285	-0.1906
PVX_002585	0.1844	0.0059	-0.3041	-0.4957	-0.8084	0.4126	0.5596	-0.05	0.3336
PVX_084235	-0.0667	-0.1664	0.1779	0.1876	0.0201	-0.1048	-0.0869	-0.0877	0.1316
PVX_097880	0.5425	-0.3017	-0.2929	-0.1848	0.0969	0.6177	0.2581	0.3892	0.7435
PVX_113570	-0.6768	-0.1291	0.3785	0.5264	0.4079	0.0061	-0.4609	-0.5916	-0.6558
PVX_115000	-0.5365	-0.1632	0.109	0.3681	0.1261	0.3546	-0.3824	-0.9178	-1.1273
PVX_001715	-0.0435	0.2538	0.3389	0.3683	0.3454	-0.0887	0.2707	0.4408	0.2576
PVX_081490	0.0729	0.4895	0.7168	0.8257	0.7353	0.2191	-0.2947	-0.0077	-0.0691
PVX_081405	-0.294	-0.4892	-0.2058	0.1867	0.7779	0.7354	-0.0808	-0.1703	-0.2517
PVX_086125	-0.1904	-0.0017	-0.0567	0.0031	0.094	0.2012	-0.0041	-0.0906	0.5632
PVX_015130	-0.6521	-0.561	-0.4305	0.3183	0.6699	0.7388	0.2797	-0.0293	-0.1624
PVX_094655	-0.4195	-0.5461	-0.7702	-0.9074	-1.0965	-1.6891	-1.3442	0.8024	1.1184
PVX_105710	0.0401	0.075	-0.3433	-0.4313	-0.3317	-0.2363	-0.1721	-0.2128	0.1809
PVX_100515	-0.3155	-0.2722	-0.5837	-0.7484	-0.8422	0.1429	0.1354	0.9538	1.0504
PVX_123775	0.2233	0.2514	0.2643	0.2837	0.3121	-0.0079	0.5034	0.6768	0.7279
PVX_119795	-0.8321	-0.4088	0.157	0.5532	0.6448	0.514	-0.3184	-0.4747	-0.5879
PVX_002535	1.7069	1.362	0.7119	0.5021	0.1412	0.0117	-0.0572	0.0016	0.2929
PVX_082865	0.3526	-0.1881	-0.103	-0.368	-0.4769	0.3659	0.589	0.322	0.7447
PVX_080405	0.2077	0.5794	0.6441	0.5367	0.3626	-0.1937	-1.1193	-1.1645	-0.9098
PVX_095315	0.5428	0.4108	0.2667	0.1962	0.4699	0.5434	-0.1573	-0.6969	-0.9086
PVX_080040	0.2956	0.1029	-0.107	-0.021	0.2705	0.0752	0.0545	0.14	0.4364
PVX_124105	-0.2518	0.4768	0.9076	1.0441	1.0638	0.2601	-0.356	-0.7909	-0.6273
PVX_086115	0.389	0.3696	0.0954	-0.1351	-0.3439	-0.0553	-0.0177	0.7584	0.6077
PVX_101505	-1.1297	-1.1599	-1.678	-1.8574	-2.1862	-2.0164	0.3008	1.4447	0.7793
PVX_088275	0.647	0.206	0.0062	-0.2154	-0.4157	0.635	0.4184	0.0078	0.3142
PVX_000005	0.3836	0.4745	0.159	-0.2245	-0.6719	-0.5354	-0.4612	0.0917	0.5418
PVX_087845	-0.038	-0.4445	-0.3524	0.0518	0.3044	0.4087	0.4617	0.5095	0.377

PVX_089740	-0.1784	-0.0047	0.2136	0.7431	0.4963	0.763	0.3782	0.4223	0.5287
PVX_083345	0.5572	0.1448	0.0778	-0.5528	-0.5797	-0.0382	0.0206	0.2888	0.8601
PVX_087030	0.2021	0.5819	0.5934	0.4722	0.4509	0.2137	-0.1321	-0.1212	-0.1661
PVX_116705	0.0482	0.1799	0.3693	0.3946	0.6117	0.6309	0.3688	0.0705	0.1073
PVX_085775	-0.259	0.121	0.6741	0.718	0.2156	-0.1227	-0.1982	-0.1542	0.1102
PVX_092910	-0.9254	0.3693	0.7192	0.7027	0.5009	-0.6943	-1.1767	-0.142	-0.04
PVX_067190	-0.0421	-0.7264	-0.1555	-0.1661	-0.3374	-0.1304	-0.3652	-0.2157	-0.303
PVX_081275	-0.1723	-0.2628	-0.3351	-0.3743	-0.3949	-0.3944	-0.3318	-0.5452	-0.6911
PVX_090195	-0.7137	0.1156	0.1875	0.3347	0.2616	0.3919	0.2652	-0.5573	-0.6354
PVX_097740	0.0875	0.1823	0.204	0.0969	0.2162	0.0269	-0.2937	0.0382	0.2748
PVX_003790	0.1587	0.6214	0.6524	0.4384	0.378	0.1168	-0.353	-0.1068	-0.0026
PVX_082965	0.1881	0.4676	0.4007	0.284	0.1703	-0.0993	-0.5815	-1.2592	-1.3852
PVX_082835	-1.3504	-0.2673	-0.0323	0.1873	0.4224	0.5378	-0.1236	-1.2163	-1.4505
PVX_085365	0.7128	0.6774	0.5611	0.4879	0.3455	-0.1512	-0.0054	-0.3018	-0.4049
PVX_002930	-0.1819	-0.4307	-0.5893	-0.19	0.2368	0.3194	0.4388	0.1948	-0.0078
PVX_084600	-0.0668	0.2309	0.2801	0.17	0.2391	0.4964	0.3672	-0.0472	-0.4576
PVX_088910	-0.5295	-0.4425	-0.5036	-0.6388	-0.6223	-0.762	-0.121	1.0877	0.787
PVX_107750	-0.0969	-0.0474	-0.0424	-0.2905	-0.193	-0.2742	-0.0113	0.2125	0.1447
PVX_114480	-1.5921	-0.5727	-0.0507	0.5232	0.4683	-0.8702	-1.8521	-1.9078	-1.7205
PVX_124080	0.0036	0.5491	0.5963	0.3635	0.6489	0.4326	0.0311	0.3407	0.0304
PVX_119480	-0.0645	0.0278	0.0606	-0.0966	-0.1249	-0.2845	-1.1188	-1.5079	-1.5639
PVX_113370	-1.5518	-1.6228	-1.7181	-1.5806	-1.4527	-0.3261	1.7342	0.8895	0.034
PVX_084145	0.8018	0.1041	-0.2517	-0.2857	-0.5093	-0.363	0.3399	0.9422	1.1142
PVX_114695	0.3933	0.4	0.4115	0.1182	-0.2511	-0.3006	0.3663	0.6571	0.6455
PVX_113400	-0.6199	-0.5741	-0.3477	0.3412	0.9246	0.5752	0.042	-0.0531	-0.1847
PVX_118610	0.209	0.5901	0.4868	0.3404	0.2756	0.277	0.1177	-0.5128	-0.4254
PVX_000665	-0.3961	-0.277	-0.2466	0.1968	0.2056	0.1386	-0.1618	-0.3898	-0.4584
PVX_122820	0.8089	0.1798	0.2174	-0.1655	0.2978	0.3093	0.3107	0.3404	0.3153
PVX_079815	0.5253	0.5953	0.4472	0.1385	-0.2254	-0.5913	-0.8242	-0.8766	-0.3065
PVX_082815	0.3849	-0.1802	-0.4592	-0.5482	-0.7257	-0.4284	1.2283	0.9538	1.0161
PVX_001855	0.2379	0.3149	0.5726	0.5929	0.3419	0.1565	-0.1674	0.545	0.4238
PVX_002600	0.3387	-0.021	-0.0385	-0.2274	-0.3381	-0.3336	-0.1125	0.3541	0.5188
PVX_079925	-0.8373	-0.9381	-0.7194	0.0364	0.4487	0.8288	0.3948	-0.1883	-0.5488
PVX_083020	-0.1179	0.4615	0.4947	0.6549	0.6054	-0.2185	-0.6984	-0.6902	-0.5554
PVX_119455	-0.3558	-0.5848	-0.2588	0.198	0.7603	0.625	0.0928	0.0824	-0.1163
PVX_113675	-0.2794	-0.3273	-0.3306	-0.106	-0.0199	-0.0643	0.0579	-0.4666	-0.5981
PVX_092640	0.4301	0.3014	-0.0692	-0.1531	0.1235	0.6352	0.5146	0.559	0.5975
PVX_117705	-0.92	-1.0793	-1.5403	-1.8219	-0.6636	0.1624	-0.0236	-0.0275	0.218
PVX_090225	0.6755	0.4492	0.2273	-0.2985	-0.4746	-0.4194	-0.2108	0.7341	1.2391
PVX_001100	-1.5554	-1.6085	-1.7046	-1.9988	-2.2675	-2.0226	-1.1984	1.3098	1.5268
PVX_094475	-0.4633	-0.013	0.0478	0.2422	0.2534	0.0135	-0.3987	0.2084	-0.2041
PVX_099600	-0.1943	0.1088	0.4164	0.455	0.636	0.1051	-0.1083	0.1286	0.2203
PVX_101465	0.7376	0.2338	0.1165	-0.2034	-0.0432	-0.2077	-0.7835	-0.773	-0.4383
PVX_098945	-0.3305	-0.0708	-0.1642	-0.0427	0.1615	0.505	-0.1503	-0.4108	-0.3922
PVX_081350	-0.4494	-0.2242	0.2357	0.2884	0.2876	0.0499	-0.412	-0.2345	-0.2124
PVX_117340	0.2122	0.1438	-0.0328	-0.084	0.1004	0.0115	-0.4058	0.031	-0.1036
PVX_118400	0.1859	-0.2015	-0.0857	0.028	0.1531	0.1585	0.5059	0.4778	0.8061
PVX_115470	1.2782	0.928	0.5836	-0.0191	-0.7524	-2.4284	-2.5096	-1.7799	-1.0291
PVX_100945	-0.3423	0.4249	0.3498	0.5344	0.3949	0.4386	0.2217	0.0104	-0.2232
PVX_085950	0.1648	0.7451	0.6817	0.6434	0.5625	0.2599	-0.3514	-0.7069	-0.4229
PVX_094930	-0.7546	-0.5691	-0.2096	0.2368	0.4401	0.432	-0.1778	-0.1541	-0.3175
PVX_088990	0.9892	0.5197	0.1759	-0.2709	-0.6179	-0.4217	0.0178	0.7992	1.3322
PVX_081255	-0.8122	0.3299	0.3805	0.5745	0.2633	0.0816	-0.6812	-0.8216	-0.8671
PVX_080350	-0.222	-0.679	-0.6291	0.0031	0.5381	0.6121	0.7402	0.2043	0.0681
PVX_084370	0.6332	0.733	0.017	-0.1529	-0.1634	-0.1998	0.1422	0.6278	0.8125
PVX_092240	-0.1263	0.079	0.1247	0.2797	0.5577	0.7232	0.0437	-0.2229	-0.1714
PVX_087795	0.4604	0.4873	0.249	-0.1258	0.0723	0.0587	-0.1804	0.054	0.0538
PVX_099340	0.0625	-0.2107	-0.335	-0.0381	0.166	0.301	0.4975	0.4798	0.4693
PVX_124155	0.7921	0.5142	0.1989	-0.1893	-0.7341	-0.7201	-0.351	0.4446	0.3582
PVX_089970	-0.5414	0.1903	0.3707	0.5726	0.2186	-0.3104	-0.949	-0.9333	-0.96
PVX_119580	0.6617	0.7624	0.7839	0.8251	0.6521	-0.0251	-0.1483	-0.0274	-0.0375
PVX_098060	0.8658	0.2691	-0.1054	-0.2679	-0.182	-0.3022	0.2104	0.6471	0.9448
PVX_119300	0.2657	-0.5744	-0.7741	-0.3307	0.5071	0.9633	0.6335	0.2855	0.3746

P. knowlesi (PkHa)

geneid	TP01	TP02	TP03	TP04	TP05	TP06	TP07
PKH_061420	-0.9705	-1.0365	-0.5599	-0.6986	-0.378	-0.1706	-0.1326
PKH_123440	-0.218	-0.1141	-0.0091	0.14056	-0.0073	0.16027	-0.0595
PKH_144570	0.5422	0.55808	0.60537	0.44452	0.20975	0.09948	0.09104
PKH_142000	0.07047	0.0337	-0.0367	-0.0198	-0.0685	-0.0729	0.19622
PKH_140040	0.76449	0.46424	-0.1926	-0.8704	-0.7273	0.35082	1.14504
PKH_122070	-0.111	-0.4607	-0.4485	-0.4517	0.24497	-0.2573	-1.0051
PKH_011350	-0.3735	-0.1045	-0.1705	-0.2656	-0.1449	-0.2876	-0.4845
PKH_051260	1.17521	1.15253	1.37495	0.64572	1.10145	1.16745	1.11938
PKH_060470	0.19831	0.10755	0.13899	-0.0856	-0.1687	0.1448	-0.9066
PKH_060540	-0.0426	0.04507	-0.4052	-0.61	-0.1067	-0.5205	-1.0098
PKH_050170	0.36213	0.30493	0.26898	0.24451	0.21254	0.24301	0.10827
PKH_130810	0.0408	0.30063	0.27762	0.21194	0.06579	-0.2199	-0.3661
PKH_101240	-0.4999	-0.5028	-0.7428	-0.7701	-1.0934	-1.1296	-0.8214
PKH_126880	0.02478	0.20741	0.07033	0.08663	0.31658	0.16398	0.28851
PKH_114170	-0.2271	-0.1785	0.12587	0.26416	0.24885	0.37266	0.0731
PKH_081250	0.27516	0.2679	0.09793	0.122	0.09515	0.21938	0.48204
PKH_130720	0.80997	0.98724	0.90595	1.12345	0.67935	0.44202	0.01198
PKH_080760	0.14872	0.07177	-0.1959	0.09184	0.11519	0.18821	0.39655
PKH_110780	-0.5103	-0.3342	-0.2629	-0.317	-0.2837	-0.3317	-0.2535
PKH_131190	-0.1126	-0.1444	-0.5198	-0.2152	-0.1227	-0.5184	-1.9305
PKH_142030	-0.0212	0.17457	-0.1469	-0.05	-0.1033	-0.0674	0.13422
PKH_052300	-0.9399	-0.8041	-1.386	-1.3184	-1.5266	-1.2963	-1.2915
PKH_143950	-0.3379	-0.3162	-0.0196	0.29541	0.03726	0.25022	0.10758
PKH_145520	0.03257	-0.072	0.35336	0.3871	0.39493	0.30865	0.13206
PKH_101270	-0.4506	-0.634	-0.6179	-0.6954	-0.534	-0.2293	-0.1878
PKH_031400	-0.1352	0.1057	0.20701	-0.0059	-0.2447	0.02001	-0.062
PKH_143000	1.64052	1.3582	1.53903	0.64366	1.28978	1.04105	1.17728
PKH_083310	0.34945	0.51323	0.33835	0.21062	-0.0894	-0.1452	-0.1532
PKH_031050	-0.8879	-0.3859	-0.2662	-0.2212	-0.129	-0.4991	-1.5753
PKH_040380	0.31318	0.33578	0.16767	0.22145	0.17281	0.01635	-1.1626
PKH_126940	1.23886	0.96176	1.23975	0.97312	0.63826	0.83066	0.53415
PKH_113750	0.42013	0	0.16358	0.1378	0.1167	0.18735	0.32688
PKH_011770	0.0834	0.02745	0.11073	0.07919	-0.0286	0.10398	-1.0301
PKH_131660	-0.0442	0.03725	0.27131	0.23393	-0.0458	0.12624	0.15239
PKH_031630	-0.2152	-0.495	-0.71	-0.8371	-0.8478	-0.6497	-0.0788
PKH_144170	1.3009	1.42798	1.26132	0.51088	0.92398	1.02577	1.46399
PKH_020670	-1.4656	-1.3876	-1.3435	-1.1734	-1.1217	-1.2771	-2.0567
PKH_146890	-0.2606	-0.1405	-0.4428	0.06251	-0.3818	-0.2199	-1.0706
PKH_145970	0.18387	0.37218	0.14506	0.11722	0.36079	-0.1482	0.01888
PKH_092910	-0.3466	-0.2755	-0.2901	-0.3583	-0.3304	-0.368	-0.4352
PKH_040760	-0.3762	-0.3506	-0.2644	-0.3124	-0.3707	-0.0328	-0.0795
PKH_125470	-0.5191	-0.3007	-0.4404	-0.4179	-0.3381	-0.403	-0.5804
PKH_021090	-1.0302	-1.1321	-0.81	-0.8183	-0.6331	-0.486	-1.4008
PKH_020950	-0.1005	-0.0631	0.09338	0.21085	0.08224	0.07527	-0.6277
PKH_020940	-0.2773	-0.2341	-0.433	-0.3946	-0.7488	-0.8556	-1.0187
PKH_072230	0.67795	0.47328	0.25545	-0.1684	-0.1744	-0.2021	0.06384
PKH_040520	0.05193	-0.3287	-0.252	-0.0526	0.35904	0.60636	0.71351
PKH_081330	-0.5231	-0.8317	-0.7096	-0.3601	0.29005	0.6437	0.54086
PKH_122650	0.29184	0.37321	0.32647	0.15725	0.07251	0.05516	0.2048
PKH_102530	-0.1416	-0.1781	-0.1147	-0.0928	-0.2323	-0.2316	-0.4081
PKH_126610	0.37925	0.43892	0.25784	0.29103	0.12495	0.05585	-1.3085
PKH_123790	0.23088	0.44089	0.27722	0.13485	0.02456	-0.0655	0.0573
PKH_102300	-0.1668	-0.0288	0.17462	0.31698	0.22994	0.50506	0.105
PKH_072520	0.12727	0.06846	-0.045	-0.3712	-0.0047	-0.0815	0.09512
PKH_070400	0.08971	0.32557	0.1711	-0.3074	-0.2337	-0.3187	-0.2993
PKH_093840	0.7615	0.84436	0.66282	0.24617	0.71248	0.64448	1.81394
PKH_071170	-0.0309	0.02447	0.00369	0.02221	0.08956	0.09028	0.17389
PKH_041670	-1.139	-0.9579	-0.9932	-1.0182	-1.0059	-1.2193	-1.4428
PKH_082320	0.64494	0.28766	-0.0938	-0.3511	-0.4139	-0.4699	-0.1735
PKH_142050	-0.2235	-0.1348	0.16708	0.61692	0.82587	0.74948	0.89342
PKH_061180	0.14483	0.30206	0.22576	0.29419	-0.0731	-0.2456	-0.0926

PKH_070350	-0.6018	0.79328	0.8393	0.64929	0.43053	0.29033	0.14791
PKH_123410	0.23781	0.37779	0.60147	0.70453	0.51778	0.43415	0.66758
PKH_144800	-0.7714	-0.8806	-1.0362	-0.9284	-0.733	-0.5711	-0.2453
PKH_083080	0.20278	0.09177	-0.0245	0.02981	-0.048	-0.1535	-0.2502
PKH_080080	0.3293	0.34171	0.09081	-0.3912	-0.055	-0.1222	-0.1065
PKH_142190	0.83269	1.02029	1.06224	1.24983	0.99989	0.89651	1.03043
PKH_081450	-0.4448	-0.5433	-0.4839	-0.7213	-0.4777	-0.4958	-0.1508
PKH_144050	0.95931	1.26222	1.14686	1.15848	0.77222	0.47444	0.31624
PKH_130560	0.33147	0.25183	0.23065	0.20848	0.05266	0.12345	0.24592
PKH_102140	-0.5261	-0.9685	-0.6777	-0.1055	0.63229	0.8719	0.86559
PKH_091270	0.25461	0.70696	0.96194	0.832	0.53427	0.08248	-0.0914
PKH_125360	0.00084	0.02284	0.19507	0.33769	0.32658	0.4414	0.36442
PKH_040500	-1.0318	-1.7005	-1.6068	-0.5243	0.66583	1.07389	0.57315
PKH_145930	-1.4737	-0.3536	-0.307	-0.4073	-0.398	-0.4816	-1.1059
PKH_030740	0.3829	0.40076	0.13749	-0.1094	-0.4569	-0.1667	0.35431
PKH_050550	0.6605	0.70636	0.69074	0.43168	0.3378	0.49013	0.73538
PKH_080960	-0.6703	-0.4576	-0.5424	-0.5898	-0.4301	-0.2511	-0.5159
PKH_122920	0.17143	0.05166	0.02707	-0.0999	-0.2884	-0.4172	-0.0038
PKH_101640	-0.6918	-0.677	-0.8899	-0.7817	-0.5747	-0.552	-0.3552
PKH_130280	0.30098	0.55426	0.70881	1.00983	0.76387	0.65981	0.54194
PKH_122420	0.46195	0.38991	0.22767	0.02635	-0.0854	-0.1457	-0.1077
PKH_080280	-0.5717	-0.6281	-0.6067	-0.4663	-0.1505	-0.557	-1.5249
PKH_072030	-0.4801	-0.3077	-0.2794	-0.1035	0.10798	0.11655	-0.1314
PKH_091570	-0.343	-0.2387	-0.265	-0.1746	-0.3458	-0.4628	-0.5274
PKH_072060	0.52693	0.37601	0.2649	0.16988	0.1088	0.33644	0.74099
PKH_125730	-0.6582	-0.7593	-0.6268	-0.8974	-0.553	-0.4048	-0.0292
PKH_011050	-0.619	-1.0113	-1.2729	-0.4814	0.14487	0.49068	0.14773
PKH_124660	-0.1641	-0.0983	-0.2091	-0.0777	-0.1752	-0.0592	-1.4279
PKH_031800	0.61824	0.84802	0.77683	0.46477	0.23314	-0.107	-0.2148
PKH_140450	-0.646	-0.5969	-0.3775	-0.1186	0.08719	0.02139	0.04585
PKH_040950	0.03192	-0.3338	-0.2508	-0.027	0.81241	1.43907	1.61982
PKH_143410	1.15588	1.46489	1.55956	1.94766	1.14121	0.70285	0.67533
PKH_143770	0.10882	0.19785	0.33378	0.49389	0.43234	0.19283	-1.0398
PKH_141750	-0.2102	-0.0452	0.19292	0.32662	0.35438	0.23049	0.00185
PKH_143180	0.16795	0.47498	0.46112	0.52424	-0.0362	-0.1472	0.06537
PKH_092240	0.11199	0.12438	0.44579	0.5053	0.7724	0.70027	0.24188
PKH_111580	0.28989	0.14517	0.25912	0.14636	0.15479	0.19062	0.17474
PKH_112840	0.67984	0.68608	0.68035	0.71153	0.4788	0.29417	0.25922
PKH_120880	-0.8495	-0.7221	-0.8426	-0.9705	-0.5333	-0.2163	-0.1378
PKH_020210	-0.4461	-0.4334	-0.2793	-0.1424	-0.0564	-0.2043	0.03924
PKH_080370	1.02312	0.66615	0.39114	0.18128	0.09861	0.19946	0.71553
PKH_111800	0.14529	0.10315	-0.1019	-0.0681	0.16318	0.01775	0.41997
PKH_123010	0.55296	0.36134	0.2599	0.32075	0.41738	0.24854	0.76164
PKH_080290	-1.0033	-1.1962	-1.4651	-1.3854	-0.8376	-0.4302	-0.6895
PKH_110550	0.61077	0.56091	0.45868	0.15813	0.00956	-0.1745	0.31085
PKH_102470	0.25886	0.37911	0.4792	0.40822	0.94771	0.82704	1.08532
PKH_062090	0.34506	0.38172	0.27519	0.29401	0.0651	-0.102	-0.1851
PKH_051700	-0.6878	-0.1659	0.58315	1.16302	1.0259	0.68296	0.19449
PKH_031860	-0.1574	-0.0508	-0.0931	-0.1732	-0.1402	-0.2595	-0.2638
PKH_090110	0.68676	0.90695	0.64993	0.57127	0.46747	0.1641	-0.0071
PKH_090720	0.11506	-0.1484	-0.3708	-0.5135	-0.5604	-0.5622	-0.1607
PKH_083610	-0.5691	-0.764	-0.9439	-0.5261	0.10187	0.3635	0.25216
PKH_070790	0.22057	0.11434	0.20812	0.73621	0.68021	0.97979	0.93959
PKH_010730	-0.8119	-0.8064	-0.7671	-1.1319	-1.0623	-1.3764	-1.938
PKH_132100	0.03442	0.09529	0.26265	0.32983	0.2179	0.33073	-0.7007
PKH_123500	0.68445	0.62626	0.80216	0.78157	0.40391	0.58215	0.62835
PKH_123920	0.62986	0.24377	0.24937	0.10338	0.15589	0.20398	0.39537
PKH_112180	0.86028	1.0378	0.90271	0.75473	0.66533	0.5059	0.73971
PKH_141480	0.77132	0.68664	0.67223	0.83914	0.81825	0.69469	0.85427
PKH_122210	0.83154	1.03414	0.98265	0.8345	0.32702	0.09651	-0.0297
PKH_112520	-0.3453	0.10451	0.02493	0.1389	-0.0143	-0.0598	-1.1735
PKH_111710	0.33269	0.40543	0.33552	0.38076	0.20284	0.20879	-0.1333
PKH_126470	-1.0839	-1.2693	-1.4755	-1.3813	-0.8649	-0.479	-0.4491

PKH_113260	-0.1727	-0.1506	-0.0422	-0.1619	-0.2147	-0.201	-1.5471
PKH_100300	0.22229	0.34678	0.27657	0.07511	0.2223	0.12471	0.08291
PKH_031290	-0.2872	-0.0731	-0.2183	-0.2725	-0.5384	-0.7188	-1.3758
PKH_123550	0.08351	0.19106	0.37215	0.48594	0.50557	0.01191	-0.1969
PKH_125330	0.23043	0.23315	0.30394	0.44781	0.58558	0.56364	0.72279
PKH_072080	-0.0262	0.3148	-0.057	0.15978	-0.3062	-0.3326	-1.0688
PKH_146700	-0.0379	-0.1559	-0.1272	-0.0617	0.13702	0.1171	0.1053
PKH_030830	0.16916	0.16897	0.24481	0.13847	-0.0772	-0.2022	-0.2224
PKH_144990	0.6199	0.8732	0.86813	0.63513	0.79692	0.98917	1.14933
PKH_082820	0.46233	0.33916	0.33501	0.18028	0.24437	-0.0123	-0.3577
PKH_140940	-0.2742	-0.1163	-0.1199	0.12719	-0.2174	-0.227	-0.0485
PKH_102840	-1.5614	-1.4779	-1.4184	-1.382	-1.5811	-1.5204	-1.5149
PKH_140520	0.07502	-0.2041	-0.3206	-0.8566	-0.6709	-0.4194	-0.0108
PKH_133720	0.17071	0.3214	0.49694	0.349	0.15942	0.19823	-0.942
PKH_100900	0.29057	0.15186	0.12403	0.1821	0.15871	0.135	-1.0736
PKH_030200	0.19472	0.35727	0.26316	0.03556	-0.1862	-0.5953	-1.0092
PKH_051480	-0.4291	-0.3898	-0.3855	-0.3189	-0.0813	0.01515	-0.0709
PKH_144790	-0.2529	-0.4273	-0.3966	-0.3832	-0.2169	-0.2019	-0.1168
PKH_101730	-0.772	-0.6296	-0.6769	-0.5812	-0.5663	-0.6543	-1.8377
PKH_072930	-0.062	0.11108	-0.0146	0.12741	0.04875	-0.1093	-0.1356
PKH_120900	-0.1697	0.25309	0.70224	0.63112	0.93459	0.76067	-0.0136
PKH_051180	-0.3018	-0.4055	-0.4273	-0.3483	-0.2295	-0.3413	-0.53
PKH_110430	0.3915	0.24634	0.14727	0.05297	-0.0099	-0.0916	-0.0473
PKH_040270	-0.6034	-0.5588	-0.6353	-0.4167	-0.7629	-0.7966	-1.2088
PKH_133730	-0.5136	-0.899	-1.1088	-0.2365	0.58467	1.34309	1.18173
PKH_133370	0.17218	0.44601	0.43946	0.66009	0.46976	0.53283	0.43599
PKH_110680	0.2743	0.50423	0.51278	0.52454	0.43031	0.10813	0.35846
PKH_123650	0.36719	0.28748	0.21931	0.07233	-0.2084	-0.2367	-0.2839
PKH_052280	-0.205	-0.3397	-0.4379	-0.2866	-0.4048	-0.5133	-1.6125
PKH_052770	0.899	0.39816	-0.0687	-0.6414	-0.2734	0.86688	1.46521
PKH_061740	0.13559	-0.0366	0.01321	-0.0965	-0.0503	0.07966	0.46741
PKH_133780	-0.2866	-0.4255	-0.3451	-0.3769	-0.483	-0.4134	-0.2899
PKH_094120	0.17004	0.40077	0.58935	0.62742	0.18683	0.11204	-0.043
PKH_126960	-0.2355	-0.224	-0.514	-0.4396	-0.436	-0.4081	-0.0894
PKH_000770	-0.2074	-0.3435	-0.3482	-0.2304	-0.3705	0.07578	-1.3597
PKH_140210	0.59319	0.66749	0.74993	0.82047	0.38093	0.37052	0.38578
PKH_120270	0.04762	0.02197	0.15509	0.05235	0.08723	0.0773	-0.0303
PKH_052160	0.15465	0.35445	0.30067	0.23708	0.18223	0.1955	0.30772
PKH_050330	0.40256	0.30793	0.31833	0.48342	0.59214	0.5306	0.09979
PKH_132850	0.38877	0.2876	0.26518	0.27004	0.2916	0.2083	0.50711
PKH_091640	-0.1179	-0.0365	-0.1852	-0.3991	-0.3636	-0.5978	-2.3484
PKH_125060	-0.1623	0.02176	-0.021	-0.0888	0.07315	0.07768	-0.1971
PKH_125720	-1.024	-0.8983	-0.4771	0.10191	0.74709	0.75258	0.63212
PKH_131080	-0.2462	-0.5038	-0.8497	-0.8861	-0.7224	-0.8548	-0.5482
PKH_041050	0.41755	0.30621	0.25867	0.39796	0.66234	0.6813	0.79246
PKH_091770	0.80202	0.51439	0.48094	0.38209	0.44485	0.39816	0.48497
PKH_061000	0.61024	0.7615	1.42525	0.92066	0.99075	0.62263	0.23432
PKH_073360	0.49338	-0.0365	-0.3572	-0.3057	0.08208	0.78419	0.99831
PKH_131715	0.32779	-0.0143	0.11804	0.24852	0.31578	0.66606	0.81063
PKH_123150	0.25394	0.15082	0.122	-0.0032	0.08446	0.2763	0.84866
PKH_145500	0.04476	-0.0148	-0.0244	-0.1262	-0.0215	0.06034	0.33452
PKH_070030	0.236	0.13365	0.14323	0.36153	0.04267	-0.2149	0.11567
PKH_130860	-0.6444	-0.3202	0.09737	0.13716	0.23766	0.02075	-0.966
PKH_101330	0.37243	0.54939	0.33353	0.37924	0.42607	0.4839	0.66706
PKH_090340	-0.3438	-0.2149	-0.1641	-0.4304	-0.3014	-0.3506	-0.5661
PKH_080400	0.01673	0.09129	-0.1378	0.04001	-0.0623	0.01283	-0.9035
PKH_122700	-0.2102	-0.1019	0.11125	0.30729	0.19542	0.18052	0.43039
PKH_143850	0.20812	-0.2085	-0.6416	-0.9969	-0.691	0.3816	0.80056
PKH_112810	0.23864	0.02387	0.00264	-0.2362	-0.0456	0.01226	0.48257
PKH_140380	0.90469	0.72048	0.74878	0.76829	0.42444	0.28167	-0.4287
PKH_113850	0.66957	0.68752	0.7076	0.53043	0.4861	-0.0281	0.25677
PKH_140710	0.25961	0.1388	0.06107	-0.2531	-0.2429	-0.2799	0.23823
PKH_070250	-0.6628	-0.8132	-0.6885	-0.6643	-0.6692	-0.7858	-2.2756

PKH_072700	-1.7625	-1.6244	-1.6528	-1.9281	-1.612	-1.5882	-1.2119
PKH_031010	-0.4534	-0.4174	-0.5133	-0.4153	-0.4808	-0.372	-0.6339
PKH_091810	-0.419	-0.4188	-0.5289	-0.5992	-0.6548	-0.5822	-0.3395
PKH_071310	-0.1628	-0.0524	-0.0816	-0.0161	-0.1868	-0.0594	-1.479
PKH_081950	-0.371	-0.4695	-0.2417	-0.0052	0.07768	0.36993	0.58121
PKH_112050	-0.4784	-0.3124	-0.1371	-0.1283	-0.4584	-0.5539	-2.4427
PKH_080970	0.56729	0.48854	0.26565	0.23266	0.09783	-0.3478	-0.2746
PKH_144520	0.06194	0.17471	-0.0184	-0.2379	-0.914	-1.0134	-0.9841
PKH_120820	0.42236	0.98913	0.80617	0.76139	0.57918	0.23088	0.00844
PKH_021290	-1.1577	-0.6085	-0.3607	-0.1989	-0.2595	-0.301	-1.7288
PKH_040940	0.56979	0.51992	0.5194	0.36247	0.39031	0.9478	1.00379
PKH_111990	0.30874	0.41101	0.12272	0.21419	0.64169	0.45805	0.58689
PKH_090680	-1.1271	-1.1885	-0.7851	-1.1598	-0.5949	-0.3841	-0.068
PKH_143540	-0.156	-0.1909	-0.1433	-0.1228	-0.1568	-0.0522	0.17575
PKH_050280	0.29218	0.17504	0.44614	0.19925	0.26069	0.26701	0.64773
PKH_011440	-0.7362	-1.0557	-1.0802	-1.2124	-1.1347	-0.8072	-0.621
PKH_041210	-1.9393	-1.6308	-0.6997	-0.1345	0.15022	0.21908	-0.3885
PKH_040180	-1.2909	-0.7992	-0.718	-0.8329	-0.6019	-0.9822	-1.6258
PKH_126230	0.32483	0.20313	0.20269	0.50927	0.81443	0.61309	0.53954
PKH_132430	0.38315	0.30773	0.14432	0.04716	-0.4038	-0.3101	-0.0159
PKH_146080	-0.1252	-0.2569	-0.1385	0.14803	0.15774	0.27104	0.33788
PKH_132730	-0.2729	-0.2705	-0.1488	-0.0039	-0.2006	-0.0815	-0.1785
PKH_102610	0.52788	0.34935	0.20223	0.03789	-0.0064	0.16126	0.10868
PKH_040700	-0.3505	-0.1172	-0.1356	-0.0121	-0.7806	-0.8917	-0.9074
PKH_050750	-0.2814	-0.2297	-0.3466	-0.2107	-0.119	-0.3118	-1.0403
PKH_091560	0.29617	-0.0116	-0.1114	-0.0227	-0.2017	-0.3152	-0.481
PKH_090260	-0.1736	-0.308	-0.5256	-0.84	-0.9584	-0.9658	-0.8694
PKH_050610	0.22205	0.06152	0.11743	-0.151	0.03458	-0.1334	-0.2518
PKH_125160	0.11989	0.13513	0.05318	0.30383	0.18399	0.21584	0.41221
PKH_111140	0.72261	0.56081	0.72524	0.5659	0.35145	0.0402	-0.2219
PKH_120730	-0.4535	-0.4902	-0.8505	-0.453	-0.2861	-0.4688	-1.6948
PKH_090830	0.54875	0.54781	0.63196	0.56905	0.27397	0.52913	0.31591
PKH_111240	-0.3666	-0.2433	0.31205	0.76721	0.76118	0.71312	0.42966
PKH_020770	0.15514	0.00587	-0.1578	-0.3198	0.15691	0.02545	0.04977
PKH_111120	0.53708	0.09668	-0.1577	-0.279	-0.5104	-0.3429	-0.74
PKH_110120	-0.0459	0.14181	0.23111	0.24458	0.34273	0.18885	-1.2592
PKH_131540	-0.247	0.12019	0.31075	0.1209	-0.0194	0.16707	0.5243
PKH_091860	0.70599	0.7343	0.72816	0.56512	0.47304	0.1545	0.17386
PKH_081280	0.95229	1.01415	0.94504	0.95482	0.90704	0.79268	0.75736
PKH_100760	-0.122	0.01082	0.15459	0.25638	0.07319	0.18896	-1.4079
PKH_090180	-0.3712	-0.1684	-0.4625	-0.2159	-0.1055	-0.4215	-0.9554
PKH_011070	-0.1888	-0.2773	-0.3888	-0.4405	-0.2669	-0.1673	-0.1879
PKH_111080	-0.2791	0.04727	0.0992	0.30947	-0.2552	-0.2702	-0.6078
PKH_010830	0.14658	0.31376	0.33996	0.46767	0.40856	0.26848	0.11923
PKH_080570	0.77114	0.81664	0.90672	0.99499	0.60811	0.27539	0.58906
PKH_011780	0.51095	0.39867	0.57589	0.08794	0.20798	0.28739	0.31909
PKH_111350	-0.2255	0.03848	-0.2205	-0.234	-0.0269	-0.1483	0.14552
PKH_030100	-0.7833	-0.9134	-1.1394	-1.1609	-1.1919	-1.0068	-0.9116
PKH_141540	-1.0648	-1.0004	-0.6339	-0.1197	0.0032	0.09376	-0.0727
PKH_121590	-0.0304	0.06617	0.12218	0.16613	-0.1143	-0.2474	-0.1337
PKH_031070	-0.6629	-0.5028	-0.55	-0.1251	-0.1918	-0.0526	-0.4728
PKH_120070	0.71334	0.33737	0.02392	0.00288	0.00059	0.55404	1.29656
PKH_142320	0.16232	0.11704	0.15712	0.42683	-0.0947	-0.1876	-0.1806
PKH_093780	-0.1841	-0.4892	-0.6246	-0.2114	0.89874	1.34364	0.7762
PKH_041740	0.74785	0.30195	-0.0018	0.00684	-0.0858	0.64235	1.29013
PKH_126950	-0.1701	-0.0592	0.02806	0.07919	-0.0235	-0.2167	-0.4267
PKH_081460	0.46615	0.34334	0.44754	0.37088	0.69729	0.59904	0.49519
PKH_121190	-0.0238	-0.4838	-0.8833	-0.8305	-0.3072	0.71535	0.74745
PKH_073130	0.71866	0.39254	0.22195	0.14352	0.34619	0.71409	1.08279
PKH_112890	0.06092	-0.0335	-0.1571	-0.3185	-0.2227	-0.2151	-0.2123
PKH_081660	-0.1995	-0.3882	-0.2813	-0.4489	-0.2046	-0.2537	-0.7462
PKH_091060	-0.3026	-0.2023	-0.3859	-0.1951	-0.3437	-0.3281	-0.5559
PKH_070480	0.83293	0.84514	0.85045	0.63342	0.5024	0.5032	0.45636

PKH_146630	0.55145	0.61875	0.51625	0.22296	0.32578	0.37029	0.52048
PKH_142930	0.06627	0.21171	0.35546	0.62849	0.51219	0.53196	0.4492
PKH_121980	0.76645	0.97337	1.13324	1.3204	0.96212	0.86516	0.83907
PKH_132350	-0.6173	-0.6278	-0.5484	-0.4905	-0.4653	-0.1402	0.03729
PKH_081880	-0.7695	-0.9882	-0.8908	-0.954	-0.5418	-0.194	-0.4863
PKH_142440	0.58377	0.4422	0.3509	0.25973	0.59258	0.4691	0.9328
PKH_133380	0.71219	0.56374	0.41147	0.37061	0.3592	0.50255	0.87871
PKH_140330	0.05873	-0.0172	0.08724	-0.1271	-0.0963	-0.0517	0.11754
PKH_090290	-0.2735	-0.0241	-0.1472	-0.1746	-0.5485	-0.6269	-0.7928
PKH_146570	-0.3942	-0.2344	-0.3763	-0.3771	-0.3591	-0.8291	-0.3432
PKH_010550	0.01838	-0.4586	-0.3577	-0.9774	-0.6492	-0.9872	-1.2342
PKH_020130	0.42187	0.58496	0.65041	0.60288	0.16892	-0.1831	-0.7009
PKH_122820	0.06312	0.05007	-0.2581	-0.961	-1.0725	-1.4067	-1.1321
PKH_132720	0.7151	0.65528	0.59167	0.79979	0.81704	0.38576	0.71605
PKH_030460	-0.0655	-0.4457	-0.7334	-0.8543	-0.7028	-0.7729	-0.3813
PKH_083230	-0.7491	-0.5341	-0.2588	-0.1361	0.01427	0.10543	-0.392
PKH_124440	0.00871	0.36952	0.3632	0.46302	0.05929	-0.0787	0.18645
PKH_092800	-0.4792	-0.5387	-0.2768	-0.1641	-0.1822	-0.2624	-0.7211
PKH_130630	-0.208	-0.2766	-0.2362	0.08059	0.16068	0.27822	-0.0441
PKH_031730	-0.7626	-0.5128	-0.843	-0.9213	-1.4345	-1.2957	-1.5514
PKH_071460	-0.5273	-0.588	-0.7382	-0.0954	0.01889	-0.1779	-0.6315
PKH_113530	-0.3143	-0.3644	-0.3817	-0.1447	-0.5438	-0.6315	-0.5587
PKH_110620	0.26917	0.5728	0.27212	0.31887	0.23871	0.10609	0.01993
PKH_082200	-0.1816	-0.5754	-0.3057	-0.207	0.08346	0.2947	0.47263
PKH_091100	0.28791	0.5831	1.0537	1.06087	0.95567	0.87633	0.88985
PKH_133440	0.76488	0.66258	0.96913	0.47	0.76713	0.49606	0.95599
PKH_132790	0.15107	0.18828	-0.0975	-0.111	-0.373	-0.2417	0.15233
PKH_083750	0.25811	0.26818	0.34727	0.38247	0.14158	0.0658	-0.2239
PKH_071650	-0.412	-0.4384	-0.2628	-0.3563	-0.3182	-0.4566	-0.6345
PKH_132660	-0.5888	-0.4589	-0.3563	-0.2021	-0.058	0.08744	0.02653
PKH_125970	-0.1914	-0.1217	0.03852	0.42488	0.46787	0.69433	0.59533
PKH_060930	0.54019	0.6118	0.83341	0.64935	0.43229	0.30778	0.38197
PKH_126100	0.02831	0.23478	0.51023	0.67618	0.24915	0.16406	0.21937
PKH_030610	-0.5311	-0.5226	-0.71	-0.5211	-0.5922	-0.6192	-2.0548
PKH_102450	0.03557	-0.1166	-0.0544	0.48691	0.52075	0.34015	0.39876
PKH_114800	-1.1538	-1.2186	-1.1064	-0.9259	-0.5255	0.02855	0.17671
PKH_072340	-0.245	-0.3987	-0.2763	-0.2797	-0.4228	-0.2739	-0.2116
PKH_050410	0.298	0.47626	0.37608	0.07131	-0.0976	-0.3095	-0.1428
PKH_134500	1.40839	1.56878	1.42695	1.52173	0.98241	0.82028	0.6956
PKH_051210	0.73829	0.6766	0.43206	0.04102	-0.2956	0.01105	0.68843
PKH_081380	-1.0563	-0.9858	-0.3748	-0.1873	0.21998	0.11904	-0.3445
PKH_145420	-0.4024	-0.1367	0.35252	0.43161	0.19004	0.11074	0.02765
PKH_112470	-0.5068	-0.4875	-0.2784	-0.3539	-0.3946	-0.4824	-1.939
PKH_140050	0.39886	-0.2508	-0.5977	-0.8982	-0.6022	0.46045	1.34075
PKH_010870	0.40973	0.62503	0.65644	0.65252	0.39999	0.26259	-0.0294
PKH_011640	-0.6809	-1.0111	-1.1995	-1.7969	-1.7835	-1.4744	-1.3844
PKH_030220	-0.3198	-0.1749	0.77972	0.86998	0.37784	-0.0947	-0.4239
PKH_091400	-0.04	-0.016	0.13064	0.1988	0.10512	0.18924	-0.1313
PKH_020990	-0.4779	-0.8141	-0.5783	-0.728	-0.7712	-0.4483	-0.567
PKH_143200	-0.2905	-0.3441	-0.4071	-0.0837	-0.1648	-0.2592	0.07252
PKH_100890	-0.7583	-0.4355	-0.0856	-0.1051	-0.2185	-0.3043	-0.5874
PKH_111670	0.25377	0.21995	0.21772	-0.0392	-0.3324	-0.3755	-0.4666
PKH_125350	-0.1995	-0.2309	-0.218	-0.3732	-0.3551	-0.3778	-0.3045
PKH_133940	0.41072	0.62884	0.87084	0.7402	0.94205	0.42054	-0.9889
PKH_141720	-0.1902	-0.5245	-0.0687	-0.0731	0.13774	0.4127	0.82655
PKH_141290	-0.4332	-0.4938	-0.516	-0.2987	-0.4702	-0.4379	-0.4633
PKH_091620	0.21864	0.12277	0.07992	-0.0574	0.19564	0.29687	0.45035
PKH_142650	0.28622	0.19758	0.22341	0.32549	0.35294	0.33561	0.17121
PKH_125750	0.26419	0.55032	0.59266	0.60765	0.1642	0.04667	0.04976
PKH_094160	0.29903	0.3923	0.23464	0.20754	0.04307	-0.1911	-0.3416
PKH_093290	-0.5963	-0.7841	-1.0053	-0.914	-0.8293	-0.6048	-0.4493
PKH_113130	-0.0011	-0.1597	-0.1936	-0.2123	-0.108	-0.2196	-0.2222
PKH_103000	1.0514	1.1573	0.6935	0.19292	0.18502	0.09108	0.50468

PKH_060590	-0.5652	-0.4851	0.15923	0.36309	0.67176	0.67894	-0.0315
PKH_131760	0.05574	-0.1583	-0.6513	-0.9307	-0.5911	0.34062	0.83334
PKH_031670	-0.4446	-0.7903	-0.9749	-0.782	-0.8553	-0.9235	-1.3916
PKH_071430	-0.3259	-0.018	0.35736	0.50219	0.61063	0.48086	0.11911
PKH_080160	0.95754	1.04349	1.45859	1.55635	1.39963	0.98824	1.1029
PKH_071120	1.46511	1.31268	1.24423	0.95448	1.16801	0.97323	0.85474
PKH_111530	0.26169	0.14169	-0.026	-0.1083	-0.0313	0.00514	0.1297
PKH_010220	-1.3713	-1.5792	-1.6986	-1.7688	-1.7252	-1.6231	-3.7481
PKH_090530	0.49611	0.45595	0.46526	0.33782	0.44511	0.42628	0.62058
PKH_093880	-0.6554	-0.1774	-0.1585	-0.0699	-0.3347	-0.3552	-0.4236
PKH_072500	-0.2055	-0.3003	-0.1412	-0.1262	-0.1141	-0.0444	-1.2795
PKH_113240	-0.2128	-0.1315	-0.1029	-0.0445	-0.126	-0.0033	-0.5814
PKH_011140	-0.5076	-0.5286	-0.7453	-0.5551	-0.4572	-0.5434	-0.8225
PKH_071190	-0.1478	-0.2859	-0.4086	-0.2627	-0.786	-0.7922	-0.2518
PKH_021080	-0.2641	-0.2974	-0.3088	-0.1668	0.16625	-0.2843	-0.8399
PKH_102630	0.20354	0.18556	0.20708	0.5035	0.28884	0.09631	0.01455
PKH_062270	0.22183	0.17442	0.24044	0.05246	0.12217	-0.1215	-0.2624
PKH_020970	0.10165	0.29922	0.06261	-0.073	-0.4343	-0.6476	-0.7273
PKH_080060	-0.2354	-0.489	-0.3227	-0.4081	-0.6016	-0.6187	-0.1945
PKH_134370	-0.1407	-0.1872	-0.3601	-0.1691	-0.1172	-0.153	-0.2297
PKH_091720	0.28444	0.11236	-0.0494	0.16146	0.28675	0.71114	1.0029
PKH_060490	0.10407	-0.356	-0.6378	-0.572	-0.8077	-0.6413	-0.2614
PKH_123800	0.87325	1.11033	1.23439	1.21279	0.88695	0.80192	0.77808
PKH_081850	-0.1202	0.01099	-0.1117	-0.0935	-0.3709	-0.4998	-0.7949
PKH_072260	0.41877	0.73355	0.23717	0.0973	-0.3773	-0.5011	-0.5254
PKH_092340	-0.5116	-0.7616	-0.8725	-0.7678	-0.6219	-0.166	-0.1066
PKH_010640	-0.8411	-0.3005	-0.5404	-0.2679	-0.5022	-0.4142	-1.4415
PKH_132930	0.60248	0.69352	0.83961	0.15387	0.31957	0.08464	-0.1423
PKH_132250	0.64194	0.62872	0.7734	0.74309	0.64982	0.5207	0.92588
PKH_111730	-0.7922	-0.8876	-0.8185	-0.771	-0.83	-0.799	-0.8836
PKH_020050	0.89087	0.75099	0.51528	0.2908	0.07409	0.11553	0.75391
PKH_061130	-0.0818	0.10667	-0.0671	0.01411	0.02742	-0.0166	-1.4479
PKH_061410	-0.1461	-0.0384	-0.2479	-0.0274	-0.2025	-0.0679	-0.5268
PKH_145870	0.09948	-0.0493	-0.1241	-0.2731	-0.0632	-0.0674	0.03046
PKH_146120	0.13503	0.11815	0.05623	-0.0549	-0.2773	-0.2627	-0.414
PKH_052450	-0.5018	-0.5449	-0.6569	-0.7421	-0.6206	-0.5419	-0.8967
PKH_030630	-0.4489	-0.3826	-0.462	-0.6264	-0.4227	-0.8286	-0.954
PKH_131900	0.69385	0.81414	0.70375	0.58636	0.39853	0.38174	0.81971
PKH_122620	-0.3344	-0.2321	-0.353	-0.3649	-0.4094	-0.2324	-0.2871
PKH_041360	-0.4443	-0.2524	-0.7755	-0.2256	-0.3043	-0.1523	-0.0888
PKH_020190	-0.8093	-0.7343	-0.708	-0.6169	-0.6217	-0.7305	-1.0284
PKH_120030	1.22678	1.07183	0.73503	0.21037	-0.4199	-0.1882	0.89463
PKH_061030	-1.099	-0.5096	-1.2289	0.00911	0	-0.113	-1.5461
PKH_061560	-1.02	-0.6587	-0.6202	-0.2113	-0.2778	-0.0925	-0.283
PKH_021070	-0.7278	-0.8739	-0.483	-0.2604	-0.3	-0.2235	-0.4548
PKH_010560	-1.2049	-1.286	-1.479	-1.686	-1.1476	-0.2826	-0.1146
PKH_144110	-0.1561	-0.2385	-0.7207	-1.2015	-0.737	-0.662	-0.1924
PKH_133200	0.62262	0.6199	0.56604	0.22205	-0.0385	0.04145	0.59272
PKH_031570	-0.2195	0.20849	0.08784	0.29031	0.15629	0.1089	-0.0669
PKH_140930	0.23889	-0.0509	0.14235	-0.1212	0	0.02601	-0.1109
PKH_132960	-0.1408	-0.4237	-0.748	-0.9672	-0.978	-0.9311	-0.7396
PKH_103090	0.30089	0.04923	0.03836	0.34393	0.11148	0.11282	0.02319
PKH_131020	0.51238	0.51481	0.61425	0.43151	0.45429	0.29765	0.42363
PKH_020010	-0.6088	-1.1626	-0.6777	-0.9152	-1.1079	-0.6006	-0.0009
PKH_010710	-0.6843	-1.0365	-1.1864	-1.5845	-1.5612	-1.3391	-0.9256
PKH_110440	0.04415	-0.2295	-0.3288	-0.4661	-0.7949	-0.7543	-0.6428
PKH_122060	0.39683	0.45904	0.51189	0.37592	0.34457	0.66583	0.58465
PKH_110020	0.56881	0.6958	0.4336	0.3151	0.00169	0.17599	-1.0796
PKH_052290	-0.2802	-0.302	-0.3422	0.14915	0.32172	0.51144	0.52624
PKH_072900	-0.1959	0.13723	-0.0809	-0.1817	-0.1935	-0.26	-0.5601
PKH_092500	0.08805	0.44015	-0.1012	0.02488	-0.1909	-0.3169	-0.1787
PKH_125340	0.17921	0.21766	0.27964	0.3099	0.07219	0.15305	0.54114
PKH_052410	0.08445	-0.0299	0.06174	-0.1305	-0.0915	-0.0118	0.11874

PKH_144090	0.62152	0.31025	-0.1223	-0.3409	-0.3722	0.12342	0.63278
PKH_050820	-0.4571	-0.6325	-0.6997	-0.5703	-0.7197	-0.5908	-1.9715
PKH_144810	0.22664	-0.0749	-0.1271	-0.3113	0.51954	1.02332	1.27358
PKH_091790	-0.858	-0.8838	-0.8117	-1.0125	-1.197	-0.9391	-0.5333
PKH_124780	-0.0159	-0.0848	-0.0654	-0.0058	-0.0408	-0.0364	-0.0694
PKH_112570	0.5574	0.31455	0.3459	0.00849	0.13463	0.36484	0.82375
PKH_110700	0.24174	0.34977	0.31909	0.55991	0.21706	0.02884	-0.1049
PKH_082670	-0.41	-0.3861	-0.676	-0.6063	-0.581	-0.6632	-0.7304
PKH_131260	0.2107	0.29495	0.21101	0.20762	0.06917	-0.1616	-0.4647
PKH_110840	0.46245	0.50865	0.4679	0.5354	0.19974	0.08732	0.19362
PKH_083020	0.0294	0.11836	0.19182	0.07319	-0.1177	-0.1352	-0.2949
PKH_124580	0.38257	0.51323	0.33847	0.18984	0.33461	0.2216	0.1773
PKH_121760	0.06398	0.14925	0.04802	0.28222	0.07007	0.05163	0.23809
PKH_050780	-0.2553	-0.4869	-0.5335	-0.8046	-0.7664	-0.4242	0.11831
PKH_131740	0.69159	0.76248	0.48052	0.59242	0.50718	0.62756	0.62661
PKH_071390	0.20425	0.54562	0.58881	0.66665	0.30269	-0.1551	-0.0417
PKH_145440	0.17261	0.01317	0.10949	-0.0243	0.11509	0.13638	-0.02
PKH_110060	0.93707	0.60341	0.17445	-0.0982	-0.03	0.04023	0.27865
PKH_123460	0.78751	0.62368	0.48708	0.37411	0.32692	0.18383	0.28972
PKH_141630	-0.4285	-0.4615	-0.2758	-0.0178	0.00494	-0.0193	-0.1002
PKH_040410	0.24275	0.46014	0.46742	0.59678	0.86404	0.606	0.35606
PKH_102170	0.01304	0.18638	0.19394	0.15115	0.40103	0.28405	0.25416
PKH_091970	0.31312	0.29236	0.35138	0.61088	0.63316	0.6107	0.67709
PKH_061750	0.4571	0.13296	0.05137	-0.1722	-0.2554	-0.1155	0.11138
PKH_126050	0.42859	0.28154	0.32582	0.21589	0.52509	0.38592	0.08182
PKH_080720	0.12018	0.25718	0.27707	0.49536	-0.8977	0.46446	0.46239
PKH_020090	2.27423	1.88625	1.21484	0.75451	0.64757	1.66279	2.87503
PKH_140470	0.21489	0.54035	1.18098	1.52557	0.79583	0.44304	0.7209
PKH_113880	0.2847	0.46337	0.25041	0.07783	-0.1297	-0.396	-0.3318
PKH_123190	-1.3844	-1.9356	-2.2693	-2.3123	-1.0178	0.0995	0.21465
PKH_011310	-0.5279	-0.5144	-0.5083	-0.4092	-0.1851	-0.2452	-0.5377
PKH_143530	0.88987	0.82912	0.77922	0.63578	0.47144	0.34365	0.10319
PKH_050450	-0.5784	-0.1863	-0.0843	-0.3113	0.23079	-0.0021	-0.9308
PKH_072710	-0.9059	-1.0354	-0.991	-0.8801	-0.7448	-0.8111	-0.4643
PKH_125760	0.435	0.61721	0.62627	0.63376	0.38337	0.26352	0.41143
PKH_081930	-0.6622	-0.4538	-0.4633	-0.456	-0.604	-0.444	-0.8621
PKH_141570	1.01863	0.93856	0.88653	1.08628	0.94029	0.62429	0.80841
PKH_090480	0.15204	0.37913	0.42794	0.47889	0.29915	0.14582	-1.2407
PKH_100650	-0.4353	-0.4113	-0.1719	-0.5073	-0.3176	-0.6992	-2.4759
PKH_050350	-0.2619	-0.2664	-0.3231	-0.2108	-0.286	-0.3086	-1.5318
PKH_111520	-0.3714	-0.3253	-0.4521	-0.2431	-0.3842	-0.4947	-0.5082
PKH_060200	0.30389	0.47744	0.47291	0.64445	0.37292	0.30178	0.3551
PKH_111860	0.19506	0.31452	0.34738	0.60045	0.54681	0.3407	0.24626
PKH_041440	0.63247	0.60357	0.74282	0.77987	0.34595	0.0739	0.33086
PKH_102330	-0.3206	-0.2661	-0.4932	-0.4049	-0.5552	-0.3825	-1.7082
PKH_121150	0.54426	0.78826	1.01927	0.90428	1.09896	0.9459	0.83404
PKH_133830	0.76088	0.65467	0.58767	0.37943	0.68402	0.59743	0.76681
PKH_100560	1.02675	0.91516	1.1396	0.99562	0.93418	0.74922	0.65779
PKH_126660	0.42633	0.81913	0.78085	1.1068	0.86846	0.60823	0.51562
PKH_071610	-0.1843	-0.3103	-0.2267	-0.3686	-0.515	-0.3668	0.09817
PKH_146930	0.8935	0.7367	0.74364	1.11799	0.30448	0.274	0.43736
PKH_061880	-0.6225	-0.3388	-0.1199	0.38332	0.47551	0.5622	0.51435
PKH_113380	-0.3527	-0.2859	0.20634	0.37901	0.64057	0.44927	0.36621
PKH_073330	0.24882	0.657	0.71203	0.89282	0.66313	0.56252	0.31494
PKH_145090	-0.227	-0.1798	-0.0616	-0.0184	-0.0755	-0.2714	0.02451
PKH_132470	0.22342	0.16174	0.12669	0.3132	0.49803	0.22112	-1.1884
PKH_123400	0.31569	0.7203	0.68919	0.69662	0.4842	0.18414	0.02591
PKH_112480	0.19207	0.18414	0.14429	0.33688	0.48292	0.58958	0.39753
PKH_031920	-0.3995	-0.2943	-0.2332	-0.4147	-0.7662	-0.1288	-0.3106
PKH_030730	-0.7594	-0.3692	-0.2907	-0.3645	-0.3882	-0.3406	-0.4966
PKH_083380	-0.375	-0.538	-0.8125	-0.8057	-0.6513	-0.5678	-0.3287
PKH_142770	-0.2227	-0.3342	-0.5745	-0.3152	0.08458	0.22115	-0.5099
PKH_091370	-0.3691	-0.0704	-0.2619	-0.2201	-0.3628	-0.6796	-1.1383

PKH_030040	-0.0537	-0.1137	-0.2659	-0.3655	-0.535	-0.6996	-0.9817
PKH_071720	0.08641	0.23756	0.20398	-0.0507	-0.0684	-0.078	-0.4408
PKH_125080	0.27888	0.07874	0.04916	-0.0025	0.06047	0.17804	0.27652
PKH_080700	-0.4165	-0.3875	-0.3796	-0.294	-0.1434	-0.2895	-0.6874
PKH_124530	0.09767	-0.018	0.01632	0.10824	-0.0985	-0.2066	-0.0999
PKH_143420	0.57688	0.65801	0.93729	0.56094	0.82827	0.54948	0.72588
PKH_040510	-0.3553	-0.415	-0.5268	-0.6397	-0.4797	0.08788	-0.1829
PKH_092490	-0.1948	-0.049	0.07741	-0.1275	0.00074	-0.2554	-0.4622
PKH_041350	0.16873	0.26563	0.1525	0.12794	0.14364	0.02429	0.0801
PKH_031110	-0.177	0.15658	0.1487	0.41247	0.57026	-0.0291	0.18692
PKH_093930	-0.0163	-0.0983	-0.008	-0.0757	-0.1981	-0.0726	-1.4551
PKH_090820	0.30433	0.2285	0.15361	0.10208	0.28621	0.4624	0.44298
PKH_120760	0.53412	0.74581	0.78431	0.62704	0.46846	0.35937	0.10182
PKH_093310	-1.5303	-1.6106	-1.5212	-1.5911	-1.2492	-0.9839	-0.9191
PKH_050480	-0.791	-0.9106	-1.0456	-1.2729	-1.0479	-1.1472	-1.5564
PKH_146380	-0.1146	-0.8838	-1.5844	-1.512	0.30404	1.24983	2.22633
PKH_121800	-0.0165	-0.1206	-0.2402	-0.1928	-0.2169	0.02152	-0.0091
PKH_040020	0.48319	0.11701	-0.2325	-0.6054	-0.2782	0.30517	0.59377
PKH_051470	0.37274	0.45511	0.49412	0.24605	0.47032	0.49777	0.53132
PKH_130790	-1.2809	-1.6483	-1.3073	-1.6603	-1.0417	-1.2851	-0.9382
PKH_120510	1.15449	1.3614	0.9467	1.18881	0.66804	0.45999	0.50973
PKH_040980	-0.2724	-0.2601	-0.0109	-0.0368	-0.3994	-0.2872	-0.0312
PKH_130870	0.50838	0.72312	0.94551	0.63685	0.72619	0.4845	-0.065
PKH_140860	0.62819	0.48947	0.54652	0.56349	0.53472	0.26835	0.42762
PKH_130160	0.49415	0.58798	0.71559	0.75435	0.29949	0.13335	0.55352
PKH_093080	0.96349	0.78024	0.67603	0.46761	0.28718	0.60549	0.98915
PKH_072820	-0.458	-0.3679	-0.5953	-0.4762	-0.543	-0.4097	-0.7291
PKH_030750	-0.7553	-0.5914	-0.6245	-0.8749	-0.793	-1.0063	-1.6453
PKH_091350	-1.2157	-1.2024	-0.9969	-0.6448	-0.5068	-0.1546	-0.335
PKH_145560	-0.3528	-0.0615	-0.0624	0.04551	0.07591	0.07137	0.26353
PKH_071270	0.06059	-0.2509	-0.2383	-0.4214	-0.778	-0.9364	-0.8792
PKH_093460	-0.3977	-0.664	-0.5534	0.11178	0.50576	0.63046	0.58012
PKH_050730	0.6536	0.28024	0.14205	0.14389	0.4608	0.36857	0.10021
PKH_114340	-0.0932	-0.0472	0.05455	0.18986	0.21925	0.29429	0.00621
PKH_080430	0.42406	0.22565	0.10071	0.19216	-0.0258	0.23945	0.09965
PKH_073090	0.29414	0.19393	-0.071	-0.2434	-0.5182	-0.3119	-0.0984
PKH_094090	-0.7138	-0.6676	-0.8831	-1.2188	-1.0342	-0.9918	-0.6923
PKH_050930	0.31478	0.33759	0.08957	-0.0522	-0.285	-0.2698	-0.2404
PKH_062300	-0.375	-0.9654	-0.9635	-1.1778	-0.0626	0.46115	0.62887
PKH_071630	0.06864	0.31098	0.20364	0.39144	0.38572	0.36191	0.14099
PKH_091750	0.39686	0.44994	0.04876	-0.4334	-0.4778	-0.5803	-0.52
PKH_094470	0.0012	0.0036	-0.1189	-0.0569	-0.355	-0.3904	-0.2882
PKH_072270	-0.664	-0.6454	-0.4637	-0.5366	-0.0662	0.04295	0.22263
PKH_090940	-0.362	-0.1329	0.1747	0.45838	1.02756	0.90045	0.02803
PKH_120660	-0.0679	0.35623	0.74008	1.25243	1.00004	0.91491	0.51792
PKH_112320	0.08134	0.53743	0.58118	0.61726	0.34642	-0.0432	-0.0948
PKH_112910	0.22186	-0.0171	0.12139	0.32036	0.68882	0.62425	0.67926
PKH_031390	0.86541	0.73338	0.58523	0.68581	0.43864	0.51626	0.9258
PKH_140020	-0.0411	-0.1853	-0.5154	-1.0069	-0.7687	-0.6287	-0.2885
PKH_100710	0.15601	-0.4228	-0.6109	-0.5352	-0.6381	-0.4685	-0.2464
PKH_090410	0.29069	0.24428	0.11804	-0.054	0.36457	-0.0235	0.35754
PKH_090130	0.65715	0.74086	0.68636	0.89984	0.66336	0.43801	0.6803
PKH_112010	-0.4032	-0.4604	-0.2941	-0.3549	-0.3679	-0.3802	0.05197
PKH_127010	0.14322	0.14105	0.18721	0.19861	0.09365	-0.0808	-1.3746
PKH_071680	0.22459	0.29401	0.4743	0.35155	0.42724	0.11588	-0.2985
PKH_071510	-0.9426	-0.701	-0.6864	-0.5373	-0.6986	-0.7518	-0.7899
PKH_100510	-0.794	-0.1463	0.1876	0.43049	0.4846	0.43308	0.05861
PKH_133630	0.0124	0.04063	-0.0379	0.04229	-0.0432	0.07942	0.28711
PKH_030060	-0.1319	-0.211	-0.439	-0.6914	-0.1579	-0.3518	-0.1489
PKH_090100	-0.2605	-0.3832	-0.531	-0.516	-0.513	-0.4996	-0.3562
PKH_080300	0.26869	0.17445	0.08596	-0.2451	-0.219	-0.4952	-0.4034
PKH_073160	-0.0476	-0.0251	0.23287	0.06373	0.09979	0.23296	-0.052
PKH_030810	-0.9587	-0.6865	-0.8728	-0.8154	-0.7451	-1.0356	-1.8513

PKH_070360	0.64877	0.72252	0.47556	0.65909	0.29724	0.12088	0.04356
PKH_031420	-0.2759	-0.3158	-0.3585	-0.6886	-0.5515	-0.6238	-0.4437
PKH_100260	-0.4117	-0.1695	-0.0515	0.36631	0.28244	0.4714	0.1073
PKH_143270	-0.2002	-0.1088	-0.1584	-0.2096	-0.2283	-0.3307	-0.4402
PKH_132160	0.04522	0.20664	0.30652	0.12576	0.07603	0.11467	0.24683
PKH_071960	0.25424	0.26051	0.40437	0.21021	0.05576	0.17753	0.26462
PKH_100660	-0.0638	-0.3701	-0.2756	-0.4839	-0.1315	-0.167	-0.188
PKH_080680	-0.3317	-0.3195	-0.3428	-0.1192	0.37261	0.4948	0.41951
PKH_134340	0.47752	0.75111	0.64922	0.57997	0.76484	0.47925	0.66856
PKH_130330	0.62269	0.78878	0.79992	1.03466	0.79583	0.77215	0.63759
PKH_145770	0.6337	0.51688	0.49691	0.50566	0.54392	0.33437	0.27296
PKH_030180	0.97756	0.94524	0.43784	0.24555	0.29228	0.48707	0.98043
PKH_114390	-0.2994	-0.4088	-0.385	-0.2936	-0.0083	0	-1.2944
PKH_093280	-1.0806	-0.7922	-1.0531	-0.7571	-0.5065	-0.8975	-1.1516
PKH_130180	0.24351	0.44143	0.62509	0.54779	0.5645	0.25067	0.4482
PKH_124590	-0.1085	-0.0925	-0.3063	-0.3583	-0.2397	-0.3181	-1.5857
PKH_142630	0.58293	0.15123	0.02312	0.00287	0.47188	0.29018	0.71327
PKH_010840	-0.3552	-0.4097	-0.1855	-0.4954	-0.0707	-0.1578	-0.0081
PKH_062130	0.08033	0.24426	0.59164	0.21883	0.10096	-0.0722	-0.5714
PKH_061290	0.04443	-0.1192	-0.0754	-0.1095	-0.5159	-0.2343	-1.46
PKH_070370	-0.0905	-0.0253	-0.0957	-0.1519	-0.0308	0.00668	-0.0909
PKH_051550	-0.7234	-0.4229	-0.3349	-0.3214	-0.4592	-0.4026	-2.388
PKH_031620	0.25851	0.02679	-0.167	-0.1009	-0.0506	0.09663	0.46277
PKH_030230	-0.8916	-0.8298	-1.1833	-1.4542	-1.3918	-1.14	-1.2632
PKH_092380	0.27878	0.23609	0.1363	-0.0594	-0.3493	-0.1441	0.02255
PKH_124020	0.80764	0.62302	0.71522	0.83865	0.54252	0.94355	1.30216
PKH_071230	0.07756	0.31347	0.45291	0.76509	0.23393	-0.049	-0.7123
PKH_081480	-0.1468	-0.1726	-0.0831	-0.1223	0.0175	0.35405	0.2652
PKH_146060	-1.6136	-1.3671	-1.3049	-0.5648	-0.1539	-0.1894	-0.3546
PKH_132700	-0.278	-0.0783	-0.2626	-0.2412	-0.2134	-0.0505	0.10886
PKH_061970	-0.2151	-0.024	0.02554	0.00954	-0.3485	-0.3706	-0.4681
PKH_071330	-0.9067	-0.8166	-0.7862	-0.7601	-0.3107	0.12649	-0.281
PKH_103170	0.3743	0.56558	0.85097	1.15649	1.01784	0.87514	0.72807
PKH_080460	0.164	0.38467	0.47391	0.42795	0.58505	0.37118	0.459
PKH_020040	1.82847	1.49803	1.19275	0.83798	0.77019	1.2132	2.31037
PKH_092940	0.06504	-0.0956	-0.1843	-0.2954	0.01365	0.02473	0.23983
PKH_052230	-0.4377	-0.463	-0.6961	-0.9706	-1.0839	-1.1169	-0.8214
PKH_143050	-0.1976	-0.6409	-0.9226	-0.6289	-1.0933	-0.9013	-0.2072
PKH_030070	-1.201	-0.9363	-1.0821	-0.5625	-0.4875	-0.5233	-0.9585
PKH_020020	-0.1406	-0.9376	-1.3082	-1.729	-0.8439	-0.3095	0.45021
PKH_122530	0.91055	0.82903	0.96975	0.98713	0.65661	0.92093	0.72338
PKH_061350	-0.4028	-0.5559	-0.5408	-0.473	-0.6915	-0.2705	-0.0196
PKH_101250	0.12666	0.20886	0.17424	0.04284	0.2213	-0.0263	0.04573
PKH_011590	0.04376	-0.0078	-0.2471	-0.3201	-0.3212	-0.3432	-0.2731
PKH_124510	0.45305	0.56081	0.4582	0.78358	0.43612	0.28863	0.43228
PKH_146310	-0.4524	-0.9255	-0.6821	-0.9172	-0.4508	-0.3747	-0.287
PKH_133130	0.87016	1.04324	1.27563	1.24258	0.70832	0.64424	0.88861
PKH_031120	-1.1682	-0.8252	-0.0484	0.80912	0.28928	0.14046	-0.8082
PKH_083180	0.5573	0.72474	0.72567	0.74762	0.27089	-0.3279	-0.8099
PKH_121310	0.93344	0.74427	0.54395	0.46751	0.18172	0.11077	0.45919
PKH_100140	0.41931	0.42691	0.45409	0.57306	0.45871	0.52974	0.53758
PKH_142510	-0.3452	-0.5685	-0.6941	-0.6717	-0.6154	-0.3736	0.46255
PKH_146350	-0.8973	-0.9857	-0.4706	-0.0732	0.26068	0.71776	0.58059
PKH_120870	0.05836	0.5618	0.66505	0.54052	0.21243	-0.0385	-0.4233
PKH_072350	-0.1581	-0.317	-0.4023	-0.4518	-0.2499	-0.3008	-0.0281
PKH_020080	0.76168	0.45417	0.03842	-0.4015	-0.508	-0.0827	0.89813
PKH_061760	0.73647	0.58971	0.19181	0.17972	0.03451	0.14144	0.35236
PKH_100220	-0.1089	-0.1863	-0.3252	-0.6198	-0.3784	-0.2002	-0.0278
PKH_031350	1.23776	0.93766	0.27477	0.66289	0	0.18376	0.24021
PKH_051360	-0.3828	-0.4929	-0.4817	-0.4427	-0.4953	-0.6832	-0.8244
PKH_072860	-0.5475	-0.5463	-0.7822	-0.6334	-0.5316	-0.861	-1.1225
PKH_142710	0.67311	0.50875	0.2764	0.04674	0.01625	0.0426	0.49744
PKH_101810	0.84893	0.78947	0.52491	0.60855	0.73216	0.80086	0.85115

PKH_061250	0.37757	0.5113	0.39512	0.41164	0.5857	0.48895	0.31915
PKH_071260	-0.7082	-0.3874	-0.2346	-0.2918	-0.4235	-0.626	-1.356
PKH_113300	0.0451	-0.1818	-0.2141	-0.4014	-0.6764	-0.6766	-1.5317
PKH_051940	-0.4114	-0.4008	-0.4959	-0.3198	-0.3978	-0.427	-0.4021
PKH_010760	-1.691	-1.4061	-1.7489	-1.7369	-1.6338	-1.7463	-1.6295
PKH_051570	-1.0083	-1.009	-0.9043	-0.8512	-1.1067	-1.3331	-3.093
PKH_083540	0.08799	0.13362	0.38415	0.12891	0.17097	0.22391	-0.0442
PKH_102900	0.18142	-0.03	0.10586	0.12834	0.22874	-0.0441	0.06747
PKH_125270	-0.2925	0.26838	0.03925	-0.0008	0.00831	-0.0822	-0.1332
PKH_051170	-0.2576	-0.3239	-0.3184	-0.2936	-0.0865	-0.4597	-0.6449
PKH_140260	0.19653	0.76742	0.93018	1.0019	0.89936	0.49055	-0.1699
PKH_062240	0.61336	0.52006	0.07302	-0.1728	-0.4442	-0.7386	-0.5785
PKH_125260	0.258	0.14894	0.05888	-0.3174	-0.3726	-0.0548	0.19175
PKH_052090	-0.5214	-0.2134	-0.3887	-0.0512	-0.054	0.02342	-0.6251
PKH_131650	0.10597	-0.0361	0.07333	-0.1809	0.22596	0.09628	0.46416
PKH_083190	-0.4825	-0.6839	-0.4227	-0.2759	0.01432	0.158	-0.1979
PKH_125830	0.83772	0.64144	0.70911	0.57512	0.40691	0.5146	0.93944
PKH_071060	0.29565	0.10784	0.09833	0.18377	0.41136	0.14555	0.15146
PKH_093890	0.17916	0.20043	0.1454	0.43327	0.32588	0.15278	0.3281
PKH_071760	0.0751	-0.0435	0.09705	0.18209	-0.2222	-0.2742	-0.5832
PKH_145840	0.41133	0.49134	0.10242	0.54118	0.53687	0.57355	-0.2159
PKH_120770	-0.3728	-0.263	-0.3766	-0.4107	-0.5075	-0.5254	-0.9636
PKH_126590	-0.5092	-0.3108	0.09333	0.39449	0.37982	0.46585	0.35247
PKH_146220	0.15112	0.34089	0.55269	0.63032	0.59807	0.40687	0.33423
PKH_073290	-0.5342	-0.762	-0.687	-0.303	0.02614	0.23026	0.46273
PKH_114760	-0.4748	-0.432	-0.3018	0.14699	-0.1042	-0.2336	-0.5592
PKH_146860	0.14618	0.13302	0.31391	0.14131	0.21213	0.05396	0.63758
PKH_110170	0.10028	0.25039	0.22304	0.00063	0.04822	-0.2388	-0.0422
PKH_101360	-0.1724	-0.3307	-0.5026	-0.4582	-0.555	-0.4174	-0.279
PKH_124470	0.79578	0.37709	0.44636	0.05583	0.37603	0.36036	0.86006
PKH_142980	0.22477	0.16179	0.34479	0.34049	0.2098	0.26449	0.43538
PKH_082610	0.18445	0.35545	0.42071	0.79628	0.68434	0.35359	-0.0979
PKH_010020	-0.3029	-0.387	-1.0534	-0.1014	-0.0166	-0.2538	-1.1442
PKH_073170	-0.4356	-0.1567	0.0233	-0.1779	0.10742	-0.3022	-0.9605
PKH_082110	-0.4825	0.10557	0.47493	0.60445	0.6881	0.44504	0.07223
PKH_112760	0.37712	0.16299	0.04621	0.10439	-0.1313	-0.2506	-0.0834
PKH_083010	0.09781	-0.0259	0.01615	0.03962	0.08949	0.27126	0.25782
PKH_126310	0.32752	0.37112	0.18319	0.01604	-0.1637	-0.1951	-1.6625
PKH_126670	0.23709	0.44277	0.46346	0.69268	0.8616	0.73734	0.77476
PKH_126200	0.3929	0.5539	0.70636	0.89795	0.54771	0.53836	0.60616
PKH_061940	-0.4825	-0.3981	-0.251	-0.4442	-0.4659	-0.1434	-0.175
PKH_092770	0.21452	0.33887	0.37602	0.3327	0.42028	0.04734	0.02765
PKH_114670	-0.1851	-0.2757	-0.6614	-0.2794	-0.4275	-0.5679	-0.7005
PKH_020280	0.3719	0.56872	0.26353	0.22329	0.15587	0.33553	0.33946
PKH_126530	0.85204	0.8457	0.76517	0.61891	0.59737	0.5403	0.43163
PKH_062070	-0.2798	-0.5896	-0.7667	-0.8024	-0.0629	0.46252	0.57357
PKH_143990	0.46885	0.4433	0.56226	0.55428	0.47408	0.66555	0.56779
PKH_114770	0.58525	0.5921	0.50369	0.2273	-0.1574	-0.1835	-0.0719
PKH_102980	-0.2308	-0.0448	0.53089	0.4905	0.94246	0.9349	1.43258
PKH_031300	-0.4689	-0.3818	-0.2434	-0.4845	-0.6406	-0.8629	-1.0913
PKH_092390	0.0538	0.0578	0.01237	-0.0663	-0.1457	-0.2358	-0.3396
PKH_144140	0.39753	0.60247	0.33378	0.19036	-1.1658	0.26949	0.89576
PKH_072810	0.07319	-0.0046	0.1411	0.13851	0.07575	0.1268	0.17563
PKH_020710	-0.7121	-0.6499	-0.9567	-0.8259	-0.8303	-0.7618	-1.6539
PKH_140690	0.00395	-0.1544	-0.0814	-0.0355	0.45363	0.66821	0.89835
PKH_140760	-0.1831	-0.0617	0.19329	0.43263	0.42677	0.29902	-0.0247
PKH_114110	0.19958	0.24698	0.37373	0.40768	0.20732	0.08985	0.17449
PKH_131150	0.37199	0.43957	0.37383	0.68339	0.44531	0.22608	0.05749
PKH_101300	0.7135	0.87086	0.82526	0.76315	0.22	-0.0232	-0.1262
PKH_072890	-0.867	-0.9962	-1.2382	-1.2317	-1.2955	-1.3817	-2.1901
PKH_131970	-0.2992	-0.0303	-0.2149	-0.2753	-0.2527	-0.3609	-0.0962
PKH_102590	0.3579	0.33114	0.28183	0.37812	-0.0509	-0.16	-0.1486
PKH_113730	0.10424	-0.4271	-0.509	-0.5642	-0.3374	-0.2573	0.33219

PKH_141390	0.43478	0.09642	-0.3003	-0.2409	-0.1389	-0.116	-1.017
PKH_081130	0.33611	0.19333	0.11797	-0.0269	0.1558	0.22516	0.38417
PKH_111130	0.34499	0.09701	0.1363	0.18177	-0.1104	0.00871	-1.4677
PKH_031650	0.03588	0.26687	0.09034	0.00954	0.02323	0.12492	0.10088
PKH_093660	-0.5236	-0.648	-0.7368	-0.7483	-0.5952	-0.4608	-0.4712
PKH_110830	0.26663	-0.0154	0.1811	-0.2572	0.02616	0.05411	0.12835
PKH_132800	0.91518	1.05197	1.21746	1.44281	1.0026	0.65665	0.73105
PKH_090950	0.6755	0.61947	0.50992	0.4971	0.33826	0.17781	0.40502
PKH_031960	0.16776	-0.0123	-0.6557	-0.4614	-1.163	-1.2526	-0.3159
PKH_126430	-0.3432	0.00215	-0.0103	-0.2382	-0.0769	-0.3055	-0.5114
PKH_010180	-1.431	-1.4397	-0.9653	-0.7293	-0.2276	-0.1103	-0.7716
PKH_130750	0.17758	0.37152	0.0437	0.25472	0.14029	-0.4558	-1.7062
PKH_102770	0.02733	-0.1671	-0.0467	0.22649	0.34078	0.57348	0.77337
PKH_061540	-0.1867	-0.0129	0.02618	0.06591	-0.3173	-0.3746	-1.2298
PKH_031600	0.12502	0.09987	-0.0836	0.0082	-0.2877	-0.3317	-0.1679
PKH_070660	0.1153	0.07981	0.34011	0.5925	0.73416	0.84239	0.9037
PKH_140110	0.16471	0.04612	-0.093	-0.2914	0.04962	0.07206	0.62457
PKH_093450	0.41149	0.34807	0.21395	0.1054	0.16366	0.17058	0.2698
PKH_100990	-0.3261	-0.5205	-0.3906	-0.8048	-0.4372	-0.1743	0.17817
PKH_070120	0.73057	0.9618	1.43964	1.57891	0.96221	0.72806	0.59697
PKH_146690	0.17203	0.16749	0.262	0.05715	0.05335	0.02391	-0.2769
PKH_124670	0.31198	0.2509	0.27074	0.2397	0.04156	0.07859	-0.0575
PKH_092160	-0.3107	-0.4326	-0.5608	-0.4718	-0.4875	-0.5587	-0.7481
PKH_061650	-1.5005	-1.7857	-1.9995	-2.1639	-1.6177	-1.3271	-2.0118
PKH_121320	0.69943	0.67576	0.48504	0.24841	-0.0816	-0.395	-0.0483
PKH_031760	-0.6802	-1.0045	-1.0103	-1.0895	-1.0733	-1.0766	-1.7052
PKH_020680	0.56416	0.64457	0.30477	-0.2041	-0.2478	-0.2508	-0.2544
PKH_120130	0.21444	0.23285	0.30736	0.28115	0.21605	0.24074	-1.0572
PKH_120200	0.32505	0.27671	0.34843	0.37022	0.47358	0.27392	0.18892
PKH_112880	-0.9486	-1.4906	-1.7569	-1.4841	-0.0185	0.5852	0.53506
PKH_140870	0.69478	0.70913	0.64627	0.67841	0.55612	0.07481	0.07405
PKH_060430	-0.4427	-0.2194	-0.4655	-0.2039	-0.4138	-0.4804	-0.4643
PKH_020430	0.22584	0.40585	0.04775	0.10937	-0.1045	-0.3352	-0.2778
PKH_040070	0.27987	-0.3437	-0.7182	-1.118	-0.365	0.83839	1.40101
PKH_132450	0.17178	0.25172	0.23133	0.1777	0.02832	0.11173	0.24645
PKH_041310	-0.1444	-0.5185	-0.8171	-0.8211	0.13972	0.40633	0.96192
PKH_010260	-1.9707	-1.9353	-2.105	-2.0212	-1.9592	-1.884	-2.4157
PKH_073340	-1.5881	-1.8039	-1.4479	-0.7171	-0.5091	-0.0838	-0.2602
PKH_092150	-1.1159	-1.0215	-0.5236	-0.1826	-0.133	-0.0958	-0.7636
PKH_070720	-0.3848	-0.1202	-0.0504	-0.3807	-0.2818	-0.4153	-0.5267
PKH_051950	-0.5993	-0.8401	-0.8915	-1.165	-0.6218	0.02604	0.15917
PKH_120020	1.53909	0.92613	0.50892	0.07412	0.88506	1.75911	2.40988
PKH_092320	-0.9528	-0.8499	-0.7849	-0.6707	-0.7503	-0.6112	-0.5905
PKH_100350	0.62568	0.74272	0.71603	0.8369	0.65442	0.55143	0.30981
PKH_040910	0.23309	0.20067	-0.1028	0.25141	-0.0682	-0.1261	-1.327
PKH_134030	0.47992	0.5307	0.36937	0.43583	0.43748	0.16804	0.20777
PKH_112650	0.68143	0.51787	0.45957	0.65051	0.36083	0.11356	0.1538
PKH_050160	-0.1553	0.29554	-0.5132	-0.6677	-1.2858	-1.3268	-1.4695
PKH_114490	-0.2475	-0.0818	0.02924	0.17728	0.14396	-0.1535	0.17113
PKH_060130	-1.7082	-1.5033	-1.773	-1.6116	-1.5799	-1.6704	-1.7553
PKH_124130	0.0236	0.20561	0.06071	0.08468	-0.0959	0.08455	-1.2689
PKH_140820	0.64564	0.62475	0.72711	0.43969	0.58031	0.53058	0.79812
PKH_143630	-0.2623	-0.3479	-0.2315	0.0148	0.06662	0.16973	0.13629
PKH_142260	0.04607	0.35459	0.35836	0.58843	0.29076	0.02987	0.03152
PKH_040310	-0.3931	-0.2365	0.79805	1.44456	1.4665	1.15079	0.93775
PKH_093750	0.30953	0.39586	0.53403	0.48753	0.53662	0.11344	-0.1925
PKH_052550	0.22922	0.34255	0.49103	0.64373	-0.471	0.41474	0.28789
PKH_031310	-0.5496	-0.4687	-0.1958	-0.4785	-0.7635	-0.8594	-1.1755
PKH_100740	-0.4657	0.05564	-0.035	-0.1134	-0.1816	-0.3945	-0.483
PKH_121640	0.20143	0.11825	-0.0796	-0.2708	-0.2774	-0.4817	-0.193
PKH_041320	-0.2986	-0.168	-0.4855	-0.6093	-0.8464	-0.7927	-0.6437
PKH_103180	0.13164	0.50732	0.46319	0.15004	0.22641	-0.0675	-0.9997
PKH_093390	-0.3487	-0.2551	0.13986	0.44543	0.61884	0.63034	0.26546

PKH_030490	-0.7306	-0.4699	-0.5351	-0.6022	-0.3126	-0.4644	-0.9186
PKH_102810	0.04002	0.14512	0.60409	1.38015	1.05083	0.88795	0.92148
PKH_070730	0.33577	0.19691	0.11927	-0.0718	0.07561	0.08356	0.1503
PKH_092810	0.61512	0.62303	0.71605	0.72144	0.54816	0.44431	0.33337
PKH_110670	0.12575	0.09465	0.08489	0.11217	0.19804	0.26571	0.3824
PKH_061730	0.52223	0.49938	0.42185	0.17146	0.32006	0.34545	0.48603
PKH_131450	0.90341	0.98916	1.07118	0.47825	0.04101	-0.3036	-0.6705
PKH_020390	0.84545	1.05813	0.98532	0.48973	0.30299	-0.0522	-0.4351
PKH_031820	-0.9647	-0.7833	-0.8243	-0.7193	-0.7408	-0.8342	-1.1554
PKH_146830	-0.0549	-0.0018	0.04108	-0.0044	0.03766	0.12933	0.04495
PKH_093690	0.29152	0.20787	0.31056	0.01745	0.2162	0.17758	0.46934
PKH_132670	0.43614	0.28613	0.23306	0.18077	0.04367	0.08986	-0.0167
PKH_073030	0.54027	0.58099	0.76342	0.88243	0.84805	0.69827	0.33625
PKH_132480	0.43009	0.36284	0.07721	0.21314	0.36125	0.47294	1.23405
PKH_010700	-0.1345	-0.0999	0.02742	-0.4438	-0.8784	-1.0588	-1.4216
PKH_090400	0.58041	0.62178	0.67322	0.59209	0.33125	0.1701	0.01455
PKH_140970	0.14379	0.09337	0.00759	-0.3961	-0.2534	-0.3359	0.11812
PKH_071070	0.19614	0.45065	0.19549	0.2391	0.0159	-0.1456	-0.4927
PKH_143350	0.92546	0.78003	0.73276	0.87709	1.11762	0.75627	0.91347
PKH_124740	0.25047	0.07996	0.11712	0.09611	0.07906	0.14608	0.51388
PKH_081840	-0.5543	-0.4406	-0.4789	-0.2604	-0.2605	-0.523	-1.0647
PKH_133250	0.52433	0.36034	0.12595	-0.2038	0.17672	0.66972	0.71026
PKH_120430	-1.1706	-0.8877	-0.8748	-0.5753	-0.5069	-0.2798	-0.899
PKH_051520	-1.1308	-1.4023	-1.7201	-1.7787	-1.7382	-1.2461	-1.1186
PKH_070090	-0.322	0.01738	0.11194	0.54836	0.60624	0.52664	0.22534
PKH_140120	-0.0345	-0.3966	-0.551	-0.838	-0.7969	-0.3808	0.2396
PKH_133850	0.15377	0.1571	0.31026	0.41056	0.40074	0.23458	0.19857
PKH_124110	0.62043	0.525	0.6755	0.76182	0.85957	0.79956	0.92476
PKH_091900	0.49302	0.40242	0.52357	0.93605	1.09411	0.83665	1.25362
PKH_050970	1.0749	1.0229	1.39411	1.49725	1.02204	0.82965	0.76349
PKH_142040	0.39883	0.25989	0.33268	0.56259	0.68859	0.66709	0.75857
PKH_134560	0.50039	0.61592	0.10664	-0.535	-0.7054	-0.7738	-0.5291
PKH_125280	0.22499	0.27237	0.21931	0.09673	0.16608	0.22115	0.30709
PKH_146320	0.75175	0.45279	0.43731	0.34275	0.18951	0.24681	0.20609
PKH_145150	0.08972	0.16347	-0.2648	0.0281	0.04075	-0.0731	0.25782
PKH_050190	-0.6101	-0.6573	-0.3606	-0.3985	-0.4336	-0.4438	-0.7008
PKH_110240	-0.2118	-0.0352	0.19353	0.66017	0.31685	0.35719	0.21408
PKH_092660	-0.8113	-0.4088	0.03049	0.18513	-0.017	-0.0413	-0.09
PKH_020610	-0.2962	-0.3722	-0.7768	-0.3803	-0.1608	-0.4207	-0.6666
PKH_060730	0.24163	0.1619	0.393	0.37121	0.12922	0.43914	0.03091
PKH_100700	-0.9295	-0.8538	-1.0165	-0.7663	-0.6749	-0.5419	-0.4298
PKH_041090	-0.3965	-0.4512	-0.6169	-0.3592	-0.427	-0.3567	-0.5171
PKH_110850	0.85507	0.84337	0.84823	0.87546	0.3132	0.04754	0.09454
PKH_134140	0.21595	0.15139	0.156	0.2286	0.16824	-0.2383	-1.2119
PKH_082140	-0.0664	0.05951	-0.1722	-0.3948	-0.4302	-0.4234	-0.5477
PKH_051860	0.0252	-0.6451	-0.6592	-0.2644	0.25822	0.66156	-0.008
PKH_110570	0.60234	0.4368	0.87352	0.56745	0.44372	0.542	0.40172
PKH_052200	-0.3989	0.12592	0.19535	-0.0912	-0.2372	-0.1167	-0.6562
PKH_114720	0.01461	-0.1245	-0.1029	-0.0183	0.0061	-0.1136	-0.3017
PKH_125600	0.3432	0.38229	0.45003	0.34157	0.39922	0.37443	0.61004
PKH_133160	0.39239	0.27936	0.39682	0.32376	0.3268	0.48164	0.77088
PKH_142610	0.49881	0.41072	0.52077	0.02818	0.4457	0.38631	0.61269
PKH_092460	0.16576	0.13725	-0.1065	-0.1839	-0.1245	-0.0466	-0.1829
PKH_082160	-1.1927	-1.1323	-0.8617	-0.9082	-0.6324	-0.6701	-0.8755
PKH_090070	-0.1574	-0.0801	-0.0935	-0.1727	-0.0518	-0.2106	-0.483
PKH_071850	-0.8174	-0.2703	0.09629	0.54588	0.18003	-0.1909	-0.3068
PKH_051390	-0.6563	-0.6827	-0.6912	-0.5215	-0.6788	-0.6857	-0.6986
PKH_113960	0.03067	0.05296	0.1017	0.08086	0.19667	0.24966	0.4941
PKH_030990	-1.3506	-1.6553	-1.5271	-1.03	0.01538	0.31057	-0.1892
PKH_073040	-1.4144	-1.3491	-1.4777	-1.3693	-0.5471	0.12376	-0.1449
PKH_120930	0.36791	0.35194	0.25799	0.22962	0.0714	0.65768	1.4237
PKH_071140	0.6182	0.61428	0.60154	0.84757	0.54735	0.46526	0.60601
PKH_110930	0.05903	0.09074	-0.0154	0.19253	0.0923	0.07105	-1.0875

PKH_133680	0.40314	0.44904	0.28965	0.17997	0.43361	0.24048	0.5294
PKH_050650	0.63136	0.92902	0.74295	0.60096	0.16679	-0.5014	-0.7774
PKH_083650	0.55121	0.43821	0.34999	0.23825	0.2844	0.14121	0.08121
PKH_081400	-0.4592	-0.3268	-0.7184	-0.1506	-0.9452	-0.6948	-1.3478
PKH_141950	0.44733	0.37917	0.52171	0.66944	0.51403	0.38788	0.60442
PKH_144680	0.05802	0.00195	0.22166	0.34181	0.34875	0.31394	-0.6494
PKH_052310	-0.5947	-0.4308	-0.6041	-0.3399	-0.5606	-0.6152	-2.4895
PKH_134280	0.37917	0.49888	0.15219	0.15268	-0.0305	-0.1408	-0.0184
PKH_051560	-0.4425	0.0973	0.54081	0.58728	0.46529	0.28267	-0.0013
PKH_062140	-0.5666	-0.3693	-0.4947	-0.4145	-0.4797	-0.6176	-1.1985
PKH_124630	0.15996	0.32347	0.45384	0.47214	0.30826	0.59578	0.65229
PKH_081360	-0.1226	-0.1836	-0.2106	-0.1141	-0.0864	-0.0139	-0.6403
PKH_040900	0.0634	0.09899	0.22722	0.39243	0.60635	0.41201	0.20427
PKH_020800	-1.4963	-1.6985	-1.5825	-1.1845	-0.84	-0.8248	-1.06
PKH_010450	0.04961	-0.2028	0.06088	-0.1011	-0.0572	-0.157	-1.1545
PKH_125250	0.86462	0.88624	1.17032	1.19824	0.81589	0.73226	0.78993
PKH_071790	-0.7013	-0.7296	-0.5995	-0.3519	0.04814	0.51737	0.37191
PKH_122890	0.59826	0.5413	0.64095	0.51743	0.40862	0.42923	0.6544
PKH_120520	-0.5532	-0.4517	-0.8158	-0.2555	-0.3396	-0.5074	-1.6999
PKH_122560	0.70085	0.34824	0.0863	0.0771	0.59016	1.02248	0.81832
PKH_120420	-0.1659	0.06072	0.48423	0.77471	0.64691	0.57641	0.01726
PKH_145380	0.48092	0.29307	0.28212	0.2575	0.28457	0.43185	0.14368
PKH_130150	0.89348	1.18321	1.01274	0.85002	0.39388	0.53796	1.27558
PKH_082710	0.47165	0.54672	0.38585	0.20729	0.31235	0.09882	0.04928
PKH_061840	0.3989	0.15748	0.05586	-0.0102	0.19196	0.24806	0.54462
PKH_051920	-0.901	-1.0599	-1.0606	-1.2308	-1.0316	-0.9787	-0.8735
PKH_092250	0.19798	0.237	0.19371	-0.1351	0.24909	-0.0799	0.39259
PKH_141260	-0.9893	-0.3179	-0.0461	0.28716	0.32642	0.23818	0.12446
PKH_114460	0.8056	0.84945	0.89568	1.09502	1.02816	0.51526	0.32832
PKH_131200	-1.0399	-1.2005	-0.8666	0.48759	0.41657	0.54703	0.41496
PKH_100690	0.24207	0.51556	0.76272	0.90302	0.76838	0.8168	0.88848
PKH_123170	1.21468	1.20671	1.0235	1.15884	0.62804	0.40407	0.43707
PKH_041500	-0.282	-0.1879	-0.2573	-0.2938	-0.3295	-0.4331	-0.9087
PKH_123710	-0.0538	-0.1703	-0.1321	-0.0717	-0.0768	0.12149	0.10793
PKH_040210	-0.5423	-0.1305	-0.1827	-0.2944	-0.0551	-0.2745	-1.0416
PKH_081070	0.16439	0.43576	0.36847	0.33124	0.30376	0.39785	0.70794
PKH_113310	-0.0227	0.00852	0.06214	0.09763	0.00673	0.02583	-0.0202
PKH_091260	-0.1254	-0.2887	-0.6414	-0.9569	-1.0585	-1.1207	-0.5935
PKH_140080	0.91339	0.66567	0.66154	1.34254	1.34331	1.29904	1.20239
PKH_113280	-0.1007	0.26646	0.61351	0.75633	1.10082	1.2375	0.96482
PKH_050470	-0.2572	-0.5552	-0.4894	-0.3204	-0.3638	-0.076	-0.4463
PKH_113710	0.91089	0.62513	0.74299	0.75429	0.78983	0.87959	1.18067
PKH_134200	0.12593	-0.0117	-0.0879	-0.1089	-0.2407	-0.0213	0.29949
PKH_122180	0.11021	-0.0271	-0.027	0.09882	0.06185	0.05187	0.12618
PKH_030210	-0.4278	-0.0484	-0.1584	-0.2081	-0.7378	-0.7774	-1.0646
PKH_132050	-0.3178	-0.3306	-0.4482	-0.2348	-0.2575	-0.0466	-0.2063
PKH_120180	-0.3607	-0.6146	-0.7947	-1.1648	-1.0418	-0.5895	-0.2065
PKH_121510	-0.4517	-0.5644	-0.6646	-0.3174	-0.2763	-0.218	-0.1093
PKH_143280	-0.1137	-0.145	0.04597	-0.1207	-0.2494	-0.1296	-1.4326
PKH_112720	0.39294	0.3435	0.51114	0.41089	0.36512	0.31441	0.40601
PKH_092820	-0.0894	0.03208	-0.1031	-0.1453	-0.3801	-0.3401	-0.4589
PKH_141340	-0.0832	0.19877	0.31572	0.57563	-0.0212	-0.131	-0.4015
PKH_146180	-0.9404	-1.0416	-0.7734	-0.9236	-0.6355	-0.2134	-0.0516
PKH_126910	0.60337	0.56248	0.55513	0.45398	0.49778	0.45183	0.46567
PKH_090900	-0.0126	0.1172	0.24231	0.15017	-0.1735	-0.5529	-0.5066
PKH_110450	0.37332	0.4808	0.73332	0.46826	0.2702	-0.006	-0.7014
PKH_125240	0.39867	0.46007	0.24128	0.68997	0.58311	0.31257	0.12756
PKH_102520	-0.4661	-0.3857	-0.4839	-0.3858	-0.2961	-0.1842	-0.3225
PKH_030160	0.56523	0.12804	0.17751	0.67032	0.3609	0.84706	0.88316
PKH_083210	-0.0252	0.00248	0.01079	-0.036	0.04656	0.20377	-1.3343
PKH_132380	-0.1374	-0.1672	0.04863	-0.1905	-0.0816	-0.0972	-0.2484
PKH_121840	-1.3808	-2.0056	-2.4112	-2.2173	-0.712	0.2342	0.51113
PKH_094340	-0.3801	-0.3566	-0.3478	-0.6822	-0.3654	-0.3752	-0.8137

PKH_092610	0.5581	0.62854	0.8885	0.90045	0.43669	0.18002	-0.104
PKH_112080	0.14872	0.27886	0.28417	0.02663	0.20615	0.17859	0.18412
PKH_093980	0.09213	-0.2997	-0.5927	-0.574	-0.4196	-0.4479	-0.471
PKH_031590	0.20206	-0.3862	-0.3493	0.66338	1.33776	1.30389	1.53127
PKH_052030	-0.5741	-0.4219	-0.5767	-0.6296	-0.6282	-0.5461	-0.9198
PKH_114780	-0.1813	-0.0376	-0.1629	-0.192	-0.3028	-0.3403	-0.2955
PKH_123380	0.08315	-0.2246	-0.0129	0.13917	0.13575	0.24555	-0.9333
PKH_141230	0.0895	0.24329	0.16163	0.10327	-0.0223	-0.1155	-0.2986
PKH_010150	-0.4391	-0.1899	-0.3308	-0.4371	-0.5571	-0.6532	-1.3783
PKH_132620	-0.0189	-0.1584	-0.1899	-0.4074	-0.3138	-0.2434	-0.29
PKH_123930	0.22764	-0.0305	0.01423	0.22653	0.19007	0.36951	0.47518
PKH_112680	0.19757	-0.0307	0.14948	0.2869	0.14361	-0.0546	0.13296
PKH_092830	-0.3297	-0.0224	0.07445	0.17121	0.12524	0.15398	-0.1944
PKH_040240	-0.8556	-0.8834	-1.1143	-1.2999	-1.4311	-1.6008	-1.7883
PKH_020590	-0.6586	-0.4354	-0.7171	-0.6369	-0.7852	-0.8903	-1.4492
PKH_093300	-0.2312	-0.2915	-0.1257	-0.3287	-0.2034	0.16037	0.35295
PKH_101920	-0.3592	-0.5319	-0.9568	-1.5816	-1.9183	-1.9751	-2.2416
PKH_130640	-0.011	0.10235	0.21485	0.37655	0.16068	0.14469	-0.1966
PKH_071970	-0.0992	-0.1172	-0.517	-0.7923	-0.883	-1.0019	-1.1815
PKH_070230	-0.1272	-0.2693	-0.3864	-0.4772	-0.1412	-0.0466	-0.3702
PKH_092300	0.24666	0.23666	-0.2002	-0.3704	-0.8697	-0.9978	-1.0075
PKH_050800	-0.4428	-0.3275	-0.2685	-0.3075	-0.1385	-0.2777	-0.2434
PKH_111890	-0.017	0.05865	-0.0355	-0.386	-0.0771	-0.0766	0.0491
PKH_080200	0.37816	0.33668	0.17315	0.0007	-0.1371	-0.1294	0.00202
PKH_091050	-0.5272	-0.1774	0.00555	0.35528	0.24424	0.06972	-0.497
PKH_126440	0.21161	0.77351	0.74103	0.91948	0.35755	-0.0182	-0.0863
PKH_144740	0.31312	0.30812	0.04417	0.07141	0.04356	0.07206	0.24419
PKH_040470	-0.1649	-0.2881	0.1686	-0.4866	-0.1747	-0.2486	-0.4808
PKH_123470	0.7295	0.44823	0.62111	0.41353	0.11219	0.13035	0.26212
PKH_120230	-0.049	-0.9643	-1.0428	-0.857	0.05487	1.0847	1.33675
PKH_142500	0.23489	0.02946	-0.1953	-0.2232	-0.2376	-0.2041	0.0755
PKH_092560	0.08687	-0.0072	0.28645	0.39704	0.46362	0.81779	0.70543
PKH_145590	0.44085	0.5721	0.64573	0.5241	0.43075	0.42591	0.30774
PKH_082900	-0.7706	-0.8568	-0.9238	-0.7958	-0.889	-0.9016	-1.193
PKH_100120	0.51399	0.5913	0.60442	0.42084	0.56067	0.22844	0.30477
PKH_144260	-0.3715	-0.2351	-0.2824	-0.15	-0.276	0.0095	0.14282
PKH_052760	0.43735	-0.1701	-0.7663	-1.1729	-1.0528	-0.7478	0.0141
PKH_090970	0.30237	0.63633	0.75568	0.82757	0.55131	0.29523	0.16984
PKH_101130	0.44228	0.65747	0.41466	0.21687	0.49927	0.22865	-0.0984
PKH_120500	0.18188	0.3867	0.07814	0.15626	0.1329	-0.0068	0.14001
PKH_121850	0.5828	0.65386	0.41872	-0.1404	-0.4769	-0.6404	-0.1515
PKH_080030	0.71763	0.59016	0.50937	0.06911	-0.0047	0.06368	0.8072
PKH_000100	0.07843	-0.1135	-0.2221	-0.2666	0.12377	0.29945	0.50813
PKH_114010	-0.1603	-0.1941	-0.1517	0.19109	-0.2995	-0.1693	0.0199
PKH_070220	0.31787	0.38556	-0.0896	-0.1306	0.15012	-0.2089	-0.2669
PKH_133600	0.42361	0.68722	0.83575	1.21085	0.94984	0.62055	0.43874
PKH_082940	0.25766	-0.1723	0.15245	0.34889	0.10973	0.1904	0.3219
PKH_030290	-1.2951	-1.0437	-0.9717	-0.2766	-0.698	-0.6332	-1.3844
PKH_124060	0.34643	0.59845	0.94365	1.06754	0.8347	0.46453	0.67202
PKH_051330	-0.0935	-0.1682	-0.2395	0.04679	0.17538	0.51673	0.31027
PKH_146950	-0.3804	-0.4855	-0.5617	-0.474	-0.6234	-0.3103	-0.1176
PKH_031210	-0.8721	-1.3342	-1.4481	-1.6367	-1.4828	-0.509	-0.2258
PKH_143670	0.02644	0.0016	-0.0658	-0.1414	-0.1575	-0.3595	-0.1458
PKH_010580	-0.9634	-0.9016	-0.8348	-0.9502	-0.5217	-0.479	-1.1475
PKH_011120	0.29961	0.13293	0.10993	0.50952	-0.0303	-0.3506	-0.6381
PKH_112440	-0.2357	-0.3507	-0.2029	-0.3119	-0.221	-0.2872	-0.2856
PKH_072910	-0.2699	-0.1539	-0.1931	-0.2771	-0.3544	-0.4639	-0.9732
PKH_125950	0.72895	1.034	1.08968	1.14763	0.80791	0.558	0.66334
PKH_073300	0.12647	-0.0306	-0.0062	-0.14	-0.0162	0.32556	0.32631
PKH_061530	-0.2434	-0.2665	-0.5367	-0.4892	-0.4573	-0.3477	0.00078
PKH_124970	0.09419	0.1474	0.43639	0.56682	0.45263	0.54863	0.56079
PKH_031750	-1.0769	-1.1072	-0.7626	-0.4483	-0.1574	-0.0465	-0.4179
PKH_031540	0.07812	0.17953	-0.0329	-0.2647	-0.2653	-0.5287	-0.3179

PKH_082700	0.4582	0.48947	0.39475	0.43107	0.31504	0.0733	0.08182
PKH_083100	-0.3567	-0.4002	-0.2114	-0.3096	-0.3094	-0.2181	-0.1574
PKH_010620	-0.0216	0.38422	-0.257	-0.0222	-0.2502	-0.075	-0.2201
PKH_112300	-0.1905	-0.087	-0.2514	-0.0137	-0.0741	-0.1096	-1.4992
PKH_113450	0.68963	0.47282	0.32354	0.02377	0.09778	-0.0107	0.2969
PKH_123810	-0.1302	-0.0148	0.2044	0.15209	-0.0502	-0.0914	-0.0235
PKH_051790	-0.5375	-0.6693	-0.7877	-0.166	-0.037	0.03116	-0.0671
PKH_121790	0.00226	-0.0589	0.08962	0.02912	0.07234	0.07362	-0.2813
PKH_141830	0.07343	0.00567	-0.2535	-0.1527	-0.1851	0.0363	0.14163
PKH_143590	-0.1879	-0.1351	-0.2469	-0.0846	0.22139	0.03859	-0.4545
PKH_093150	-0.5018	-0.4609	-0.4827	-0.6885	-0.1719	-0.2056	-0.7229
PKH_130700	0.09092	-0.0763	-0.1476	-0.4426	0.06594	-0.1926	-0.0092
PKH_133330	0.40795	0.5495	0.49547	0.00809	0.49763	0.57085	0.53503
PKH_094450	-0.696	-0.8649	-0.4944	-0.4439	-0.1949	-0.0648	-0.2684
PKH_120650	-0.6738	-0.5836	-0.4027	-0.3362	-0.4757	-0.4414	-0.2243
PKH_123240	-0.2862	-0.3521	-0.3291	-0.4362	-0.3579	-0.4089	-0.3566
PKH_146670	0.4783	0.45942	0.6483	0.67657	0.77412	0.77933	1.137
PKH_102370	-0.3741	-0.2478	-0.281	-0.2798	-0.2835	-0.332	-0.7935
PKH_100540	-0.1295	-0.3712	-0.406	-0.3589	-0.5628	-0.2467	-0.8459
PKH_146100	-0.3562	-0.3015	0.32186	0.56731	0.82124	0.79405	0.69135
PKH_071010	-0.3646	-0.2603	-0.344	-0.1541	-0.1761	-0.1702	-1.5414
PKH_052260	0.45771	0.44294	0.61534	1.07081	0.38617	0.18108	0.17669
PKH_060530	0.29142	0.7543	0.62637	1.0037	1.11839	0.88736	0.52396
PKH_121470	-0.6956	-0.5225	-0.3083	-0.0432	-0.1845	0.03608	-0.1302
PKH_062110	-0.7561	-0.9025	-1.1623	-1.5363	-1.2898	-1.2193	-1.3065
PKH_070650	0.19617	0.07955	0.28503	0.23803	0.34377	0.52338	0.40888
PKH_120320	-0.151	-0.1673	-0.1674	-0.1707	-0.2599	-0.3604	-0.6575
PKH_080870	-0.4803	-0.2791	-0.3628	-0.2457	-0.3259	-0.4319	-0.7312
PKH_140490	-0.1079	-0.0765	0.03338	0.16774	0.26895	0.36875	0.30936
PKH_081190	1.23486	1.20362	0.87339	1.0321	0.521	0.50704	0.7951
PKH_091430	-0.4996	-0.3408	-0.4757	-0.4439	-0.197	-0.2937	-1.0422
PKH_133855	0.24583	0.3551	0.34861	0.18921	0.20848	0.18055	0.56999
PKH_052360	-0.5566	-0.2803	-0.1531	-0.022	-0.5976	-0.4211	-1.335
PKH_094260	0.55607	0.78353	0.53044	0.40403	0.41592	0.2376	0.20828
PKH_134250	0.19447	0.56724	0.56921	0.69404	0.66184	0.61132	0.35601
PKH_100970	0.22675	0.56661	0.78565	1.05315	0.60536	0.393	0.48891
PKH_126750	-0.5682	0.26831	1.27881	1.551	1.2364	0.97775	0.0705
PKH_133470	0.60055	0.57314	0.4914	0.47086	0.3359	0.2861	0.40333
PKH_145900	0.03631	-0.2138	-0.4552	-0.5932	-0.6773	-0.2063	0.14952
PKH_112640	-0.0868	-0.2016	-0.4399	-0.8932	-0.8431	-0.8047	-0.8825
PKH_000760	0.22349	0.00948	0.09464	-0.0879	0.26094	0.27076	0.37409
PKH_140460	0.80107	1.18161	1.26004	1.21372	0.88766	0.43611	0.5354
PKH_110950	-0.0323	-0.0862	0.05901	0.06525	0.018	0.0841	-0.0992
PKH_130670	0.56247	0.38916	0.48667	0.11965	0.37541	-0.1073	0.03426
PKH_145720	0.25489	0.01844	0.36084	0.58817	0.59185	0.4093	0.31109
PKH_040330	-1.211	-1.0231	-0.5475	-0.0846	-0.0011	0.29206	0.06192
PKH_142380	-0.0093	-0.3328	-0.8095	-0.9128	-0.1753	0.62701	0.61397
PKH_140800	0.22615	0.06447	-0.0873	-0.4362	-0.4161	-0.5843	-0.3024
PKH_061520	-0.4619	-0.7247	-0.3758	-0.507	-0.3902	-0.448	-0.5128
PKH_021300	-0.0496	0.29971	0.5553	0.16912	0.77036	0.59628	0.4104
PKH_060210	-0.0363	0.24288	0.44981	0.22541	0.18856	0.07283	0.08207
PKH_102340	-0.3224	-0.2371	-0.2477	-0.1744	-0.2997	-0.3573	-0.3778
PKH_060870	0.37778	0.40268	0.36091	0.17878	0.07585	-0.1679	-0.1696
PKH_020440	-0.5529	-0.2984	-0.3593	-0.4422	-0.3809	-1.5553	-1.8593
PKH_082970	0.57466	0.62476	0.522	0.128	0.06898	-0.0068	-1.3661
PKH_143550	0.24633	0.11745	0.42372	0.28122	0.04742	0.19826	0.23829
PKH_124950	-0.2016	0.02273	-0.0937	0.04939	-0.0586	-0.1902	0.01102
PKH_142390	-0.0259	0.30769	0.44572	0.49395	0.24211	0.11546	0.12999
PKH_142680	0.91984	0.92072	0.99865	1.1227	0.69677	0.22551	0.21861
PKH_125560	0.56849	0.61436	0.629	0.67053	0.36868	0.37784	0.47094
PKH_040680	0.58334	0.70163	0.63488	0.64358	0.66338	0.25793	0.31269
PKH_082770	-0.5069	-0.36	-0.6136	-0.3273	-0.3802	-0.3268	-0.3344
PKH_092740	0.13951	0.0733	0.06254	-0.0394	-0.0382	0.02455	0.0196

PKH_122120	-1.0471	-0.3009	0.67671	1.08559	1.03018	0.57488	0.4365
PKH_122450	-0.1342	-0.3526	-0.3989	-0.3735	-0.4201	-0.3327	0.07889
PKH_126620	-0.2275	-0.2026	-0.0408	0.17002	-0.0714	0.21003	0.11046
PKH_041390	-0.3789	-0.5203	-0.5287	-0.4616	-0.5074	-0.3968	-0.8243
PKH_040650	0.1803	0.10925	0.24687	0.20829	0.17011	-0.1245	-0.1336
PKH_062000	-0.1136	0.07299	-0.0452	-0.0246	-0.0262	-0.1823	-0.216
PKH_091160	0.01394	0.00425	-0.0676	-0.0405	-0.0544	-0.0574	-0.5773
PKH_082640	-0.5587	-0.3217	-0.3103	-0.1783	-0.2348	-0.3847	-0.8171
PKH_133140	0.17059	-0.093	-0.066	-0.2515	-0.0699	-0.0387	0.33529
PKH_132710	0.57943	0.73432	0.61248	0.39092	0.61632	0.35496	0.51857
PKH_132230	0.07195	0.05135	-0.0175	0.26564	0.37226	0.27112	0.34192
PKH_031890	0.68266	0.84244	0.60157	0.7216	0.5661	0.60058	0.85344
PKH_123690	-0.2931	-0.3781	-0.1076	-0.0207	0.024	0.11938	0.23862
PKH_132880	0.30802	0.12339	0.10071	0.23136	0.5231	0.64005	0.93798
PKH_093710	-0.5427	-0.6269	-0.5841	-0.4605	-0.0378	-0.3246	-0.6219
PKH_141670	-0.184	0.04327	0.24773	0.298	0.00993	0.01158	0.01198
PKH_144770	0.57492	0.63043	0.5791	0.43786	0.31297	0.29984	0.23297
PKH_140350	0.72436	0.78984	0.83477	0.11658	0.96446	0.84117	0.52563
PKH_011550	-1.0907	-1.2072	-1.4515	-1.284	-0.9817	-0.3645	-0.5003
PKH_030980	-0.1096	-0.0972	-0.113	-0.1801	-0.1471	-0.1004	-0.3389
PKH_127040	0.86857	0.83299	0.37681	0.02238	-0.2814	0.31966	0.83182
PKH_011190	-0.5264	-0.7045	-0.9659	-1.056	-0.7084	-0.1934	-0.1184
PKH_061550	-0.6336	-1.1984	-0.9893	-1.0061	-0.1863	0.32597	0.36878
PKH_052530	-0.2051	-0.2448	-0.2388	0.03779	-0.1681	-0.1631	-0.1188
PKH_011740	-0.6007	-0.8038	-0.8642	-1.3729	-1.6458	-1.5966	-1.0589
PKH_123580	-0.6904	-1.1014	-1.1168	-1.5741	-1.2604	-0.6676	0.08577
PKH_125770	-0.2155	-0.1182	-0.2984	0.05562	-0.2015	-0.3326	-0.4192
PKH_101290	0.79178	0.60222	0.73482	0.69741	0.74394	0.7849	0.57393
PKH_101200	-0.1065	0.01669	0.21442	0.1944	0.16067	-0.0103	0.27033
PKH_146260	0.26678	0.05437	-0.004	-0.192	-0.3302	-0.1609	-1.528
PKH_146400	0.58079	0.61145	0.61184	0.34706	0.52982	0.24481	0.30092
PKH_111220	-0.0007	0.04614	0.07337	0.13102	0.0196	-0.1033	-0.443
PKH_093090	0.19099	0.76042	0.96021	0.95006	1.02574	0.81696	0.80144
PKH_143260	0.35985	0.24553	0.42722	0.33643	0.13209	0.51466	0.42745
PKH_020620	-1.6974	-1.3436	-0.8083	-1.2611	-0.3339	-0.3666	-0.9033
PKH_050850	-0.8259	-0.6234	-1.4896	-0.518	-0.817	-0.3385	-1.8188
PKH_093060	-0.7662	-0.9657	-0.754	-0.4115	-0.1122	0.38496	0.55949
PKH_145850	0.48343	0.73342	0.75246	0.85718	0.79071	0.69948	0.58128
PKH_123000	0.76342	0.81685	0.63902	0.23491	0.37976	-0.0575	0.30748
PKH_134460	0.38524	0.37493	0.49043	0.35931	0.3859	0.47009	0.54419
PKH_060280	-0.3544	-0.6791	-0.6657	-0.381	-0.5113	-0.257	0.32776
PKH_144890	-0.2924	-0.7654	-1.1797	-1.3223	-1.1866	-1.2211	-1.2003
PKH_093140	0.42321	0.41829	0.44399	0.32547	0.05175	-0.1726	-0.0933
PKH_081830	-0.1996	-0.1654	-0.3688	0.01073	-0.1212	-0.204	-1.7148
PKH_131220	0.10337	0.36861	0.53863	0.36409	0.46841	0.45777	0.41898
PKH_031880	-0.0694	-0.0222	-0.0155	-0.0187	-0.2319	-0.2449	-0.2117
PKH_127080	0.42991	0.17667	0.16112	0.18407	-0.0125	0.08907	0.26984
PKH_060450	0.17461	0.15249	0.06921	0.14796	0.09967	0.08817	-0.0829
PKH_113350	-1.0661	-1.0047	-0.8347	-0.394	-0.3562	-0.3215	-0.5067
PKH_070160	0.02163	0.45291	0.45051	0.55358	0.57521	-0.044	-0.4209
PKH_103030	0.21298	0.71594	1.34848	1.12761	0.85024	0.66997	0.4225
PKH_102500	0.60725	0.71597	0.80445	1.12198	0.75535	0.7109	0.44803
PKH_083700	-0.8874	-0.757	-0.898	-0.9359	-0.3094	0.12463	-0.177
PKH_123480	0.32994	0.3297	0.4213	0.35402	0.51141	0.41383	0.4948
PKH_132340	0.51415	0.56949	0.69265	0.77574	0.65582	0.53339	0.48542
PKH_123680	0.10697	-0.1086	0.10399	-0.0539	-0.0045	0.02104	0.85102
PKH_071660	-0.2956	-0.1667	0.01968	0.04598	0.23032	0.12358	0.09449
PKH_141020	0.10927	0.12179	-0.0386	-0.0398	-0.2084	-0.3389	-0.4403
PKH_073370	-1.4088	-1.8096	-1.1334	-0.7798	-0.139	0.0219	0.26537
PKH_011220	-2.6899	-2.6652	-2.8868	-2.4918	-2.3762	-2.418	-3.9135
PKH_110730	0.20511	0.21197	0.14654	0.26551	0.42432	0.11925	-0.1402
PKH_052460	-0.0744	-0.0712	0.02094	-0.238	-0.3151	-0.5383	-0.4301
PKH_031720	-0.2902	-0.1479	-0.2674	-0.1485	-0.1982	-0.2033	-0.5305

PKH_143780	-0.2842	-0.2415	-0.3987	-0.2022	-0.1974	0.16473	0.49835
PKH_100610	0.45795	0.34561	0.27646	0.22313	-0.1861	-0.2842	-0.2884
PKH_051890	-0.9985	-0.9687	-0.9528	-0.9604	-1.123	-1.0465	-1.9007
PKH_143830	-0.3749	-0.2137	-0.3761	-0.5266	-0.479	-0.7029	-0.7361
PKH_121480	0.24016	0.01862	0.07174	0.14119	0.14825	0.27254	0.35461
PKH_114300	0.19937	0.36369	0.57001	0.8695	0.83866	0.7135	0.7588
PKH_144230	0.59703	0.5817	0.0589	-0.4099	-0.2699	0.04869	0.29518
PKH_143210	-0.139	0.1038	0.12212	0.38094	0.24275	0.4198	0.22061
PKH_052060	-0.6759	-0.2311	-0.3035	-0.2664	-0.3166	-0.3157	-0.5443
PKH_031140	-1.2633	-1.0267	-1.3299	-1.2404	-1.0057	-1.1002	-1.3377
PKH_100460	-0.7048	-0.9675	-1.1473	-0.9378	-1.0486	-0.7693	-0.5009
PKH_123320	0.31697	0.28333	0.30775	0.40059	0.34982	0.30438	0.2939
PKH_060300	-0.1842	-0.3255	-0.2549	-0.369	-0.4257	-0.4102	-0.5909
PKH_112260	0.47075	0.53422	0.31898	0.1284	-0.0968	-0.4206	-0.4371
PKH_000360	-0.4951	-0.5847	-0.4281	-0.5947	-0.5108	-0.3766	-0.3094
PKH_071950	0.45037	0.48281	0.30237	0.1805	0.29079	0.1972	0.17776
PKH_114270	0.49219	0.44141	0.44065	0.41101	0.08553	0.0397	0.16659
PKH_121350	-0.2402	-0.3348	-0.0217	-0.0661	-0.127	-0.045	0.01726
PKH_031020	-1.7843	-1.6815	-1.7281	-1.7145	-1.3839	-1.6488	-2.0684
PKH_070610	0.061	0.12635	0.02442	0.28855	-0.0542	-0.0237	0.12556
PKH_133990	0.29895	0.15349	-0.0216	-0.0421	0.03827	-0.2585	0.08491
PKH_090270	0.13314	0.19123	0.34074	0.67759	0.71032	0.49334	0.78665
PKH_123520	0.46902	0.38455	0.4585	0.51577	0.30179	0.02591	-0.1351
PKH_113840	0.22067	0.09745	-0.0386	0.00388	0.01441	-0.1013	0.05675
PKH_051190	-0.747	-0.6594	-0.709	-0.7231	-0.7227	-0.7423	-1.0946
PKH_073050	-0.0506	0.0329	0.03371	-0.4478	-0.5864	-0.4132	-0.3883
PKH_101890	-0.2076	-0.1407	-0.0879	-0.0227	0.20653	0.20103	-0.1335
PKH_120300	-0.6353	-0.7468	-0.8466	-0.5821	-0.3771	-0.1743	-0.6602
PKH_134380	-0.3066	-0.2971	0.06769	0.2943	0.16613	0.26059	-0.0881
PKH_100210	-0.0323	-0.2311	-0.2879	-0.2845	-0.2004	-0.1907	-0.6302
PKH_010600	-0.2592	-0.1663	-0.5057	-0.5066	-0.6727	-0.6039	-0.4686
PKH_101620	0.26695	0.06569	-0.0022	-0.0584	-0.0866	-0.3854	-0.4565
PKH_112770	0.22171	0.10855	-0.3196	-0.3741	-0.5574	-0.3736	-0.5066
PKH_141140	0.24658	0.35082	0.06185	-0.0819	0.15825	-0.0512	0.14344
PKH_103190	-1.8619	-2.4506	-2.3287	-1.84	-0.5906	-0.0838	-0.0813
PKH_144660	-0.4395	-0.6579	-0.8835	-0.5613	0.15132	0.39287	0.65594
PKH_110400	0.5082	0.45777	0.41334	0.39019	0.47764	0.35799	0.33835
PKH_092060	-0.4254	-0.3727	-0.4146	-0.3652	-0.5573	-0.4866	-0.9476
PKH_145450	0.24565	0.15933	0.04745	-0.024	-0.1766	-0.1608	-0.1176
PKH_110870	0.20331	0.16802	0.24268	0.24283	0.29941	0.33164	0.54767
PKH_143110	0.11074	0.05723	0.13189	0.13414	0.26397	-0.0527	0.02666
PKH_093810	0.78836	0.66155	0.67256	0.56323	0.63142	0.65388	0.53808
PKH_062250	0.12494	0.20911	0.30378	0.21299	0.05848	0.18661	0.34898
PKH_083770	0.47156	0.46709	0.51462	0.44151	0.3321	0.4747	0.23041
PKH_144650	-0.0757	-0.1596	-0.1808	-0.1534	-0.0592	-0.0131	-0.0742
PKH_123130	0.03341	-0.0362	0.1806	0.25099	0.25176	0.34059	0.46862
PKH_142300	0.52874	0.81704	0.6281	0.43559	0.48788	0.32634	0.26121
PKH_143390	-0.0692	-0.1561	-0.1578	-0.0789	0.03762	-0.2003	-1.2297
PKH_100480	-0.327	-0.1573	-0.112	0.09877	-0.2568	-0.2592	-0.3325
PKH_131390	0.44317	0.61821	0.70377	0.64384	0.75348	0.53949	0.22436
PKH_091590	0.63719	0.50373	0.25142	0.16668	-0.2242	-0.181	0.40925
PKH_120670	0.66117	0.46788	0.08639	-0.6715	-0.9597	-1.0794	-0.3027
PKH_120620	-0.0534	-0.004	-0.1295	0.18713	-0.1183	0.29527	0.64876
PKH_120860	0.06448	-0.0267	-0.0743	0.10102	-0.0201	0.11056	-0.5649
PKH_070150	-0.2365	-0.2327	-0.1557	-0.0965	-0.0435	-0.1028	-0.142
PKH_112090	0.2446	0.05767	0.21479	0.10891	0.15182	0.25939	0.46995
PKH_143080	0.10763	0.2074	0.20918	0.32075	0.12141	0.05639	-0.9807
PKH_031910	-1.0542	-1.7558	-1.403	-1.6264	-0.6694	0.02631	0.54052
PKH_011470	-1.4642	-1.1261	-1.1218	-1.5573	-1.3578	-1.0885	-1.5669
PKH_111050	0.26415	0.42705	0.41008	0.47273	0.60574	0.25565	0.53294
PKH_126710	0.24465	0.23845	0.28143	0.25807	0.39794	0.28872	0.66333
PKH_050680	-1.321	-0.5218	-0.5322	-0.5557	-0.2621	-0.7358	-1.736
PKH_060740	0.50936	0.47804	0.41133	0.48198	0.30817	0.23153	0.21646

PKH_125700	0.27795	-0.1416	-0.073	-0.222	-0.2317	0.08234	0.59266
PKH_094230	-0.3335	-0.7039	-0.6485	-0.6892	-0.3415	-0.2623	-0.1544
PKH_124840	0.2605	0.08526	-0.0626	-0.271	-0.3456	-0.0652	0.19115
PKH_111880	0.0061	-0.1105	-0.3458	-0.1121	0.09803	0.44553	0.55946
PKH_082190	-0.3763	-0.3597	-0.568	-0.2928	-0.3577	-0.207	-1.0441
PKH_093520	-0.1876	-0.2609	-0.6606	-0.8446	-0.8248	-1.0798	-0.8809
PKH_040040	0.77955	0.31968	-0.1996	-0.6433	-0.495	0.47409	1.19496
PKH_133860	0.37245	0.32079	0.21873	0.07618	0.31426	0.42443	0.8475
PKH_051510	0.51135	0.30006	-0.0656	0.14381	-0.3249	-0.1565	-1.4578
PKH_093600	0.22186	0.16668	0.16249	0.24324	0.07576	0.18652	-1.0694
PKH_101420	0.05351	0.03814	0.01295	0.05103	0.20109	0.04936	0.11051
PKH_081960	0.84314	0.71612	0.52982	0.31006	0.26343	-0.0778	-0.1826
PKH_073210	-0.7902	-0.863	-0.9663	-1.1141	-1.0021	-1.0228	-1.1561
PKH_134440	-0.0585	-0.1251	-0.07	-0.1646	-0.1458	-0.1184	-0.0083
PKH_010890	-0.1718	-0.1297	-0.2632	-0.4688	-0.646	-0.3306	-0.2907
PKH_050520	-0.3524	-0.3981	-0.5846	-0.3126	-0.344	-0.3703	-1.8412
PKH_114590	-0.0212	-0.1441	0.10221	-0.2102	-0.052	-0.0643	-0.1055
PKH_030500	-0.3397	-1.0264	0.03115	0.08138	0.11124	0.00366	-0.1681
PKH_142210	0.22429	0.39189	0.25047	0.11984	0.06924	0.0898	0.12851
PKH_040610	-1.0214	-1.0977	-0.6925	-1.2349	-0.7466	-0.7743	-0.4185
PKH_123570	0.26176	0.17676	-0.061	-0.3228	-0.1716	-0.1245	0.15357
PKH_123620	0.84107	0.57675	0.85399	0.31028	0.47501	0.42346	0.74249
PKH_113200	0.6223	0.57801	0.42457	0.27414	0.23862	0.19358	0.0974
PKH_061770	0.77742	0.88131	0.85305	0.8125	0.80475	0.73183	0.71884
PKH_061810	0.16446	-0.0394	-0.1739	-0.1506	-0.1194	-0.3895	0.09974
PKH_101740	0.36155	-0.018	-0.0568	-0.2565	-0.1792	-0.0823	-0.3263
PKH_073410	0.18564	-0.0576	-0.6823	-1.0707	-0.9281	-0.2912	0.59853
PKH_126420	0.14337	0.30837	0.4715	0.53127	0.48162	0.44317	0.54079
PKH_145220	0.19671	0.08085	0.10916	0.24191	0.22144	0.31002	0.38854
PKH_090980	0.58388	0.2108	0.23291	0.3871	0.68501	0.65918	0.88656
PKH_092420	-0.0218	0.16141	-0.2215	-0.2914	-0.051	-0.0373	-0.1111
PKH_010190	0.04791	-0.0951	-0.8384	-1.1968	-1.2396	-0.4079	-0.194
PKH_133070	-0.01	-0.0839	-0.0501	-0.1908	-0.002	0.36296	0.67907
PKH_051680	-0.5348	-0.5045	-0.5832	-0.6137	-0.4285	-0.6941	-1.0167
PKH_113910	-0.4873	-0.4815	-0.4818	-0.5275	-0.4649	-0.4451	-0.4807
PKH_140170	1.12259	1.26816	1.38	1.16755	0.83646	0.47053	0.66195
PKH_071360	0.31533	0.09611	0.10303	0.38509	1.33087	1.36629	1.33563
PKH_110710	0.51658	0.67026	0.76893	0.97991	0.63945	0.41934	0.29764
PKH_052470	-0.5064	-0.4808	-0.4727	-0.567	-0.3137	-0.6271	-0.7171
PKH_093040	0.26652	0.36452	0.1135	0.25138	0.02594	-0.0476	-0.1308
PKH_143820	-0.1724	-0.3696	-0.1386	-0.2612	-0.1193	-0.1479	0.10174
PKH_092760	-0.5838	-0.5436	-0.2718	-0.004	-0.0077	-0.155	-0.5187
PKH_120960	1.1929	1.20132	1.17068	1.14505	0.77302	0.47598	0.67557
PKH_010670	-0.8874	-0.4219	-0.3265	-0.6811	-0.8911	-1.2515	-2.2505
PKH_030850	-0.9601	-1.0795	-1.318	-1.3931	-1.3294	-1.5167	-1.877
PKH_080890	0.30361	0.41838	0.78156	0.59534	0.17966	0.19908	0.30361
PKH_121200	0.36262	0.4531	0.51713	0.3866	0.34459	0.37755	0.44886
PKH_094390	-0.5666	-0.4811	-0.1889	-0.5188	-0.3175	-0.2556	-0.2206
PKH_030620	-0.1053	0.00174	0.21319	0.07063	0.43441	0.32553	0.14131
PKH_112130	0.15358	0.05074	0.03273	0.15057	-0.0273	-0.1497	-0.6664
PKH_121500	0.12441	-0.1978	-0.1719	-0.0757	0.07807	-0.0662	-0.2647
PKH_061820	-0.4035	-0.5046	-0.4873	-0.5197	-0.3964	-0.6138	-1.2735
PKH_070420	0.68345	0.77923	0.8234	1.14908	0.58648	0.588	0.48891
PKH_130210	0.29986	0.4565	0.59396	0.42769	0.51598	0.50843	0.69311
PKH_073390	-1.6863	-1.3681	-0.8185	-0.4584	-0.0914	-0.1453	-0.7474
PKH_132120	0.60453	0.69796	1.0453	0.78774	0.82512	0.68033	0.49828
PKH_145390	0.02811	0.11928	0.10403	0.14395	-0.1763	0.0267	0.18801
PKH_070540	-0.1331	-0.2709	-0.1967	-0.2727	-0.3085	-0.2779	-1.4474
PKH_070760	0.70708	0.63827	0.75495	-0.1525	0.18969	0.19724	0.31523
PKH_071690	-0.7178	-0.9141	-1.164	-1.2617	-1.4885	-1.3105	-0.9713
PKH_144150	0.13035	0.23596	0.31388	0.33062	0.25189	0.18682	0.04477
PKH_143880	0.6279	0.64515	0.83429	0.6151	0.92892	0.75383	0.53649
PKH_111070	0.57577	0.8817	0.50307	0.832	0.65653	0.75398	0.75102

PKH_122670	0.24085	0.29832	0.64934	0.6813	0.56279	0.45535	0.60071
PKH_081300	0.70947	0.53437	0.76719	0.89579	0.54075	0.5882	0.90617
PKH_030640	0.50725	0.50285	0.34017	0.1288	-0.0675	-0.1836	-0.3101
PKH_112790	0.21383	0.24358	0.26371	0.0768	-0.2486	-0.3887	-0.3552
PKH_113660	0.46895	0.20386	0.5636	0.98426	1.12796	1.13646	1.10837
PKH_081500	1.12454	1.15925	0.80803	0.76901	0.25187	0.02509	0.15946
PKH_120780	0.70225	0.60996	0.8911	0.84295	0.95979	0.83274	0.21541
PKH_101350	-0.2372	-0.4993	-0.7998	-0.8227	-0.3407	-0.4498	0.10216
PKH_021000	-0.0609	-0.0026	0.07746	0.19609	-0.1427	-0.1785	-0.1848
PKH_081030	0.94517	1.4169	1.72805	1.60004	1.08096	0.33375	-0.0679
PKH_143910	-0.2151	-0.4098	-0.3628	-0.4658	-0.3465	-0.5691	-0.1793
PKH_111660	0.65877	0.80378	0.57452	0.45455	0.16091	0.33521	0.51178
PKH_114610	-0.4819	-0.4957	-0.0992	0.08547	0.09876	0.11669	-0.0579
PKH_113780	0.13006	0.14727	0.17702	0.26433	-0.0205	-0.0247	-0.0513
PKH_132220	-0.346	-0.2073	-0.2784	-0.1115	-0.2368	-0.1141	-1.5905
PKH_102560	-0.4935	-0.4975	-0.584	-0.5135	-0.5448	-0.5235	-0.788
PKH_110460	0.04591	-0.0358	-0.1408	0.09957	0.40829	0.53908	0.64775
PKH_133340	-0.1882	-0.0335	-0.297	-0.1807	-0.2582	-0.1371	-1.456
PKH_040490	0.12378	0.00961	-0.2012	-0.0718	0.34191	0.78837	0.74263
PKH_011720	0.0197	0.13988	-0.2239	-0.984	-0.8494	-0.7986	-0.608
PKH_113430	0.2353	-0.0762	0.09477	0.15459	0.27925	0.29542	0.44901
PKH_102000	0.44153	0.66175	0.72439	1.01622	0.78227	0.65603	0.44062
PKH_114020	-0.186	-0.4834	-0.2735	-0.3036	-0.3483	-0.1123	-0.0865
PKH_011700	0.25937	0.06616	0.08726	-0.1749	0.31301	0.66751	1.34232
PKH_094280	-0.3304	-0.5849	-0.5253	0.05254	0.45535	1.06081	1.00567
PKH_111030	-0.1779	-0.0769	-0.3119	-0.3402	-0.2285	-0.1626	-0.2492
PKH_101230	0.80902	0.89772	0.7932	0.89155	0.63087	0.22429	0.32201
PKH_113500	-0.5582	-0.3863	-0.1906	-0.4823	-0.4355	-0.3317	0.04822
PKH_133210	0.32205	0.24305	0.25618	0.66683	1.01357	1.29097	1.37542
PKH_121880	-0.5154	-0.0004	0.23977	0.58873	0.24739	-0.9085	-0.2241
PKH_143490	0.1559	-0.0597	0.10249	0.10203	-0.0279	0.38401	0.50191
PKH_080330	-0.7873	-0.5288	-0.4167	-0.1729	-0.4504	-0.5861	-1.5586
PKH_133230	0.80808	0.88994	0.89865	0.58452	0.50783	0.27963	0.4003
PKH_020400	0.30894	0.11654	-0.2055	-0.2938	-0.7411	-1.0556	-1.2513
PKH_125690	0.37828	0.55773	0.9081	1.10422	0.77388	0.66512	0.47009
PKH_140480	0.37333	0.42911	0.36953	0.52921	0.28396	0.15177	0.50572
PKH_082960	-0.0512	-0.0337	-0.3022	-0.385	-0.6636	-0.7252	-0.2241
PKH_040230	0.54626	0.48593	0.3485	-0.021	0.2785	0.13672	0.38422
PKH_062020	-0.8288	-1.1304	-1.055	-0.6366	-0.1164	0.46643	0.66066
PKH_113620	-0.0364	-0.5171	-0.7172	-0.4824	0.26178	0.71974	1.08011
PKH_126290	-0.0984	0.01438	-0.0229	-0.0772	-0.1118	-0.0823	-0.0628
PKH_090090	-0.0917	-0.1673	-0.1965	-0.1227	-0.134	0.07018	-0.3663
PKH_126800	0.18714	0.21433	0.21227	0.43466	0.47282	0.62831	0.62533
PKH_122250	0.84637	1.45226	1.15791	1.69511	1.07659	0.6853	0.68722
PKH_110380	-0.0476	-0.1127	-0.0266	-0.2366	-0.2395	0.11488	0.45537
PKH_070390	0.41171	0.21336	0.06787	-0.0771	0.1366	-0.0972	-0.6124
PKH_101430	0.03253	-0.0094	0.17027	0.32878	0.00757	-0.1951	-0.1968
PKH_020930	-0.852	-0.5888	-0.6409	-0.3799	-0.4722	-0.7043	-0.9515
PKH_041370	-0.3617	0.23768	-0.2719	-0.3269	-0.411	-0.7782	-1.1851
PKH_124240	-0.1449	-0.0343	0.11176	0.42203	0.3588	0.13615	0.09176
PKH_113550	-0.0816	-0.4322	-0.1283	-0.2356	-0.3434	-0.1832	0.01403
PKH_020640	-1.198	-0.9688	-0.8266	-0.5501	-0.4866	-0.3777	-0.9547
PKH_125570	0.92129	0.89021	0.65982	0.60031	0.63564	0.43985	0.56407
PKH_143730	0.52951	0.69558	0.66035	0.70803	0.24941	0.41168	0.15399
PKH_130710	-1.3349	-1.3091	-1.5621	-1.1496	-1.3154	-1.464	-2.9295
PKH_061150	0.05639	0.08358	-0.2539	-0.0885	-0.4809	-0.202	-1.6494
PKH_060260	1.0275	1.19962	1.34629	1.04968	0.678	0.63711	0.98211
PKH_101220	-0.3035	-0.1443	-0.3828	-0.6718	-0.5877	-0.7399	-1.046
PKH_030930	-0.2165	-0.2716	0.42459	0.40271	0.46318	0.27523	-0.1897
PKH_144560	0.08779	-0.0911	-0.0877	0.21414	0.07862	-0.0304	-0.2466
PKH_131400	-0.6491	-0.5028	-0.6535	-0.4396	-0.1548	-0.1123	-0.2714
PKH_122000	-0.1901	-0.0488	-0.1637	-0.3505	-0.5196	-0.6441	-0.2695
PKH_126870	0.08159	0.20285	0.27991	0.72777	0.52912	0.36241	-0.101

PKH_081980	-0.6571	-0.8561	-1.0899	-0.5737	-1.0841	-1.1196	-1.1383
PKH_081230	0.26559	0.51447	0.29237	0.35678	0.33537	-0.1068	-0.0525
PKH_144690	-0.4616	-0.5866	-0.2742	-0.3247	-0.1658	-0.214	-0.3251
PKH_060780	-0.192	-0.1275	0.14624	0.27621	0.28571	0.3888	0.2654
PKH_145820	-0.6627	-0.6177	-0.4495	-0.3791	-0.3959	-0.3669	-0.4849
PKH_140410	0.60637	0.67556	0.7169	0.63596	0.56756	0.39461	0.67571
PKH_082880	0.71464	0.3637	-0.1346	-0.277	-0.6075	-0.2111	0.5498
PKH_132920	0.48115	0.75967	0.56369	0.3532	0.33864	0.19185	0.28015
PKH_021360	-0.2339	0.32291	-0.0774	0.23081	0.27931	-0.1293	-0.749
PKH_133000	-0.4871	-0.1025	0.29931	0.47673	0.67767	0.67135	0.71117
PKH_103110	0.64686	0.45147	-0.2286	-0.7919	-1.1085	-0.9461	-0.0748
PKH_145700	1.01232	0.8597	0.74387	0.78961	0.89697	0.74218	1.03054
PKH_070950	0.53288	0.63437	0.42651	0.42532	0.17703	0.19256	-0.9886
PKH_062170	0.11843	0.06487	-0.0796	-0.0943	0.1363	0.43681	0.50053
PKH_062120	0.11846	0.01634	0.08014	0.04389	0.0579	0.10897	-0.1104
PKH_080320	-0.0716	-0.065	0.035	-0.0497	-0.0219	0.10094	0.15486
PKH_112780	0.77956	0.75635	0.79937	0.46653	0.0997	-1.1429	-0.2037
PKH_041690	-0.0366	-0.0823	-0.0806	-0.2449	0.27336	0.56416	0.41232
PKH_010920	-0.8016	-0.6617	-0.7671	-0.8294	-0.8835	-0.7723	-1.2499
PKH_051230	1.10765	1.20397	1.05228	1.07492	0.69786	0.30137	-0.0468
PKH_114140	0.14722	0.084	0.26996	-0.1146	0.08125	0.25199	-0.0105
PKH_060920	-0.1509	-0.285	-0.2407	0.14371	-0.0186	0.46149	0.69335
PKH_051240	0.19671	0.04323	-0.0308	-0.0379	-0.2199	-0.146	0.44301
PKH_093860	0.61478	0.75032	0.86752	0.66528	0.57961	0.48032	0.48095
PKH_141410	0.44008	0.34803	0.522	0.39912	0.28567	0.22725	-0.0575
PKH_134230	-0.0278	-0.245	-0.0747	-0.0081	-0.0088	-0.097	-0.9438
PKH_071490	0.6698	0.80509	0.76546	0.52685	0.34219	0.3628	0.39632
PKH_091030	-0.4845	-1.021	-1.2018	-1.077	-0.6074	-0.2814	-0.2331
PKH_140310	0.10763	0.27148	0.60567	0.23379	-0.1724	-0.2471	-0.4039
PKH_112450	0.32679	0.29259	0.044	0.34562	0.16954	0.17692	-1.2787
PKH_050660	0.25708	0.47857	-0.2149	-0.1595	-0.482	-0.6586	-0.7688
PKH_081700	-0.1078	-0.035	-0.1859	0.26469	0.22889	0.50779	0.00078
PKH_120380	-0.7788	-0.9004	-1.0586	-1.1311	-1.2697	-1.2302	-1.4723
PKH_031430	-0.5519	-0.1761	-0.3243	-0.1616	-0.4498	-0.6045	-2.2948
PKH_060270	1.00132	0.51223	0.42166	0.25269	-0.1613	-0.0683	0.20023
PKH_072180	-0.7669	-0.9741	-0.8164	-0.4982	-0.1903	0.02186	-0.4087
PKH_113650	0.28987	0.36566	0.13538	0.31718	0.32661	0.28373	0.05407
PKH_083450	0.52633	0.70156	0.70248	0.74554	0.49323	0.48905	0.6648
PKH_131680	0.24026	0.13503	-0.6825	0.23971	0.34527	0.11456	0.16406
PKH_133800	-0.0796	0.08807	0.30405	0.23414	-0.0311	-0.1573	-0.3348
PKH_031900	0.04339	-0.1513	-0.4466	-0.7475	-0.6983	-0.5117	-0.0663
PKH_050740	-1.296	-1.3001	-1.2468	-1.1065	-1.1254	-1.4924	-3.2265
PKH_143690	-0.7258	-0.7238	0.06727	0.52759	0.69038	0.6357	0.23324
PKH_103150	0.33326	0.59566	0.43018	0.26687	0.2219	0.00375	0.06051
PKH_020070	-0.0984	-0.4037	-0.7143	-1.216	-1.2165	-0.5314	0.2981
PKH_081470	0.47098	0.51134	0.39726	0.07248	-0.5789	-0.6409	-0.0764
PKH_142890	0.44533	0.16553	0.0753	0.10287	0.37522	0.43192	0.96102
PKH_040540	0.19265	0.25245	0.03967	0.01055	-0.0393	-0.0614	0.2487
PKH_144910	0.17481	0.08876	0.22175	0.19199	0.08711	-0.0249	0.00078
PKH_031190	-0.7506	-0.9543	-0.9183	-1.5513	-0.6637	-0.9005	-0.9237
PKH_010100	-2.9537	-2.6354	-2.9688	-2.7378	-2.9142	-3.0246	-4.271
PKH_130270	-0.2247	-0.1338	0.31155	0.49559	0.68224	0.50461	0.33054
PKH_051160	-0.2915	-0.2182	-0.3449	0.19676	0.55711	0.6518	0.47408
PKH_122630	-1.0508	-1.0041	-0.5674	-0.3885	-0.3764	-0.434	-0.8968
PKH_041270	-1.2288	-0.6818	-0.6409	-0.2787	-0.5076	-0.2775	-1.6384
PKH_112340	0.16602	0.10032	0.26605	0.61892	0.45822	0.4339	0.35844
PKH_070003	0.51721	-0.0055	-0.3085	-0.2702	0.48033	0.98733	1.42524
PKH_143290	-0.0628	-0.1119	-0.0629	-0.099	-0.0575	-0.021	-0.0307
PKH_094370	0.48202	0.61229	0.88831	0.51213	0.34158	0.41129	0.86628
PKH_050200	-0.5797	-0.7715	-0.8763	-0.6565	0.01564	0.88515	0.94706
PKH_030890	0.1716	-0.0099	-0.2121	-0.4397	-0.2716	-0.4777	-0.9013
PKH_060560	-0.5504	-0.8597	-0.9797	-0.6709	-0.8027	-0.3445	-0.377
PKH_071280	-0.1584	0.04511	-0.0453	-0.1432	-0.5055	-0.394	-0.9778

PKH_081490	-0.8571	-1.291	-1.3207	-0.5758	0.1925	0.58435	0.44734
PKH_083410	-0.1221	-0.1781	-0.051	-0.0322	-0.097	-0.0829	-0.1507
PKH_144530	-0.989	-0.9918	-0.9703	-1.1264	-0.9273	-0.7392	-0.4751
PKH_141360	0.04957	0.46999	0.80369	1.45811	1.37106	1.05435	1.01012
PKH_110510	-0.367	-0.2994	-0.242	-0.4875	-0.2151	-0.2908	-0.1903
PKH_060120	-1.4243	-2.1635	-2.1716	-1.189	0	0.76278	0.55431
PKH_030870	-1.3258	-1.8824	-1.743	-1.023	0.4042	0.67475	0.39406
PKH_144580	0.21539	0.23614	0.22431	0.26595	0.27046	0.26811	0.54158
PKH_131890	-0.6467	-1.2835	-1.182	-0.2444	0.81258	1.16006	0.71749
PKH_061850	-0.1748	-0.548	-0.1428	-0.2123	-0.2368	-0.0892	-0.6602
PKH_142120	0.7335	0.57651	0.3814	0.32775	0.13582	0.09658	0.44303
PKH_134330	0.35199	0.46724	0.53751	1.03859	1.063	1.08302	1.26826
PKH_140140	0.18992	0.1354	-0.0938	-0.3854	-0.4323	-0.4156	-0.2101
PKH_051760	-0.8721	-0.5752	-0.8482	-0.6765	-0.5964	-0.4503	-0.6036
PKH_060140	-1.0796	-1.3879	-1.2806	-1.1742	-0.6129	-0.4178	-0.5044
PKH_052040	-0.7319	-0.474	-0.3694	-0.1514	-0.1267	-0.1381	-0.6741
PKH_030170	-0.529	-0.6504	-0.7418	-1.1979	-0.8099	-0.8281	-0.5204
PKH_073380	0.08169	-0.0547	-0.092	-0.1174	-0.1969	-0.143	0.37425
PKH_121420	-0.4428	-0.3492	-0.2099	-0.2768	-0.5866	-0.6239	-0.2692
PKH_125840	-0.2857	-0.4405	-0.3432	-0.516	-0.5138	-0.3358	-0.1874
PKH_124090	-0.1031	-0.0399	-0.094	-0.1241	-0.0319	0.10411	0.10597
PKH_134240	0.75004	0.64866	0.50581	0.43777	0.10457	0.43906	0.93888
PKH_140650	0.51268	0.61353	0.75299	0.69194	0.87375	0.59539	0.63595
PKH_072640	0.68794	0.36574	0.41798	0.35902	0.29601	0.55615	0.83213
PKH_071640	-0.5969	-0.7333	-0.7733	-0.5807	-0.1339	-0.0974	0.18517
PKH_124310	0.33241	0.62255	0.8605	1.13964	1.06933	1.18083	1.12333
PKH_122800	0.21424	-0.0858	0.00745	-0.1858	-0.3773	-0.4727	-0.2146
PKH_145430	-0.5653	-0.261	-0.6672	-0.7946	-0.7441	-1.2053	-1.5021
PKH_113610	-0.1883	-0.5361	-0.5326	-0.4912	-0.7302	-0.4463	-0.0668
PKH_145160	0.21751	0.39862	0.38729	0.14848	0.04784	-0.2582	-0.293
PKH_072510	-0.4388	-0.2796	-0.2859	-0.3206	-0.2904	-0.3547	-0.2666
PKH_141510	0.14183	0.48577	0.60778	0.53778	0.57263	0.65504	0.36234
PKH_134260	0.11976	0.08132	-0.09	0.1389	0.10591	0.0439	0.13739
PKH_080590	-1.4203	-1.2516	-1.0354	-1.0887	-0.8358	-0.6795	-0.6324
PKH_110860	0.26336	0.59707	0.46657	0.17991	0.24067	0.23511	-1.0614
PKH_091610	-0.5479	-0.826	-0.7939	-0.2593	0.32773	0.53365	0.34521
PKH_090040	0.27726	0.39322	0.3524	0.35217	0.2837	0.24023	0.2571
PKH_052670	0.13262	0.30125	0.11011	0.38728	0.00873	-0.1542	-0.4594
PKH_112270	0.42456	0.51516	0.47795	0.61945	0.35352	0.30364	0.58927
PKH_041130	0.62807	0.89819	0.94646	0.6122	0.12805	-0.0906	-0.1643
PKH_101580	0.45319	0.39553	0.07151	0.01082	0.13105	0.13941	0.20509
PKH_010810	-1.3574	-0.9378	-1.0818	-0.9697	-0.8999	-1.06	-1.6612
PKH_041070	-0.3806	0.21009	0.29398	0.592	-0.0497	-0.2832	-0.577
PKH_130820	-0.0797	-0.0718	0.09479	-0.3464	0.21431	0.0815	-0.7196
PKH_031830	-0.3889	-0.3156	-0.1122	0.24414	0.3859	0.32609	0.00263
PKH_133840	-0.1452	0.11452	0.11469	0.03355	0.42467	0.35132	0.44187
PKH_092590	-0.3332	-0.3295	-0.2011	-0.1159	-0.1621	-0.2873	-0.6185
PKH_090430	0.73267	0.432	0.40776	0.44913	0.39719	0.1537	0.30103
PKH_080840	0.17612	0.43335	0.03312	0.26787	-0.0948	-0.2014	-0.4551
PKH_082480	-0.8395	-0.8416	-0.9316	-1.3757	-1.1842	-1.0477	-1.0898
PKH_122140	-0.1357	0.03417	0.10442	0.09399	0.13163	0.09023	-0.043
PKH_145070	0.00713	-0.0178	0.12335	0.28864	0.25517	0.2444	0.03697
PKH_080900	0.05321	0.20989	0.06079	-0.0309	-0.4309	-0.7037	-1.1951
PKH_131940	-1.0451	-1.0681	-1.0474	-0.8427	-0.8871	-0.9755	-0.69
PKH_040395	0.65918	0.65071	0.66265	0.67269	0.51699	0.34179	0.23315
PKH_131980	0.30678	0.11057	0.12888	0.36325	0.27059	0.15692	-0.0154
PKH_020750	-0.5859	-0.5756	-0.5359	-0.8951	-0.8197	-0.8994	-1.2447
PKH_133090	0.56364	0.68011	0.58868	0.42537	0.34791	0.17516	0.2247
PKH_051660	-0.751	-0.4575	-0.5724	-0.4031	-0.5164	-0.6467	-2.4989
PKH_144600	-0.6321	-0.7131	-0.4643	-0.144	0.13721	0.52662	0.25138
PKH_081390	-0.0391	-0.0549	-0.0473	0.25229	0.0299	-0.0542	-1.3169
PKH_100340	0.59308	0.54835	0.25996	0.06801	-0.0195	0.11986	0.61866
PKH_052390	0.35092	0.23347	0.53211	0.89378	0.68871	0.34987	-0.2459

PKH_081510	-0.1202	-0.2523	-0.0846	-0.1567	0.10694	-0.0033	0.24266
PKH_101530	-0.5256	-0.6254	-0.5961	-0.5584	-0.2821	-0.1683	-0.1715
PKH_123870	0.60911	0.26764	-0.0008	-0.3621	-0.3015	-0.1791	0.00826
PKH_020340	-0.1391	-0.3492	-0.4869	-0.497	-0.5738	-0.5226	-0.9892
PKH_111340	0.92867	1.07651	0.81163	0.81835	0.82968	0.63158	0.49629
PKH_082760	0.27567	0.0008	0.20522	-0.0887	0.13864	0.08903	0.30726
PKH_113460	-0.3258	-0.513	-0.4098	-0.7289	-0.7794	-0.5676	-0.1577
PKH_123950	-0.6465	-0.4565	-0.1739	0.28206	0.28325	0.50881	0.45622
PKH_114220	-0.4914	-0.3084	-0.4464	-0.5162	-0.5161	-0.682	-0.7767
PKH_030470	-0.787	-0.6717	-0.7267	-0.6163	-0.6372	-0.7259	-1.169
PKH_146710	-0.1754	-0.5132	-0.4036	-0.3887	-0.3333	-0.3109	-0.3135
PKH_130970	-0.2767	-0.6278	-0.3422	-0.9363	-0.5861	-0.4886	-0.1965
PKH_110220	-0.222	-0.072	-0.1489	0.42281	-0.0297	0.0163	-0.31
PKH_041230	-1.3056	-1.286	-0.9412	-0.4438	-0.3075	0.0069	-0.2087
PKH_143160	0.01833	0.09165	-0.0039	-0.0904	0.07599	0.03281	-0.1368
PKH_144540	-1.525	-1.6706	-1.2599	-1.0197	-0.3494	-0.0397	-0.0501
PKH_146510	0.26237	0.50394	0.24138	0.15089	0.29915	0.35529	0.43679
PKH_010880	0.66159	0.77615	0.77404	0.62061	0.32096	0.14956	-0.1522
PKH_031565	0.56959	0.59183	0.25253	0.52347	0.22774	0.25118	0.73729
PKH_140920	-0.064	-0.1753	-0.2691	-0.7647	-0.5095	-0.1171	0.43866
PKH_080920	0.07116	0.13866	0.17112	0.38435	0.08808	-0.0167	-0.2594
PKH_131860	-0.5729	-0.704	-0.8769	-1.0672	-1.1306	-1.144	-1.206
PKH_111330	0.22301	-0.0436	-0.3909	-0.5246	-0.6449	-0.4292	0.15746
PKH_011460	-1.2819	-1.0353	-1.0083	-0.9938	-0.9425	-0.7992	-1.1044
PKH_040480	-0.8893	-0.588	-0.3597	0.02008	0.07088	0.12231	-0.4619
PKH_020100	1.8586	1.62408	1.1209	0.38894	0.67584	1.45573	1.85178
PKH_090080	0.52096	0.58647	0.39146	0.36371	0.33952	0.21669	0.04004
PKH_050540	0.10864	0.18741	0.36386	0.46122	0.40032	0.27014	0.76722
PKH_100630	0.23711	-0.4435	-0.848	-0.8019	0.44082	0.76608	1.05504
PKH_011530	0.80798	0.39938	0.67354	0.17978	-0.0549	-0.1919	0.15187
PKH_103120	-0.5722	-0.4362	-0.5089	-0.3606	-0.1803	-0.2266	-0.0669
PKH_000460	-0.1251	-0.2787	-0.2807	-0.1144	-0.1097	-0.0377	0.2487
PKH_142420	1.04901	1.29328	1.13889	1.1967	0.44604	0.03999	-0.3324
PKH_140810	0.80284	0.8147	0.40325	0.57331	0.52081	0.45706	0.80544
PKH_020600	-0.2261	0.2438	-0.1538	0.21519	-0.0221	-0.2868	-0.8121
PKH_102310	-0.3456	-0.2271	-0.1634	-0.2771	-0.3641	-0.3352	-0.5286
PKH_092920	-0.325	-0.3319	-0.298	-0.6523	-0.2858	-0.271	-0.0759
PKH_081180	0.83868	0.87807	1.05139	1.15718	1.04864	0.94508	0.64814
PKH_142740	0.53476	0.67054	0.40848	0.46078	0.52137	0.32726	0.05825
PKH_030300	-0.7785	-0.6358	-0.2899	-0.3842	-0.4165	-1.2438	-0.7812
PKH_020120	0.34514	0.25091	0.0993	0.13538	0.01256	-0.0909	0.04864
PKH_102650	0.35038	0.11642	0.17006	0.65209	0.69269	0.81846	0.57709
PKH_126650	-0.0823	-0.1689	-0.2904	-0.2733	-0.3004	-0.3019	-0.3023
PKH_072170	-0.3381	-0.5409	0.11452	0.02995	0.45477	0.44908	0.44778
PKH_141160	0.40582	0.43319	0.38817	0.18413	0.06886	-0.2916	-0.2905
PKH_140880	0.81527	0.90416	0.90022	0.71482	0.51743	0.32528	-1.0873
PKH_121690	0.37404	0.47792	-0.0585	0.29141	-0.1426	-0.3153	-0.2992
PKH_052690	-1.2143	-1.785	-1.874	-1.004	0.41789	0.68234	0.44401
PKH_140620	0.25162	0.10947	0.30594	0.04298	-0.0279	-0.0503	-0.0547
PKH_083690	-0.6077	-0.7105	-0.7947	-1.0737	-0.6076	-0.5243	-0.0922
PKH_021380	0.81313	0.78984	0.59144	0.12065	-0.0206	-0.028	0.63333
PKH_080010	-0.3643	-0.5543	-0.4162	-0.4644	-0.1956	-0.6444	-0.3173
PKH_090280	-0.5231	-0.7816	-0.9586	-1.0599	-1.0083	-0.0581	0.4861
PKH_144730	0.07814	0.06282	0.09128	-0.048	0.15769	0.12486	0.25216
PKH_061960	-0.2685	-0.2198	-0.3622	0.17734	-0.0951	0.01322	-1.5043
PKH_011390	-0.3828	-0.1005	-0.156	-0.1949	-0.0678	-0.2501	-0.9451
PKH_030480	-0.0398	-0.2426	-0.272	-0.2452	0.10411	0.1396	0.07491
PKH_124140	0.65441	0.44868	0.26374	0.36364	0.3454	0.33937	0.44879
PKH_040690	0.0046	-0.1149	-0.1086	-0.2691	-0.4207	-0.6578	-0.3169
PKH_072280	0.29941	0.16159	0.16703	0.33581	0.05128	-0.0702	0.19145
PKH_101340	0.0627	-0.144	-0.3379	-0.3328	-0.6031	-0.3998	0.03084
PKH_011150	-0.899	-1.0566	-1.0984	-1.0473	-0.477	-0.1775	-0.8311
PKH_072450	-0.566	-0.9003	-1.0144	-0.806	-0.3707	-0.5104	-0.2814

PKH_121400	-0.2014	-0.1064	-0.0637	-0.2084	-0.3114	-0.4116	-1.9868
PKH_132170	0.74378	0.77268	0.80774	0.86157	0.68733	0.60522	0.76933
PKH_126340	-0.3058	-0.1718	-0.2288	-0.1645	-0.2198	-0.219	-0.4863
PKH_141210	-0.7698	-0.6067	-0.2147	-0.1699	-0.125	-0.1182	-0.0438
PKH_051750	0.41063	0.79058	0.61165	0.59855	0.61802	0.49505	0.45708
PKH_094500	0.10836	-0.0268	-0.127	-0.1973	0.07143	-0.0189	-0.0393
PKH_145110	0.48612	0.27474	0.41026	0.06639	0.10503	0.12471	0.31936
PKH_083390	-0.2729	-0.0609	-0.0808	0.12936	0.07794	-0.0755	-0.5743
PKH_060150	-1.1859	-0.6215	0.00137	-0.0951	0.24424	0.19534	-0.2067
PKH_131780	0.30324	-0.3632	-1.1892	-1.7034	-1.1363	0.0593	1.28828
PKH_082790	-0.0782	-0.066	0.12451	0.04543	0	0.01083	-1.1914
PKH_091870	-0.477	-0.5576	-0.0686	0.16296	0.08938	0.23553	0.13708
PKH_143610	-0.0824	-0.1966	-0.3088	-0.0896	-0.1306	-0.1035	-0.1069
PKH_051990	0.09931	0.07504	-0.1039	-0.2012	-0.2087	-0.0379	0.07542
PKH_123660	0.69455	0.70664	0.54646	0.35906	0.32026	0.04292	0.25179
PKH_030310	-1.1716	-1.0466	-1.0854	-0.8576	-0.7914	-0.9703	-2.261
PKH_125040	0.31531	0.59784	0.7467	0.8525	0.75787	0.71792	0.97634
PKH_070900	-0.4149	-0.1131	0.21343	0.21761	0.47208	0.57701	0.67265
PKH_040730	-0.7421	-0.6456	-0.8471	-0.5083	-0.4817	-0.4264	-0.6165
PKH_132560	-0.0066	-0.048	-0.1814	-0.1669	0.15526	0.10373	0.08068
PKH_051440	-0.6165	-1.2133	-1.4306	-1.7781	-1.7179	-1.012	-0.1062
PKH_143440	0.50371	0.54201	0.62193	0.66477	0.59592	0.30819	0.23862
PKH_114200	-0.1065	0.37374	0.35258	0.37124	0.27185	0.07071	-0.0367
PKH_060190	0.00603	0.03718	0.10252	0.06427	0.08354	0.0613	0.37873
PKH_031080	-1.3328	-1.2414	-1.3151	-1.3752	-0.9733	-1.247	-1.9227
PKH_146410	0.12286	0.2528	-0.0335	-0.5027	-0.8053	-0.8469	-0.515
PKH_083640	-0.6523	-0.6466	-0.821	-0.4618	-0.6265	-0.72	-1.8669
PKH_121160	-0.254	-0.3472	-0.387	-0.4655	-0.3427	-0.4818	-0.6346
PKH_040870	-0.243	-0.21	0.0397	0.29051	0.54654	0.5849	0.44818
PKH_091840	-0.5975	-0.8521	-0.4315	0.16707	0.76513	1.04138	0.93618
PKH_111010	0.44358	0.56887	0.4302	0.7427	0.44813	0.47377	0.5433
PKH_050640	-0.7738	-0.5922	-0.6025	-0.4872	-0.5962	-0.7255	-1.0837
PKH_092580	-0.7331	-0.6109	-0.634	-0.2873	-0.4185	-0.4908	-0.9034
PKH_071410	-0.011	-0.0467	-0.2673	-0.3319	-0.3737	-0.5226	-0.5083
PKH_071350	0.12691	-0.0272	-0.0005	-0.2127	-0.2286	-0.4034	-0.344
PKH_112690	-0.3892	-0.2008	0.03085	0.03086	0.03448	-0.0455	-0.0936
PKH_123980	0.15617	-0.0693	0.10767	0.04604	0.28526	0.4443	0.30773
PKH_050990	-0.6208	-0.6099	-0.5411	-0.5355	-0.2687	0.07019	0.17526
PKH_091220	0.0212	-0.0166	0.02339	-0.1608	-0.0881	0.10847	-0.0702
PKH_070130	0.67493	0.81338	0.63138	0.7731	0.75502	0.61777	0.63102
PKH_093410	-0.1843	-0.1077	-0.1612	-0.1596	0.05323	0.16838	0.5076
PKH_060840	-0.0113	0.14046	0.30105	0.18626	0.11031	-0.1533	-0.0009
PKH_100820	-0.6732	-0.8986	-1.1519	-1.3823	-1.2884	-1.1695	-0.7918
PKH_126250	0.74081	0.5007	0.49848	0.56543	0.47151	0.43402	0.58284
PKH_010110	-0.3572	-0.1464	-0.3009	-0.479	-0.8722	-1.0583	-1.7298
PKH_092550	-0.3237	-0.275	-0.2592	-0.1758	-0.159	-0.2734	-0.8021
PKH_011580	-1.165	-1.2444	-1.2515	-1.3319	-0.835	-0.8576	-1.2872
PKH_091440	0.23175	0.12978	0.26126	0.14585	0.19379	0.19568	0.33452
PKH_146110	0.12348	0.18878	0.39727	0.25666	0.12338	0.05542	-1.213
PKH_146820	0.68664	0.69338	0.72664	1.02369	0.43927	0.43623	0.72782
PKH_061160	0.18161	0.01105	0.35159	0.29987	0.62383	0.4926	1.04222
PKH_031000	-0.5062	0.49043	0.44984	0.04762	0.20999	-0.0506	-0.7917
PKH_110560	0.20298	0.313	0.36531	0.39346	0.18939	-0.3174	-0.5983
PKH_143570	-1.2449	-1.2837	-1.1529	-1.1917	-0.7692	-0.2505	-0.103
PKH_101470	0.4542	0.51395	0.34395	0.62209	0.62804	0.26324	0.22325
PKH_143560	0.0263	-0.1527	-0.196	-0.1265	-0.5144	-0.0862	0.10618
PKH_041600	-1.0506	-1.1144	-1.2509	-1.1761	-1.2212	-1.1949	-1.4051
PKH_073100	-0.6452	-0.8671	-0.5793	-0.9	-0.8005	-0.5266	-0.5126
PKH_051250	0.34724	0.29758	0.15703	0.1154	0.17021	0.05098	-0.9608
PKH_111450	-0.5401	-0.9456	-0.4009	-0.5292	-0.5259	-0.6431	-2.0267
PKH_081810	0.07814	-0.0468	-0.0245	-0.0068	0.13895	-0.0877	0.1914
PKH_111270	-0.2417	-0.1974	-0.1953	-0.1832	-0.1502	-0.2171	-0.1703
PKH_052800	0.02489	-0.2433	-0.2235	-0.4849	-0.4527	-0.2414	0.11761

PKH_103220	0.76236	0.30133	-0.0955	-0.6772	-0.5522	0.14355	1.36183
PKH_122110	-0.5436	-0.6112	-0.7737	-0.9148	-1.147	-1.072	-0.8116
PKH_011420	-0.9722	-0.8167	-0.9201	-0.7578	-0.8822	-0.7643	-0.6681
PKH_124550	1.28567	1.23268	1.33109	1.6704	1.40234	1.20295	0.90471
PKH_082800	-0.0727	-0.0687	-0.1615	-0.2123	-0.3793	-0.4361	-0.2486
PKH_031700	-0.7931	-1.035	-0.8558	-0.8449	-0.9755	-0.9244	-1.3855
PKH_102540	-0.2017	-0.5274	-0.4013	-0.4301	0.18493	0.67591	1.43794
PKH_052370	0.17295	0.12797	-0.1067	0.15031	-0.1141	-0.2311	-0.6188
PKH_093580	-0.1641	-0.2608	-0.0078	0.33431	0.78769	1.14006	0.83674
PKH_131430	0.04018	0.1527	-0.078	0.11159	-0.1898	-0.1521	-0.079
PKH_142060	0.3151	0.29575	0.29317	0.24844	0.38592	0.36527	0.58503
PKH_103100	-0.5171	-0.5176	-0.5523	-0.2667	-0.0648	-0.2181	-0.4001
PKH_134450	0.43316	0.47822	0.18589	0.1603	-0.3228	-0.1565	0.0938
PKH_070290	-0.4155	-0.3125	0.08577	0.21265	0.17768	0.19532	0.20465
PKH_050210	-0.2333	-0.3742	-0.2383	-0.3226	-0.0696	0.13992	0.17367
PKH_141970	-0.4088	-0.5692	-0.2161	0.32097	0.7624	0.70211	0.98881
PKH_121000	-0.3188	-0.1079	-0.1187	-0.3574	-0.2968	-0.1854	-0.3243
PKH_130960	0.43898	0.82461	0.61266	0.61684	0.3127	0.13515	0.58962
PKH_121670	0.19358	-0.2103	-0.134	-0.2733	-0.169	-0.3334	-0.4475
PKH_143130	0.33995	0.37961	0.38683	0.40328	0.2963	-0.014	0.33248
PKH_083670	0.65949	0.65244	0.92622	0.9689	1.03022	0.89405	0.61075
PKH_050460	-0.4311	-0.2591	-0.3368	-0.2564	-0.4209	-0.433	-1.8616
PKH_146030	0.96747	1.12563	1.00312	1.11301	1.04961	0.54728	0.8679
PKH_040740	-1.1262	-1.1897	-1.3999	-1.2791	-1.4632	-1.3747	-1.7889
PKH_123740	-0.3136	-0.1972	-0.3771	-0.3196	-0.2535	-0.1095	-0.11
PKH_134010	-0.3728	-0.9131	-0.3791	0.48571	1.04332	1.40232	1.24412
PKH_122860	-0.0165	0.26764	0.43019	0.30497	0.31413	0.22492	-0.023
PKH_130310	-0.5194	-0.255	-0.2229	-0.1398	-0.1683	-0.3462	-0.614
PKH_060370	-0.4052	-0.276	-0.1912	-0.042	-0.0566	-0.0253	-0.121
PKH_041490	-0.5867	-0.3119	-0.295	-0.2656	-0.6652	-0.5742	-0.7638
PKH_140190	0.24404	0.12551	-0.0675	-0.4385	-0.3155	-0.1847	0.26478
PKH_050430	-0.6398	-0.752	-0.3878	-0.2658	-0.331	-0.282	-0.3288
PKH_130320	-0.3625	-0.3122	-0.3954	-0.1843	-0.2801	-0.2821	-0.243
PKH_144130	0.54491	0.34262	0.39465	0.25303	0.26908	-0.0025	0.31713
PKH_132020	0.17938	0.32644	0.39635	0.58788	0.57549	0.86802	1.20034
PKH_070580	-0.2027	-0.2826	0.09266	1.13436	1.32348	1.63268	1.30209
PKH_113030	0.21462	0.27024	0.05999	0.26206	0.17798	0.11385	0.08182
PKH_060910	-0.6035	-0.5238	-0.7999	-0.7731	-1.1024	-1.1567	-1.5409
PKH_040190	-0.3629	-0.3314	-0.4207	-0.3445	-0.2599	-0.4892	-0.8945
PKH_060180	0.4014	0.28056	0.17792	0.11086	0.27602	0.49467	0.22275
PKH_093870	-0.228	-0.0285	0.56502	1.12131	1.00485	0.91894	0.83011
PKH_100450	0.74759	0.76529	0.80164	0.87866	0.62523	0.43716	0.41459
PKH_122340	-1.2676	-0.7793	-0.4169	-0.2793	-0.5087	-0.3958	-0.6237
PKH_094380	0.4466	0.21993	0.38949	0.20737	0.22171	0.03039	0.16625
PKH_071130	-0.0588	-0.5422	-0.6276	-0.326	0.14157	0.81268	1.31888
PKH_133740	0.6974	0.62833	0.8862	0.77697	0.54276	0.46185	0.4087
PKH_020380	-0.3139	-0.3544	-0.4216	-1.0769	-0.623	-0.6826	-0.6981
PKH_130020	1.04446	0.94731	1.00518	0.6982	0.71272	0.63125	0.66135
PKH_060340	0.83109	0.85846	0.64491	0.59974	0.24199	0.07927	0.55065
PKH_132060	0.14027	0.18263	0.07495	0.34206	0.09084	0.02865	0.09517
PKH_102620	0.20078	0.18521	0.18344	0.18515	0.36585	0.43252	0.45708
PKH_144940	0.11738	0.52875	0.56714	1.18739	0.87639	0.54173	0.76419
PKH_021030	-0.2562	-0.274	-0.3276	-0.117	-0.2576	-0.3045	-0.5049
PKH_100910	-0.8635	-0.6587	-0.3948	-0.4685	-0.4262	-0.7182	-0.9255
PKH_126550	0.2875	0.15976	0.06084	-0.1229	-0.0676	-0.159	-0.5594
PKH_112020	-0.5224	-0.2413	-0.1655	-0.1585	-0.4419	-0.6781	-2.0767
PKH_113360	0.85145	0.60085	0.70426	0.70331	0.58982	0.49242	0.53847
PKH_094010	-0.6646	-0.774	-0.9869	-0.5238	-0.1992	0.13821	0.09347
PKH_140950	0.2925	0.40631	0.68927	0.37241	0.06698	0.43439	0.03482
PKH_030670	-0.6257	-0.9616	-1.0825	-1.2155	-0.8412	0.20169	0.27781
PKH_020030	0.1134	-0.2129	-0.9451	-0.737	-0.265	0.24507	0.56285
PKH_143330	-0.2215	-0.4119	-0.3341	-0.3779	-0.2016	-0.0136	0.0832
PKH_101080	0.52671	0.56399	0.50975	0.53249	0.5399	0.44467	0.49976

PKH_093260	0.51212	0.39765	0.27149	0.27503	0.36614	0.1742	-0.0865
PKH_030120	-0.206	0.05559	0.49664	0.62542	0.84139	0.58791	0.35671
PKH_020920	-0.5597	-0.7089	-0.5202	-0.0323	0.0471	0.24803	0.17061
PKH_122740	1.11486	1.27866	1.3112	1.43275	1.25812	0.86832	1.13866
PKH_091950	0.15204	0.06901	0.10759	0.23276	0.33031	0.07273	-0.2007
PKH_093680	0.1515	0.07929	0.04338	-0.2971	-0.1009	-0.0563	0.01093
PKH_082850	-0.1097	-0.3072	-0.5709	-0.3138	-0.5099	-0.4506	-0.4605
PKH_143230	0.2524	0.07463	0.17664	0.05128	-0.0759	0.00497	-1.2805
PKH_111510	0.52172	0.55514	0.42544	0.54664	0.37527	0.13715	0.02219
PKH_093550	-0.7283	-0.832	-0.8193	-0.7913	-0.6122	-0.5667	-0.7571
PKH_131280	0.23246	0.2069	0.01336	-0.1076	-0.041	-0.085	-0.0553
PKH_050390	0.73894	0.38804	0.2459	0.26165	0.17835	0.11383	0.49473
PKH_082540	-0.0351	-0.0197	0.02954	0.08374	-0.0559	-0.2335	-1.6484
PKH_021390	0.08047	-0.0126	0.08113	-0.0532	-0.0999	-0.0806	0.15239
PKH_121300	-0.0737	-0.0885	-0.1513	-0.0785	-0.0484	0.10714	0.22873
PKH_110800	-0.0071	-0.1044	-0.1698	-0.283	-0.328	-0.2969	-0.3325
PKH_021010	-1.0744	-0.8497	-1.0229	-1.2056	-1.2823	-1.1645	-1.8167
PKH_125920	0.26969	0.22856	0.29881	0.26994	0.29157	0.46476	0.39404
PKH_121930	0.06789	-0.0265	-0.1934	-0.1354	-0.2596	-0.3565	-0.1113
PKH_051580	0.25362	0.6797	0.46278	0.49922	0.14979	-0.1188	-0.6759
PKH_010400	-0.3949	-0.3552	-0.0374	0.16145	0.59424	0.59326	-0.2607
PKH_070460	-0.4037	-0.4079	-0.1747	0.23814	0.23291	0.35826	-0.1855
PKH_125500	0.05759	0.18421	0.25635	-0.008	0.0963	0.07203	-1.2388
PKH_142270	0.37099	0.24495	0.24809	0.18389	0.0506	-0.1185	-0.8151
PKH_050670	0.05242	0.15692	0.36063	-0.0344	0.05934	0.0104	-0.3993
PKH_132225	0.24844	0.04914	-0.0211	-0.3714	-0.1835	-0.2585	-0.0799
PKH_092690	0.56928	0.54325	0.25466	0.01513	-0.2132	-0.098	-0.0295
PKH_145140	0.28191	0.5476	0.57351	0.56148	0.62078	0.43939	0.41478
PKH_082060	-0.121	-0.2999	-0.1557	-0.2682	-0.2893	-0.2032	-0.1043
PKH_146050	-0.5061	-0.5397	-0.606	-0.4811	0.09703	0.12031	-0.0443
PKH_100040	0.14611	-0.093	-0.1713	-0.5073	-0.4723	-0.2012	0.46201
PKH_021320	-0.1839	0.15457	0.08115	0.46757	0.13017	-0.1404	-0.3176
PKH_121430	-0.208	-0.1246	-0.0005	0.05086	0.04538	-0.0419	-0.7305
PKH_011750	0.71325	0.81643	0.72397	0.14981	0.15118	0.3583	0.92577
PKH_122660	-0.2179	-0.305	-0.4325	-0.6052	-0.7715	-0.885	-0.5334
PKH_060050	0	0.12307	-0.3132	-1.0165	-1.2298	-1.7255	-2.8744
PKH_113790	0.40596	0.53976	0.69212	0.59954	0.36433	0.30457	0.16246
PKH_122590	0.13863	0.18117	0.11191	-0.0951	-0.0688	0.17896	0.38314
PKH_091510	-0.1629	-0.0972	0.10422	0.20568	-0.133	-0.0599	0.14412
PKH_123040	0.22504	0.43157	0.45147	0.31404	0.40995	0.45786	0.34881
PKH_114470	0.05739	0.11895	-0.3763	-0.0835	-0.2519	-0.472	-0.5324
PKH_080240	-0.0616	-0.0898	-0.3738	0.05763	-0.4094	-0.2782	-0.3175
PKH_112820	0.20881	0.82529	1.53275	0.96431	0.90137	1.12255	1.52862
PKH_040010	-0.271	-0.3644	-0.4409	-0.3501	-0.3199	-0.059	-0.0656
PKH_052620	-0.8852	-1.0694	-1.2509	-1.6063	-1.3955	-1.2232	-1.2826
PKH_113630	0.00235	-0.0922	-0.2392	0.00374	-0.1691	-0.1381	-1.3415
PKH_131010	0.38906	0.28645	0.48918	0.31684	0.40724	0.36291	0.20146
PKH_133650	-0.4645	-0.2139	0.19689	0.23453	0.23362	0.09122	0.01321
PKH_020820	-0.4314	-0.3889	-0.4837	-0.7462	-0.7232	-0.8544	-1.616
PKH_140360	0.02693	0.05252	0.16529	0.22715	0.15278	-0.005	-1.2453
PKH_093850	0.21771	0.14635	0.19215	0.24115	0.28478	0.13558	0.0018
PKH_113000	-0.586	-0.4018	-0.1517	-0.0469	-0.0794	-0.0833	-0.5121
PKH_052780	-0.1227	-0.3916	-0.6795	-1	-0.9493	-0.5754	0.11119
PKH_112920	0.47391	0.58893	0.71292	0.85942	0.43392	0.29403	0.14915
PKH_120250	0.72234	0.65387	0.45016	0.35587	0.05347	-0.0457	0.16904
PKH_127050	0.78513	-1.1947	0.26818	0.06334	0.09451	0.22422	0.58224
PKH_114260	1.04867	0.74172	0.63002	0.81123	0.33566	0.10296	0.25391
PKH_130110	0.4719	0.6118	0.66068	0.64091	0.63641	0.31683	0.33873
PKH_132270	0.82243	1.15493	1.16594	1.27079	0.81308	0.66856	0.80231
PKH_144950	-0.8027	-0.7335	-0.695	-0.0291	-0.5287	-0.5434	-0.2832
PKH_131060	0.85347	0.82363	0.96797	0.99778	0.50966	0.24121	0.0249
PKH_131480	0.4261	0.41752	0.29603	0.23456	0.18395	0.37642	0.5829
PKH_132140	0.05159	0.47622	0.57039	0.7247	0.81211	0.32895	-0.1021

PKH_000370	0.11026	-0.4186	0.14898	0.0332	-0.2534	-0.2243	-1.008
PKH_090700	0.59657	0.38456	0.75726	0.35845	0.38821	0.30309	0.73539
PKH_114790	0.30049	0.40755	0.55227	0.53887	0.50525	0.35625	0.16262
PKH_102830	0.66063	0.58642	0.73512	0.71006	0.47833	0.28907	0.04228
PKH_145010	0.30097	0.41686	0.26915	0.19528	-0.184	-0.2677	0.03783
PKH_141730	0.14788	0.16759	0.26403	0.21037	0.03846	-0.0063	-0.2655
PKH_090380	0.79673	0.97653	0.6699	0.288	0.12892	-0.2394	-0.2627
PKH_031510	-0.4503	-0.5377	-0.6983	-0.6223	-0.6514	-0.6865	-1.4912
PKH_102690	0.90464	0.72509	0.66271	0.43034	0.47373	0.34008	0.60123
PKH_011280	-2.5666	-2.2888	-2.439	-2.5298	-2.2987	-2.3768	-3.9675
PKH_100170	-0.6973	-0.4903	-0.1609	-0.3984	-0.5007	-0.1705	0.03529
PKH_101030	0.15665	0.20723	0.6983	0.66635	0.90874	0.98276	0.92696
PKH_111680	-0.2209	-0.189	-0.089	-0.1288	-0.2205	-0.2183	-0.6085
PKH_090010	0.54672	0.4341	0.10951	0.05062	-0.44	-0.5198	-0.0136
PKH_121040	1.22927	1.33543	1.11496	0.95478	0.89768	0.96487	1.04253
PKH_113830	-0.0199	-0.3603	-0.2185	-0.4281	-0.5444	-0.3984	-0.1972
PKH_081910	-0.3417	-0.379	-0.1321	-0.443	-0.478	-0.3496	-0.4409
PKH_060510	-0.3463	-0.4467	-0.3482	-0.431	-0.39	-0.2435	-0.1336
PKH_123610	-0.1492	-0.371	-0.5233	-0.7419	-0.3144	-0.2243	0.11664
PKH_144750	0.31753	0.54294	0.30741	0.01979	-0.2006	-0.1962	-0.1089
PKH_061280	0.38477	0.2071	0.09468	0.18321	0.35699	0.30511	0.21721
PKH_146590	-0.6292	-0.421	-0.4479	-0.2284	-0.3843	-0.473	-0.3773
PKH_090870	0.3364	0.61338	0.72673	0.83821	0.39177	0.08037	0.19857
PKH_132490	0.39606	0.36519	0.47512	0.58249	0.43233	0.05008	0.03351
PKH_146600	0.38041	0.18985	0.32387	0.09852	0.37394	0.26589	0.23079
PKH_113980	0.01575	-0.0848	-0.1406	-0.1111	-0.152	-0.1823	-0.4974
PKH_125390	0.35417	0.28018	0.11956	-0.0119	-0.036	0.19404	0.45661
PKH_031200	0.54499	0.75322	0.83087	-0.1476	0.37587	-0.1788	-0.7191
PKH_093180	0.11774	0.10951	0.05526	-0.0675	0.07426	-0.0444	0.03137
PKH_126330	0.31921	0.52425	0.44813	0.51467	0.3826	0.46403	0.17449
PKH_071520	-0.0527	0.12389	0.23769	0.20172	0.2374	0.28265	0.03958
PKH_112070	1.00157	0.98634	1.18899	0.99045	0.52888	0.36756	0.18251
PKH_052000	-1.0788	-0.7628	-0.5225	-0.4716	-0.0731	-0.2946	-0.6898
PKH_060860	0.10677	0.46155	0.52873	0.44835	0.15076	0.06488	-0.0021
PKH_100020	-0.4302	-0.7275	-1.0624	-0.7802	-0.5305	-0.3217	-0.4192
PKH_051830	-0.9766	-0.8588	-0.6942	-0.217	-0.1467	-0.0445	-0.6419
PKH_142250	0.61211	0.52618	0.43249	0.48962	0.64275	0.41823	0.79938
PKH_061910	-0.2483	0.00631	0.12428	0.19064	0.13617	-0.1199	-0.2576
PKH_000540	0.76192	0.3161	0.173	-0.1754	0.25693	0.64411	1.3317
PKH_126700	0.53713	0.41857	0.57384	0.52764	1.01166	1.00658	0.50905
PKH_113900	0.24399	0.61568	0.53004	0.60459	0.12061	0.03148	-0.2802
PKH_146440	0.19075	0.11363	0.28048	0.46824	0.17747	0.09345	0.37601
PKH_141120	0.74759	0.94899	0.82412	0.42022	0.99983	0.92082	0.39275
PKH_113330	0.79313	0.88965	1.16776	1.0408	0.7134	0.56257	0.70712
PKH_093940	-0.1258	-0.2318	-0.2377	-0.3515	-0.3129	-0.3962	-0.3268
PKH_000070	0.05677	-0.0628	0.05008	-0.119	-0.0398	-0.0305	-0.3486
PKH_112360	0.57147	0.59305	0.59285	0.54037	0.4102	0.21918	0.58064
PKH_121230	-0.2568	-0.2405	-0.5699	-0.6206	-0.5489	-0.5472	-0.3772
PKH_131140	1.12308	1.03241	0.97613	0.941	0.58056	0.31804	0.24615
PKH_141560	0.20169	0.08805	0.43988	0.27503	0.55997	0.27941	0.32594
PKH_101320	0.25828	0.19367	0.18174	0.4496	0.44577	0.45043	0.28538
PKH_102490	-0.5985	-0.5375	-0.2742	-0.1443	-0.5133	-0.3545	-0.4001
PKH_145460	-0.0391	0.16368	0.17236	0.16984	0.00439	0.20433	-0.0235
PKH_122360	0.31916	0.20796	0.18135	0.53732	0.84616	0.40102	0.44149
PKH_030800	0.06445	-0.2185	0.41147	0.96308	1.33963	1.43158	1.01084
PKH_093210	0.38709	0.37576	0.10459	-0.1578	-0.0861	0.18263	0.25634
PKH_146790	0.53603	0.35902	0.48374	0.2517	0.59637	0.67156	0.94164
PKH_144630	-0.6551	-0.6508	-0.7612	-1.1466	-0.568	-0.5559	-0.4298
PKH_082000	0.05763	0.48142	0.6843	0.88164	0.7256	0.74525	0.53464
PKH_130100	0.05052	0.01011	0.09258	-0.044	0.03237	0.05538	0.15615
PKH_071590	-0.2768	-0.5072	-0.7795	-0.5012	0.44616	0.62987	0.36398
PKH_021160	-1.2447	-0.9038	-1.2403	-1.3418	-1.3919	-1.5537	-1.8649
PKH_144960	-0.4893	-0.8766	-0.6252	-0.368	-0.2142	-0.2924	-0.291

PKH_110370	0.12297	-0.0964	-0.2126	-0.2765	-0.043	-0.2893	-0.6728
PKH_126280	0.81659	0.73081	0.89038	0.75186	0.33799	0.23262	0.08133
PKH_141940	0.21779	0.18845	0.2375	0.19886	0.08667	0.28298	0.4752
PKH_082150	-0.6903	-0.6552	-0.8527	-1.0592	-0.8112	-0.8475	-1.1577
PKH_052120	-1.4177	-1.1525	-1.3961	-1.0627	-1.0709	-1.1736	-2.6989
PKH_131330	1.57343	1.33838	1.09933	0.80674	0.48112	0.38313	0.89894
PKH_143370	-0.0742	-0.3218	-0.1322	-0.2932	0.05907	0.10309	0.24493
PKH_031810	-1.0595	-1.4375	-1.5863	-1.7424	-1.5805	-1.444	-1.1768
PKH_130580	-0.1063	0.55654	0.80015	1.16266	0.82522	0.55275	0.22171
PKH_020410	-1.9461	-1.78	-1.7629	-1.9472	-1.9134	-2.0271	-2.4899
PKH_030780	-1.7171	-1.7682	-1.6974	-1.6016	-1.5842	-1.6359	-3.4032
PKH_082830	-0.9698	-0.9417	-1.0972	-0.7404	-0.6886	-0.9758	-1.4375
PKH_071040	-0.4014	-0.1306	-1.0095	-0.1793	-0.3257	-0.257	-1.2392
PKH_051010	-1.3351	-1.1795	-1.0077	-0.8469	-0.4047	-0.3073	-0.891
PKH_146140	0.32506	0.10009	0.05048	-0.3195	-0.0775	-0.1138	0.1512
PKH_061440	0.55588	0.54412	0.59973	0.46615	0.49882	0.44656	0.34578
PKH_060110	-0.1271	0.08417	0.05967	-0.0501	-0.0682	-0.1922	-0.3809
PKH_111920	-0.6237	-0.7061	-0.5467	-0.9713	-0.7759	-0.6643	-0.5906
PKH_080600	-0.2943	-0.3769	-0.3367	-0.1295	0.3479	0.51861	0.66702
PKH_101140	-0.3786	-0.2894	-0.2495	-0.3755	-0.3228	-0.3352	-0.425
PKH_143400	0.32961	0.07918	0.11345	-0.216	-0.1493	-0.184	0.16981
PKH_040970	0.55418	0.69304	0.82244	0.64544	0.33859	0.58714	0.20543
PKH_113140	0.05841	-0.0073	0.10622	0.23348	0.27928	0.69378	0.7817
PKH_110960	0.45553	0.62334	0.63685	0.62498	0.59079	0.38113	0.21457
PKH_052560	0.20447	0.11955	0.20591	0.11868	-0.1872	-0.2036	-0.2679
PKH_142790	0.60699	0.52922	0.39892	0.23857	0.03559	-0.2339	-1.2353
PKH_040320	-0.8991	-0.9009	-0.2853	-0.0507	0.3617	0.43015	0.15128
PKH_040250	-0.1398	-0.2115	-0.2969	-0.34	-0.3539	-0.6455	-0.7694
PKH_062290	-0.9738	-0.8507	-1.0966	-0.5787	-0.3991	-0.3566	-0.5319
PKH_073000	-0.3334	-0.407	-0.4155	-0.5925	-0.5297	-0.431	-0.4264
PKH_124480	-0.4433	-0.4619	-0.4871	-0.6463	-0.7263	-0.4358	-0.0505
PKH_112700	0.13243	0	-0.0196	0.00993	-0.0568	0.05519	0.26427
PKH_040670	0.23775	0.19015	0.11142	0.19016	0.22826	0.20179	0.4131
PKH_070680	-0.5974	-0.6894	-0.7551	-1.0039	-0.8473	-0.8857	-0.5093
PKH_050030	-0.0896	-0.4841	-0.3277	-0.1115	-0.2619	-0.2368	-1.572
PKH_031500	-1.3659	-1.4621	-1.4147	-1.3407	-1.2513	-1.3875	-1.7675
PKH_052680	-0.0772	-0.1755	0.03574	-0.0336	0.44793	0.16018	0.40565
PKH_141700	0.28014	0.25888	0.29735	0.11258	-0.2186	-0.2567	0.00524
PKH_134480	0.11396	0.4156	0.31542	0.4879	0.59853	0.62742	0.66778
PKH_123370	-0.1967	-0.1765	-0.0084	-0.2158	-0.0474	-0.0894	0.09672
PKH_143960	-0.1217	-0.372	0.10511	0.28928	0.52723	0.76697	0.85755
PKH_041010	-0.7127	-0.7256	-0.6289	-0.7188	-0.6067	-0.4615	-0.3312
PKH_131600	-0.2308	-0.1758	0.42191	0.62588	0.55262	0.5817	0.26532
PKH_083050	0.46481	0.56651	0.43262	0.36941	0.44834	0.33336	0.50414
PKH_121360	-0.454	-0.1641	-0.9051	-0.2848	-0.6875	-0.1193	-1.213
PKH_140180	0.8904	0.98451	1.03125	1.1861	0.75834	0.67615	0.67557
PKH_126390	-0.4617	-0.1637	-0.2	0.04504	0.126	0.04154	-0.2145
PKH_111690	0.57554	0.31123	0.31189	0.20297	-0.0343	0.24213	0.64022
PKH_126370	0.08765	0.22859	0.37703	0.07884	0.11378	0.17153	-0.1469
PKH_031440	-0.2813	0.04905	-0.0765	-0.0328	-0.1101	-0.1803	-0.7853
PKH_050630	-0.6431	-0.3683	0.0885	0.27517	0.33994	0.30208	-0.0387
PKH_114480	-0.216	-0.1185	-0.0061	-0.0722	-0.3444	-0.1791	0.23294
PKH_132360	0.077	-0.0774	-0.178	-0.0503	0.05937	-0.0796	-0.0501
PKH_110810	0.24434	0.28497	0.11204	0.03769	-0.0044	-0.2978	-0.432
PKH_131380	0.90617	0.78926	0.92704	0.73803	0.89525	0.69779	0.84725
PKH_100960	-1.6225	-2.329	-1.299	-1.1608	-0.6842	-0.2341	-0.0355
PKH_081740	1.26627	1.32478	1.22661	1.14658	0.82046	0.7889	1.1484
PKH_072000	-0.2261	-0.2534	-0.1791	-0.1706	-0.2235	-0.3057	-0.4812
PKH_060500	-0.8341	-0.6499	-0.4932	-0.4572	-0.4042	-0.423	-0.668
PKH_011000	-1.0376	-1.1719	-1.4052	-1.5278	-1.1092	-0.408	-0.8219
PKH_143360	-0.3084	-0.3803	-0.4082	-0.4179	-0.6456	-0.4557	-0.0952
PKH_134520	-0.0032	-0.0217	0.02029	0.04692	0.16208	0.59588	0.27176
PKH_122500	0.22001	0.38855	0.2805	0.81718	0.92249	1.09806	0.71237

PKH_070870	0.23414	0.19586	0.26674	-0.0124	0.15319	0.16671	0.08069
PKH_040530	-0.695	-0.6635	-0.4904	-1.2242	-0.7473	-0.0066	0.20496
PKH_146150	-0.0771	-0.2363	-0.0536	-0.3988	-0.3663	-0.3369	0.00071
PKH_145550	0.4168	0.60221	0.90758	1.17356	0.71923	0.69689	0.9073
PKH_031550	-0.4653	-0.3864	-0.2576	-0.204	-0.463	-0.4941	-1.8952
PKH_083290	-0.4084	-0.4322	-0.7839	-1.2034	-1.1832	-1.3726	-0.9498
PKH_140670	0.4183	0.33039	0.34926	0.23874	0.40164	0.26911	0.42224
PKH_052570	0.00413	-0.5286	-0.8482	-1.0045	-1.1275	-0.4638	0.27949
PKH_000380	0.10391	0.02553	0.14045	0.1356	0.23497	0.49384	0.38103
PKH_072130	0.46143	0.52823	0.41961	0.0995	0.0322	-0.0573	-0.1709
PKH_071780	-0.6715	-0.5455	-0.7589	-0.5108	-0.6102	-0.4892	-2.1868
PKH_070750	-0.4643	-0.2959	-0.3175	-0.1272	-0.2769	-0.4581	-0.1817
PKH_145480	-0.0187	0.15226	0.02214	0.13607	0.20736	0.0961	-1.1989
PKH_060060	-0.8724	-1.6198	-1.8473	-2.6146	-1.7494	-0.5574	0.55824
PKH_021040	-0.8517	-0.6208	-0.7615	-0.7335	-0.6342	-0.7978	-1.8371
PKH_011040	-0.9211	-0.7271	-1.034	-0.8971	-0.3551	-0.3213	-0.86
PKH_102160	-0.1994	-0.4182	-0.4661	-1.3435	-0.5722	-0.51	-0.6083
PKH_061570	-1.2214	-1.2858	-1.2194	-0.7762	-0.2133	0.1338	-0.0241
PKH_125220	-0.1116	-0.2062	-0.2011	0.34807	0.53924	0.61323	0.54105
PKH_122260	-0.4556	-0.2578	-0.1947	-0.157	-0.2706	-0.4206	-0.3068
PKH_031930	-0.436	-0.5866	-0.7135	-0.8193	-0.6959	-0.7322	-0.3665
PKH_081520	0.05047	-0.0389	-0.2937	-0.4636	-0.7248	-0.3734	-0.1627
PKH_144100	0.64084	0.44125	0.53979	0.21828	-0.103	-0.1788	0.56142
PKH_131310	0.33883	-0.2964	-0.1604	0.4452	1.06968	1.18286	1.40058
PKH_101770	-0.2048	-0.1776	-0.1119	-0.2754	-0.3638	-0.2483	-0.3485
PKH_143100	0.80006	0.91696	0.68822	0.59809	0.40062	0.40303	0.94567
PKH_145740	0.42586	0.46379	0.50346	0.41372	0.36536	0.42409	0.63244
PKH_090570	-0.3432	-0.2796	0.08081	-0.069	-0.1889	-0.1509	-0.0544
PKH_030560	0.00546	0.12988	0.17574	0.02994	-0.0881	0.00883	0.08877
PKH_120440	-1.2195	-1.2042	-0.6122	-0.5753	-0.6171	-0.4519	-1.0552
PKH_114700	-0.9916	-1.0587	-1.0332	-0.9977	-1.0931	-0.9306	-0.7863
PKH_070850	-0.0351	-0.4291	-0.35	-0.2607	0.52784	1.12927	1.50201
PKH_000580	-0.6399	-0.468	-0.7891	-0.3569	-1.0264	-0.467	-0.9472
PKH_061260	0.96182	0.96918	0.97251	0.95838	0.40632	0.37634	1.13226
PKH_020660	0.04604	0.38569	0.55801	0.67383	0.46596	0.23553	-0.1781
PKH_121210	0.75593	0.72055	0.86572	0.90065	0.51941	0.25997	0.13706
PKH_121270	-0.1471	-0.1609	-0.2941	-0.1145	-0.1379	-0.1024	-0.1836
PKH_145580	0.34062	0.08163	0.10046	-0.007	-0.1005	-0.1108	0.2243
PKH_040790	-0.3184	-0.573	-0.6741	-0.7469	-0.9433	-0.675	-0.4421
PKH_092630	0.28583	0.7272	1.02682	0.95848	0.71024	0.38045	0.1673
PKH_020810	-1.1796	-1.183	-0.8197	-1.1031	-0.1299	-0.2075	-0.4174
PKH_092700	0.51828	0.39309	0.52203	0.63307	0.6346	0.60781	0.1946
PKH_120910	-0.5348	-0.3391	-0.267	-0.0348	-0.132	0.03087	-0.1125
PKH_052480	-0.6366	-1.0666	-1.3824	-1.3928	-0.8069	0.29096	0.55538
PKH_081990	-0.3264	0.09091	0.20006	0.48176	0.06835	-0.373	-0.764
PKH_030430	0.85622	1.44942	1.2315	1.28308	0.67574	0.48909	-0.1005
PKH_031160	-0.0498	-0.1158	0.25044	-0.3883	0.66455	0.38503	-0.1287
PKH_131160	0.32786	0.22509	0.42497	0.37215	0.263	0.04416	-0.3514
PKH_123340	0.17976	0.16145	0.3421	0.25184	0.36487	0.61203	0.64212
PKH_132820	0.24751	0.23989	0.34673	0.3337	0.82781	0.76163	1.14223
PKH_030700	-1.1827	-1.1671	-0.8296	-0.6027	0.08314	0.15601	-0.4903
PKH_131170	0.09904	0.09382	0.11882	0.04616	0.03127	-0.1815	-0.1812
PKH_125430	-0.7479	-1.2578	-1.2752	-0.2165	0.54877	0.95795	0.89166
PKH_031490	0.16266	0.25195	0.49922	0.41689	0.19677	0.20785	0.04858
PKH_071800	0.76108	0.51429	0.54896	0.03454	-0.3534	-0.3754	-0.2852
PKH_071340	0.14175	0.45247	0.61859	0.32974	0.20395	0.0629	-0.1266
PKH_144120	-0.6587	-0.1618	0.17576	0.6279	0.52758	0.43755	-0.0962
PKH_142130	0.52894	0.41148	0.65977	0.8444	1.08871	1.13106	1.46455
PKH_111720	0.26454	0.34185	0.52384	0.61114	0.28633	0.31696	0.1915
PKH_113490	-0.5366	-0.7155	-0.4211	-0.0973	0.22233	0.51331	0.39407
PKH_070300	-0.1145	-0.2657	-0.2254	-0.1372	-0.3917	-0.3462	-0.2621
PKH_080580	-0.1897	-0.1416	-0.1153	0.00453	-0.1978	-0.0524	-1.4296
PKH_070180	0.89938	0.65844	0.58072	0.68514	0.47238	0.75566	0.95934

PKH_030020	-0.6196	-0.3706	0.20435	0.41941	0.53866	0.68494	0.1518
PKH_010770	0.76841	0.7726	0.91599	0.42093	0.51329	0.32398	0.1981
PKH_132540	0.60118	0.23873	0.12354	0.01377	-0.1639	-0.2692	-0.1606
PKH_102040	0.30917	0.35337	-0.2392	-0.4114	-0.1968	-0.3658	-0.0926
PKH_143920	-1.2571	-1.6692	-1.6013	-0.9399	-0.1409	0.42808	0.55553
PKH_091650	0.52313	0.48189	0.35923	0.16182	-0.0715	-0.056	0.23289
PKH_083330	0.15245	0.42372	0.49505	0.71472	0.31203	-0.087	-0.6733
PKH_143430	0.90225	0.67833	0.58829	0.34351	0.52152	0.70837	0.92281
PKH_080130	0.61799	0.65285	0.59185	0.58678	0.53448	0.31061	0.21449
PKH_092290	0.09915	0.14151	-0.1303	-0.0092	-0.2132	-0.3554	-1.8862
PKH_093650	0.59115	0.36254	0.12445	0.11306	0.56261	0.86171	1.30836
PKH_094490	0.41403	0.7143	0.71306	0.70729	0.24314	0.0736	0.1705
PKH_101050	-0.0562	-0.105	-0.1066	-0.1308	-0.27	-0.2024	-0.2186
PKH_113290	-0.4107	-0.3235	-0.1813	0.09414	0.34466	0.48032	0.54017
PKH_100110	-0.001	-0.2275	0.06831	0.77448	0.92352	1.24044	1.48533
PKH_081590	0.35004	0.23938	0.19673	0.03183	-0.1266	0.06737	0.77132
PKH_080930	0.26922	0.33026	0.60838	0.69075	0.89722	0.73547	0.32821
PKH_131950	0.10899	-0.1063	0.08543	0.20291	0.45269	0.73728	0.96436
PKH_124720	1.19124	1.52817	1.41859	1.39787	0.87752	0.74508	1.07833
PKH_120950	-0.2751	-0.3917	-0.2464	-0.2235	-0.3259	-0.2492	-0.2136
PKH_124930	0.14842	0.00809	-0.235	-0.3922	-0.4849	-0.7068	-0.7238
PKH_112950	-0.1073	-0.1977	-0.1966	-0.2164	-0.0717	-0.0805	-0.3848
PKH_082990	0.62858	0.51539	0.01077	-0.0185	-0.0185	-0.3332	-0.5443
PKH_050920	-0.623	-0.6331	-0.6823	-0.982	-0.5409	-0.5036	-0.7101
PKH_146190	0.62232	0.64728	0.66627	0.61742	0.79007	0.41092	0.8288
PKH_072300	-0.3272	-0.9639	-1.6659	-2.5205	-2.4332	-1.6996	-0.9309
PKH_101870	-0.7303	-0.5353	-0.4136	-0.6239	-0.6624	-0.565	-0.5111
PKH_121890	-0.2875	-0.1959	-0.1605	0.03514	-0.1222	-0.021	-1.3409
PKH_113890	-0.0416	0.04585	-0.2148	-0.4333	-0.5307	-0.5326	-0.2118
PKH_061800	0.43842	0.28574	0.18635	-0.0912	0.19473	0.14406	0.36082
PKH_120390	-0.1198	-0.1067	-0.0476	0.05286	-0.1952	-0.3808	-0.7569
PKH_144020	0.10807	0.01453	0.0422	-0.0201	-0.0246	-0.0219	-0.3949
PKH_140300	0.19829	0.3359	0.11911	0.09533	-0.1759	-0.448	-0.2191
PKH_102430	-0.0891	0.34161	-0.1981	0.01132	-0.0412	-0.0093	-0.3831
PKH_040800	0.59472	0.81469	0.39153	0.32111	0.01346	-0.3739	-0.8215
PKH_011252	-2.2161	-2.1598	-2.5754	-2.4225	-2.0416	-2.2046	-3.6244
PKH_040200	-0.3088	0.11151	-0.2135	-0.3186	-0.0843	-0.2227	-0.7222
PKH_091200	-0.1452	-0.0672	-0.2003	0.12008	0.35051	0.45691	0.21143
PKH_081640	-0.4724	-0.5987	-0.4926	-0.7128	-0.463	-0.3469	-0.1689
PKH_020520	0.41991	0.66952	0.60217	0.47399	0.23485	-0.129	0.1213
PKH_082590	-0.2821	-0.2042	0.12451	0.05025	-0.0621	0.12938	-0.0562
PKH_091910	0.31947	0.41844	0.21034	0.3088	0.22643	-0.1754	-0.4494
PKH_030530	-0.1083	-0.1233	-0.6343	-0.3729	-0.2747	-0.3642	-1.719
PKH_122610	0.02368	-0.0247	-0.1246	0.0924	-0.0687	-0.1197	0.16193
PKH_083590	0.22567	0.20536	-0.0123	0.0194	0.17	-0.0856	-0.1376
PKH_143460	0.61493	0.57062	0.52557	0.29008	0.32328	0.50585	0.7035
PKH_143680	-0.1317	-0.2437	0.10183	0.1814	0.16805	-0.0044	-1.2233
PKH_093590	0.53457	0.60684	0.65126	0.7432	0.24295	0.14547	0.26586
PKH_103010	0.43453	0.04685	-0.0478	0.08807	0.64543	1.00292	1.04624
PKH_143860	0.50097	0.35703	0.18554	0.20809	0.19949	0.18915	0.35093
PKH_020780	-0.5432	-0.4689	-0.4908	-0.3934	-0.5061	-0.4919	-0.8604
PKH_111260	-0.2864	-0.0907	-0.2837	-0.3194	0.07807	-0.1082	0.05744
PKH_141660	0.99223	1.07078	1.09755	1.16925	0.53876	0.27491	0.1589
PKH_092470	-0.0717	-0.2338	-0.4304	-0.4765	-0.5108	0.18658	0.52726
PKH_102580	0.07432	0.0146	0.05758	-0.203	-0.0642	-0.0362	0.04656
PKH_130300	0.21186	0.29175	0.49874	0.37468	0.3114	0.31411	0.21073
PKH_134060	0.77032	0.55169	0.66829	0.62859	0.67908	0.5693	0.8552
PKH_124600	0.46004	0.18403	-0.1086	-0.1272	-0.1711	0.27983	0.83888
PKH_114660	0.26456	0.30258	0.42643	0.43052	0.17365	-0.0056	0.13263
PKH_133870	0.13987	0.03405	0.14161	0.31967	0.35675	0.39631	0.3018
PKH_124070	-0.291	-0.3276	-0.4466	-0.6287	-0.7393	-0.6224	-0.666
PKH_121940	0.35892	0.26583	0.31465	0.04203	0.08296	-0.1288	-0.1745
PKH_131500	0.62401	0.68608	0.69976	0.5249	0.35735	0.17548	0.2133

PKH_112830	-1.1292	-0.6605	-0.4523	-0.7329	-0.2409	0.05474	0.15002
PKH_113860	0.95179	0.88819	0.67099	0.41949	0.49791	0.21949	0.01547
PKH_126210	0.04774	0.02507	0.07344	0.01499	0.11644	0.17084	0.19567
PKH_030250	-0.1334	-0.0413	-0.09	-0.3415	-0.289	-0.3013	-0.7394
PKH_134040	0.7498	0.78858	0.68633	0.46696	0.73968	0.59623	0.54709
PKH_081530	-0.2086	-0.5542	-0.7907	-1.0165	-1.2024	-0.7161	-0.1228
PKH_102700	0.44774	0.47928	0.46273	0.41807	0.23502	0.34686	0.07117
PKH_123960	0.18698	-0.0886	-0.0547	-0.0731	0.0093	0.04437	0.07786
PKH_111310	1.01744	0.83925	0.54928	0.3035	0.13714	0.11812	0.46798
PKH_114040	0.43015	0.37366	0.01127	-0.3805	-0.8628	-1.1558	-1.0934
PKH_041620	-0.1318	-0.1248	-0.2489	-0.1778	-0.1008	-0.0986	-0.5556
PKH_083630	0.00335	0.23438	0.00388	0.0218	0.11482	-0.077	-0.171
PKH_130900	0.27093	0.26406	0.57587	0.59806	0.74037	0.70429	0.35744
PKH_020560	-1.2347	-0.6852	-0.7602	-1.1718	-0.5044	-0.8746	-1.2766
PKH_142310	0.65004	0.48257	0.53716	0.57303	0.63822	0.36817	0.37937
PKH_081580	-0.3072	0.21896	0.71544	0.5782	0.65005	0.38569	-0.1891
PKH_062180	-0.1338	-0.3058	-0.0769	-0.0185	0.00103	0.0664	0.32042
PKH_143220	0.78313	1.1742	1.21687	1.20231	0.91593	0.70182	0.71963
PKH_051670	-0.0714	-0.2128	-0.2553	-0.4831	0.06122	0.23342	-0.7346
PKH_122030	-0.5504	-0.0151	-0.2348	-0.3859	-0.3279	-0.434	-0.6669
PKH_020270	-0.8255	-1.2862	-1.0541	-0.9384	-1.0169	-0.9383	-0.3963
PKH_145990	0.38666	0.31867	0.28356	0.21109	0.38301	0.34236	0.51504
PKH_145540	0.60223	0.18756	0.42187	1.00516	1.80088	1.90435	1.90768
PKH_144760	-0.2896	-0.7148	-0.4296	-0.6362	-0.3497	-0.2382	-0.1032
PKH_093950	-0.9447	-1.0963	-1.1556	-1.2012	-0.9056	-0.6709	-1.037
PKH_041280	0.37451	0.42504	0.41499	0.22661	-0.0171	-0.1229	-0.2408
PKH_145650	-0.4863	-0.2955	-0.2112	-0.4053	-0.5601	-0.7368	-0.574
PKH_092360	-0.1241	-0.0016	-0.1456	-0.1964	-0.2635	-0.2086	-0.8472
PKH_061990	-0.067	-0.1974	0.01443	-0.1956	-0.2874	-0.2414	-0.3369
PKH_093330	0.48624	0.59021	0.45973	0.22031	0.24323	0.20218	0.37699
PKH_122230	0.78927	0.82903	1.11989	1.3558	1.24615	0.76448	0.69718
PKH_061670	0.47066	0.78054	0.94805	0.9626	0.57795	0.36622	0.22198
PKH_090190	-0.4136	-0.2967	-0.4367	-0.5296	-0.6518	-0.7479	-0.5863
PKH_091290	-0.3117	-0.1814	-0.3306	-0.4447	-0.3418	-0.6423	-0.7847
PKH_083660	0.62124	0.62862	0.65422	0.80122	0.83206	0.30369	0.06491
PKH_142820	0.18468	0.17553	-0.1188	-0.3754	0.05473	-0.1863	-0.6884
PKH_091660	1.09359	1.11834	1.0847	0.99353	0.60038	0.63728	1.08146
PKH_041000	0.93733	1.08988	0.91378	0.66261	0.51244	0.56086	0.95001
PKH_145470	-0.9453	-1.0352	-0.9879	-1.6161	-0.9645	-0.6107	-0.3158
PKH_021060	-0.8162	-0.4129	-0.3858	-0.6155	-0.6056	-0.9013	-1.4611
PKH_050560	0.07224	0.13567	-0.1527	-0.0424	-0.2278	-0.2489	-0.3298
PKH_120480	0.683	0.72474	0.80817	0.93487	0.39339	0.48352	0.54196
PKH_083090	-0.1032	-0.2019	0.314	0.76292	0.69857	0.41205	-0.2759
PKH_112730	-0.0208	-0.0672	-0.1957	-0.1623	-0.131	-0.1398	0.23541
PKH_060420	-0.6892	-0.5168	-0.4996	-0.6546	-0.6965	-0.8886	-1.0629
PKH_125290	-0.0252	-0.1148	-0.2373	-0.4081	-0.3803	-0.388	-0.8211
PKH_100280	0.39727	0.19556	0.28868	0.24855	0.23363	0.12166	-0.0817
PKH_010490	0.27531	-0.1175	0.11218	-0.27	0.21597	0.15471	0.13649
PKH_145510	0.25239	0.25383	0.12658	0.12995	0.18202	0.22844	0.40965
PKH_070080	-0.3838	-0.8735	-0.377	0.13927	0.57019	0.62603	0.76706
PKH_124900	0.52836	0.59912	0.48404	0.6978	0.6926	0.33335	0.72588
PKH_126180	-1.0464	-1.2351	-0.8088	0.04765	0.46899	0.77255	0.37273
PKH_132840	0.14426	0.15267	0.05618	-0.1047	-0.2395	-0.3614	-0.3312
PKH_040170	-1.2016	-1.3201	-1.433	-1.6399	-1.2922	-1.4604	-1.3352
PKH_030450	-0.3811	-0.4281	-0.2825	-0.1127	-0.1127	-0.2727	-0.3367
PKH_102200	0.03011	0.13013	0.13954	0.00872	-0.1589	-0.2511	-0.1721
PKH_112220	0.58161	0.43894	0.47948	0.2058	0.69264	0.80392	0.83999
PKH_142160	-0.2735	-0.5353	-0.6238	-0.4413	-0.3618	-0.0899	0.17407
PKH_124250	-0.3367	-0.4139	-0.4588	-0.1191	0.01126	-0.2912	-0.5263
PKH_092600	0.02229	0.10416	0.3449	0.49297	-0.1388	-0.1954	-0.1697
PKH_126790	0.11904	0.08243	-0.0538	-0.1034	-0.258	-0.4321	-0.8266
PKH_141370	0.8311	1.08371	0.82723	0.70075	0.35419	0.15311	-0.0415
PKH_100410	0.05629	-0.1487	-0.1194	0.19802	0.12306	0.09396	-1.0133

PKH_040710	-0.3471	-0.7476	-0.911	-0.6255	-0.4297	-0.2828	-0.2081
PKH_080610	0.51407	0.8658	0.9573	0.99721	0.76089	0.69864	0.7616
PKH_122510	1.02573	0.7879	0.80466	0.64946	0.66888	0.50433	0.53031
PKH_050440	-0.0758	0.34428	0.89394	0.97587	0.54735	0.38515	-0.0898
PKH_140290	-0.729	-0.5189	-0.5683	-0.7215	-0.6672	-0.5558	-0.4729
PKH_130540	-0.5966	-0.9089	-0.8266	-0.3371	0.43338	0.66955	0.56028
PKH_126320	-0.0144	0.25509	0.39566	0.57644	0.6192	0.60383	0.12493
PKH_120220	-0.149	-0.4188	-0.9395	-1.4024	-1.3426	-0.5852	0.10654
PKH_040590	0.66248	0.87243	0.54015	0.54897	0.26614	0.23856	-0.089
PKH_081110	0.43034	0.73141	0.79079	0.64581	0.08872	-0.2846	-0.4897
PKH_051770	0.05735	0.29496	0.40882	0.40393	0.40454	0.46299	0.25819
PKH_010270	-0.1065	-0.399	-0.7016	-1.7571	-1.3936	-1.0387	-0.8555
PKH_073110	0.04462	0.38001	0.65546	0.68212	0.38282	0.63638	0.50414
PKH_122880	-0.0801	-0.0582	0.0159	0.08784	-0.1825	0.16699	-1.3155
PKH_123670	-1.018	-1.2002	-1.4891	-1.8304	-1.8591	-1.4769	-1.3726
PKH_120060	0.35196	-0.113	-0.4854	-0.8685	-0.4091	0.43746	0.89282
PKH_125370	-0.7943	-0.8975	-0.6897	-0.765	-0.5016	-0.3254	-0.536
PKH_141960	-0.2584	-0.0941	0.04176	-0.1213	-0.1909	0.14866	0.40753
PKH_141220	-0.5944	-0.4441	-0.3854	-0.4747	-0.2463	-0.1702	-0.335
PKH_093530	0.54882	1.04081	1.00943	1.35403	0.94829	0.76914	0.34581
PKH_094360	-0.0289	-0.1742	0.05924	0.04571	0.1479	0.1309	0.25527
PKH_120090	0.74189	0.31489	0.03132	-0.2809	0.31155	0.82433	0.99847
PKH_111760	0.02014	0.28245	0.41212	0.52205	0.26427	0.14892	-1.3868
PKH_083720	-0.9145	-0.8719	-0.7233	-0.6216	-0.657	-0.5927	-0.9096
PKH_030340	-0.0446	-0.0884	-0.3089	-0.8013	-0.8416	-0.8574	-1.2847
PKH_141280	-0.054	0.10283	0.15435	0.15169	0.06826	0.10732	-0.0352
PKH_073400	0.15549	0.57133	1.02313	1.08834	0.97182	0.8775	0.94386
PKH_083400	0.51476	0.40076	0.35696	0.51324	0.50163	0.70427	0.52519
PKH_081100	0.52508	0.41119	0.51957	0.61325	0.60291	0.68115	1.00377
PKH_050940	0.20085	0.31624	0.21895	0.3266	0.04708	-0.0128	0.02625
PKH_030270	-0.3028	0.03186	-0.2432	0.2726	-0.3453	-0.2444	-0.6225
PKH_041100	-1.0989	-0.8905	-0.9749	-1.262	-1.0611	-1.2741	-1.5371
PKH_080450	-0.1029	-0.482	-0.044	-0.0692	-0.0369	0.06215	0.23407
PKH_031680	-0.0928	-0.1061	-0.1216	-0.0305	-0.0701	-0.0614	-1.5338
PKH_141740	0.03181	0.23568	0.45	0.35367	0.24336	-0.1261	-1.3562
PKH_121330	-0.4283	-0.2571	-0.5501	-0.2519	-0.9095	-0.7775	-1.0522
PKH_131750	0.67382	0.27031	-0.057	-0.1923	-0.4209	-0.0717	0.84108
PKH_073020	0.10322	0.03719	0.05444	0.04844	0.01726	0.18886	0.30424
PKH_122220	-0.7324	-0.3485	-0.433	-0.0988	0.07815	0.02677	-0.2192
PKH_126240	0.08751	0.17885	0.13717	0.08814	0.06301	-0.118	0.12456
PKH_031100	-0.0352	0.24809	-0.021	-0.0357	-0.2677	-0.7805	-1.1311
PKH_051730	-0.2186	0.15754	0.28194	0.54429	0.48358	0.27645	-0.1796
PKH_071880	0.4525	0.24337	0.08145	0.1827	0.09639	0.06554	0.10598
PKH_020850	-1.5821	-1.4129	-1.5462	-1.2261	-1.5072	-1.5102	-2.8566
PKH_091490	0.39276	0.45393	0.42343	0.54413	0.43889	0.29075	0.26743
PKH_126260	-0.1915	-0.0834	-0.0982	-0.0115	-0.1226	0.06059	0.18251
PKH_090790	-0.0864	0.00136	-0.0315	0.00671	0.07074	-0.0487	-0.1777
PKH_110690	0.60828	0.87197	1.10934	0.73953	0.63245	0.73524	0.44277
PKH_091550	-0.7381	-0.5976	-0.3786	-0.2054	-0.0328	-0.2841	-0.0322
PKH_111910	-0.2079	-0.1864	-0.0605	-0.1726	-0.1604	0.00683	-0.3079
PKH_072090	0.65785	1.01121	1.30136	1.33103	0.99744	0.62227	0.27873
PKH_011560	-1.0888	-1.2253	-1.0537	-1.211	-0.6299	-0.4917	-0.9023
PKH_145780	-0.3099	-0.2034	0.251	0.27343	0.55486	0.39028	0.15035
PKH_072120	-0.4057	-0.5196	-0.5188	-0.4694	-0.2768	-0.1629	-0.5013
PKH_052630	-1.3605	-1.4208	-1.5159	-1.365	-1.3707	-1.5753	-1.5487
PKH_081860	0.03931	0.1889	-0.0958	-0.077	-0.0366	-0.0257	-0.3557
PKH_071990	0.2686	0.39101	0.3822	0.76198	0.61436	0.54194	0.5375
PKH_040370	-1.0632	-1.0639	-1.0555	-0.6672	-0.989	-1.1573	-2.2647
PKH_071560	-0.7641	-0.716	-0.8465	-0.801	-0.9245	-0.9543	-1.3698
PKH_131990	-0.6964	-0.792	-0.7096	-0.4505	-0.6364	-0.5706	-0.7327
PKH_052430	-0.5919	-0.6116	-0.4132	-0.2366	-0.2253	-0.1692	-0.4248
PKH_130890	0.04812	-0.3437	-0.552	-0.8545	-0.8907	-0.565	-0.2488
PKH_113640	0.62766	0.73526	0.73232	1.03091	0.91751	0.63176	0.85977

PKH_070310	0.15846	0.21682	0.31489	0.1708	0.3999	0.32251	0.16315
PKH_141680	0.65473	0.84053	1.1544	1.01703	1.15727	0.64889	0.7818
PKH_061270	0.36225	0.27865	-0.0086	-0.0388	-0.3391	-0.24	0.22076
PKH_083000	0.46121	0.12506	0.16482	-0.0761	-0.0679	0.19602	0.3023
PKH_146660	-0.0871	-0.0542	0.05652	-0.0555	-0.1992	-0.0664	0.07393
PKH_041110	0.33548	0.28692	0.05343	-0.0105	0.01017	0.00921	-1.2802
PKH_112120	-1.3489	-1.3381	-1.4675	-0.6334	-0.2798	0.40083	0.01529
PKH_126150	0.71282	0.6041	-0.0304	-0.4275	-0.5555	-0.5655	-0.3111
PKH_030650	0.20683	-0.0848	-0.026	-0.2453	0.17881	0.20624	0.26267
PKH_121110	0.39676	0.42726	0.64373	0.69236	0.85937	0.82757	0.47096
PKH_132690	-0.375	-0.762	-0.856	0.10168	0.64056	1.01601	1.29237
PKH_093380	0.36166	0.29652	0.53331	0.71658	0.55253	0.70803	0.55692
PKH_127060	0.91039	0.41168	0.15788	-0.1786	0.11024	0.89711	1.30007
PKH_080420	0.68367	0.71926	0.6436	0.4016	0.45547	0.26027	0.21139
PKH_000450	-0.7096	-0.7644	-0.73	-0.3696	-0.5373	-0.7062	-0.4898
PKH_051270	0.28872	0.10562	0.26517	0.06439	0.20699	0.17939	0.20387
PKH_125650	0.15652	0.03012	0.13976	-0.0474	-0.0782	0.16619	0.72482
PKH_143150	0.15574	0.6261	0.57792	0.37095	0.12939	0.33872	-0.2606
PKH_073350	0.47157	0.62046	0.58785	0.43888	0.19525	0.05536	-0.0112
PKH_090560	0.78824	0.80773	1.02222	0.97746	0.52917	0.20965	0.10969
PKH_126030	0.01456	0.03091	-0.1688	0.04507	-0.1332	0.01599	-1.2463
PKH_121740	0.73114	0.7581	0.83283	0.70833	0.57711	0.26656	0.0401
PKH_132080	0.05638	0.09234	0.15071	0.00578	-0.1224	0.23943	0.66608
PKH_100190	-0.6693	-0.6079	-0.4836	-0.6323	-0.5847	-0.3997	-0.2882
PKH_121560	0.63058	1.08678	1.14299	0.543	0.19246	0.28907	0.42482
PKH_050860	-1.0246	-1.2281	-1.0713	-1.017	-0.3259	-0.1386	-0.2485
PKH_103080	-0.4283	-0.2327	-0.2715	-0.333	-0.4381	-0.4731	-0.3881
PKH_100360	0.33445	0.2208	0.3827	0.27593	-0.0655	0.07768	0.58929
PKH_052660	0.16584	0.18109	0.2566	0.00706	0.27857	0.00816	-0.0031
PKH_123220	-1.3498	-1.1469	-1.2208	-0.9771	-1.0628	-1.1903	-1.4772
PKH_062010	-0.9898	-0.3656	0.24349	0.28114	0.44138	0.10646	0
PKH_101480	-0.1627	-0.1962	-0.4286	0.14015	0.17272	0.15822	-0.9864
PKH_131230	-0.1862	-0.3028	-0.0365	0.02483	0.11735	0.08451	-0.7118
PKH_121410	0.21806	0.08518	0.20715	0.14193	0.18506	0.12223	0.52327
PKH_114320	-0.3822	-0.6731	-0.8191	-1.0063	-0.6674	-0.066	0.28319
PKH_113080	0.58885	0.49187	0.37094	0.48956	0.33998	0.37769	0.18327
PKH_031560	-0.6313	-0.3961	-0.4306	-0.4711	-0.5362	-0.4272	-0.521
PKH_020150	0.46511	0.23016	0.02722	-0.3109	-0.1135	-0.3867	-0.9323
PKH_113150	-0.6745	-0.4007	-0.1738	0.08465	0.40197	0.43863	0.42243
PKH_130550	-0.048	-0.0315	-0.0019	0.11804	0.01758	0.05572	0.21362
PKH_123850	0.27768	0.04874	0.15655	0.14893	0.18573	0.23406	0.28623
PKH_125310	-0.3708	-0.5447	-0.4302	-0.2805	-0.3391	-0.3803	-0.4358
PKH_061980	-0.4192	-0.6389	-0.544	-0.4365	-0.7082	-0.6943	-0.5419
PKH_010230	-1.8763	-2.0373	-1.7381	-1.9359	-1.0231	-1.2592	-1.1439
PKH_121370	-0.7228	-0.6179	-0.6473	-0.6732	-0.5199	-0.4973	-0.6113
PKH_020110	0.61368	0.22025	-0.0031	-0.4445	-0.2459	0.37037	1.22986
PKH_133750	0.87286	0.67908	0.62289	0.42052	0.45354	0.43204	0.74896
PKH_124040	0.42592	0.4479	0.51207	0.48154	0.2139	0.18216	0.27344
PKH_142750	-0.2913	-0.2106	-0.1085	-0.3073	-0.1806	-0.1926	0.03565
PKH_052590	-0.8556	-1.0731	-1.3517	-1.5523	-1.5076	-1.4903	-1.2101
PKH_100290	-0.5744	-0.2368	-0.1883	-0.4146	-0.2788	0.08376	-0.2963
PKH_080690	0.86566	0.65146	0.57494	0.40751	0.56178	0.53313	0.6211
PKH_073230	0.02105	0.40405	0.56045	0.62534	0.48416	0.11198	-0.3438
PKH_060090	0.14636	0.43033	0.52767	0.49204	0.56287	0.4376	0.34397
PKH_133770	0.14772	0.43255	0.37553	0.6749	0.2913	-0.0317	-0.1497
PKH_081150	-0.4744	-0.5879	-0.6281	-0.5596	-0.7619	-0.7064	-0.7768
PKH_126900	-0.4743	-0.2488	-0.152	-0.4657	-0.4977	-0.718	-0.8159
PKH_132150	0.69505	0.9267	1.50702	1.72934	1.22638	0.96786	0.84385
PKH_112710	0.56701	0.58812	0.70453	0.44767	0.72941	0.50142	0.49558
PKH_112110	-0.0649	-0.4153	-0.2753	-0.5092	-0.2645	-0.2189	-0.335
PKH_020580	-0.6924	-0.9083	-1.0515	-1.1891	-1.025	-0.7017	-1.0301
PKH_123860	1.15703	1.31918	1.4667	1.42478	1.15003	1.10193	1.32568
PKH_094320	0.01928	0.23391	0.36009	0.58716	0.86209	0.95059	0.74304

PKH_052640	-0.0231	0.05583	-0.0348	-0.2208	-0.3901	-0.6854	-0.7007
PKH_100400	0.16048	-0.0417	-0.2137	-0.5237	-0.5531	-0.5151	-0.0633
PKH_132980	0.33923	0.291	0.14805	0.00726	0.04961	-0.0559	-0.0374
PKH_091760	0.59049	0.48675	0.44281	0.74023	0.75147	0.82368	0.72214
PKH_062200	0.92863	0.86574	1.06612	0.8372	0.5054	0.42485	0.48455
PKH_071930	-0.2476	-0.4274	-0.4173	-0.2883	-0.4898	-0.4301	-0.4793
PKH_062150	-0.0573	0.03374	-0.1257	-0.1082	-0.1054	-0.1357	-0.3905
PKH_121020	0.61393	0.76488	0.47355	-0.0583	0.12564	0.18258	0.69178
PKH_101750	-1.1278	-1.4442	-1.3887	-1.5625	-1.1439	-0.8658	-0.8446
PKH_144180	0.40128	0.28303	0.50817	0.10766	0.16748	0.3608	0.53176
PKH_142700	-0.5506	-0.7733	-0.8903	-0.3697	-0.181	0.36463	0.34224
PKH_082550	0.09757	0.12775	0.13979	-0.0055	0.26487	0.43049	0.47258
PKH_010860	-0.0516	-0.1981	-0.3067	-0.3641	-0.3327	-0.1723	-0.5185
PKH_081870	-0.9286	-0.8932	-0.8794	-0.7004	-0.702	-0.8686	-1.6331
PKH_050300	-0.2912	0.15848	0.29548	0.4149	0.52114	0.30556	-0.469
PKH_126020	0.61756	0.46645	0.18196	-0.0837	-0.4553	-0.6346	-0.5752
PKH_125190	0.51066	0.80765	0.77682	0.72335	0.28111	0.38235	-1.127
PKH_146300	0.2027	0.15748	0.09842	0.06783	0.27858	0.10933	0.12862
PKH_091080	-0.17	-0.1109	-0.074	0.08628	-0.2935	-0.4549	-0.7835
PKH_100180	-0.6507	-0.2569	0.14633	0.54756	0.53103	0.38261	-0.2505
PKH_101450	-0.7141	-0.3903	0.69656	1.10357	1.51994	1.1737	1.00829
PKH_114230	0.54342	0.50088	0.50366	0.47501	0.5523	0.52545	0.49521
PKH_125910	0.32566	0.70219	0.71378	0.61072	0.60066	0.29081	0.02356
PKH_092330	-0.1086	-0.3356	-0.5133	-0.2366	0.30453	0.77233	0.907
PKH_101780	-0.0286	-0.4209	-0.4818	-0.6732	-0.7815	-0.5921	-0.2948
PKH_011360	-0.2125	0.0009	0.05795	0.17742	-0.1859	-0.3252	-0.3912
PKH_051910	-0.5318	-0.4695	-0.2341	-0.4139	-0.4991	-0.3969	-0.4072
PKH_125740	1.08651	1.33149	1.41409	1.68613	0.90568	0.67215	0.67548
PKH_132970	-0.0607	0.12152	0.11182	-0.0808	-0.2387	-0.2538	-0.0226
PKH_112610	-0.0408	0.06221	0.14665	-0.0395	-0.0627	-0.1636	-0.4109
PKH_142340	0.34018	0.47058	0.52875	0.16838	-0.2229	-0.1737	0.23951
PKH_121380	0.02532	-0.17	0.00142	0.3479	0.17414	0.17034	-1.2856
PKH_092510	-0.2635	-0.1336	-0.3278	-0.2814	-0.2961	-0.444	-1.503
PKH_041260	-0.8111	-0.8369	-0.3861	-0.0754	-0.0752	0.03491	-0.1611
PKH_090370	0.26156	0.00163	0.01381	-0.0853	0.00134	-0.0627	0.00364
PKH_132420	0.66705	0.85186	0.80621	0.53163	-0.1233	-0.3101	0.23407
PKH_041150	1.03301	1.1831	1.28715	1.08606	1.00419	0.66822	0.84167
PKH_125140	0.6707	0.61729	0.55792	0.3896	0.5559	0.5778	0.79042
PKH_142480	0.31148	0.18374	0.21222	0.06236	0.14433	0.09356	-0.0432
PKH_050420	-0.0979	0.03319	0.40819	0.19257	0.63572	0.27792	-0.7146
PKH_092050	-0.231	-0.4488	-0.4715	-0.6724	-0.6155	-0.4165	0.00679
PKH_051690	-0.4031	-0.4857	-0.8482	-0.7977	-0.8468	-0.7323	-0.5502
PKH_072580	0.1903	0.30396	0.13595	0.12411	0.06233	0.28545	0.30687
PKH_141640	0.11715	-0.3033	-0.7294	-0.8608	-0.8828	-0.7784	-1.0506
PKH_110760	0.63911	0.53349	0.66751	0.65779	0.44734	0.21164	-0.1065
PKH_073240	-0.2595	-0.321	-0.4846	-0.3442	-0.4809	-0.5702	-0.5132
PKH_102870	-0.2213	-0.2175	-0.4061	-0.1882	-0.4908	-0.6664	-1.5546
PKH_090920	-0.2631	-0.0868	-0.0054	0.3006	0.11533	0.40796	0.18366
PKH_070070	0.71332	0.68975	0.69	0.64733	0.62601	0.54404	0.70357
PKH_080220	0.45688	0.21804	0.10094	-0.0049	0.26146	0.18831	0.46102
PKH_130515	0.31447	0.03378	0.06781	-0.1917	-0.1846	-0.1956	0.22326
PKH_133930	0.01018	0.11278	0.14969	-0.0251	0.01208	-0.0422	-1.388
PKH_113420	-0.9613	-0.772	-0.7409	-0.9891	-1.0756	-0.9183	-0.7189
PKH_041410	0.55871	0.81813	0.72094	0.80571	0.62251	0.40253	0.49678
PKH_021240	-1.0458	-1.0942	-1.136	-1.3357	-1.1718	-1.2281	-1.472
PKH_081260	0.30194	0.02656	-0.0766	-0.1867	-0.0751	0.06893	0.2711
PKH_142140	-0.0096	-0.2142	-0.2312	-0.166	0.02366	0.01015	0.1095
PKH_092230	0.32519	0.33495	-0.0213	-0.17	-0.3887	-0.2029	0.31134
PKH_101860	0.0252	0.18068	0.04577	0.0015	-0.1976	-0.3301	-0.19
PKH_130730	-0.176	0.19282	0.6314	1.10701	1.01362	0.76648	0.59467
PKH_092170	-0.055	-0.0628	0.05344	0.00802	-0.1807	0.02684	-1.5188
PKH_112540	0.36739	0.74552	0.76888	0.98107	0.81084	0.34295	0.53096
PKH_080520	1.20512	1.21529	0.93955	0.57392	0.09876	-0.069	0.05545

PKH_070800	-0.2224	-0.2361	-0.2362	0.11678	0.06589	0.278	0.35901
PKH_133970	0.43613	0.35286	0.60912	0.45453	0.55164	0.70546	0.77203
PKH_134100	0.91025	0.68743	0.64508	0.28752	0.44404	0.60749	1.07719
PKH_120240	0.69746	1.05417	0.90428	0.57313	0.15522	-0.229	-0.5034
PKH_112970	-0.2668	-0.2363	-0.3089	-0.3526	-0.3806	-0.4783	-0.8027
PKH_134310	-0.0484	-0.0737	-0.049	-0.3069	-0.0823	-0.0406	-0.0094
PKH_146290	0.10262	0.13531	0.30184	-0.003	-0.0179	-0.1735	-0.1389
PKH_101540	0.69731	0.84079	0.92199	1.0097	0.74974	0.74232	0.75611
PKH_050570	0.22057	0.67232	0.91013	0.53306	0.65676	0.39052	-0.0627
PKH_142800	-0.099	-0.4854	-0.6797	-1.0693	-0.725	-0.7465	-0.5248
PKH_040820	0.41799	0.79307	0.82475	1.29322	0.94577	0.8747	0.60588
PKH_120840	0.03219	0.00324	0.02663	0.24728	0.66792	0.57578	0.37555
PKH_143900	0.51063	0.67106	0.55674	0.35291	0.4225	0.3855	0.45578
PKH_092530	-0.3079	-0.4873	-0.7553	-0.9638	-0.4568	0.33872	0.90038
PKH_010520	-0.4154	-0.0687	0.27797	0.0225	0.35302	0.11191	-0.3854
PKH_131100	1.09559	0.97198	1.02865	1.1186	0.5637	0.37545	0.47105
PKH_125420	0.74302	0.85216	0.75405	0.69351	0.52346	0.46201	0.80198
PKH_031790	-0.0225	0	-0.196	-0.4486	-0.6429	-0.8421	-0.9044
PKH_090520	0.3684	0.49082	0.3818	0.45255	0.40028	0.71675	0.78047
PKH_031130	-1.1525	-1.0471	-0.7694	-0.9184	-0.3973	-0.5558	-1.0062
PKH_120210	0.54858	0.63071	0.65752	0.63411	0.51552	0.63444	0.45545
PKH_072490	0.66985	0.82414	0.96883	0.96803	0.61145	0.33532	0.55356
PKH_111840	0.13053	0.31192	0.04281	-0.1512	-0.2545	-0.1595	-0.1568
PKH_072070	-1.5065	-1.5168	-0.704	0.31955	-0.1568	0.21769	-0.0948
PKH_145020	0.42041	0.68383	0.36144	0.15879	0.22366	0.29249	0.14818
PKH_122490	0.00152	0.21566	0.25229	0.53995	0.27046	-0.1539	-0.0674
PKH_040930	0.66878	0.53027	0.38339	0.23267	0.45354	0.4814	0.61756
PKH_020500	-0.1616	-0.1412	-0.1945	-0.0296	-0.1299	-0.2793	-1.7158
PKH_131420	0.65339	1.0281	1.37643	1.30361	0.92983	0.9673	0.71229
PKH_126740	0.87815	0.73079	0.72772	0.61895	0.67377	0.48493	0.61065
PKH_130250	-0.9377	-0.31	0	0.27477	-0.3529	-0.3529	0.31002
PKH_125540	0.23047	0.30603	0.39118	0.21411	-0.1599	-0.2361	0.26392
PKH_093770	-0.5781	-0.3492	-0.2584	-0.5897	-0.2341	-0.3761	-0.6559
PKH_092110	0.68704	0.83442	0.73449	0.60492	0.47805	0.33153	0.09858
PKH_041160	-0.7311	-0.8168	-0.7121	-0.7389	-0.8107	-0.8321	-1.2968
PKH_142730	0.56086	0.30602	0.35517	0.50263	0.61875	0.49242	0.47701
PKH_121060	0.81541	0.78162	0.51821	0.60713	0.41864	0.3991	0.59566
PKH_140250	-0.5138	-0.472	0.03639	0.27151	-0.0128	0.38558	0.05899
PKH_091380	0.25155	0.2806	0.50903	0.44666	0.04564	-0.0804	0.13492
PKH_113210	0.84891	0.85791	1.01504	0.76452	0.61326	0.38224	0.22984
PKH_091070	-0.4818	-0.3616	-0.3828	-0.379	-0.5845	-0.5979	-0.7503
PKH_125580	-0.1656	-0.3057	0.01675	0.22245	0.51954	0.55236	0.53635
PKH_143600	0.34667	0.27451	0.14805	-0.1072	0.29156	0.0206	0.2294
PKH_123290	-0.0276	0.01564	0.03806	0.31395	-0.0134	0.09519	0.1139
PKH_113670	0.26771	0.22166	0.05633	0.05928	-0.2371	-0.4974	-0.0166
PKH_110740	0.01434	0.17713	0.14897	-0.2895	-0.0622	-0.2219	-0.7628
PKH_010330	-0.3021	-0.5599	-0.5628	-0.3152	-0.0268	-0.1748	-0.2627
PKH_133690	-0.1286	-0.1306	-0.0785	-0.0286	0.42777	0.84704	0.92834
PKH_103130	0.2507	0.22816	0.23699	0.07884	0.04947	-0.1868	-0.1008
PKH_061930	-0.0149	-0.1306	0.06159	0.00467	-0.1631	-0.2292	-0.4136
PKH_131810	0.27577	0.17874	0.24256	0.12425	0.12401	0.34573	0.44467
PKH_011370	-1.0768	-1.0758	-1.2821	-1.1068	-0.6587	-0.5397	-0.5772
PKH_072760	-2.4526	-3.3877	-2.5781	-1.7001	-0.4579	-0.3065	-1.0313
PKH_110500	-0.7782	-1.1855	-1.1596	-0.6778	-0.4801	-0.1909	-0.335
PKH_120940	0.13388	0.29261	0.53107	0.56899	0.43561	0.22258	-0.0031
PKH_123230	0.18569	0.47737	0.52333	0.6557	0.50602	-0.2526	-0.4904
PKH_083600	-0.3732	-0.5989	-0.6083	-0.6371	-0.3739	-0.3221	0.18251
PKH_130990	0.04905	0.43914	0.69801	0.68391	0.38963	0.26292	0.35646
PKH_020510	0.23547	-0.0576	-0.1269	-0.2346	0	-0.2418	-0.2242
PKH_031030	-0.1936	-0.0704	0.07661	0.40295	0.12425	0.00256	-0.3096
PKH_102390	-0.7973	-0.5542	-0.4386	-0.4194	-0.5266	-0.6117	-0.6985
PKH_114180	0.30653	0.21739	0.40328	0.61812	0.36665	0.34481	0.42263
PKH_143190	0.30125	0.16506	-0.075	0.10741	0.06944	0.00668	0.27401

PKH_070990	-0.0836	0.0685	-0.0504	-0.1383	-0.0623	-0.3478	-0.1453
PKH_030130	-1.3018	-1.169	-1.7151	-1.2229	-1.8636	-1.6658	-2.8135
PKH_142230	0.55211	0.56698	0.62045	0.50655	0.58513	0.6277	0.6382
PKH_102440	-0.724	-0.7779	-0.6472	-0.5722	-0.408	-0.3007	-0.0173
PKH_114130	0.15547	0.45124	0.36703	0.73949	0.25835	0.17732	-1.4291
PKH_073070	-0.2569	-0.291	-0.0704	0.05987	0.06019	0.06016	-0.1402
PKH_133290	0.49009	0.42147	0.11549	-0.031	-0.0116	-0.0275	-0.0606
PKH_114520	-0.2466	-0.221	-0.3333	-0.0707	-0.2844	-0.0537	-1.4844
PKH_134210	-0.4823	-1.2221	-1.6599	-2.4916	-2.0623	-0.9498	-0.3139
PKH_071740	-0.2668	-0.07	-0.102	-0.0836	-0.2461	-0.2501	-0.7895
PKH_100930	0.18961	0.28825	0.37267	0.15329	0.24271	0.13711	-0.3233
PKH_052170	-0.674	-0.6395	-0.8106	-0.5233	-0.4376	-0.7649	-2.2417
PKH_011380	-0.1719	0.06901	0.08433	0.12009	-0.2988	-0.459	-0.2079
PKH_081430	0.14581	0.23458	0.47927	0.26547	0.64335	0.36867	0.30246
PKH_113180	0.81028	0.54618	0.75687	0.4644	0.58122	0.64337	0.58858
PKH_101900	1.52538	1.26803	1.01596	0.66075	0.04567	-0.2484	0.31159
PKH_132520	0.50428	0.31959	0.03118	0.2062	-0.3929	-0.5213	-0.4408
PKH_132280	0.51153	0.64298	0.20747	0.42056	0.36964	0.18936	0.11033
PKH_132630	-0.1476	0.15868	-0.0325	0.14389	-0.138	0.15416	-0.2769
PKH_101590	0.24074	0.30769	-0.0556	-0.1173	-0.3486	-0.567	-0.04
PKH_122300	-0.0272	-0.1078	-0.1332	-0.0791	-0.1923	0.28624	0.20418
PKH_051870	-1.0522	-1.0471	-0.9801	-1.1768	-1.0473	-0.7364	-1.0045
PKH_011270	-1.322	-1.7053	-1.8504	-2.2355	-1.7246	-1.1828	-1.3587
PKH_040560	-0.6905	-0.9347	-0.6076	-0.9733	-0.7825	-0.7987	-0.5743
PKH_051960	0.24252	0.21087	-0.0681	-0.1758	-0.4284	-0.4475	-0.0783
PKH_146800	-0.0019	0.11419	0.40388	0.58219	0.22836	0.10845	0.25258
PKH_060380	0.31682	0.09008	-0.0608	-0.1912	-0.2723	-0.2975	-0.8755
PKH_100100	1.09865	1.26379	1.41744	1.23527	1.19293	1.03293	0.82222
PKH_082740	0.24199	0.38647	0.25433	0.0862	0.05378	0.07058	0.43383
PKH_030950	-0.2149	-0.2098	0.01094	0.18912	0.08518	-0.194	-0.7391
PKH_126090	0.33119	-0.0084	-0.0348	-0.0969	-0.0176	0.09591	0.45803
PKH_082390	-0.6006	-0.4601	-0.4691	-0.5146	-0.2835	-0.4497	-0.5639
PKH_144550	-0.7435	-0.71	-0.8188	-0.6782	-0.3194	-0.376	-0.1641
PKH_041030	-0.3302	-0.2761	-0.2305	-0.1775	-0.3591	-0.0625	-1.015
PKH_061230	0.01555	-0.0923	-0.1502	-0.3134	-0.181	-0.5033	-0.3463
PKH_060830	0.26542	0.28551	0.5759	0.61868	0.59093	0.49932	0.32609
PKH_040880	0.26482	0.36046	0.45461	0.68122	0.51251	0.3624	0.45121
PKH_051030	-0.1575	-0.0952	-0.3037	0.02639	-0.071	-0.1255	-1.6301
PKH_050340	0.40077	0.40685	0.69008	0.28631	0.37789	0.1246	-0.0511
PKH_132780	-0.8191	-0.869	-1.3831	-1.2457	-1.4897	-1.4272	-1.291
PKH_100090	0.07891	-0.4252	-0.0982	0.72577	1.10911	1.21669	0.96086
PKH_146200	0.5115	0.71319	0.6731	0.62217	0.41647	0.3947	0.49929
PKH_040290	0.1332	0.05406	0.17803	-0.0686	-0.1298	-0.2651	-0.4669
PKH_050720	-0.1907	-0.0453	0.14045	0.31043	0.00583	-0.1677	-0.2278
PKH_122550	0.2726	0.47372	0.73534	0.8274	0.78756	0.72432	1.0329
PKH_133880	0.54127	0.33704	0.36675	0.11943	0.4412	0.36535	0.67925
PKH_090150	-0.631	-0.5314	-0.3279	-0.06	-0.0054	-0.1904	-0.3969
PKH_122940	-1.1883	-1.487	-1.0576	-1.4647	-0.9497	-0.2295	-0.1528
PKH_146360	-0.1093	-0.0484	0.34591	0.11422	0.18743	0.13224	0.1074
PKH_130880	-0.2758	-0.3713	-0.289	-0.6781	-0.3599	-0.6917	-1.5739
PKH_072920	0.35774	0.56793	0.65912	0.63427	0.56144	0.3384	0.19799
PKH_021020	-0.5413	-0.4067	-0.478	-0.4716	-0.5139	-0.5074	-2.1184
PKH_092010	-0.2459	-0.2771	-0.3021	-0.1504	-0.0412	-0.1525	-0.2054
PKH_010800	0.42855	0.59082	0.20546	0.29317	0.24707	0.12169	0.32248
PKH_111620	-0.7187	-0.6139	-0.6884	-0.9577	-0.5695	-0.5878	-0.5311
PKH_125170	0.15721	-0.0699	-0.0369	-0.1374	0.345	0.24027	0.37996
PKH_145710	0.72376	0.54857	0.84163	0.8473	0.60504	0.52466	0.98598
PKH_071160	0.04977	-0.1523	0.01306	0.49528	0.88192	1.03128	1.03132
PKH_021350	-0.3059	0.26669	1.05118	1.24073	1.27871	0.84734	0.41393
PKH_103200	0.45742	0.01826	-0.2384	-0.0971	-0.2351	0.3057	0.90932
PKH_112150	-0.445	-0.45	-0.6591	-0.6255	-0.6092	-0.3716	-0.6097
PKH_122020	-0.011	-0.0878	-0.0593	-0.26	-0.0971	-0.0278	0.13972
PKH_090990	0.38881	0.69243	0.75485	0.78988	0.81638	0.61336	0.34851

PKH_134050	-0.3711	-0.0905	-0.136	-0.1886	-0.002	-0.1521	-0.412
PKH_142110	-0.2846	-0.4366	-0.0464	0.32202	0.46664	0.54376	0.60477
PKH_134000	0.2373	0.276	0.27722	0.40264	0.30395	0.48088	0.28548
PKH_060310	-0.2248	-0.3677	-0.642	-0.3719	-0.454	-0.2084	-0.6114
PKH_102360	0.29522	0.37034	0.55336	0.37623	0.01136	0.06805	-0.1096
PKH_125230	1.06359	0.84888	0.36965	-0.1301	0.16002	0.66476	1.2822
PKH_082950	0.16706	0.28276	0.29565	0.17026	0.27278	0.52153	0.5987
PKH_101910	-0.4173	-0.4234	-0.8068	-0.7645	-1.0934	-0.9869	-1.9198
PKH_090160	-0.0096	0.11458	0.39825	0.80571	0.6944	0.47029	-0.1259
PKH_052180	-0.9758	-0.7816	-1.0096	-0.9024	-0.708	-0.9626	-2.4358
PKH_011100	0.48639	0.74443	0.34394	0.24735	0.34235	-0.154	-0.7349
PKH_040890	0.20864	0.616	0.3063	0.25443	0.01192	0.10904	0.32386
PKH_141350	-0.0938	-0.0475	-0.3073	-0.1335	-0.2743	-0.2114	-0.014
PKH_110210	0.35808	0.43155	0.71704	0.83249	0.9229	0.46552	0.79975
PKH_146680	0.30995	0.44374	0.53762	0.77653	0.73352	0.58306	0.48436
PKH_080120	0.56037	0.67516	0.75512	0.66793	0.32359	0.49516	0.39636
PKH_123640	-0.4362	-0.3856	-0.1354	-0.2277	-0.2682	-0.2341	-0.015
PKH_125030	-0.7371	-0.0806	0.00187	0.31722	-0.0572	0.0199	-1.2007
PKH_121450	0.98217	1.25522	1.37299	1.28694	0.91057	0.58058	0.71341
PKH_070970	0.06071	0.09712	0.2191	0.49359	0.48607	0.30495	0.41943
PKH_101170	0.12399	-0.1153	-0.2477	-0.3032	-0.2278	-0.2744	-0.0358
PKH_080990	0.03933	-0.0416	-0.086	-0.182	0.04028	0.17252	0.72861
PKH_121130	0.13421	0.16866	0.16524	0.1673	-0.0749	-0.1961	-0.0446
PKH_130840	0.08907	0.19559	0.30864	0.35506	0.45711	0.19615	0.59361
PKH_124540	0.3798	0.37523	0.65438	0.66524	1.22492	1.43645	1.88985
PKH_030900	0.83506	0.97142	1.14008	0.98628	0.86588	0.44686	0.43745
PKH_123120	-0.2846	-0.4499	-0.5897	-0.601	-0.4189	-0.2357	0.24837
PKH_142600	0.02764	-0.0486	0.07318	0.09883	0.21297	0.05899	0.20748
PKH_101070	0.04311	0.19015	-0.0052	-0.0903	-0.1161	-0.3265	-0.4484
PKH_120610	-0.183	-0.013	0.03249	-0.0439	0.0885	-0.1547	-1.476
PKH_111040	0.27621	0.45622	0.40377	0.56027	0.17044	-0.0154	0
PKH_090350	0.47337	0.63636	0.35605	0	0.34925	0.04133	0.07337
PKH_133410	0.66342	0.69066	0.67212	0.62689	0.38353	0.08885	0.19545
PKH_143580	0.29164	0.03142	0.23539	0.17656	0.47318	0.3775	0.47755
PKH_113120	0.73631	0.92603	0.8265	0.97353	0.68212	0.40724	0.41258
PKH_112900	-0.3889	-0.5153	-0.7669	-0.7571	-0.4841	-0.1187	-0.1945
PKH_081170	-0.2464	-0.6307	-0.6066	0.11898	0.7014	0.93543	1.43069
PKH_060010	0.01711	-0.1067	-0.1831	-0.3954	-0.8051	-0.7019	-0.3366
PKH_141890	0.23704	-0.0194	-0.0212	-0.1543	0.13173	0.08805	0.06919
PKH_070210	0.58176	0.58413	0.72396	0.56582	0.40179	0.25921	-0.1912
PKH_144610	1.07002	1.3475	1.37527	1.15677	0.75854	0.22892	0.02996
PKH_113220	0.04817	0.02791	-0.021	-0.0327	-0.1403	-0.0934	-1.5362
PKH_102790	0.50818	0.85524	0.85609	0.58253	0.57485	0.58826	0.57461
PKH_051530	0.22764	0.19884	0.0628	0.18488	0.17042	-0.0288	-0.5267
PKH_121530	0.50907	0.36033	0.40579	0.69981	0.33716	0.42069	-0.1298
PKH_130170	0.51764	0.90799	1.07018	1.22802	0.9075	0.68118	0.77574
PKH_145860	0.91179	1.33224	1.40562	1.19771	0.84177	0.77378	1.05579
PKH_124420	0.25419	0.15061	0.23473	0.16285	0.01419	0.24803	0.27553
PKH_030350	-0.4118	-0.1891	-0.4542	-0.2068	-0.4907	-0.822	-0.9983
PKH_052500	-0.9448	-0.5475	-0.3045	0.22656	0.43512	0.39278	0.21236
PKH_146920	0.12852	0.14677	-0.0326	-0.2244	-0.148	-0.1202	0.27366
PKH_133220	-0.679	-0.1955	0.23161	0.40692	0.34525	0.42559	0.29211
PKH_090840	0.45411	0.34784	0.65285	0.67911	0.40408	0.34605	0.27127
PKH_140150	-0.2534	-0.0409	-0.017	0.23505	-0.2153	-0.1369	-0.3464
PKH_132600	-0.2599	-0.2431	-0.1196	-0.2242	-0.1174	-0.0127	0.03847
PKH_011030	-0.8769	-0.9268	-1.065	-1.2964	-0.955	-0.8488	-1.294
PKH_113440	0.22989	0.28951	0.2091	0.31276	0.65297	0.81107	0.72263
PKH_101980	0.32083	0.51541	0.36441	0.42909	-0.0927	-0.1892	-0.2104
PKH_101280	-0.3065	-0.0171	0.06038	-0.1662	-0.103	-0.1807	-0.0193
PKH_121910	0.19283	0.14276	-0.2293	0.02114	-0.1956	-0.2001	-1.5835
PKH_094070	-0.3858	-0.3532	-0.4025	-0.2396	-0.3022	-0.2522	-0.5264
PKH_092130	-0.0028	0.19235	0.40884	0.45268	0.51505	0.62178	0.43295
PKH_111780	0.14224	0.26587	0.15259	0.3551	0.10493	0.1963	-0.1068

PKH_101100	0.55713	1.40344	1.09499	1.04344	0.92873	0.40944	0.07396
PKH_101060	0.05477	0.08282	0.26691	0.28059	0.17281	0.10194	-0.2523
PKH_146270	0.51728	0.71518	0.83636	0.88145	0.85627	0.62582	0.54374
PKH_123250	-0.4031	0.0191	0.15939	0.104	0.27805	-0.0087	-0.3765
PKH_123050	0.24449	0.08056	-0.2574	0.17132	0.68129	0.73443	0.68533
PKH_103140	0.467	0.41359	0.61826	0.63603	0.34909	0.12171	-0.2606
PKH_072210	0.11807	0.12891	0.31467	0.09445	0.29582	0.08946	-1.3415
PKH_133640	0.31884	0.20893	0.03492	0.11888	0.6414	0.85821	0.71343
PKH_144290	0.00771	0.17823	0.13862	-0.0263	0.09214	0.21984	0.26838
PKH_122540	0.54794	0.68896	1.10265	1.46979	1.60313	1.47815	1.15602
PKH_081220	0.38657	0.19368	0.06935	0.26291	0.00732	-0.0566	0.00483
PKH_145600	-1.0001	-1.1215	-0.9973	-1.0128	-0.8475	-0.1704	0.02599
PKH_112560	-0.4074	-0.2299	-0.0865	-0.175	-0.3099	-0.4362	-2.0374
PKH_094000	0.60474	0.30659	0.46624	0.37348	0.14243	0.13028	0.40436
PKH_051880	-0.4399	-0.3164	-0.3888	-0.5206	-0.4994	-0.4773	-0.7899
PKH_092090	-0.4333	-0.5902	-0.7496	-0.9287	-0.949	-0.7512	-1.0538
PKH_123560	-0.3316	-0.1078	0.04998	0.17461	0.07484	0.01819	0.07916
PKH_092140	-0.0938	-0.0634	-0.0519	-0.3545	-0.5226	-0.1706	0.05023
PKH_072290	0.36878	0.49676	0.41026	0.37757	0.2409	0.09467	-0.1876
PKH_144470	-0.0453	-0.0812	-0.222	-0.0388	-0.0697	-0.1165	-0.2484
PKH_070004	1.07502	0.93347	0.97177	0.53636	0.76214	0.89835	1.2859
PKH_144490	-0.2492	0.15822	-0.1591	-0.1677	-0.2654	-0.2199	-0.3566
PKH_090330	-0.1061	0.17422	0.23419	0.46926	0.20266	0.24031	0.06481
PKH_121250	0.28562	0.17621	-0.044	-0.3367	-0.2648	-0.7594	-1.1453
PKH_123730	0.12879	-0.1133	-0.0934	-0.0407	0.0961	0.28037	0.14894
PKH_102260	0.3538	-0.1773	-0.2453	-0.2129	-0.3881	-0.2779	-1.7891
PKH_102710	-0.005	0.19942	0.0642	0.32094	0.15574	0.20459	0.13408
PKH_050090	0.2323	0.18945	-0.1365	-0.7163	-0.1853	0.1795	0.5525
PKH_140200	0.18493	0.22167	0.37921	1.19853	1.19218	1.29107	1.28042
PKH_127030	0.72916	0.84158	0.86875	0.95632	0.60386	0.38576	0.57749
PKH_133180	0.08787	0.11862	0.24993	0.19963	0.21713	0.19086	0.09631
PKH_102350	0.32848	0.05044	-0.1904	-0.5244	-0.4557	-0.1375	0.04659
PKH_020870	-0.0337	0.21464	0.071	-0.3051	0.07644	-0.3272	-1.4111
PKH_111230	0.32194	0.21965	0.5252	0.67625	0.23321	0.44763	0.02208
PKH_030320	0.16038	0.63367	0.68829	0.39815	0.47402	0.08834	-1.007
PKH_141930	0.02003	-0.1645	0.01899	0.01172	0.08386	-0.0439	-0.2409
PKH_100920	-0.4243	-0.6662	-1.0556	-1.6036	-1.6158	-1.0767	-0.5978
PKH_142640	0.68142	0.69678	0.88277	1.27649	0.8916	0.76706	0.79194
PKH_030760	0.86968	0.98805	0.89806	0.90799	0.58794	0.4419	0.97274
PKH_125790	-0.15	-0.0298	-0.1242	-0.284	-0.29	-0.1893	-0.4234
PKH_030190	-0.3373	-0.0711	-0.4734	-0.2175	-0.3182	-0.3939	-1.6744
PKH_011400	-0.1388	-0.1779	-0.0026	-0.2477	-0.4556	-0.3475	-0.1479
PKH_050890	-0.5543	-0.4102	-0.7531	-0.6195	-0.5744	-0.5266	-0.6932
PKH_060880	0.63564	0.80697	0.46154	0.60688	0.12488	-0.1032	0.12777
PKH_122710	-0.2172	-0.0448	0.10464	-0.0199	-0.0072	-0.0204	-0.3629
PKH_143500	0.5574	0.40229	0.19096	0.28296	0.49989	0.45154	0.70401
PKH_113590	0.25372	0.10811	0.04461	-0.0866	0.09998	0.08957	0.04921
PKH_110300	-0.1664	-0.0102	0.1073	0.2314	0.13933	0.05446	-0.1281
PKH_113410	-0.084	0.09742	0.13863	-0.0652	0.29743	0.28581	0.29385
PKH_130070	0.47755	0.58968	0.57551	0.42284	0.31222	0.08415	0.03529
PKH_083240	-0.2909	-0.3507	-0.1479	-0.1014	-0.1724	-0.0881	-0.0157
PKH_060290	0.6728	0.90288	0.85567	0.70228	0.34415	0.31788	-0.7959
PKH_146460	-0.5997	-0.5725	-0.8678	-0.7738	-0.9366	-0.8619	-0.7159
PKH_121140	-0.3388	-0.4815	0.07073	0.46706	0.31775	0.39011	0.3294
PKH_123260	-0.3058	-0.0048	0.28465	0.30717	0.22553	-0.1037	-0.2407
PKH_124220	0.48251	0.72562	0.72349	0.56796	0.3496	0.18771	0.47333
PKH_060070	0.20867	-0.6601	-1.4119	-1.8334	-0.0845	0.97173	1.32864
PKH_132580	0.13051	-0.0682	-0.1602	-0.1206	0.31656	0.88146	1.04656
PKH_080850	-0.0062	-0.101	0.0208	-0.0992	0.08628	0.03903	0.05197
PKH_110910	-0.1954	-0.1665	0.10613	-0.3024	-0.2476	-0.1644	-0.069
PKH_081690	-0.5887	-1.0179	-0.8029	-1.1037	-0.3271	0.17396	0.04273
PKH_144930	0.51455	0.29621	0.47247	0.55989	0.10953	-0.094	-0.2655
PKH_101310	-0.607	-0.6376	-0.7363	-0.9591	-0.3533	-0.4817	-0.274

PKH_142720	0.47568	0.5399	0.73442	0.72393	0.8713	0.8187	0.51567
PKH_050060	0.5842	0.39267	0.26012	-0.1118	-0.1078	-0.133	0.57136
PKH_010850	-0.4185	-0.5573	-0.755	-0.3759	-0.4768	-0.276	-0.9003
PKH_010950	-1.0218	-0.859	-1.1246	-0.9381	-1.1496	-1.1468	-1.6664
PKH_123310	0.77712	0.45267	0.20023	0.02383	0.05713	0.17456	0.37352
PKH_030680	-0.7525	-0.5809	-0.5958	-0.3571	-0.3794	-0.423	-0.5917
PKH_051140	-0.0396	0.27905	0.40168	0.30588	0.33917	0.27991	-0.0998
PKH_020790	-0.1493	0	-0.0439	0.01133	-0.0583	-0.156	-0.3407
PKH_114900	0.06684	-0.1778	-0.2056	-0.2129	0.01216	-0.1064	0.3281
PKH_144460	0.24287	-0.0045	0.04788	0.07005	0.03804	0.11973	0.42458
PKH_031230	0.18085	-0.2364	-0.0354	0.51167	1.09225	1.01945	1.24838
PKH_073280	-0.6006	-0.5076	-0.474	-0.601	-0.122	0.16625	-0.0904
PKH_112100	-0.1043	-0.3213	-0.3997	-0.6427	-0.3032	0.51764	0.96924
PKH_071920	0.37283	0.35405	0.1173	-0.0113	0.19473	0.17556	-0.1499
PKH_040030	0.29288	0.18765	0.3222	0.27313	0.11256	0.48312	0.69101
PKH_102410	-0.8628	-0.7129	-0.95	-0.7359	-0.9234	-0.9617	-0.5571
PKH_010590	-0.2868	-0.1205	-0.2	-0.2465	-0.1934	-0.1404	-0.2488
PKH_113820	-0.0947	-0.016	-0.142	-0.1042	-0.1705	-0.0712	-0.2531
PKH_090810	0.2925	0.1587	0.42297	0.52121	0.63156	0.67523	0.6317
PKH_112430	1.19441	0.67133	0.20568	-0.0919	0.12351	0.28318	0.80875
PKH_071770	-0.5242	-0.0871	-0.1231	0.19927	0.11229	-0.2146	-0.7703
PKH_113010	-0.021	0.07999	0.22967	0.02909	0.0026	-0.0621	-0.5136
PKH_145680	0.1078	0.1357	0.18014	-0.0981	-0.4109	-0.5316	-0.5917
PKH_100980	-0.6092	-0.8434	-0.5873	-0.1932	0.28842	0.35533	-0.2779
PKH_030240	0.04315	0.06757	0.04067	-0.5054	-0.3701	-0.1246	-0.1385
PKH_071620	-0.4073	-0.2788	-0.2545	-0.6007	-0.548	-0.6105	-0.4939
PKH_080340	0.52497	0.57552	0.78912	0.81037	0.46335	0.18994	0.44925
PKH_010970	-1.1881	-1.2622	-1.3183	-1.5066	-1.168	-0.8739	-1.1724
PKH_080860	0.20784	0.21566	0.24391	0.3888	0.26027	0.15678	0.12186
PKH_112870	0.68552	0.83332	0.94605	0.79935	0.51358	0.39151	0.36559
PKH_121280	-0.1103	-0.1226	0.08113	0.29738	0.45725	0.51709	0.54605
PKH_040660	0.33532	0.82385	0.42833	0.52539	0.30617	0.0644	-0.1214
PKH_133820	0.17339	0.03548	-0.0919	-0.2242	-0.0501	0.09051	0.17878
PKH_114240	-0.3219	-0.2637	-0.3104	-0.4553	-0.4112	-0.4283	-0.3289
PKH_113990	0.20688	0.27205	0.04441	0.09638	0.27523	0.17022	0.03607
PKH_112190	0.00648	0.00176	-0.2643	-0.4115	-0.5691	-0.6053	-0.3304
PKH_020700	-1.0906	-1.0979	-0.9209	-0.5381	-0.429	-0.4249	-0.703
PKH_125400	0.20113	0.35399	0.76947	0.68321	0.13989	-0.1385	-0.4946
PKH_125090	0.01726	-0.3207	-0.1975	-0.2532	-0.2206	-0.1337	0.03108
PKH_071020	0.98785	1.0592	1.10354	0.74825	0.72379	0.8401	0.8894
PKH_082680	0.22012	0.07319	0.10185	0.24031	0.07083	0.08844	0.01771
PKH_090880	-0.1631	0.13335	0.16657	0.30704	0.15704	0.03649	-0.008
PKH_114890	0.77452	0.30118	0.00289	-0.3762	-0.0896	0.65813	1.3801
PKH_130910	0.29696	0.33519	0.20439	0.19214	0.44381	0.40932	0.66638
PKH_041240	-0.7792	-0.7689	-0.1711	0.47529	0.62665	0.87642	0.88876
PKH_110110	0.23681	0.27677	0.25855	0.20063	0.20505	0.36334	0.65821
PKH_061390	-0.3569	-0.0644	-0.4109	-0.5953	-0.7541	-0.8964	-1.2451
PKH_102460	0.40868	0.32891	-0.2202	-0.1388	-0.014	0.31159	0.0209
PKH_060720	-0.891	-1.0406	-1.1113	-0.8318	-0.7925	-0.4004	-0.6686
PKH_072460	0.75008	0.56504	0.71275	0.81547	0.52862	0.46346	1.20787
PKH_071210	0.76182	0.55814	0.47767	0.38553	0.34785	-0.1245	-0.4502
PKH_030050	0.28969	0.51101	0.46737	0.34736	0.4856	0.59296	1.28268
PKH_062160	-0.5665	-0.6443	-0.6236	-0.6636	-0.8456	-0.8177	-0.9904
PKH_122410	-0.2207	-0.2623	-0.1809	-0.1423	-0.0011	-0.0784	-0.0331
PKH_052440	0.19012	0.21662	0.12167	0.15632	0.00337	0.00259	0.2078
PKH_080630	0.65169	0.9608	0.84594	0.65212	0.74362	0.57646	0.21678
PKH_120460	-0.1196	-0.085	-0.1154	0.05496	0.06775	-0.0415	-0.1946
PKH_101790	-0.0092	-0.0103	-0.1138	-0.3335	-0.4039	-0.2279	-0.0487
PKH_082080	-0.4827	-0.3374	-0.6307	-0.3859	-0.4135	-0.6063	-1.9709
PKH_131850	0.17887	0.15482	0.3092	0.22148	0.23252	0.35729	0.63313
PKH_092730	-0.0834	-0.2567	-0.2364	-0.4849	-0.1834	-0.2299	-0.2725
PKH_144210	0.51757	0.30696	0.58289	0.53388	0.42593	0.47546	0.73619
PKH_131460	0.24699	0	-0.2259	-0.6959	-0.9498	-1.4306	-1.4843

PKH_061360	0.98358	1.06114	1.03541	0.73713	0.65795	-0.5889	0.18973
PKH_093920	-1.8182	-2.3063	-1.9633	-1.7854	-1.1065	-0.575	-0.1031
PKH_126560	0.77163	0.79336	0.62905	0.51165	0.45344	0.43312	0.23705
PKH_120330	-0.5986	-0.7097	-0.5049	0.48315	0.93306	1.01516	0.744
PKH_113060	-0.0141	-0.1357	-0.1472	-0.3724	-0.3223	-0.3456	-0.1842
PKH_073440	-0.9847	-0.8016	-1.0868	-0.9242	-0.9179	-0.9941	-1.4828
PKH_144480	0.50759	0.91154	1.07574	0.82272	0.59086	0.51573	0.5231
PKH_143930	0.36643	0.42892	0.41	0.30374	0.20189	0.33493	-0.13
PKH_090550	0.38585	0.65878	0.34591	0.42127	0.12085	0.44999	0.01642
PKH_091530	-0.8272	-0.9425	-0.7014	-0.0877	0.35265	0.54578	0.30453
PKH_061050	0.80725	0.6559	0.81659	0.55646	0.6836	0.6031	0.83729
PKH_041180	0.00298	0.00775	0.06429	-0.1357	-0.1392	0.03521	0.26728
PKH_134090	0.11295	0.33726	0.34082	0.20515	0.26566	-0.1054	-0.4128
PKH_000420	-0.2571	-0.5791	-0.2134	-0.4274	-0.4539	-0.3292	-0.1188
PKH_133520	0.36232	0.74497	1.27985	1.01111	0.9438	0.84192	0.63224
PKH_080070	0.15612	-0.7625	-1.3908	-2.2255	-1.0518	0.51618	1.22691
PKH_133500	0.73747	0.44472	0.35279	0.28841	-0.0502	-0.0131	0.39851
PKH_093830	0.14731	0.26802	0.35364	0.33538	0.47594	0.61251	-0.024
PKH_070040	-1.4016	-1.4299	-1.3133	-1.1969	-1.0041	-1.0211	-1.5683
PKH_130760	-0.2688	0.01125	-0.2029	-0.4577	-0.4252	-0.5813	-0.6432
PKH_091820	-0.3792	-0.1882	0.00369	-0.0654	-0.2076	-0.3269	-1.9384
PKH_127000	0.00907	-0.2388	0.26299	0.23901	0.11065	0.08891	-1.3847
PKH_122400	-0.5213	-0.5238	-0.6049	-0.514	-0.542	-0.4419	-0.4236
PKH_124210	-0.2646	-0.1762	0.03527	0.15388	0.37024	0.33345	0.39767
PKH_071840	0.41491	0.2888	0.14501	0.28268	0.14426	0.26574	0.2772
PKH_080670	0.5707	0.45891	0.39695	0.33284	0.40689	0.17075	0.33436
PKH_052600	0.5931	0.34832	0.44511	0.56728	0.49508	0.23502	-0.1797
PKH_123510	0.37325	0.18825	0.00124	-0.0237	0.00228	-0.2421	-0.2471
PKH_114680	-0.6578	-0.7378	-0.7612	-1.0578	-0.7115	-0.5945	-0.3561
PKH_124560	-0.0018	0.14278	0.14472	0.01023	-0.0837	-0.1385	0.26803
PKH_126170	-0.017	0.25148	0.13867	0.19867	0.3253	0.31886	0.28307
PKH_050120	0.10877	-0.0255	0.24778	0.27172	0.28107	0.37987	0.20152
PKH_145640	0.48965	0.5524	0.64672	0.66286	0.5183	0.49874	0.58603
PKH_072770	0.06991	-0.0143	0.00357	0.06828	-0.0187	0.02221	-0.5421
PKH_133040	-0.1738	-0.4359	-0.4324	-0.2953	0.13909	0.4972	0.89342
PKH_031150	-1.4944	-1.4158	-1.5312	-1.4962	-1.1376	-1.225	-1.9908
PKH_072420	0.51932	0.63338	0.62336	0.52756	0.51142	0.37824	0.58727
PKH_011710	-0.2052	-0.121	-0.8867	-0.0216	-1.0991	-0.2213	-0.8647
PKH_126060	0.43414	0.26208	0.20221	-0.172	-0.52	-0.8259	-0.4756
PKH_100800	0.32499	0.07468	0.0624	0.09309	0.1864	0.11507	0.36968
PKH_112210	0.44256	0.42383	0.52645	0.7174	0.60865	0.52689	0.97061
PKH_142620	0.65084	0.80159	0.88155	0.85651	0.82372	0.45291	-0.2107
PKH_100420	0.64237	1.02029	1.27358	1.183	1.00968	0.79638	0.77883
PKH_110920	0.20925	0.21965	0.1488	0.07108	0.31953	0.40816	0.49499
PKH_127070	0.43282	0.26551	0.22111	-0.1725	-0.5139	-0.3423	-0.0104
PKH_050900	-0.8208	-0.6338	-0.5696	-0.6542	-0.6078	-0.8008	-0.8483
PKH_031940	0.05685	-0.1175	-0.5343	-1.1189	-0.9954	-0.8169	-0.3657
PKH_092540	0.55947	0.50374	0.47289	0.31232	0.65569	0.70487	0.86515
PKH_050790	0.1568	0.34339	0.2166	0.17882	-0.2734	-0.3884	-0.5132
PKH_124300	0.26135	0.38113	0.56755	0.67388	0.46698	0.47919	0.33389
PKH_011320	-0.716	-0.5619	-0.8719	-1.1621	-1.2697	-1.2888	-1.889
PKH_102750	-0.9515	-1.0441	-0.6715	-0.7434	-0.9014	-0.7062	-0.6935
PKH_072850	-1.0057	-1.6669	-1.5751	-0.4649	0.47478	1.07947	1.02223
PKH_081010	-0.9433	-0.9398	-1.0088	-1.2813	-1.4078	-1.4276	-1.4952
PKH_070140	-0.0077	0.03038	-0.0643	-0.0314	-0.0445	0.00889	0.01816
PKH_134300	0.07116	0.39189	0.25938	0.13339	-0.2188	-0.6056	-0.7978
PKH_030590	-0.0922	0.04878	-0.164	-0.0665	-0.1228	0.01494	-0.1185
PKH_132300	-0.3133	-0.1924	-0.3516	-0.1689	-0.2428	-0.1494	-0.1842
PKH_101560	-0.0789	-0.1049	-0.332	-0.2948	-0.0307	-0.2064	0.21188
PKH_141910	-0.0893	0.3332	0.44617	0.52762	0.18732	-0.0465	-0.1149
PKH_051540	-0.9711	-0.9536	-0.7932	-0.9217	-0.9435	-0.8934	-1.37
PKH_125820	0.6466	0.76523	0.79239	0.63775	0.68943	0.65786	0.78776
PKH_011500	-1.0596	-1.0086	-1.1337	-1.3065	-1.235	-1.1402	-1.3289

PKH_140750	0.32277	0.21296	0.20583	0.03871	0.05538	0.07802	0.27685
PKH_031220	0.38308	0.10477	-0.1461	-0.4711	0.02874	0.15408	0.40783
PKH_145690	0.32995	0.26852	0.05974	0.0934	0.06433	0.02194	0.04401
PKH_030690	0.66556	0.53345	0.0432	0.4102	0.65704	0.59982	0.92004
PKH_111150	0.3343	0.4841	0.22812	0.10667	0.13571	0.08517	-0.0243
PKH_122330	0.03233	-0.0549	0.12292	0.23312	0.03716	0.04706	-1.2353
PKH_102800	0.68023	0.67442	0.72186	0.73773	0.51488	0.45091	0.27033
PKH_061240	-0.5649	-0.4963	-0.8646	-0.5117	-0.5418	-0.6788	-2.2342
PKH_111700	-0.03	-0.4219	-0.4217	-0.4436	-0.4461	-0.2439	-0.4048
PKH_050840	0.41038	0.29184	0.61669	0.95128	1.17194	0.81587	0.3155
PKH_090420	0.1966	0.24141	0.24761	0.37107	0.00181	-0.2305	-0.1948
PKH_093970	-0.1227	-0.0474	0.12244	0.33747	0.07938	0.17338	-0.2604
PKH_031320	-0.3225	-0.4402	-0.4564	-0.4969	-0.4456	-0.6476	-0.9149
PKH_130850	0.20719	0.5111	0.71461	-0.183	-0.1636	-0.7843	-1.4694
PKH_000490	-0.4727	-0.8208	-0.9642	-1.1125	-0.3442	0.41596	0.84937
PKH_145940	0.14498	0.23008	0.1153	-0.3944	-0.5343	-0.6388	-0.7672
PKH_060940	-0.2207	-0.4427	-0.5744	-0.4746	-0.207	-0.7215	-1.1637
PKH_140320	0.31719	0.20193	0.24142	0.30421	0.16595	-0.8513	0.075
PKH_142970	0.32774	0.37857	0.37822	0.48134	0.3192	0.26629	0.44901
PKH_090030	0.54134	0.41089	0.52783	0.28715	0.17715	0.29356	0.56197
PKH_123160	0.36914	0.67709	0.76766	0.63383	0.5459	0.40834	0.63956
PKH_050250	-0.2102	0.04963	0.06686	0.11602	-0.053	-0.1014	-0.2508
PKH_081900	-0.6728	-0.6747	-0.7367	-0.4731	-0.6223	-0.4774	-1.3563
PKH_142090	0.68638	0.9412	0.91249	0.64195	0.80769	0.53578	0.43354
PKH_122390	0.59369	0.86311	1.02573	1.37509	1.11277	0.71683	0.65739
PKH_111820	-0.1659	-0.1256	-0.3273	-0.0664	-0.3386	-0.5468	-1.7516
PKH_031780	0.4251	0.38172	0.32255	0.19016	0.22365	0.00091	0.10305
PKH_080770	0.10346	0.02958	-0.1121	-0.1031	-0.0423	0.12149	0.14131
PKH_052650	-0.2902	-0.196	-0.1953	0.03086	-0.2913	-0.5109	-0.8683
PKH_125800	0.38946	0.25812	0.47982	0.86411	0.66359	0.27513	-0.232
PKH_080750	-0.8284	-0.1749	0.06354	0.1909	0.06004	-0.0115	0.32382
PKH_114550	-1.4442	-1.9119	-1.4232	-0.1183	0.49975	0.8241	-0.2803
PKH_120110	0.7131	0.67382	0.97064	0.94319	0.75628	0.50329	0.31663
PKH_010740	-0.4065	-0.7943	-0.4315	-0.4785	-0.3957	-0.3583	-0.7342
PKH_122310	0.13928	0.37314	0.23731	0.09094	0.11413	-0.0021	-0.0343
PKH_072720	-0.1033	-0.1431	-1.0329	-0.3879	-0.5159	-0.5015	-1.4447
PKH_122600	0.79713	0.58566	0.62625	0.53129	0.66827	0.43576	0.48478
PKH_124290	0.48693	0.31608	0.23426	0.14607	0.33053	0.30516	0.52065
PKH_082290	0.23006	0.22373	0.32265	0.46683	0.09025	-0.0803	-0.051
PKH_092720	-0.215	-0.3634	-0.5805	-0.8229	-1.0655	-0.7527	-0.3076
PKH_082810	0.70635	0.94652	1.02851	0.8631	0.46757	0.31737	0.48185
PKH_081550	0.05263	0.10297	0.4892	0.05354	0.35736	0.11014	-0.5804
PKH_000650	-0.3549	-0.5138	-0.3817	-0.5249	-0.5743	-0.6983	-1.524
PKH_041720	-0.0783	-0.0564	-0.2325	-0.3402	-0.5592	-0.4197	-0.424
PKH_112630	0.83429	1.04047	0.92424	0.49645	-0.0896	-0.3145	-0.3044
PKH_133510	0.3038	0.46955	0.44696	0.01402	-0.1534	-0.1958	-0.2967
PKH_124940	0.15754	0.0695	0.15669	0.27518	0.23891	0.24788	-0.9623
PKH_083250	-0.2498	0.11892	0.29692	0.66546	0.51711	0.37773	0.20383
PKH_100380	-1.0003	-1.6772	-1.3464	-0.2592	0.85413	1.02014	1.10134
PKH_102920	-0.13	-0.2286	-0.4382	-0.6048	-0.4108	-0.6531	-0.4004
PKH_113100	-0.1508	-0.0045	-0.002	-0.0068	-0.079	-0.1586	-0.1586
PKH_070860	-0.1403	0.05604	0.36475	0.359	0.23551	0.12223	-0.0843
PKH_092520	-0.5374	-0.5047	-0.2978	-0.1722	-0.1495	-0.2432	-0.7582
PKH_070440	0.24899	-0.029	-0.1584	-0.0167	0.02951	0.00223	0.06543
PKH_126640	1.08374	1.20814	0.93203	0.73979	0.42945	0.20922	0.04939
PKH_144300	-1.6397	-1.5985	-1.6617	-1.8357	-1.5826	-1.3661	-1.4488
PKH_051220	-0.3842	-0.4263	-0.5986	-0.7125	-0.7114	-0.6397	-1.0773
PKH_090250	-1.2222	-1.0115	-0.998	-0.5016	-0.6158	-0.1872	-0.3273
PKH_140230	0.98285	0.91135	1.11654	1.00167	1.17511	1.10986	0.91035
PKH_130920	-0.6937	-0.6018	-0.8103	-0.7101	-0.5602	-0.8173	-2.0094
PKH_051981	0.68824	0.67535	0.85106	0.95269	0.83094	0.59861	0.59247
PKH_050180	-0.0138	-0.0855	-0.1613	-0.1156	-0.3099	-0.3495	-0.5217
PKH_140910	-0.3317	-0.5042	-0.4794	-0.1886	0.26654	0.92595	1.11454

PKH_132370	-0.0616	-0.0711	0.18804	0.16433	0.11557	0.09684	0.23795
PKH_093240	-0.001	-0.1094	-0.2579	-0.0169	-0.1938	-0.2232	-0.3889
PKH_091150	0.13001	0.03595	0.06682	0.02934	0.10363	0.10576	-0.0193
PKH_070630	0.27857	0.18488	-0.1863	-0.4185	-0.5307	-0.8179	-0.4804
PKH_110260	-0.1621	0.03299	0.1065	0.06175	0.35637	0.30644	0.20133
PKH_121100	0.24433	0.74935	1.12037	1.21859	1.0673	0.46608	-0.2668
PKH_134180	0.08166	0.09032	0.30412	0.42117	0.46205	0.42039	0.26146
PKH_051810	-0.3526	-0.3602	-0.387	-0.0966	-0.0419	0.064	-0.1881
PKH_126220	0.24827	0.18051	0.44392	0.41143	0.50622	0.51193	0.53738
PKH_061590	-0.094	0.18557	0.22747	0.35541	-0.1234	-0.3159	-0.1133
PKH_090750	0.43854	0.30274	0.06346	0.06595	0.17388	0.28855	0.36835
PKH_122010	0.4442	0.37898	0.03138	-0.0928	-0.5257	-0.3874	0.28776
PKH_143980	-0.3457	-0.2226	-0.2158	0.00269	-0.1198	-0.0125	-0.4714
PKH_133190	-1.2907	-0.9449	-0.7844	-0.9482	-1.5527	-1.7153	-2.5234
PKH_082650	0.0461	-0.11	0.03986	0.14463	-0.0098	0.01083	-0.1672
PKH_010780	0.34332	0.53818	-0.1346	-0.3663	-0.6456	-0.5637	-0.2497
PKH_081290	-0.3203	-0.4223	-0.5095	-0.5185	-0.0731	0.0686	0.00057
PKH_060800	-0.197	-0.47	-0.5224	-0.2329	-0.0437	0.07004	0.10189
PKH_030580	-0.2237	0.06947	0.08771	0.35306	-0.0994	-0.1338	-0.4556
PKH_110530	-0.5619	-0.5884	-0.833	-0.6846	-0.6956	-1.1193	-0.8931
PKH_030510	-1.0629	-0.943	-0.8328	-0.7924	-0.5893	-1.112	-2.0844
PKH_062260	-0.1884	-0.3056	-0.4249	-0.5689	-0.4544	0.09734	0.52757
PKH_051600	-1.2103	-1.189	-1.311	-1.1429	-1.2903	-1.4224	-3.1062
PKH_144440	-1.4538	-1.4629	-1.2494	-1.0937	-0.8205	-0.4212	-0.7543
PKH_061460	0.12257	0.13609	-0.0564	0.07011	-0.0207	0.20863	0.81932
PKH_072310	-0.5043	-0.6636	-0.788	-1.0208	-1.0699	-1.1171	-1.2175
PKH_102510	0.35806	0.07265	0.06259	0.2519	0.1465	0.27664	0.00413
PKH_072940	0.60734	0.4869	0.30069	0.14316	0.25956	0.49033	0.73405
PKH_125410	-0.0353	0.15243	0.23055	0.09104	-0.0243	-0.2433	-0.2065
PKH_133030	0.23803	0.19195	0.19707	-0.0142	-0.0958	-0.0803	0.26812
PKH_011340	-0.0926	-0.8876	-1.4096	-1.8081	-0.4411	0.53336	0.71737
PKH_073220	-0.5122	-0.6525	-0.849	-0.9687	-0.9519	-0.8831	-0.9671
PKH_130930	0.37647	0.66054	0.5092	0.21304	-0.2561	-0.6201	-0.8874
PKH_080180	-0.0121	0.30014	0.33554	0.55605	0.38165	0.62043	0.30596
PKH_102760	0.8233	0.95194	1.13093	0.83193	0.78477	0.60381	0.36809
PKH_050830	-0.3006	-0.0417	-0.0751	-0.0715	-0.0419	-0.2561	-0.0802
PKH_114580	0.18384	-0.0276	-0.2507	-0.2758	-0.343	-0.1531	-0.3947
PKH_030550	0.20645	0.26617	0.2109	0.03233	-0.0026	-0.2287	-0.0295
PKH_146390	0.45385	0.65928	0.83145	0.40194	0.31748	0.39207	0.54353
PKH_061310	-0.9886	-0.7026	-0.6562	-0.324	-0.6613	-0.6084	-0.5992
PKH_082920	-0.1077	-0.2664	-0.2091	0.07859	-0.022	-0.2181	-1.6369
PKH_020570	0.83249	0.30902	-0.3544	-0.4659	-0.4842	0.45032	1.12317
PKH_114850	0.18868	-0.165	-0.4687	-0.662	-0.7406	-0.4531	0.13733
PKH_100370	-0.0667	0.03283	-0.2163	-0.0331	-0.0229	-0.2387	-0.3611
PKH_100790	-0.42	-0.3569	-0.4651	-0.5339	-0.8122	-0.8731	-0.7824
PKH_144250	0.62997	0.63373	0.92	0.78003	0.63604	0.66167	0.42906
PKH_102640	0.29576	0.20348	0.36079	0.31304	0.53276	0.52029	0.38403
PKH_132950	0.63194	0.84028	0.59668	0.35833	0.45612	0.44242	0.77073
PKH_121460	0.3138	0.48263	0.36335	0.29378	0.01826	-0.2591	-0.1843
PKH_020450	-0.0331	-0.67	-1.0962	-0.7707	0.62228	1.25142	1.91901
PKH_144880	-0.2266	-0.5275	-0.4754	-0.4171	-0.4286	-0.2998	-0.5201
PKH_020330	-0.4209	-0.0545	-0.1982	-0.063	-0.3381	-0.5228	-0.8746
PKH_082660	-0.2985	0.02155	-0.17	-0.2606	-0.3044	-0.5843	-0.4845
PKH_140680	-0.1971	-0.5097	-0.2783	-0.1004	0.26693	0.41694	0.6431
PKH_122050	-0.5769	-0.4675	-0.6979	-0.7714	-0.6425	-0.4169	-0.405
PKH_123840	0.39192	0.33889	0.43684	0.23436	-0.0693	0.22827	0.53504
PKH_060080	0.57339	0.32089	-0.6096	-1.1579	-0.8949	0.34546	0.96566
PKH_145790	0.59419	0.46899	0.49325	0.40281	0.22184	0.32609	0.94969
PKH_080740	-0.1439	-0.0041	-0.1596	-0.058	0.00369	-0.1141	-0.6433
PKH_146430	0.233	0.22777	0.4716	0.46042	0.49671	0.27366	-0.0068
PKH_131550	-0.724	-0.6587	-0.3892	-0.1194	-0.3929	-0.3638	-0.212
PKH_061190	0.47044	0.54471	0.48453	0.32055	-0.0043	-0.1263	-0.3087
PKH_051710	-1.1624	-0.9255	-1.0233	-1.032	-1.134	-1.3316	-1.5374

PKH_102660	-0.414	-0.531	-0.8635	-0.1543	-0.3681	-0.3755	-1.5964
PKH_092900	0.65182	0.49697	0.41073	0.1422	-0.0372	-0.1143	-0.2818
PKH_041170	0.12263	0.02287	-0.0788	-0.0863	-0.1673	-0.1579	-0.1049
PKH_080360	-0.0934	0.03962	-0.0506	0.02221	-0.0965	-0.0865	0.09455
PKH_072020	0.2371	0.33726	0.18048	0.23878	0.0935	-0.0778	-0.0042
PKH_060850	0	0	0	0.27155	0.06743	0	-0.608
PKH_132770	0.20048	0.39578	0.62684	0.19544	0.53455	0.51329	0.27793
PKH_112160	-0.415	-0.8923	-0.7839	-0.951	-0.7255	-0.671	-0.969
PKH_126190	0.48935	0.6438	0.61838	0.70262	0.46043	0.23479	0.33496
PKH_130030	0.19535	0.29357	0.34853	0.2595	0.28328	-0.0731	0.27156
PKH_126730	0.33816	0.23784	0.14649	0.19554	0.20139	0.13017	0.29498
PKH_030920	-0.265	-0.6278	-0.6925	-0.8039	-0.6916	-0.7836	-1.2803
PKH_144270	-0.5463	-0.4931	-0.5287	-0.6375	-0.5521	-0.5628	-0.2794
PKH_126360	-0.4741	-0.5338	0.00558	0.45353	0.57193	0.73694	0.2587
PKH_040580	-0.0082	-0.1742	-0.2122	-0.1159	0.20674	0.265	-0.2198
PKH_051610	-0.2793	0.09638	0.14195	0.01997	0.06788	0.00409	-0.504
PKH_130950	-0.283	-0.2121	-0.1522	-0.3107	-0.3453	-0.2657	-0.2158
PKH_142900	0.30866	0.35969	0.60616	0.8194	0.59086	0.64612	0.28196
PKH_100590	0.041	0.21295	0.34042	0.52275	0.33508	0.14605	-0.0793
PKH_082690	0.14036	0.10048	0.10771	0.25223	0.0805	0.04326	-0.2947
PKH_133790	-0.0187	0.09384	0.06025	-0.2811	-0.2843	-0.5091	-0.5529
PKH_062230	0.20352	0.42565	0.80949	0.65549	0.72215	0.67606	0.65656
PKH_131040	0.58278	0.69566	0.62884	0.60764	0.67264	0.46368	0.76274
PKH_060990	-0.5225	-0.5617	-0.6696	-0.8151	-0.7789	-0.7373	-0.8079
PKH_060480	0.32979	0.54483	0.59281	0.4912	0.45757	0.33902	0.16312
PKH_111810	-0.1853	-0.3528	-0.2216	-0.0229	0.41526	0.44868	0.23882
PKH_090930	0.06632	0.11206	0.42933	0.49475	0.37371	0.24903	0.50518
PKH_091520	-0.0954	0.34368	0.28754	0.52648	0.45852	0.43498	0.24385
PKH_031660	-0.4736	-0.4565	-0.6674	-0.2774	-0.4582	-0.4991	-2.0497
PKH_030720	0.58565	0.45807	0.05523	0.19241	0.09643	-0.2068	-0.3257
PKH_120800	0.00821	-0.0925	-0.3	-0.1868	-0.2179	-0.1995	-0.3947
PKH_120700	-0.4142	-0.1005	-0.2084	-0.0435	0.04236	-0.0802	-0.209
PKH_143800	-0.056	0.00344	-0.0899	-0.0878	0.25103	0.10018	-0.7395
PKH_070430	-0.4123	-0.078	-0.0105	0.07684	-0.2242	-0.3664	-1.1958
PKH_124650	0.48695	0.36993	0.43951	0.62341	0.50285	0.6315	0.3881
PKH_133390	0.18615	-0.0142	-0.0222	-0.0183	0.22616	0.29611	0.29785
PKH_134490	0.75992	0.66535	0.75406	0.77968	0.47122	0.52338	0.55711
PKH_080510	0.08885	-0.0662	0.04475	-0.152	-0.1552	-0.1693	-0.1246
PKH_125980	-1.295	-1.138	-0.9055	-0.832	0.01917	0.10513	0.1352
PKH_031770	-0.8642	-0.7003	-0.6816	-0.5385	-0.8033	-0.6024	-1.3142
PKH_094420	-0.3204	-0.146	-0.1652	-0.1325	-0.2518	-0.1281	-0.5307
PKH_083370	-0.519	-0.2945	-0.5272	-0.8647	-0.1834	-0.3592	-0.8575
PKH_083120	-0.217	-0.4162	-0.5318	-0.5117	-0.3484	-0.7515	-0.785
PKH_090850	-0.2818	-0.1863	-0.1617	-0.2117	-0.2332	-0.1252	-0.385
PKH_124820	0.08185	0.342	0.76937	0.83283	0.58664	0.87184	0.39545
PKH_114840	0.50457	0.20563	0.19372	-0.1066	-0.0978	0.34405	0.90689
PKH_010120	-1.5527	-1.3139	-1.4988	-1.5714	-1.7701	-1.8795	-3.7229
PKH_111460	-0.4946	-0.4635	-0.1792	-0.4956	-0.3641	-0.2412	-0.2814
PKH_051420	-0.774	-1.1369	-1.1201	-0.5908	0.17628	0.62684	0.3704
PKH_111900	0.1336	0.24346	0.47032	0.83908	0.54508	0.38198	-0.0705
PKH_100390	0.17603	-0.082	-0.1114	0.08148	0.48804	0.72616	0.4324
PKH_133050	-0.2389	-0.2399	-0.1254	0.15939	0.35739	0.56636	0.51799
PKH_080730	-0.3702	-0.2771	-0.3856	-0.2906	0.03146	0.24912	-0.4956
PKH_132810	-0.4289	-0.3883	-0.0451	0.14528	0.25852	0.13658	0.30058
PKH_111060	0.07461	0.35372	0.41478	0.29757	0.07318	0.0143	0.08947
PKH_132070	0.23168	0.33183	0.27374	0.58571	0.84689	0.58341	0.6896
PKH_010750	-1.3917	-0.9698	-1.03	-1.1787	-0.9253	-0.993	-1.7582
PKH_040150	0.14008	0.10049	0.16158	0.17252	0.0681	0.12817	0.17665
PKH_020900	-0.5655	-0.9745	-0.7537	-0.9478	-0.5423	-0.2701	-0.2771
PKH_090610	-0.3405	-0.327	-0.3458	-0.6156	-0.54	-0.6535	-0.1639
PKH_114530	-0.2474	-0.1015	-0.0737	-0.2241	-0.1272	-0.0456	-1.2563
PKH_132570	0.24613	0.3285	0.12794	0.4222	0.1418	0.05856	-0.1715
PKH_011540	-0.9358	-0.6964	-0.9121	-1.5422	-0.8563	-0.7937	-1.3923

PKH_031330	-0.2889	-0.1071	-0.1008	-0.1248	0.05082	-0.0082	0.19858
PKH_130240	0.93234	1.02458	1.12291	1.14555	0.82271	0.42194	0.28423
PKH_091180	0.68496	0.83407	0.84087	0.63608	0.62759	0.32414	0.17815
PKH_121170	0.10784	-0.0668	-0.603	-1.0581	-1.3565	-1.5889	-1.5926
PKH_113470	-0.5992	-0.9856	-0.9866	-1.2731	-0.7364	-0.2266	-0.3921
PKH_011260	-1.8316	-1.9134	-1.6353	-1.1294	-0.6668	-0.4941	-1.5268
PKH_061120	-0.245	-0.1308	-0.2694	-0.4779	-0.2498	-0.2456	-0.8268
PKH_140500	0.39224	-0.0054	-0.235	0.09764	0.04028	-0.2014	0.57841
PKH_090300	0.87476	0.85968	0.98397	1.146	0.6624	0.4536	0.2231
PKH_082270	-0.3909	-0.3078	-0.4024	-0.4679	0.33006	0.84032	0.65776
PKH_101680	0.18376	0.20466	0.30914	0.57788	0.37326	0.39189	0.17186
PKH_122640	-0.2162	-0.2213	-0.1683	-0.2752	-0.195	-0.1603	-0.4189
PKH_081340	-0.0995	0.04688	0.11616	0.2397	0.2236	0.32459	0.00429
PKH_082840	0.01672	-0.0277	0.08817	-0.0424	0.09733	0.02198	-0.2681
PKH_144010	0.46457	0.49918	0.44576	0.52762	0.15086	0.48061	-0.0871
PKH_121600	-0.0152	-0.0567	0.07405	-0.1426	0.00977	0.54218	0.81558
PKH_072600	-0.3412	-0.5134	-0.6655	-0.4204	-0.4677	-0.2786	-0.3405
PKH_021210	0.54059	0.80125	0.80817	0.63258	0.21102	0.03426	-0.4583
PKH_120280	0.45194	0.56713	0.4806	0.5079	0.17345	0.09311	-0.2241
PKH_062190	-0.6109	-0.5721	-0.5546	-0.4175	-0.5233	-0.334	-0.418
PKH_144900	-0.3073	-0.414	-0.7255	-0.7507	-0.8942	-0.9729	-1.1896
PKH_082300	0.78888	0.44109	0.06298	-0.3919	-0.2844	0.07311	0.8104
PKH_113070	0.43327	0.50069	0.59396	0.49923	0.01022	-0.1569	-0.1759
PKH_121390	0.94176	0.78082	0.5278	0.36511	0.27327	0.52779	0.83199
PKH_052130	-0.8458	-0.7025	-0.5419	-0.5348	-0.4387	-0.3464	-0.7429
PKH_071290	-0.1396	-0.0156	0.09927	0.38378	-0.0507	-0.1365	-0.6585
PKH_041450	-0.2828	-0.4142	-0.3405	-0.4623	-0.2935	-0.2134	-0.3263
PKH_050770	0.07716	-0.2974	-0.2217	-0.0956	-0.0396	-0.1022	-0.6647
PKH_126830	-0.0699	-0.0484	0.11564	0.20695	0.08224	-0.0447	-1.4181
PKH_020060	-0.1614	-0.3934	-0.5337	-0.9755	-0.6796	-0.7359	-0.042
PKH_123350	0.41305	0.44842	0.69935	0.52244	0.5087	0.55492	0.36252
PKH_140100	0.53717	0.82012	0.82806	1.06199	1.01814	0.66695	0.23822
PKH_070930	0.22667	0.30731	0.25683	0.35696	0.24049	0.15478	0.16081
PKH_122750	0.67095	1.00083	1.07131	1.51417	1.17883	0.93271	1.09797
PKH_091470	0.46354	0.45229	0.14597	0.68367	0.41224	0.42374	0.46831
PKH_113760	0.14625	0.25701	0.1494	-0.0326	0.07564	0.04747	-0.0437
PKH_121570	-0.1442	-0.2341	-0.2585	-0.1806	-0.2628	-0.2768	-1.7971
PKH_146650	0.27854	0.21229	0.29168	0.24504	0.36614	0.29599	0.44901
PKH_040920	0.73372	0.72116	0.62307	0.73276	0.54996	0.22943	0.31493
PKH_040120	0	-0.1277	-0.5885	-0.525	-0.7775	-0.9518	-0.9564
PKH_146480	1.11408	1.07796	1.06004	0.67227	0.82709	0.68014	0.72148
PKH_110080	0.54075	0.58034	0.48644	0.65173	0.33053	0.20696	0.37108
PKH_093070	0.58646	0.59352	0.31935	0.41129	0.24705	0.15956	0.55893
PKH_093570	-0.1092	-0.1685	-0.272	-0.0016	-0.0257	-0.1486	-0.1278
PKH_111100	-0.1779	-0.1288	0.28816	0.32402	0.23159	0.49802	0.06158
PKH_081140	0.20295	0.2707	0.23695	0.39175	0.24509	0.07381	-0.4388
PKH_120100	0.04441	-0.3942	-0.454	-0.6916	-0.3693	0.38093	0.74232
PKH_011200	-1.1532	-1.0956	-0.9686	-0.7322	-0.7801	-1.0513	-2.8361
PKH_031840	0.52477	0.53559	0.49188	0.36931	0.01474	-0.1554	-0.1471
PKH_101940	-0.2075	-0.0537	-0.0916	-0.0244	-0.0852	0.16993	-0.2594
PKH_041640	-0.6186	-0.3112	-0.0921	-0.0275	0.24979	0.054	-0.5046
PKH_011730	0.94284	0.71275	0.5937	0.19153	-0.1029	-0.0961	0.61409
PKH_061060	0.17027	0.09709	-0.0108	-0.1191	-0.1307	-0.1491	-0.1649
PKH_072470	0.41754	0.4809	0.56826	0.75343	0.46819	0.59499	0.64469
PKH_090640	-0.0622	-0.2077	-0.3875	-0.4886	-0.5649	-0.3894	0.18059
PKH_142240	-0.4766	-0.2547	0.00091	-0.0017	0.03872	-0.0462	-0.2074
PKH_051740	0.90874	1.06317	1.05958	0.61841	0.67368	0.10032	-0.5128
PKH_133530	-0.8464	-1.2378	-0.5749	-0.3529	-0.5749	-0.2748	-0.7554
PKH_010210	-0.2168	-0.5058	-0.7791	-0.613	-0.404	-0.409	-1.0418
PKH_134430	-0.1126	-0.1393	0.20695	0.11395	0.45753	0.62322	0.41157
PKH_071100	0.4917	0.54214	0.47208	0.40989	0.41152	0.15469	0.26241
PKH_101150	-0.5447	-0.6887	-0.5235	-0.5943	-0.7136	-0.5719	-0.5787
PKH_123070	0.26707	0.28581	0.33572	-0.0024	0.2786	0.29443	0.26743

PKH_100330	0.30738	0.26462	0.22783	0.22358	0.3691	0.00668	0.29982
PKH_093640	0.34178	0.39082	0.35601	0.29994	0.23932	0.41632	0.50995
PKH_110280	-0.005	-0.0286	-0.4234	-0.0987	-0.3249	-0.417	-0.9472
PKH_121070	-0.5574	-0.5495	-0.399	-0.2055	-0.0094	0.10052	-0.2771
PKH_070880	0.50476	0.26281	0.09574	0.24733	0.23776	-0.0941	-1.0685
PKH_061080	-0.3611	-0.1956	-0.2035	-0.3475	-0.2651	-0.3368	-0.2124
PKH_071600	0	-0.2773	-0.1299	-0.4118	-0.1259	-0.2763	0.11313
PKH_140700	0.28092	0.6246	0.9587	1.21498	1.03379	0.69002	0.57764
PKH_102030	-0.8229	-0.6084	-0.4844	-0.517	-0.8366	-0.9495	-0.9014
PKH_091460	-0.0742	-0.0986	-0.0903	-0.2353	0.07606	-0.0674	-0.0522
PKH_091480	-0.4065	-0.514	-0.5162	-0.1932	-0.0181	0.28512	0.40741
PKH_094480	0.27606	0.34908	0.49831	0.41865	0.46032	0.40031	0.8034
PKH_124320	0.08087	0.00924	0.08449	0.16834	0.14779	0.27003	-0.0789
PKH_146130	0.23811	0.33491	0.27931	0.38466	0.10069	0.03264	0.27355
PKH_130555	-0.12	-0.2055	-0.0585	-0.1757	0.08851	-0.0491	-0.3479
PKH_083040	0.17897	0.15508	0.37872	0.5996	0.47745	0.42055	0.61857
PKH_011610	0.26635	0.74221	0.43925	0.85612	0.11648	-0.0951	-0.274
PKH_040770	0.0506	0.11278	0.45157	0.2346	0.16449	0.07873	-0.1733
PKH_144040	0.38528	0.28284	0.23129	0.05622	0.35573	0.16433	-0.8226
PKH_092270	0.50389	0.47614	0.39197	0.56479	0.38884	-0.0432	-0.3736
PKH_060570	-0.7535	-0.4616	-0.6771	-0.6416	-0.5613	-0.7526	-0.8631
PKH_111370	-0.0136	0.00121	-0.0267	-0.1018	-0.101	-0.0743	-0.2474
PKH_111430	-0.2196	-0.0959	-0.1143	-0.2911	-0.4413	-0.3465	-0.477
PKH_062330	0.31226	0.14607	0.03334	-0.0212	0.10544	0.15811	0.50589
PKH_092410	-0.4059	-0.4571	-0.5717	-0.7583	-0.8035	-0.6519	-0.4713
PKH_120690	-0.2959	-0.1654	0.01706	-0.3399	0.0497	-0.0638	0.47536
PKH_123490	0.82153	0.96675	1.27622	1.238	1.03976	0.91232	0.85176
PKH_051040	-1.1939	-1.3691	-0.9855	-0.8299	-0.6692	-0.5838	-0.5924
PKH_132640	-0.0279	-0.1956	-0.2098	-0.266	-0.4259	-0.4095	-0.54
PKH_130800	-1.8441	-1.628	-1.3437	-1.8668	-1.1038	-1.0576	-1.8559
PKH_093190	0.71697	0.69577	0.23359	-0.2158	-0.3456	-0.7585	-1.0511
PKH_052730	-0.31	-0.2748	-0.9377	-0.2715	-1.1564	-0.8849	-0.9377
PKH_041300	-0.1512	-2.0799	-0.1471	0.2057	-0.1152	-0.1545	0.58957
PKH_120740	0.36007	0.16156	-0.0452	-0.5308	-0.5363	-0.3843	-0.1416
PKH_124810	0.59573	0.61341	0.39399	0.43706	0.34712	0.18741	0.59428
PKH_140850	0.89595	1.01124	1.02462	0.91807	0.73346	0.34334	0.3575
PKH_112400	-0.0712	-0.0587	0.06477	0.1792	-0.1675	-0.3729	-0.16
PKH_082530	0.17084	-0.2099	-0.3396	-0.244	-0.0763	-0.0231	0.64472
PKH_072160	0.03765	-0.0296	-0.1043	0.27464	0.21856	0.60489	0.44389
PKH_040960	0.08537	-0.0068	0.04147	0.1747	-0.0391	-0.0153	-0.3091
PKH_121710	0.26341	0.42173	0.71799	0.57178	0.50917	0.29122	0.17619
PKH_132010	0.03051	-0.4757	-0.485	0.25422	0.96187	1.2276	1.33897
PKH_050310	-0.1385	-0.4925	-0.1942	-0.0909	-0.118	-0.2578	-0.2474
PKH_080550	0.34036	0.45081	0.35261	0.12774	0.24092	0.34417	0.22568
PKH_091130	-0.2482	-0.25	-0.1688	-0.3497	-0.2594	-0.0679	0.16603
PKH_133570	0.83664	0.84017	0.67196	0.2188	-0.3227	-0.8809	-0.6414
PKH_051150	-0.7946	-0.7301	-0.5678	-0.4787	-0.1169	-0.333	-0.4556
PKH_072150	-0.2009	-0.0327	0.01378	0.17941	-0.0864	-0.1264	-0.4534
PKH_132510	0.72228	0.53807	0.32828	0.06026	0.17533	0.36111	0.43834
PKH_125010	0.03787	0.42376	0.68939	0.73483	1.181	1.24111	1.30261
PKH_114120	0.00842	-0.0357	0.03596	0.03989	-0.0382	-0.1899	-0.2948
PKH_121900	-0.1488	-0.1609	0.06947	-0.1165	-0.1423	-0.2622	-0.6912
PKH_080190	0.43787	0.47701	0.56511	0.36581	0.48879	0.20025	0.18681
PKH_072010	0.25241	0.64956	0.34596	0.51344	0.18021	0.17949	0.04573
PKH_133760	-0.0508	0.16595	0.25062	0.14647	0.04998	0.12668	0.00999
PKH_100470	0.1026	-0.1215	0.13049	0.0975	-0.1378	-0.0528	-1.3253
PKH_132320	-0.2616	0.21432	0.7015	0.96932	0.81254	0.55586	0.61845
PKH_122150	-0.5595	-0.341	-0.4068	-0.1379	-0.394	-0.3182	-1.5761
PKH_072790	-0.442	-0.231	-0.4068	-0.3728	-0.4297	-0.5987	-0.4047
PKH_113400	0.44455	0.51087	0.36315	0.39429	0.02678	0.04247	0.45835
PKH_080230	-0.1449	-0.9575	-1.6277	-1.4669	0.29348	1.21685	1.52281
PKH_141460	1.01454	0.72532	0.93046	0.6719	0.9447	0.62383	0.97032
PKH_102220	-0.4511	-0.4118	-0.3836	-0.5022	-0.4019	-0.5985	-1.4974

PKH_031520	-0.7233	-0.4659	-0.3509	-0.0047	-0.2282	-0.2365	-0.3858
PKH_111830	-0.3414	-0.1654	-0.2874	-0.2726	-0.1991	-0.1855	0.03712
PKH_123090	-0.3243	-0.3086	-0.0982	0.17646	0.23752	0.23924	0.41662
PKH_132890	-0.4248	-0.587	-0.3332	-0.5543	-0.6303	-0.2339	-0.2814
PKH_131240	-0.1569	-0.022	-0.0546	-0.1779	0.3161	0.07847	-0.4753
PKH_052020	-0.1708	-0.272	-0.6907	-0.3097	-0.5597	-0.7127	-2.0306
PKH_060810	-0.1345	-0.337	-0.4148	-0.262	0.01767	0.11085	-0.1722
PKH_091420	0.7408	0.00236	-0.3866	-0.9349	0.14459	0.9071	1.33296
PKH_040990	-0.3127	-0.0121	0.48252	0.40322	0.44576	0.39899	0.25274
PKH_133950	0.1713	0.38436	0.20978	0.10862	0.04728	0.03063	-0.0581
PKH_130050	0.93484	0.88858	0.89677	0.6079	0.77225	0.5973	0.44314
PKH_122840	-0.7184	-0.5135	-0.4208	-0.6392	-0.6309	-0.7355	-1.1269
PKH_090360	1.02484	0.9611	1.087	0.95967	0.75247	0.52833	0.53326
PKH_081710	-0.0116	0.08228	0.01132	-0.0411	-0.0871	-0.0881	-0.0931
PKH_083260	-0.3866	-0.2057	-0.2629	-0.4275	-0.3743	-0.4749	-0.4659
PKH_070960	0.3082	0.23452	0.17617	-0.0969	0.14056	-0.0181	-0.8246
PKH_082450	-0.541	-0.3754	-0.2649	-0.3854	-0.4847	-0.4447	-0.5722
PKH_141860	-0.2175	0.08372	0.42345	0.59561	0.96667	-0.054	0.62428
PKH_100050	-0.1474	-0.1873	0.05995	-0.2581	-0.2125	-0.3518	-0.2347
PKH_020320	-0.5393	-0.4066	-0.7725	-0.7291	-0.7147	-1.083	-1.3301
PKH_050220	-0.2569	-0.2265	-0.3134	-0.2241	0.02651	-0.1079	-0.1519
PKH_142470	0.30273	0.36156	0.34279	0.51866	0.31887	0.32778	-1.2557
PKH_114640	0.2409	0.22216	0.03203	0.03207	-0.1905	-0.251	-0.514
PKH_110230	-0.0447	-0.1705	-0.1312	-0.16	-0.2281	-0.2178	-0.199
PKH_144280	1.06068	0.94733	0.95938	0.9128	0.76491	0.50578	0.3643
PKH_040160	-0.2918	-0.1911	-0.2205	-0.1419	-0.5351	-0.5019	-0.3569
PKH_146620	0.10194	0.23306	0.50505	0.78901	0.70158	0.68088	0.48764
PKH_030710	-1.004	-0.8942	-1.0223	-0.8588	-0.6618	-0.9351	-1.3957
PKH_090020	0.26223	0.03546	-0.2582	-0.8822	-0.8027	-0.0637	0.71949
PKH_010940	-1.803	-1.4802	-1.9157	-1.7281	-1.7307	-1.8949	-3.6116
PKH_100620	0.40293	0.12477	0.24648	0.08143	0.34608	0.25839	0.13739
PKH_102600	0.47703	0.52424	0.59619	0.45765	0.18328	0.06027	0.05499
PKH_131560	0.59199	0.48916	0.48915	0.45604	0.24011	0.08755	-0.1335
PKH_040600	-0.2168	-0.3152	-0.6209	-0.7935	-0.8178	-0.8308	-0.7733
PKH_061680	-0.0976	0.01405	-0.0084	0.10607	0.02412	0.0267	-1.531
PKH_125630	1.05502	0.67108	0.39335	0.63488	0.75436	1.14184	1.27229
PKH_081020	0.28696	0.53853	0.55335	0.73966	0.23094	0.18873	0.55312
PKH_060440	0.54573	0.74521	0.61104	0.41735	0.49454	0.39016	0.13525
PKH_071380	-0.307	0.13286	0.09305	0.16086	0.14502	0.25922	-0.4347
PKH_142180	0.46224	0.46509	0.45043	0.35996	0.28971	0.16802	0.18547
PKH_093500	0.19031	-0.0198	-0.084	-0.063	0.67476	0.626	0.641
PKH_101880	-1.6953	-1.6945	-1.7616	-1.7148	-1.7645	-1.6161	-1.0732
PKH_111170	0.59796	0.48538	0.37331	0.25855	0.20249	0.10224	0.30004
PKH_083350	-0.4637	-0.58	-0.9633	-1.1625	-1.23	-1.2979	-1.1845
PKH_110900	0.23135	0.39076	0.65779	0.79405	0.70012	0.58124	0.61278
PKH_080490	0.89724	0.95295	0.73011	0.54659	0.42065	0.30894	1.00921
PKH_146850	1.04879	0.91125	1.12368	0.78646	0.89542	-0.1766	0.05654
PKH_071810	0.04689	0.04478	-0.0286	0.00538	-0.2602	-0.2197	-0.5369
PKH_112530	1.1044	1.64294	2.07119	2.0985	1.54712	1.04622	0.28605
PKH_010420	-0.9358	-0.7984	-0.9537	-1.1222	-1.1561	-1.2022	-1.2222
PKH_102930	-0.2569	-0.2558	-0.495	-0.2976	-0.1513	0.00807	-0.1408
PKH_081310	0.24273	0.56563	0.84568	1.0814	1.12208	0.96815	0.55496
PKH_061210	0.53763	0.46392	0.24493	0.27488	0.16894	0.20834	0.27191
PKH_145910	-0.1217	-0.0286	-0.1665	-0.1305	-0.2986	-0.2896	-0.2585
PKH_120410	0.3546	0.72844	0.32386	0.5259	0.18837	-0.0415	0.21718
PKH_060620	-0.3853	-0.2866	-0.1445	-0.1017	-0.1244	-0.2696	-0.2043
PKH_113690	0.86913	1.29311	1.29608	1.05074	0.50326	0.28569	0.16643
PKH_010790	-1.9701	-1.9742	-1.9861	-1.9908	-1.7714	-1.841	-2.5259
PKH_050590	0.14064	0.19935	0.14946	0.09342	0.12893	0.00101	-0.1692
PKH_081000	-0.1038	-0.3091	-0.4284	-0.1646	-0.0785	-0.2837	-0.4406
PKH_011630	-0.6452	-0.6512	-0.2341	0.15428	0.14142	0.38869	-0.0536
PKH_091250	0.81076	0.71354	0.09299	-0.2104	-0.7863	-0.9285	-0.4677
PKH_091190	0.35335	0.62383	0.50593	0.64289	0.66445	0.59952	0.27757

PKH_114190	-0.4478	-0.4127	-0.2693	-0.2181	-0.5122	-0.3444	-0.4041
PKH_031690	-0.3332	-0.207	-0.3773	-0.1601	-0.4137	-0.3103	-1.7547
PKH_092670	-0.4508	-0.824	-0.67	-0.3039	0.0881	0.40727	0.06141
PKH_051590	-0.7657	-0.674	-0.6323	-0.757	-0.986	-0.9534	-1.2199
PKH_083680	-0.1924	0.04983	0.22738	0.74329	0.85383	0.66689	0.5231
PKH_132500	-0.0952	0.08981	-0.2313	-0.0986	-0.5931	-0.9219	-0.763
PKH_102910	-0.2253	-0.2957	-0.3852	-0.3676	-0.4412	-0.4062	-0.538
PKH_123720	0.40425	0.31614	0.20326	0.16681	0.36732	0.5909	0.87089
PKH_120920	0.42246	0.32273	0.29605	0.41123	0.29164	0.15147	-1.1711
PKH_132550	0.71516	0.10581	-0.2286	-1.0245	-0.8887	-0.8521	0.06963
PKH_145960	-0.0834	0.02266	0.09833	0.18498	0.20725	0.1382	0.02542
PKH_041040	0.03127	0.15508	0.3191	0.37608	0.33157	0.39611	0.13296
PKH_050150	0.14006	0.78919	0.67084	1.1005	0.71639	0.32257	0.13077
PKH_091540	0.50335	0.68909	0.47241	0.53273	0.33652	0.10383	0.34432
PKH_124710	-0.1319	-0.1529	-0.1083	0.07296	-0.1405	-0.3288	-1.1807
PKH_072660	0.67817	0.54907	0.37529	0.30003	0.46366	0.27447	0.37015
PKH_070530	-0.2226	-0.2037	-0.384	-0.3846	-0.3959	-0.5235	-0.9108
PKH_083070	0.1205	0.13964	0.07961	0.02912	0.05793	-0.0593	-1.3087
PKH_146970	0.73327	-0.044	-0.5354	-0.6101	0.99574	1.82603	2.14793
PKH_140090	0.42901	0.28417	0.15786	0.35054	0.15971	0.16472	-0.8725
PKH_051370	-0.1265	0.112	-0.1843	0.04513	-0.254	-0.5307	-0.75
PKH_122990	0.50001	0.41325	0.52208	0.47269	0.43619	0.39191	0.2617
PKH_060610	-0.4176	-0.4286	-0.4541	-0.4239	-0.4554	-0.4451	-0.7363
PKH_141900	0.4691	0.44578	0.34757	0.72492	0.66845	0.52735	0.48129
PKH_144620	0.5319	0.61093	0.2904	0.26179	-0.3216	-0.6651	-0.6777
PKH_142540	0.56098	0.50813	0.51807	0.69712	0.84998	1.1848	1.35654
PKH_061200	-1.8061	-1.7434	-1.4886	-1.0321	-0.914	-0.6087	-0.2617
PKH_130090	0.71661	0.88398	0.84654	1.02005	0.85836	0.44225	0.66005
PKH_122280	-0.1305	-0.1855	-0.077	-0.0746	-0.2956	-0.1161	-1.4988
PKH_070470	0.02724	-0.1053	0.06169	0.67915	0.65808	0.67055	0.98362
PKH_113520	-0.4938	-0.7479	-0.1804	0.27461	0.30804	0.49713	0.11387
PKH_072560	0.33816	0.54791	0.77161	0.82996	0.66575	0.44268	0.47268
PKH_052790	0.64335	0.50635	-0.0051	-0.5231	-0.2671	0.56821	1.32132
PKH_141200	0.5874	0.26592	0.35589	0.15542	0.2782	0.22711	0.45044
PKH_134470	-0.452	-0.2988	-0.2472	-0.0863	-0.0504	0.02956	-0.4262
PKH_090470	-0.1734	-0.1389	0.13704	0.1847	0.06962	0.15662	-1.1564
PKH_080090	-0.1387	-0.2288	-0.1757	-0.0774	-0.1179	0.03778	-0.1355
PKH_083620	-0.3751	-0.4937	-0.2903	-0.4358	-0.1542	-0.1218	-0.1336
PKH_133980	0.211	0.1764	0.17149	-0.0745	-0.2495	-0.0775	0.12267
PKH_050360	0.15103	-0.0851	-0.2748	-0.4415	-0.2433	-0.1282	0.2385
PKH_111600	0.10748	0.10369	-0.1055	0.10031	-0.0683	-0.314	-0.2116
PKH_146550	0.13653	-0.1931	-0.0384	-0.1972	-0.0648	-0.1581	0.10997
PKH_100320	-0.8571	-1.0604	-0.8442	-0.9612	-1.0052	-0.8897	-0.4898
PKH_121860	-0.5788	-0.541	-0.1857	-0.1012	0.06624	0.19133	0.04245
PKH_083800	0.28663	-0.0126	-0.1894	-0.2153	-0.3153	0.43884	0.72575
PKH_091170	-0.1882	-0.2255	-0.0123	0.06537	0.13393	-0.1123	0.01324
PKH_080210	-0.8583	-1.3502	-1.4678	-0.8985	-0.0291	0.78241	0.8911
PKH_111640	0.22802	0	-0.105	-0.0029	0.18217	0.17327	-0.1986
PKH_143380	-0.2945	-0.5009	-0.2229	-0.322	-0.1611	-0.2275	-0.9158
PKH_010480	-0.6758	-0.9981	-0.9249	-1.6536	-1.1099	-1.164	-1.0481
PKH_121050	1.11367	1.21397	1.04362	1.12258	0.6103	0.39655	0.46131
PKH_132610	0.16121	0.17749	-0.1737	-0.4301	-0.6103	-0.3149	0.1634
PKH_143660	-0.3222	-0.2255	-0.4093	-0.3612	-0.2401	-0.5211	-0.7525
PKH_083790	-0.208	0.06018	-0.281	-0.2066	-0.5239	-0.5066	-1.6269
PKH_050980	0.38624	0.513	0.66715	0.4273	0.76053	0.47797	0.02091
PKH_133580	0.84411	0.72582	0.80388	0.71778	0.50701	0.50526	0.39394
PKH_083150	-0.9029	-0.9954	-1.2063	-1.3842	-1.1905	-1.3197	-1.4345
PKH_083270	0.38011	0.60448	0.31706	0.18698	0.07244	0.00364	-1.3526
PKH_011290	-0.0557	-0.2853	-0.2202	-0.5927	-0.3782	-0.3277	-0.169
PKH_051840	-0.3495	-0.1073	-0.1494	-0.0844	-0.1815	0.06471	-0.4872
PKH_052610	-1.0737	-0.8959	-0.933	-0.8061	-0.8737	-0.8064	-0.5251
PKH_081160	0.35076	0.58404	0.53349	0.50186	0.39999	0.38642	0.54376
PKH_123430	0.19932	0.2352	-0.0168	-0.3135	-0.1626	0.10818	0.44872

PKH_141520	-0.2385	-0.0997	-0.3242	0.05113	-0.1621	-0.1984	-1.5328
PKH_020490	0.67767	0.00468	-0.6921	-0.8705	-0.2035	1.01813	1.77865
PKH_094130	-0.2799	-0.5595	-0.547	-0.6779	-0.9061	-0.5587	-0.063
PKH_080560	-0.296	-0.2292	-0.102	0.28354	0.45701	0.54514	1.14005
PKH_071090	0.2027	-0.1131	-0.1464	-0.2218	-0.0552	-0.1487	0.3242
PKH_132130	-0.4152	-0.3416	-0.2839	-0.3514	-0.5045	-0.3292	-1.6238
PKH_102820	-0.4478	-0.3262	0.20299	0.2102	0.25304	0.31661	0.04313
PKH_082930	-1.2886	-1.0931	-1.1198	-1.0297	-0.8145	-0.8483	-1.0751
PKH_031460	-0.1758	-0.0118	0.15899	-0.0129	-0.2341	-0.4012	-0.5647
PKH_142660	0.5642	0.70704	0.94217	0.72624	0.17268	0.02218	0.06558
PKH_010500	-0.1267	0.13873	-0.0765	-0.4453	-0.6332	-1.0356	-1.8328
PKH_093510	1.06718	0.73612	0.56591	0.41	0.40386	0.16229	0.16088
PKH_120720	0.28625	-0.2176	-0.2666	-0.1926	-0.3643	0.09257	0.64434
PKH_126070	0.11242	-0.2763	-0.5141	-0.5227	-0.4254	-0.0889	0.1915
PKH_090390	-0.0316	-0.0836	-0.0219	-0.3097	-0.2698	-0.2886	-0.4068
PKH_110890	0.10591	-0.0798	-0.064	-0.0245	0.3436	0.87698	1.18911
PKH_142150	0.00267	0.04392	-0.0354	0.03481	0.31449	0.26058	0.16565
PKH_010570	-0.2967	-0.1562	-0.2975	-0.4503	-0.2121	-0.1023	-0.7577
PKH_144710	0.96059	1.00216	1.09835	1.23933	0.7951	0.62975	0.56356
PKH_140840	-0.3976	-0.4815	-0.6666	-0.6526	-0.9233	-0.8725	-0.4126
PKH_021150	-1.2423	-1.1397	-1.2315	-0.8494	-0.7565	-0.919	-1.2671
PKH_112250	1.08741	1.15207	0.84067	0.59601	0.04733	-0.1344	0.21477
PKH_110100	0.8491	0.85644	0.74794	0.67227	0.49968	0.35754	0.39462
PKH_081970	-0.2354	-0.0962	0.14695	0.45168	0.80629	0.96392	0.70902
PKH_126920	-0.3742	-0.5516	-0.4853	-0.4363	-0.5967	-0.9418	-0.6986
PKH_101120	1.08524	1.16821	1.20518	1.17959	0.84879	0.6865	0.52115
PKH_124100	0.69249	0.64207	0.80453	0.67655	0.4378	0.6377	0.83402
PKH_112350	-0.1966	-0.1818	-0.1897	-0.2507	-0.0904	-0.192	-0.0075
PKH_070110	0.90414	0.88069	0.94579	0.61805	0.90461	0.59117	0.87242
PKH_132460	0.17372	0.37978	0.20101	0.55617	0.58751	0.26896	0.30285
PKH_092640	0.35255	0.4623	0.26875	0.19472	0.03415	-0.079	0.11569
PKH_081240	1.38623	1.26172	1.00412	0.68752	0.50654	0.2812	0.84668
PKH_140790	-0.3024	-0.2513	-0.4051	-0.6429	-0.327	-0.2374	0.07171
PKH_101950	-0.5722	-0.3932	-0.5057	-0.3957	-0.5868	-0.6418	-2.2596
PKH_052050	0.59092	0.89307	1.44156	1.64065	1.33928	0.89524	0.35778
PKH_011660	0.60061	0.62327	0.44136	0.19536	0.3306	0.21745	0.05721
PKH_113680	-0.2345	-0.0808	-0.025	0.21834	0.03116	0.00312	-0.1761
PKH_110140	0.72916	0.82172	0.79061	0.4021	0.30542	0.03914	-0.0426
PKH_111630	0.16232	0.30999	0.51313	0.75938	0.54337	0.25213	0.2702
PKH_126780	0.41602	0.54201	0.45744	0.64602	0.33335	0.29984	0.29576
PKH_082570	-0.2672	-0.1157	-0.5355	0.10713	0.10058	-0.0966	-1.3451
PKH_144920	0.38442	0.53488	0.26254	-0.0718	-0.2526	-0.4917	-1.2716
PKH_130260	0.63816	0.69981	1.03802	0.72662	0.82822	0.9672	0.86112
PKH_030260	-1.1256	-0.46	-0.8878	-0.5639	-0.949	-1.007	-3.1472
PKH_112940	0.32744	0.33584	0.21277	0.23921	0.01554	-0.188	-0.2032
PKH_073120	-0.3452	-0.4022	-0.3337	-0.3075	-0.3926	-0.3544	-0.3624
PKH_142360	0.05243	-0.0368	-0.0911	-0.1762	-0.16	-0.3091	-0.2095
PKH_071450	0.31419	0.36432	0.3951	0.45544	0.53428	0.56417	0.14209
PKH_122170	0.50357	0.23993	0.25125	-0.3536	0.38785	0.47057	0.59275
PKH_020300	-0.6544	-0.8809	-1.1223	-1.0065	-0.7237	-0.2898	-0.4614
PKH_140730	0.75766	0.76453	0.96094	0.95874	0.85716	0.79312	0.22191
PKH_145735	0.77194	0.63803	0.30465	0.02972	0.2578	0.12171	0.47755
PKH_091500	0.59806	0.72357	0.82606	0.75819	0.61614	0.38183	0.44874
PKH_124380	0.10831	0.04348	0.00335	0.08905	0.11353	0.00542	0.03288
PKH_052490	0.16174	0.03604	0.19833	0.30083	0.48617	0.47607	0.78121
PKH_131640	-0.5481	-0.7498	-0.8619	-0.9904	-0.3091	-0.1691	0.02972
PKH_082470	-0.469	-0.5275	-0.4567	-0.5642	-0.64	-0.3545	-0.0063
PKH_141840	0.11557	0.22487	0.3637	0.11974	0.34159	0.23597	0.35277
PKH_125530	0.32033	0.54058	0.39639	0.2736	0.45414	0.3075	0.11551
PKH_072780	0.65041	0.91177	0.99387	0.90342	0.45298	0.26798	-0.1005
PKH_062030	-0.4105	-0.3882	-0.5645	-0.393	-0.254	0.06204	-0.2908
PKH_091830	0.10802	0.14682	0.1907	0.44671	0.42335	0.29595	0.18621
PKH_011330	-1.9991	-2.0808	-2.2868	-2.2895	-1.8788	-1.9443	-2.1227

PKH_091850	0.32659	0.37433	0.52332	0.32444	0.41992	0.45211	0.21424
PKH_091390	0.21412	0.26236	0.17746	0.30296	0.39759	0.42373	0.76712
PKH_011510	-1.9089	-2.1949	-1.9536	-2.0041	-0.3868	-0.2797	-0.7237
PKH_142760	-0.4819	-0.4255	-0.1486	0.32111	0.2211	0.11622	0.21861
PKH_011670	0.59119	0.4964	0.58111	0.58909	0.63133	0.88859	1.00124
PKH_146990	0.64359	0.42731	0.63386	0.54194	0.82711	0.83545	1.18443
PKH_072410	-0.0273	-0.1851	-0.2366	-0.2941	-0.2679	-0.341	-0.089
PKH_101260	-0.2264	-0.7269	-1.0215	-0.9678	-0.7626	-0.6736	-0.9849
PKH_080350	0.94772	1.2913	1.50738	1.48661	1.23413	0.78776	0.35439
PKH_040080	0.35831	0.42883	0.55953	0.87585	0.54265	0.53946	0.33989
PKH_092680	0.19544	0.11455	-0.0269	-0.0233	-0.3591	-0.4677	-0.59
PKH_011110	-0.8508	-0.7879	-1.1316	-1.291	-0.9505	-0.8569	-1.3054
PKH_113270	0.75406	0.75424	0.95999	0.94568	0.60852	0.47723	0.77255
PKH_081040	0.36054	0.65309	0.4472	0.61996	0.41558	0.03744	-0.3414
PKH_113050	-0.2776	0.08591	0.39053	0.46826	0.18854	0.07016	0.30637
PKH_050130	-0.3958	-0.3982	-0.3087	-0.2007	0.06817	-0.0744	-0.0758
PKH_070410	-0.2305	-0.2286	-0.2624	-0.6317	-0.3456	-0.5072	-0.4936
PKH_051060	-0.5959	-0.5571	-1.1762	-0.7897	-0.8545	-0.9171	-1.9991
PKH_124330	-0.6232	-0.7557	-0.691	-0.9867	-0.8634	-0.4977	-0.353
PKH_020910	-0.0166	-0.8654	-1.68	-1.5376	0.51405	1.43303	1.5264
PKH_146090	-0.02	-0.321	0.05437	-0.121	-0.1232	-0.0752	-0.091
PKH_031090	-0.529	-0.9694	-0.8669	-0.9044	-0.4015	0.26033	-0.0554
PKH_120560	-0.1654	-0.0769	-0.3563	-0.0877	-0.4285	-0.0134	-1.6011
PKH_020160	0.30948	0.45404	0.03385	0.38231	0.00983	-0.2324	-0.7158
PKH_142350	-0.3303	-0.1982	-0.1513	-0.301	-0.1352	-0.0239	0.15096
PKH_082170	-0.2451	-0.2464	-0.1611	-0.11	-0.3543	-0.4227	-1.6484
PKH_090310	0.22758	0.14312	0.35713	0.32917	0.35513	0.76684	0.82915
PKH_120580	-0.2696	-0.1416	0.01946	0.18698	0.32909	0.0318	0.08694
PKH_112240	0.13422	0.19743	0.34062	0.32708	0.16203	-0.0262	-1.4226
PKH_126110	0.58748	0.46007	0.40061	0.16454	0.11509	0.24798	0.59244
PKH_072530	-0.1348	0.10593	-0.0109	0.0031	0.34956	0.17327	-1.1286
PKH_145950	0.08628	0.23582	0.30195	0.27406	0.20446	0.11973	-0.0833
PKH_083550	0.27231	0.31495	0.08364	0.20987	0.17739	0.05726	-1.3253
PKH_130530	-0.3283	-0.8847	-1.005	-0.7704	-0.4649	-0.0231	-0.2324
PKH_060760	-0.0821	0.33713	0.32926	0.45894	0.40406	0.13418	-0.37
PKH_133300	-0.2229	-0.3483	-0.3736	-0.1235	-0.2647	0.0875	0.33531
PKH_051110	0.50867	0.97267	0.7957	0.95017	0.49433	0.21256	-0.1075
PKH_082130	0.39004	0.14894	0.11386	0.03192	-0.0119	0.13189	0.59079
PKH_101710	-0.5766	-0.5433	-0.4873	-0.3645	-0.3994	-0.5459	-1.9142
PKH_143650	0.37614	0.41429	0.30052	0.20048	0.49973	0.41197	0.50844
PKH_071900	-0.2946	-0.4551	-0.6359	-0.559	-0.6122	-0.5535	-0.1297
PKH_113170	-0.0634	0.14513	0.16569	0.62861	0.63942	0.69891	0.79096
PKH_050580	-0.6326	-0.3615	-0.0743	0.51114	-0.0589	-0.3124	-0.8354
PKH_101040	-0.3501	0.02689	0.11653	0.57104	0.27123	0.30497	0.28476
PKH_072240	0.45124	0.92125	0.85351	0.57827	0.57164	0.23945	0.20239
PKH_122570	1.16597	1.13639	1.06228	0.90713	0.83069	0.55462	0.73397
PKH_070170	0.58847	1.30935	1.32384	1.76718	1.32272	0.61666	0.25696
PKH_125510	0.30004	-0.526	-0.922	-1.3927	-0.494	0.79175	1.6015
PKH_100150	0.61047	0.44326	0.51265	0.55719	0.59416	0.6904	0.6896
PKH_110790	-0.5282	-0.6721	-0.4582	-0.5956	-0.3605	-0.31	-0.4098
PKH_132390	0.28853	0.23775	0.36405	0.21159	0.31646	-0.4032	0.68001
PKH_125200	0.21633	0.19999	0.15219	0.30254	0.55771	0.524	0.56419
PKH_061400	0.05094	0.02925	0.03379	-0.0179	-0.1382	0.02947	-0.2073
PKH_123110	-0.3712	-0.229	-0.1662	-0.1144	-0.2545	-0.2244	-1.9431
PKH_121770	-0.1242	-0.1622	-0.0201	-0.0024	-0.1385	-0.1751	-0.3725
PKH_010900	-0.238	0.01363	0.13532	0.15281	-0.1243	-0.3331	-0.5856
PKH_125960	0.02064	0.00944	-0.0079	0.08592	0.0475	0.03413	-0.0903
PKH_114690	0.78346	0.90511	0.91398	1.17547	0.87507	0.58553	0.49171
PKH_020480	-0.1581	-0.0905	-0.1931	-0.0784	-0.0094	-0.0351	-0.1753
PKH_000680	0.09679	-0.0615	0.16681	0.02346	-0.0288	0.00921	-1.2515
PKH_011090	-0.3092	0.1548	-0.5642	-0.234	-0.0279	-0.0267	-0.0822
PKH_030370	-0.8997	-0.44	-0.6188	-0.4896	-0.797	-0.7614	-1.0309
PKH_145240	0.06022	-0.1459	-0.1013	-0.3517	-0.2039	-0.1024	0.0281

PKH_110030	1.29265	0.97121	0.79146	0.56114	0.596	0.34236	0.45983
PKH_125450	0.08284	0.05281	0.02194	0.4907	0.11608	0.08518	0.00554
PKH_141040	-0.7969	-0.6791	-0.5792	-0.588	-0.292	-0.3559	-0.2875
PKH_061780	0.75897	0.67119	0.75398	0.51965	0.51344	0.26097	0.36252
PKH_051410	-0.6589	-0.4948	-0.5244	-0.1836	-0.1802	0.03031	-0.142
PKH_142870	0.01319	-0.1659	-0.5135	-0.1859	-0.2959	-0.1495	0.23974
PKH_130980	-0.1009	-0.1131	0.06201	0.07985	0.22605	0.10737	0.26289
PKH_093050	0.09942	0.27616	0.24227	0.38936	0.45891	0.19217	0.05058
PKH_050021	-0.2358	-0.4742	-0.4836	-0.0662	0.47348	0.58237	0.61816
PKH_123820	0.57509	0.4924	0.82977	0.84647	0.54014	0.41791	0.64351
PKH_110630	0.49919	0.46586	0.43845	0.03684	-0.005	0.19795	0.34281
PKH_142920	0.02852	0.1552	-0.1481	-0.4658	-0.5593	-0.4532	-0.2316
PKH_083740	0.09392	0.14974	0.16452	0.06546	0.0506	-0.0441	0.10793
PKH_100430	-0.0323	-0.2284	0.03355	0.05622	-0.0295	0.03368	-1.1977
PKH_110360	-0.2588	-0.2915	-0.2122	-0.4316	-0.2643	-0.2047	-0.1933
PKH_124190	0.57865	0.63771	1.01502	1.19796	0.2884	0.11073	-0.1821
PKH_122980	-0.3419	-0.324	-0.1646	-0.1346	0.04307	0.04177	0.19503
PKH_020960	-0.0861	-0.0121	-0.0651	0.00125	-0.3051	-0.2987	-1.6864
PKH_123270	-0.8456	-0.5708	-0.5198	-0.3064	-0.2127	-0.1931	-0.0113
PKH_140530	-0.3849	-0.4148	-0.4572	-0.2942	-0.432	-0.4211	-0.4621
PKH_112460	-0.0017	-0.1819	0.15314	0.09446	-0.0238	0.11958	0.50291
PKH_145620	0.69553	0.64408	0.48695	0.30941	0.1856	0.20358	0.5519
PKH_131620	0.04643	-0.0495	-0.0935	-0.0865	-0.1375	-0.167	0.15726
PKH_092780	0.67231	0.4973	0.27709	0.2846	-0.0276	-0.0878	0.13047
PKH_100850	-0.1128	-0.1977	-0.6622	-0.3564	-0.6883	-0.816	-2.0996
PKH_120160	0.30959	0.45236	0.54908	0.74341	0.53089	0.41291	0.13796
PKH_126580	0.54511	0.74289	0.39665	0.49645	0.44041	0.33462	0.37999
PKH_112580	0.06906	0.15393	0.10622	0.21283	-0.0833	-0.1598	-0.0665
PKH_132760	0.20531	0.12883	-0.0023	-0.118	-0.043	-0.166	0.03737
PKH_011410	0.0603	0.14415	0.04319	0.11548	0.08524	0.12515	-0.5901
PKH_123280	-0.7243	-0.6593	-0.7493	-0.591	-0.5733	-0.7114	-1.0997
PKH_072250	0.68347	0.69794	0.65664	0.67526	0.55408	0.35202	0.39011
PKH_020720	-0.4477	-0.2407	-0.1813	-0.2562	-0.239	-0.3034	-0.4768
PKH_041190	-0.3122	-0.2216	0.20919	0.26335	0.25399	0.60948	0.29848
PKH_093720	0.65183	0.69822	0.62197	0.58209	0.20503	-0.1711	-0.285
PKH_144160	0.25127	0.33542	0.53104	0.47168	0.33246	0.40529	0.60166
PKH_060890	-0.5976	0.14885	0.00687	0.03806	0.14788	-0.0729	-0.1242
PKH_121580	0.16174	0.18264	0.43448	0.55262	0.38802	0.06952	0.57484
PKH_113740	0.5168	0.50697	0.70816	1.01024	0.96384	0.72388	0.40652
PKH_140060	0.76948	0.72103	0.27984	0.07259	-0.0354	0.08058	0.3668
PKH_040100	0.48018	0.65147	0.64545	0.80596	0.51352	0.35028	0.59567
PKH_070100	0.06991	-0.1577	-0.1925	-0.2342	0.02041	-0.2333	0.00263
PKH_123080	0.13975	0.30091	0.61746	0.58327	0.73273	0.65937	0.45945
PKH_090140	-0.7158	-0.8262	-0.6561	-0.6306	-0.4573	-0.3303	-0.2723
PKH_111410	0.0391	-0.064	0.191	0.37195	0.23282	0.30901	0.07247
PKH_146900	0.49112	0.61336	0.91771	1.50133	0.76804	0.68466	0.80271
PKH_050600	-0.0393	0.0131	0.52293	-0.0115	0.81469	0.73659	0.27007
PKH_141450	0.09003	0.0831	0.07274	0.12782	-0.0393	0.18885	0.17083
PKH_031710	-1.0416	-1.4316	-1.4935	-1.7773	-1.6782	-1.4077	-1.411
PKH_145250	-0.6323	-0.8358	-0.5959	-0.2209	-0.3662	-0.5328	-0.2233
PKH_081600	-0.0717	-0.1468	-0.3502	-0.2199	-0.2949	-0.2576	-0.2619
PKH_031410	-0.5565	-0.603	-0.607	-0.6763	-0.8081	-0.8844	-1.6455
PKH_010340	-1.628	-1.7526	-1.983	-2.0606	-1.7628	-1.8913	-2.1539
PKH_082490	-0.5454	-0.5168	-0.2642	-0.143	-0.2505	-0.1971	-0.3696
PKH_000430	-0.4224	-0.5608	-0.3203	-0.5202	-0.5658	-0.3541	-0.2124
PKH_100640	0.17421	0.55911	0.54013	0.62513	0.13253	-0.0141	-0.3839
PKH_145180	0.14212	0.00327	0.08727	0.02223	0.05638	0.11958	0.48643
PKH_130600	-0.4074	-0.237	0.09685	0.17957	0.30981	0.47097	0.33801
PKH_134070	1.05076	0.96033	0.84989	0.63136	0.84505	0.64964	0.44945
PKH_144030	0.08549	0.00076	-0.069	-0.0086	-0.076	-0.1268	-0.0995
PKH_021110	-0.0517	0.13788	0.34871	0.44211	0.72511	0.02416	-0.4106
PKH_050240	0.0137	0.14499	0.20908	0.19284	0.05299	-0.1124	-1.3473
PKH_113560	-0.1048	-0.1498	-0.0107	0.00324	-0.0455	0.05929	0.15292

PKH_102890	-0.3218	-0.1887	-0.2572	0.09412	0.25591	0.04111	-0.069
PKH_030600	-1.7114	-1.594	-1.3314	-1.4086	-0.9357	-1.2007	-1.4536
PKH_126510	0.62701	0.51103	0.42347	0.20855	0.1083	0.09206	0.14113
PKH_021180	-0.3916	-0.2319	-0.2996	-0.2187	-0.3493	-0.2296	-0.4461
PKH_062310	0.41371	0.25795	-0.2627	-0.8632	-1.0623	-0.7793	0.04656
PKH_114410	-0.7029	-0.3818	0.02666	0.24602	0.35219	0.35971	-0.19
PKH_091140	-0.3236	-0.1325	-0.1352	0.17165	0.26718	0.43153	0.42842
PKH_121260	0.92539	0.82453	0.54216	0.73015	0.90159	0.83797	0.83307
PKH_062220	0.0838	0.09741	0.38604	0.70037	0.5714	0.57057	0.67478
PKH_114910	-0.4945	-0.5576	-0.8385	-0.4351	-0.5019	-0.4047	-1.4547
PKH_061340	0.7095	0.60175	0.33407	0.11665	0.15392	-0.0067	-0.0677
PKH_092260	-0.4627	-0.1734	-0.5239	-0.2917	-0.4377	-0.4681	-0.7887
PKH_061070	0.49407	0.67334	0.36282	0.43657	0.17962	0.24121	-0.0755
PKH_080050	-0.7112	-0.9767	-1.329	-1.2915	-0.9242	-0.7037	-0.322
PKH_131265	-0.4856	-0.3566	-0.183	0.1523	0.53207	0.39836	0.57005
PKH_010470	-0.6586	-0.6747	-0.7875	-0.6271	-0.851	-0.7929	-1.0888
PKH_070190	-0.4393	-0.0966	0.44435	0.80706	0.7886	0.67841	0.13826
PKH_091040	0.43484	0.24355	0.03257	0.2385	0.32302	0.47362	-0.1843
PKH_146560	0.22571	0.09975	0.13166	0.1488	0.11378	0.19556	0.34101
PKH_110090	0.3566	0.63167	0.77246	0.69995	0.79731	0.31375	0.04289
PKH_040300	-0.9832	-0.76	-0.9781	-0.863	-1.015	-1.2136	-1.9404
PKH_070820	0.40326	0.25749	0.03433	0.08175	0.11035	-0.0123	0.24082
PKH_070980	0.45705	0.42383	0.51058	0.55987	0.03771	0.2938	0.96365
PKH_070590	-0.4983	-0.9066	-1.0072	-0.721	0.26019	0.70648	0.62589
PKH_122460	0.30923	0.23463	0.36703	0.32079	0.16982	0.31597	0.53582
PKH_102850	-0.0124	-0.0115	-0.0789	-0.2094	-0.1606	-0.1206	0.03031
PKH_113040	-0.4736	-0.5174	-0.5285	-0.5259	-0.3151	-0.3129	-0.5745
PKH_073450	-0.4913	-0.5749	-0.4618	-0.7532	-0.5518	-0.6509	-0.4105
PKH_141010	0.40024	0.29284	0.43455	0.46247	0.26037	0.11381	0.34545
PKH_071580	-0.302	-0.1324	-0.319	0.04422	0.43197	0.61946	0.6038
PKH_071500	-1.1401	-0.9997	-1.2078	-0.991	-1.2833	-1.2497	-3.0061
PKH_103020	-0.0317	-0.0524	0.60632	0.47703	1.01338	1.07913	1.32219
PKH_093790	-0.4258	-0.5939	-0.3899	-0.436	-0.3759	-0.3195	-0.3225
PKH_130060	-0.3437	-0.1798	-0.076	0.04127	0.09953	0.04664	-0.2279
PKH_101990	0.14421	0.25888	0.32016	0.00071	-0.313	-0.4123	-0.1287
PKH_092280	0.09075	0.05207	-0.0108	-0.1145	-0.0459	-0.1051	0.20172
PKH_060400	0.01853	-0.0527	-0.2601	-0.2805	-0.3427	-0.284	-0.2054
PKH_082180	-0.8484	-0.6143	-0.7435	-0.7548	-0.8071	-0.9273	-1.3073
PKH_131270	0.0962	0.0074	-0.0748	0.05019	-0.0049	0.0248	0.17917
PKH_124390	0.39468	0.10032	0.41547	0.2753	0.6152	0.4164	0.92267
PKH_110880	-0.7771	-0.1996	-0.0895	0.3566	-0.1168	-0.1664	-0.6016
PKH_090170	-1.1266	-0.8716	-1.0775	-0.6495	-1.163	-0.8749	-1.8155
PKH_125130	0.01726	0.35003	0.22135	0.51852	0.18755	0.24788	-1.3241
PKH_124460	-0.5185	-0.8873	-0.8048	-0.4268	0.40981	0.94911	0.93771
PKH_121830	-0.4842	-0.4972	-0.2649	-0.2398	-0.3108	-0.0672	-0.119
PKH_071480	-0.2953	-0.2273	-0.2267	0.24106	0.01495	0.17519	-0.4687
PKH_050380	0.57177	0.55425	0.27466	0.38215	0.04643	0.04185	0.56304
PKH_111420	-0.216	-0.5105	-0.3973	-0.164	0.28704	0.7851	0.41241
PKH_131360	0.83118	0.84368	1.11457	1.20398	0.94494	0.64021	0.3549
PKH_124750	0.27854	0.06999	-0.0086	0.23012	0.05559	0.15976	-0.3309
PKH_101660	0.65191	0.72595	0.68065	0.34162	0.17541	0.23028	0.65567
PKH_081820	0.37958	0.3153	0.09828	0.05459	-0.0547	-0.1456	0.04356
PKH_110940	0.31674	0.38519	0.62711	0.327	0.39864	0.41948	0.25041
PKH_090960	0.27832	0.16033	0.06426	0.00278	0.12999	-0.091	0.17927
PKH_100490	0.56769	0.8316	0.84248	0.88103	0.65396	0.68654	0.74447
PKH_061720	0.01782	-0.0121	0.00331	0.03183	-0.0761	-0.2925	-1.6755
PKH_100680	0.01323	-0.0082	0.16458	0.11045	0.23153	0.41911	0.50209
PKH_082500	-0.1367	-0.271	-0.1879	-0.0972	-0.3093	-0.1951	-1.519
PKH_124030	-0.3542	-0.4496	-0.6317	-0.6757	-0.576	-0.5076	-0.3602
PKH_092430	-0.1922	-0.2725	-0.2346	-0.278	0.1414	0.40759	0.46759
PKH_134270	-0.3504	-0.1866	-0.4155	-0.2356	-0.2301	-0.3726	-0.6912
PKH_070830	-0.1586	0.11973	0.28652	0.49925	0.35504	0.39643	0.01018
PKH_131470	0.57304	0.18188	0.32327	0.09663	0.19574	0.06216	0.25496

PKH_092100	0.19827	0.19349	0.13805	0.09973	0.19265	0.40674	0.01998
PKH_143790	0.05071	-0.0313	0.02392	-0.0106	0.53571	0.72194	0.49503
PKH_010390	-0.2251	0.30976	0.45184	0.34859	0.70862	0.58249	-0.1248
PKH_112960	0.39136	0.40994	0.11637	0.19719	0.14511	0.19813	-0.0674
PKH_133150	-0.1156	-0.1588	-0.2874	0.09523	-0.007	0.03503	-0.0487
PKH_010370	-0.7497	-0.6554	-0.9945	-0.8269	-1.0835	-1.1871	-2.8009
PKH_126350	-0.1492	-0.0358	0.06297	0.01752	-0.0353	-0.0738	-1.6369
PKH_130610	0.47614	0.4446	0.21701	0.17009	0.05527	0.27342	0.62905
PKH_121220	-0.3372	-0.1544	-0.1488	-0.5134	-0.5888	-0.3604	-0.143
PKH_061110	-0.1575	-0.1153	-0.2997	-0.5699	-0.6626	-0.8229	-0.9521
PKH_102250	-0.5375	-0.4284	-0.5824	-0.9887	-0.7971	-0.6165	-0.5924
PKH_041290	0.37209	0.223	0.33724	0.07568	0.08984	0.15869	0.53455
PKH_011570	-1.9049	-1.772	-1.7659	-1.9598	-1.1627	-1.1435	-1.768
PKH_092370	-0.096	0.04619	0.17731	0.2756	0.20849	-0.0278	-0.3362
PKH_121240	-0.0921	0.01327	-0.0246	0.25882	0.15774	0.02482	-0.0796
PKH_110040	0.87466	0.82573	0.53759	0.57452	0.54903	0.20902	0.52122
PKH_060790	0.284	0.17512	0.4008	0.17009	0.27778	0.30993	0.47818
PKH_011650	0.02952	-0.1303	-0.1982	-0.4703	-0.5347	-0.4971	-0.7751
PKH_060240	-0.7586	-0.7201	-0.7974	-0.6104	-0.563	-0.4076	-0.3168
PKH_133700	-0.8075	-0.3135	0.29942	0.38864	0.18565	-0.1137	-1.03
PKH_122160	1.03491	0.22386	0.32376	-0.3283	0.11968	-0.1637	0.54605
PKH_050690	-0.6492	-0.6193	-0.8	-1.1756	-1.3046	-1.1733	-1.6286
PKH_030970	-0.8085	-0.703	-0.579	-0.6751	-0.0639	0.33261	0.34879
PKH_040140	0.22155	0.5543	0.57361	0.44339	0.41819	0.38871	0.73362
PKH_132110	0.10098	-0.0743	0.14918	0.02582	0.09031	0.02467	0.19696
PKH_120120	-0.1674	-0.4582	-0.6556	-0.4305	-0.5623	-0.5365	-1.2039
PKH_082370	0.30561	0.34032	0.22406	0.45329	0.51709	0.35446	0.36413
PKH_081560	0.06268	0.02384	-0.3365	-1.1431	-1.1494	-1.5428	-1.2058
PKH_140720	0.5031	0.41775	0.42233	0.30427	-0.0552	0.03644	0.31124
PKH_051320	-0.3828	-0.4323	-0.3168	-0.1785	-0.2782	-0.2468	-0.6606
PKH_130590	-0.107	-0.1699	-0.2083	-0.0808	-0.1317	-0.0393	-0.1079
PKH_011600	-0.5185	-0.717	-0.9914	-1.0268	-1.2288	-0.8737	-0.631
PKH_021340	-0.0153	0.00719	0.15213	0.16805	0.0491	-0.1135	-0.3392
PKH_050080	-0.1752	-0.0073	-0.3181	-0.4102	-0.6979	-0.4359	-0.3002
PKH_010660	0.4391	0.37032	0.52896	0.21011	0.14337	0.02852	0.10493
PKH_140440	0.25447	0.66371	0.83344	0.71062	0.81939	0.80318	0.63861
PKH_080950	-0.2325	-0.076	-0.1922	-0.3783	-0.3951	-0.4713	-0.4131
PKH_142780	0.55105	0.56682	0.70127	0.91353	0.88183	1.08145	1.44192
PKH_121490	-0.1115	-0.1218	-0.171	-0.2323	0.01712	-0.0016	-0.0898
PKH_112980	-0.1606	-0.3141	-0.1847	-0.4526	-0.524	-0.5581	-0.7329
PKH_082860	-0.4497	-0.7412	-0.6802	-0.5539	-0.4031	-0.5646	-0.7855
PKH_091710	-0.4252	-0.0986	0.00698	0.29843	0.26255	0.77021	0.67124
PKH_126500	-0.2051	-0.1251	-0.0864	-0.0762	0.1166	0.34729	0.37942
PKH_101630	-0.3957	-0.4568	-0.8971	-0.3358	-0.3243	0.08455	-0.9857
PKH_120830	-0.1726	-0.3191	-0.2444	-0.2539	-0.2406	-0.0292	0.07975
PKH_131770	-0.2706	-0.8109	-1.2481	-0.8373	-0.4691	0.05518	0.62474
PKH_111090	-0.0582	-0.1589	0.21485	0.09657	0.35551	0.09878	-0.0298
PKH_114710	0.77332	0.45764	0.56123	0.39176	0.4006	0.57833	0.33062
PKH_141180	0.34391	0.42333	0.48911	0.38951	0.27805	0.1543	0.18617
PKH_124880	0.84565	0.85992	0.55713	0.36597	0.68089	0.96414	1.96484
PKH_082380	0.37258	0.42445	0.19939	0.02368	-0.1468	-0.399	-0.1582
PKH_000520	0.79215	0.31653	-0.0097	-0.525	-0.6812	-0.2332	0.58916
PKH_110130	-0.2669	-0.2414	-0.3289	-0.2036	-0.2749	-0.3716	-0.7142
PKH_021310	-1.1992	-1.4194	-1.5341	-0.6161	-0.3442	-0.0335	-0.3913
PKH_010720	-0.206	-0.1851	-0.1621	0.11753	-0.0079	-0.121	-0.7381
PKH_126690	-0.2871	-0.205	-0.1952	0.26175	0.02243	-0.0103	0.17526
PKH_141320	0.07601	0.04803	0.03181	-0.2925	-0.0335	0.03119	0.46906
PKH_083160	0.25931	0.29829	0.03442	-0.0067	-0.2153	-0.3992	-0.316
PKH_132440	0.42432	0.21283	0.19578	0.02184	-0.0645	0.01156	0.31925
PKH_041590	-1.1961	-1.6166	-1.4046	-0.7045	-0.0053	0.40194	-0.1479
PKH_126890	-0.3507	-0.034	0.22296	0.27394	-0.1305	-0.4764	-0.3238
PKH_146000	0.91972	0.84742	0.82447	0.64105	0.47184	0.17452	0.47239
PKH_011010	-0.4489	-0.7827	-0.6628	-0.608	-0.7089	-0.7985	-0.679

PKH_125050	-0.2296	-0.317	-0.2131	-0.1669	-0.2057	-0.1497	-0.1493
PKH_146520	0.19933	-0.0561	-0.0816	-0.0356	-0.4792	-0.2116	0.0457
PKH_094150	0.4199	0.52593	0.23681	0.30343	-0.1388	-0.1784	0.18926
PKH_114080	-0.9946	-0.5759	-0.4477	-0.1685	-0.3745	-0.3477	-0.5611
PKH_040220	-0.7075	-0.7047	-0.7834	-0.625	-0.8563	-0.8626	-2.2686
PKH_103070	0.17426	0.17415	0.45162	0.25044	0.13203	0.18237	-0.0098
PKH_092190	0.20006	0.24856	0.01475	-0.0007	0.05285	-0.1949	0.1338
PKH_062060	0.3773	0.20636	0.22263	0.0221	0.37419	0.01626	-0.0253
PKH_083320	1.58054	1.58896	1.87096	1.23297	1.14578	0.58121	0.14794
PKH_051620	-0.7493	-0.4633	-0.6432	-0.3295	-0.6	-0.4523	-2.051
PKH_114400	-0.723	-0.6879	-0.8087	-0.5659	-0.5783	-0.7761	-0.8359
PKH_083710	0.28469	0.39692	0.52536	0.31926	0.12446	0.16899	0.10912
PKH_101090	0.45221	0.39863	0.53292	0.38547	0.45306	0.57227	0.37678
PKH_140960	-0.6613	-1.507	-2.2645	-1.6666	-0.3946	0.74039	1.65824
PKH_141310	-0.3872	-0.511	-0.838	-1.0873	-0.8544	-0.9936	-0.8115
PKH_050490	0.04999	0.31435	0.18607	0.27606	0.05454	-0.0649	0.10021
PKH_111020	0.54831	0.68526	0.49929	0.57167	0.61578	0.53291	0.78983
PKH_030010	-0.5124	-0.5686	-0.695	-0.495	-0.6843	-0.6039	-2.1368
PKH_101820	-0.4207	-0.2656	-0.5245	-0.6048	-0.5762	-0.4776	-1.0321
PKH_011170	-0.6154	-0.7027	-0.7653	-0.908	-0.7372	-0.9371	-1.5518
PKH_040460	-0.4037	-0.4732	-0.7671	-0.5518	-0.6386	-0.8088	-0.6375
PKH_051980	-1.0749	-0.8789	-0.7906	-0.4948	-0.3342	-0.4662	-0.938
PKH_130680	-0.9186	-0.8017	-0.9368	-1.0629	-0.8714	-1.1172	-1.4914
PKH_070240	0.10731	0.04495	-0.0636	0.03032	-0.0122	-0.1483	0.34281
PKH_041250	-1.1359	-1.1285	-1.551	-1.5066	-1.9519	-1.7319	-1.8765
PKH_093370	0.45334	0.75564	0.7565	0.53803	0.51679	0.6089	0.82378
PKH_120190	0.20482	0.13989	-0.0752	-0.2192	-0.3865	-0.1061	0.36332
PKH_051120	-0.1689	-0.1664	-0.1801	-0.509	-0.1825	-0.4533	-1.1556
PKH_072380	-0.6322	-0.5855	-0.6405	-1.0288	-0.6771	-0.5915	-0.3368
PKH_030380	-0.7106	-0.6895	-0.6132	-0.5381	-0.7252	-0.7079	-0.8192
PKH_110180	0.77906	0.60299	0.65235	0.58681	0.56399	0.39494	0.4142
PKH_082010	-0.0514	-0.1284	-0.415	-0.4145	-0.6326	-0.7707	-0.6724
PKH_125440	-0.6231	-0.7921	-1.1433	-1.5419	-1.2744	-0.9348	-0.4371
PKH_091700	0.57074	0.54479	0.29345	0.26462	0.24406	0.13196	0.15959
PKH_140510	-0.7503	-0.9546	-0.6843	-0.9176	-0.6334	-0.6588	-0.4057
PKH_126810	0.09161	0.27482	0.29406	0.18385	0.09894	0.17908	0.45368
PKH_093740	-0.2674	-0.1727	-0.1595	0.05112	-0.3209	-0.5436	-0.6822
PKH_146880	-0.1464	-0.0597	-0.2259	0.10513	-0.2826	-0.168	-0.1342
PKH_146500	-0.4285	-0.8193	-0.6159	-0.5481	0.05663	0.60488	0.72875
PKH_112620	0.69345	0.80581	0.85761	1.0034	0.81474	0.61368	0.72586
PKH_120810	0.04844	-0.0163	-0.0171	0.01566	0.02687	-0.0395	0.02655
PKH_145660	0.84977	0.95932	0.95084	0.82145	0.60343	0.50776	0.38491
PKH_124610	0.39467	0.46225	0.53059	0.54789	0.64443	0.80079	1.07526
PKH_010140	-0.6244	-0.469	-0.6088	-0.4564	-0.7573	-0.8407	-1.2544
PKH_101520	-0.6058	-0.5333	-0.5091	-0.4836	-0.555	-0.7192	-2.153
PKH_122040	0.24523	0.10759	0.19499	0.26853	0.13771	0.05126	-1.2795
PKH_141070	0.02002	-0.1397	-0.0849	-0.2346	-0.1025	-0.1552	0.09726
PKH_123390	-0.6692	-0.6368	-0.5531	-0.1644	-0.1953	-0.0903	0.2173
PKH_103230	1.56002	1.21641	0.92284	0.36585	0.0232	0.06233	0.64544
PKH_126720	0.13675	0.06706	-0.0289	-0.0067	0.28611	-0.1466	-0.1335
PKH_010460	-1.074	-0.7619	-0.9276	-0.4859	-0.5094	-0.725	-1.8472
PKH_132650	-1.7731	-1.5198	-0.7835	-0.3107	-0.2537	-0.112	-0.1108
PKH_111650	-0.05	-0.1669	-0.0901	-0.1168	-0.1152	0.00554	-0.0098
PKH_070550	0.16659	0.06067	-0.0175	0.06262	0.18918	0.21039	0.22531
PKH_081570	0.58548	0.73852	0.66886	0.77439	0.55512	0.5345	0.41197
PKH_083340	-0.9323	-0.9733	-0.8848	-0.8978	-0.7389	-0.384	-0.541
PKH_050010	-0.3576	0.10689	-0.3063	-0.625	-0.8082	-0.7335	-0.9859
PKH_094540	0.93523	0.72332	0.89517	0.60784	0.92142	0.64423	1.61888
PKH_131000	0.13166	0.03173	-0.0016	0.04699	0.20416	0.15507	0.21033
PKH_061320	-0.0417	-0.0464	-0.0234	-0.0113	0.09979	0.37098	0.31615
PKH_094440	-0.1301	-0.0777	0.07458	0.00809	0.23928	0.24139	-0.4578
PKH_124960	0.12356	0.18981	0.42824	0.58106	0.54992	0.52011	0.20481
PKH_145210	-0.2327	-0.316	-0.1509	-0.0614	-0.2525	-0.3038	-1.4133

PKH_112170	0.13112	0.23909	0.04164	-0.2698	-0.2014	-0.1803	-0.3319
PKH_102240	0.38298	0.53735	0.74819	0.71699	0.66612	0.47123	0.3702
PKH_126450	0.45389	0.80945	0.86307	0.99639	0.90958	0.74522	0.79096
PKH_041630	-0.1501	-0.2686	-0.4647	-0.657	-0.5974	-0.6754	-0.3878
PKH_121720	0.32104	0.61046	0.89528	0.74707	0.78288	0.45374	0.17613
PKH_050320	0.1148	0.04425	-0.0189	-0.051	0.0917	-0.0345	-0.1219
PKH_094200	0.16565	0.60264	0.77889	0.74746	0.55127	0.02118	-0.0491
PKH_061710	-0.595	-0.5805	-0.7781	-0.8304	-0.6868	-0.5083	-0.5846
PKH_092620	-0.4485	-0.4757	-0.3636	-0.3362	-0.5725	-0.6228	-1.1542
PKH_071750	-0.3866	-0.3081	-0.352	-0.2857	-0.2483	-0.3295	-2.2203
PKH_093100	0.16418	0.38054	0.41152	0.50796	0.5193	0.15416	0.63538
PKH_020690	-1.3461	-1.1404	-1.3579	-1.2331	-1.4249	-1.2202	-1.6708
PKH_072980	0.08965	0.47767	0.826	1.00905	0.70788	0.37022	0.40334
PKH_113020	-0.1459	-0.0144	-0.2547	-0.0942	-0.1985	-0.1181	-1.1413
PKH_146580	0.00372	-0.1022	-0.2764	-0.2762	-0.0588	0.38569	0.36016
PKH_141620	0.66882	0.4973	0.4655	0.37819	0.59213	0.52484	0.41026
PKH_126860	0.89974	0.82205	0.77946	0.91407	0.56926	0.6011	0.71665
PKH_114450	0.21386	-0.0473	0.02318	-0.0637	-0.1238	-0.0186	-0.2828
PKH_093230	0.64766	1.02242	1.35446	1.2644	1.25831	0.59046	0.3926
PKH_094250	-0.5667	-0.4172	-0.1924	0.16532	-0.1256	-0.0902	0.10107
PKH_071570	-0.5504	-0.4281	-0.6012	-0.3298	-0.5008	-0.4439	-2.0996
PKH_083110	-0.2602	-0.3183	-0.2958	-0.4112	-0.3884	-0.4581	-0.6183
PKH_050400	-1.3005	-1.1373	-0.7973	-0.4197	-0.5148	-0.7055	-0.9612
PKH_021280	0.53101	0.93244	0.92783	0.81629	0.30871	0.36266	-2.8216
PKH_020310	0.20603	-0.0578	0.03033	0.46125	0.01012	-0.1359	-0.7995
PKH_050040	0.28683	0.16849	-0.1206	-0.1285	-0.3007	-0.0447	0.12975
PKH_120850	-0.0502	0.17208	0.57152	0.83117	0.91013	0.86694	0.78764
PKH_102270	-0.1316	-0.2084	-0.186	-0.214	-0.3553	-0.2351	-0.3193
PKH_112040	-0.1491	-0.1302	-0.2697	-0.2692	-0.424	-0.5882	-0.9936
PKH_113230	-0.0098	-0.0174	0.04889	0.22454	-0.1106	-0.0805	-1.436
PKH_133560	-0.141	-0.124	-0.0164	0.23902	0.23894	0.3562	0.75414
PKH_070330	-0.1042	-0.3076	-0.4346	-0.6022	-0.6319	-0.7606	-0.5144
PKH_041470	-0.0558	-0.1232	-0.1181	-0.1934	-0.1198	-0.1622	-0.3859
PKH_102010	-0.7584	-0.6026	-0.4334	-0.4821	-0.6471	-0.7271	-2.1355
PKH_071700	-0.6181	-0.9403	-0.5521	-0.3859	-0.0815	-0.2221	-0.1404
PKH_050230	-0.3587	-0.2207	-0.2834	0.10854	-0.0322	0.15488	-0.3773
PKH_114510	0.52702	0.10837	0.23799	-0.1241	0.47182	0.34595	0.57382
PKH_040810	0.62147	0.46392	0.46379	0.26	0.5028	0.26629	-0.1205
PKH_052540	0.19182	0.81294	1.12966	0.82651	0.61348	0.56947	0.09429
PKH_144500	0.55026	0.59109	0.44674	0.31698	0.15746	-0.1087	0.27606
PKH_093340	-0.0694	0.10525	0.26018	0.12858	0.09579	0.0873	0.01993
PKH_141030	-0.2386	-0.2826	-0.1875	-0.1025	-0.1275	-0.2445	-1.6657
PKH_092880	0.94794	1.27829	1.5157	1.34794	1.028	0.94316	0.49197
PKH_132410	-0.2181	-0.1743	0.03423	-0.2331	-0.2553	-0.0492	0.34542
PKH_061610	-0.1548	-0.1613	0.03102	-0.0479	0.06006	0.05456	-0.1339
PKH_134160	-0.0628	0.07304	0.21005	0.1045	0.09563	0.03798	-0.5421
PKH_146370	0.40664	0.34222	0.47934	0.42067	0.59083	0.46444	0.72708
PKH_131830	-0.0832	0.25251	0.31675	0.20938	0.09105	-0.0486	-0.4639
PKH_122810	0.6423	0.78559	0.2742	0.45519	0.45581	0.3892	0.75858
PKH_094210	0.09946	0.28545	0.12972	0.34207	0.12346	0.16477	0.21135
PKH_121440	-0.0656	-0.2838	0.53184	1.11201	1.26161	1.2265	1.30681
PKH_080040	-0.5224	-0.7454	-1.0687	-0.9719	-1.1003	-0.6993	-0.0546
PKH_114740	0.36683	0.47582	0.45922	0.41622	0.11065	0.13883	0.01278
PKH_090620	0.50967	0.56858	0.55992	0.34403	0.76619	0.43563	0.72373
PKH_144780	0.36734	0.29124	0.17342	-0.1988	-0.294	-0.1596	0.2122
PKH_052080	0.50748	0.6621	0.56204	0.71704	0.41058	0.36547	0.32679
PKH_122770	-0.8626	-0.5633	-0.0705	0.30148	0.6312	0.62992	0.23192
PKH_020360	-0.8019	-0.7457	-0.79	-0.5128	-0.8271	-1.084	-0.9812
PKH_081780	0.05745	-0.1868	-0.4476	-0.4485	-0.992	-0.4398	-0.0548
PKH_011180	-0.8959	0.1857	-0.0879	0.18284	0.05237	-0.1119	-0.6592
PKH_133400	0.18876	0.47096	0.09728	0.12583	0.17872	0.06336	0.13112
PKH_080830	-0.1057	-0.0366	0.03761	0.10997	-0.1832	-0.2787	-0.3404
PKH_141270	-0.3561	-0.6724	-0.3134	-0.249	0.05235	0.25075	0.16198

PKH_060580	0.39829	0.23752	0.18401	0.3233	0.62354	1.08893	0.94252
PKH_080410	0.04446	0.2402	0.05965	-0.0682	0.22826	-0.0511	-0.0553
PKH_010630	-0.6105	-0.3529	-0.4112	-0.431	-0.6176	-0.6046	-0.827
PKH_142290	-0.2261	0.08041	0.22525	0.14024	0.04277	-0.1055	0.26353
PKH_041480	-0.2463	0.05517	0.29151	0.08882	0.03751	-0.1622	-0.1949
PKH_021170	-0.5371	-0.3654	-0.1784	0.24581	-0.2005	-0.0734	-0.4161
PKH_040280	0.0436	0.19693	0.61954	0.85641	0.3425	-0.1057	-0.2223
PKH_060600	-1.2139	-1.0654	-0.9985	-0.8549	-0.4343	-0.3395	-1.2596
PKH_071050	0.86241	1.17302	0.8642	0.64193	0.46455	0.52913	0.6733
PKH_021250	-0.3923	-0.4053	-0.0582	0.111	0.07211	0	-0.5571
PKH_070620	0.12862	0.14026	0.0326	-0.2186	-0.3051	-0.3486	-0.1381
PKH_112030	0.72914	0.80041	0.63128	0.57518	0.27632	0.09326	-0.4406
PKH_122200	0.3031	0.30996	0.94468	1.07442	0.75275	0.16657	-0.398
PKH_080140	-0.3491	-0.2321	0.23767	0.53174	0.75788	0.69559	0.63971
PKH_130940	-0.056	-0.1567	-0.2255	-0.0757	0.08145	-0.0617	0.04647
PKH_131880	-0.0095	0.12511	0.44059	0.68837	0.55893	0.45586	0.4058
PKH_131670	-0.3319	-0.4586	-0.5149	-0.5481	-0.3902	-0.2349	-0.1912
PKH_100860	-0.6866	-0.3145	-0.1038	0.15434	0.12109	0.03461	0.02016
PKH_126970	0.38847	0.38872	0.39211	0.39054	0.3144	0.44888	0.42257
PKH_124870	-0.0985	0.07416	0.25128	0.39389	0.21609	0.12374	-0.0705
PKH_073310	0.23891	0.52565	0.60794	0.43915	0.31932	0.29639	0.31152
PKH_031450	-0.3137	-0.5849	-0.7172	-0.781	-0.362	-0.3424	-0.8255
PKH_040550	0.48481	0.33713	0.43114	0.42745	0.31954	0.30951	0.75263
PKH_143020	-0.5839	-0.8753	-1.0793	-1.1907	-0.9053	-0.5528	-0.0694
PKH_102150	0.20942	-0.1004	0.09334	0.12356	0.17822	0.16783	-0.3064
PKH_070320	0.3904	0.67938	1.03077	0.66939	0.90262	0.99783	0.70957
PKH_133110	0.07364	-0.0438	-0.1597	0.11389	0.10627	-0.0862	0.14699
PKH_070780	-0.1197	-0.2213	-0.2493	-0.317	-0.1655	-0.2398	-0.1235
PKH_122320	0.26456	0.10797	0.10616	-0.0193	0.10164	0.239	0.44871
PKH_121030	0.77358	0.79904	0.87761	0.69315	0.98439	0.93989	0.87464
PKH_133590	0.12378	0.15834	0.37294	0.57825	0.18933	-0.0544	0.23693
PKH_030090	0.11534	0.09656	-0.1945	-0.3101	-0.3475	-0.212	-0.4431
PKH_143140	-0.2482	-0.2982	0.06056	0.26178	0.501	0.21583	0.26638
PKH_091360	0.06355	-0.0349	-0.0719	-0.1849	-0.3294	-0.3609	0.13173
PKH_126410	0.89763	1.00245	0.75641	0.77538	0.71508	0.33796	0.33784
PKH_141130	0.07632	0.13117	0.24347	0.13936	0.35116	0.33658	0.37173
PKH_114290	0.74494	0.85719	0.51404	0.862	0.77036	1.03337	0.98237
PKH_112290	-0.9496	-0.9018	-0.8844	-0.9772	-0.8287	-0.6658	-0.7384
PKH_132860	-0.0486	-0.0487	-0.2046	-0.3504	-0.3326	-0.246	-0.1741
PKH_113800	0.73074	0.76135	0.92513	0.95305	0.64784	0.38788	0.42995
PKH_134190	-0.3606	-0.2959	-0.2901	-0.3878	-0.2469	-0.2768	-0.3751
PKH_061430	0.61578	0.99251	0.98865	0.94449	0.47282	0.25569	0.53407
PKH_130620	-0.0323	-0.0418	-0.0571	0.11298	0.04422	0.08977	-1.1233
PKH_020170	0.18424	0.23717	0.29135	0.25104	0.01035	0.1856	-0.0029
PKH_111190	0.43787	0.48887	0.66265	0.3981	0.28094	0.1266	-0.3404
PKH_110200	0.10477	0.33105	0.24951	0.22508	0.11722	-0.0833	0.21187
PKH_050950	-0.3284	-0.368	-0.5634	-0.5135	-0.6388	-1.059	-0.9696
PKH_140990	0.6923	0.94344	0.51625	0.40222	0.2893	0.28023	0.25496
PKH_132900	0.5037	0.34613	0.55076	0.72186	0.59368	0.45978	0.39353
PKH_122850	0.2923	0.17835	0.26962	0.18703	0.16255	0.12987	0.57254
PKH_122370	0.17377	0.07149	0.0713	0.00064	-0.1108	-0.2468	-0.146
PKH_100580	0.36405	0.21697	0.29974	0.39342	0.35782	0.23892	0.52475
PKH_122130	0.38553	0.54285	0.79631	0.90002	0.74311	0.56146	0.33139
PKH_020460	0.35097	0.40893	0.24865	0.14878	-0.0666	-0.4466	-0.8142
PKH_061040	-1.0897	-1.2482	-0.9942	-0.2174	0.27585	0.42045	0.13665
PKH_114750	0.72499	1.09631	0.69508	0.58722	0.06982	-0.2742	-0.4953
PKH_142830	0.76864	0.82974	0.76474	0.56598	0.32413	-0.0123	-0.1054
PKH_142370	-0.3168	-0.3369	-0.4052	-0.3281	-0.2503	-0.4954	-1.3448
PKH_102190	0.11612	0.43895	0.35429	0.24145	0.31442	0.05179	-0.1819
PKH_070006	0.51823	0.44922	-0.1318	-0.4567	-0.3174	0.20875	0.60422
PKH_020180	-0.4076	-0.2436	-0.2796	-0.0672	-0.0961	0.07074	0.26991
PKH_120600	0.24043	0.20848	0.13678	-0.0788	-0.1427	-0.1348	-0.0668
PKH_030840	-1.4965	-2.0292	-1.5466	-0.4561	0.64071	0.81259	0.06671

PKH_093670	0.28543	0.02426	0.05105	0.18485	0.149	0.28467	0.39206
PKH_121290	0.03358	0.13118	0.40688	0.48152	0.55602	0.3498	0.35876
PKH_124860	-1.0503	-0.9928	-0.9228	-0.6593	-0.6828	-0.4971	-0.4023
PKH_081060	0.24932	0.33107	0.33718	0.28855	0.40768	0.25696	-0.9775
PKH_145120	0.2297	0.21693	0.09539	0.032	0.10886	-0.0192	-0.1443
PKH_101850	-0.2687	-0.2322	-0.3808	-0.2561	-0.193	-0.145	-0.1368
PKH_020630	0.18321	0.50433	0.36663	0.33802	0.09561	-0.0411	-0.7925
PKH_143940	0.3932	0.46003	0.3856	0.15115	0.05272	0.22096	0.13243
PKH_081120	-1.2974	-1.4252	-1.3677	-1.504	-1.2217	-1.005	-0.9626
PKH_082420	-1.4323	-1.1425	-1.2395	-1.0703	-0.6908	-0.6691	-1.1679
PKH_052740	-0.0686	-0.2929	-0.455	-0.5334	-0.1646	0.36472	0.48558
PKH_113190	-0.5068	-0.6453	-1.0613	-1.0615	-0.7608	-0.4907	-0.7257
PKH_122760	-0.0263	-0.1021	-0.2405	-0.3673	-0.3313	-0.5554	-0.3524
PKH_072870	-1.277	-1.3931	-1.532	-0.9093	-0.7354	-0.1284	-0.2374
PKH_080110	0.07714	0.16353	0.2507	-0.1229	-0.1405	-0.3221	-0.2734
PKH_030940	-0.8469	-1.0983	-1.2531	-0.7945	-0.5296	-0.0182	-0.1899
PKH_092210	-0.2326	-0.3782	-0.2775	-0.0941	-0.0993	-0.2149	-0.2657
PKH_051350	-0.0613	-0.2872	-0.3124	-0.5069	-0.416	-0.5315	-0.0078
PKH_114100	-0.383	-0.4168	-0.4912	-0.2332	-0.7456	-0.6446	-1.6386
PKH_124000	-0.0134	-0.0229	0.29066	-0.0471	0.06926	-0.0977	-0.1484
PKH_091410	0.14702	-0.1744	-0.6765	-1.4536	-1.5891	-1.5247	-1.0217
PKH_132590	-0.3341	-0.0593	-0.2113	-0.415	-0.3819	-0.4117	-0.5343
PKH_131530	0.66388	0.7133	0.69809	0.71844	0.77418	0.69982	1.04771
PKH_140780	0.36442	0.24304	0.11239	0.2694	0.09253	-0.1068	0.12173
PKH_122520	0.85899	0.95249	0.89589	0.84906	0.40928	-0.045	0.14151
PKH_051340	0.31474	0.35292	0.21584	0.48007	0.04078	0.0806	0.75764
PKH_052420	-0.4879	-0.967	-1.262	-1.3599	-1.0316	-0.9642	-0.6396
PKH_126130	1.11727	1.68799	1.98057	1.961	1.14874	0.50744	0.27389
PKH_020860	-1.1958	-1.1174	-1.2809	-1.1551	-1.1356	-1.3527	-1.7163
PKH_061600	0.06463	0.16476	0.61383	0.40243	0.18307	0.60024	0.26573
PKH_141250	-0.1418	0.0415	0.09798	0.1082	0.01814	0.27303	-1.1866
PKH_146420	-0.3082	-0.1397	-0.1237	-0.1201	-0.2444	-0.1232	0.08263
PKH_050870	0.12985	0.32096	0.2266	-0.0532	-0.0657	-0.5593	-0.7349
PKH_146340	0.87713	0.76963	0.74816	0.80829	0.56939	-0.4336	0.15624
PKH_083440	0.39915	0.23354	0.29484	0.46001	0.59977	0.65706	0.57252
PKH_131580	-0.6131	-0.6369	-0.0931	0.41027	0.62479	0.94819	0.75028
PKH_123970	0.20778	0.30101	-0.089	-0.3874	-0.3791	-0.5377	-0.255
PKH_110770	-0.6798	-0.6011	-0.9689	-0.5149	-0.9768	-0.8314	-1.0525
PKH_126490	0.03209	0.20614	0.26122	0.35238	0.51088	0.26037	0.13956
PKH_123910	0.32277	0.40131	0.29865	0.24852	0.25724	0.50122	-0.8588
PKH_030820	-0.11	0.18104	0.36214	0.33937	0.49452	0.36563	0.07383
PKH_146490	-0.4066	-0.8014	-1.0837	-1.0469	-0.4728	-0.0621	0.00054
PKH_080150	0.23721	0.11968	0.04587	0.01834	0.17897	-0.0127	0.22736
PKH_143740	0.4312	0.47926	0.57638	0.60093	0.46241	0.43035	0.53294
PKH_051930	0.77333	0.84714	0.70962	0.45943	0.50582	0.33899	0.38563
PKH_010360	-1.2866	-1.0911	-1.2734	-1.0151	-1.0602	-0.9109	-1.6992
PKH_090800	-0.2725	-0.315	0.21292	0.6813	0.78359	0.4735	0.89338
PKH_100770	-0.2051	-0.2078	-0.5001	-0.7368	-0.8126	-0.9174	-0.9591
PKH_114830	-0.1553	-0.7631	-1.1288	-2.1609	-1.7284	-1.0139	0.23523
PKH_133450	0.40262	0.36758	0.59046	0.33094	0.5387	0.43135	0.51486
PKH_072730	0.74544	1.13325	0.96263	0.85343	0.69414	0.44757	0.34541
PKH_082240	-0.3661	-0.4323	-0.6623	-1.2101	-0.7405	-0.6613	-0.9391
PKH_122950	-0.0475	-0.044	0.17873	0.05814	-0.1367	-0.3267	0.18389
PKH_111610	0.46897	0.29656	0.1139	0.0618	0.18139	0.14293	-0.2321
PKH_060360	-1.3346	-1.4298	-1.3358	-1.1736	-0.7365	-0.3755	-0.8735
PKH_041340	-0.8961	-1.0024	-1.2761	-1.5515	-1.312	-1.2536	-0.9485
PKH_021330	0.25385	0.217	0.16826	0.1559	0.36016	0.06952	-0.0353
PKH_094270	-0.5852	-0.6761	-0.6487	-0.5776	-0.5459	-0.447	-0.6671
PKH_080020	0.77638	0.27387	0.12205	0.42833	0.36215	0.60523	0.75832
PKH_114210	0.56469	1.14397	1.27174	1.32859	0.93749	0.66346	0.41807
PKH_081320	-0.2846	-0.3193	-0.3859	-0.2373	0.15946	-0.1836	-0.5511
PKH_125480	-0.0035	0.37314	0.30693	0.5453	0.26508	0.13042	0.08143
PKH_081670	0.43963	0.4343	0.44534	0.36589	0.59492	0.50633	0.62005

PKH_090490	0.00053	0.10847	-0.0809	0.12012	0.00316	0.21175	-1.3659
PKH_102020	-0.3987	-0.3637	-0.3828	-0.1422	-0.2788	-0.6115	-1.8541
PKH_131210	-0.5931	-0.5084	0.0278	0.07601	-0.0561	-0.2537	-0.0768
PKH_110150	-0.195	0.11689	0.28611	0.14822	0.00761	0.0212	-1.5467
PKH_123200	-0.0148	0.02953	-0.0925	0.05608	-0.4637	0.07139	-0.6712
PKH_143700	0.06206	0.15726	0.16934	0.07025	-0.0083	0.05505	-0.1389
PKH_081080	-1.2779	-0.9235	-0.8167	-0.6736	-0.7507	-0.8536	-2.4171
PKH_131840	0.06419	0.39053	0.46528	0.36528	0.2831	0.20839	-0.2931
PKH_141980	-0.1721	0.01026	0.07716	0.2266	0.07818	-0.1055	-0.2968
PKH_010990	-0.9689	-0.932	-0.9044	-0.835	-0.9459	-1.017	-0.874
PKH_120450	-0.793	-0.4218	-0.415	-0.4093	-0.5596	-0.7593	-1.1802
PKH_092440	0.25527	-0.0881	-0.4369	-0.3811	-0.4277	-0.0162	0.39166
PKH_060350	-0.6926	-0.8053	-0.5158	-0.3504	-0.4331	-0.0887	-0.0835
PKH_144190	-0.0533	-0.0954	-0.022	0.12207	-0.0945	-0.2522	-0.6066
PKH_081890	-0.0454	0.22565	0.63871	0.67247	0.73063	0.84081	0.51532
PKH_051020	-0.14	0.0406	-0.0383	0.00519	-0.1835	-0.3368	-0.4476
PKH_070200	0.43228	0.55229	0.5703	0.75786	0.84667	0.69351	0.72617
PKH_071940	0.32671	0.09962	-0.0518	-0.3617	-0.1899	-0.1659	-0.1571
PKH_134220	0.32287	0.17233	0.16229	0.04942	0.35438	0.79836	0.81524
PKH_131030	0.36471	0.26316	0.241	0.13166	0.26523	0.29605	0.06084
PKH_144200	-0.3076	-0.4803	-0.4651	-0.7033	-0.695	-0.7492	-0.644
PKH_052710	0.03434	-0.0344	0.04642	-0.3393	0.32836	0.01536	-0.2382
PKH_122090	-0.2119	0.04617	0.3238	0.3236	0.0454	0.00519	0.02645
PKH_142020	0.58778	0.76155	0.81351	0.86031	0.94664	0.78778	1.52499
PKH_141870	0.14923	0.40386	0.44613	0.82784	0.64704	0.26136	0.40582
PKH_126680	-0.7281	-0.5766	-0.4436	-0.9723	0.05114	0.51431	0.35157
PKH_071240	-0.0098	0.19631	0.11415	0.07626	-0.0185	-0.1814	-0.3469
PKH_082090	-0.6294	-0.4397	0.0575	0.29005	-0.2537	0.03173	-0.7134
PKH_091740	0.83315	0.48764	0.43135	0.12932	-0.0264	-0.0458	0.09002
PKH_090210	-1.0374	-1.4069	-1.5585	-1.3832	-0.3223	0.37513	0.09977
PKH_111540	0.01841	-0.038	-0.0586	-0.0837	0.08446	-0.0708	-0.0298
PKH_041680	-0.1389	-0.244	-0.0883	-0.1095	-0.0912	0.06668	-0.3061
PKH_111360	0.10249	0.128	0.30106	0.23357	0.12273	0.19319	-0.0817
PKH_142200	0.53526	0.50379	0.41148	0.28501	0.2539	0.48209	1.07523
PKH_083420	0.12059	0.19657	0.21277	0.17903	0.30519	0.34117	-0.0324
PKH_041330	-0.0982	-0.1951	-0.2626	-0.1187	-0.3958	-0.4435	-0.3526
PKH_131930	-0.2499	-0.0486	0.04577	-0.0012	-0.1299	-0.0173	-0.1214
PKH_102680	0.11028	0.46939	0.20302	-0.0185	0.14582	0.04494	0.15239
PKH_121540	0.26876	0.21033	0.14424	0.10535	0.04869	0.07973	-0.1552
PKH_072140	0.21355	0.4557	0.53798	0.40825	0.27717	0.09035	-0.6167
PKH_114500	-0.2869	-0.2019	-0.3502	-0.1383	-0.3709	-0.2618	-0.1888
PKH_051310	-0.6003	-0.6649	-0.5065	-0.6632	-0.5881	-0.5529	-0.6942
PKH_125870	-0.0405	0.11959	0.17425	0.44564	0.14911	-0.048	0.13184
PKH_090050	0.10701	0.16158	0.15286	0.15767	0.05637	0.16676	-0.1222
PKH_144700	0.20481	0.03057	0.0698	-0.0474	-0.0177	-0.0294	-0.7957
PKH_051380	-0.493	-0.6387	-0.8469	-0.8087	-0.5626	0.20179	0.34074
PKH_112500	-0.4105	-0.1062	-0.0522	0.04509	0.24188	-0.2459	-0.6777
PKH_083200	-0.0219	0.02021	0.16879	0.08508	0.05745	-0.025	0.15627
PKH_142170	0.34465	0.14278	0.20622	0.26176	0.43343	0.36366	0.10083
PKH_082630	-0.5161	-0.2167	-0.3544	-0.0948	0.11389	-0.0767	-0.6371
PKH_050710	-0.4481	-0.3741	-0.3866	-0.149	-0.1011	-0.8578	-1.2635
PKH_010170	-0.4487	-0.6843	-0.7909	-1.1864	-1.2143	-1.1343	-1.3932
PKH_071200	-0.1699	-0.3016	-0.4811	-0.4058	-0.4697	-0.5228	-0.5105
PKH_090440	0.00494	-1.0357	-0.1493	-0.0079	-0.0149	-0.0252	-0.1749
PKH_140270	-0.3401	-0.153	0.10629	0.43853	0.31009	0.12654	0.01298
PKH_131610	-0.0073	-0.0583	-0.2483	-0.1807	-0.1799	-0.188	-0.119
PKH_091240	0.6084	0.36303	0.3757	0.7923	0.74316	0.62278	0.57713
PKH_080480	-0.2884	-0.1726	-0.114	-0.0015	0.04236	-0.2603	-1.9249
PKH_140220	0.33509	0.58516	0.63745	0.59859	0.65219	0.74265	0.83884
PKH_145100	-0.1601	-0.1769	-0.1895	-0.41	-0.2206	-0.1644	-0.2385
PKH_121650	0.09465	-0.0849	-0.0026	-0.1891	-0.3723	-0.3125	-0.3196
PKH_112670	0.22848	0.22069	0.00696	0.10458	0.09433	-0.0188	-0.141
PKH_051000	-1.5547	-1.4807	-1.1841	-0.8042	-0.6091	-0.3175	-0.3434

PKH_101020	0.61493	0.19878	0.13481	0.42464	0.66153	0.8924	1.25844
PKH_112370	-0.9976	-1.2892	-1.4415	-0.3045	-1.478	-1.4247	-1.803
PKH_010650	-0.8213	-0.8476	-0.8283	-0.8429	-0.6773	-0.369	-0.7604
PKH_132680	0.00544	0.03386	-0.1495	-0.2617	-0.3233	-0.2859	-0.3329
PKH_145040	-0.2348	-0.2993	-0.0589	0.03565	0.02589	0.15738	0.29277
PKH_124980	-1.8102	0.26303	0.301	0.14814	0.03067	0.08114	-0.024
PKH_125000	0.00098	0.14613	-0.0157	-0.0082	-0.2388	-0.0363	-0.7729
PKH_050370	-0.9615	-1.0274	-0.8681	-0.8106	-0.9249	-0.8348	-1.3036
PKH_061500	0.06049	-0.0761	-0.0778	-0.0267	-0.1636	-0.3581	0.13725
PKH_133670	0.41912	0.41295	0.27087	0.27213	0.19967	0.48781	0.59726
PKH_111440	0.1506	0.23717	0.52835	0.76341	0.5012	0.65538	0.48393
PKH_123700	-0.8239	-1.4813	-1.9285	-1.164	0.00456	1.12658	1.08204
PKH_073080	0.29432	0.30895	0.15551	0.21642	-0.036	0.10823	0.02614
PKH_070340	0.454	0.88256	1.01494	1.60807	1.66337	1.37827	1.10293
PKH_145410	-0.3332	-0.5302	-0.4247	-0.4963	-0.5165	-0.4554	-0.3634
PKH_100530	0.1328	0.18366	0.29282	0.2162	0.00657	0.06233	-0.0904
PKH_082250	-0.106	-0.1096	-0.2825	-0.1657	-0.2323	-0.1581	-0.3779
PKH_110600	0.57937	0.32074	0.44786	0.48002	0.17101	0.32942	0.61363
PKH_061100	0.06118	-0.3406	-0.7047	-0.7729	0.15332	0.59392	0.75919
PKH_083820	0.43174	0.1619	-0.1237	-0.1202	-0.1604	-0.1397	0.45052
PKH_072880	-0.6855	-0.8041	-0.8231	-0.9029	-0.6533	-0.4284	-0.1371
PKH_071300	0.14433	0.52499	0.50082	0.5985	0.42182	0.58435	0.17294
PKH_082280	0.15401	0.18266	0.13858	0.30756	0.25176	0.01176	0.34004
PKH_091780	0.18433	-0.1238	-0.4714	-0.4822	-0.5314	-0.0443	0.7872
PKH_141710	0.11715	0.07454	-0.0458	-0.1386	-0.128	-0.1791	0.20152
PKH_126600	0.60654	0.59479	0.59897	0.45092	0.37955	0.23845	0.07161
PKH_061490	0.15985	0.2414	0.15364	-0.0173	-0.0089	-0.0935	0.08523
PKH_102480	-0.3447	-0.2189	-0.311	-0.1242	0.00295	-0.044	-0.2073
PKH_093130	0.8551	0.99239	0.89483	0.51753	0.23614	0.10106	0.17474
PKH_123100	0.15976	-0.0224	-0.1877	0.01294	-0.1233	0.15085	0.09617
PKH_072620	0.77017	0.62765	0.58604	0.70039	0.72684	0.68536	0.93059
PKH_140010	0.09453	-0.3994	-0.805	-1.2184	-0.3413	1.09699	1.87152
PKH_124270	0.49416	0.41341	0.27787	0.49983	0.05559	0.28101	0.59847
PKH_011490	-1.357	-1.3359	-1.5694	-1.4178	-0.7863	-0.7793	-1.1367
PKH_141690	0.57598	0.55137	0.39449	0.22912	0.14885	0.42069	0.88074
PKH_080660	0.27321	0.34352	0.21647	0.22659	0.30647	0.43999	0.37804
PKH_121120	-0.4508	-0.1804	-0.1807	0.13913	0.07725	0.09217	-0.4586
PKH_144980	-0.3881	-0.3177	-0.136	0.13923	0.41226	0.22843	0.05138
PKH_146610	0.12357	0.29459	0.49016	0.41839	0.33818	0.20922	0.47133
PKH_062100	-0.984	-0.4457	-0.0956	0.42328	0.13604	0.2084	-0.2206
PKH_100060	0.77074	0.66504	0.42567	0.44834	0.51528	0.37786	0.2304
PKH_142460	0.17028	0.14411	0.29532	0.15703	0.27185	0.0963	0.38204
PKH_133890	0.91529	1.00724	0.76232	0.65863	0.48764	0.41559	1.0201
PKH_142430	0.47475	0.42085	0.35435	0.31059	0.4323	0.34181	-0.9491
PKH_060980	-0.3866	-0.2822	-0.1973	-0.1067	-0.1497	-0.2839	-0.5208
PKH_143840	0.1678	0.16306	0.17397	0.43496	0.34357	0.32481	0.43384
PKH_143340	1.00833	0.53202	0.68792	0.22817	0.27214	0.79888	1.42339
PKH_102670	0.33728	0.38	0.6895	0.2287	0.07622	0.31261	0.43352
PKH_041660	0.22055	0.33181	0.32059	0.43794	0.2164	0.09834	-0.2874
PKH_144970	0.56733	0.2086	0.23102	0.03352	0.0301	0.29415	0.27958
PKH_114030	-0.363	-0.2434	-0.376	0.04543	-0.2679	-0.1067	-1.4458
PKH_010980	1.01513	1.49157	1.61019	1.60727	0.97637	0.38293	0.24764
PKH_052400	-0.431	-0.8712	-0.782	0.05677	1.08768	1.40433	1.34301
PKH_070640	0.09083	0.22642	0.55964	0.40225	0.34311	0.33314	0.52624
PKH_061140	-0.262	-0.4359	-0.7602	-1.03	-0.9406	-0.703	-0.6301
PKH_133865	-0.4787	-0.1174	-0.5021	-0.0163	-0.0959	-0.1441	-1.3923
PKH_011020	-1.2506	-1.1192	-1.3175	-1.2256	-1.14	-1.3421	-1.7956
PKH_124230	-0.9501	-0.4735	0.00359	0.35152	-0.2506	-0.0917	-0.4366
PKH_113090	0.56322	1.00797	0.82354	1.02612	0.65076	0.55994	0.16974
PKH_114430	0.09496	0.15282	0.28215	0.59515	0.75445	0.2216	-0.0367
PKH_142010	-0.9077	-1.063	-0.9511	-0.8934	-0.4798	-0.2349	-0.0247
PKH_031340	-0.187	-0.3589	-0.9211	-1.1201	-1.2695	-1.2226	-0.8409
PKH_121920	-0.1332	-0.2089	-0.2682	0.10468	0.51381	0.55199	0.67138

PKH_112860	-0.0327	0.30505	0.46025	0.59967	0.60462	0.33801	0.31668
PKH_126460	0.31556	0.39215	0.13778	0.05572	-0.1072	-0.134	0.05565
PKH_093490	-0.1716	0.02321	0.04327	-0.047	-0.0923	-0.2075	-0.3108
PKH_142280	0.18643	0.23197	0.34296	0.52441	0.49286	0.29225	0.08974
PKH_101010	0.29055	0.05344	-0.0508	0.15824	0.61323	0.79155	0.84592
PKH_082430	-0.3294	-0.3302	-0.3531	-0.5027	-0.2876	-0.3849	-0.4679
PKH_101800	0.45204	0.3954	0.10542	0.06448	0.24275	0.15903	0.2916
PKH_090450	-0.3348	-0.3242	-0.1078	-0.1371	-0.0267	-0.1687	-0.2871
PKH_061300	0.09478	-0.1164	-0.2914	-0.3014	0.12111	0.60961	1.07767
PKH_010930	-0.3594	-0.436	-0.4674	-0.6362	-0.5745	0.22227	0.18632
PKH_110190	0.97952	0.97812	1.03716	1.01148	0.50738	0.45417	0.81777
PKH_102180	-0.4309	-0.3461	-0.2612	-0.1764	0.03247	0.39112	0.43257
PKH_122690	0.27951	0.35864	0.46689	0.5651	0.29612	0.3748	0.34769
PKH_011160	-1.2495	-1.2849	-1.1401	-1.0072	-1.0211	-0.8336	-0.9528
PKH_070710	-0.1527	-0.4998	-0.6507	-0.7847	-0.3228	0.174	0.43894
PKH_134120	-0.0236	-0.0061	-0.1949	-0.1297	-0.0219	0.02922	0.04229
PKH_114600	-0.2834	-0.5534	-0.4305	-0.5056	-0.2632	-0.2814	-0.3216
PKH_145370	-0.2323	-0.3802	-0.2288	-0.2841	-0.1905	0.04059	0.16963
PKH_147000	0.12325	-0.3224	-0.9509	-0.7917	-1.2859	-0.2019	0.70397
PKH_140640	-0.5214	-0.2477	-0.3359	-0.0075	-0.0586	-0.0068	0.18779
PKH_146960	-0.878	-1.2152	-1.0103	-0.2583	-0.3596	-0.0161	-0.4511
PKH_050960	-0.6548	-0.891	-0.7233	-0.7745	-0.2108	0.30408	0.61831
PKH_030080	0.0204	-0.0028	-0.2045	-0.2606	-0.0204	0.16894	0.33702
PKH_132210	0.18244	-0.0009	0.12103	0.07065	-0.0961	-0.0726	-0.8653
PKH_071550	0.08972	0.13425	0.4188	0.27232	0.079	0.28602	-1.1626
PKH_041710	-0.801	-0.6886	-0.3741	0.0445	-0.1064	-0.3854	-0.5702
PKH_030030	-1.787	-1.4216	-1.6894	-1.6537	-1.5921	-1.6631	-3.4333
PKH_120470	-0.2781	-0.5488	-0.5286	-0.9339	-0.7435	-0.7445	-0.6392
PKH_020830	-0.0309	0.18444	0.31396	0.42204	-0.0757	-0.4481	-0.9512
PKH_092890	-0.3986	-0.2607	-0.3031	-0.39	-0.212	-0.1231	-0.4345
PKH_072540	-0.2397	-0.1313	-0.057	0.01928	0.22166	0.26719	0.07727
PKH_011240	-2.1195	-2.0466	-2.0714	-2.3969	-2.1866	-2.2071	-2.6365
PKH_051820	-0.1678	-0.4471	-0.4681	-0.3691	-0.4473	-0.4374	-0.8315
PKH_114650	-0.4828	-0.3048	-0.5234	-0.6706	-0.6678	-1.0654	-1.5712
PKH_113770	0.05314	0.06335	0.26053	0.24536	-0.0251	-0.1562	-1.3696
PKH_141170	0.16252	0.16255	0.38816	0.10364	0.09963	0.22578	-1.1884
PKH_051300	-0.5606	-1.1212	-1.6421	-2.6372	-2.0332	-1.0076	-0.3115
PKH_051500	-0.6014	-0.2569	-0.4134	-0.4915	-0.5412	-0.6576	-1.4638
PKH_050760	-0.7891	-0.9292	-1.2543	-0.5175	-1.3648	-0.8923	-1.922
PKH_031060	-0.4976	-0.5183	0.10417	0.0225	0.22291	0.32097	-0.3006
PKH_000170	-1.4432	-1.7408	-1.3595	-0.5991	0.07351	0.43434	0.36666
PKH_051130	0.1848	0.35828	0.36368	0.15646	0.16985	-0.0084	-0.1957
PKH_093820	0.45507	0.53584	0.88358	1.20854	0.84873	0.77811	0.58511
PKH_092790	-0.8208	-0.8986	-1.0875	-1.1769	-1.3658	-1.2649	-1.1074
PKH_133960	-0.4265	-0.4458	-0.4476	-0.4586	-0.4726	-0.513	-0.4872
PKH_093960	0.72514	0.92895	0.76686	0.67157	0.22836	-0.0927	-0.2846
PKH_122680	0.15629	0.23125	0.25162	0.31236	0.25681	0.37121	-0.0264
PKH_123020	0.13699	0.0892	0.03247	-0.0316	0.10919	0.06581	-0.5484
PKH_122970	1.20182	1.08678	1.00331	0.64934	0.86942	0.45319	0.60112
PKH_126400	0.75263	0.7836	0.79173	0.65573	0.57153	0.33966	0.43169
PKH_143760	-0.2192	-0.0341	0.03417	0.07788	-0.2176	-0.1509	-0.5329
PKH_114540	0.37864	0.90402	1.03735	0.96657	0.43953	0.01244	-0.4456
PKH_040050	0.77569	0.64602	0.63864	0.51575	0.41746	0.62769	1.09424
PKH_134080	0.42706	0.68959	0.62724	0.74946	0.61414	0.38076	0.07628
PKH_031180	-0.2965	0.01848	-0.1141	-0.375	-0.401	-0.7161	-1.3823
PKH_050290	0.99037	0.80329	1.10276	0.6488	0.46984	0.50898	-0.1016
PKH_021140	0.40171	0.85118	0.85203	0.83472	0.70363	0.49267	0.34962
PKH_093900	-0.1512	-0.052	0.06965	0.23873	0.13247	0.08985	-0.1983
PKH_031870	-0.7312	-0.3292	-0.2218	-0.0256	-0.1522	-0.2663	-0.5653
PKH_113970	0.36622	0.44318	0.47849	0.77356	0.4761	0.41557	0.76234
PKH_142990	0.54469	0.72694	0.91316	0.98523	0.47819	0.20455	0.28116
PKH_111300	-0.2108	-0.0849	0.14227	0.10787	0.36462	0.07076	-0.3264
PKH_131320	0.15384	0.31663	0.6319	0.88454	0.63351	0.44454	0.75687

PKH_121340	0.78437	1.57178	1.92796	2.04181	1.88354	1.39447	1.03087
PKH_071000	0.68118	0.62059	1.06054	0.85379	0.68296	0.61401	0.77317
PKH_121660	0.15337	0.10622	0.1626	-0.2748	-0.0771	-0.18	-0.2949
PKH_010380	-1.9714	-1.843	-1.6914	-1.4126	-1.3634	-1.4678	-2.5427
PKH_121700	-0.8784	-0.991	-1.017	-0.9794	-0.8689	-0.936	-0.8271
PKH_140130	0.71575	0.72102	0.54594	0.42958	-0.0793	-0.3106	-0.0389
PKH_031580	-0.2391	-0.0837	-0.1959	-0.1374	0.05666	-0.1219	-0.321
PKH_120750	0.26461	0.18489	0.25099	0.25256	0.22023	0.36638	0.49499
PKH_061380	0.04658	0.41028	0.58287	0.31426	0.09898	0.03921	-0.1742
PKH_021230	-1.3966	-1.559	-1.5425	-1.5947	-1.4527	-0.826	-0.5564
PKH_101610	-0.1179	-0.2921	-0.2488	-0.3935	-0.1013	-0.0806	-0.1365
PKH_130230	0.58349	0.61526	0.50199	0.47866	0.45189	0.29715	0.5201
PKH_110650	-0.4121	-0.4477	-0.5636	-0.6598	-0.4613	-0.4058	-0.0751
PKH_141050	-0.7595	-1.1094	-1.2241	-1.4171	-1.1324	-0.9511	-0.5741
PKH_122900	-0.2658	-0.104	0.13473	0.53336	0.50838	0.54341	0.6311
PKH_142850	-0.1513	0.02395	0.24184	0.91651	0.33872	0.21439	0.06276
PKH_130770	0.34716	0.20273	0.09401	0.40193	0.27752	0.14361	0.24509
PKH_094510	0.22235	0.14162	0.43995	0.37796	0.2618	0.3721	0.52775
PKH_041200	-0.7794	-0.8148	-0.7561	-0.7632	-0.5038	-0.0829	0.14317
PKH_111740	0.09118	0.18675	-0.0099	0.02982	-0.3253	-0.4469	-0.7756
PKH_120040	1.31274	1.02363	0.48175	-0.3637	-0.3192	0.38077	1.1881
PKH_093700	-0.2285	-0.1819	0.00331	-0.1042	-0.0173	-0.2413	-0.0865
PKH_060320	-1.1445	-1.8514	-1.4792	-0.4906	0.45292	0.57854	0.15094
PKH_132830	0.4922	0.21664	-0.0722	-0.3675	0.22507	0.82465	0.93914
PKH_142220	0.10855	0.15895	0.17822	0.06209	0.08985	-0.0324	-0.1016
PKH_094410	-0.0243	-0.1014	0.23702	0.45515	0.59541	0.43674	0.59906
PKH_143320	0.41645	0.43597	0.59538	0.41625	0.40684	0.26002	0.14706
PKH_123890	1.07219	1.03267	0.86954	0.66564	0.28675	0.26382	0.88419
PKH_051900	-0.2827	-0.2523	-0.3277	-0.2459	-0.2507	-0.3388	-0.7181
PKH_125620	-0.2783	-0.2409	-0.0724	-0.1541	-0.2705	-0.2605	0.00909
PKH_126540	0.11512	0.07453	0.03013	0.12274	0.40673	0.567	0.55496
PKH_094110	-0.0064	0.11445	0.17504	0.03877	0.17475	0.07096	0.02016
PKH_102550	-0.4563	-0.6889	-0.6639	-0.5802	-0.5397	-0.3742	-0.6187
PKH_050020	-1.4879	-1.5112	-1.4937	-1.5032	-1.2226	-1.1368	-1.0418
PKH_121010	-1.2449	-1.7235	-1.8204	-1.629	-0.4566	0.37999	0.07579
PKH_092850	-0.4698	-0.1883	-0.1172	-0.2342	-0.7894	-0.8343	-2.4568
PKH_120340	-1.0651	-1.1334	-0.9504	-0.3422	0.48104	0.921	0.58604
PKH_133080	0.31885	0.35156	0.19866	0.24107	0.37819	0.19367	-0.0023
PKH_142880	-0.1646	-0.1406	-0.0176	-0.0425	0.13983	0.0014	0.02281
PKH_093470	0.22855	0.14106	0.44657	0.26293	0.43946	0.16389	0.07959
PKH_143640	-0.2052	-0.2488	-0.4169	-0.3064	-0.2447	-0.364	-0.8877
PKH_050880	-0.0953	-0.161	-0.1231	-0.1672	-0.1429	-0.0611	0.09782
PKH_040780	-0.0644	-0.0687	-0.061	-0.0468	-0.0155	-0.1844	-0.6517
PKH_111380	-0.2248	-0.0029	-0.078	0.21231	-0.1379	-0.3443	-0.6234
PKH_092480	0.64068	1.22694	1.52412	2.07441	1.43013	1.16236	1.01675
PKH_100670	0.067	0.18619	0.37422	0.31267	0.33537	0.29174	0.06276
PKH_093110	0.53549	-0.0074	-0.3132	-0.1172	0.72317	1.54459	1.82012
PKH_126160	0.31979	0.68663	0.88232	0.84482	0.54722	0.42869	0.25508
PKH_090240	-0.5047	-0.3582	-0.2175	-0.1764	-0.0961	-0.1943	-1.386
PKH_134110	0.0761	0.00258	-0.1509	-0.2274	-0.3088	-0.2304	0.21899
PKH_140420	0.2036	0.17471	0.12679	0.13607	0.14582	0.22269	0.30901
PKH_081750	0.09315	-0.084	-0.2095	-0.3566	0.12862	-0.2433	-0.0548
PKH_130290	0.39736	0.23557	0.16119	0.22335	-0.018	0.08646	0.13728
PKH_122870	0.22021	0.01197	0.34317	0.40476	0.33501	0.13653	0.15923
PKH_110540	0.87658	0.5361	0.32756	0.12921	0.00141	0.52183	0.98062
PKH_134400	0.38707	0.44492	0.49956	0.55487	0.52874	0.53346	0.5661
PKH_070050	0.23102	0.20433	0.31973	0.39946	0.39449	0.41445	0.5822
PKH_113870	-0.1382	-0.0653	0.10601	0.35276	0.39521	0.6659	0.71649
PKH_140740	0.06988	0.41416	0.37262	0.26311	0.43532	0.62348	0.71694
PKH_132000	-0.4143	-0.3436	-0.3542	-0.4514	-0.3109	-0.3639	-0.2798
PKH_143060	0.58725	0.40932	0.39534	0.36198	0.40891	0.84489	1.83838
PKH_142100	0.52158	0.71862	0.97108	1.28778	1.13727	0.78017	0.79815
PKH_124770	0.29611	0.19229	0.23496	0.21462	0.01619	-0.0585	-0.277

PKH_144430	0.64299	0.74817	0.76386	0.70943	0.66885	0.64842	0.57815
PKH_051720	-0.5109	-0.4788	-0.0524	0.01006	0.07595	0.11042	0.46107
PKH_100570	-0.6041	-0.2176	0.21093	0.71754	0.88143	0.59188	0.29312
PKH_141530	0.24773	0.1342	0.16013	0.19698	0.61698	0.59305	0.6936
PKH_010160	-1.3424	-1.2633	-1.3754	-1.3193	-1.3756	-1.5437	-3.2634
PKH_060030	1.22389	0.83119	0.19011	-0.1209	0.02371	0.77606	1.24806
PKH_146530	-0.0905	-0.1551	0.08895	0.27506	0.15868	0.32131	0.57333
PKH_020220	0.80661	0.84677	0.94215	0.72461	0.23157	0.00187	-0.1883
PKH_093220	-0.2011	-0.0078	0.46189	0.45547	0.60337	0.51695	0.37424
PKH_113340	-0.0146	0.00787	-0.1177	-0.1137	-0.31	-0.2777	0.00816
PKH_072990	0.48331	0.81731	0.77068	0.51564	0.49629	0.07719	0.27382
PKH_040570	0.14468	0.4633	0.26307	0.35329	0.26364	0.12355	0.13234
PKH_092080	-0.861	-0.9478	-0.9447	-0.9217	-0.7773	-0.2845	-0.1472
PKH_131340	0.10938	0.0038	0.28965	-0.0128	0.01657	-0.0852	-0.0736
PKH_061170	-1.1893	-1.1278	-1.3331	-1.3315	-1.4783	-1.4931	-1.6583
PKH_102290	-0.3238	-0.1082	-0.1068	-0.099	-0.1751	-0.1978	-1.517
PKH_062210	-0.0678	-0.0095	-0.0555	0.11467	0.01443	-0.0189	-0.1963
PKH_093800	-0.6988	-0.616	-0.2749	0.23604	0.39939	0.21331	-0.119
PKH_141000	0.08278	0.17984	0.19619	0.05486	0.06528	0.04417	-1.2353
PKH_130140	0.34819	0.38978	0.92804	0.8185	0.98181	0.62212	0.13228
PKH_072970	0.58258	1.01768	1.19107	1.16043	1.11447	0.77293	0.77561
PKH_130740	-1.3265	-0.9622	-1.0754	-1.062	-1.0178	-1.665	-2.8099
PKH_146810	-0.0107	0.16264	-0.0901	-0.1145	-0.2691	-0.1493	0.0153
PKH_031480	-0.8153	-0.6834	-0.8623	-0.6513	-0.7549	-0.9384	-2.2872
PKH_146020	1.02197	1.01109	1.01304	1.23724	1.12223	0.87434	0.91419
PKH_070740	-0.1251	0.1587	0.2005	0.03154	0.05309	0.09739	-0.5261
PKH_030570	-2.0176	-1.7488	-1.7764	-1.8185	-1.5897	-1.6239	-2.2335
PKH_122790	-0.0007	-0.0595	-0.0232	-0.1974	-0.0235	-0.2327	0.23069
PKH_060970	-1.3371	-1.2978	-0.6448	-0.0362	0.32317	0.45655	-0.2913
PKH_060220	-0.0176	0.09666	0.47764	0.51919	0.23386	0.03303	0.09972
PKH_093350	0.05755	-0.0129	-0.0132	0.20507	-0.0203	0.05015	-1.164
PKH_093910	0.65031	1.04687	0.92876	0.94119	0.48608	0.15712	0.18865
PKH_061330	-0.2265	-0.2674	-0.3391	-0.3632	-0.4736	-0.4831	-0.3444
PKH_102230	-0.2089	-0.0925	-0.2613	-0.1869	-0.2486	-0.3323	-1.3296
PKH_051400	0.40678	0.61945	0.76338	0.94267	0.44732	0.21463	0.14742
PKH_131570	1.32028	1.50472	1.74461	1.78416	1.25768	0.85183	0.69763
PKH_124410	0.65104	0.68867	0.68145	0.62459	0.29681	0.16486	0.28233
PKH_101690	0.13575	0.29853	0.39807	0.18264	-0.2614	-0.4194	-0.4508
PKH_010960	0.41208	0.72421	0.72257	0.3727	0.20849	-0.031	-0.3681
PKH_121090	0.06939	-0.0637	0.12096	0.05535	0.03127	0.24516	0.13903
PKH_061690	0.4561	0.45764	0.30217	0.52325	0.19538	0.21492	-1.2768
PKH_071820	0.81399	1.03332	1.05508	0.89509	0.38478	0.12843	0.19752
PKH_062280	-0.5351	-0.6555	-1.5129	-0.6843	-0.588	-0.8328	-1.6807
PKH_131490	0.59256	0.38393	0.51157	0.03405	0.01805	0.25704	0.79828
PKH_122480	-1.0053	-0.9181	-0.5824	-0.335	-0.0947	0.00504	-0.2742
PKH_052750	-0.5512	-0.9613	-1.1511	-1.4278	-1.214	-0.7083	0.12507
PKH_124160	0.69703	0.62078	0.98757	0.62225	0.46207	0.51136	0.61276
PKH_030520	-0.4287	-0.4547	-0.5688	-0.7171	-0.7646	-1.0063	-0.8887
PKH_111200	0.77601	0.71568	0.85838	0.51467	0.51496	0.42382	0.63231
PKH_052340	0.32988	0.66889	0.38691	0.57688	0.19911	-0.0501	-0.2992
PKH_141820	-0.3187	-0.0215	-0.3954	-0.6656	-0.8116	-0.7684	-0.6737
PKH_090760	0.28462	0.23136	0.03922	0.02943	-0.2541	-0.3788	-0.137
PKH_080440	0.16408	0.23172	0.05257	-0.2624	0.00862	-0.1749	-0.0307
PKH_091960	0.24059	0.31535	0.28885	0.55255	0.27667	0.26535	0.16784
PKH_050110	0.66259	0.90105	0.56861	0.3072	0.39542	0.48336	1.21898
PKH_060160	0.26701	-0.2583	-0.6322	-0.6855	0.12429	1.34296	1.74237
PKH_114860	1.19264	0.8434	0.01119	-0.6663	-0.8418	0.07314	1.34353
PKH_141650	0.42773	0.62761	0.65341	0.75216	0.37979	-0.0312	0.16828
PKH_141430	0.52177	0.45674	0.63459	0.49449	0.60228	0.68604	0.10645
PKH_071870	0.38964	0.33138	0.22156	0.13408	0.1663	-0.0592	-0.1515
PKH_123780	-0.2395	-0.1468	-0.3306	-0.3397	-0.4735	-0.5072	-0.4288
PKH_091990	-0.2875	-0.3627	-0.3905	-0.5069	-0.42	-0.4329	-0.2363
PKH_146760	0.37843	0.18541	0.06947	0.19642	0.1522	0.41585	0.44251

PKH_131370	0.3378	-0.3392	-0.7187	0.11219	1.406	2.0332	1.93826
PKH_041510	-0.4161	-0.6705	-0.7827	-1.2452	-1.2357	-1.346	-1.0263
PKH_102740	0.36964	0.44864	0.36513	0.36857	0.32316	0.23049	0.35827
PKH_133060	0.20452	0.15318	0.16444	-0.0624	0.46688	0.46808	0.24867
PKH_102780	-0.261	-0.3039	-0.3172	-0.3939	-0.1334	0.13966	0.15555
PKH_094350	0.46757	0.49839	0.17111	-0.0638	0.11147	-0.0882	0.18812
PKH_020530	-0.7625	-0.4962	-0.5142	-0.4044	-0.641	-0.684	-0.8335
PKH_030880	0.46269	0.63865	0.66309	0.42947	0.11119	-0.1609	-0.3234
PKH_020880	-0.6004	-0.3105	-0.1867	-0.3564	-0.053	-0.3321	-0.9154
PKH_083530	0.20566	0.24296	0.04625	0.13419	-0.217	-0.4846	-0.1192
PKH_051100	-0.0969	-0.1248	-0.424	-0.397	-0.3049	-0.2491	-0.3108
PKH_083170	-0.178	-0.5524	-0.8452	-0.6842	0.54848	1.25721	1.4231
PKH_142860	0.7921	0.61825	0.59815	0.59385	0.64289	1.14852	1.64453
PKH_031170	-1.0899	-1.1869	-0.9048	-1.1384	-0.9666	-0.8875	-1.5011
PKH_121180	-0.2382	-0.2909	-0.4205	-0.6297	-0.7924	-0.593	0.05871
PKH_113580	-0.2847	-0.1482	-0.146	-0.0164	-0.0288	-0.0571	-0.0028
PKH_070560	-0.1126	0.07745	0.15385	0.52103	0.54813	0.53356	0.51639
PKH_011480	-0.7689	-0.9764	-1.2359	-2.0169	-1.0445	-0.4828	-0.2385
PKH_121870	-0.0844	-0.1848	-0.1775	-0.063	-0.6776	-0.8871	-0.8476
PKH_094190	-0.0085	-0.0826	-0.0862	0.01519	-0.1627	-0.1489	-0.4392
PKH_010240	-1.1406	-1.4127	-1.5557	-1.7977	-1.6359	-1.6023	-1.8948
PKH_125520	-0.0963	-0.1132	-0.2202	-0.6266	-0.7229	-0.8143	-0.9872
PKH_030790	0.11909	0.31625	0.40624	0.81782	0.5206	0.53971	0.54205
PKH_124170	-0.0297	-0.692	-0.7721	0.18813	0.65466	0.74239	0.95274
PKH_146010	0.49674	0.54213	0.65578	0.49093	0.50667	0.48455	0.58472
PKH_071440	-0.4649	-0.3257	-0.5794	-0.7613	-0.5777	-0.7227	-0.7671
PKH_052380	-0.2959	-0.1657	-0.3713	-0.0521	-0.1282	-0.0505	-0.1835
PKH_140030	1.23825	1.23939	0.92667	0.57434	0.18251	-0.1256	0.67327
PKH_133490	0.81818	0.69609	0.62842	0.75313	0.53256	0.58226	0.57883
PKH_102570	-0.8471	-0.6866	-0.3593	-0.0912	-0.0693	0.05885	-1.4684
PKH_141080	-0.0892	-0.1562	-0.0531	-0.0666	-0.0434	-0.0802	-1.3145
PKH_143480	0.28232	-0.0048	-0.0056	0.2363	0.33973	0.58021	0.5922
PKH_061470	-0.5594	-0.5078	-0.3512	-0.2545	-0.4246	-0.5686	-2.0597
PKH_030110	-0.1114	0.04394	0.01534	0.01473	0.02026	0.0513	0.2901
PKH_143520	0.24066	0.2286	0.36266	0.11278	0.08647	0.19691	-0.5027
PKH_141500	0.80366	0.91744	1.03712	1.16385	0.74964	0.42395	0.61348
PKH_146980	-0.8071	-1.1859	-1.7088	-0.8882	-0.5162	0.37787	0.67579
PKH_021370	-1.1648	-1.2268	-1.387	-1.5689	-1.7394	-1.4351	-1.571
PKH_050530	-1.7527	-1.6333	-1.7693	-1.3845	-1.6834	-1.8015	-3.4244
PKH_011130	-0.1678	-0.0709	-0.1488	-0.2223	-0.3816	-0.6288	-0.9042
PKH_062040	-0.7845	-1.3924	-1.2123	-0.2771	0.89966	0.98179	0.76871
PKH_114280	-0.144	-0.0195	0.301	0.53775	0.52107	0.26834	0.23362
PKH_070450	-0.4184	-0.2201	-0.1584	-0.3913	-0.3092	-0.2782	-0.3731
PKH_101600	-0.4727	-0.2971	-0.0159	0.07888	0.63587	0.50197	-0.0267
PKH_134020	-0.3901	-0.0483	0.09044	-0.0803	0.06543	-0.0581	0.21661
PKH_122190	1.04942	0.93008	0.42427	-0.11	0.01885	0.08615	0.22021
PKH_140400	0.11838	0.25561	0.23216	0.27036	0.08596	-0.0537	-0.1204
PKH_145980	0.36879	0.15374	0.04753	-0.0046	-0.1745	-0.1365	0.02956
PKH_090860	-0.8015	-1.0325	-0.916	-0.8019	-0.7229	-0.5899	-0.343
PKH_020370	0.39219	0.05865	-0.4302	-0.204	-0.3562	-0.2684	-0.6981
PKH_132260	-0.5747	-0.1239	-0.2091	-0.1979	-0.3733	-0.6462	-1.4605
PKH_052250	0.6358	0.80924	0.49405	0.53771	0.3079	0.35216	0.32004
PKH_082120	-0.8303	-0.6755	-0.7617	-0.7536	-0.7952	-0.6804	-1.1107
PKH_131440	-0.075	0.06636	0.1408	0.27985	0.18343	-0.0413	-1.1807
PKH_120540	0.39318	0.54088	0.72136	0.88077	0.59531	0.5424	0.64678
PKH_112930	0.08087	0.24478	0.02962	0.17561	-0.0725	-0.0313	-1.1061
PKH_125670	-0.4071	-0.6342	-0.229	0.33801	0.86261	0.99797	0.7882
PKH_123140	0.46066	0.40745	0.25728	0.19569	-0.1445	-0.3704	-0.1363
PKH_011210	-2.6213	-2.5902	-2.5162	-2.367	-2.2795	-2.4224	-3.1095
PKH_091580	-0.5772	-0.3031	-0.1925	-0.1318	-0.0246	-0.1247	-0.1652
PKH_112200	0.1067	0.27476	0.19862	0.15167	0.08622	0.064	0.00999
PKH_110420	0.26313	0.50542	0.39724	0.10649	0.03623	0.03473	0.08367
PKH_081440	0.30896	0.20579	0.30776	0.23889	0.20735	0.13578	0.44326

PKH_123900	0.45667	0.17846	0.09594	-0.2913	-0.2374	-0.1999	0.21188
PKH_061830	0.2374	-0.0256	-0.1302	-0.1751	-0.2853	-0.1839	-1.3386
PKH_094530	-0.2682	-0.3497	-0.4434	-0.3898	-0.2892	-0.1276	-0.0778
PKH_123600	0.16798	-0.1785	0.03648	0.00788	0.54559	0.78984	1.02741
PKH_111500	0.12094	0.11698	0.11745	0.00703	0.12955	0.12271	0.15067
PKH_101190	-0.3962	-0.1817	-0.219	-0.29	-0.3075	-0.2888	-0.4124
PKH_101960	-0.0135	-0.1015	-0.1932	-0.1494	-0.307	-0.3083	-1.7632
PKH_073180	-0.6895	-0.5511	-0.5819	-0.6216	-0.7032	-0.7428	-0.7712
PKH_041730	0.47666	0.36659	0.05995	-0.0972	-0.2334	0.59331	1.06487
PKH_080980	0.77935	0.52827	0.20413	0.22486	0.38701	0.89736	1.59448
PKH_091940	0.21129	0.16996	0.13215	-0.0362	-0.108	-0.2269	-0.0688
PKH_125810	-0.2055	-0.1763	-0.3998	0.02713	-0.3818	-0.0096	-1.2085
PKH_123210	-0.7223	-0.4421	-0.0322	-0.1507	0.22809	0.02512	-0.4587
PKH_083470	0.24468	0.09167	0.29567	0.20254	0.56713	0.55572	0.79111
PKH_131110	-0.015	-0.1004	-0.1835	-0.1502	-0.1316	-0.1701	0.03697
PKH_131910	0.07859	-0.2663	-0.4352	-0.813	-1.0148	-1.0191	-0.1219
PKH_082460	-0.3202	-0.3715	-0.7656	-1.0946	-0.8433	-0.8972	-0.9722
PKH_131590	0.31498	0.26843	0.32102	0.14712	0.38819	0.53126	0.67873
PKH_100070	0.54613	0.82776	1.00582	1.24674	1.00091	0.83301	0.67202
PKH_091090	-0.0152	0.17897	0.02443	-0.1009	-0.0783	-0.1429	-0.243
PKH_070810	0.1757	0.0571	0.37468	-0.0141	0.31889	0.01635	0.23642
PKH_146870	0.132	-0.0113	0.2248	0.0923	0.26569	0.20411	-1.0493
PKH_090580	-1.0404	-0.6952	-0.5337	-0.4254	-0.667	-0.7185	-1.102
PKH_123940	-0.1647	-0.1622	-0.1333	-0.1009	-0.063	-0.1103	-0.1623
PKH_125490	0.26307	0.15007	0.24917	0.19544	0.19622	0.32696	0.1328
PKH_052110	-0.3475	-0.2909	-0.5699	-0.247	-0.5002	-0.4503	-1.6914
PKH_125210	0.14005	0.05734	-0.6248	-0.7863	-1.0769	-0.74	0.09314
PKH_131820	-0.1543	-0.2482	-0.159	-0.3232	-0.4061	-0.2366	0.13629
PKH_060040	-0.0775	0.04508	0.04306	-0.0504	-0.1049	-0.0638	-1.2916
PKH_121550	0.38004	0.47678	0.21398	0.29803	0.06366	-0.1532	0.1914
PKH_111480	-0.1417	-0.2994	-0.2348	-0.272	-0.4327	-0.2141	-0.2903
PKH_145030	0.01848	0.16167	0.01469	0.03147	0.10848	0.14808	0.01948
PKH_081680	0.65057	0.77066	0.80794	0.83265	0.72818	0.87284	1.25478
PKH_052580	-1.0137	-0.3377	0.01547	0.42442	0.11362	-0.0327	-0.2736
PKH_040400	-0.4295	-0.5855	-0.461	-0.6482	-0.3999	-0.3477	-0.3404
PKH_131870	-1.1426	-1.142	-0.9572	-0.9967	-0.8853	-0.714	-0.6503
PKH_010010	0.47502	0.4901	0.50398	0.35716	0.15372	0.43581	0.37634
PKH_091120	0	-0.1818	-0.133	-0.1945	-0.1081	-0.0257	-0.1453
PKH_145190	0.01828	-0.2233	-0.1373	-0.2182	-0.3609	-0.3613	-0.4028
PKH_082260	-0.4579	-0.4338	-0.4634	-0.3872	-0.4724	-0.5614	-0.82
PKH_100550	-0.0802	0.09774	-0.1528	0.16429	-0.0593	-0.0674	-1.3475
PKH_121080	-0.2786	-0.2084	-0.3945	-0.4393	-0.3376	0.08158	0.08087
PKH_146640	0.65316	0.58149	0.39136	0.00214	0.07741	0.34663	0.63428
PKH_093990	0.96323	1.03776	0.89635	0.72211	0.31036	0.15022	0.30335
PKH_143720	0.32324	0.56818	0.822	1.02407	0.76117	0.63975	0.91353
PKH_122270	0.34233	0.15804	0.34755	0.47959	0.12766	0.47224	0.04912
PKH_090590	0.37184	0.60928	0.333	0.50562	0.60118	0.47582	0.37668
PKH_050270	0.01709	0.08668	0.0223	-0.1341	-0.1273	-0.2702	-0.5418
PKH_051050	0.27169	0.92008	0.18189	0.22293	-0.0967	-0.3003	-0.556
PKH_092570	0.20242	0.0218	0.13848	-0.0264	0.24606	0.41079	0.19817
PKH_080880	0.21573	0.1578	0.15759	0.15872	0.24262	0.05532	-0.2521
PKH_072320	-0.5354	-1.0086	-1.2056	-1.3192	-1.045	-0.565	-0.6018
PKH_145630	-0.2027	-0.3447	0.22922	0.14485	0.59386	0.59151	1.15643
PKH_113720	-0.4954	-0.4877	-0.036	0.21545	0.4633	0.52619	0.36322
PKH_073320	0.35339	0.09193	0.09152	0.00059	0.16705	0.14436	0.0371
PKH_111290	0.42137	0.43164	0.44511	-0.0099	0.34206	0.41559	0.69294
PKH_113390	-0.1101	0.28242	0.47712	0.49262	0.44167	0.34486	0.06715
PKH_142410	0.10579	-0.1117	-0.0778	-0.182	-0.1052	0.06094	0.30594
PKH_094400	-0.3247	-0.1506	0.01602	0.14339	0.27314	0.61217	0.324
PKH_051850	-0.4443	-0.4539	-0.4209	-0.1837	-0.5535	-0.4025	-1.8559
PKH_145230	0.4657	0.03225	-0.1725	-0.2768	-0.3552	-0.0294	0.58242
PKH_140070	0.42523	-0.0268	-0.3943	-0.2616	0.47248	0.9526	1.26444
PKH_070260	-0.9546	-1.2687	-0.7603	-0.1066	0.26572	0.64378	0.51422

PKH_121730	0.66281	0.63377	0.39869	0.3737	0.05117	-0.1983	-0.0558
PKH_132290	0.24099	0.3851	0.33067	0.69583	0.60421	0.56512	0.55725
PKH_145080	0.087	-0.1197	0.22649	0.04019	0.18951	0.10777	0.0814
PKH_102960	0.10081	-0.0153	-0.0321	-0.1922	0.04538	0.14801	0.22326
PKH_145170	-0.3668	-0.3097	-0.2806	-0.2575	-0.3552	-0.3295	-0.4179
PKH_141880	0.24521	0.21537	0.52087	0.80834	0.5576	0.76281	0.58191
PKH_126820	0.24634	0.66792	0.37254	0.53943	0.44525	0.49667	0.13023
PKH_131050	0.36121	0.60306	0.86756	0.79317	0.31343	0.13973	0.16635
PKH_125990	-0.4383	-0.6315	-0.563	-0.7913	-0.6038	-0.4576	0.01036
PKH_081270	0.13198	0.01401	0.02679	0.05294	0.88216	1.23318	0.79073
PKH_131690	0.39539	0.068	0.34043	0.31608	0.15575	0.33918	0.52084
PKH_140340	0.20586	0.07069	0.11091	0.06289	-0.1132	0.00163	0.23563
PKH_112140	-0.3525	-0.5831	-0.6863	-0.8706	-0.7256	-0.8413	-0.7023
PKH_061510	0.36404	0.51163	0.51958	0.48003	0.51225	0.33277	0.1878
PKH_133920	0.70842	0.39359	0.24636	0.17805	0.03928	0.40962	0.83676
PKH_126930	-0.1436	-0.1704	-0.1646	-0.1837	-0.2271	-0.2771	-0.1418
PKH_125640	0.62221	0.60437	0.58236	0.40063	0.72772	0.87388	1.24058
PKH_114350	-0.4726	-0.5073	-0.2882	-0.2635	-0.6269	-0.5082	-0.9297
PKH_072220	0.3495	0.39584	0.37357	0.29169	0.31597	0.18217	0.24392
PKH_083570	0.52308	0.63336	0.49275	0.37497	0.07464	0.05058	0.24801
PKH_050070	0.48674	0.46552	0.61605	0.40646	0.42932	0.78406	0.8837
PKH_030860	0.64521	0.56675	0.50996	0.08938	0.59379	0.58788	0.82947
PKH_112380	0.54368	0.4959	0.44691	0.41942	0.42579	0.48854	0.4056
PKH_101490	-0.3463	0.25845	0.53188	0.70032	0.36634	0.0851	-0.4343
PKH_146910	0.61577	0.70582	0.45564	0.40652	0.21313	0.22523	0.67573
PKH_102280	-0.8448	-0.5259	-0.3438	-0.3785	-0.3917	-0.443	-1.1692
PKH_073010	0.17484	0.3722	0.4585	0.86033	0.60631	0.42721	0.27162
PKH_140890	0.54273	1.11781	0.981	0.99899	0.52289	0.41226	0.58606
PKH_145830	0.40041	0.31919	0.43073	0.33824	0.22435	0.10374	-0.2877
PKH_080620	0.10418	0.24312	0.19533	0.22901	0.12074	0.32195	0.17073
PKH_061020	-1.2845	-1.2891	-0.9079	-0.4397	-0.0903	0.00457	-0.1915
PKH_143890	-0.1249	-0.2259	-0.1714	-0.2861	-0.0402	-0.0211	0.0033
PKH_123990	-0.1217	-0.3062	-0.4169	-0.2513	0.0053	-0.2515	-0.0706
PKH_052210	-1.0817	-0.7459	-1.09	-0.8103	-0.8729	-0.9728	-2.6412
PKH_133100	0.20022	0.25623	0.46419	0.7721	0.50929	0.48283	0.48055
PKH_121620	0.0004	0.04146	0.13197	0.15747	0.09384	0.13033	0.01391
PKH_134150	-0.0195	-0.0353	0.04309	0.03967	-0.0814	-0.0015	-0.0571
PKH_141580	0.08704	0.29134	0.42013	0.91991	0.88728	1.13184	1.17736
PKH_126480	0.10815	0.06834	0.21233	0.62749	0.59219	0.28999	0.42234
PKH_124910	0.49128	0.67967	0.6988	1.10082	0.72314	0.58588	0.40542
PKH_092710	-0.0557	-0.2371	-0.2914	-0.0136	0.6578	0.69358	0.83404
PKH_080170	0.07607	-0.4483	-0.7816	-0.1666	0.51698	1.65793	1.56748
PKH_101840	-0.3365	-0.1672	-0.3254	-0.1944	-0.0564	-0.1681	-0.0358
PKH_143250	0.72196	1.15985	1.23886	0.59495	0.29254	0.53366	0.32576
PKH_144590	0.15468	-0.3162	-0.7493	-0.9684	-1.0851	-0.7355	-0.3804
PKH_146770	0.16072	0.20252	-0.0545	-0.2891	-0.1282	-0.1439	0.0849
PKH_124050	0.10909	0.38863	0.50908	0.71602	0.46738	0.25113	0.05239
PKH_126570	-0.0463	-0.0314	0.08687	-0.0443	0.03025	-0.0861	-0.4475
PKH_133610	0.65199	0.45675	0.41837	0.06774	0.01253	0.24927	0.70957
PKH_125460	-0.5228	-0.5569	-0.5317	-0.425	-0.3625	-0.2845	-0.3794
PKH_125380	0.21853	0.5088	0.59061	0.60743	0.56248	0.28734	-0.0149
PKH_120890	-0.5744	-0.1876	0.11783	0.02334	-0.2511	-0.1885	-0.2681
PKH_133900	-0.0526	-0.3194	0.10899	-0.0469	0.05136	-0.0074	-1.3736
PKH_041430	0.39011	0.50139	0.76443	0.39889	0.21372	0.16248	0.28347
PKH_021270	-0.121	0.12262	0.04005	0.14446	-0.0788	-0.1428	-0.1761
PKH_132040	0.07905	-0.0242	0.17168	0.20466	0.46392	0.52546	0.33897
PKH_122080	0.30794	0.27827	0.43061	0.39094	0.24154	0.24079	0.47773
PKH_041400	-0.6924	-0.4081	-0.4961	-0.2891	-0.2783	-0.6889	-1.0734
PKH_041700	-1.0121	-0.7756	-0.5768	-0.149	-0.2051	-0.3582	-0.9739
PKH_073150	0.04977	0.30045	0.16731	0.22175	0.13485	-0.0333	-0.2222
PKH_060630	-0.5009	-0.337	-0.2495	-0.1283	-0.3724	-0.7087	-0.5755
PKH_092310	-1.1827	-1.2746	-1.3538	-1.5328	-1.5478	-1.5101	-1.4919
PKH_100600	0.35888	0.37152	0.37748	0.62977	0.48045	0.07583	-0.127

PKH_041750	-0.5465	-0.5478	-0.5554	-0.5919	-0.5884	-0.3477	-0.4635
PKH_071910	0.88612	0.88894	0.75913	0.52701	0.57218	0.38551	0.60806
PKH_072440	-0.8956	-0.877	-1.035	-0.8141	-0.7587	-0.8599	-1.1055
PKH_081090	0.54991	0.69573	0.81591	0.92142	0.88709	0.88746	0.72184
PKH_110250	-0.5388	-0.4592	-0.3381	0.53924	0.13443	0.16319	-0.098
PKH_146330	0.73872	0.79606	0.60756	0.5486	0.60942	0.57484	0.93777
PKH_041060	0.17413	0.24092	0.06108	0.02236	-0.0634	-0.0369	-0.1159
PKH_121810	0.31735	0.11191	0.16538	0.04797	-0.0229	-0.0373	-0.1873
PKH_082620	0.56113	0.94009	1.21001	1.38712	1.14375	0.81918	0.34427
PKH_124850	0.30292	0.37334	0.46779	0.13444	0.12643	0.10422	0.00922
PKH_142950	-0.1236	0.09043	0.29989	0.28365	0.42314	0.40015	0.33384
PKH_141590	0.77678	0.65702	0.7985	0.53081	0.83107	0.40682	0.14813
PKH_051290	-0.0337	-0.3422	-0.9005	-1.2262	-1.2318	-1.2513	-1.0107
PKH_092650	0.04257	0.10339	0.17275	0.27458	0.29985	0.18026	-0.0166
PKH_125070	0.59773	0.40911	0.07766	-0.0259	-0.4059	-0.1474	0.56126
PKH_143810	0.45596	0.50799	0.44868	0.35789	0.21045	-0.0619	0.18082
PKH_125550	0.14476	0.1867	0.15548	0.0077	-0.3228	-0.4703	0.06847
PKH_145750	-0.2428	-0.0576	0.03871	0.05999	0.05413	-0.1514	-0.1143
PKH_100500	-1.1755	-0.8615	-0.2175	0.15419	0.09395	0.13445	-0.274
PKH_140630	-0.0166	-0.2633	-0.1359	-0.3555	-0.058	-0.2104	0.04713
PKH_140430	0.53054	1.13898	1.01764	0.65639	0.59116	0.43713	0.62913
PKH_091000	-0.0442	-0.127	0.02074	-0.1725	0.06043	-0.1287	0.00584
PKH_031610	-0.5695	-0.4108	-0.5116	-0.7375	-0.8374	-0.9031	-1.0668
PKH_101720	0.39565	0.27369	0.22643	0.21871	0.3693	0.41365	0.70856
PKH_146940	0.57524	0.69754	0.71702	0.88388	1.01364	0.81293	0.73196
PKH_090660	0.62954	0.42748	0.71564	0.26895	0.54559	0.26276	0.63241
PKH_030280	-0.496	0.08802	-0.467	-0.3497	-0.4785	-0.6824	-2.2275
PKH_083520	-0.6253	-0.7355	-0.3774	-0.695	-0.6768	-0.7379	-0.6432
PKH_081050	-0.7957	-0.58	-0.3972	0.09599	-0.1972	-0.3597	-1.0689
PKH_122930	-0.1648	-0.1704	-0.0628	-0.1592	-0.4054	-0.3031	-1.5737
PKH_041420	-1.6072	-1.5744	-1.3205	-1.4426	-1.23	-1.0472	-1.1467
PKH_133360	0.06332	0.53427	0.89021	1.20402	0.93467	0.93134	0.86904
PKH_141330	0.15579	0.32911	0.52769	0.58745	0.76159	0.59194	0.37183
PKH_100750	0.04	0.02053	0.11256	-0.114	-0.2803	-0.1424	-0.0553
PKH_090320	0.56238	0.6189	0.49713	0.33629	-0.1062	-0.2907	-0.4277
PKH_126010	0.11252	0.09916	0.02305	-0.1214	0.05933	0.31573	0.51531
PKH_093250	-0.3414	-0.2161	-0.5492	-0.3369	-0.2368	-0.4059	-0.8184
PKH_143870	-0.0403	0.00153	-0.0104	0.19685	0.03731	-0.1636	-0.1499
PKH_060520	-0.4229	-0.6451	-0.4472	-0.0768	-0.1248	0.11869	-0.4369
PKH_131410	-0.0526	-0.4085	-0.4325	-0.6386	-0.1822	0.12434	0.42942
PKH_040090	0.49155	0.85186	1.07778	1.04409	0.65948	0.57683	0.70301
PKH_141550	-0.745	-0.6762	-0.551	0.19853	-0.0527	0.01067	0.31554
PKH_100840	0.87593	0.54168	0.1971	-0.1217	0.01494	0.18877	0.16754
PKH_133910	0.2353	-0.1271	-0.2553	-0.4576	-0.6213	-0.4526	-0.0474
PKH_112510	0.71743	0.79613	0.79195	0.60688	0.47479	0.3177	0.13791
PKH_133550	-0.0788	0.00691	0.20445	0.12984	0.31803	0.14292	0.20674
PKH_125680	-0.4901	-0.5817	-0.6713	-0.6479	-0.5696	-0.423	0.06144
PKH_142400	0.52204	0.39465	0.37294	0.08982	0.19131	0.2861	0.97205
PKH_125660	0.99171	0.9181	0.73578	0.67434	0.70486	0.80213	0.92833
PKH_030960	0.16209	0.0261	-0.2881	-0.273	-0.3553	-0.4255	-0.0807
PKH_093630	-0.4589	-0.3618	-0.2828	-0.2053	-0.2805	-0.3614	-0.5231
PKH_073140	0.05129	0.60944	0.77168	0.85115	0.44092	0.17593	-0.3342
PKH_143510	0.38529	0.08913	0.06995	0.18601	0.343	0.87162	1.41516
PKH_070010	-0.5712	-0.4933	-0.5397	-0.2237	0.11803	-0.0571	-0.6638
PKH_031640	-0.3092	-0.2246	-0.16	-0.3488	0.0771	-0.0223	-0.2094
PKH_091670	0.02904	0.04084	-0.3194	-0.3244	-0.443	-0.5519	-1.3668
PKH_113320	0.08091	-0.038	0.04933	0.05598	-0.1395	-0.2621	0.00064
PKH_083810	0.11136	-0.1415	-0.3132	-0.559	-0.3993	0.44678	1.14234
PKH_146280	0.52111	0.20069	0.16806	0.08648	0.47559	0.12935	-1.0553
PKH_142530	-0.1383	0.44121	0.86435	1.063	0.98565	0.6759	0.2917
PKH_144240	0.64572	0.62422	0.53586	0.34443	0.5027	0.27782	0.19784
PKH_140660	0.09172	0.11412	-0.008	0.00865	0.13183	0.23586	0.5713
PKH_040060	0.98882	0.82354	0.39238	-0.0768	-0.0997	0.64002	1.4356

PKH_070600	-0.2412	-0.3096	-0.5744	-1.1024	-0.955	-1.0447	-0.9134
PKH_124180	-0.2751	0.09235	0.12433	0.24599	0.01066	-0.1975	-0.5489
PKH_083280	0.70922	0.68787	0.40009	0.27546	0.04441	-0.1128	-0.3655
PKH_072360	-0.0007	-0.1435	-0.089	-0.2676	-0.2396	-0.2319	0.04356
PKH_126140	-0.4776	-0.0786	0.16595	0.33011	-0.1439	-0.4916	-0.4192
PKH_101700	-0.6931	-1.0625	-0.7921	-0.7454	-0.3142	0.21961	-0.0731
PKH_101440	0.60387	0.66089	0.93038	0.84235	0.91356	0.65687	0.56822
PKH_082100	0.13291	0.38658	0.17475	0.1116	-0.1343	-0.4291	-0.7101
PKH_100310	0.50274	0.68761	0.76541	0.34038	0.11535	-0.4253	-0.693
PKH_123830	0.61259	0.55909	0.46291	0.25054	0.23443	0.2344	0.58789
PKH_132990	0.65451	0.40432	0.27274	0.13934	0.43201	0.4209	0.7904
PKH_146210	0.27438	0.27153	-0.0821	0.13234	-0.0506	0.07355	-0.0307
PKH_080470	-0.0848	0.0605	-0.2073	-0.2556	-0.0006	-0.0207	-0.0725
PKH_100720	-0.024	0.22476	-0.0985	-0.2085	-0.2655	-0.0795	0.06726
PKH_060550	-0.1379	-0.3113	-0.3693	-0.2751	-0.1973	-0.0856	-0.1816
PKH_112330	0.34078	0.06174	0.26331	0.10663	0.02853	0.3699	0.34741
PKH_120590	0.17984	0.15998	0.28221	0.44972	0.68822	0.74215	0.81005
PKH_141470	0.90538	0.65902	0.6349	0.73951	0.73957	0.67127	1.08711
PKH_020470	-0.2965	-0.439	-0.5095	-0.5683	-0.5102	-0.549	-0.5476
PKH_124890	-0.3263	-0.1254	-0.0743	0.62543	0.1512	0.20267	0.01924
PKH_060640	0.60061	0.30271	0.24479	0.23332	-0.0587	-0.1756	-0.59
PKH_145810	0.12899	0.15068	-0.1287	0.20942	-0.1833	-0.3217	-1.6574
PKH_125780	-0.105	-0.0491	-0.0087	-0.0978	-0.0113	-0.0492	0.08356
PKH_081760	0.36244	0.04584	0.15852	0.06913	0.16606	0.14976	-0.1216
PKH_021200	-0.3516	-0.3844	-0.2487	-0.3588	-0.4597	-0.2912	-0.0952
PKH_134320	0.10554	0.27886	0.23738	0.20199	0.43138	0.47443	0.35451
PKH_101000	0.56583	0.69502	0.73189	0.80194	0.29003	0.41559	-0.091
PKH_051650	-0.5176	-0.4367	-0.8907	-0.9361	-1.0386	-0.984	-1.4874
PKH_133280	0.19178	0.29834	0.34916	0.36592	0.30141	0.24227	0.31497
PKH_111490	0.15677	0.24144	0.11256	0.15558	0.33293	0.18503	-0.2677
PKH_072800	-0.0675	0.05576	0.85853	1.05857	0.99253	0.66359	0.86988
PKH_143010	0.23485	0.26119	0.28753	0.11121	0.22947	0.20753	0.48459
PKH_090690	0.46449	0.32108	0.27022	-0.1333	0.07473	0.32302	0.6546
PKH_052140	0.02835	-0.0888	0.04907	0.05164	0.09456	-0.2526	-0.9342
PKH_112310	0.66877	0.64855	0.66202	0.51634	0.47887	0.21682	0.11735
PKH_102970	-0.9772	-0.7979	-0.8254	-0.6116	-0.5723	-0.4675	-0.4867
PKH_093480	0.01062	-0.3271	-0.6038	-0.6302	-0.0962	0.57394	0.71022
PKH_091680	0.14932	0.12828	0.03186	0.47556	0.17562	-0.0111	-0.0443
PKH_072040	-0.1222	-0.1458	-0.1333	-0.1431	-0.3047	-0.1633	-1.3266
PKH_110490	-0.1527	-0.28	-0.1254	0.0362	-0.0558	0.14374	0.24891
PKH_134420	-0.0174	0.05245	-0.1008	-0.154	-0.2167	-0.141	-0.1239
PKH_083140	-0.3799	-0.5683	-0.7096	-0.6456	-0.1263	0.13668	0.05845
PKH_071110	0.56814	0.53866	0.6732	0.46025	0.34875	0.26369	0.13671
PKH_010440	-0.2684	-0.1212	-0.257	-0.1325	-0.3982	-0.5555	-1.1373
PKH_083730	0.04201	0.03212	0.19965	0.4354	0.23298	0.2225	0.0457
PKH_061700	0.51684	0.71196	0.59334	0.6163	0.23726	0.2574	0.10758
PKH_142910	0.12884	0.54375	0.34307	0.25692	0.253	0.09868	-0.0517
PKH_010610	-1.769	-1.6619	-1.7305	-1.6477	-1.7877	-1.9226	-3.9873
PKH_093540	0.1776	0.08341	-0.1607	0.00628	0.15396	0.04414	-0.0999
PKH_010410	-0.9662	-1.3097	-0.9433	-1.0445	-1.3891	-1.403	-2.356
PKH_031470	-0.1504	0.13672	-0.2401	-0.1803	-0.2451	-0.3697	-1.0976
PKH_142330	1.18248	1.427	1.41722	1.04777	0.70254	0.16201	-0.2666
PKH_091920	0.36718	0.55581	0.5898	0.92388	0.5942	0.35161	0.62261
PKH_111770	-0.0713	-0.1343	-0.2339	-0.3212	-0.1865	-0.3298	-0.2371
PKH_031370	-0.3664	-0.3174	-0.3701	0.06957	-0.2415	-0.2687	-0.6398
PKH_125850	0.71948	0.81684	0.41438	0.22689	0.02666	-0.0862	-0.1935
PKH_124360	0.25076	0.14597	0.11632	-0.0165	0.0832	0.11968	0.22481
PKH_011080	-0.2004	0.22351	-0.1226	0.1505	0.18147	-0.0667	-0.7694
PKH_031530	-0.8263	-0.8384	-0.9103	-0.8664	-0.9433	-0.9305	-1.5805
PKH_020650	-0.1396	-0.4612	-0.7648	-2.7205	-1.0062	-0.8421	-0.7194
PKH_121820	-2.1083	-2.2532	-2.0927	-1.5939	-0.7536	-0.1262	-0.1484
PKH_141110	-0.7925	-0.7758	-0.6193	-1.1742	-0.7503	-0.582	-0.5647
PKH_070570	-0.3609	-0.067	0.10518	0.34455	0.15836	0.0372	0.03545

PKH_133540	0.24225	-0.025	0.06539	-0.0772	0.16996	0.07899	0.17143
PKH_093730	-0.616	-0.5956	-0.4185	-0.4925	-0.4915	-0.4994	-0.5477
PKH_060950	0.38922	0.53219	0.53857	0.67695	0.19758	-0.1478	-0.2942
PKH_090540	0.39161	0.18653	0.03691	0.26902	0.47743	0.97944	1.18237
PKH_040130	0.23076	0.44723	0.65204	1.01535	0.58241	0.38447	0.53582
PKH_112590	0.33502	0.03663	0.16504	0.40455	0.04718	-0.2315	-1.3882
PKH_111850	-0.4583	-0.7431	-0.8374	-0.4125	-0.2625	-0.2573	-0.4216
PKH_100520	-1.396	-1.2685	-1.3157	-0.9828	-1.0807	-1.1186	-1.1904
PKH_091110	-0.7327	-0.5667	-0.5006	-0.4079	-0.4497	-0.5209	-0.6683
PKH_102730	-0.3689	-0.3172	-0.0088	-0.2992	-0.003	-0.0342	0.03608
PKH_114000	-0.0231	0.01658	-0.0711	0.00122	-0.1217	0.04687	-0.449
PKH_080250	-0.0146	-0.1235	-0.1182	-0.1929	-0.3403	-0.3412	-1.5317
PKH_143090	-0.2232	-0.1976	0.26576	0.0429	0.21706	0.07476	0.23166
PKH_110720	-0.3715	-0.2932	-0.3837	-0.4342	-0.2089	-0.1406	-0.316
PKH_040110	0.84397	0.92786	0.96441	0.70659	0.71939	0.54771	0.48553
PKH_020230	-0.1734	-0.2189	-0.2524	-0.0695	-0.1978	-0.1623	-1.5252
PKH_100080	0.49355	0.4475	0.617	0.63104	0.51492	0.49743	0.18645
PKH_011690	-0.0584	-0.3133	-0.2905	-0.4019	-0.7235	-0.4133	0.12317
PKH_071030	0.1906	-0.0105	-0.1664	-0.0062	-0.3093	-0.1351	0.18358
PKH_060960	-0.6345	-0.7769	-0.6441	-0.337	-0.1711	-0.0917	0.21771
PKH_040440	1.21291	1.22767	1.17491	1.40007	1.21291	0.66611	0.71566
PKH_141400	-0.126	0.32421	0.07203	0.28062	-0.0682	-0.1281	-1.1287
PKH_145670	-0.8214	-1.119	-0.7336	0.04479	0.79254	1.23358	1.1092
PKH_120980	0.11492	0.20431	0.34065	0.4309	0.53408	0.22093	-0.8666
PKH_120790	0.0488	-0.7318	-1.2282	-1.5657	-0.9167	0.16042	0.80989
PKH_111870	-0.0261	-0.1089	0.0223	0.11863	0.1383	-0.1268	-0.238
PKH_101650	0.82069	0.68705	0.66249	0.54168	0.22739	0.12798	0.42344
PKH_144070	-0.5468	-0.8955	-0.3124	0.12842	0.08006	-0.0059	0.28753
PKH_120550	0.36715	0.53563	0.78991	0.88157	0.96471	0.80853	0.41702
PKH_040430	-0.3713	-0.573	-0.6099	-0.6319	-0.8466	-0.8171	-0.3717
PKH_126120	0.19165	0.04201	-0.0059	-0.2635	-0.106	-0.1757	0.22526
PKH_103040	-0.3648	-1.4873	-0.4053	-0.2869	-0.4076	-0.4897	-0.489
PKH_010300	-1.0187	-1.1585	-0.6996	-0.3151	-0.0343	0.12161	-0.4221
PKH_141990	-0.4841	-0.1889	-0.1593	0.16767	-0.2135	-0.2098	-0.1287
PKH_051800	-0.3111	-0.2139	-0.4416	-0.0069	-0.3507	-0.6672	-1.3127
PKH_101160	0.47655	0.7706	0.6175	0.56073	0.25761	0.0094	0.04461
PKH_091980	0.47747	0.51681	0.29946	0.27426	0.24209	0.04533	-0.1237
PKH_113480	-0.446	-0.4939	-0.6428	-0.7116	-0.6407	-0.5563	-0.4047
PKH_050810	-0.6491	-1.3715	-1.9374	-1.9096	-0.2779	0.85487	1.04012
PKH_040450	-0.5536	-0.7883	-0.7071	-1.1704	-0.7546	-0.7317	-1.0875
PKH_143240	-0.2429	-0.0885	-0.13	-0.0268	-0.3187	-0.288	-1.6163
PKH_090910	0.66663	0.8909	1.02476	0.8777	0.78026	0.53411	0.34866
PKH_060410	-0.4443	-0.5486	-0.6903	-0.6161	-0.4059	-0.5173	-0.6183
PKH_126270	0.07226	0.12338	0.26891	0.32267	0.22114	0.14712	-1.264
PKH_146540	0.48032	0.54838	0.37601	0.34149	0.55459	0.4135	0.56934
PKH_101210	-0.0615	0.05657	0	0.1737	-0.4107	-0.4701	-0.2064
PKH_041020	-0.4894	-0.5222	-0.5221	-0.8076	-0.7355	-0.6194	-0.4805
PKH_031850	-0.2722	-0.031	-0.1264	-0.2313	-0.3358	-0.8248	-1.0865
PKH_120370	0.05944	0.14668	0.33965	0.08608	-0.0906	-0.1424	0.09774
PKH_082750	-0.6126	-0.186	0.38799	1.12698	0.53433	0.23696	0.20199
PKH_121970	0.09728	0.06731	0.07257	0.1466	0.17729	0.08805	0.06026
PKH_070280	-1.0394	-0.7901	-0.6449	-0.8325	-0.604	-0.721	-1.0031
PKH_130660	-1.4199	-1.3814	-1.424	-1.104	-0.812	-0.5037	-0.0978
PKH_030540	-1.5534	-1.4259	-1.4665	-1.4847	-1.5501	-1.5803	-2.5831
PKH_124340	-0.4536	-0.6331	-0.6415	-0.5161	-0.4583	-0.4177	-1.6468
PKH_124640	-0.2237	0.23656	0.71244	0.87228	0.38855	0.3324	0.08097
PKH_111180	-0.4683	-0.7719	-0.7072	-1.2014	-1.049	-0.7438	-0.6065
PKH_131180	0.30952	0.2194	0.20172	0.58642	0.74932	1.0709	1.12751
PKH_061370	0.11246	0.10295	0.31115	0.38115	0.40281	0.67846	0.48136
PKH_070510	0.30824	0.67575	0.64195	0.65817	0.33355	0.28848	0.10909
PKH_133270	-0.5003	-0.416	0.23124	0.74344	0.88473	0.6985	0.35818
PKH_114330	-0.2402	-0.3022	-0.3364	-0.6616	-0.7953	-0.6082	-0.1848
PKH_141600	0.18727	0.35599	0.30411	0.54051	0.29582	0.21356	0.41103

PKH_073250	-0.5056	-0.2728	-0.5306	-0.5215	-0.5041	-0.3506	-0.6759
PKH_091890	-0.2934	-0.2138	-0.2618	-0.018	-0.3822	-0.5332	-0.294
PKH_145490	-0.0177	0.22823	0.39151	0.75312	0.26599	0.25733	0.44909
PKH_126000	0.05477	0.12899	0.09227	0.13595	0.13346	0.28594	-1.003
PKH_021590	1.07054	0.53663	0.16084	-0.3179	-0.6371	-0.0232	1.15227
PKH_111790	-0.4443	-0.5981	-0.5986	-0.1391	0.1594	0.27786	-0.0625
PKH_072200	0.00979	-0.0592	-0.0887	0.24726	0.41163	0.46357	0.15638
PKH_131720	0.08268	-0.6108	-1.1559	-1.4735	-1.123	-0.2447	0.46124
PKH_102860	-0.3946	-0.375	-0.6506	-0.6004	-0.7441	-0.9382	-0.8662
PKH_122580	0.195	0.27326	0.45738	0.36879	0.54471	0.32258	0.35699
PKH_122960	-0.7286	-1.0048	-1.1987	-0.2357	-0.1751	0.49157	0.72864
PKH_120970	-0.0119	0.00916	-0.1234	-0.2161	-0.1814	-0.0478	-0.5775
PKH_070490	-0.3622	-0.5898	-0.7283	-0.9606	-1.1231	-1.0637	-1.1919
PKH_141300	0.07301	0.02899	0.02726	0.00506	-0.2038	-0.3464	-0.2015
PKH_140980	0.95207	1.14023	1.10592	0.78466	0.68569	0.56274	0.75564
PKH_071370	0.07842	0.31881	0.05932	0.23691	0.01126	-0.0988	-0.2213
PKH_083460	-0.4262	-0.6421	-0.4574	-0.8851	-0.6809	-1.0948	-0.1251
PKH_071470	-0.3337	-0.2621	-0.1164	-0.2134	0.10307	0.23431	0.05076
PKH_071250	-0.0411	0.16866	0.41916	0.37482	-0.091	-0.3052	-0.3188
PKH_103240	0.47122	0.35071	0.22986	-0.2138	-0.1435	-0.2269	-0.1585
PKH_080910	0.05678	-0.1246	-0.0606	0.12373	0.49953	0.43926	-0.5148
PKH_081720	0.18775	0.11109	0.15938	0.11171	0.22878	0.12461	0.20425
PKH_145530	1.16164	1.44272	1.47255	1.52167	1.2516	0.82315	0.81291
PKH_126850	-0.1076	-0.0343	0.10603	0.02189	-0.0982	0.04777	-0.2488
PKH_113570	-0.6472	-0.7757	-0.2695	-0.3582	-0.0251	0.5126	0.59192
PKH_133420	0.15724	0.37602	0.53458	0.33715	0.1921	-0.0266	-0.3239
PKH_010200	0.03396	0.00178	-0.2775	-0.5487	-0.7175	-0.864	-0.8767
PKH_100130	0.04194	0.04569	0.16991	-0.1379	-0.3027	-0.3794	-0.1666
PKH_144720	0.34178	0.3156	0.48275	0.08831	0.42889	0.35061	0.53947
PKH_091800	0.04569	-0.0065	0.31841	0.26402	0.30351	0.22037	-0.0331
PKH_083130	0.13004	0.32599	0.64142	0.82559	0.43028	0.38401	0.0939
PKH_040420	-1.6011	-1.2445	-1.7026	-1.7259	-1.6348	-1.5676	-3.4939
PKH_133460	-0.0719	-0.2607	-0.2122	-0.1459	-0.0913	-0.0744	0.00474
PKH_091690	-0.4621	-0.5188	-0.6111	-0.7119	-0.5705	-0.3332	-0.6643
PKH_145060	-0.059	-0.0841	-0.3753	-0.4294	-0.5295	-0.4131	0.02237
PKH_131790	0.51151	-0.0381	-0.6076	-1.3367	-1.2561	-1.3299	-1.0213
PKH_130220	-0.1922	-0.3497	-0.2971	-0.2968	-0.3768	-0.4454	-0.0972
PKH_113510	-0.2155	-1.0167	-1.351	-1.2086	0.49058	1.05505	1.18163
PKH_121960	-0.6808	-0.3644	-0.1829	0.22083	0.18103	0.01944	-0.0102
PKH_092020	-0.4208	-0.3218	-0.3781	0.07231	-0.0308	0.05728	-0.327
PKH_041120	-0.0051	-0.0503	-0.2857	0.09341	-0.3633	-0.1872	-0.0182
PKH_112660	-0.2447	-0.1712	-0.0826	0.15189	0.15046	0.38785	0.20204
PKH_132910	0.49232	0.42266	0.39965	0.45123	0.21857	0.36107	0.55651
PKH_094140	0.15714	0.59635	0.68339	0.7828	0.56119	0.61267	0.25409
PKH_122100	0.38575	0.33034	0.33813	0.18678	-0.1362	-0.1193	0.15817
PKH_050620	0.13431	0.00173	-0.0485	-0.4621	0.15797	-0.0946	-0.2918
PKH_100830	0.14899	0.08998	-0.1199	0.10212	-0.197	-0.2165	0.11467
PKH_125590	0.25372	0.29713	0.25703	0.1469	0.19416	0.15414	-0.0298
PKH_083780	0.06292	0.09834	0.3557	0.20908	-0.0668	-0.1698	-0.2332
PKH_120150	0.27612	0.40361	0.8702	0.95239	0.68311	0.78923	0.13374
PKH_122240	0.28101	0.34448	0.35997	0.39226	-0.027	-0.0803	-0.0046
PKH_132870	-1.0071	-1.0675	-1.4937	-1.5205	-1.2413	-0.7719	-0.4341
PKH_143310	0.23632	0.23933	0.28965	0.21587	-0.0412	-0.0717	-0.3509
PKH_130080	0.51214	0.59654	0.70785	0.6644	0.94042	0.59563	0.49868
PKH_141440	0.27498	0.23673	0.40615	0.22477	0.28609	0.36951	0.58606
PKH_123420	0.25274	-0.0745	-0.1816	-0.748	-0.7247	-0.5807	0.02871
PKH_083560	0.1309	0.10362	0.15602	0.10295	0.23159	0.14344	0.11664
PKH_140830	0.65	0.50478	0.92579	0.81675	0.80813	0.75857	1.03697
PKH_052350	0.78569	1.20296	1.15896	1.27039	0.87147	0.6294	0.63313
PKH_112800	-0.4173	-0.5313	-0.6178	-0.5916	-0.4757	-0.2968	-0.5359
PKH_121950	1.08633	1.31256	1.50277	1.45409	1.1343	0.79154	0.72643
PKH_125890	0.56665	0.46553	0.6096	0.44467	0.45336	0.42449	0.44025
PKH_062080	0.51438	1.01791	1.02176	1.32507	0.72682	0.31307	-0.2789

PKH_101970	0.21766	0.19186	0.33985	0.0026	-0.1712	-0.1605	-0.4311
PKH_121520	-0.4331	-0.2419	-0.2604	-0.144	-0.1279	-0.4328	-0.9425
PKH_146470	0.89778	0.50788	0.35352	0.13024	-0.1108	0.00842	0.69186
PKH_011230	-1.4944	-1.3586	-0.8023	-1.7634	-0.6916	-1.0163	-1.6953
PKH_124080	0.02248	0.05816	0.27223	0.0997	0.1489	-0.1181	-1.3426
PKH_020840	-1.0844	-1.0313	-1.4333	-1.5212	-1.2104	-1.081	-1.5662
PKH_092070	-0.5221	-0.4927	-0.5012	-0.3559	-0.4497	-0.3862	-1.8559
PKH_090500	0.79462	0.754	0.60385	0.46551	0.38165	0.4142	0.68132
PKH_125300	0.04974	0.1926	0.24834	0.37123	0.01852	0.1001	0.47477
PKH_141850	-0.4431	-0.7776	-0.9711	-1.3236	-1.1484	-0.9319	-0.2889
PKH_050700	-0.1317	-0.207	-0.4601	-0.2314	-0.4252	-0.4789	-1.9227
PKH_080640	-0.4803	-0.6263	-0.5903	-0.4691	-0.5223	-0.4575	-0.505
PKH_093270	0.42886	0.24397	0.42061	0.59106	0.49968	0.29643	0.12788
PKH_110310	-0.2713	-0.3634	-0.8612	-0.8038	-0.5381	-0.6299	-0.7219
PKH_020420	-0.3314	-0.1653	-0.3864	-0.2679	-0.7115	-0.9581	-2.6067
PKH_131520	0.74448	0.648	0.55731	0.56569	0.65417	0.58984	0.73602
PKH_114880	0.54159	-0.0016	-0.5395	-0.959	-0.1894	0.58622	1.25512
PKH_040360	-0.1153	-0.0586	0.05216	0.17194	0.17834	0.40593	-1.3415
PKH_100950	-0.9188	-0.5025	-0.3003	-0.0641	-0.2326	-0.5254	-1.0714
PKH_140280	0.55195	0.46943	0.63592	0.36037	0.14519	0.04271	0.07984
PKH_110290	0.06823	-0.1204	-0.2292	-0.6002	-0.3919	-0.1648	0.1549
PKH_010820	-0.5897	-0.4752	-0.2844	-0.8231	-0.3814	-0.4135	-0.5496
PKH_125180	0.50197	0.63835	0.58853	0.55229	0.39612	0.07556	0.03289
PKH_052700	-0.8359	-1.2254	-1.1496	-0.3356	0.38802	0.45053	0.92182
PKH_081650	-0.5511	-0.6766	-0.4016	-0.3688	-0.3387	-0.3026	-0.3743
PKH_030330	-0.0712	0.11099	-0.1483	-0.0257	-0.3156	-0.2206	-0.2256
PKH_061890	-0.2394	-0.1934	-0.1317	-0.0077	-0.2787	0.06002	-1.3698
PKH_102720	-0.25	-0.0593	0.25809	0.25964	0.31301	0.14684	-0.1658
PKH_061450	-0.446	-0.3284	-0.7226	-0.3688	-0.2688	-0.0751	-1.6073
PKH_052070	0.48632	0.88427	0.58553	0.96773	0.28572	0.26912	0.02918
PKH_030440	-0.8229	-0.8097	-0.9206	-1.0215	-0.8906	-0.8652	-1.3707
PKH_143750	-0.0724	-0.0314	0.12486	0.29781	0.26856	0.27813	0.34917
PKH_091880	-0.0422	-0.1587	0.07405	-0.1098	0.00295	-0.1822	-0.358
PKH_144510	-0.5295	0.0571	0.28983	0.1097	-0.0681	0.16564	0.13183
PKH_122430	-0.6133	-0.3729	-0.5039	0.14478	0.52392	0.61196	0.23526
PKH_143070	0.26353	0.21836	0.45815	0.0857	0.17756	0.26527	-0.1482
PKH_114630	0.1704	0.13986	-0.0217	0.10688	-0.0875	-0.2149	-0.3272
PKH_050140	0.11439	0.02886	0.07864	0.23585	0.20815	-0.085	-0.5385
PKH_082440	0.14233	0.43849	0.36042	0.57474	0.25935	0.21094	0.13339
PKH_133480	0.79221	1.075	0.8938	1.02835	0.58119	0.26905	0.24357
PKH_103050	0.98818	1.31127	1.29854	1.62	1.39328	0.92089	0.69215
PKH_146780	-0.5775	-0.2983	-0.2893	-0.5819	-0.3091	-0.2539	0.06398
PKH_120170	0.40782	0.38922	0.42301	0.24744	0.20093	0.14697	0.23844
PKH_091280	0.27258	0.63794	0.92091	1.0786	1.04843	0.70108	0.55242
PKH_020730	-0.8048	-0.2718	-0.0802	0.02836	-0.2057	-0.5271	-1.211
PKH_093610	0.82177	1.07028	1.03557	1.11847	0.79337	0.74538	0.79567
PKH_082730	0.45147	0.38023	0.14196	-0.1756	-0.1954	-0.4025	-0.0389
PKH_124680	0.03233	-0.0767	0.07495	0.16272	0.05379	0.09811	-1.1039
PKH_052150	-0.281	-0.2002	-0.2991	-0.5195	-0.8057	-0.809	-0.7668
PKH_071420	0.99685	1.07491	0.90659	1.18965	0.80266	0.96118	1.26388
PKH_093620	-0.3378	-0.0984	0.3328	0.70123	0.71214	0.72948	0.43798
PKH_090600	-0.0286	-0.0329	-0.0103	0.03848	-0.0742	-0.2468	-1.7302
PKH_120360	0.33615	0.23005	0.10125	0.07474	-0.1649	0.10237	0.36507
PKH_071080	-0.225	0.10943	0.02778	-0.0579	-0.1194	-0.1962	0.05635
PKH_142940	0.03834	0.27461	0.16224	0.10284	0.3315	0.25918	0.19252
PKH_082720	1.01263	1.16637	1.08927	1.05944	0.55822	0.2092	0.34861
PKH_060460	-0.1546	-0.2386	-0.2851	-0.301	-0.2129	-0.1043	-0.0567
PKH_111160	-0.5518	-0.1674	0.2929	0.29269	0.26908	0.13195	-0.3702
PKH_114090	-0.1659	-0.0451	-0.1121	0.12501	-0.1302	0.04706	-1.4631
PKH_101370	-0.4402	-0.5885	-0.6148	-0.4858	-0.5514	-0.6271	-0.2187
PKH_094170	0.16017	0.07779	0.13753	-0.0501	-0.0613	-0.1051	-0.367
PKH_052520	-0.4029	-0.2219	0.49092	1.10767	0.94771	0.77507	0.88281
PKH_041380	-0.3802	-0.5754	-0.5469	-0.7267	-0.5635	-0.4383	-0.3246

PKH_061950	0.2587	0.65335	0.94216	1.39775	0.92191	0.73111	0.67519
PKH_092120	-0.6998	-0.3858	-0.5218	-0.4176	-0.6847	-0.7442	-1.4283
PKH_072100	-0.9953	-1.0057	-1.087	-1.3037	-1.0423	-1.1372	-1.1569
PKH_123590	0.10421	0.07905	-0.2585	-0.3099	-0.752	-0.6291	-0.0108
PKH_071980	0.29562	0.55658	0.37654	0.50963	0.61743	0.48088	0.42325
PKH_092200	-0.5026	-0.2888	-0.435	-0.0936	-0.2692	-0.2934	-1.874
PKH_061920	-0.017	-0.0099	-0.131	-0.1737	0.19709	-0.0134	-0.1557
PKH_090780	0.027	0.02842	-0.1485	-0.2194	0.23569	0.08603	0.00739
PKH_071400	-0.2474	-0.6762	-1.2167	-1.5026	-0.9487	0.22514	0.88947
PKH_124830	-0.1059	0.32937	0.62225	0.88192	0.62079	0.5986	0.51275
PKH_093430	0.30582	0.1994	0.25385	0.31041	0.00238	-0.139	-0.0515
PKH_072840	-0.067	0.06206	-0.0058	-0.0311	0.02014	-0.1523	-0.3155
PKH_020200	0.16111	0.3468	0.47774	0.45292	0.3152	0.13723	-0.1272
PKH_092750	-0.1651	-0.1475	-0.3367	-0.0006	0.03904	-0.0755	-0.1528
PKH_131960	-0.5211	-0.1359	-0.0064	0.21499	-0.0851	0.00738	-0.1835
PKH_040260	-1.1848	-1.4046	-1.5685	-2.0758	-1.2268	-0.2494	-0.062
PKH_041580	1.40669	1.40677	1.43982	1.09702	0.96214	1.05278	1.38848
PKH_110470	0.35102	0.4059	-0.0221	0.09788	0.13895	-0.039	-1.1523
PKH_011520	-0.1003	-0.3362	-0.5174	-0.683	-0.5993	-0.373	-0.304
PKH_081200	0.12741	0.0967	-0.0357	-0.1442	-0.1474	-0.2013	-0.0016
PKH_052190	-0.642	-0.417	-0.4592	-0.4285	-0.5388	-0.5633	-0.6814
PKH_126980	0.15162	0.05555	0.20618	0.12476	0.06586	0.07791	-0.1497
PKH_142670	0.67978	0.70202	0.74376	0.62352	0.77436	0.53941	0.73494
PKH_094460	-0.6505	-0.5553	0.08526	0.40886	0.47984	0.54328	0.01103
PKH_031950	0.00506	0.10356	0.31096	0.2684	0.07532	0.22691	0.31362
PKH_081940	0.05663	0.34056	0.15688	0.49604	0.21523	0.21783	0.04891
PKH_083430	-0.7289	-0.9959	-0.6255	-0.4551	-0.3973	-0.2408	-0.2471
PKH_052320	-0.2721	-0.2115	-0.1534	-0.0585	-0.1772	0.15111	0.00364
PKH_123530	0.3672	0.41766	0.86528	0.69395	0.57436	0.60162	0.41548
PKH_070920	0.46193	0.5731	0.5059	0.46504	0.30612	0.05538	0.14146
PKH_100940	0.18758	0.28806	0.50337	0.2244	0.06304	-0.0803	0.21772
PKH_070020	0.92998	1.10993	1.23157	1.42256	0.98942	0.6823	0.78794
PKH_083300	0.81238	0.55085	0.53518	0.3229	0.21011	0.15104	0.61074
PKH_110750	-0.2537	-0.1982	0.17024	0.44181	0.09515	0.17557	-0.0052
PKH_090200	0.46172	0.45682	0.22404	0.23467	-0.0695	-0.2707	-0.3032
PKH_145050	1.00151	1.38237	1.12106	1.09097	0.65069	0.33835	0.17264
PKH_144060	0.27707	0.57877	0.14941	-0.3148	-0.2475	-0.2113	-0.334
PKH_125320	-0.3066	-0.1815	0.43379	1.02943	0.96474	0.90936	0.69745
PKH_101510	-0.0761	-0.1592	-0.2782	-0.1703	-0.1975	-0.0376	0.2728
PKH_101570	0.29107	0.18928	-0.0641	-0.0732	-0.1269	-0.06	-0.1093
PKH_143620	-0.0306	-0.2216	-0.1385	-0.1193	-0.1291	0.04375	0.19402
PKH_093420	0.47455	0.53624	0.34892	0.47769	0.25253	0.2914	0.20019
PKH_070690	0.15364	0.12068	0.43907	0.11623	0.32678	0.39102	0.46289
PKH_110610	0.10511	0.14026	0.23031	0.44126	0.07287	0.05148	-0.303
PKH_124120	0.27628	0.2993	0.37231	0.08216	0.08228	0.22052	0.51139
PKH_123060	0.26467	0.40331	0.54818	0.91249	1.04592	0.66327	0.50572
PKH_072110	-1.2683	-1.349	-1.6133	-1.8358	-1.5795	-1.2906	-1.382
PKH_021190	-0.1192	0.06867	0.12685	0.08326	0.0617	-0.0101	-0.2867
PKH_070940	0.16053	0.22859	0.28865	0.51273	0.62063	0.54421	0.60603
PKH_082560	0.12954	0.1598	-0.0923	-0.1988	-0.3708	-0.3878	-0.0306
PKH_070380	1.13886	0.91989	0.71721	0.10166	-0.2581	0.07801	0.75539
PKH_010690	0.2471	0.25777	0.38172	0.28616	-0.1044	-0.1798	-0.4041
PKH_124760	0.18502	0.37133	0.61504	0.53217	0.47006	0.42128	0.34483
PKH_070700	-0.5868	-0.4544	-0.4526	-0.5069	-0.5371	-0.3716	-0.3949
PKH_092040	-0.4071	-0.3702	-0.3422	-0.2399	-0.3435	-0.3797	-0.6597
PKH_094080	-0.6816	-0.7479	-0.9709	-0.94	-0.8638	-0.8762	-0.8165
PKH_143170	0.00248	-0.0128	-0.0091	0.3448	0.06294	0.18042	-0.1954
PKH_061220	-0.738	-0.7352	-0.7744	-0.834	-0.9013	-1.0185	-1.5294
PKH_030360	0.98663	1.1218	0.59696	0.34007	-0.1001	-0.288	-0.7408
PKH_040350	-0.6379	-0.8033	-0.124	-0.6863	-0.7788	-0.2807	0.10698
PKH_131510	-0.4971	-0.2047	0.10624	0.30494	0.51615	0.23718	0.03266
PKH_052010	0.40324	0.52506	0.58435	0.63045	0.49113	0.67073	1.0153
PKH_071220	-0.4139	-0.4346	-0.7119	-0.5539	-0.4307	-0.0482	-0.2432

PKH_082410	0.14757	-0.1493	-0.1137	-0.196	-0.002	-0.4899	0.04668
PKH_073270	-0.3926	-0.6084	-0.6835	-0.8277	-0.4036	0.24952	0.45812
PKH_062320	0.63545	0.47459	0.16505	0.09458	0.10843	-0.0187	-0.007
PKH_133260	0.34065	0.31058	0.23714	-0.0204	0.1506	0.07167	0.15519
PKH_083220	0.03404	0.23564	-0.0484	0.0982	-0.1802	-0.2025	-0.4019
PKH_052240	0.27073	0.11323	-0.102	-0.156	0.32052	0.1908	0.56915
PKH_111250	0.04242	-0.1603	-0.1983	-0.4159	-0.2338	-0.2984	-0.0166
PKH_092350	-0.5478	-0.3314	-0.3268	-0.1202	-0.4173	-0.2995	-0.3494
PKH_126380	0.95775	1.08838	1.0635	1.06937	0.86636	0.55964	0.3342
PKH_010350	-0.5299	-0.7188	-0.6408	-0.9105	-0.7562	-0.6616	-1.1659
PKH_132240	0.01848	-0.1946	-0.1679	-0.2454	-0.2595	-0.0898	-0.0747
PKH_120400	-0.1237	-0.0331	0.29847	0.13002	-0.0232	0.0514	-1.5783
PKH_140770	0.05917	-0.0242	0.14585	0.21266	0.35546	0.27809	0.48691
PKH_131920	0.04286	-0.029	-0.0785	-0.0572	-0.1228	-0.0478	-0.2906
PKH_052720	-1.0259	-1.0992	-1.2724	-0.7627	-1.2501	-1.2299	-1.5507
PKH_132740	0.21485	-0.0322	-0.0315	-0.0592	-0.0147	0.02424	0.30188
PKH_141610	0.63196	0.80899	0.91012	0.78981	0.76839	0.50714	0.25111
PKH_091020	-0.4026	-1.0405	-0.8306	-0.3495	0.59728	0.81449	0.70848
PKH_110270	0.03766	-0.028	-0.0385	0.01217	0.07123	0.00328	0.01819
PKH_080390	0.03194	-0.0814	-0.2053	0.02499	0.03396	-0.1022	-0.0625
PKH_072950	0.14591	0.52412	0.41422	0.67071	0.55414	0.22214	0.33282
PKH_080270	0.85503	1.07402	1.08061	1.0929	0.33231	0.23655	0.3657
PKH_146040	0.38996	-0.0151	0.10222	0.09426	0.38951	0.69688	1.35288
PKH_114150	0.13629	-0.058	-0.0552	-0.228	-0.2292	-0.3526	-0.2766
PKH_134290	0.33414	0.73492	0.92821	0.71988	0.4992	-0.1266	-0.5969
PKH_110640	0.29957	0.09461	-0.0489	0.08125	0.09237	0.2498	0.46675
PKH_102400	-0.7476	-1.2123	-0.7726	-0.342	0.28585	0.25193	0.07762
PKH_072670	-0.1052	-0.2198	-0.1711	-0.1982	-0.2828	-0.0218	-0.3815
PKH_132030	0.7626	0.90526	1.05386	1.13116	1.01949	0.67846	0.86394
PKH_010050	-0.3247	-0.6479	-1.0044	-1.4939	-1.4538	-1.2079	-0.9915
PKH_131065	-0.3521	-0.3659	-0.2723	-0.2274	-0.1339	-0.1655	-0.1842
PKH_146070	0.33316	0.11192	-0.1034	0.0579	0.11968	0.2916	-0.1635
PKH_090890	-0.192	-0.2191	-0.2155	-0.0375	-0.1084	0.03449	-1.5076
PKH_122830	0.59795	0.70023	0.72272	0.78724	0.72084	0.65944	0.20831
PKH_010540	-0.8447	-1.643	-1.541	-0.8714	0.29792	0.3657	0.52463
PKH_120570	-0.1231	-0.0558	-0.0119	-0.0161	0.01732	0.04136	0.20172
PKH_134130	-0.2354	-0.0011	0.21639	0.11522	-0.0213	0.0355	0.04341
PKH_114620	0.30097	0.64571	0.518	0.39286	0.16224	0.22532	0.17852
PKH_041610	-0.8722	-0.4696	-0.7755	-0.7368	-0.4702	-0.7121	-0.9145
PKH_052100	-0.3319	-0.3072	-0.304	-0.392	-0.3489	-0.3537	-0.5311
PKH_061790	-0.1146	-0.0378	-0.1999	-0.2496	-0.21	-0.2995	-0.2823
PKH_114070	-0.1699	-0.2108	0.03488	0.20645	-0.1448	-0.0765	-0.3622
PKH_141920	0.60051	0.61461	0.75024	0.545	0.33246	0.1318	-0.2357
PKH_126040	0.64058	0.59806	0.61427	0.4193	0.30445	0.59775	0.83382
PKH_073060	0.22121	0.53578	0.28411	0.37903	-0.0016	0.02863	-0.4889
PKH_040340	1.13403	1.04774	1.16354	0.94476	1.1204	1.21096	1.41681
PKH_071890	0.21636	0.54945	0.73037	0.88473	0.79681	0.38088	-0.4039
PKH_080100	-0.0469	-0.0892	-0.086	-0.4445	-0.4129	-0.5858	-0.5217
PKH_031360	-0.1961	-0.0244	0.18039	0.18947	0.12017	0.02669	0.10932
PKH_021220	-0.5586	-0.0392	0.26535	0.01632	-0.5747	-0.8062	-1.093
PKH_093440	-0.1411	-0.1444	-0.1737	0.11225	0.04696	0.3565	0.52611
PKH_140390	0.90381	1.10241	1.08343	0.96772	0.73195	0.41659	0.45317
PKH_124790	0.24102	0.43404	0.50591	0.50193	0.22335	0.08493	-0.1355
PKH_101110	0.21718	-0.0772	-0.0931	0.16133	0.19862	0.00613	-0.1379
PKH_122730	-0.49	-0.4993	-0.4061	-0.1003	-0.2254	0.01185	-0.0404
PKH_071730	-0.0399	0.16249	0.05042	0.10581	-0.0142	0.21233	-0.0562
PKH_010130	-1.2969	-0.9481	-1.0908	-1.0867	-1.1712	-1.1952	-2.0546
PKH_093320	0.43425	-0.169	-0.3215	0.90147	1.54589	1.64603	1.46086
PKH_120260	0.74651	0.48296	0.43046	0.34151	0.41058	0.49492	0.87264
PKH_124920	0.55154	0.72959	0.69918	0.83633	0.52081	0.30586	0.47806
PKH_114160	-0.7347	-1.0638	-0.8035	-0.6085	0.21469	0.12732	-0.4174
PKH_081920	0.52751	0.7808	1.0867	0.43772	0.61701	0.43532	0.36788
PKH_092220	0.59663	0.4327	0.24002	-0.2381	-0.2341	-0.437	-0.4213

PKH_101670	-0.9325	-1.0123	-0.8778	-1.0388	-1.3401	-1.3621	-1.6894
PKH_126300	0.84194	0.89465	1.03203	0.91374	0.60773	0.68364	0.5983
PKH_082980	-1.3071	-1.2749	-0.7597	0.20123	-0.1018	0.18146	-0.1433
PKH_114060	0.13069	0.16254	0.20295	0.23665	0.20545	0.49923	0.43641
PKH_124500	0.20943	0.38034	0.44902	0.4967	0.59016	0.62579	0.85147
PKH_102380	0.21942	0.39736	0.84564	0.89156	1.21528	1.28078	0.96419
PKH_093120	0.5665	0.61448	0.65588	0.31782	0.38915	0.33269	-0.4877
PKH_020540	-0.0258	0.25113	0.06737	0.5404	0.14327	-0.187	-0.24
PKH_090770	1.05032	0.91917	0.95622	0.501	0.38028	0.08516	-0.08
PKH_071320	-0.0326	0.04918	0.08559	0	0.06035	0.22021	-0.1002
PKH_112280	0.45585	0.22163	0.07618	0.00284	0.24088	0.29055	0.50497
PKH_113810	-1.5087	-1.2297	-0.905	-0.5338	-0.4776	-0.2021	-0.1879
PKH_100810	0.1946	0.15137	0.2279	0.32752	0.14307	-0.1243	-0.4627
PKH_070520	-0.9245	-0.8972	-0.8143	-0.88	-0.75	-0.412	-0.5743
PKH_092870	0.22286	0.24749	0.45564	0.45393	0.4488	0.66647	0.68596
PKH_130040	0.02846	0.0498	-0.1139	-0.1098	-0.124	-0.309	-0.3595
PKH_124700	0.60139	0.58069	0.57889	0.45425	0.13498	0.14664	0.04214
PKH_144220	0.57977	0.58145	0.57618	0.45172	0.40865	0.34033	0.86089
PKH_130830	-0.4472	-0.5101	-0.11	0.36786	0.86242	0.78243	0.41956
PKH_083580	1.03461	1.08065	0.93849	0.86483	0.55874	0.23692	0.607
PKH_051430	-1.2435	-1.6915	-1.8714	-1.2233	-0.3782	0.37383	0.24455
PKH_031970	-0.2855	-0.6203	-1.0183	-1.3406	-1.3383	-0.798	-0.0355
PKH_073260	-0.3615	-0.0212	-0.0506	0.20244	-0.0678	-0.2501	-0.3891
PKH_031380	0.67279	0.58142	0.53818	0.19731	0.20405	-0.2172	-0.5164
PKH_072480	0.73057	1.03327	1.27573	1.00674	0.72471	0.28214	0.15191
PKH_052830	0.50686	0.44918	0.52208	0.55714	0.45604	0.29264	-1.0553
PKH_090630	-0.6912	-0.7452	-0.6443	-0.0978	-0.0039	-0.4911	-1.5282
PKH_071710	-1.1873	-1.306	-0.948	-0.5008	-0.0178	0.37847	-0.259
PKH_070270	-0.1324	-0.6948	-0.0041	1.2486	1.38903	1.76236	1.84187
PKH_040750	0.24686	0.30947	0.39593	0.66254	0.38565	0.00305	-0.1755
PKH_125880	0.38483	0.55952	0.52726	0.36879	0.47833	0.64917	0.79558
PKH_124730	0.26085	0.35835	0.31965	0.1082	0.03651	-0.049	-0.3244
PKH_121990	0.37716	0.67367	0.47058	0.4345	0.29193	0.03926	0.22463
PKH_145800	0.60697	0.57189	0.52988	0.45352	0.53077	0.30528	-0.7912
PKH_051200	-0.2041	-0.1463	-0.2461	-0.0796	-0.245	-0.1598	-1.1893
PKH_082310	0.6241	0.3987	0.5267	0.41826	0.48579	0.38773	-0.1903
PKH_126630	-1.4081	-1.3258	-0.8956	-0.7055	-0.2574	-0.2241	-0.6724
PKH_111470	-0.6039	-0.656	-0.2046	0.10658	0.37696	0.81321	0.85313
PKH_124620	-1.0085	-1.5218	-1.2735	-0.7256	-0.0549	0.71029	0.93573
PKH_010320	-1.91	-1.9324	-1.9711	-2.1232	-2.0127	-2.2693	-2.4526
PKH_121680	0.09831	0.02517	0.1549	0.34867	0.03598	0.09814	0.22707
PKH_101830	-0.1815	-0.2704	-0.1609	-0.3622	-0.4874	-0.2414	-0.2414
PKH_091230	-0.1896	-0.4328	-0.4883	-0.4078	0.12011	0.43633	0.46984
PKH_133310	-0.0486	-0.0732	-0.1383	-0.0118	-0.2177	-0.036	-1.1866
PKH_041140	0.38038	0.47675	0.37941	0.07882	0.05333	0.11353	0.52164
PKH_020290	-0.0055	0.71716	0.40968	0.28823	0.03689	-0.3839	-0.8312
PKH_143300	-0.6023	-0.458	-0.5379	-0.5269	-0.0844	0.11287	-0.117
PKH_142840	-0.1981	-0.0008	0	-0.3921	-0.2906	-0.4542	-0.3963
PKH_120140	-0.2881	-0.2084	-0.1295	-0.0769	-0.2169	-0.4312	-1.4994
PKH_060170	0.55879	0.60955	0.67952	0.7346	0.44233	0.15625	-0.2143
PKH_070910	0.01824	-0.0026	0.00176	-0.0443	0.12492	0.02529	-1.0148
PKH_072960	-0.3168	-0.4952	-0.6016	-0.3677	-0.1294	-0.0532	-0.0644
PKH_125940	-0.6779	-0.8911	-1.3933	-1.7312	-1.3174	-1.4153	-1.2157
PKH_092860	-0.1048	-0.2413	-0.3119	-0.3847	-0.2922	-0.2838	-0.5027
PKH_130010	0.90755	0.82582	0.87745	0.60257	0.28344	0.23155	0.43378
PKH_124570	0.99705	1.20875	1.1492	0.95601	0.3434	0.13937	0.03161
PKH_133120	0.59075	0.65015	0.73424	0.22329	0.18878	-0.0232	0.51738
PKH_110480	0.48429	0.45519	0.01041	0.23472	-0.1161	-0.3676	-0.1461
PKH_061580	0.40332	0.18756	0.02225	-0.0873	-0.051	-0.1217	-0.1168
PKH_100270	0.26906	0.26514	0.34423	0.21639	0.09372	0.07023	-0.9893
PKH_092400	-0.4953	-0.4497	-0.3509	-0.5524	-0.543	-0.6507	-0.6054
PKH_125020	0.73857	0.79859	1.06413	1.22647	0.99474	0.93535	0.97812
PKH_021130	0.13014	0.26706	-0.0616	-0.7819	-0.8108	-1.3732	-1.6881

PKH_123540	0.37773	0.80706	0.51577	0.89301	0.57513	0.28005	0.03949
PKH_080820	0.48803	0.34529	-0.0161	-0.2051	0.00683	0.2418	0.83744
PKH_081210	0.56719	0.54309	0.43356	0.34433	0.07651	-0.1463	-0.021
PKH_110410	0.3679	0.90324	0.83693	1.12364	0.99353	0.79527	0.58143
PKH_011430	-0.2145	-0.2601	-0.4971	-0.4871	-0.6403	-0.1536	0.22131
PKH_050050	0.34085	0.43563	0.0417	-0.1187	0.07072	0.52144	0.72523
PKH_125150	0.03866	-0.1416	0.20753	0.09462	-0.0583	-0.1504	-1.2553
PKH_081350	-1.0033	-0.9518	-0.9116	-0.682	-0.3662	-0.6124	-1.1493
PKH_090230	-0.0429	0.19921	0.77999	0.39864	0.5742	0.68458	0.90251
PKH_145920	0.23548	0.05891	0.03286	0.01845	0.00763	0.05187	0.37307
PKH_072830	-0.5811	-0.2898	-0.3089	-0.1613	-0.2663	-0.5048	-0.8989
PKH_080940	1.26532	1.18547	1.20221	0.81128	0.73303	0.32023	0.0858
PKH_143710	0.18048	0.11185	0.1464	0.07897	0.04902	-0.0842	0.04327
PKH_114730	-0.6895	-0.8968	-1.2159	-0.8954	-0.7886	-0.6654	-0.9443
PKH_122910	0.09041	0.02821	0.07361	0.01013	-0.0782	0.04133	0.06919
PKH_101550	0.49495	0.45553	0.45547	0.16781	0.24079	0.17739	0.39002
PKH_144080	-0.8905	-1.0935	-0.5507	-0.8113	-0.0746	-0.0462	-0.0374
PKH_082580	0.00653	0.32599	0.06026	0.32674	0.07211	0.0654	-0.336
PKH_030910	-0.7276	-0.8345	-0.8632	-0.9284	-0.8639	-1.0506	-0.9464
PKH_123330	0.41464	0.43927	0.43716	0.49935	0.23515	0.07486	0.2779
PKH_120350	0.05164	-0.1094	-0.0614	-0.0686	-0.1496	-0.0408	-0.0183
PKH_110050	0.5027	0.11437	-0.2201	-0.2854	-0.3727	0.25639	0.8902
PKH_020550	-0.3859	-0.3835	-0.5192	-0.6417	-0.4522	-0.4851	-1.0969
PKH_146250	-0.0551	0.02506	0.50159	1.11115	0.68961	0.4262	0.48804
PKH_052330	-0.5994	-0.629	-0.5997	-0.6517	-0.7971	-0.9134	-1.572
PKH_125900	0.5141	1.01197	0.59962	0.67463	0.54419	0.37733	-1.3858
PKH_140160	0.11157	0.36229	0.50346	0.25822	0.15213	0.16716	0.24213
PKH_010680	-0.0421	0.44698	0.64575	0.73333	0.83111	0.48233	0.15959
PKH_140370	0.75201	1.02211	1.15364	1.06954	0.90117	0.84231	0.78436
PKH_121630	0.49058	0.59123	0.61518	0.4353	0.39543	0.23753	0.21924
PKH_146840	-0.1166	0.53557	0.69035	0.64242	0.48146	0.03682	-0.4385
PKH_081610	0.02844	0.08175	-0.2484	-0.7865	-0.9297	-1.2031	-1.6827
PKH_143470	0.18244	0.01088	-0.0892	-0.0331	-0.0588	-0.2462	-1.1061
PKH_113110	0.95466	0.79116	0.78778	0.62405	0.69555	0.4839	0.96986
PKH_092840	0.64028	0.63382	0.52562	0.51556	0.37812	0.30117	0.34101
PKH_061480	-0.1575	0.56139	0.73293	0.89691	-0.1164	-0.3291	-0.5938
PKH_060100	-0.3792	-0.4164	-0.546	-0.3967	-0.4391	-0.5031	-0.5217
PKH_113370	0.12086	-0.0149	0.40223	0.54151	0.46006	-0.0016	0.64039
PKH_082870	-0.2638	-0.0165	0.14722	0.38174	0.57923	0.63691	0.02678
PKH_143450	0.0613	-0.1602	-0.193	-0.4037	-0.0575	0.28837	0.65039
PKH_112390	0.18635	0.09797	-0.1479	-0.2168	0.43122	0.92614	0.9726
PKH_083030	0.6447	0.73767	0.93365	0.72504	0.73839	0.76629	0.91269
PKH_114250	-0.5986	-0.8628	-0.8498	-0.7515	-0.7824	-0.5849	-0.8443
PKH_112420	0.21254	-0.0829	-0.3075	-0.4449	-0.4671	-0.402	0.17191
PKH_083360	-0.0772	0.06597	0.09718	0.02055	0.17319	-0.1162	-0.6091
PKH_071830	-0.2845	-0.108	-0.2563	-0.4715	-0.2641	-0.3158	-0.3947
PKH_091210	0.40656	0.5318	0.29108	0.45576	0.53568	0.18693	0.03857
PKH_061090	0.02052	0.21287	0.21454	0.20514	0.18702	-0.0663	-0.0438
PKH_146450	0.42628	0.57302	0.49929	0.45708	0.18655	0.11708	0.09286
PKH_134510	-0.1145	-0.0751	0.18515	0.11718	0.18636	0.29238	-1.0268
PKH_091730	-0.2121	-0.3709	-0.6454	-0.4509	-0.3391	-0.1656	-0.3441
PKH_102420	-0.2911	-0.3231	-0.0033	-0.1508	-0.581	-0.5989	-0.5416
PKH_071150	0.18072	0.22543	0.32371	0.13249	0.15364	0.10979	0.73929
PKH_103160	-0.1722	0.14948	0.30851	0.72405	0.45767	0.27727	0.29078
PKH_114050	1.10888	1.0197	1.07182	1.10871	0.75336	0.40025	0.19657
PKH_145760	1.37842	1.39135	1.45932	1.52852	0.79657	0.40247	0.43048
PKH_072750	0.27021	0.44546	0.44641	0.31305	0.09362	-0.2501	-0.4193
PKH_050910	0.5411	0.72496	0.9035	0.95249	0.77822	0.51491	0.34865
PKH_120490	0.04632	-0.0826	0.0129	0.20911	0.08337	0.01765	0.1393
PKH_120310	0.51417	0.83846	1.01665	0.99146	0.60927	0.04023	-0.1748
PKH_094100	0.15593	0.14107	0.48423	0.53435	0.62016	0.39772	0.45365
PKH_101500	-0.6131	-0.4813	-0.7141	-0.1109	0.35674	0.30054	-0.9775
PKH_110820	-0.5816	-0.4819	-0.5303	-0.5315	-0.6419	-0.7143	-0.8126

PKH_051490	0.13295	0.19933	0.00781	0.11444	0.00562	-0.0022	-1.3256
PKH_080310	-0.1077	0.09984	-0.1939	-0.2007	-0.2112	-0.4819	-0.7667
PKH_072740	-1.0097	-1.1401	-1.0665	-1.1556	-1.202	-1.1877	-1.4539
PKH_133710	0.98144	0.95469	1.17674	0.71103	0.87616	0.42305	0.27025
PKH_071670	0.72803	0.68758	0.81427	0.85337	0.8143	0.30137	0.3391
PKH_072050	0.20276	0.18878	0.07476	0.07132	0.00797	-0.0785	0.00064
PKH_124150	0.88247	0.92751	1.01354	0.79009	0.49693	0.31956	0.15615
PKH_071860	-0.2703	0.36442	0.00636	0.20235	0.14582	-0.1897	-0.3995
PKH_051985	0.49661	0.7251	0.43474	0.26416	-0.2512	-0.5398	-0.4834
PKH_110590	0.04731	0.00049	-0.2169	-0.3819	-0.4877	-0.4017	-0.26
PKH_094330	-0.3737	-0.253	0.02971	0.31381	0.51463	0.27597	0.12779
PKH_140240	-0.1493	-0.0994	0.01168	0.125	-0.0244	0.06737	-1.2557
PKH_142450	-0.7417	-0.746	-0.8797	-1.6674	-1.3661	-1.6399	-1.7301
PKH_011450	-0.6438	-0.4288	-0.5623	-0.3251	-0.4355	-0.3894	-0.7464
PKH_031740	-0.0144	-0.3057	-0.2263	-0.6042	-0.624	-0.0706	0.30802
PKH_131350	0.55491	0.61982	0.5387	0.51313	0.30725	0.06432	0.04341
PKH_124690	-0.4355	-0.3197	-0.4482	-0.4858	-0.5657	-0.6321	-0.7978
PKH_110580	0.54064	0.72982	0.6995	1.0786	0.6621	0.47905	0.31377
PKH_060900	-0.1075	-0.4089	-0.6025	-0.768	-0.6202	-0.4858	-0.2352
PKH_082400	-0.0407	-0.1182	0.3174	0.73645	0.63698	0.52008	0.58679
PKH_145880	-0.1309	-0.0321	0.24191	0.12446	0.05136	0.02132	-1.2796
PKH_020980	-0.5682	-0.4453	-0.34	-0.292	-0.4151	-0.2898	-0.9203
PKH_141240	0.46586	0.34224	0.34544	0.33642	0.19641	0.19433	0.02597
PKH_094220	-0.0958	0.01665	0.19153	0.29601	0.13183	0.3562	0.36113
PKH_041080	0.18744	0.1399	0.02348	-0.1686	-0.0626	-0.1449	-0.1503
PKH_091630	-0.0038	0.06906	0.02985	0.19854	0.18533	0.23418	-0.5261
PKH_030660	0.05729	0.18308	0.27383	0.02225	0.44702	0.14304	0.08034
PKH_041460	-0.2043	-0.2523	-0.1277	0.0227	-0.5974	-0.3154	-1.431
PKH_092180	-0.1511	0.15609	-0.1187	-0.2341	-0.056	-0.1656	-0.3255
PKH_102990	0.22352	0.00833	-0.3526	-0.4187	-0.4709	-0.3484	-0.0817
PKH_020740	-1.2214	-1.0659	-0.8082	-0.4614	-0.1363	0.18467	-0.5482
PKH_082600	-0.2726	-0.4801	-0.5328	-0.8909	-0.4254	-0.0546	0.07766
PKH_121610	0.19145	-0.0769	0.02188	0.39627	0.8189	0.50151	1.03748
PKH_110390	0.77292	1.15158	0.97212	0.82149	0.37359	0.23	0.71013
PKH_110520	0.30865	0.17598	0.15436	0.18529	0.07666	-0.1026	-1.5252
PKH_112600	-0.7919	-0.3228	-0.1138	-0.0049	-0.3567	-0.3012	-0.321
PKH_113600	0.19195	-0.0025	0.01727	-0.0689	-0.7294	-0.3984	0.33768
PKH_072190	0.81921	0.80546	0.68244	0.55009	0.16271	0.08661	0.20001
PKH_112850	0.1099	0.21207	0.50814	0.89369	0.64885	0.45368	0.09141
PKH_060820	0.14064	0.21903	0.12934	0.24401	0.25704	-0.2564	-0.1083
PKH_010510	-1.7367	-1.5193	-1.3864	-1.7444	-1.4748	-1.6463	-2.2578
PKH_081790	0.24842	-0.3537	-0.0475	-0.3983	-0.3193	0.01244	0.46679
PKH_102880	0.28752	0.06405	0.52326	0.72714	0.42216	0.53158	0.40531
PKH_132530	0.83579	0.74268	0.67033	0.55515	0.59939	0.17001	0.36529
PKH_021100	-0.2021	0.39125	0.9161	1.01144	1.0273	0.90435	0.51627
PKH_141190	0.0035	-0.2764	0.1203	0.18545	0.69183	1.03431	0.78773
PKH_141420	0.2461	0.22011	0.41504	0.44038	0.39019	0.80616	1.09358
PKH_122290	-0.1107	-0.1906	-0.261	-0.4314	-0.2352	-0.1953	-0.1763
PKH_102210	0.48199	0.40368	-0.0849	0.08705	-0.0941	-0.1699	-0.5137
PKH_114310	0.90378	0.91797	0.71024	0.58873	0.42288	0.38265	0.63385
PKH_131800	-0.0052	0.09049	0.05721	0.13832	0.00296	0.06336	-0.0117
PKH_123360	0.16838	0.09349	0.07302	0.15028	0.2916	0.01952	-0.0548
PKH_124400	0.10793	0.47971	0.42647	0.54994	0.15629	0.19329	0.02632
PKH_041220	-0.3725	-0.3798	-0.2351	0.02352	-0.0923	0.19526	-0.2184
PKH_060390	-1.5846	-1.5832	-1.5972	-1.6021	-1.2909	-1.1213	-1.2053
PKH_080810	-0.0378	0.01148	-0.3628	-0.2131	-0.7512	-0.698	-0.8653
PKH_072650	0.06128	0.14519	-0.0102	-0.1529	-0.2627	-0.3842	-0.3805
PKH_090510	-0.0985	-0.5801	-0.6876	-0.5417	0.19866	0.837	0.59799
PKH_142550	-0.3331	-0.5986	-0.6276	-0.9307	-0.6241	-0.0969	0.50386
PKH_123770	0.93733	0.75229	0.84946	0.91802	0.5016	0.68674	0.60063
PKH_081540	-1.2547	-1.2709	-0.9279	-0.7168	-0.4891	-0.3245	-0.2717
PKH_000690	0.84338	0.53447	0.9021	0.86596	0.48484	0.60269	0.70759
PKH_113540	-0.3674	-0.5137	-0.4681	-0.3578	-0.3465	-0.0399	-0.0777

PKH_132090	-0.1163	-0.1839	-0.1603	-0.2761	-0.2652	-0.4139	-0.2295
PKH_101460	-0.7902	-0.9858	-0.8411	-0.5701	-0.4691	-0.7532	-1.4848
PKH_120640	0.77557	0.60187	0.64357	0.41755	0.37024	0.12102	0.42492
PKH_112060	0.28175	0.49841	0.27019	0.34538	0.35348	0.05814	-1.5871
PKH_133620	0.67943	0.80555	0.83011	0.56944	0.56474	0.44598	0.43761
PKH_126840	0.4254	0.70014	0.5218	0.45499	0.21521	0.10494	0.02529
PKH_112750	0.41329	0.63733	0.84053	1.26478	0.95191	0.90196	0.66769
PKH_130200	0.86108	0.82951	0.89827	0.61985	0.94771	0.61932	0.77825
PKH_123180	-0.1929	-0.3989	-0.4462	-0.6844	-0.4874	-0.3905	-1.3473
PKH_114440	-0.7214	-0.6423	-0.5115	-0.4616	-0.3493	-0.3459	-0.6604
PKH_126770	0.45147	0.68152	0.66284	0.61564	0.52384	0.43919	-0.934
PKH_145200	0.44745	0.6518	0.61162	0.61134	0.49757	0.42288	0.42736
PKH_100250	-0.2809	-0.5326	-0.0495	-0.0852	-0.0364	0.12496	0.17438
PKH_122350	0.27535	0.02925	0.03474	-0.1304	-0.1927	-0.1122	-0.6879
PKH_133170	-0.0502	0.01261	0.09022	0.0194	-0.0707	-0.0542	-0.1557
PKH_110660	0.42013	0.4901	0.73636	0.42897	0.36239	0.43148	0.47115
PKH_030150	0.51455	0.66643	0.92235	0.50706	0.6239	0.81717	0.80649
PKH_120530	-0.9017	-1.0137	-0.9911	-0.3227	0.3877	0.52778	0.60347
PKH_091600	0.32612	0.16937	0.13967	0.26574	0.06197	0.24303	0.37734
PKH_145570	0.3111	0.19666	-0.1694	-0.2902	-0.3648	-0.1118	0.58182
PKH_130690	-0.6131	-0.5641	-0.5094	-0.3799	-0.6396	-0.5019	-0.2569
PKH_052220	0.71649	0.46908	0.29169	0.3782	0.48083	0.65506	0.47265
PKH_020350	-1.1673	-1.0146	-1.0463	-1.4463	-1.3165	-1.5417	-1.8798
PKH_130650	0.32885	0.38659	0.22168	0.07012	0.07805	0.02473	0.01843
PKH_050260	0.40466	0.66492	0.56726	0.56332	0.62083	0.61007	0.29314
PKH_143120	0.41146	0.39301	0.25678	-0.0073	0.12503	-0.0595	-0.073
PKH_130120	-0.0366	-0.0566	-0.3076	-0.4321	-0.4738	-0.1949	-0.1518
PKH_121750	0.13012	0.41868	0.21345	0.7547	0.50372	0.16789	-0.1962
PKH_112230	0.63116	1.22976	1.37903	1.41096	0.93021	0.48295	0.0814
PKH_072430	0.11148	-0.161	-0.282	-0.1385	-0.3311	-0.631	-0.7309
PKH_080260	0.17719	0.19606	0.25912	0.26157	0.03628	0.12565	-0.029
PKH_111280	0.23361	0.17979	0.24837	0.22603	0.08057	0.27166	0.14185
PKH_140900	0.31736	0.35781	0.18424	0.202	0.29908	0.16924	0.19648
PKH_070770	0.5404	0.57091	0.50059	0.57821	0.44066	0.6117	0.75592
PKH_052510	0.0277	0.02455	0.20302	-0.0005	0.13163	0.19423	0.10594
PKH_100440	-0.8136	-0.5419	-0.1939	-0.1273	0.19635	0.63702	0.84665
PKH_010910	-0.8954	-0.7159	-0.8357	-0.9802	-0.9547	-0.9149	-1.6554
PKH_121780	-0.6954	-0.592	-0.6659	-0.6996	-0.6194	-0.7668	-1.3304
PKH_134530	0.45758	0.43102	0.11861	0.06764	0.18076	0.1309	0.40113
PKH_000390	-0.4508	-0.3999	-0.4829	-0.358	-0.6052	-0.6067	-1.0797
PKH_100730	0.09419	0.18303	0.25849	0.46056	0.37623	0.32408	0.02134
PKH_133240	0.49676	0.664	0.72061	0.40041	0.15263	-0.312	-0.1867
PKH_094520	0.70355	0.68026	1.08153	0.99969	0.98564	0.84214	0.84562
PKH_145130	-0.5899	-0.6587	-0.3908	-0.0169	0.44007	0.65352	0.30279
PKH_081770	0.1026	-0.0081	-0.0874	0.08122	-0.0108	0.09331	-1.3659
PKH_100160	0.00053	0.24355	0.0046	0.18515	0.00569	0.07694	-1.3852
PKH_060330	-1.0833	-1.0449	-0.9073	-0.9514	-0.976	-0.983	-0.7766
PKH_080540	0.13487	0.15451	-0.0702	-0.1015	-0.2724	-0.3618	-0.2893
PKH_082910	0.77748	0.90466	0.80843	0.69386	0.67397	0.87144	1.12826
PKH_141150	0.44032	0.60542	0.51218	0.56414	0.38613	0.24803	-0.044
PKH_112550	0.20903	-0.1974	0.08235	-0.1337	-0.5004	-0.6496	-0.3484
PKH_070500	0.29116	0.54011	0.91086	1.38349	0.98622	0.70102	0.49893
PKH_100780	-0.0085	-0.0962	-0.1247	-0.225	-0.4939	-0.4636	-0.1865
PKH_093200	0.01166	0.15776	0.03497	0.28287	0.10289	0.17188	0.0439
PKH_073190	-0.4626	0.00278	-0.2557	-0.2346	-0.1807	-0.2326	-0.4532
PKH_093400	0.09315	0.03802	0.07274	0.00678	0.13621	0.02682	0.0627
PKH_102320	-0.4654	-0.3817	-0.4093	-0.232	-0.4147	-0.3869	-1.6933
PKH_131290	0	-0.3945	-0.8583	-1.4589	-1.1303	-0.2955	0.61237
PKH_090060	-0.1799	-0.186	-0.2434	0.02474	-0.1331	0.14442	-1.3126
PKH_093760	0.52281	0.42843	0.72422	0.28378	0.50525	0.62702	0.73508
PKH_142690	0.05015	-0.1302	-0.1147	-0.0833	0.2004	-0.7703	0.18099
PKH_141490	-0.0904	0.31297	0.63343	0.94809	0.63147	0.33691	0.24365
PKH_112740	-0.1828	-0.3219	-0.3268	-0.3022	0.05828	-0.0992	-0.3632

PKH_120990	0.42751	0.80343	0.64989	0.58431	0.60839	0.39017	0.32021
PKH_021260	-0.3077	-0.084	0.01079	0.37533	0.46056	0.45535	0.07519
PKH_100880	-0.1496	-0.2929	-0.302	-0.4204	-0.2768	-0.0795	0.12751
PKH_091450	-0.3203	0.2707	0.9462	1.05049	0.62379	0.36388	0.38791
PKH_010250	-0.6549	-0.6779	-0.0416	0.2835	0.50157	0.27669	-0.0966
PKH_090120	0.20463	0.1506	0.13352	0.22755	0.27355	0.13437	-1.2916
PKH_071530	-0.8682	-1.2352	-0.5521	0.3491	0.95678	1.14582	0.77567
PKH_142810	0.85204	1.19566	1.17673	1.73376	0.83259	0.58469	0.64742
PKH_094430	0.69701	0.60349	0.82843	1.11377	1.05838	1.03012	1.05431
PKH_100870	0.37498	0.29091	0.68387	0.9253	0.91514	0.85012	1.06889

P. berghei (ANKA)

geneid	TP01	TP02	TP03	TP04	TP05	TP06	TP07	TP08	TP09	TP10	TP11	TP12
PBANKA_094260	0.3715	0.5965	0.049	-0.1407	0.1338	-0.3	-0.0773	-0.0777	-0.252	-0.2792	-0.3642	-0.4544
PBANKA_136090	-0.4499	-0.4504	-0.5386	-0.6627	-0.2109	-0.3175	0.4812	0.5309	0.2473	0.4447	-0.2329	-0.046
PBANKA_134170	0.1486	-0.9775	0.373	-0.1317	0.1766	0.7221	0.0973	0.1863	0.1314	-0.0482	-0.3365	-0.3694
PBANKA_140200	0.2176	0.0651	-0.2132	-0.9039	-0.1911	-0.143	-0.3952	-0.1599	-0.0662	0.1251	-0.3151	-0.6373
PBANKA_090940	-0.2373	-0.079	-0.2956	-0.3306	-0.0689	0.0446	0.2755	0.4494	0.4474	0.2739	0.0421	0.776
PBANKA_090860	-0.3707	-0.0547	-0.5112	-0.1111	-0.0255	0.0495	0.5297	0.4843	0.5385	0.5971	0.2109	0.4896
PBANKA_052030	0.1378	0.4317	0.0913	0.1716	0.0218	0.1326	0.0522	-0.0409	0.0518	0.1499	0.0891	0.073
PBANKA_100110	-0.2223	0.0831	0.2957	0.6744	0.1914	0.2868	0.0624	-0.3489	-0.312	-0.0244	-0.2451	0.0597
PBANKA_020960	0.1391	-0.3223	0.5783	0.0221	0.1807	0.5551	-0.2928	-0.5106	-0.2109	-0.1684	-0.8652	-0.235
PBANKA_040950	-0.0179	0.0689	-0.0458	0.0944	-0.0727	0.6142	0.3537	0.0529	0.2303	0.2512	0.0021	0.1448
PBANKA_102700	-0.5932	-0.7404	-0.8901	-1.3557	-0.6987	-1.2268	-0.9758	-0.9562	-1.8659	-0.9368	-1.3068	-0.6356
PBANKA_145960	-0.303	0.2195	-0.0714	-1.2616	-0.0078	-0.2042	-0.3347	-0.2878	-0.2803	-0.415	-0.5901	-0.2942
PBANKA_092580	-0.1525	0.1517	-0.3406	-0.4762	-0.0397	-0.5843	-0.167	-0.0668	0.2125	0.0761	-0.0926	0.1723
PBANKA_060630	0.1514	0.2107	0.0634	0.1077	-0.0191	-0.3469	-0.2355	0.0646	0.1447	0.4573	0.2955	0.2955
PBANKA_120040	0.3872	0.0347	0.2313	0.0335	0.2902	0.1705	-0.1	0.2258	-0.2892	-0.5291	0.2448	0.1677
PBANKA_103370	0.2677	0.0895	-0.2703	0.0139	-0.1525	-0.1759	0.0182	0.5536	0.4818	0.8244	0.9109	1.197
PBANKA_120480	0.2678	0.2383	0.0415	-0.092	0.0415	0.7181	-0.1116	-0.1582	-0.099	-0.3061	-0.5475	-0.369
PBANKA_093820	-0.0644	-0.3762	-0.2183	-0.2953	-0.0182	-0.0019	0.1214	0.0943	0.1234	-0.0931	-0.5274	-0.0448
PBANKA_070720	-0.1316	-0.1362	-0.1131	-0.1744	-0.0454	-0.3975	-0.1414	0.1518	0.496	0.3809	0.6814	0.9394
PBANKA_051420	-0.1631	-1.325	-0.3831	-0.0872	-0.159	-0.1906	-0.091	0.138	0.531	0.494	1.3862	0.7724
PBANKA_080280	-0.071	0.2295	0.1186	-0.4994	-0.1016	0.2211	0.6497	0.5747	0.4268	0.5651	1.5527	0.0754
PBANKA_090160	-0.3223	-0.1865	-0.1525	-0.2968	-0.2703	0.759	-0.2486	-0.2483	-0.3597	-0.2635	-0.246	-0.3477
PBANKA_103240	-0.1068	-0.6502	-0.4796	-0.8538	0.3283	-0.3093	-0.2582	0.1666	-0.087	0.3511	0.541	0.7491
PBANKA_131360	-0.0487	0.113	-0.1676	0.3984	-0.0446	0.4431	-0.0269	-0.1771	-0.0906	-0.0407	-0.0513	-0.197
PBANKA_131880	-0.4706	0.5247	-0.4582	-0.5767	-0.1813	-0.2665	0.0918	-0.1136	0.2197	0.2541	0.0906	0.5734
PBANKA_031350	-0.0359	-0.0902	0.0102	0.1964	-0.106	0.411	0.5424	0.3165	0.1807	0.554	0.0726	0.0854
PBANKA_093100	-0.1056	0.0391	0.0174	-0.1881	0.2031	0.246	0.2534	0.3973	-0.0545	-0.3726	-0.2357	-0.6022
PBANKA_041210	0.0187	0.193	0.0524	0.0759	0.5365	0.5176	0.0307	0.0201	0.0798	-0.0504	-0.1299	0.5751
PBANKA_062180	0.0694	-0.0032	-0.1251	0.2168	0.0584	0.7544	-0.1109	-0.054	0.5255	0.0949	1.4579	1.1195
PBANKA_123260	-0.1484	-1.2744	-0.2045	0.0456	-0.2026	-0.1835	-0.4811	0.023	0.0388	0.2539	0.2926	0.5524
PBANKA_120360	0.1218	0.3311	-0.2978	-0.4162	-0.2357	-0.1524	-0.1765	-0.7225	-0.4837	-0.1071	0.1406	-0.4572
PBANKA_083540	0.2143	0.6316	0.1193	0.2001	0.4566	0.3115	0.0864	0.529	0.4053	0.3135	0.3618	0.3665
PBANKA_103570	0.3873	0.246	0.1791	0.0483	-0.1005	-0.0796	0.2847	0.3151	0.1478	0.4842	0.1688	0.2613
PBANKA_112890	-0.0935	-0.2155	-0.1513	0.1555	-0.0887	-2.0054	-0.0148	0.4084	0.1626	0.8336	1.1978	0.7147
PBANKA_123850	0.1892	-0.8455	0.0049	0.69	-0.2183	-0.5996	-0.0142	0.0054	-0.4036	-0.2518	-0.3989	-0.1984
PBANKA_140330	-0.0142	-0.1461	-0.5431	0.2027	-0.1662	0.0407	0.1765	0.4459	0.3331	0.6275	0.7448	-0.1089
PBANKA_103250	0.1579	0.4005	0.1483	-0.1184	0.2996	-0.5421	-0.1352	-0.1182	-0.2885	-0.0519	-0.2395	-0.3256
PBANKA_141360	0.0927	0.0136	0.0468	0.3117	-0.0325	0.0263	-0.1663	0.3799	0.4118	0.2216	0.4615	0.132
PBANKA_132040	0.0429	-0.0485	-0.0294	0.0459	0.4674	-0.0246	0.0607	-0.0542	-0.3582	-0.1136	-0.2984	-0.3216
PBANKA_102050	-0.4893	-0.1472	-0.9207	-1.7364	-0.4374	-0.8071	-0.2949	-1.084	-0.845	-0.2704	-0.0197	0.1703
PBANKA_123960	0.2136	0.7967	0.3172	0.1355	-0.0407	-1.2754	0.0266	-0.1527	-0.2621	0.019	0.0613	0.4415
PBANKA_120890	-0.0142	0.0979	-0.3199	0.1284	-0.1112	-0.3017	-0.1534	-0.1008	0.354	0.2553	1.4296	1.6339
PBANKA_146390	-0.4347	-0.1446	-0.296	0.0959	0.0621	-0.0913	0.042	0.0065	0.4572	0.3713	1.2145	0.8573
PBANKA_141990	-0.3499	-0.6186	-0.3974	-0.8184	-0.2293	0.1474	-0.2737	-0.2363	-0.0614	0.0295	-0.4086	-0.2928
PBANKA_031260	-0.5924	-0.6292	-0.0456	-0.3485	-0.8393	0.4889	0.4717	0.6587	0.7607	0.569	0.3602	0.1766
PBANKA_114530	-0.06	0.0093	-0.4623	-1.0091	-0.4146	-0.1982	-0.4055	-0.6688	-0.3896	-0.0573	0.3871	-0.0141
PBANKA_131010	-0.3221	0.1655	-0.0599	0.603	0.0661	0.3523	0.0424	-0.0391	-0.0154	-0.0376	0.368	-0.3582
PBANKA_134390	-0.2894	0.1204	-0.4197	0.1851	-0.1661	-0.3077	0.224	-0.0393	-0.2662	-0.1007	-0.2851	-0.219
PBANKA_021460	0.2803	0.0058	-0.3286	-0.4048	-0.1517	-0.5605	-0.1766	0.3803	-0.0133	0.4932	1.0723	1.0358
PBANKA_051830	-0.0458	1.3517	0.0014	-0.0004	0.1414	0.0337	0.1895	-0.4457	-0.5633	-0.1886	-0.2211	-0.3357
PBANKA_071380	-0.1028	-0.1174	-0.0705	0.1815	0.0494	0.0513	-0.0029	-0.353	-0.1662	-0.1202	0.3841	-0.2654
PBANKA_081180	-0.3171	-0.8832	-0.1142	-0.2491	-0.3203	-0.1686	0.1462	0.4121	0.3038	0.2765	0.3197	-0.2057
PBANKA_031390	0.2387	-0.7743	0.5103	0.4397	0.4646	0.9551	-0.1143	0.0261	0.0413	-0.1141	-0.2623	-0.5137
PBANKA_144960	-0.2313	0.1303	-0.0255	-0.1664	-0.021	-0.5809	0.3955	0.3164	0.2705	0.3943	0.1822	0.4002
PBANKA_110280	0.6794	-0.3828	0.2289	0.3957	0.3584	-0.0446	-0.0432	-0.1895	-0.2628	-0.3389	-0.4135	-0.2142
PBANKA_130450	-0.0662	0.027	-0.2553	-0.1076	-0.2446	-0.3213	0.3055	0.4791	0.8522	0.6598	0.6497	1.119
PBANKA_142220	0.2948	0.1577	0.3106	0.6989	0.264	0.1764	-0.1726	-0.4414	-0.6316	-0.8781	-0.205	-1.0594
PBANKA_102450	0.2327	0.1693	0.2712	0.3908	0.1632	0.7913	0.2098	0.0788	-0.3013	-0.2436	-0.4907	-0.8506
PBANKA_080220	-0.1713	-0.0069	-0.3806	-0.4661	-0.0442	-0.1146	-0.1786	0.0912	0.2695	0.2388	-0.487	-0.1652
PBANKA_124600	0.7296	0.3434	0.1723	0.1618	0.252	-0.6276	-0.3477	-0.3923	-0.1607	-0.1268	0.5374	0.8373
PBANKA_082220	0.2948	0.5197	-0.1427	-0.3049	-0.0224	-0.7233	-0.3146	-0.5719	-0.3351	-0.2587	-0.6227	-0.2501

PBANKA_130750	-0.0047	0.0124	0.12	-0.1778	0.0426	-0.0676	-0.1199	-0.2472	-0.0545	0.1357	0.1524	-0.1236
PBANKA_122450	-0.2352	-1.2828	-0.1151	-0.2652	0.2838	-1.3444	0.57	0.502	0.1937	0.4515	-0.0857	-0.0349
PBANKA_081110	0.1407	0.8212	-0.1172	-0.531	-0.3135	0.5877	-0.39	-0.1254	-0.1244	-0.2943	0.0019	0.0253
PBANKA_131590	0.204	0.6457	0.1907	0.4107	0.282	0.5104	0.1717	-0.1109	-0.0704	-0.0734	-0.2591	0.0501
PBANKA_072200	0.1948	-0.7331	0.0791	-0.4589	0.3664	0.8479	0.0778	0.3259	0.1425	0.2217	-0.1167	-0.1162
PBANKA_071490	-0.3481	-0.3802	-0.2535	-0.4935	-0.5243	-0.5908	-0.0547	-0.3443	-0.4415	-0.7743	-0.3472	-0.1481
PBANKA_134940	-0.0432	0.0839	-0.1628	0.3751	0.0243	-0.0494	-0.0449	0.4948	0.4397	0.1418	1.5286	-0.048
PBANKA_133370	-0.2009	0.2893	-0.2035	-0.3905	-0.2493	0.0632	-0.2257	-0.2157	0.0885	0.6275	1.0467	0.9619
PBANKA_136250	-0.1259	-0.0894	-0.2751	0.1794	-0.0995	-0.2182	-0.0888	0.1041	0.2159	0.2613	0.5181	0.214
PBANKA_061870	0.096	0.6675	0.0875	0.0319	0.1045	0.4617	0.0767	0.0966	0.1961	0.0611	-0.3843	0.5186
PBANKA_103720	0.3971	-0.7972	0.1016	0.6777	0.4961	0.0589	0.2378	0.3756	0.0564	0.0152	0.0592	0.5367
PBANKA_146490	-0.5684	-0.1453	-0.3452	-0.1004	-0.2947	-0.1956	0.3556	0.4777	0.0932	0.6042	0.2218	-0.1072
PBANKA_080330	-0.2611	-1.5073	-0.2538	-0.6441	-0.5546	-0.6327	-0.6792	-0.8853	-0.5377	-0.6575	-0.5859	-0.381
PBANKA_113880	0.3435	-0.1738	-0.1238	-0.1778	-0.1129	-0.2271	0.1931	-0.1102	0.3621	0.6573	0.2051	-0.177
PBANKA_010140	0.354	1.0435	-0.3559	-0.477	0.1658	-0.3302	-0.3492	-0.2783	-0.5004	-0.5319	-0.4824	0.5187
PBANKA_121200	-0.1273	-0.303	-0.0229	0.43	0.3006	0.4003	0.2473	0.4142	0.4496	0.1315	-0.3635	-0.0762
PBANKA_143520	-0.2263	0.0542	0.006	-0.0225	-0.444	-0.0874	0.1429	0.285	0.4461	0.7181	1.8478	0.5457
PBANKA_111450	0.4692	0.3396	-0.0013	0.1474	-0.1902	0.6599	-0.1529	0.2353	0.0492	-0.0015	-0.214	0.2681
PBANKA_040120	-0.1083	-0.0575	0.0505	0.1496	-0.0125	-0.162	-0.2506	0.0906	0	0.2178	-0.3317	-0.3208
PBANKA_113220	0.7016	0.5134	0.7346	0.5484	0.3666	0.7353	0.317	0.3188	-0.2103	-0.0114	-0.5808	-0.2441
PBANKA_103040	0.5455	-0.0203	-0.117	-0.2446	-0.2025	-1.7461	-0.1367	0.2648	0.2287	0.5938	0.0646	0.2028
PBANKA_040850	-0.5131	-0.2426	-0.0432	-0.0701	0.1175	1.0498	0.2824	0.5118	0.4328	0.271	-0.2189	0.1268
PBANKA_031100	-0.2431	0.674	0.0759	-0.0902	-0.1025	-0.8987	-0.0738	0.2178	-0.1507	-0.0067	0.1611	0.1417
PBANKA_134750	-0.047	-0.0354	0.4234	-0.474	0.5049	-0.2608	0	0.4474	0.0856	0.2724	0.5078	0.0959
PBANKA_111010	-0.1855	0.0174	0.4597	0.2884	0.1213	0.0636	0.29	0.0917	0.1573	0.2157	0.2521	0.2847
PBANKA_094330	-0.0811	0.1977	-0.2164	-0.4248	-0.1822	-0.0396	-0.4077	-0.1882	-0.609	-0.6357	-0.9622	-0.527
PBANKA_061560	-0.0762	0.7455	-0.0653	-0.3693	0.2219	0.3585	-0.1892	-0.159	-0.5329	-0.3136	-0.4677	-0.2307
PBANKA_134430	-0.3474	-0.7054	-0.4238	0.0723	-0.3608	0.1852	0.243	0.3635	0.2579	0.1621	0.0242	-0.1374
PBANKA_021250	-0.1389	0.3685	0.4033	0.1303	0.206	0.7364	0.2675	0.0976	-0.3549	-0.3885	-0.7888	-0.516
PBANKA_136160	0.0305	-0.043	0.0216	0.3126	-0.02	-0.0717	0.408	0.3405	0.3861	0.3757	0.6223	0.4043
PBANKA_103540	-1.1588	-1.4663	-1.2636	-0.6922	-0.5663	-0.1659	0.2641	0.7579	0.9774	1.03	0.3405	0.4132
PBANKA_090150	0.3348	-0.3936	-0.0955	0.1853	0.1991	0.7427	0.0291	-0.2212	-0.0302	-0.0504	-0.2916	-0.1982
PBANKA_091850	-0.4146	-0.8926	-0.6217	-0.1191	-0.1676	-0.0067	-0.1092	0.0369	0.018	-0.0463	0.3941	-0.4489
PBANKA_134690	-0.4104	0.0072	-0.1038	-0.1318	-0.2469	-0.8132	-0.0395	0.0902	0.18	0.1421	0.7354	0.9616
PBANKA_052100	-0.208	0.3733	0.3098	-0.1407	0.0396	-0.8072	-0.011	-0.0128	-0.3695	-0.1215	0.3051	0.0663
PBANKA_092970	-0.0242	-0.1366	0.1429	0.1989	0.0654	0.3041	-0.0237	0.2242	0.1586	-0.3669	-0.3253	-0.414
PBANKA_112610	0.3482	0.1272	-0.0056	-0.1241	0.1044	-0.2235	0.1248	0.055	-0.2027	-0.3847	-0.4166	-0.354
PBANKA_090350	-0.269	-0.1258	-0.4793	-0.0944	-0.0438	-0.556	-0.2045	-0.0391	-0.1814	0.1573	0.4251	-0.1156
PBANKA_141770	-1.1659	-0.6236	-0.3559	0.0952	-0.0722	-0.3426	0.1626	0.231	0.4385	0.6586	-0.6384	-0.0832
PBANKA_132900	-0.4551	-0.2616	-0.2178	-0.3076	-0.0391	-0.5728	0.2101	0.2791	-0.1393	0.0598	-0.3556	-0.3602
PBANKA_082900	0.0901	0.6404	0.039	-0.1923	0.1734	-1.1482	-0.2074	-0.0306	-0.3764	-0.2885	-0.2178	-0.1953
PBANKA_124530	-0.1333	-0.0223	0.2273	-0.1411	0.135	-0.5382	-0.0092	0.2416	0.4452	0.2955	-0.2523	-0.1452
PBANKA_092730	-0.0455	-0.1482	-0.4086	-0.5972	-0.3332	-0.6579	0.293	0.4555	0.5231	0.4181	0.1169	-0.2187
PBANKA_144930	-0.1041	-0.2496	-0.0323	-0.121	-0.1358	-0.1328	-0.0283	-0.0704	0.3409	0.2112	0.423	0.6485
PBANKA_083250	-0.4993	-0.6231	-0.5036	-0.7256	-0.1023	-0.5296	0.6295	0.464	0.8402	0.6922	-0.1383	-0.1016
PBANKA_082400	0.4259	0.2523	0.3716	1.2215	-1.2994	1.0912	0.3781	0.277	0.1764	0.0252	-0.6689	0.7985
PBANKA_050500	-0.2243	-0.3791	-0.2005	0.0546	-0.1495	-0.299	0.1893	0.0931	-0.0152	0.0927	-0.7722	-0.0727
PBANKA_122940	-0.0539	-0.2836	-0.2674	0.0264	0.1642	0.8109	0.1343	0.3924	0.3019	0.5475	0.5222	-0.0846
PBANKA_121040	-0.7227	-0.3329	-0.4618	-0.348	-0.2877	-0.369	-0.1118	0.2204	-0.1332	0.3023	-0.4787	-0.2785
PBANKA_040270	-0.6128	0.0255	-0.6387	-0.7605	-0.4461	-0.4125	-0.6885	-0.2644	0.1481	0.6449	1.0654	1.2116
PBANKA_083030	-0.2239	-0.5614	-0.0539	0.5917	-0.3817	-0.631	-0.0708	0.2613	0.8447	0.6366	0.3735	1.7108
PBANKA_060100	0.4024	0.2952	0.0003	-0.0201	0.1147	-0.1523	-0.0083	0.2018	-0.1981	-0.1601	-0.4193	-0.4154
PBANKA_146150	-0.023	0.1819	-0.0802	0.0888	0.4519	-1.0721	0.42	0.4494	0.1676	0.0219	-0.204	0.3751
PBANKA_103680	0.1722	0.228	0.0789	-0.2378	0.1449	-0.4056	-0.1523	0.0609	-0.3478	-0.3339	-0.3541	-0.6314
PBANKA_123020	0.2334	-0.4066	0.5071	-0.5381	-0.2486	0.3032	0.0599	0.655	0.1391	0.1423	0.9732	0.1851
PBANKA_136220	-0.1414	-0.0827	-0.0921	-0.0774	-0.3632	0.2345	-0.202	-0.0984	0.1944	-0.18	-0.2486	-0.4243
PBANKA_051730	-0.1421	0.0991	-0.0605	-0.7085	-0.383	-0.7575	0.2804	0.0353	0.4148	0.3604	-0.0482	-0.0113
PBANKA_112520	-0.1323	-0.0619	-0.3289	-0.1789	-0.0906	-0.0849	0.1886	0.5022	0.2813	0.317	-0.0919	0.1283
PBANKA_103890	-0.3259	0.2293	0.0486	-0.0069	-0.2289	-0.7897	0.157	0.4434	-0.1084	0.1808	-0.2292	0.0854
PBANKA_101020	0.1074	-0.6914	-0.3033	-0.294	-0.2261	-0.2999	-0.3169	-0.6074	-0.4184	-0.0051	0.5168	0.2404
PBANKA_030670	-1.1362	-0.8908	-0.9901	-1.4791	-0.8247	-1.1991	0.1737	-0.9369	-0.4129	-0.2047	-1.1956	-0.2488
PBANKA_090770	-0.4688	-0.4257	-0.41	-0.4097	-0.4509	-0.6271	0.2616	0.5288	0.4928	0.3739	-0.093	-0.191
PBANKA_100920	-0.3659	-0.1238	-0.0994	0.0664	0.1844	0.1144	0.0944	0.3783	0.8878	1.2957	0.1591	0.675

PBANKA_141680	-0.4002	-0.2261	-0.2897	-0.0312	-0.0199	0.1467	0.1562	0.2403	0.0905	0.1501	0.1268	-0.1358
PBANKA_071270	-0.3119	-0.1892	-0.3338	0.0438	-0.1888	0.251	-0.0081	0.069	0.4831	0.5458	1.094	-0.3209
PBANKA_133650	0.0757	0.2589	0.1241	-0.0221	0.1052	-0.3141	0.1667	0.1891	0.1077	-0.158	-0.1707	-0.3889
PBANKA_132240	-0.1715	-0.0947	-0.187	-0.348	0.2729	0.1558	0.2321	0.0826	-0.0142	-0.1965	0.0421	-0.5286
PBANKA_140260	0.0513	0.4129	-0.3733	-0.2693	0.1478	-0.1627	-0.0085	0.3713	0.0906	0.0125	0.1226	0.0372
PBANKA_123320	-0.2579	0.3706	-0.6319	-0.509	0.0073	-0.8169	0.0505	0.1871	0.3138	0.4178	-0.378	1.2318
PBANKA_143030	0.0124	-0.2733	-0.6077	-0.283	0.2751	-0.9118	-0.3972	-0.0548	0.6344	0.5504	0.4872	1.5438
PBANKA_051220	0.2035	0.3604	0.2336	0.019	0.3217	0.2244	-0.2829	-0.4137	0.1353	-0.0105	0.3544	0.2323
PBANKA_082920	-0.6869	-0.7874	-0.4641	-0.5569	-1.6868	0.621	0.63	0.1092	0.4278	0.3634	-0.3591	-0.2337
PBANKA_130860	0.1616	0.8589	0.5959	-0.0437	0.4752	-0.111	-0.9287	-1.5009	-1.2736	-1.4417	-1.0289	-0.8542
PBANKA_061180	0.3922	0.6318	0.5041	-0.6433	-0.7399	0.5756	0.4076	0.2663	0.3126	0.121	-0.1999	0.2611
PBANKA_090390	-0.7269	-0.4467	-1.4197	-0.8019	-0.7837	-0.2797	-0.9159	-0.9347	-1.1614	-0.7334	-0.5089	-0.6491
PBANKA_103130	-0.5103	-0.4265	-0.6335	-0.3434	0.2855	-1.2899	-0.1682	-0.4037	-0.1463	-0.2176	-0.3578	-0.2396
PBANKA_091590	0.6065	0.5433	1.4969	0.204	-1.2352	0.6402	-0.0778	-0.1873	0.524	0.7301	1.0487	0.705
PBANKA_052450	-0.3497	-0.1049	-0.3338	0.2677	-0.2918	-0.17	0.2037	-0.1582	0.4893	0.9124	0.8937	0.7181
PBANKA_144440	-0.1494	-0.2833	-0.1785	-0.0877	0.0226	0.4241	0.5812	0.33	0.238	0.2096	-0.5489	-0.1736
PBANKA_131940	-0.2273	0.2611	-0.0943	0.2174	-0.0475	0.128	0.1177	0.2513	0.1555	0.5457	0.6152	-0.3647
PBANKA_100450	-0.066	0.0587	0.3212	0.0864	-0.0065	-0.7649	0.2641	-0.0007	-0.1474	0.2623	-0.0437	0.166
PBANKA_052010	0.0327	0.1392	-0.0448	-0.0992	0.2311	-0.4671	0.0981	-0.1197	0.4759	0.2462	0.5293	0.4238
PBANKA_081830	0.0214	-0.1285	-0.3639	-0.1327	-0.0652	0.827	0.0074	0.3746	0.6392	0.2407	0.4483	-0.1746
PBANKA_082960	0.35	0.0619	0.1774	1.1338	0.2723	-0.6561	-0.2454	0.2919	-0.1565	-0.096	-0.2809	0.6867
PBANKA_030600	-0.129	0.8215	-0.0914	-0.2322	0.1297	-0.0464	-0.1147	-0.1151	0.238	0.1391	0.2563	0.7372
PBANKA_100280	0.4088	0.6644	0.1166	0.3699	-0.4622	-0.0227	0.0911	-0.2115	-0.6515	-0.1469	0.1744	-0.0697
PBANKA_132510	-0.1629	-1.1954	-0.2664	-0.1271	-0.0834	-0.3631	-0.2078	-0.2528	-0.0692	0.0681	-0.0303	0.6973
PBANKA_141160	0.3165	1.3404	-0.2673	-0.2158	0.1746	0.0754	0.1756	0.3862	-0.1424	-0.0061	0.1623	0.1959
PBANKA_020900	-0.1422	-0.1051	-0.2819	-0.2639	-0.1083	0.1107	-0.0658	0.0755	0.1838	0.3343	0.2936	-0.0061
PBANKA_061670	-0.1671	0.1739	-0.4963	-0.204	-0.148	-0.6022	-0.1237	-0.0699	0.2009	0.2258	0.6137	0.5963
PBANKA_093160	-0.0227	-0.4043	-0.1976	-0.4855	0.0156	-0.9006	-0.0724	0.1409	0.0539	0.162	-0.513	-0.3602
PBANKA_101820	0.0132	-0.2524	-0.4216	-0.1169	-0.0354	-0.1866	-0.4421	0.1098	0.4656	0.699	1.6505	1.242
PBANKA_071470	0.2991	0.528	-0.0606	0.0231	-0.0904	-0.3705	-0.0013	-0.0765	-0.0967	-0.0385	0.1739	0.2744
PBANKA_052150	-0.3057	-0.0209	0.1763	0.1327	-0.1885	0.4875	0.0994	0.2934	0.4097	0.4523	0.7922	0.4024
PBANKA_121830	-0.1141	-1.3869	-0.0922	0.0461	-0.0721	-0.2676	-0.3219	-0.1583	0.7195	0.6287	0.6876	1.7465
PBANKA_112410	0.4895	0.3208	0.1	0.4114	-0.1572	-0.1384	-0.1575	0.046	0.2207	0.5765	-0.1174	0.5878
PBANKA_081090	-0.1218	0.5895	0.4258	-0.2257	-0.2629	-0.0723	0.2535	-0.2478	-0.1145	-0.0738	0.0444	0.7856
PBANKA_082450	-0.0317	-0.5025	0.2399	-0.1093	-0.0062	0.4641	0.5921	0.5056	0.3608	0.151	-0.4656	-0.4127
PBANKA_131970	0.1428	-0.2211	-0.0332	-0.1969	-0.0579	-0.1115	0.1452	-0.3549	0.3491	-0.1432	-0.4204	-0.5087
PBANKA_144900	-0.215	-0.3388	-0.019	0.2953	0.2068	-1.2562	0.0579	0.2009	0.6813	0.6879	0.6601	1.7496
PBANKA_051330	0.128	-0.5657	-0.2005	-0.2446	-0.1004	-0.1827	0.0325	-0.0202	0.0642	-0.2183	-0.6202	-0.1187
PBANKA_103770	0.1538	0.3711	0.1018	-0.1782	-0.3202	-0.2926	-0.127	-0.6001	-0.5382	-0.4962	-0.3497	-0.6376
PBANKA_031200	-0.4593	-0.1697	-0.5124	-1.0174	-0.5633	-1.1907	-0.3581	-0.2048	-0.1317	0.0664	0.1585	0.4296
PBANKA_112970	0.076	-0.2458	-0.2745	-1.9349	-0.0783	-0.1716	0.1545	0.1735	0.2187	0.3376	0.9331	1.4056
PBANKA_060200	0.0694	0.1998	0.2525	-0.2278	-0.5525	0.3089	0.1869	0.0439	0.1453	0.0487	-0.2255	0.411
PBANKA_090210	0.0234	-1.2077	-0.02	-0.1652	0.0398	-1.2397	0.0677	0.0279	0.3525	0.5977	0.2241	-0.3597
PBANKA_040690	0.0489	-0.4117	-0.0972	-0.421	0.0078	-1.1811	0.3666	0.3287	0.3909	0.5509	0.3475	0.0062
PBANKA_122510	0.4732	0.2731	-0.2251	-0.9339	0.1611	-0.6419	-0.0552	0.1191	0.0012	0.1129	-0.1528	-0.1978
PBANKA_130900	-0.5303	0.2322	-0.0239	-0.5913	-0.052	-0.1278	0.2182	0.0186	0.2039	0.0669	0.8541	1.025
PBANKA_131070	-0.1456	0.12	-0.1054	0.4532	-0.0623	0.5086	0.3563	0.2326	0.1635	0.1503	-0.0459	0.2486
PBANKA_136000	-0.1458	0.5263	-0.4272	-0.7934	0.0738	0.3669	0.4024	0.306	0.0321	0.0811	0.0982	-0.2883
PBANKA_102280	0.4348	1.0531	0.1262	0.1011	0.1404	-0.0692	-0.1689	-0.2309	-0.3964	-0.3189	-0.3292	-0.4825
PBANKA_141240	-0.4616	0.8949	0.1673	0.3434	0.0123	0.2582	-0.1966	-0.4358	-0.1375	0.0536	1.0469	-0.0918
PBANKA_083160	-0.1046	0.0394	-0.1761	0.3751	-0.0465	-0.2459	-0.1264	0.0978	0.2788	0.4967	-0.4283	0.3757
PBANKA_131450	0.4278	0.1607	0.2957	0.4039	0.2056	-0.4861	-0.3402	-0.258	-0.5767	-0.7785	-0.2875	-0.112
PBANKA_132380	-0.001	-0.0988	-0.0807	-0.0976	0.0682	0.0582	-0.1854	-0.4247	-0.0529	0.2037	0.4077	0.2918
PBANKA_131660	0.2152	0.2406	0.2747	0.3089	-0.3676	0.2878	0.0875	-0.0534	0.0218	-0.1848	-0.7523	-0.2941
PBANKA_143660	-0.6451	-0.2862	-0.6301	-0.9272	-0.6554	-0.3001	-0.2177	-0.0666	-0.5651	0.2887	0.6315	1.1658
PBANKA_100900	-0.009	0.3277	0.1132	0.8315	0.0919	0.1248	-0.1382	-0.1311	-0.3784	-0.044	-0.507	-0.372
PBANKA_121970	0.6255	0.0408	-0.1263	0.2327	-0.0648	0.0922	0.0393	0.1995	0.4703	0.4783	0.2758	-0.0863
PBANKA_031230	0.2915	-0.1823	0.2998	0.4017	0.8023	0.367	0.2497	0.4303	0.5911	0.087	-0.2999	-0.3581
PBANKA_144260	0.7237	0.8001	0.6338	0.1513	0.4555	0.2578	-0.1298	0.0014	-0.109	-0.1907	-0.2229	-0.0706
PBANKA_021330	-0.178	-0.7473	-1.2072	-1.1146	-0.8497	-1.4796	-1.2869	-1.2602	-1.6043	-1.3955	-0.8015	-0.8904
PBANKA_081150	0.4081	0.2615	-0.0907	-0.5709	0.3584	0.4139	-0.2917	-0.3027	-0.1714	-0.2074	-0.7642	-0.1265
PBANKA_145390	0.0766	-0.0253	-0.3716	-0.4134	-0.0464	0.4545	-0.0148	-0.038	0.3014	0.4983	1.431	1.5427
PBANKA_135540	-0.177	-0.1644	-0.053	-0.2231	0.009	-0.0613	0.1548	-0.2289	-0.4642	-0.3311	-0.4005	-0.4901

PBANKA_131510	0.083	-0.0238	-0.0621	-0.6813	-0.1447	-0.3419	-0.0884	-0.5167	-0.3398	-0.1282	-0.3876	-0.0687
PBANKA_111040	-0.2487	0.1123	-0.2501	-0.4564	-0.1728	-0.5994	-0.0886	-0.1227	0.2456	0.3951	0.126	0.4099
PBANKA_020450	-0.149	0.6653	-0.1343	-0.0129	-0.0452	-0.6855	-0.1245	0.451	0.1049	0.7457	0.1072	0.8825
PBANKA_060120	-0.0646	-0.2884	-0.1433	-0.2834	-0.4747	-0.4889	-0.1182	-0.1152	0.8853	0.3522	0.5076	0.6823
PBANKA_124500	0.052	0.4299	0.1975	-0.0261	#####	0.3796	-0.0349	-0.389	-0.0856	-0.1788	-0.073	0.0307
PBANKA_101090	-0.3753	-0.0087	-0.0889	-0.386	-0.0013	0.1127	0.161	0.2083	-0.3253	-0.1266	-0.2271	0.2589
PBANKA_135390	0.3936	0.2613	-0.0115	-0.0022	-0.2052	-0.6913	0.4014	0.1058	0.2019	0.2482	0.6085	0.8565
PBANKA_041250	-0.128	-0.1851	-0.2193	0.3134	0.0611	0.2631	0.0098	0.2829	0.3262	0.6462	-0.1322	-0.386
PBANKA_070300	0.2396	-0.0068	0.4468	-0.0894	-0.0924	1.2728	0.156	0.1256	0.3809	0.1617	-0.0769	0.1966
PBANKA_143430	0.1487	-1.1419	-0.2136	-0.3338	-0.9012	0.0826	0.1171	-0.3197	-0.0582	0.1543	-0.0125	0.0734
PBANKA_082630	1.2013	-0.2915	0.5511	0.8827	0.4191	0.9038	0.2213	-0.0098	0.0798	-0.6107	-0.0957	-0.1058
PBANKA_114180	0.1727	0.373	0.2486	0.2869	0.0998	-0.1906	-0.3329	-0.2848	-0.3822	-0.4294	-0.4993	-0.3037
PBANKA_071640	-0.2357	-0.6481	-0.2025	-0.1111	-0.2199	-0.5336	0.0362	0.247	-0.2931	0.0632	-0.0242	0.1796
PBANKA_141280	-0.1221	-0.6932	-0.1237	0.1569	0.0791	-1.1599	-0.1327	0.106	-0.3464	-0.224	-0.3939	-0.4663
PBANKA_083080	0.3907	0.882	0.2882	-0.0012	-0.0467	0.4234	-0.1944	0.6553	-0.1186	0.0594	0.0745	0.3369
PBANKA_041810	-0.3395	-0.3694	-0.494	-0.3822	-0.1556	-0.4178	0.3131	0.3079	-0.2704	0.3437	-0.0259	0.1182
PBANKA_080690	0.6153	0.4966	-0.0134	0.5826	-0.0652	0.1582	0.166	0.2901	-0.3871	-0.0393	0.6582	-0.0066
PBANKA_100580	0.1076	-0.032	-0.0116	0.082	-0.0873	-0.3636	0.0806	-0.1693	0.5524	0.8363	1.3328	0.3633
PBANKA_124240	-0.2689	-0.1065	-0.0783	0.0435	0.3504	0.0355	0.0315	0.1064	-0.1369	0.075	-0.0553	-0.1167
PBANKA_061060	-0.1707	0.0795	0.2297	-0.1245	0.0221	0.6244	-0.1423	0.1786	0.2617	-0.1638	0.0714	0.3972
PBANKA_091310	-0.0101	0.5196	-0.2379	-0.1683	0.1937	-0.5316	-0.1213	-0.2481	-0.1504	-0.1903	-0.312	-0.3636
PBANKA_103460	0.3113	0.0287	0.0962	-0.2305	-0.0889	-0.154	0.3273	0.5543	0.2817	0.1905	0.0382	0.1618
PBANKA_071000	-0.1257	-0.2411	-0.0046	0.646	0.3229	0.3532	0.1709	0.1432	0.0611	0.129	0.133	-0.4917
PBANKA_091460	0.1489	0.2444	0.2288	-0.0374	0.0444	-0.2611	0.0924	0.3241	0.065	0.107	-0.237	-0.3442
PBANKA_040740	-0.2569	0.0147	0.022	0.38	0.0654	0.4744	0.3165	0.2648	0.233	0.3422	0.2948	-0.0813
PBANKA_103080	0.0111	1.212	0.0404	0.2342	0.0762	-0.432	0.0454	-0.4465	0.0073	0.1198	0.4072	0.4479
PBANKA_040510	0.0479	0.2111	0.3175	0.4489	0.1586	0.8568	0.1435	0.0978	0.3454	0.257	-0.0187	-0.2861
PBANKA_133470	-0.3032	0.0347	-0.0353	-0.1231	-0.0764	-0.421	0.0663	-0.1501	0.0601	0.2359	0.3017	1.0614
PBANKA_062030	-0.0698	-0.6592	0.1211	0.1413	0.0059	-0.1116	0.3062	-0.1163	0.0665	0.409	0.3564	0.6947
PBANKA_122410	-0.0781	-0.0861	0.0661	-0.1752	0.1032	0.6797	0.147	0.1836	0.1498	0.1674	0.18	0.0034
PBANKA_100340	-0.0491	-0.027	-0.0575	-0.547	-0.3933	-0.8881	-0.3801	-0.2433	0.2433	0.0617	0.0343	-0.0886
PBANKA_130070	-0.0733	-0.2371	0.2249	-0.3457	0.0511	0.1044	0.0706	0.0974	0.5205	0.4565	0.2598	1.3204
PBANKA_100290	-0.3478	-0.9848	-0.1068	0.3997	-0.1376	0.2346	0.3439	0.1885	0.5736	0.4397	0.5075	0.4982
PBANKA_071130	0.1647	-0.1458	-0.3467	-0.4565	-0.2755	-0.2083	0.1425	0.4139	0.3432	0.3723	-0.2882	0.1607
PBANKA_145910	-0.1409	0.2452	-0.0379	-0.1704	0.0703	-0.2797	0.0154	0.2973	0.2564	0.3768	0.1159	0.4174
PBANKA_102670	-0.2076	-0.0077	-0.07	0.3454	0.3234	0.6502	0.2007	0.1607	0.5112	0.3723	0.2597	0.491
PBANKA_102540	-0.1385	-0.1541	-0.1969	-0.0715	-0.1343	0.0872	0.2072	0.107	0.0923	0.2648	0.1508	0.0332
PBANKA_060520	0.4825	0.8038	0.1502	-0.0958	0.0275	-0.0498	0.0278	-0.1208	-0.4446	0.3279	0.2065	0.2996
PBANKA_130710	-0.3857	-0.1703	-0.3975	-0.6779	-0.3301	-0.6931	-0.2434	-0.4162	-0.1101	-0.4662	-0.4351	0.0305
PBANKA_144610	-0.0356	-0.7841	-0.1613	-0.133	0.2018	-0.3586	0.0514	0.1603	0.1309	0.2057	0.4343	0.2287
PBANKA_143990	0.1778	0.1087	0.0504	0.2875	-0.021	0.0666	0.3106	0.2285	0.2142	0.088	0.1987	0.5835
PBANKA_090950	-0.2047	-0.1304	-0.257	-0.5257	-0.2008	-0.4654	-0.3013	-0.0218	0.3659	0.2238	1.0872	0.288
PBANKA_134520	-0.2753	-0.2132	0.0151	0.0757	-0.1482	0.1417	0.4945	0.2569	-0.2324	-0.3236	-1.0941	-1.4155
PBANKA_133280	-0.2262	-0.0044	-0.2771	-0.5912	-0.2152	-0.3752	-0.0898	-0.1142	-0.5207	-0.006	-0.4205	0.2003
PBANKA_091330	-0.2443	-0.2593	-0.5048	-0.7314	-0.1889	-0.9099	-0.0034	0.3354	-0.4878	-0.2805	-0.4731	-0.5457
PBANKA_120670	-0.0784	0.4192	-0.0214	-0.309	-0.54	0.1396	-0.2493	-0.129	-0.1201	-0.2001	-0.3152	0.2395
PBANKA_101360	-0.1748	-0.3422	-0.1345	-0.0267	0.1706	0.0782	0.1373	-0.0742	0.0257	0.0334	0.1584	0.0167
PBANKA_050310	-0.3151	-1.2823	-0.2488	-0.2343	-0.1755	-0.5887	-0.3988	-0.8065	-0.3397	-0.5113	0.4403	-0.5227
PBANKA_140930	-0.0561	0.422	0.0007	0.0162	-0.1884	-0.284	0.0049	-0.4239	-1.0693	-0.0521	0.1101	0.4443
PBANKA_112470	-0.3149	0.1716	-0.0669	-0.0299	-0.315	-0.7772	-0.109	0.0318	0.2832	0.0062	-0.3882	0.5328
PBANKA_134880	-0.3512	-0.7037	-0.4884	-0.4211	-0.3709	-0.2997	-0.4065	-0.9265	-0.159	-0.0923	0.1189	-0.0376
PBANKA_071820	0.0788	0.4598	0.0226	0.0853	-0.1131	-0.0404	0.1997	0.4363	0.3166	0.2128	0.3988	0.0014
PBANKA_031130	-0.279	0.1606	-0.1721	0.3171	-0.1275	0.0388	0.0728	0.0645	-0.3667	-0.1393	0.5606	0.6979
PBANKA_134250	-0.284	-0.4163	-0.4082	-0.2391	-0.2848	-1.0329	-0.559	0.1394	0.7846	0.6575	0.9596	0.4905
PBANKA_103440	0.3648	0.4487	0.6451	0.382	0.463	0.1026	-0.6805	-0.8109	-1.0722	-1.2331	-0.8689	-0.745
PBANKA_050440	-0.4285	-0.2344	-0.8461	-0.8017	-0.2867	-0.7239	-0.2364	-0.5481	-0.4183	0.1311	-0.8944	0.8362
PBANKA_011220	-1.0683	-0.7803	-1.1786	-1.0148	-1.1245	0.0261	0.0743	0.5171	1.1004	1.2507	1.4443	0.8381
PBANKA_110630	0.3654	0.6871	-0.0468	-0.2968	0.2782	-0.2329	-0.0178	0.0554	-0.0594	-0.2584	0.2825	0.4958
PBANKA_030620	0.1541	-0.0791	0.1771	0.3666	0.2539	0.1045	-0.0986	0.0715	0.3488	0.2424	0.2545	0.1687
PBANKA_135490	0.3057	0.3636	-0.3773	-0.1164	-0.2214	-0.2156	-0.1954	-0.3559	0.1726	0.2957	0.8867	0.9421
PBANKA_093830	-0.0769	0.4725	0.0485	0.1402	0.0988	0.284	0.0327	0.2477	-0.1606	-0.2636	-0.1861	-0.9781
PBANKA_113980	-0.0928	-0.4524	0.3582	0.1409	0.1213	-1.2268	0.2118	0.1237	0.6805	0.6024	0.6655	1.4852
PBANKA_061700	0.0499	0.1972	-0.0065	0.028	0.0687	-0.4996	0.1152	-0.1141	0.1442	0.3844	0.7126	0.6473

PBANKA_040200	-0.2237	-0.2948	0.0482	-0.2268	0.0088	-0.0276	0.0186	-0.0514	0.0551	0.1144	-0.3449	-0.1506
PBANKA_090610	0.2272	-1.1782	-0.0181	0.0741	0.0721	0.068	0.0221	0.233	0.4322	0.4682	0.2838	0.0042
PBANKA_050650	-0.024	-0.3681	-0.202	-0.1354	0.4517	-0.0912	-0.0104	-0.5456	-0.384	-0.3666	-0.5111	-0.5693
PBANKA_050860	-0.0384	-0.8125	0.7999	0.3418	0.1738	0.4155	0.2743	0.3053	0.2157	0.3147	0.2466	0.1625
PBANKA_112100	-0.3425	-0.1324	-0.3011	-0.4059	-0.1291	-0.2865	0.0448	0.0446	0.4812	0.422	0.2929	0.6981
PBANKA_052210	0.3815	-0.7145	0.3039	0.1051	-0.2732	-1.0734	0.2689	-1.8022	-0.4456	0.1611	-0.1747	-0.32
PBANKA_093900	-0.0458	0.0994	-0.1341	-0.5099	-0.3059	-0.2911	-0.2659	-0.0023	0.4379	0.4304	0.7797	0.2106
PBANKA_082550	-0.1494	-0.0186	-0.3152	0.4728	0.2565	1.0068	0.1998	0.3123	0.4625	0.5612	0.6167	1.0067
PBANKA_041760	-0.1415	-0.4929	-0.2974	-0.325	0.0823	-0.1613	-0.5829	-0.4033	-0.1372	0.131	-0.0552	0.7952
PBANKA_050280	-0.0518	0.5282	0.2419	-0.0914	-0.2395	-0.1525	-0.3264	0.0199	-0.135	0.0185	0.5459	1.0026
PBANKA_103360	0.0372	-2.2301	0.088	0.2186	0.2887	0.1215	-0.0454	-0.3743	-0.1937	-0.0789	-0.0783	0.5012
PBANKA_131220	0.3007	0.3576	0.5223	0.4683	0.256	0.4398	0.2796	-0.1319	-0.31	-0.7846	-0.3697	-0.7712
PBANKA_101110	0.6052	0.8538	0.5811	0.1268	0.715	0.7225	0.0599	0.1575	0.6335	0.7904	1.8835	0.8182
PBANKA_113560	0.1067	-1.0101	-0.4789	-0.074	0.1267	-0.4179	-0.3166	-0.4837	-0.6003	-0.3663	-0.6688	-0.2438
PBANKA_136190	0.0418	-0.4762	0.15	0.3488	0.354	0.556	0.4322	0.1276	0.1997	-0.4802	-0.5308	-0.7768
PBANKA_110290	0.0404	0.0111	-0.2421	-0.0487	0.348	-0.428	0.1936	0.6109	0.0236	0.5068	-0.3429	-0.2534
PBANKA_051350	0.5875	0.1092	0.2356	0.3364	0.1404	-0.5989	-0.152	0.4051	0.4024	0.0079	-0.1953	0.1984
PBANKA_071430	-0.1808	-0.3711	-0.3691	-1.6283	-0.9826	-0.7891	-0.2634	-0.1444	-0.5291	-0.6807	-0.237	0.2095
PBANKA_081940	0.2953	-0.8206	-0.0785	0.0068	0.0721	-0.0727	0.098	-0.0748	-0.2946	-0.0868	-0.0689	-0.2786
PBANKA_114220	0.2967	0.3153	0.209	0.2979	0.1023	0.3716	-0.1868	-0.2647	-0.077	-0.0898	0.3548	0.1172
PBANKA_141870	-0.0846	-0.6858	-0.3371	0.2342	0.3939	-0.2279	0.2099	-0.2661	-0.203	-0.3053	-0.1476	-0.6141
PBANKA_050130	-0.3895	-0.0777	-0.0536	-0.2111	0.3349	0.5511	0.1493	0.0245	-0.0296	-0.1872	0.0129	0.0114
PBANKA_103530	-0.1242	0.6622	0.2028	0.2416	0.2595	0.2339	-0.3627	-0.3994	-0.3387	-0.3954	-0.2387	-0.7015
PBANKA_092690	0.1107	-0.1724	0.1881	0.0151	0.2906	0.3645	0.2222	0.3555	0.5274	0.5086	0.3683	0.1812
PBANKA_130080	-0.2261	-0.4059	0.0114	-0.309	0.1151	-0.3391	0.0233	0.1477	-0.0012	0.1219	0.3414	0.0094
PBANKA_135340	0.0185	-0.4601	0.4644	0.3427	-0.0323	0.6918	0.1893	-0.0578	-0.0879	-0.1203	0.2175	0.0959
PBANKA_010420	0.0648	-0.4501	-0.1158	0.4862	-0.0215	-1.4694	-0.5838	0.5402	0.9954	0.9656	0.4285	1.7156
PBANKA_041730	-0.185	-0.3026	-0.3621	-0.6762	-0.2314	-0.5839	-0.366	-0.4859	-0.4807	-0.4844	-0.7206	-0.4698
PBANKA_133040	0.3915	0.4285	0.2324	1.0435	0.0569	0.4951	-0.1837	-0.0005	-0.0667	-0.2577	-0.2431	-0.3459
PBANKA_100990	-0.5201	-0.004	-0.7503	-0.5877	-0.3482	-0.8098	-0.6308	-0.2919	0.2734	0.2707	1.0702	1.3957
PBANKA_010250	0.4875	-0.5345	-0.1241	0.2603	0.1965	0.3838	-0.4131	-0.0446	-0.1955	-0.7541	-0.8895	-0.2996
PBANKA_103190	0.439	0.6956	0.2611	0.1138	0.1153	-0.4335	-0.3477	-0.4515	-0.7965	-0.7828	-0.3663	-0.3427
PBANKA_081550	0.228	0.0804	0.6106	-0.1709	0.2372	-0.9102	0.0439	0.2102	0.4024	0.0483	0.8676	-0.1896
PBANKA_060800	-0.4812	-0.2465	-0.1055	-0.34	-0.191	0.3222	0.0662	0.0826	0.1952	-0.0416	0.3958	0.0758
PBANKA_102910	0.5483	-0.1504	0.0473	-0.0467	0.6784	1.0591	0.9045	0.8651	0.8154	0.1256	-0.1214	-0.0194
PBANKA_146100	0.0438	0.8644	-0.0071	0.0833	0.0668	-0.1946	-0.5146	-0.2946	-0.1414	-0.1214	-0.3506	-0.0692
PBANKA_090040	0.2517	0.9381	0.3519	0.1685	-0.7647	0.5772	0.0992	0.1267	-0.1228	0.1298	0.1801	0.7536
PBANKA_135790	-0.5742	-0.1428	-0.6729	-0.8772	-0.8298	-0.8005	-0.4666	-1.0157	-0.545	-0.2459	0.2569	0.4132
PBANKA_082380	-0.321	-0.4252	0.0349	-0.4443	-0.1597	0.4962	0.374	-0.3154	0.507	-0.5117	-0.6989	-0.3949
PBANKA_021360	0.0627	0.3453	-0.201	-0.7131	-0.6734	-0.8509	-0.3429	0.1497	0.0181	-0.1771	-0.5167	-0.1586
PBANKA_144130	0.3835	0.7322	0.1968	-0.081	0.1112	-1.4484	0.0323	0.1931	0.0661	0.1459	0.2469	-0.0376
PBANKA_092920	-0.1631	-0.1345	-0.571	-0.231	-0.3027	-0.3043	0.3279	0.4385	0.8471	0.8458	0.3787	0.8373
PBANKA_020920	-0.3716	0.5512	0.121	-0.0446	0.4226	-0.2525	-0.1351	-0.3325	-0.4631	-0.4442	-0.364	-0.8289
PBANKA_135740	0.0096	-0.1121	-0.1151	0.5462	-0.043	0.0219	0.0926	-0.2459	-0.1813	-0.295	-0.4244	-0.8476
PBANKA_132580	0.3458	0.6091	0.0571	-0.1536	0.2531	0.1744	0.0259	0.2386	0.3758	0.196	-0.0148	0.7307
PBANKA_031400	0.4479	0.4263	0.0084	0.2949	0.1341	0.3049	-0.2383	-0.6466	-0.2089	-0.3918	-0.7499	-0.0115
PBANKA_041340	-0.5005	0.1108	-0.2821	-0.2815	-0.0059	-0.2714	-0.4906	-0.4493	-0.3223	0.027	-0.0219	0.3861
PBANKA_111510	-0.4334	-0.5145	-0.4203	0.0852	0.564	0.6769	0.4937	0.8148	0.579	0.2729	0.1724	-1.0129
berg12_28S	0.1807	0.5307	0.1575	-0.6632	0.1869	-0.4439	-0.5343	-0.0996	-0.2406	0.8433	1.3272	0.8436
PBANKA_090540	0.1868	0.4707	-0.0172	-0.1536	-0.0232	-0.1053	0.3726	0.4528	0.6984	0.6356	1.0687	0.8137
PBANKA_132420	0.0388	0.1978	-0.0515	-0.0712	0.2499	0.1947	0.1838	0.1328	0.4244	0.1972	0.5195	0.2081
PBANKA_114360	-0.0034	1.3527	-0.1705	0.0272	-0.0969	-0.4877	-0.1766	-0.2644	-0.1229	-0.1671	0.2639	0.4775
PBANKA_110410	-0.0989	-0.2249	-0.0635	-0.1493	-0.0973	-0.0302	0.1316	0.1413	0.5744	0.2453	0.928	0.8497
PBANKA_132010	-0.1379	-0.1028	-0.3119	-0.4574	-0.2544	-1.4873	-0.1375	0.3506	0.7488	0.4418	0.9543	0.8289
PBANKA_146260	-0.0388	-1.5044	0.2095	0.2913	-0.2135	-0.6112	0.2928	-0.1824	-0.42	0.0922	-0.4719	-0.2986
PBANKA_100800	0.1541	-0.1116	-0.297	0.2365	0.009	0.5861	-0.1952	-0.3997	-0.1067	-0.1961	0.355	-0.4127
PBANKA_102310	-0.5004	-0.5473	-0.1246	-0.4021	-0.0245	-0.4588	-0.3649	-1.0316	-0.4938	-0.6214	-0.8946	-0.7059
PBANKA_145090	0.2264	0.293	0.1303	-0.0301	-0.4809	0.773	0.1768	-0.0967	-0.1305	-0.1997	-0.0555	-0.2456
PBANKA_113760	-0.0251	-0.8015	-0.4206	-0.0893	0.0154	0.2718	0.486	0.1685	0.2536	0.1322	-0.2454	-0.4034
PBANKA_082470	-0.0641	0.3356	-0.0188	0.4313	-0.1536	0.1201	0.0152	0.085	-0.3771	-0.1298	0.5706	-0.0495
PBANKA_050670	-0.253	0.2403	-0.4885	-0.4252	-0.1968	0.0131	-0.3715	-0.4037	-0.4178	-0.5158	0.047	0.0575
PBANKA_060880	-0.5227	-0.2962	-0.5061	0.3759	0.3663	0.6128	0.6919	0.2482	0.9085	0.4506	0.2889	-0.01
PBANKA_082560	-0.2417	0.6376	-0.1514	-0.0422	0.1425	-0.0034	-0.155	-0.0668	0.0796	0.0678	0.061	1.1289

PBANKA_114620	0.0128	0.0716	-0.0637	0.4087	0.0772	0.7522	-0.21	0.4877	0.3108	-0.0005	0.2439	0.6062
PBANKA_050950	-0.5517	0.5543	0.4562	-0.4396	-0.1507	0.4991	0.3671	0.0064	-0.2031	-0.2477	-0.981	0.2704
PBANKA_111850	0.1919	0.2649	0.1029	-0.3492	0.0058	0.1915	0.0386	0.11	0.0979	0.1779	-0.0866	0.0188
PBANKA_134370	-0.3314	-0.1523	-0.4292	0.345	-0.3189	-0.1527	0.5845	0.1882	0.4407	0.5772	0.2253	0.3653
PBANKA_083180	-0.4811	0.2281	0.0141	-0.1087	-0.2283	-0.127	0.1362	-0.2808	-0.033	0.2953	0.3143	1.1302
PBANKA_050350	-0.2203	0.0024	-0.2042	0.0231	-0.1625	-0.1114	-0.1509	-0.0426	0.3355	0.7839	0.8595	0.8201
PBANKA_010080	0.1977	-0.7437	0.298	-0.7213	0.2764	-0.2425	0.0387	0.4299	0.4552	0.4072	1.2826	1.0126
PBANKA_090900	-0.336	-0.354	-0.3032	0.1946	-0.321	-0.9767	-0.1678	0.3571	-0.1805	-0.4305	-0.1369	-0.3282
PBANKA_141320	0.1802	0.1432	0.2357	0.4803	0.3578	0.0681	0.0463	-0.0555	0.4599	-0.0022	0.1564	-0.1207
PBANKA_145110	-0.2269	-0.253	-0.5038	0.0961	-0.0648	-0.2656	-0.2259	0.0228	0.6759	0.6102	0.5519	1.5552
PBANKA_142890	0.7072	1.1762	0.813	0.1817	0.7286	0.2939	-0.3222	0.0649	-0.3637	-0.4429	-0.7957	-0.1409
PBANKA_103000	0.1521	0.6751	-0.0876	0.3266	0.292	-0.1946	-0.2975	-0.5181	-0.7626	-0.6727	-0.2023	0.1123
PBANKA_041580	0.0327	-0.5385	-0.1035	0.2166	-0.1354	0.0404	0.1568	-0.5382	0.8532	0.4619	0.1809	0.4107
PBANKA_011030	-0.7267	-0.2959	-0.419	0.2818	0.2701	0.2521	0.7068	0.3422	0.5215	0.5578	0.0422	-0.2135
PBANKA_142590	-0.504	0.1658	-0.4165	-0.1166	-0.0097	-0.6908	0.2495	0.4927	0.3605	0.4903	0.2763	0.627
PBANKA_142170	-0.6373	-0.1215	-0.1701	-0.1064	-0.4514	-0.3678	-0.5554	0.0947	0.5043	0.574	1.2531	1.1824
PBANKA_020430	-0.1045	0.1374	0.1008	0.0135	0.332	0.6387	0.0054	0.1352	0.3599	0.1237	0.1265	0.366
PBANKA_113490	0.0294	-0.6583	-0.2096	0.0896	-0.1412	-0.2092	-0.0967	0.0171	0.2935	0.375	1.0299	0.8274
PBANKA_122760	-0.1794	-0.1694	-0.1946	-0.1405	-0.3374	-0.0617	-0.0637	0.367	0.113	0.6754	0.4334	-0.4232
PBANKA_082760	-1.1051	-0.8482	-1.6691	-2.2145	-0.5192	-1.2325	-1.0076	-1.2263	-1.4065	-1.7878	-0.9859	-0.6329
PBANKA_142630	0.3615	0.6006	-0.0086	-0.0588	0.0832	-0.0194	0.0962	0.0194	-0.1052	-0.0603	0.157	0.0523
PBANKA_113590	-0.2698	0.0279	0.1062	-0.5367	-0.3846	0.5511	0.2625	0.4004	0.0373	0.2526	-0.3424	0.3083
PBANKA_021160	-0.0175	0.4247	-0.0449	0.0158	0.8123	-1.062	0.175	-0.0365	-0.0011	-0.1965	-0.5252	-0.0597
PBANKA_120070	-0.2323	-0.1876	-0.0477	-0.0147	0.3371	-0.0388	-0.0659	-0.1009	-0.0719	-0.663	-0.4993	-0.3545
PBANKA_113460	-0.0617	-0.1356	-0.5103	-0.5467	-0.2554	-0.3307	-0.0652	0.2411	0.3143	0.1288	-1.0193	-1.007
PBANKA_082720	-0.5836	-0.2361	-0.1835	-0.4088	-0.3798	0.3213	0.3785	0.3773	0.1404	0.2053	-0.0184	0.0498
PBANKA_103790	-0.135	-0.2826	-0.2551	-0.0761	0.0395	-0.2216	-0.1118	0.0951	0.7947	0.673	1.148	0.7087
PBANKA_080770	0.111	-0.0238	-0.2751	-0.3713	0.2497	0.364	-0.0065	0.4272	0.3517	0.2942	0.1944	-0.3152
PBANKA_120810	0.889	-0.0729	0.4566	0.4708	0.2585	0.8588	0.1736	-0.3519	-0.0357	-1.4865	-0.5507	-0.278
PBANKA_020250	-0.2622	-0.8217	0.0552	0.1085	0.6667	0.5252	0.5489	-0.0693	0.5056	0.0677	-0.3579	0.1312
PBANKA_130410	-0.2123	-0.196	0.0819	0.2234	0.1391	0.3697	0.0844	0.8965	0.5863	0.4093	-0.0174	-0.2684
PBANKA_040170	0.2218	0.6049	0.1413	-0.1414	-0.2116	-0.2228	-0.0571	-0.036	-0.201	-0.0343	0.4806	0.7827
PBANKA_124300	-0.3546	-0.0481	-0.2624	-0.3921	-0.198	-0.4689	0.0246	0.5663	0.6263	0.527	-0.3352	0.3015
PBANKA_134360	0.5136	0.4395	0.0706	-0.1411	0.4177	-0.8136	-0.2166	-0.936	-0.5718	-0.335	-0.0861	-0.0867
PBANKA_140430	-0.0041	-0.661	-0.0591	0.0753	-0.0056	-0.2458	-0.329	0.2869	0.4325	0.41	0.1554	1.6893
PBANKA_061730	0.0278	0.2399	-0.1703	-0.1409	0.0169	-0.0603	0.6693	0.5915	0.4339	-0.1814	-0.5758	-0.7864
PBANKA_040290	0.0978	0.4101	-0.2766	0.4093	-0.1827	0.079	-0.2267	-0.3875	-0.1059	-0.2524	0.317	0.149
PBANKA_050300	0.3141	0.2294	0.1883	0.309	0.4909	0.4209	0.1804	0.0444	0.1195	0.1458	0.4031	1.2229
PBANKA_140130	0.364	0.2727	0.5823	0.5476	0.3572	0.3527	-0.6829	-0.8572	-0.8895	-0.688	-1.2138	-0.2268
PBANKA_050210	-0.098	0.3559	0.0521	0.1212	-0.3076	-0.9508	-0.5899	-0.4436	-0.6928	-0.3782	-0.0847	-0.3003
PBANKA_103870	-0.0443	-0.0356	-0.0698	-1.008	-0.4766	-1.2759	-0.3147	0.1536	0.1679	0.4809	-0.2951	0.3023
PBANKA_082320	0.2211	-0.1738	0.2714	0.4421	-0.0373	-0.2612	-0.1892	-0.1364	0.1875	0.2448	0.8431	1.9813
PBANKA_121720	-0.1354	-1.2314	-0.3991	-0.4255	0.582	-0.0801	-0.0356	0.4879	0.8933	0.3129	0.1735	-0.1626
PBANKA_134470	-0.3195	-0.0204	-0.2191	-0.0433	0.0689	0.4696	0.1463	0.1842	0.6963	0.7789	0.5573	0.8475
PBANKA_020530	0.0512	0.7992	0.4419	-0.157	-0.0049	0.5782	0.1111	0.1529	-0.2307	-0.3383	-0.2141	-0.6724
PBANKA_040560	-0.3644	-3.0052	-0.398	-0.0946	-0.1908	-0.2459	0.0415	0.3186	0.2558	0.3721	0.8452	0.0966
PBANKA_122320	-1.0696	-0.2775	-0.336	-0.2942	-0.2556	-0.2776	0.1495	-0.2366	-0.3976	-0.5501	-0.8098	-0.3154
PBANKA_100750	0.2198	0.5059	-0.416	-0.463	-0.2212	-1.2239	-1.0525	-0.4915	-0.1849	0.5508	1.3317	1.455
PBANKA_134090	-0.0194	0.3507	0.2506	-0.0879	0.077	0.1827	0.314	0.498	0.4091	0.1054	0.0416	0.6889
PBANKA_093150	-0.7884	-0.3164	-0.3957	-0.2527	0.1416	0.2339	0.1731	0.1281	0.4176	0.16	0.3644	-0.0157
PBANKA_133840	0.5042	0.2674	0.2087	0.093	-0.058	0.1134	-0.1813	-0.222	-1.1723	-0.7194	-0.7406	-0.9506
PBANKA_144040	0.2024	0.2047	-0.1956	0.263	-0.0854	-0.0759	-0.0029	-0.0536	0.1617	0.2656	-0.0788	0.5584
PBANKA_145140	0.4451	0.602	0.4855	0.8529	0.3971	0.3578	0.2692	-0.172	-0.2993	-0.2951	-0.4242	-0.122
PBANKA_120940	-0.3559	-0.4524	-0.3134	-0.3296	-0.1152	-0.2243	0.2296	0.366	0.7904	0.7489	0.215	1.8008
PBANKA_140420	-0.1665	0.3203	0.0959	0.0221	-0.2561	-0.9406	0.0504	-0.2992	-0.2654	0.3158	0.8283	-0.1576
PBANKA_083420	0.1677	-0.0533	0.2115	0.9936	0.6158	0.3	0.4966	0.725	0.059	-0.3567	-0.2368	-0.1868
PBANKA_114350	0.2099	0.2167	-0.2839	-0.2599	-0.1503	-1.1135	-0.5185	-0.1225	-0.2479	0.516	1.2783	1.705
PBANKA_103860	-0.2642	-0.0569	0.069	0.4544	-0.2263	-0.5968	-0.0267	0.2632	0.3933	0.4822	0.3281	0.8667
PBANKA_100210	-0.5172	0.218	-0.5233	-0.5557	-0.3147	-0.0302	0.2237	-0.196	0.1197	0.3305	0.7054	0.3232
PBANKA_135530	0.2751	0.4426	-0.0043	-0.03	-0.0204	-0.4677	0.0684	-0.0704	-0.1567	0.0269	0.0665	-0.2311
PBANKA_132710	-0.3282	-0.1283	-0.4682	-0.1656	0.2705	-0.0137	0.1513	0.296	0.4108	0.8181	0.5174	0.0016
PBANKA_081570	-0.199	0.0067	-0.063	0.1091	0.2327	-0.0262	-0.004	-0.1471	0.2152	0.2985	-0.2166	0.9367
PBANKA_121910	-0.1192	0.0641	0.0261	0.2371	-0.1111	0.4024	-0.1478	-0.2568	0.2023	0.508	1.1791	1.834

PBANKA_111460	0.085	0.0614	-0.0283	-0.5257	-0.0708	-0.3557	0.0537	0.1188	-0.2223	-0.1532	0.8474	0.2095
PBANKA_101830	-0.4641	-0.6004	-1.4072	-1.5059	-1.3925	-0.8835	-0.5606	-1.4398	-1.0182	-0.7887	0.017	-0.8334
PBANKA_136150	0.3218	0.55	0.1426	-0.1928	0.0534	0.5094	-0.521	-0.2529	-0.2134	0.0879	-0.0704	0.4475
PBANKA_133260	0.3986	0.1164	0.6401	0.4125	0.2622	0.4273	-0.7418	-0.3333	-0.2788	-0.9477	-0.9063	-0.1521
PBANKA_082980	0.0277	-0.728	0.1842	0.5463	0.2106	0.5061	0.5571	0.2814	0.2643	-0.318	-0.6455	-0.0327
PBANKA_040250	-0.608	-0.6265	-0.7075	-0.0074	-0.3951	-0.3287	-0.2243	0.176	0.9362	0.8786	0.6467	1.6587
PBANKA_081770	0.7385	0.45	0.0278	-0.3843	-0.028	-0.2273	-0.8082	-0.6908	-0.592	0.0666	0.9856	1.7634
PBANKA_120600	0.5674	0.6814	0.4347	-0.0117	0.3414	-0.099	-0.2959	-0.2292	0.3939	0.1192	0.1107	0.4278
PBANKA_071690	-1.3977	-0.4688	-1.1849	-0.4812	-0.7231	-0.2291	0.162	0.4811	1.0072	1.4181	1.2815	0.9677
PBANKA_130430	-0.0935	-0.2901	-0.0418	-0.9982	0.041	0.2957	0.6938	0.6529	0.4345	0.6597	0.0677	-0.0759
PBANKA_100100	0.045	0.4379	0.019	-0.0896	0.0254	-0.2055	-0.1455	0.2499	0.1087	0.2777	0.0634	-0.5572
PBANKA_121000	0.0155	0.1962	0.1884	0.3043	0.0665	0.4252	-0.1105	0.0419	-0.0433	-0.2443	-0.1516	0.0275
PBANKA_146010	-0.3924	-0.2038	0.1883	0.2041	0.3893	0.1432	0.347	0.112	0.0342	-0.5226	-0.5353	0.1766
PBANKA_093370	-0.6261	-0.8484	-0.4108	-0.1456	-0.2584	-0.6367	0.1354	0.2393	0.4576	0.2912	-0.0671	0.1772
PBANKA_142710	0.1792	-0.0809	-0.2434	-0.462	-0.0646	-0.1322	-0.1861	-0.5764	-0.9376	-0.8634	-0.9084	-0.8502
PBANKA_090480	-0.0017	-0.0705	-0.0486	0.4199	-0.1154	0.2368	-0.1587	0.098	0.4075	0.4957	-0.5061	0.539
PBANKA_111640	0.3699	0.5939	0.1817	-0.0907	-0.4821	0.3109	0.2717	0.168	0.3152	0.015	0.1228	0.0071
PBANKA_100950	-0.2505	0.4584	-0.0843	-0.2732	0.0271	-0.7738	-0.06	0.4393	0.1171	0.3529	0.3392	0.2357
PBANKA_130270	-0.2987	-0.2423	-0.5098	0.7433	-0.0931	-0.528	0.0564	-0.2703	-0.6641	-0.0797	-0.1903	-0.3059
PBANKA_112940	-0.1226	0.4833	0.335	0.1373	0.0647	0.2829	0.2318	0.245	0.0219	-0.0806	0.084	-0.8317
PBANKA_092790	-0.1278	-0.2841	-0.2948	0.028	0.147	0.4876	0.2835	-0.0369	-0.0788	-0.5468	-1.1584	-0.4249
PBANKA_103640	0.0644	0.0233	0.1072	0.2923	-0.3106	-0.0196	-0.0939	0.1938	0.3759	0.3576	0.4082	0.9509
PBANKA_130110	-0.2516	0.4027	-0.3557	0.0322	-0.1038	-0.7703	-0.5159	-0.02	-1.2347	-0.5899	-1.3518	-0.8707
PBANKA_134740	-0.3219	-0.7148	0.0319	0.1727	0.0289	0.1907	0.8188	0.6482	0.1971	0.1043	-1.2041	-1.5722
PBANKA_082250	0.4641	0.1367	0.2272	0.3841	0.279	0.009	0.041	-0.0552	-0.0235	-0.0737	-0.0097	0.042
PBANKA_145280	0.0278	0.5545	-0.4153	-0.255	0.0201	-0.1045	-0.1977	-0.4337	0.2676	0.3482	0.5567	0.0731
PBANKA_121560	0.8873	0.4351	0.7034	0.7428	0.3471	0.3506	-0.1905	-0.6912	-0.2736	-0.5355	-0.6192	-0.9202
PBANKA_141730	0.0685	-0.0795	-0.058	0.0216	0.1238	-0.1647	-0.0319	-0.1507	-0.4577	-0.1451	-0.1112	0.4703
PBANKA_081260	-0.8255	-0.8919	-0.9301	-0.2326	-0.499	0.0668	-0.3982	0.3708	0.8685	0.9085	0.9555	1.5063
PBANKA_010270	-0.0588	-0.0019	-0.0974	-0.9525	-0.0032	0.2615	-0.0071	-0.5186	0.2611	0.1334	-0.0674	-0.1406
PBANKA_050760	0.0164	-0.0585	-0.1242	-0.13	0.1401	-0.2171	0.0319	-0.1093	-0.3894	-0.5228	-0.7826	-0.171
PBANKA_111550	0.5044	-0.192	-0.0919	0.0513	-0.0086	-0.3368	0.3627	0.4005	0.0679	-0.3519	-0.0327	0.011
PBANKA_050790	0.2338	-0.7781	0.0051	0.3568	-0.0221	0.1607	-0.1674	0.0758	-0.0302	0.2569	0.4472	0.9453
PBANKA_092250	-0.8761	-0.325	-0.7434	-0.6492	-0.3771	-0.2366	0.0694	0.257	0.2475	0.2947	0.3791	-0.5235
PBANKA_122250	0.5271	0.1033	-0.2586	-0.6035	-0.0938	-0.5469	-0.4916	-0.2715	0.3271	0.6489	0.4934	1.2066
PBANKA_091780	0.2349	0.7635	0.0028	-0.1842	0.1378	-0.172	-0.2387	-0.1309	-0.044	-0.0721	-0.1929	-0.4204
PBANKA_081250	0.4339	0.089	0.3694	0.0487	0.2252	0.3329	-0.3822	-0.3323	-0.4817	-0.8542	-0.469	-0.603
PBANKA_112570	-0.1325	-0.2386	0.1714	-0.0175	0.1552	0.4799	0.4227	-0.0961	-0.1528	-0.2499	-0.8145	-0.3744
PBANKA_144850	-0.6889	0.0262	-0.1213	0.5676	0.4381	0.7694	0.2368	0.4919	0.8109	0.3082	0.8911	0.443
PBANKA_102590	-0.4373	-0.4327	0.138	0.2607	0.0503	0.4356	0.2146	0.2993	-0.1731	-0.2253	-0.2657	-0.7999
PBANKA_134850	0.8022	0.4246	0.7084	0.8404	0.3822	0.7703	-0.1134	-0.4005	-0.6989	-1.276	-1.1373	-0.4119
PBANKA_143840	0.0108	0.5026	0.1455	0.0302	0.2498	0.3483	-0.0464	0.146	0.0692	0.0564	-0.7242	-0.5668
PBANKA_091890	-0.4314	-0.1936	-0.2494	0.1688	-0.0439	0.3988	0.6149	0.2757	0.4176	0.4007	-0.0413	-0.2789
PBANKA_141430	0.487	-0.1067	-0.1091	0.1868	-0.0469	0.4033	0.4769	0.2538	-0.2307	-0.3084	-0.232	-0.2452
PBANKA_123800	-0.1821	-0.75	-0.6879	-0.2197	0.0965	-1.1249	-0.2459	-1.3218	-1.4132	-0.5985	-0.384	-0.217
PBANKA_145360	-0.3678	-0.4994	-0.216	0.402	-0.0193	0.1374	-0.1676	-0.3544	-0.4126	-0.5381	-0.8367	-0.7842
PBANKA_140570	0.5523	0.0454	0.3427	0.2483	0.025	0.2886	0.2135	-0.2581	-0.3191	-0.5093	-0.7554	-0.6386
PBANKA_060190	-2.1875	-2.3792	-1.7188	-0.6661	-0.3933	0.2717	1.233	1.0492	1.5216	1.2586	-1.5069	-2.4911
PBANKA_145150	-0.9034	-0.3952	-0.5877	-0.6711	-0.1853	0.4395	0.7766	0.2143	0.6709	0.7053	0.5832	-0.2899
PBANKA_031330	-0.1444	-0.463	-0.5349	-0.2975	-0.2816	-0.2762	0.251	0.2993	0.3373	0.2413	-0.1736	-0.0823
PBANKA_081970	0.0993	0.3317	0.1358	0.0107	0.1796	0.2238	-0.1689	-0.3026	-0.1868	-0.1541	0.0181	0.1931
PBANKA_113540	-0.0267	0.1828	-0.4119	-0.0269	-0.4078	-0.7325	-0.8452	-1.0645	-0.519	-0.4571	-0.4377	-0.5268
PBANKA_030150	0.3163	-0.0488	-0.3499	-0.4746	-0.8575	-0.721	-0.6279	-0.0741	0.4096	0.8543	0.2714	1.3449
PBANKA_091230	0.5098	0.1965	0.1909	-0.5961	-0.2818	-0.2415	-0.1123	-0.1649	-0.6167	-0.3482	-0.4561	-0.3192
PBANKA_123080	-0.556	-0.0553	0.4488	0.6569	-0.1545	0.8672	-0.3298	-0.4633	-0.2677	-0.6107	-0.6076	-0.051
PBANKA_133120	-0.363	-0.325	-0.1773	0.3409	0.0495	0.5067	0.5173	0.6113	-0.0704	0.4578	-0.1654	0.1545
PBANKA_143880	0.4823	0.0085	0.4396	0.8729	0.3912	0.0652	0.3029	0.1844	-0.3597	-0.3898	-0.2528	0.0564
PBANKA_131080	0.459	1.1719	0.3634	0.0413	0.2607	-0.2038	-0.7528	-1.0366	-1.1916	-0.4929	0.0413	0.4045
PBANKA_131870	0.0049	0.5954	0.0189	-0.0137	-0.1317	-0.0524	-0.0646	-0.4413	-0.3205	0.0705	0.5899	0.3585
PBANKA_092130	-1.1005	-0.906	-0.0451	0.4564	0.3998	0.4315	0.567	-0.0361	-0.3464	-0.8673	-0.9802	-1.4133
PBANKA_140220	0.1422	0.2624	0.4457	0.0603	-0.6256	-0.3084	0.1929	0.1239	-0.1547	-0.634	0.1114	-0.5013
PBANKA_123970	0.3491	0.8143	0.1111	-0.077	-0.0209	-0.1508	-0.4772	-0.3381	-0.4118	-0.027	0.6533	0.8083
PBANKA_091370	-0.1819	0.014	0.0271	0.2777	0.0897	0.2442	0.1729	-0.3102	-0.3658	-0.9426	-1.1544	-0.8614

PBANKA_050620	0.0175	-0.063	-0.1309	-0.3792	-0.3255	0.1339	-0.1413	-0.1176	0.1795	0.5651	1.301	1.6083
PBANKA_113230	-0.4514	-0.323	0.1589	0.2054	0.2956	-0.3154	0.2086	0.0176	-0.0554	0.0285	0.1362	0.151
PBANKA_040480	-0.9737	-0.6928	-0.2982	-0.178	0.0794	0.5926	0.6191	0.5956	0.3487	0.3058	-1.0776	-0.5486
PBANKA_094090	0.3938	0.5391	0.1239	-0.2847	-0.1097	0.0345	-0.1052	-0.013	-0.3257	-0.4699	-0.5373	-0.4932
PBANKA_102640	-0.0153	0.2388	0.1301	0.6855	-0.0582	0.2203	0.1801	0.1204	0.126	0.1001	0.5192	0.3535
PBANKA_102140	-0.6382	-0.5887	-0.0516	0.4941	0.3838	0.6335	0.7524	0.5278	0.2286	-0.2114	-1.1883	-1.4202
PBANKA_070390	0.4308	-0.0587	0.4042	0.0228	0.3634	-0.3192	-0.7603	-1.2327	-1.6343	-1.9451	-1.1335	-0.4659
PBANKA_135570	-0.7154	-0.5411	-0.8336	-0.2265	-1.1248	-0.5431	-0.3683	0.4671	0.5637	1.4927	1.3713	1.0099
PBANKA_122660	-0.4331	0.4582	-0.0728	-0.8576	-0.0931	-0.1609	-0.0309	-0.4789	-0.502	-0.6949	-0.7627	-0.7914
PBANKA_010570	0.2053	-0.4037	-0.0367	0.4107	0.1948	0.1294	0.126	0.1374	0.2171	0.1454	-0.0618	-0.055
PBANKA_090310	0.3305	0.4508	-0.2233	-0.1522	-0.5541	-0.2869	-0.1391	-0.1565	0.3169	0.492	1.2738	1.211
PBANKA_083020	-1.4984	-0.7153	-0.7788	-0.5124	-0.1342	0.2676	0.503	0.6634	-0.0965	-0.033	-1.1458	-1.4448
PBANKA_133690	-0.361	-0.334	-0.6381	-0.2352	-0.0672	0.1006	0.335	0.7836	0.6527	0.5826	0.4355	0.3529
PBANKA_134330	-0.3026	-0.0306	0.0915	0.2895	0.6446	0.3509	0.1754	-0.456	-1.0266	-1.1858	-1.4453	-1.7726
PBANKA_062170	0.5789	0.4037	0.4821	0.5298	0.2479	0.6099	0.044	0.0997	-0.3085	-0.8282	-0.8714	-0.773
PBANKA_031190	-0.5541	-0.2486	-0.0765	-0.1801	-0.5567	0.6001	0.4865	0.4798	0.4254	-0.0569	-0.6472	-0.609
PBANKA_051190	0.4874	0.4117	0.4446	0.417	0.4076	-0.0179	-0.3666	-0.7779	-0.9476	-1.1927	-0.5291	-0.26
PBANKA_030890	0.2886	1.0517	-0.116	0.1696	-0.1559	-0.5199	0.1904	0.3627	0.0323	0.2952	-0.19	-0.2567
PBANKA_052420	-0.6971	-0.4378	-0.5416	-0.4459	0.3067	0.0478	0.15	0.1077	0.632	0.6151	0.4512	0.1793
PBANKA_141500	0.5359	0.5512	-0.0448	-0.41	-0.0922	-0.3496	-0.1343	0.2699	0.0425	0.3498	-0.2209	-0.2915
PBANKA_010090	0.0888	0.3828	-0.0332	-0.5895	-0.1824	-1.5988	-0.6191	-0.1519	0.1622	0.471	1.5325	1.6221
PBANKA_143320	0.5263	0.7479	0.4233	0.1857	0.1633	0.0321	-0.0484	-0.0765	0.2756	0.1974	0.1226	1.0487
PBANKA_041530	0.6097	0.047	0.2911	0.3297	0.092	0.5227	0.0928	0.2157	0.1396	-0.0538	-0.2694	-0.3642
PBANKA_052240	-0.1221	-1.1872	-0.2125	0.0996	-0.0612	0.4293	0.0447	0.2525	0.0814	-0.082	-0.1859	0.0016
PBANKA_124010	-0.7716	-0.593	-0.3522	-0.4224	-0.3475	0.1722	-0.0753	0.033	0.4104	0.802	1.0341	0.8108
PBANKA_090450	-0.4851	-0.3434	-0.1156	-0.3069	0.0112	-0.1078	-0.0692	-0.283	-0.6999	-0.5704	-0.6482	-0.7306
PBANKA_080370	-0.1854	-0.0927	0.0568	0.0839	0.0124	0.3784	0.2169	0.2202	0.0655	0.0588	-0.6072	-0.3285
PBANKA_020770	0.3164	-0.3703	-0.0053	0.2079	0.0386	-0.1186	-0.0754	-0.1002	-0.4982	-0.862	-0.4993	-0.7528
PBANKA_050700	-0.0689	-0.6447	-0.0924	-0.2638	-0.3267	-0.6586	-0.2052	-0.2369	-0.2017	-0.0006	-0.0131	-0.6389
PBANKA_040520	0.2017	1.092	0.2789	0.2455	0.3082	0.1695	-0.1904	-0.1977	-0.1803	-0.5262	-0.2792	-0.326
PBANKA_101990	-0.557	-0.1944	-0.2645	-0.245	0.3521	0.7322	0.4695	0.5096	1.4124	1.2383	0.7339	-0.1863
PBANKA_050150	-0.1399	-0.0624	0.3417	0.3085	0.3494	0.4791	0.2033	-0.2411	-0.4238	-0.1424	0.0453	-0.326
PBANKA_130970	0.2707	0.9233	0.1217	0.1647	-0.0782	-0.1088	-0.1881	-0.1526	-0.1264	0.2059	0.8172	1.3916
PBANKA_071710	0.4461	0.5868	0.2717	0.0216	0.4201	0.1778	0.2351	0.335	0.3232	0.1084	-0.2355	-0.0685
PBANKA_093720	0.644	0.4558	0.2126	-0.2076	-0.0699	-0.5295	-0.8552	-0.6417	-0.4875	0.0538	1.1066	0.6746
PBANKA_110360	0.0441	0.0851	-0.1691	0.0774	-0.05	-0.061	0.0058	-0.0411	0.3411	-0.0711	-0.1964	0.0916
PBANKA_143760	-1.6053	-1.1852	-1.6309	-0.9299	-0.8383	-0.3157	0.2523	0.5304	1.0901	1.2826	1.0082	0.6425
PBANKA_051230	-0.1809	0.0301	-0.0171	0.2238	0.1915	0.2838	0.293	-0.0576	-0.1656	-0.1236	-0.7496	-0.6012
PBANKA_142310	-0.1041	-0.3548	-0.3566	-0.0439	-0.126	-0.0681	0.2548	0.3623	0.3509	0.255	0.0622	0.0575
PBANKA_051950	0.1098	0.3609	0.0366	0.2932	0.0935	0.3921	0.552	0.0634	-0.2068	0.09	-0.0581	-0.467
PBANKA_100380	0.3754	0.4344	0.2381	-0.0439	0.0254	-0.0459	-0.0106	-0.4173	-0.9723	-0.7847	-0.5895	-0.7989
PBANKA_122390	0.1552	0.7573	0.1186	0.4739	0.0213	0.2576	-0.1782	0.137	0.2363	0.125	-0.342	-0.3733
PBANKA_011080	-0.633	-0.0929	-0.5926	0.0881	-0.6203	-0.4485	-0.7238	-0.3917	0.2136	1.0437	1.5844	1.8463
PBANKA_010960	-0.6278	-0.3272	-0.1602	0.3116	0.3641	0.0309	0.366	-0.0579	-0.3291	-0.5948	-0.9263	-1.1972
PBANKA_113570	0.0823	0.562	-0.2203	0.0263	-0.0189	-0.239	-0.2459	-0.4426	-0.2106	-0.2864	0.4009	1.2712
PBANKA_050450	0.1453	-0.0332	0.1864	0.2048	0.2159	0.5674	0.2397	0.7096	0.1599	0.1523	-0.0289	-0.4686
PBANKA_080150	-0.5837	-0.6587	-0.4028	-0.4427	-0.2857	-0.1448	-0.1213	-0.0468	0.6199	0.4444	0.1853	0.6581
PBANKA_040240	-0.5039	-0.6848	-1.0851	-0.2358	-0.3704	-1.0802	-0.5151	-0.1042	-0.0584	0.2243	0.3676	0.5842
PBANKA_122930	0.2571	0.6881	0.249	0.6446	0.079	0.3121	0.3601	0.5149	0.4185	0.0291	-0.2957	-0.0949
PBANKA_021220	-0.0433	0.1259	0.0629	0.057	-0.1769	0.3066	0.0642	0.1036	0.1718	-0.0433	-0.4978	-0.6811
PBANKA_135120	0.299	0.5295	0.1723	0.6919	0.2401	0.3513	-0.2287	-0.1858	-0.0027	-0.346	-0.3155	-0.5386
PBANKA_145460	-0.0944	0.0799	-0.1549	0.0311	0.0104	-0.0188	0.2155	0.208	0.3838	0.5071	0.2443	-0.4831
PBANKA_135960	-0.6489	-0.4716	-0.2656	-0.0781	0.1711	-0.9216	-0.0401	0.3065	0.8948	0.7345	2.1257	2.0444
PBANKA_133100	0.0463	-0.021	0.3183	0.6791	0.072	0.2788	-0.0733	-0.4798	-0.7089	-0.7178	-0.8871	-0.8669
PBANKA_083530	0.0147	-0.2452	0.0614	0.5251	0.2662	-0.3254	-0.0262	-0.0124	0.1018	-0.6279	0.6058	-0.3092
PBANKA_081460	0.1301	0.2429	0.1708	0.5649	0.1681	0.0757	0.0319	0.1768	-0.3577	-0.2034	-0.6331	-0.2177
PBANKA_101770	-0.7925	-0.8635	-0.4716	0.0097	-0.042	0.2956	0.2158	0.3202	0.1922	-0.0925	-1.195	-1.4022
PBANKA_130700	-0.3063	-0.3343	-0.334	-0.6996	0.0285	-0.259	-0.0008	0.4565	0.334	0.5883	-0.2654	-0.3507
PBANKA_124470	-0.1532	-0.8142	0.1523	-0.1388	0.0912	0.1735	0.2896	0.5788	0.634	0.5544	0.3583	0.0372
PBANKA_121600	0.3998	0.2014	0.4417	0.5255	0.1684	0.4897	-0.2882	-0.1988	0.194	-0.2285	-0.3382	-0.6484
PBANKA_113050	0.1715	0.2191	0.1909	0.2785	0.3646	0.0947	0.1644	-0.2488	-0.7882	-1.2598	-1.5444	-1.3221
PBANKA_142240	-0.3725	0.9047	0.1533	-0.4366	0.09	-0.046	-0.2578	-0.0929	-0.4751	-0.5437	-0.5165	0.7646
PBANKA_070400	0.3881	0.2465	0.0634	0.6851	0.2359	0.0106	0.0454	-0.0109	-0.0729	-0.319	-0.4516	-0.5715

PBANKA_031480	-0.1553	-0.3134	-0.1078	0.4252	0.2065	0.5975	0.2556	0.6014	0.4605	0.2538	0.4261	0.4159
PBANKA_080050	0.1155	0.8386	-0.1855	-0.976	-0.6381	-2.029	-1.3691	-1.4664	-1.2628	-0.2528	0.7401	0.8634
PBANKA_142570	0.0901	0.0199	0.2351	0.4179	0.2766	0.495	0.1858	-0.0084	-0.1146	-0.2872	-0.6242	-0.5922
PBANKA_100960	-0.316	-0.9943	-0.7605	-0.2861	-0.3306	0.0131	-0.3248	-0.2107	0.3107	0.3777	1.318	1.4713
PBANKA_101640	0.276	-0.1085	-0.0173	0.259	0.2277	0.8293	0.0815	-0.1161	0.111	-0.292	-0.4256	-0.5642
PBANKA_051650	0.7948	0.8741	0.1521	0.3225	-0.0114	-0.1115	-0.2022	-0.4013	0.0201	-0.0478	-0.6072	-0.4382
PBANKA_021000	0.075	-0.2177	0.0013	0.8139	0.1225	0.7035	0.1517	0.304	0.2187	-0.1272	-0.5837	-0.5897
PBANKA_080140	0.4838	0.2307	0.4299	0.1323	0.2946	-0.139	-0.1801	-0.8877	-1.0968	-1.6011	-1.1704	-0.1886
PBANKA_100860	-0.2238	-1.0354	-0.2256	-0.2615	0.0593	-0.3554	0.1507	0.4606	1.0452	0.9418	-0.0015	0.1089
PBANKA_091940	-0.7546	-0.1521	-0.5299	-0.3445	-0.2281	-0.2123	0.1882	0.4061	0.6236	0.9416	0.1392	0.3448
PBANKA_123100	0.2107	0.2544	0.3751	0.2592	0.3268	0.0905	-0.4408	-0.9262	-1.0627	-1.8035	-0.7571	-0.3104
PBANKA_030590	1.0098	-0.2579	-0.0235	0.6174	0.0748	0.1969	0.1027	-0.1401	-0.8335	-0.842	-0.8501	-0.4943
PBANKA_071810	-0.0379	-0.0657	0.2092	0.3759	0.2758	0.3758	0.3122	0.4197	0.432	0.0885	-0.1362	-0.0486
PBANKA_091800	0.5294	1.0645	0.4237	0.3184	-0.1068	-0.1171	-0.1999	-0.4923	-0.8292	-0.7348	-0.1717	-0.1979
PBANKA_051060	-0.1939	-0.2332	0.2157	-0.1568	0.1351	0.3675	0.1606	0.2	0.0114	0.0624	0.5284	0.3845
PBANKA_051880	0.8055	0.8955	0.7015	0.2193	0.3494	-0.0985	-0.0103	-0.4249	-0.6195	-0.3721	-0.1398	-0.0944
PBANKA_110250	-0.0848	-0.0954	0.3569	0.6225	0.4837	0.2055	-0.2654	-0.3584	-0.6045	-1.102	-1.2863	-0.8067
PBANKA_143810	0.3297	-0.177	0.0635	0.5063	-0.0718	0.5351	0.2265	0.1973	-0.1051	-0.2234	-0.6903	-1.0532
PBANKA_142540	0.1055	-0.0167	0.173	0.3061	0.1305	0.0648	-0.0133	-0.5197	-0.4105	-0.7667	-0.5116	-0.605
PBANKA_134680	0.1818	0.0177	0.12	-0.0454	-0.2939	-0.2888	0.1333	-0.3888	-0.6189	-0.5267	0.1115	-0.0582
PBANKA_092800	0.0259	-0.0913	-0.3785	-0.4847	0.095	0.3498	-0.461	-0.3092	-0.1904	-0.2989	-0.7703	0.0713
PBANKA_131170	-0.0668	0.0623	0.0496	0.0508	-0.1164	0.4767	0.1909	0.4003	0.6686	0.6167	0.4606	0.307
PBANKA_112840	0.2584	-0.3608	0.5908	0.7723	0.2855	0.8247	-0.0549	-0.1004	-0.136	-0.5403	-0.0048	0.2815
PBANKA_090440	0.5342	0.3261	0.271	0.2259	0.0829	0.26	-0.6047	-0.8287	-0.5126	-0.5005	-0.0551	-0.0348
PBANKA_011170	-0.7862	-1.5561	-0.2515	0.0201	0.1221	0.2002	0.598	0.396	0.2031	-0.1275	-0.9171	-0.9525
PBANKA_111890	0.2934	0.1051	0.2683	0.3258	0.4422	-0.7392	0.1914	0.0267	0.0154	0.0831	-0.6177	-0.1527
PBANKA_070540	-0.5114	-0.0751	-0.3704	-0.1682	-0.3871	0.0478	0.3359	0.4578	0.2789	0.0339	-0.1933	-0.5371
PBANKA_051900	-1.9536	-2.4437	-1.6727	-1.1622	-0.815	0.141	0.301	0.3944	0.4576	0.7596	0.3131	-0.4665
PBANKA_080350	-1.0787	-0.9111	-0.2769	-0.1188	0.4963	0.1465	0.1793	-0.2007	-0.4977	-0.997	-1.2558	-1.6298
PBANKA_144460	-0.072	0.0798	-0.1292	0.3852	-0.1029	0.1106	-0.1154	0.1033	-0.0793	-0.1442	-0.072	-0.0841
PBANKA_134540	-0.2961	0.0306	-0.1886	-0.031	0.1183	0.2659	0.1785	0.3329	0.1627	0.4886	-0.5801	-1.0182
PBANKA_110810	-0.2131	0.0739	-0.0191	-0.1514	-0.2116	0.5134	0.1722	0.4417	0.5259	0.1686	-0.0915	-0.1414
PBANKA_133730	0.2569	-0.2036	0.2855	0.3578	0.3209	-0.0813	0.2691	0.1774	-0.2674	-0.1948	-1.0115	-0.716
PBANKA_112550	-0.2792	-0.6137	0.3414	0.2448	0.9146	0.3525	0.2144	-0.1647	-0.0636	-0.5814	-0.4585	-0.7528
PBANKA_131570	-0.433	-0.3109	-0.4176	-0.4572	-0.4281	-0.084	0.0809	0.0036	0.3485	0.7676	0.8581	0.3888
PBANKA_132080	0.0039	0.1816	-0.0217	-0.3932	0.0428	-1.039	-0.1105	0.0485	0.2684	0.4517	1.0576	1.2596
PBANKA_121100	0.3967	0.885	-0.0921	0.373	0.1269	0.0583	-0.121	-0.3169	-0.3434	-0.193	0.3101	-0.4953
PBANKA_101760	-0.0281	-0.3358	0.0868	-0.0196	-0.0899	0.3305	0.2231	0.2283	0.1943	0.0602	-0.6661	-0.3281
PBANKA_093660	-0.0278	0.4871	-0.5583	0.0226	-0.5465	-0.5078	-0.4163	-0.5195	-0.1918	0.2633	1.5429	1.2972
PBANKA_123890	0.141	0.2048	0.2572	0.0137	0.1864	-0.1942	0.0472	0.5656	0.621	0.7016	0.8528	0.6506
PBANKA_011090	0.7046	-0.3121	0.2591	0.0286	-0.2012	-0.2906	-0.1381	-0.2155	0.1192	-0.5436	0.1976	0.6045
PBANKA_142810	0.5917	0.3374	0.1525	0.1344	0.1425	-0.0302	-0.0434	0.1155	0.2269	0.1788	0.1546	0.1347
PBANKA_050510	-0.4076	0.4203	-0.3618	-0.4974	0.0847	0.2092	-0.2371	-0.0387	-0.1471	0.2253	0.1641	-0.6374
PBANKA_100200	0.3467	0.7928	0.1297	0.1124	0.0751	-0.1788	-0.4188	-0.3701	-0.5869	-0.571	-0.6156	-0.7719
PBANKA_103430	0.2888	-0.1721	-0.4271	-0.3828	-0.3998	-0.6532	-0.294	-0.0086	0.1666	0.9033	1.1285	1.1479
PBANKA_141080	-0.0658	-0.6157	0.18	0.2792	0.3917	0.1964	0.2064	-0.7085	-0.878	-1.4514	-1.594	-1.8623
PBANKA_092040	0.2288	0.0684	-0.2149	0.0495	-0.2148	0.1374	-0.0412	0.3363	0.1432	0.304	0.4527	0.7111
PBANKA_051740	0.3546	0.2787	0.0031	-0.2164	-0.0818	0.2325	0.3257	0.2367	0.0715	0.0159	0.4152	0.0864
PBANKA_062250	-0.1849	-0.3097	-0.3145	-0.1509	0.1769	0.1673	0.3254	0.5438	0.5643	0.321	-0.1976	-0.5709
PBANKA_130880	-0.16	0.338	-0.2271	-0.3923	-0.4499	-0.4313	-0.09	0.0032	-0.1717	-0.0467	0.0284	-0.0873
PBANKA_070610	0.3762	0.5223	0.2234	0.5726	0.0488	0.5832	0.0354	-0.428	-0.3729	-0.6889	-0.4183	-0.2468
PBANKA_111130	-0.0866	-0.0533	0.2443	0.3734	0.0757	0.5194	-0.0063	-0.2168	-0.0798	-0.5839	-0.4857	-0.7258
PBANKA_145690	-0.6274	-0.4099	-0.5498	-0.1525	-0.1789	-0.0264	0.0323	0.255	0.3312	0.4423	-0.1099	0.3389
PBANKA_070070	-0.0635	0.236	-0.2638	-0.3092	-0.8386	-0.5804	-0.5331	-0.3089	0.0472	0.212	0.8871	1.4839
PBANKA_020540	0.0362	-0.149	-0.0995	0.3155	0.3032	0.531	-0.0476	-0.3458	-0.8839	-1.1047	-1.4298	-1.1818
PBANKA_081320	0.3004	0.082	-0.166	-0.5014	0.0112	-0.2276	-0.2139	-0.3515	-0.5919	-0.3284	-0.0469	-0.6675
PBANKA_062280	1.0726	0.1737	0.0687	0.6545	0.0433	-0.3701	-0.2079	-0.3028	0.0826	-0.1232	-0.678	0.4461
PBANKA_010070	-0.1672	-0.045	-0.1189	-0.2707	-0.5105	-0.458	-0.3434	0.2755	0.4064	0.6103	1.0958	0.8102
PBANKA_112240	0.2353	0.191	-0.141	0.4813	-0.2136	0.2084	-0.0802	-0.3525	-0.2648	-0.3119	-0.4177	-0.154
PBANKA_103690	-0.5382	0.2748	-0.0364	0.1133	0.041	0.1532	0.0426	0.5182	0.0337	-0.6813	-0.6467	-1.0123
PBANKA_130100	0.3272	-0.581	-0.2226	-0.7102	-0.1382	-1.0805	-0.2517	-0.5756	-0.0634	-0.1552	-0.1935	-0.0237
PBANKA_093380	-1.3879	-0.1932	-1.3398	-2.2102	-0.7811	-1.494	-0.9104	-1.0526	-1.218	-1.1143	-0.6502	-0.9464
PBANKA_133970	0.4634	1.0527	0.2075	0.2852	0.7094	0.6552	0.1622	-0.1972	-0.3536	-0.6318	-0.6986	0.2282

PBANKA_112730	0.3232	-0.0744	0.0579	0.0794	0.0805	-0.1604	0.049	0.3465	0.0757	-0.5053	-1.1334	-1.0721
PBANKA_080240	-0.0487	-1.0427	-0.2736	-0.2686	-0.0643	-0.1115	0.3581	0.1332	-0.1497	0.2997	-0.145	0.4096
PBANKA_142070	-0.1715	-0.3222	0.1425	0.23	-0.0097	-0.5908	-0.1933	0.2035	0.7532	1.033	1.1824	1.4043
PBANKA_144880	-0.5143	-0.5643	-0.1806	-0.0771	0.0228	0.5475	0.2318	0.4961	0.3011	0.2844	-0.4311	-0.3238
PBANKA_061920	-0.2164	-0.2452	-0.4577	-0.3979	-0.4727	-1.2477	0.3258	-0.1152	0.2405	0.2157	0.8311	0.7466
PBANKA_110840	0.0214	0.1629	-0.0961	0.5936	0.2424	0.2554	0.1487	-0.0889	-0.4101	-0.5854	-0.3672	-0.8877
PBANKA_110090	-0.1321	0.5565	-0.0766	-0.297	-0.093	0.0251	-0.8472	-0.1667	-0.3309	0.3003	0.9282	0.9704
PBANKA_061790	0.31	0.9334	0.4117	0.0386	0.2047	-0.3927	0.0038	-0.1041	-0.4627	-0.4202	-0.5112	-0.3037
PBANKA_113040	-0.417	0.2132	-0.0086	0.2351	0.2571	0.2021	-0.0165	-0.6423	-0.8121	-1.041	-0.9964	-1.1721
PBANKA_031340	-0.5257	-0.3912	-0.4956	-0.1939	-0.1515	-0.2263	0.0812	0.569	1.1737	1.533	0.8554	0.4156
PBANKA_060990	-0.2442	-0.2323	-0.2582	0.0987	-0.1419	0.1585	0.5717	0.1578	-0.4332	-0.4772	-0.4804	-0.3952
PBANKA_080700	0.3405	0.7753	0.0599	-0.0111	0.0816	0.2367	0.2016	-0.0729	-0.4037	-0.1397	0.2299	0.2659
PBANKA_101140	-0.9292	-0.1396	-0.5163	0.1122	-0.081	0.112	0.058	0.245	-0.0427	0.2456	0.2941	-0.2539
PBANKA_130530	-0.3794	0.2662	-0.0733	-0.1121	0.42	0.4096	-0.0001	-0.2163	-0.4282	-0.3427	-0.4939	-0.5462
PBANKA_123500	0.6548	0.2255	0.649	0.565	0.5809	-0.5112	-0.3275	-0.6179	-0.7484	-0.8808	-0.0796	-0.2747
PBANKA_135860	-0.1932	0.1756	-0.2716	-0.2029	0.394	-0.0673	0.1564	-0.151	0.0152	-0.3899	-0.5802	-0.4514
PBANKA_030480	-0.3119	-0.0466	-0.2758	-0.05	0.0563	0.4825	0.5932	0.6522	0.8113	0.6644	-0.2583	-0.5808
PBANKA_052370	-1.7103	-0.7338	-1.5909	-1.445	-1.0105	-0.3783	-0.0067	0.8017	1.286	1.7231	0.6198	0.2914
PBANKA_091300	-0.0234	-0.6421	-0.1112	0.357	0.1712	-0.1558	0.0061	0.1007	0.382	0.4142	-0.2607	0.0135
PBANKA_091060	-0.1636	-0.1351	-0.0513	0.3417	0.422	0.7662	0.3752	0.1887	-0.0039	-0.4815	-0.8884	-0.4141
PBANKA_134900	-2.1556	-1.4826	-2.4188	-1.3805	-0.7484	-0.0927	0.4635	0.9727	0.908	1.0521	-0.134	-1.2165
PBANKA_110860	-0.4792	-0.7554	-0.0849	0.2168	0.2848	0.2923	0.4081	0.2544	0.2042	0.057	-0.2654	-0.4523
PBANKA_141470	-0.2569	-0.9757	-0.0599	0.5252	0.3903	0.6668	0.108	-0.3108	-0.3462	-0.6795	-0.725	-0.9357
PBANKA_083350	-0.1783	-0.1411	-0.246	-0.0651	-0.2445	-0.0182	0.2499	0.1045	-0.1231	-0.4595	0.2055	0.0611
PBANKA_080490	-0.1194	0.3718	0.2505	-0.6033	-0.1869	-0.1645	-0.3932	-0.7778	-0.9215	-0.7146	0.1749	-0.2561
PBANKA_134830	0.3702	0.1242	0.4228	0.1558	0.3979	-0.5988	-0.3435	-0.4392	-0.177	-0.0818	0.6007	0.982
PBANKA_070330	0.1952	0.4078	-0.2522	0.2027	-0.1497	0.0282	-0.3307	0.1686	0.0841	-0.1555	0.7959	0.6593
PBANKA_103150	-0.126	0.6799	-0.0008	-0.1351	0.1505	0.1907	0.0862	0.0546	0.6704	0.1902	0.4674	0.1977
PBANKA_131560	-0.4065	0.8375	-0.6226	-0.8325	-0.1892	-1.2457	-0.9603	-0.6324	-0.4119	0.3267	1.788	1.7685
PBANKA_113630	-0.1063	-1.0863	-0.1531	-0.2847	-0.061	-0.0232	0.0301	0.232	0.0478	0.0866	0.1481	0.7983
PBANKA_031180	-0.4856	0.0101	-1.0332	-1.1944	-1.3138	-0.9622	-0.6519	0.0774	0.7763	1.3999	1.5421	1.9207
PBANKA_120820	-0.098	-0.7383	-0.1843	0.1944	0.0985	0.2971	0.4238	0.4477	0.3699	0.3827	0.3996	0.0096
PBANKA_051530	-0.4431	-0.3423	-0.2797	0.0375	0.1013	0.4388	0.336	0.7717	0.7556	0.8109	-0.0507	-0.2635
PBANKA_110310	-1.8415	-0.7367	-0.639	-0.1296	0.0896	0.5678	0.4557	0.3993	-0.3094	-0.5282	-1.3087	-1.5009
PBANKA_114240	-1.4139	-1.5998	-0.6881	-0.3518	0.3069	0.1737	0.7276	0.4978	0.4771	0.079	-0.7648	-0.47
PBANKA_135830	-0.1372	-0.2829	-0.2995	-0.3009	0.1037	0.1363	0.1087	0.3812	0.3829	0.2771	-0.1728	-0.5426
PBANKA_130830	0.2669	0.6568	0.1976	0.4961	0.347	0.2643	0.2022	-0.456	-0.0882	-0.2468	0.0593	0.1482
PBANKA_061990	0.6605	0.0241	0.2336	0.5859	0.2203	0.302	-0.4113	-0.5818	-0.74	-0.9794	-0.2812	-0.7378
PBANKA_020660	0.3693	0.3657	0.0358	-0.0658	-0.066	-0.5986	-0.2643	-0.0274	0.3544	0.3859	0.3629	0.9438
PBANKA_123710	-0.2204	-0.364	-0.4749	-0.2925	-0.0626	-0.0969	0.1968	0.4393	0.4229	0.5309	-0.1599	-0.4523
PBANKA_041410	-0.5342	-0.2196	-0.5409	-0.3755	-0.1452	-0.7084	-0.1746	-0.1679	-0.4188	-0.1736	-0.1972	0.0034
PBANKA_111080	-0.0262	0.6227	0.0986	0.074	-0.0364	-0.0338	0.0313	-0.2456	-0.1239	-0.0878	-0.2832	-0.3831
PBANKA_112210	0.5133	0.6813	0.0422	0.3952	0.2554	0.1813	0.1048	0.1839	0.249	0.2917	-0.3336	0.06
PBANKA_030990	0.226	-0.4985	0.2323	0.4155	0.4466	0.6257	0.1601	-0.4194	-0.6536	-0.7933	-0.4888	-0.2882
PBANKA_020420	-0.9004	-0.0289	-0.3031	0.1201	0.0722	0.1646	0.2192	-0.0382	-0.1177	-0.2645	-0.4224	-0.2012
PBANKA_112200	0.3314	0.4288	-0.0136	0.0777	-0.1183	-0.0437	0.01	-0.1186	0.0394	0.1474	0.4561	0.2092
PBANKA_103090	0.4762	-0.6544	0.0753	-0.0202	0.2189	-0.3286	0.1922	0.025	-0.7243	-0.4871	-0.6515	-1.0748
PBANKA_082490	0.0195	0.6376	-0.0484	-0.1751	0.068	0.1021	-0.0741	0.145	0.1373	0.4017	0.3702	0.4438
PBANKA_144520	0.3199	-0.4164	0.1569	0.3217	0.0137	-0.1842	-0.2225	-0.41	-0.2757	-0.0854	-0.3696	1.0667
PBANKA_130200	-0.1061	-0.1809	0.0228	-0.1938	-0.0938	-0.4471	-0.42	-1.2399	-0.8615	-0.1953	-1.1191	0.146
PBANKA_102330	0.2106	0.2474	0.2149	-0.3693	0.0333	-0.024	-0.395	-0.134	-0.5829	-0.492	-1.0517	-0.9823
PBANKA_131950	-0.2439	-0.9413	-0.1712	-0.4964	0.1095	-0.374	-0.174	-0.4827	-0.0701	0.0335	0.4798	0.9929
PBANKA_020950	0.7763	0.2741	0.3994	0.5463	0.407	-0.0479	0.052	0.1826	-0.0555	-0.4503	-0.3759	-0.2454
PBANKA_091980	-0.3107	-0.2337	0.0535	0.0317	0.0049	0.0992	0.0475	-0.2171	-0.3035	-0.8343	-0.8524	-0.5095
PBANKA_103850	0.1789	0.2577	0.2859	0.4119	0.0741	-0.0278	0.0868	-0.1477	0.5724	0.3592	0.3972	0.7133
PBANKA_093440	-0.2604	0.1708	-0.1498	-0.4781	-0.0824	0.2883	-0.0092	-0.2947	-0.1365	-0.0412	-0.2138	0.7479
PBANKA_081220	-0.1713	-0.447	-0.2602	-0.2118	-0.2324	-0.2988	0.1086	0.409	0.4333	0.9187	0.9506	0.6097
PBANKA_122150	0.1624	-0.3982	0.1842	0.2667	0.3789	0.5512	0.01	0.1238	0.2065	0.1865	0.5553	0.4173
PBANKA_135370	0.1522	0.0393	-0.2504	-0.416	-0.3029	-0.3304	-0.3953	-0.0962	0.6183	0.9671	1.3507	1.2934
PBANKA_101490	0.246	0.5486	0.1053	-0.2321	0.2285	0.0373	0.0452	-0.12	0.0618	-0.1164	-0.2783	-0.3673
PBANKA_061770	-0.0713	0.5065	-0.3586	-0.0366	0.0682	-0.1833	-0.2055	-0.3322	-0.2825	0.022	0.4655	0.5363
PBANKA_091620	-0.1025	0.4265	0.424	0.0691	0.28	0.1007	-0.1705	-0.7743	-0.9466	-1.147	-0.7232	-0.9849
PBANKA_070600	0.6367	0.0146	0.2709	0.3758	-0.0592	0.0083	-0.1059	-0.3311	-0.2129	0.087	-0.5326	-0.138

PBANKA_030740	0.2447	0.5323	0.0243	0.0616	-0.1128	-0.0997	-0.1607	-0.3437	0.2457	0.1624	0.0668	-0.4227
PBANKA_083290	-0.9544	-0.4924	-0.7094	0.0746	-0.2253	0.2197	0.2881	0.5453	0.8911	0.9199	0.0759	-0.0481
PBANKA_041090	0.1856	0.63	0.0311	0.3905	0.5017	0.0794	0.1379	0.17	0.2828	-0.2622	0.5014	0.0289
PBANKA_144570	0.2642	-0.209	0.1938	0.4778	0.0961	0.143	-0.0921	-0.2777	-0.2405	-0.0863	0.0387	-0.1522
PBANKA_141300	0.002	-0.2471	0.2004	0.6862	0.3284	0.2678	0.1926	-0.018	-0.0749	-0.4291	-0.6879	-0.7072
PBANKA_130680	0.3189	0.4604	0.3434	0.1709	0.0664	0.1812	0.0582	-0.214	-0.4254	-0.2463	-0.541	-0.7622
PBANKA_141570	0.0436	0.1317	0.1096	-0.1541	0.0366	0.2283	0.2127	0.1971	-0.0643	-0.0477	-0.0845	-0.7351
PBANKA_071930	-0.732	0.2088	-0.415	0.0455	0.2778	0.2872	0.1585	-0.0157	-0.3216	0.2105	-0.1632	-0.5142
PBANKA_011240	-0.1756	-1.2636	-0.3909	-0.0306	0.7139	-0.1635	-0.021	-0.117	0.2028	0.2629	-0.0345	-0.1563
PBANKA_071480	0.1555	-1.1744	-0.3491	-0.1105	-0.1607	-0.9177	-0.3513	-0.8279	-0.4002	-0.6812	-0.4004	-0.2061
PBANKA_030900	-0.4238	0.0413	0.0935	0.2682	0.1717	0.6331	0.172	-0.2822	-0.4395	-0.5588	-0.389	-1.1536
PBANKA_060850	-0.1211	-0.039	-0.0255	0.0007	0.077	-0.9437	0.5761	0.7247	0.7497	0.827	0.312	0.6757
PBANKA_110450	-1.2399	-0.7836	-0.8663	-0.25	-0.0592	0.2238	0.4702	0.4466	0.6683	0.5228	0.0305	0.2957
PBANKA_141410	-0.5661	-0.6239	-0.23	0.2065	0.3439	0.4321	0.0968	0.2892	0.3725	0.3954	1.1698	0.5696
PBANKA_143210	0.6002	0.1491	0.1217	0.5476	0.097	0.4424	-0.1176	-0.3331	-0.135	-0.2429	-0.0988	-0.2562
PBANKA_103920	-0.4403	-0.4861	-0.2521	-0.9953	-0.1283	0.5574	0.6078	0.8206	0.8992	0.8971	0.0083	-0.1848
PBANKA_141450	-0.0251	-0.1403	-0.047	-0.0448	-0.197	-0.1315	-0.4854	-0.0616	0.1187	0.3585	0.4354	1.3807
PBANKA_134960	0.1701	0.5223	0.235	0.0103	0.3332	0.1912	0.0272	-0.1716	-0.1544	-0.294	-0.4547	-0.6056
PBANKA_123530	-0.4851	0.1467	0.2289	0.1227	0.0233	0.3082	0.132	0.0831	0.1414	-0.259	-1.1523	-0.8555
PBANKA_136070	0.0204	0.2831	-0.2402	-0.2731	-0.1833	0.0042	0.2423	0.3107	0.3113	0.3606	0.1598	0.0402
PBANKA_142290	-0.3644	0.2591	-0.5305	-0.6659	-0.55	-0.2889	-0.5221	-0.1952	-0.0255	0.2892	1.3572	1.5836
PBANKA_132320	-0.1223	-0.0326	-0.2299	0.1192	0.2289	-0.1899	-0.3831	-0.2774	-1.054	-0.2057	-0.6704	-0.8198
PBANKA_041660	-1.0293	-0.1586	-0.4877	-0.283	-0.1192	0.1638	-0.457	-0.2547	-0.5547	-0.272	-0.2507	-0.4794
PBANKA_070790	-0.4224	-1.0617	-0.1126	-0.2001	0.0562	0.0539	0.3926	0.3742	0.3844	0.3419	-0.1367	-0.2434
PBANKA_143480	0.0854	-0.1656	0.5704	-0.1145	0.2357	0.0068	-0.2618	-0.1173	-0.1201	-0.0277	0.0344	-1.0205
PBANKA_103950	-0.4224	0.0643	0.2819	-0.2437	-0.1889	-0.0329	0.2767	0.3927	-0.1771	-0.1431	-0.4823	-1.2153
PBANKA_122180	0.2706	0.4604	0.0452	0.1665	0.2423	0.7334	-0.2311	0.0378	-0.3367	-0.3315	-0.1672	0.0738
PBANKA_081990	0.0886	-0.2447	0.0466	0.202	0.122	-0.0107	-0.1266	-0.1718	0.1293	-0.1425	0.0341	0.7264
PBANKA_120420	-0.3368	-0.1447	-0.9331	0.1913	-0.4712	-0.6332	-0.4325	0.1268	0.5987	0.837	1.0309	1.6004
PBANKA_144720	-0.2538	0.1662	-0.0818	0.0541	-0.0621	-0.0063	0.3847	0.529	0.4542	0.6886	-0.3293	0.7738
PBANKA_070450	0.2916	0.5566	0.0732	-0.6219	0.0867	-0.0187	-0.2933	-0.1954	-0.5034	-0.2869	-0.0176	-0.1366
PBANKA_040710	0.3456	0.7142	0.0368	-0.189	0.1017	0.392	0.0556	0.1272	-0.1021	-0.2715	-0.5001	-0.0003
PBANKA_142640	-0.4324	0.5658	-0.6091	-0.3778	-0.5894	-0.5155	-0.4959	-0.3839	-0.7432	-0.4012	-0.8925	-1.0265
PBANKA_143550	-0.0582	-0.3025	-0.1039	-0.227	-0.0788	-0.0123	0.4085	0.3219	0.3251	0.2375	-0.1913	-0.4302
PBANKA_060210	-0.1539	-1.1163	0.2327	0.4367	-0.1027	0.3818	0.4122	0.3643	-0.2164	-0.4722	-0.9352	-0.8482
PBANKA_136200	0.5578	0.3694	0.6556	-0.2125	0.0297	0.2862	0.1556	-0.4014	-0.2821	-0.1798	-0.4847	0.2587
PBANKA_051160	0.0546	0.6396	0.2657	0.3207	0.1538	0.1664	0.0505	-0.102	-0.6106	-0.5482	-0.4275	-0.319
PBANKA_010860	0.376	0.2584	0.4381	0.4983	0.257	0.4211	0.0108	0.0482	-0.2423	-0.5694	-0.8921	-0.9817
PBANKA_090180	0.0446	-0.0703	-0.1277	-0.1064	0.2198	0.1507	0.0539	0.0806	-0.0963	0.0082	-0.4981	-0.2502
PBANKA_144310	0.3791	-0.5519	0.0982	-0.0306	0.1282	-0.1693	0.5171	-0.1002	-0.1613	0.1601	0.1941	0.0223
PBANKA_132840	-0.9541	-0.2544	-0.3442	-0.1094	-0.1403	0.3318	0.2091	0.1679	0.027	-0.2288	-0.8666	-0.5841
PBANKA_135230	0.1013	-0.0402	0.3056	0.1945	0.4592	0.2897	0.1187	-0.047	-0.4809	-0.8394	-1.8033	-1.5647
PBANKA_082600	0.3324	0.2972	0.2184	0.1407	0.6188	0.2606	0.1251	0.1719	0.427	0.0874	0.3221	0.4568
PBANKA_114090	0.1942	0.1499	0.0782	0.405	0.1735	0.1015	-0.255	-0.3025	-0.9706	-0.9613	-0.9427	-0.5738
PBANKA_021430	0.0023	0.427	0.41	-0.0233	-0.0395	0.7201	-0.2492	-0.22	-0.1675	-0.3267	-0.1092	-0.5522
PBANKA_080190	0.4737	0.3915	0.1909	0.2972	0.1532	-0.1947	0.0869	-0.2345	-0.2126	-0.4153	-0.3094	-0.209
PBANKA_081660	-0.0021	0.3914	0.2538	-0.2026	0.1329	0.0067	-0.0289	0.0254	0.4482	0.0657	0.3305	0.541
PBANKA_120590	0.0035	0.1801	-0.0059	-0.3791	0.1825	-0.6099	-0.3463	-0.3104	-0.0962	0.134	0.5842	0.7345
PBANKA_113800	-0.295	-0.8691	-0.3268	-0.0134	0.2788	0.7085	0.5178	0.1716	0.2436	0.0515	-0.5774	-0.5485
PBANKA_101960	0.5914	0.4213	0.1196	0.195	0.0042	-0.1134	-0.0497	-0.1072	0.0631	-0.2073	0.1551	0.1588
PBANKA_121650	-0.2161	0.3415	0.7588	0.0365	0.7752	0.1806	-0.1567	-0.821	-1.6848	-1.9762	-1.5342	-2.2872
PBANKA_130950	0.4718	0.1167	0.3205	0.3018	0.0559	-0.2212	-0.2558	-0.7656	-0.3661	-0.503	0.291	0.2171
PBANKA_091160	-0.3048	0.3785	-0.2685	-0.4853	0.0811	0.3838	-0.122	-0.1538	-0.2782	-0.4086	-0.4969	-0.3923
PBANKA_080730	0.1329	0.8195	0.1616	0.4782	0.297	0.2421	-0.1049	-0.2798	-0.3125	-0.4273	-0.1846	-0.2886
PBANKA_080860	-0.5859	0.0976	-0.2168	0.2917	0.0225	0.0972	0.1171	0.3283	0.4767	0.3419	0.9905	0.3203
PBANKA_041180	0.1075	0.5558	0.5198	0.0013	0.1783	-0.134	-0.1991	-0.3569	-0.4981	-0.4851	0.0121	-0.2366
PBANKA_101380	-0.3842	-1.0582	-0.3095	-0.0126	0.1295	0.6119	0.4255	0.3702	-0.0433	0.0066	-0.931	-0.9988
PBANKA_100310	0.3052	0.8099	0.3454	-0.061	0.1013	0.0833	-0.1648	-0.1125	-0.4336	-0.3233	0.1294	0.0398
PBANKA_040150	-0.1245	-0.0526	-0.0192	0.0219	0.07	-0.2416	0.3245	0.2162	-0.2728	-0.3204	-0.7269	-0.9055
PBANKA_102460	-0.0155	-0.1	0.0777	0.4462	0.3488	0.5324	0.112	0.0768	0.3011	-0.3702	-0.8874	-0.4528
PBANKA_132440	0.1782	0.4931	0.2913	0.4435	-0.0201	0.2201	-0.3041	-0.5947	-0.4807	-0.879	-0.4537	0.3574
PBANKA_143610	-0.4079	0.1738	-0.1438	-0.2694	0.1328	-0.6437	0.0394	0.6973	0.266	0.2961	-0.0522	-0.6046
PBANKA_100740	-0.123	-0.2606	-0.2831	-0.4341	-0.5879	-0.4607	-0.3426	0.1423	0.5947	0.9461	1.1087	0.8768

PBANKA_112020	0.1505	-0.0561	0.3659	0.6695	-0.1766	0.3533	-0.3461	-0.6984	-0.5039	-0.6432	-0.2463	-0.4713
PBANKA_010530	0.5576	0.9766	0.1285	0.0425	-0.0109	-0.3122	0.1661	-0.2451	-0.0164	0.1374	0.1762	0.3697
PBANKA_142150	-0.4587	-0.248	-0.195	-0.33	-0.2187	-0.0806	-0.4029	0.0519	0.4667	0.7157	1.0904	1.3892
PBANKA_102090	0.3401	0.4053	-0.1642	0.339	-0.0019	0.7034	0.2783	0.2578	-0.1443	-0.0472	0.0037	0.3043
PBANKA_133720	-0.1286	0.2136	0.0681	-0.0055	0.0545	0.1747	0.0113	0.091	0.319	0.399	0.2026	0.1443
PBANKA_081610	0.0085	-0.0396	0.062	0.2906	0.2821	0.1935	0.5179	-0.1296	-0.3623	-0.7187	-1.0286	-1.5225
PBANKA_102080	-0.09	-0.376	-0.2246	-0.0612	-0.5805	-0.4426	-0.0552	-0.5078	-0.5637	0.0163	0.0028	-0.0396
PBANKA_143720	-0.3045	-0.0478	-0.1487	0.3951	0.1091	-0.6261	-0.2339	-0.6062	-1.0691	-0.855	-1.0467	-0.728
PBANKA_102880	-0.0903	0.2546	-0.1103	0.0345	0.03	-0.2437	0.1811	-0.172	0.1197	-0.3946	-0.4911	0.0905
PBANKA_134100	0.1212	-0.4282	0.0833	0.2495	0.3607	0.0137	0.2186	0.3873	0.4639	0.4249	0.3464	0.285
PBANKA_113610	-0.1934	0.0462	0.18	-0.3302	-0.2108	-0.488	-0.0216	-0.237	0.0621	-0.3701	-0.7941	-0.6869
PBANKA_136230	-0.1775	-0.0737	-0.1202	0.0324	0.1419	0.2601	0.3879	0.5292	0.3646	0.3677	-0.2739	-0.5861
PBANKA_146420	-0.5517	-0.396	-0.2991	0.1997	0.2923	0.6827	0.5492	0.0922	-0.0771	-0.2939	-0.9042	-0.75
PBANKA_114330	0.4321	0.6835	-0.3413	-0.0981	-0.2544	0.0656	-0.3066	0.2658	0.6187	0.6222	1.2632	1.7314
PBANKA_060150	0.1905	0.1966	0.2481	0.0707	-0.0865	0.3452	0.0657	0.066	0.1964	0.0978	-0.3775	-0.0538
PBANKA_134460	0.1175	-0.2093	0.202	-0.076	-0.2043	0.1236	0.3409	-0.0917	-0.0215	0.2296	0.1612	0.3371
PBANKA_134500	-0.286	-0.4801	0.2072	0.3311	0.2364	0.8881	-0.0581	-0.466	-0.5953	-0.8299	-0.3693	-0.4201
PBANKA_041150	-0.0993	-0.2459	0.1515	0.1618	0.0446	0.0707	0.4163	0.1482	0.0184	-0.2606	-0.8317	-0.5012
PBANKA_103610	0.2521	0.5047	0.2743	0.5187	0.4469	0.3174	0.1111	0.06	-0.1095	-0.1285	0.285	0.399
PBANKA_133420	0.2492	0.0817	0.0771	0.2532	-0.1247	0.0042	-0.2422	-0.3842	0.2054	0.1265	0.3547	1.2844
PBANKA_050250	-0.2688	0.6406	-0.0832	-0.2199	-0.0228	-0.2294	-0.0665	0.4106	0.5032	0.6486	0.5535	0.1215
PBANKA_142440	-0.4704	0.1574	-0.1116	0.0286	0.247	0.2857	-0.0659	0.0023	-0.4148	-0.7476	-0.537	-1.3106
PBANKA_094350	0.5537	0.1557	0.2796	0.0209	-0.0631	0.3694	-0.1071	-0.4533	-0.3888	-0.1447	0.2898	0.1209
PBANKA_081810	0.7345	-0.4893	0.3167	0.695	0.7022	-0.1641	-0.0787	0.0997	0.4713	-0.1599	-0.2352	-0.847
PBANKA_052380	-2.0973	-1.2533	-1.9725	-1.5271	-1.0899	0.0325	0.668	0.8026	1.2798	1.4163	0.437	0.0092
PBANKA_124110	-0.8659	-0.7962	-0.5573	-0.0709	-0.3487	0.4473	0.4922	0.4774	0.2049	0.1536	-0.6438	-0.2764
PBANKA_120170	0.3957	0.1643	0.0986	0.3776	0.0993	0.001	-0.4017	-0.6358	-0.6518	-0.4478	-0.3943	0.5794
PBANKA_123920	0.4913	-0.563	0.0766	0.4248	-0.198	0.7641	0.0154	-0.3385	-0.079	-0.3655	-0.0116	0.0504
PBANKA_134800	0.0646	0.1416	0.4537	0.0322	-0.2101	-0.2005	0.142	-0.077	-0.4313	-0.3627	-0.8285	-0.2729
PBANKA_122790	0.4627	0.4166	-0.1998	-0.4461	0.3217	-1.848	-0.1641	-0.3256	0.3048	-0.1294	0.6185	0.8058
PBANKA_021020	0.0101	0.5607	0.0524	-0.2179	-0.1809	-0.2467	-0.3305	-0.229	-0.5124	-0.1706	0.6508	1.0766
PBANKA_021130	0.0916	-0.4882	0.1035	0.4507	-1.5203	0.6855	0.1719	0.0054	-0.14	-0.1463	-0.3779	-0.6151
PBANKA_113930	-0.1255	0.1239	-0.1543	0.052	-0.0546	0.1718	-0.1714	-0.4153	-0.603	-0.7824	-0.775	-0.7949
PBANKA_102900	-0.5244	-0.279	-0.4799	-0.3797	-0.4392	-0.5043	0.0533	0.6187	0.9415	1.3305	0.9064	0.9999
PBANKA_100160	-0.6179	-0.3176	-0.4163	-0.1357	-0.0069	0.526	0.2732	0.1948	0.4854	0.2373	0.057	-0.1417
PBANKA_052320	-0.405	-0.2248	-0.0297	0.1311	0.3154	0.4472	0.2674	-0.0049	0.0179	-0.3118	0.301	0.1033
PBANKA_135100	0.4892	0.0959	0.3175	0.5817	0.0626	0.3313	0.0225	-0.0377	0.1882	0.2864	0.2026	0.0462
PBANKA_113290	0.1252	0.1519	-0.4114	-0.2864	-0.2019	-0.1797	0.0112	0.6156	0.2869	0.5128	-0.244	0.0364
PBANKA_010710	-0.4418	-0.2838	0.1422	0.3743	0.4987	0.2727	0.0087	-0.5158	-0.713	-1.3361	-1.7595	-2.08
PBANKA_092330	-0.2464	-0.1153	-0.2655	0.5625	0.4301	0.4374	0.2604	0.1886	0.1467	-0.1029	-0.2855	0.4174
PBANKA_112910	0.0512	-0.4574	-0.0262	0.201	0.1997	0.2174	0.0038	-0.1625	-0.1963	0.0731	-0.0083	0.0575
PBANKA_041070	0.3812	0.4528	0.663	-0.2901	0.5327	0.9134	-0.0424	-0.3095	-0.1405	-0.1546	-0.1407	-0.9197
PBANKA_144220	-0.2729	0.1552	-0.2974	-0.1878	0.1538	-0.2754	0.075	-0.0241	0.0939	0.1705	0.2222	-0.331
PBANKA_140910	0.0165	0.566	0.1986	0.2575	0.4169	0.243	0.0033	-0.1618	-0.4376	-0.5664	-0.3698	-0.8563
PBANKA_133390	0.521	0.334	0.3301	0.9307	0.4003	0.1727	-0.0303	-0.0673	0.0974	-0.3202	-0.5814	-0.623
PBANKA_123840	-1.1114	-0.5114	-0.314	0.0955	0.1701	-0.1286	0.224	0.1478	0.1306	-0.0809	-0.253	-0.2649
PBANKA_030550	0.5891	0.6114	0.4467	0.4658	0.1074	-0.0462	0.1063	-0.3667	-0.3004	-0.1286	-0.2	-0.1466
PBANKA_124230	0.2815	0.8388	0.4371	0.0022	-0.3131	0.3302	-0.0226	-0.3973	-0.5428	-0.8931	-0.9618	-0.233
PBANKA_131820	0.0352	-0.6647	-0.0761	0.2255	0.029	0.0903	0.124	0.1308	-0.0045	-0.1972	-0.3661	0.3254
PBANKA_040570	0.2992	-0.2238	0.2233	0.3881	0.0787	-0.3389	0.0919	-0.1092	0.0532	-0.202	-0.0082	0.2623
PBANKA_100600	-0.0274	0.039	0.2176	0.1008	0.166	-0.1325	0.1928	0.1024	-0.1975	-0.3252	-0.4824	-0.2755
PBANKA_100020	0.3068	0.246	-0.0729	0.3144	0.2509	-0.8767	0.0326	-0.1488	-0.0262	0.0399	0.8588	1.2122
PBANKA_100890	0.1285	0.0388	-0.0195	0.2767	0.4172	0.884	0.1788	-0.4241	-0.4168	-0.2155	-0.1044	-0.4516
PBANKA_132850	-0.1623	-0.2133	-0.2114	-0.0649	-0.8023	0.5609	-0.0737	-0.2701	-0.3502	-0.5316	-0.8439	-0.3255
PBANKA_134180	0.2604	0.0448	0.1758	0.2871	0.1184	-0.2053	-0.0121	-0.1001	0.2207	-0.0922	-0.3634	-0.4504
PBANKA_031210	-0.8326	-0.0845	-0.5467	-0.6794	-0.5628	-0.3467	0.2078	0.3172	0.42	0.4439	0.2078	-0.1621
PBANKA_123150	-0.0261	0.6072	0.4596	-0.1201	0.3953	-0.1391	-0.4177	-0.5473	-0.7845	-0.8368	-0.7261	-0.3494
PBANKA_021560	0.5306	0.3	0.3309	0.0699	0.0645	0.0174	-0.3993	-0.3909	-0.0572	-0.0359	0.6028	0.6358
PBANKA_092820	0.5289	0.5312	0.3176	0.297	0.3765	0.2539	-0.254	-0.0763	0.0231	0.1191	-0.051	0.6217
PBANKA_146350	0.062	0.6879	0.2124	-0.2928	0.2093	-0.1941	0.0053	-0.0487	0.1812	0.0891	0.1576	0.8245
PBANKA_100320	-0.2344	0.311	-0.0241	0.053	-0.1397	-0.0594	-0.1954	-0.4759	-0.5138	-0.1551	-0.4139	0.5635
PBANKA_124050	-0.0056	0.3147	0.48	0.3318	0.2841	0.3535	0.213	-0.1275	-0.19	-0.2859	-0.4492	-0.9712
PBANKA_135510	0.7868	0.3886	0.6177	0.4466	0.3698	-0.2806	-0.072	-0.901	-0.7076	-1.2828	-0.2567	-0.4845

PBANKA_081640	0.0517	0.8313	0.3304	-0.4095	-0.7841	0.0391	-0.1206	-0.4487	-0.6631	-0.3821	-0.0557	0.2812
PBANKA_144560	0.3817	-0.3771	-0.0402	-0.4024	-0.3862	-0.5626	-0.4728	0.1791	0.2619	0.6336	0.3651	0.6913
PBANKA_094340	-0.3312	-0.5525	-0.414	-0.0478	-0.217	-0.7202	-0.3021	-0.0277	0.396	0.5353	1.1992	1.5184
PBANKA_130390	-0.081	-0.8924	-0.0046	0.1207	0.1226	-0.2781	0.1313	0.7461	0.3178	0.5182	-0.148	0.3485
PBANKA_102920	-0.0852	-0.5388	0.163	0.1761	0.3824	-0.4125	0.323	0.0938	-0.053	-0.127	-0.8445	-0.4799
PBANKA_140620	0.1511	0.0096	-0.1326	0.0342	-0.0121	-0.1485	0.1926	0.0386	0.2559	0.2757	-0.0595	0.2526
PBANKA_021070	0.2711	0.5686	0.1146	-0.0613	0.2122	0.3058	0.0953	0.1574	0.0994	0.0902	0.1936	-0.3514
PBANKA_050240	0.4434	0.9149	0.3458	0.3939	0.3431	0.389	0.062	-0.1011	0.0809	0.0339	-0.3384	0.7971
PBANKA_030830	-0.6555	-0.0387	-0.3046	-0.3467	0.014	0.345	-0.0574	0.4051	0.3595	0.4455	-0.2128	-0.3104
PBANKA_145340	-0.5153	-0.9088	-0.0698	-0.4199	-0.1531	-0.365	0.0399	0.3392	0.6914	0.7141	0.3162	0.4318
PBANKA_060350	0.1474	0.1721	0.2482	0.1164	0.0365	0.3673	0.1792	-0.0212	-0.109	-0.3592	-0.4242	-0.0029
PBANKA_010390	0.1976	0.2726	-0.1102	-0.5914	-0.0931	-0.6713	-0.2724	0.397	-0.4804	-0.0497	0.8604	0.3373
PBANKA_041690	0.4099	0.3829	0.2338	0.5613	0.2224	0.3353	-0.1498	-0.4248	-0.8384	-0.8397	-1.077	-1.2814
PBANKA_070440	-0.093	-0.4137	0.0144	0.1846	0.2581	0.6535	0.5076	0.6347	0.6562	0.5272	0.3829	-1.4936
PBANKA_135550	0.2994	0.6353	0.0344	0.2598	0.4808	0.0148	-0.4166	-0.5472	-0.8893	-0.7955	-0.4534	-0.3548
PBANKA_131710	-0.2352	0.1058	0.1062	0.3482	0.0312	0.3454	0.0764	0.1804	-0.1795	-0.1052	0.0131	0.0027
PBANKA_071850	-0.1329	-0.3029	-0.197	0.1302	0.1127	-0.0472	-0.2687	-0.1938	-0.3897	0.0217	-0.8309	-0.4728
PBANKA_091180	0.5217	0.2674	0.3541	0.2108	0.2551	0.0714	0.0157	0.0122	-0.1967	-0.2663	-0.2803	-0.5858
PBANKA_093350	-0.5545	-0.5549	-0.6538	-0.2934	-0.5156	-0.095	-0.0408	0.0248	0.2335	0.1106	-0.3683	-0.3345
PBANKA_121700	0.2865	-0.0342	0.0056	0.106	0.1987	0.2219	-0.1504	-0.4438	-0.662	-0.6849	-0.751	-0.3835
PBANKA_092290	0.2184	0.6536	0.3284	0.1558	-0.0891	-0.0299	-0.026	-0.0871	-0.2685	-0.3858	0.0714	0.5008
PBANKA_121510	-0.4846	0.2596	-0.3219	-0.0522	-0.3282	-0.8758	0.138	0.3911	0.6018	0.8765	0.8398	0.1851
PBANKA_051270	-0.7575	-1.0684	-0.4687	-0.1076	-0.0559	-0.0984	0.5346	0.7006	0.7217	0.7571	-0.0703	-0.1621
PBANKA_130190	-0.3051	0.2544	-0.3348	-0.4419	-0.0159	-0.4721	0.3665	0.2224	0.1378	0.2673	-0.676	-0.3119
PBANKA_111650	0.3308	0.6939	0.3055	0.1004	0.0729	-0.1127	-0.0106	-0.1264	-0.2334	-0.3372	-0.234	-0.3071
PBANKA_031530	0.2612	0.3138	0.1965	0.5025	0.2983	-0.2131	-0.1457	-0.0532	0.1443	0.1179	-0.2103	0.0451
PBANKA_052410	-0.405	0.0194	0.1287	-0.68	-0.2702	-0.2509	-0.457	-0.0505	0.6325	0.7862	0.8872	1.7165
PBANKA_052360	-0.399	-0.2506	0.0418	0.3787	0.4613	0.1421	0.2974	0.1097	-0.2417	-0.7144	-0.9045	-0.6165
PBANKA_146180	-0.5705	-0.3444	-0.2189	-0.0348	0.3332	0.2639	0.279	0.019	-0.4753	-0.6653	-0.9951	-1.2826
PBANKA_010750	0.7061	-0.0732	0.5542	0.5779	0.272	0.8704	0.2502	0.4976	-0.2068	-0.3778	0.0338	-0.5661
PBANKA_124390	-0.7577	-0.3858	-0.4799	-0.0742	0.065	0.1001	0.2385	0.6603	0.5619	0.7958	0.102	-0.6198
PBANKA_060660	0.2948	0.6379	0.0461	-0.0494	0.0633	-0.4864	-0.5752	-0.4478	-0.1726	0.1802	0.7565	1.264
PBANKA_091820	0.2771	1.2553	0.299	0.0182	-0.0276	0.016	-0.026	-0.0512	0.2317	0.4859	0.3446	0.3567
PBANKA_130260	-0.2723	-0.2322	-0.077	0.2164	0.2186	0.0963	0.2889	0.2652	0.0985	-0.0231	-0.2985	-0.5661
PBANKA_100650	-0.157	0.1436	-0.2226	-0.1213	-0.2179	0.5396	-0.2951	-0.4875	-0.6415	-0.6137	-0.6981	-0.5179
PBANKA_070160	0.8685	0.3333	0.6088	0.2908	0.5372	0.0649	-0.3555	-0.565	-0.8889	-0.9269	-0.9389	-0.4163
PBANKA_123520	-0.1068	-0.0415	0.0216	0.2095	0.2905	0.5497	0.1249	0.1827	-0.2617	-0.2458	-0.5532	-0.6378
PBANKA_100230	0.0014	0.1053	0.0688	-0.0463	0.3081	-0.6318	0.1001	0.3072	0.0614	-0.0305	-0.169	0.3874
PBANKA_092400	-0.2145	-1.4004	-0.4965	-0.3055	-0.2828	-0.2226	-0.3465	0.0283	0.3515	0.3132	0.4544	0.9298
PBANKA_082880	-0.7171	-1.3241	-0.7167	0.2909	0.1704	0.6681	0.5319	0.4843	0.1428	0.3848	-0.5101	-0.0415
PBANKA_050190	0.733	0.0333	0.576	0.1605	0.171	-0.1907	0.1658	-0.4819	-0.3021	-0.4869	-0.2566	-1.0903
PBANKA_071510	-0.0736	-0.9616	0.2433	0.5873	0.6622	0.4133	0.5316	0.1843	-0.2496	-1.0166	-1.7488	-1.4241
PBANKA_100770	0.1873	0.3806	-0.0986	0.137	0.2678	-0.1004	-0.1303	-0.2673	-0.6875	-0.5007	-0.5737	-0.8584
PBANKA_081560	0.3977	0.1445	0.3746	0.195	-0.1322	0.134	0.0598	0.0895	0.5843	0.3647	-0.8064	-0.2052
PBANKA_081430	0.3309	-0.0742	0.3672	0.265	0.1767	0.4139	-0.0366	-0.3693	-0.3915	-0.7211	-0.7736	-0.8285
PBANKA_092260	-0.6244	-0.1247	-0.5903	-0.2754	-0.3351	-0.018	-0.0909	0.1907	0.4168	0.6328	0.8528	-0.0524
PBANKA_052280	0.3069	0.1763	0.2311	0.5021	0.1957	0.2903	-0.3266	-0.0181	0.3233	0.0265	0.5522	-0.0846
PBANKA_136120	0.1411	-0.4008	-0.0547	0.0537	0.145	0.0966	0.1481	0.1102	0.1701	0.443	-0.3435	0.6079
PBANKA_061970	-0.1134	-0.5043	-0.308	-0.1511	-0.841	0.395	0.2585	0.6844	0.7484	1.1915	0.5774	-0.244
PBANKA_145620	0.6765	0.8679	0.3387	0.2303	0.3469	-0.3855	-0.2195	-0.0565	-0.2832	-0.3878	-0.671	-0.2423
PBANKA_113190	0.3056	0.7532	0.1573	-0.1819	0.0563	0.0559	-0.1925	-0.1663	-0.089	-0.1432	-0.1835	0.5321
PBANKA_093320	-0.0785	-0.2077	0.0781	0.0415	0.0206	0.0354	-0.1715	-0.5661	-0.5475	-1.3207	-1.2582	-1.1292
PBANKA_010030	0.4992	0.6094	-0.1135	0.0317	-0.1902	0.0803	-0.1357	0.0951	0.1681	0.2628	0.4615	1.0744
PBANKA_050910	0.0547	0.7854	-0.0287	0.355	-0.0522	0.3146	-0.1079	-0.135	-0.3565	-0.2864	0.1866	-0.1378
PBANKA_146220	0.3123	1.2997	0.1651	0.1536	0.0708	0.1933	-0.1267	-0.0188	-0.388	-0.1706	-0.0381	0.5114
PBANKA_121020	1.382	-0.0632	0.4445	0.2084	0.2445	-0.2505	-0.8205	-0.625	-0.4159	-0.3388	-0.6349	-0.4955
PBANKA_100810	0.6436	0.3849	0.1358	0.3132	0.0714	0.0674	-0.5448	-0.3101	-0.6277	-0.648	-0.1823	-0.2811
PBANKA_142940	-0.7633	-0.156	-0.8483	0.1032	-0.246	0.1421	0.2149	0.4198	0.7058	0.9254	0.514	0.4915
PBANKA_041310	-0.0364	0.3977	0.1414	0.1233	0.1267	-0.2027	0.1121	0.2451	0.4451	0.1938	-0.2616	0.1043
PBANKA_121060	-2.0103	-1.3144	-2.2149	-1.0175	-1.1259	-0.1507	0.5714	1.098	1.6499	1.8111	0.1143	0.1754
PBANKA_130570	-0.2004	-0.2491	0.423	0.5792	0.3013	0.8557	0.2102	-0.0834	-0.0985	-0.1589	-0.2672	0.2944
PBANKA_020350	0.1311	0.1407	0.0927	0.2505	-0.0937	0.1963	-0.1996	0.0194	-0.2745	-0.1311	0.1655	0.336
PBANKA_131860	0.084	-0.8773	-1.3289	-1.0337	-0.7272	-0.2268	-0.8577	-0.4986	0.0314	0.4311	1.4945	1.9847

PBANKA_102350	0.6696	0.088	0.477	0.397	0.4381	0.376	-0.2921	-0.5805	-0.47	-0.8437	-0.3219	-0.3242
PBANKA_080610	0.2928	1.5842	0.0767	-0.0946	-0.162	-0.7716	-0.4631	-0.3097	-0.1634	0.2892	1.2478	0.8638
PBANKA_071650	-0.2506	-0.7571	-0.4172	-0.6128	-0.857	0.2542	-0.1572	-0.5377	-0.4665	-0.0013	0.014	0.2607
PBANKA_072030	0.2825	0.1245	0.2516	0.2455	0.093	0.2046	-0.4678	-0.6084	-0.6475	-0.7505	-0.3612	-0.0554
PBANKA_121240	-0.4343	0.1439	-0.325	-0.4086	-0.1219	-0.003	-0.1347	0.3159	0.4037	0.4072	0.6186	0.4112
PBANKA_142970	0.6815	1.1954	0.4592	0.0065	0.2029	0.3227	-0.2922	-0.5717	-0.5355	-0.4277	-0.5017	-0.8567
PBANKA_146090	-0.3781	0.1359	-0.3215	0.0913	-0.0555	-0.0211	0.2372	0.076	-0.296	0.2808	0.07	0.0175
PBANKA_090560	0.4589	0.3919	0.1675	0.2744	0.1981	-0.2031	-0.7603	-0.5463	-0.6049	-0.6053	-0.5054	0.2401
PBANKA_140770	0.581	0.7642	0.2897	-0.3613	-0.1107	0.3713	0.203	0.4314	-0.091	0.1602	0.2741	0.0314
PBANKA_020370	-0.4203	-0.4552	-0.073	-0.1124	0.0614	0.3192	0.2183	0.1608	0.2265	0.239	0.3994	0.0043
PBANKA_061190	-0.6206	-0.3065	-0.4528	0.1726	0.118	0.1468	0.7089	0.396	-0.3028	-0.3748	-0.0674	-0.6448
PBANKA_113400	0.3308	0.1286	0.3278	0.2245	0.0769	0.1056	-0.0367	0.0759	0.0162	0.3066	0.5904	1.1498
PBANKA_082790	-0.465	-0.2713	0.0668	-0.0316	0.1954	0.4525	0.2325	-0.0913	-0.245	-0.361	-0.5142	-0.6929
PBANKA_145800	0.9749	0.7775	0.3729	0.3483	0.2346	-0.041	-0.2265	-0.4752	-0.8124	-0.7412	0.0469	-0.589
PBANKA_082530	0.1079	-0.0121	0.3825	0.4314	-0.1183	0.7948	-0.2937	-0.0083	0.1647	-0.0282	-0.3684	-0.2713
PBANKA_123010	0.142	0.0202	0.5059	0.8734	0.542	0.8162	0.374	0.8565	0.4964	0.3641	-0.0022	0.2821
PBANKA_135350	0.0219	0.3565	0.155	0.3935	0.1824	-0.1797	-0.2652	-0.5093	-0.6077	-0.2295	-0.8213	-0.1294
PBANKA_124360	0.1909	0.5175	0.1513	0.297	-0.5617	-0.7078	-0.0324	0.0167	-0.081	-0.123	-0.0019	-0.2123
PBANKA_021040	-0.6189	-0.7222	-0.6068	-0.5443	-0.0833	-0.0989	0.2294	0.2725	0.1252	-0.0826	0.1779	-0.4481
PBANKA_144530	0.0906	0.2065	-0.3724	0.4069	0.3367	0.3459	0.2699	-0.0349	0.0665	-0.2223	-0.368	0.3255
PBANKA_120980	-0.5133	-0.2877	0.1622	0.0745	0.2884	0.1036	0.2627	0.0847	-0.9559	-1.0633	-1.1836	-1.643
PBANKA_092780	0.1921	-0.0377	0.0116	0.3125	-0.0272	0.0958	-0.2066	-0.4887	-0.541	-0.6223	-0.1825	0.41
PBANKA_082080	-0.5059	-0.6061	-0.3354	-0.2	-0.2709	0.4596	0.3785	0.2102	0.7848	0.7944	0.3934	-0.473
PBANKA_082500	1.0011	0.3627	0.9597	0.7873	0.4955	1.2076	0.2119	-0.3037	-0.6149	-0.6008	-0.6654	-0.011
PBANKA_070730	0.2284	0.158	-0.0169	-0.1654	-0.0545	-0.0026	-0.1716	0.1088	0.3309	0.452	0.7452	1.0313
PBANKA_124060	-2.0634	-1.2159	-2.5713	-1.3484	-2.1252	-1.0356	0.3401	0.9165	1.4445	1.8186	1.0636	0.4567
PBANKA_123950	0.6584	-0.0811	0.2595	0.6953	0.2783	0.294	-0.2434	-0.4554	-0.8314	-1.1626	-1.3024	-1.1187
PBANKA_071310	-1.6403	-0.9727	-1.4121	-0.9475	-0.826	-0.059	0.5117	0.5545	0.9687	1.237	0.6495	0.4332
PBANKA_071120	-0.0899	0.3787	0.1028	-0.1276	-0.2561	-0.0643	-0.1337	0.042	0.3214	0.1161	-0.0533	-0.562
PBANKA_041460	0.0989	0.3188	0.0831	0.357	0.0769	0.0151	-0.1631	-0.3618	-0.468	-0.9671	-0.631	-0.4348
PBANKA_031250	-0.1187	0.0886	-0.0508	-0.2811	-0.1597	-0.8315	-0.068	0.1393	0.2179	0.1479	0.0948	0.2659
PBANKA_050690	-0.4539	-0.44	-0.4193	-0.8626	-0.3294	-0.3307	0.0836	0.222	0.5881	0.4418	-0.5507	-0.1002
PBANKA_081130	0.0537	0.6028	-0.0938	-0.0148	-0.1631	0.1118	-0.1936	-0.3442	-0.3238	-0.2491	0.1222	0.3914
PBANKA_071730	-0.1447	0.5556	-0.1213	-0.1477	-0.1	0.0767	-0.1902	-0.609	-0.0906	0.0265	-0.4552	-0.0317
PBANKA_141970	-0.0957	0.1094	0.1141	0.3914	0.2854	0.0751	-0.0599	0.196	-0.1089	0.0433	-0.1285	0.0779
PBANKA_113080	-0.0066	-0.0757	0.0153	0.0613	0.1862	0.0781	0.1759	-0.0272	-0.1379	-0.1604	0.1812	-0.6862
PBANKA_145740	0.496	0.5065	0.3253	0.3144	0.2312	0.0683	-0.1269	-0.2926	-0.3139	-0.5159	-0.0879	0.1099
PBANKA_041320	-0.206	-0.1056	0.0324	0.0124	0.2438	0.5333	0.4629	0.1611	0.0819	-0.4007	-1.2822	-0.6817
PBANKA_114230	0.0514	0.3565	-0.2085	-0.0859	-0.0542	-0.5104	-0.6837	-0.4569	-0.0516	-0.0437	0.5039	0.9472
PBANKA_143150	0.2491	0.4313	-0.213	-0.482	-0.098	0.058	-0.0433	0.2668	0.6961	0.6563	0.6362	1.074
PBANKA_051800	-0.4605	0.2959	-0.2022	-0.5992	-0.7698	-0.1778	0.1363	0.0277	0.0301	-0.142	-0.0961	0.2762
PBANKA_070310	-0.2067	1.136	0.0782	-0.7006	-0.0344	-1.196	-0.2122	0.137	-0.0644	-0.153	-0.4469	0.1635
PBANKA_070510	0.5539	0.1653	-0.2757	-0.1739	-0.3877	-0.388	-0.3196	-0.1605	-0.0277	0.9227	0.6284	0.9083
PBANKA_021270	0.225	0.1838	-0.2952	-0.612	-0.1396	0.1004	0.0775	0.3422	-0.0901	0.3569	0.5988	0.4254
PBANKA_020560	0.1904	-0.0746	0.4577	0.561	0.4171	0.1095	0.2151	-0.0977	-0.2892	-0.5265	-0.0967	0.1564
PBANKA_082770	-0.05	-0.5576	0.4041	0.581	0.465	-0.0573	0.3633	0.4094	0.049	-0.0734	-0.4879	-0.7933
PBANKA_132830	0.1599	0.5389	0.4839	0.0462	0.0725	0.3353	0.083	-0.4859	-0.3381	-0.2822	-0.4116	0.3051
PBANKA_133060	-0.0014	0.0125	0.1901	0.6149	0.3268	-0.0913	0.2769	-0.1284	-0.277	-0.5422	-0.7661	-0.5258
PBANKA_122100	0.7879	0.2829	0.6288	0.7722	-0.3302	0.489	0.3203	-0.1978	-0.6566	-1.1192	-1.4987	-0.9674
PBANKA_070360	0.198	0.5846	0.0453	0.0951	0.3605	0.0154	-0.4028	0.0213	-0.0276	0.3145	0.0612	0.2345
PBANKA_121090	0.746	0.0077	0.0007	-0.0965	0.068	0.1812	0.0095	0.0942	-0.2134	-0.0737	-0.205	-0.629
PBANKA_111660	0.5773	-0.492	-0.1088	0.9228	0.176	0.7647	0.1121	0.155	0.403	0.3635	0.1965	0.2713
PBANKA_100720	-0.0867	0.0926	0.1582	0.1202	0.1748	0.0107	-0.594	-0.5731	-0.7731	-0.5457	-0.6416	-0.405
PBANKA_010280	-0.0408	0.1379	0.1187	0.1454	0.2134	0.5425	-0.0126	0.1348	-0.1132	-0.3613	-0.6185	-0.4687
PBANKA_020870	0.3022	0.3719	0.1966	0.0582	-0.0691	0.1551	-0.0022	-0.6641	-0.7121	-1.0724	-0.6309	-0.0766
PBANKA_122130	0.4142	0.2888	0.0794	-0.1579	0.1748	0.325	0.1284	0.2135	0.3679	0.3874	0.3872	0.721
PBANKA_051690	0.5245	0.0936	0.0486	-0.1046	-0.6163	-0.7757	-0.2231	-0.2134	-0.2462	0.3346	1.1381	1.0851
PBANKA_071760	0.2971	0.032	0.39	0.3727	0.5356	0.208	-0.1601	-0.3949	-0.2767	-0.1231	-0.2255	0.1116
PBANKA_133170	-0.94	-0.1442	-0.696	-1.031	-0.7445	-0.4021	-0.194	0.6455	1.0073	1.3739	1.1201	0.4493
PBANKA_145050	-0.0788	0.5925	0.1117	-0.3525	-0.1993	-0.1261	0.0856	0.226	-0.2349	0.093	-0.1325	-0.1091
PBANKA_124000	-0.3147	0.0211	0.0999	-0.1243	0.4828	0.5211	0.2485	0.4997	0.5	0.3248	0.2283	-0.3405
PBANKA_122030	0.243	0.6235	0.0086	0.2218	0.0052	-0.1436	-0.1258	0.0777	-0.2668	-0.0139	0.5017	0.758
PBANKA_081170	-0.2195	-0.2385	0.3612	0.2269	0.4744	0.4584	0.237	0.289	0.2274	0.2105	-0.0269	-0.5478

PBANKA_091440	0.5323	0.7177	0.5928	0.1056	0.1653	-0.2121	-0.919	-1.5718	-1.654	-1.8266	-1.4135	-1.0308
PBANKA_091450	0.484	-0.5616	-0.091	-0.1419	0.2603	0.0989	0.1192	-0.3729	-0.0644	-0.0313	-0.1715	-0.2628
PBANKA_123240	-0.2351	0.5258	-0.2403	-0.2599	0.0192	0.0672	-0.1079	0.0696	0.2536	0.1671	0.5901	0.6022
PBANKA_121670	0.1281	0.2814	0.1292	0.0295	0.1476	-0.5437	0.1883	0.0462	0.0704	0.0911	-0.0472	-0.405
PBANKA_093870	0.8224	-0.3942	0.6252	0.728	0.1331	0.1939	-0.2722	-0.4929	-1.3784	-1.1968	-1.1902	-1.4951
PBANKA_145370	-0.8202	-0.6304	-0.5792	-0.0765	0.0202	-0.0303	0.303	0.3201	0.1381	0.2679	-0.0439	-0.1028
PBANKA_040910	0.5326	-0.1063	0.4403	0.3004	0.3055	0.3227	0.0822	-0.1714	-0.7714	-1.1496	-1.4042	-1.3871
PBANKA_122060	-0.2656	0.3708	-0.0416	-0.0906	-0.2857	0.7258	0.1551	0.3068	0.6614	0.47	0.2019	0.1093
PBANKA_101550	-0.0339	0.1364	0.2635	0.0145	0.199	0.7987	0.1848	0.4953	0.3306	0.5591	0.2157	-0.0681
PBANKA_130220	0.1584	0.2834	0.1438	0.1201	0.2788	0.2126	0.2762	0.1193	-0.1397	-0.2936	-0.2383	-0.3468
PBANKA_050600	-0.2818	-0.4751	-0.3839	-0.56	-0.2744	0.0433	0.2756	0.6069	0.483	0.4433	0.6742	-0.8709
PBANKA_101860	0.3666	0.6346	0.2756	0.1679	0.3383	-0.1111	-0.186	-0.4934	-0.5526	-0.9739	0.0082	0.4617
PBANKA_145550	0.1103	0.2083	0.0406	0.0829	0.0295	0.3167	-0.0721	-0.1818	-0.1547	-0.3179	-0.7871	-0.5489
PBANKA_103350	0.608	0.5373	0.3936	0.6601	0.1244	0.3298	0.1979	0.0024	-0.2081	-0.0866	-0.1557	0.8027
PBANKA_103500	0.2653	-0.7164	0.0819	0.2419	0.429	0.5624	-0.0148	0.2224	0.4401	0.4688	-0.2341	-0.1174
PBANKA_030700	0.2853	0.1781	0.1846	0.4127	0.0306	0.1022	-0.1669	-0.2337	-0.4358	-1.2542	-0.8009	-0.503
PBANKA_133210	0.8375	0.5473	0.7047	0.5966	0.7667	0.6942	0.0298	0.1436	0.0416	-0.2744	-0.6291	-0.8982
PBANKA_132270	-0.2021	0.9361	0.4143	-0.3398	0.0107	-0.2827	-0.6946	-0.4032	-0.2792	-0.0871	0.2642	0.9548
PBANKA_090370	-0.5527	0.14	0.0982	0.1763	0.2101	0.1986	-0.3777	-0.3069	-0.0992	-0.3223	-0.5526	-0.6808
PBANKA_103900	-0.4792	-0.268	-0.0969	0.4338	-0.166	-0.2446	0.1444	-0.2316	-0.4388	0.0546	0.2644	0.0875
PBANKA_062150	-0.0997	0.1378	-0.0886	0.3121	0.0158	0.0261	0.1692	0.1308	-0.0479	-0.1142	-0.5086	-0.4477
PBANKA_052090	-0.4011	0.0717	-0.2692	-0.3662	-0.1793	0.3123	0.05	0.1312	0.0154	-0.1711	-0.4477	-0.1668
PBANKA_133160	-0.3095	0.3797	-0.1881	-0.0208	-0.4216	-0.6549	-0.2342	0.3563	0.5893	0.7472	1.1381	1.1479
PBANKA_090870	-0.5707	-0.1508	-0.7902	-1.3978	-0.1253	-0.8308	-0.0454	-0.606	-0.5666	-0.4916	-1.0583	-0.8284
PBANKA_112770	0.5384	0.8756	-0.1135	0.3163	0.1522	-0.0763	0.1283	-0.0992	-0.4317	-0.2164	-0.6821	-0.4467
PBANKA_134290	-0.4611	0.0441	-0.1395	-0.5286	-0.2994	1.0406	0.4733	0.7088	0.5363	-0.0489	-0.0209	0.1636
PBANKA_124040	-0.1259	-0.3304	0.0707	-0.1271	-0.0089	0.1282	0.0049	-0.2128	-0.1902	-0.3419	0.3293	-0.2486
PBANKA_102020	-0.1221	0.149	0.3061	0.2784	0.0258	0.4102	0.2115	0.0078	-0.1187	-0.772	-0.8304	-0.8099
PBANKA_081760	0.6865	0.6194	0.4788	0.6136	0.0382	0.1631	0.0215	-0.404	-0.3148	-0.4375	-0.5611	0.4153
PBANKA_142500	0.5003	0.1939	0.2657	-0.2288	0.3553	-0.4281	-0.5166	-0.4458	-0.357	0.0904	0.769	0.8255
PBANKA_133600	0.1407	-0.491	0.4675	0.6011	0.4564	0.0503	-0.0822	0.0992	-0.7226	-1.1911	-1.0483	-1.577
PBANKA_142800	0.2584	-0.6156	-0.0351	-0.0206	-0.1266	-0.0782	-0.4105	-0.1246	-0.9055	-0.7247	-0.5372	-0.9436
PBANKA_133640	-0.4381	-0.2746	-0.4221	0.1629	-0.0685	0.3097	0.555	0.6189	0.5261	0.4948	0.2781	-0.8659
PBANKA_142720	-0.262	-0.2226	-0.1322	-0.0312	-0.3123	0.0218	0.2157	0.2395	0.0482	0.1921	-0.0691	-0.4566
PBANKA_136050	0.3901	0.7108	0.1128	-0.1092	-0.2764	-0.2673	0.2728	0.3652	0.3658	0.6118	0.0662	-0.5455
PBANKA_102400	0.2296	-0.1524	0.3648	0.1302	0.1488	0.501	0.1441	-0.0726	-0.0166	-0.6271	-0.6858	-1.2143
PBANKA_142190	0.2304	-0.3485	0.2421	0.8138	0.0992	0.5779	0.2803	-0.0399	-0.4727	-0.6382	-0.4676	-0.4114
PBANKA_081270	-0.4457	-0.4047	-0.4964	-0.2456	-0.2248	0.8548	0.0776	0.0922	0.0522	-0.0475	-0.8964	-0.9574
PBANKA_070560	-0.0414	-0.4377	-0.2391	-0.1314	0.124	0.249	0.1615	0.1042	0.5442	0.62	0.2613	0.0866
PBANKA_061460	-0.0051	1.0129	0.3762	0.5091	0.1974	0.4611	-0.0357	-0.373	-0.0197	-0.3986	0.1574	-0.413
PBANKA_000430	0.3531	0.4021	0.0946	0.1506	0.2656	0.8214	0.1144	-0.2185	-0.1512	-0.2853	-0.1642	0.7709
PBANKA_083550	0.0042	-1.0285	-0.2974	0.1981	-0.5772	0.4916	0.535	1.1583	1.0853	0.8885	-1.0106	-1.2485
PBANKA_110720	-0.408	0.1156	-0.0458	0.0694	0.0213	0.3069	-0.2138	-0.5255	-0.4724	-0.3651	-0.5332	0.0556
PBANKA_121980	0.0883	0.3073	0.2008	0.1377	0.4377	0.2707	-0.1554	-0.0978	-0.3794	-0.3382	-0.6309	-0.5907
PBANKA_145860	0.2539	0.3929	0.1244	0.5987	0.3121	-0.0779	-0.2619	-0.3818	-0.3211	-0.3777	-0.2004	-0.3842
PBANKA_091570	0.0564	-0.65	0.1418	0.2657	0.4834	0.554	0.045	-0.3154	-0.2917	-0.3332	0.017	-0.8514
PBANKA_071750	0.2335	0.4157	0.2917	-0.2093	0.149	0.1862	-0.003	-0.0564	-0.2961	-0.3794	-0.1424	-0.5103
PBANKA_081620	-0.4675	-0.1484	0.4004	0.2887	0.3347	0.93	0.454	0.472	0.8682	0.0691	-0.2642	0.429
PBANKA_020180	0.2494	-0.105	0.1876	0.6316	0.1537	-0.0347	-0.5571	-1.1418	-0.8068	-0.6894	-1.2562	-1.1195
PBANKA_071030	-0.2658	0.3305	0.2106	0.3587	0.081	0.0825	0.1838	0.1529	0.2018	0.3401	0.2803	-0.2788
PBANKA_082620	-0.3372	0.2052	-0.3433	0.2269	0.2216	0.5298	0.3541	0.1798	0.0403	0.223	-0.1076	0.5834
PBANKA_083560	-0.9707	-0.3619	-0.7999	-0.7611	-0.4168	-0.0238	-0.0795	0.2042	0.5568	0.5548	-0.1831	0.1472
PBANKA_081290	0.1317	-0.5362	0.0646	0.2165	0.437	0.1495	0.2189	-0.2547	-0.1792	-0.3661	-0.2769	-0.8173
PBANKA_110270	-0.0641	0.072	0.0191	0.3324	0.3264	0.2341	0.1231	0.0307	-0.196	-0.5073	-0.5248	-0.9348
PBANKA_081850	-0.161	0.0704	0.0155	-0.3134	-0.0741	0.0238	0.0501	0.1907	-0.2048	0.3938	0.216	0.2449
PBANKA_101600	-0.3774	0.2735	-0.212	0.1461	-0.1891	0.1198	-0.2516	0.1383	0.2301	0.4395	0.5075	0.3791
PBANKA_100530	-0.0703	0.2127	0.1364	-0.4555	0.3651	0.2129	-0.1658	-0.2313	-0.4868	-0.6246	-0.4517	-0.9615
PBANKA_070220	-0.0262	0.6836	0.2096	0.4353	0.0551	0.3413	0.0523	-0.3948	0.0419	-0.2082	-0.3691	-0.348
PBANKA_133830	0.3369	0.4247	0.2462	0.3695	0.0498	0.2603	-0.1578	-0.4673	-0.8625	-1.2482	-1.2692	-0.2878
PBANKA_143570	0.6164	0.6415	0.1256	0.1292	0.0081	0.0913	0.036	-0.2332	-0.3062	-0.1126	-0.0377	0.4097
PBANKA_010200	-0.0455	-0.9467	0.039	-0.195	-0.0817	-0.1776	-0.2819	-0.4976	-0.4418	-0.1689	-0.2593	-0.4201
PBANKA_141000	-0.2541	-0.0638	-0.0904	-0.0552	0.3354	0.2012	-0.2008	-0.506	-0.8725	-1.0418	-0.6611	-1.2305
PBANKA_142880	-0.3962	0.0357	-0.1549	0.1187	0.32	0.2672	0.1293	0.1555	-0.2652	-0.3559	0.0684	-0.3422

PBANKA_060240	0.1718	0.3854	0.0291	0.6951	0.3437	0.1549	-0.1573	0.0881	0.2016	0.1569	0.3157	-0.1569
PBANKA_062260	0.1609	0.6607	0.172	-0.017	-0.0172	0.2405	-0.2139	-0.0098	0.2598	0.3699	0.4482	0.9616
PBANKA_120850	-0.2086	-0.0237	0.2361	0.4096	0.3444	0.3785	0.2348	-0.0669	-0.1124	-0.2142	-0.2726	-0.5651
PBANKA_061520	-0.6489	0.0839	-0.5035	-0.2737	-0.0998	-0.0294	0.1581	0.3975	0.5516	0.9142	0.6397	0.7423
PBANKA_021440	-0.3975	0.0813	-0.0553	-0.2054	0.0565	-0.345	-0.3562	0.0501	0.1395	0.2149	0.4548	0.0727
PBANKA_020500	-0.61	-1.6349	-1.3161	-1.0521	-1.2605	-0.9912	-0.7795	-0.029	0.9544	1.2095	1.0457	1.3475
PBANKA_011230	-1.2776	-1.1401	-0.7469	0.028	0.5332	0.7095	1.0466	1.2398	1.7145	1.2452	0.7784	-0.7073
PBANKA_061900	0.3284	-0.7086	-0.0013	0.1793	-0.1065	0.4665	0.2078	0.3793	0.589	0.5409	0.5672	0.1715
PBANKA_131980	-0.3049	-0.0155	-0.4102	-0.1406	-0.1697	-0.0557	-0.3991	-0.2732	-0.9357	-0.4439	0.0759	0.2398
PBANKA_080840	0.1238	0.0591	0.2761	0.3824	0.2297	0.5508	0.1258	0.1053	0.144	0.4014	-0.2693	-0.4792
PBANKA_131430	-0.2386	-0.6161	0.22	0.364	0.3253	0.6688	0.1542	-0.2173	-0.0406	-0.2352	0.1267	0.0833
PBANKA_140280	0.6093	-0.2734	0.4	0.4587	0.499	0.5463	0.276	-0.3365	-0.1632	-0.9632	-0.8612	-1.4967
PBANKA_141790	-0.617	-0.5104	-0.6554	-0.2361	-0.0922	-0.1315	0.2	0.4218	0.2962	0.4123	-0.0525	-0.4969
PBANKA_071890	0.3707	1.0573	0.0601	-0.5369	0.0341	-0.1361	0.0081	0.2735	0.0818	-0.3244	-0.1418	-0.443
PBANKA_132140	0.5279	0.2313	-0.1909	-0.2683	-0.4501	-0.7583	-0.6213	-0.1146	0.4455	0.8204	0.6601	1.3433
PBANKA_134020	-0.1655	0.289	0.3693	0.2635	0.2676	0.3299	-0.5033	-0.6468	-1.1413	-1.3298	-0.9808	-0.7285
PBANKA_143790	-0.3219	0.4204	-0.3052	-0.6543	-0.391	0.0049	-0.095	0.2425	0.1728	0.2525	0.1859	0.3317
PBANKA_101450	-0.5078	-0.9858	-0.926	-0.8527	-0.9013	-0.1583	0.1507	0.9106	1.0102	0.5388	0.4913	-0.3692
PBANKA_101930	-0.351	0.1512	0.2124	-0.0284	-0.2913	-0.0621	-0.2225	-0.566	-0.8261	-0.8226	-0.7551	-0.4475
PBANKA_020290	0.1661	0.7022	0.5044	0.1933	0.1323	0.2226	-0.2413	-0.1125	0.2466	0.1442	0.5183	-0.0443
PBANKA_133520	-0.0432	-0.0424	0.212	0.0313	0.0605	-0.0593	-0.1111	0.0783	-0.3552	-0.0157	-0.7412	0.1034
PBANKA_092980	0.4002	0.6573	0.2345	-0.1088	0.2266	0.6361	0.0041	-0.2395	-0.128	-0.513	-0.5977	-1.1846
PBANKA_100510	0.4119	0.4187	0.0028	-0.1785	-0.2373	0.0585	-0.5163	-0.4627	0.0127	0.1998	0.8812	1.3808
PBANKA_090290	-0.0029	0.1648	-0.11	0.0428	-0.1872	0.1151	0.1828	0.0186	0.3134	0.1578	-0.2763	0.1362
PBANKA_081910	0.0838	0.2596	0.2408	0.3018	0.4154	0.108	-0.0555	0.0304	-0.3233	-0.4831	-1.1509	-0.6485
PBANKA_071790	0.127	0.566	0.3882	0.385	0.1488	0.382	-0.3225	-0.3592	-0.2611	-0.2296	0.0199	-0.1525
PBANKA_010920	0.3579	-0.1263	-0.0849	0.3597	-0.0969	-0.1609	-0.3401	-0.3784	-0.1821	0.231	1.2711	1.0225
PBANKA_081780	0.0711	0.7147	0.3247	0.271	0.2624	0.2185	-0.2782	0.0305	-0.4663	-0.7376	-0.8256	-0.2557
PBANKA_143580	0.028	-0.4984	0.0218	0.2383	0.2187	0.3081	0.265	0.0862	-0.2297	-0.151	-0.6731	-0.4021
PBANKA_080680	-0.1525	-0.6055	-0.2111	-0.2441	-0.1929	-0.5125	-0.2983	0.3104	1.0307	1.1213	1.1852	1.1238
PBANKA_136550	0.7595	0.9138	0.52	0.262	0.0846	-0.1126	-0.892	-1.2141	-1.3018	-1.6475	-0.5864	-0.3045
PBANKA_093270	0.0312	0.1184	0.4567	0.4693	0.2933	0.4495	0.3944	-0.189	-0.7094	-1.1561	-1.0572	-0.7292
PBANKA_120630	-0.3673	0.1289	-0.319	-0.3529	-0.183	0.0073	-0.314	-0.0822	-0.1101	0.266	0.817	0.8675
PBANKA_145220	0.6527	0.3391	0.0978	0.2379	-0.0287	0.146	-0.1307	-0.3865	-0.1942	-0.2446	0.7232	1.2059
PBANKA_080620	-0.0848	-0.4419	-0.1576	0.2821	0.3255	0.2867	0.0957	-0.255	-0.7328	-1.1065	-1.0802	-1.5297
PBANKA_103020	0.5185	0.1678	0.0622	-0.3455	-0.0361	0.0713	0.007	0.0696	-0.0378	0.0262	-0.2783	0.1044
PBANKA_120640	-0.5041	-0.2333	-0.2781	-0.1272	0.1047	0.4171	0.3188	0.0254	-0.2757	-0.1729	-0.4429	-0.9231
PBANKA_061570	0.2185	0.2163	-0.1275	0.1637	0.0699	0.0827	-0.0943	-0.0029	0.3406	0.3219	0.2941	0.0653
PBANKA_123810	-1.1006	-0.6403	-0.6188	-0.8653	-0.2323	-0.1255	-0.0151	-0.0256	-0.2718	-0.4021	-0.5287	-0.2859
PBANKA_051460	0.4459	-0.4158	0.3012	0.5794	0.1394	0.6204	-0.0252	-0.5588	-0.3171	-0.4193	-0.1335	-0.6525
PBANKA_111400	-0.1954	-0.0571	0.3227	0.0175	0.0557	-0.2759	0.2715	0.1731	0.0967	-0.0167	-0.0844	-0.4321
PBANKA_052140	0.4478	0.2983	-0.0748	-0.2283	-0.1724	-0.0804	-0.1362	-0.2243	0.3915	0.7199	1.1743	1.4358
PBANKA_020610	-0.1351	0.0746	0.2025	0.1352	0.3197	-0.6714	-0.0446	-0.304	-0.4043	-0.4627	-0.5042	-0.7058
PBANKA_142980	-0.0064	-0.3314	0.1525	0.1348	0.2666	0.5231	-0.1483	-0.1562	-0.2466	-0.7511	-0.7022	-0.4054
PBANKA_040800	0.0279	0.0503	0.3399	0.4098	0.4563	0.8399	-0.0866	0.0688	-0.3382	-0.456	-0.687	-0.5959
PBANKA_050490	0.3399	0.7251	0.1228	0.0092	-0.2048	0.423	-0.0259	-0.5876	0.0801	0.1607	1.2578	0.7451
PBANKA_093050	0.1502	0.1382	0.1342	-0.715	-0.0577	-0.147	0.0278	-0.1956	-0.4378	-0.355	-0.7494	-0.3333
PBANKA_111670	-0.0183	0.3105	0.1361	-0.3049	-0.2909	0.4905	0.1776	-0.032	0.1121	-0.0699	0.3267	0.017
PBANKA_101080	0.1114	0.5722	0.1557	0.1574	0.2428	0.2199	-0.2074	-1.4249	-1.5696	-2.2053	-1.1744	-0.7457
PBANKA_140860	0.2368	0.634	0.1789	0.1782	0.3218	0.15	-0.2077	-0.4493	-0.2525	-0.1802	-1.2852	-0.1117
PBANKA_080740	-0.1899	-0.2739	0.3629	0.7968	0.3586	0.2349	0.0195	-0.2156	-0.6388	-0.8699	-0.9538	-1.1114
PBANKA_111840	-0.2528	-0.3445	0.3424	0.2763	0.1026	0.7145	0.2084	-0.1053	-0.1603	-0.3863	-0.579	-0.4341
PBANKA_041050	0.3395	0.3905	0.2337	0.2433	0.0293	0.2454	-0.3091	-0.0563	0.2547	0.2015	0.1403	-0.2651
PBANKA_093140	0.3832	0.945	0.436	-0.5077	0.2514	0.2901	0.0283	0.2011	-0.5011	-0.7876	-0.2652	0.0882
PBANKA_040450	0.3723	0.4455	0.4246	0.3858	0.1595	0.6065	-0.0436	-0.2853	0.0126	-0.0949	-0.156	0.4072
PBANKA_050780	-0.3494	0.0915	-0.3404	-0.2402	-0.1071	-0.1027	0.1924	0.2687	0.4469	0.6544	0.2397	0.276
PBANKA_145030	-0.6481	-0.3425	-0.2601	0.0127	0.3843	0.2307	0.3045	-0.058	-0.564	-0.7784	-0.9669	-1.1205
PBANKA_041040	-1.5444	-0.7711	-1.5153	-0.6719	-0.5632	-0.0681	0.5442	0.6216	0.829	0.8469	0.1511	-0.0512
PBANKA_143510	0.1065	-0.6104	-0.008	0.6154	0.1874	0.2686	-0.0646	-0.4032	-0.8378	-0.9224	-0.7318	-0.6726
PBANKA_030750	-0.5271	-0.2661	-1.1042	-1.211	-0.2285	-0.036	0.4731	0.8969	1.3655	0.8377	0.3761	0.4533
PBANKA_130600	-1.105	-0.665	-0.3294	0.1461	0.1264	0.4523	0.1019	-0.3281	-0.0712	-0.7266	-0.7461	-0.6427
PBANKA_121470	-0.2007	-0.1942	0.0202	-0.2362	0.0665	0.8789	0.0744	-0.3453	-0.0096	-0.0822	-0.3807	-0.3804
PBANKA_124160	0.3491	0.1538	0.1456	0.6797	0.0253	0.4472	0.2335	0.14	0.0361	0.0803	-0.5191	-0.7759

PBANKA_061230	0.0217	0.7183	0.323	0.0013	-0.6023	0.5555	-0.102	0.1585	0.0113	-0.0071	-0.2984	0.2785
PBANKA_094160	0.3719	0.3787	0.0018	-0.1302	0.1912	0.6095	0.0164	0.2837	0.3797	0.389	0.2583	0.2039
PBANKA_083000	0.3411	-0.1455	0.2485	0.3493	0.3827	0.3751	-0.3939	-0.1221	-0.5597	-0.982	-0.819	-0.3218
PBANKA_090110	-0.5964	-0.1175	-0.0674	-0.1264	0.1518	0.2772	0.1314	0.1876	0.1614	0.0687	-0.4232	-0.439
PBANKA_071390	-2.1851	-0.9168	-0.9187	-0.0309	0.0193	0.5185	0.6948	0.5163	0.6769	0.5733	-0.3229	-0.5976
PBANKA_102440	-0.2203	-0.2052	0.1229	0.0032	0.1622	0.7031	0.3752	-0.1728	0.0244	-0.0539	-0.6648	0.3348
PBANKA_010760	-0.1497	0.264	0.1161	-0.2361	-0.0647	0.0115	0.0262	0.2596	-0.3109	0.2261	0.9778	0.1027
PBANKA_124170	-0.1421	-0.3885	0.1688	0.3113	0.2398	0.4208	0.3452	0.0705	0.0538	-0.5332	-0.9509	-0.7945
PBANKA_103930	0.0323	-0.1225	0.2604	-0.0829	-0.0418	0.1433	0.1153	-0.0604	-0.1269	-0.1354	-0.2664	-0.8045
PBANKA_135250	-0.1042	-0.8609	0.2385	-0.1176	0.1719	0.4765	-0.3711	0.2964	0.1564	0.4328	1.1223	1.3356
PBANKA_080720	-0.4593	-0.2165	-0.64	-0.3024	-0.2385	0.0935	0.175	0.3427	0.4517	0.5206	0.3286	1.2532
PBANKA_135170	-0.2289	-0.0456	-0.0779	0.0136	0.1938	0.4288	0.0815	0.7289	0.2705	0.448	0.0119	0.188
PBANKA_010620	0.1833	0.1999	-0.0087	0.1249	0.2139	0.3469	0.1143	0.11	-0.0621	-0.1578	0.1613	0.2978
PBANKA_124450	-0.2155	1.0214	-0.8203	-0.6631	-0.195	-0.457	-0.0966	-0.0343	-0.0288	0.0307	-0.316	-0.8496
PBANKA_020600	-0.5506	-0.8324	-0.3224	0.2498	0.3607	0.6645	0.5685	0.374	0.4339	-0.0565	-0.8186	-0.7897
PBANKA_071570	-0.1516	0.7261	0.0862	0.0062	0.2277	0.483	-0.0907	-0.0821	-0.0314	0.1104	0.711	0.3496
PBANKA_130460	0.1571	0.1533	0.332	-0.2526	0.3363	-0.3685	0.2379	-0.0331	-0.244	-0.1783	-0.2918	-0.6011
PBANKA_050290	0.0764	-0.0273	-0.0145	0.0922	-0.0619	-0.4126	-0.2367	0.1349	-0.1584	0.0715	-0.1039	0.5026
PBANKA_111580	-0.1317	-0.6966	-0.1047	0.3116	-0.7696	0.7046	0.6999	0.4393	0.6599	0.1972	-0.5804	-1.545
PBANKA_103010	-0.0795	0.3349	-0.0793	-0.1747	0.083	0.062	-0.2688	-0.2039	-0.2431	0.2381	0.197	0.392
PBANKA_142140	-0.3417	-0.6481	-0.8654	0.2206	-0.7339	-0.3174	-0.6008	-0.6086	0.2391	0.5333	0.5359	1.0558
PBANKA_102380	-0.0105	0.4665	0.1169	-0.1857	0.0096	0.2372	0.0449	0.2115	0.0427	0.2003	-0.0009	0.7036
PBANKA_040470	-0.4191	0.0292	0.0099	0.7196	0.6494	0.5488	0.1935	0.0655	-0.2065	-0.6997	-0.9497	-1.2782
PBANKA_081680	-0.6153	-0.6252	-0.3152	0.2381	0.0133	0.5392	0.0403	0.2502	0.2405	-0.5234	0.6327	0.5931
PBANKA_136560	-0.0328	0.0606	-0.26	0.5282	0.0638	-0.0614	-0.2823	-0.2386	-0.154	0.0564	0.9865	1.1319
PBANKA_130290	-0.9055	-0.4111	-0.402	-0.1109	0.1365	0.4677	0.6778	0.2491	-0.132	-0.2248	-0.3456	-0.3675
PBANKA_140700	0.0335	0.004	-0.6649	-0.1341	0.0779	0.1812	0.0912	0.1352	0.2492	0.0876	0.354	-0.133
PBANKA_121530	-0.1069	-1.2369	-0.1409	0.413	-0.0629	1.0393	0.1195	0.2368	-0.0685	-0.3141	-0.1158	-0.3532
PBANKA_123730	0.1293	-0.8042	-0.0586	-0.4154	-0.3957	-0.4505	-0.1901	0.1335	0.2817	0.3069	-0.1265	0.5156
PBANKA_144420	0.1941	1.0457	-0.1762	0.096	-0.3032	0.0138	-0.2477	-0.1894	-0.1051	0.0065	-0.3787	-0.1063
PBANKA_010890	-0.0204	0.1216	-0.0767	0.3564	0.0445	0.2754	-0.2801	-0.9254	-1.3792	-1.281	-0.9157	-1.2331
PBANKA_101920	-0.5877	-0.7328	-0.537	-0.1071	0.4204	0.6253	0.3964	0.3678	0.3575	0.0945	-0.5758	-0.917
PBANKA_092280	0.2215	-0.0947	0.3797	0.4198	0.406	0.1967	-0.1508	-0.591	-0.8887	-1.5372	-1.6371	-1.2999
PBANKA_112640	-0.1902	-0.4995	0.1504	-0.3115	0.083	-0.143	-0.2599	-0.4213	-0.1201	-0.4374	0.1918	0.4909
PBANKA_136480	0.1013	0.4364	-0.0895	0.2723	0.1033	-0.5368	0.2241	0.002	0.3275	0.3419	0.2989	0.2501
PBANKA_145750	0.4532	0.8044	0.2507	0.0243	0.1565	-0.034	-0.2743	-0.3712	-0.3729	-0.5881	-0.0889	-0.2015
PBANKA_144650	0.3399	0.8309	-0.0436	0.0248	0.0769	0.4935	0.0205	-0.6427	-0.7814	-0.6639	-0.993	-0.3622
PBANKA_145300	-0.0736	-0.088	-0.2077	-0.1071	-0.0436	-0.09	0.4106	0.6991	0.6873	0.801	0.4289	0.2928
PBANKA_082190	0.3885	0.5841	0.4089	0.3552	0.2906	-0.0922	-0.4621	-0.7301	-0.9572	-1.3078	-0.7108	-0.9203
PBANKA_142560	-0.2326	-0.2536	-0.4623	-0.1162	-0.4768	-0.2383	-0.4093	-0.5238	-0.3112	-0.5305	-1.0284	-1.2519
PBANKA_050930	-0.2717	-0.8672	-0.305	0.2004	-0.0293	0.0559	-0.2913	-0.3694	-0.2083	-0.322	-0.2116	-0.6929
PBANKA_080830	0.6158	0.8602	0.1219	-0.7311	0.2193	0.6987	0.0363	0.1698	-0.0218	0.1368	0.6886	0.051
PBANKA_020590	0.0697	-0.4941	-0.2629	0.0145	-0.1737	-0.0656	0.0106	0.1239	0.1578	0.3458	0.331	0.0118
PBANKA_100480	0.0069	-0.4628	-0.0429	0.2268	0.2006	0.0499	0.2509	0.0841	-0.0899	-0.4167	-0.612	-0.6758
PBANKA_070850	0.0927	-0.1376	0.1042	0.3314	-0.2201	-0.3214	0.3081	-0.2072	0.1033	-0.1453	-0.1254	0.2706
PBANKA_060230	0.2526	-0.6007	0.1597	0.4109	0.3981	0.5999	0.2676	0.572	0.5027	0.0388	-1.4188	-1.4133
PBANKA_071590	-0.2797	0.2008	0.0499	-0.136	0.0973	-0.0217	-0.2203	0.0243	-0.235	-0.4731	-0.9074	-1.1838
PBANKA_050980	-0.2767	0.1342	0.3907	0.617	0.2654	0.3924	0.3872	-0.0763	-0.7153	-0.8393	-1.1734	-1.0593
PBANKA_123480	0.4156	0.7498	0.4609	0.072	-0.0159	-0.1992	-0.8588	-0.989	-0.8641	-0.7706	0.166	0.5037
PBANKA_041470	0.0414	-0.188	-0.7068	-0.5484	-0.8027	-0.7551	-0.8088	-0.1991	0.7669	1.2903	1.0023	1.9153
PBANKA_060530	1.0003	0.5957	0.2598	0.3688	0.1844	-0.7517	-0.1201	-0.8122	-0.8169	-0.448	-0.0532	-0.4492
PBANKA_030970	0.1756	0.4381	0.1714	0.4098	0.2803	0.2916	-0.0468	0.0646	-0.2164	-0.1687	-0.4696	-0.0173
PBANKA_082110	-0.0653	0.5383	-0.0545	0.3241	0.0477	0.3995	0.3487	0.223	0.0211	0.1699	0.0475	-0.3616
PBANKA_113180	0.2708	0.1259	0.3437	1.107	0.209	0.61	0.1226	0.1104	-0.2054	-0.1175	0.1483	0.0102
PBANKA_134440	0.0805	-0.2755	-0.1865	-0.1436	-0.3054	0.0474	0.4755	0.4137	0.8399	0.9455	0.3404	0.2751
PBANKA_113970	-0.2775	0.506	0.0977	-0.399	0.0352	0.072	-0.0951	-0.1973	-0.033	-0.2478	-0.3516	-0.7706
PBANKA_145470	0.0875	0.6402	0.0833	-0.2633	-0.1911	0.3053	-0.2373	0.1486	0.1909	-0.3351	-0.455	-0.0433
PBANKA_061850	0.2687	0.7477	0.2629	0.1658	0.0044	0.4526	-0.0556	-0.05	-0.131	-0.088	0.1251	-0.0392
PBANKA_110980	0.2535	0.761	0.2414	0.1483	0.5704	0.4287	-0.0204	0.1168	-0.1489	-0.1409	-0.034	0.5749
PBANKA_123490	0.3969	0.3087	0.1619	0.4042	-0.0133	0.435	-0.0051	0.2113	-0.2339	-0.028	0.3677	0.379
PBANKA_141230	0.175	0.3145	0.1114	0.4586	0.0778	0.3765	0.1642	0.1194	-0.1511	-0.283	-0.6227	-0.6575
PBANKA_090490	-0.4715	0.1341	0.1662	0.1775	0.1579	0.2857	-0.0949	-0.3379	-0.8626	-1.0935	-0.8909	-0.5398
PBANKA_120880	-0.0542	-0.0148	-0.2452	-0.3327	-0.0902	-0.1179	-0.1972	0.2389	0.7337	1.0557	1.4029	0.6522

PBANKA_070190	-0.7317	-1.1345	-0.3118	-0.0596	0.134	-0.6252	0.0129	0.2545	0.7263	0.913	1.3009	0.4033
PBANKA_101200	-0.4796	-0.5355	-0.1864	-0.1942	-0.195	-0.4959	0.635	0.6183	1.003	1.0083	-0.2048	0.3534
PBANKA_081350	0.1404	-0.1473	0.1722	0.9947	0.2727	0.5729	0.2332	0.0355	-0.0435	-0.1956	-0.9667	-0.2959
PBANKA_145760	0.3843	-0.0212	0.3867	0.3765	0.3391	0.1549	0.186	-0.093	-0.194	-0.5139	-0.9719	-0.8972
PBANKA_144270	0.2155	0.2388	0.5386	0.3122	-0.0296	0.2833	0.0756	-0.1931	-0.3995	-0.7201	-0.452	-0.3408
PBANKA_091840	0.3666	-1.3039	0.3184	1.2607	0.0262	0.3428	0.0387	-0.1267	-0.4002	-0.5434	0.2103	-0.421
PBANKA_060540	0.4627	0.0341	0.8175	0.0596	0.4989	0.3692	-0.0909	-0.2692	-0.7605	-0.8737	-0.6653	-0.6859
PBANKA_145250	0.1751	-0.1873	0.2967	0.2149	0.3838	0.3221	-0.0069	0.0213	-0.1893	-0.1482	0.4135	0.2121
PBANKA_132910	-0.4976	-0.4364	-0.1062	-0.0127	-0.1567	0.4647	0.1622	0.0165	0.4735	0.3652	0.8424	1.3066
PBANKA_090520	-0.2441	0.135	0.0732	-0.7602	0.0069	-0.2627	-0.0885	0.1474	0.5074	0.759	0.579	0.6823
PBANKA_070110	-0.1703	0.0495	0.0754	0.0279	0.1912	0.0642	0.0599	-0.0569	-0.3477	-0.9778	-0.945	-0.5852
PBANKA_101810	-0.0688	-1.0763	-0.9187	-1.0401	-0.7903	-1.008	-1.0627	-0.5146	-0.7419	-0.2766	0.8427	0.5978
PBANKA_112850	0.2457	0.1007	0.1034	-0.0008	0.2215	-0.2418	0.1514	0.1332	0.0707	-0.0213	-0.3301	-0.2222
PBANKA_135050	-0.31	-0.1508	-0.3022	-0.2794	0.075	0.2872	0.0928	0.1901	0.0522	0.2186	0.3461	0.4649
PBANKA_051480	-0.6943	0.3317	-0.6341	-0.2884	-0.1607	0.1659	0.5054	0.7264	0.7021	0.8255	0.7486	-0.0809
PBANKA_144970	-0.9447	-0.6794	-0.744	-0.2995	-0.236	-0.1381	0.3894	0.6392	1.2946	0.9785	0.5368	0.8194
PBANKA_010690	0.0746	0.2658	0.0073	0.2153	0.0435	0.3839	0.0353	0.0436	-0.1166	-0.3916	-0.8469	-0.5126
PBANKA_070170	0.3372	0.7659	0.2127	-0.097	0.0545	-0.3096	-0.0228	-0.2707	-0.453	-0.2579	-0.2414	-0.182
PBANKA_123510	0.0169	-0.1851	0.3588	0.2382	0.4902	0.3234	0.0971	-0.4496	-0.7345	-1.4937	-1.5031	-0.9481
PBANKA_135950	-0.4836	-0.8447	-0.1078	0.2218	0.3474	0.1663	0.4167	0.2155	-0.0169	-0.4163	-0.6457	-0.4861
PBANKA_100590	0.3959	0.2175	-0.0278	0.3527	-0.0605	-0.0164	-0.0011	0.2864	-0.2736	0.075	-0.4761	-0.8919
PBANKA_101320	-0.1965	0.2745	0.1556	0.2244	-0.0375	-0.0153	0.282	0.1878	-0.005	0.0985	-0.2434	0.3183
PBANKA_130690	-0.4821	-0.7958	-0.2133	-0.736	-0.123	-0.4588	0.283	0.3291	0.309	0.4604	0.2084	-0.4017
PBANKA_110960	-0.4116	-0.386	-0.4061	-0.3953	-0.3774	-1.2472	-0.58	0.0983	0.6579	0.7553	1.4948	0.9212
PBANKA_124130	0.1117	-0.8586	-0.0681	0.0639	-0.0962	-0.1938	0.2262	0.0762	0.4985	-0.0123	-0.5528	-1.0332
PBANKA_131960	-0.2149	-0.3116	-0.2758	0.0815	0.1268	0.504	0.1865	-0.1857	0.1129	-0.253	-0.1339	-0.5456
PBANKA_093230	-0.4952	-0.4372	-0.3752	-0.5695	-0.7125	-0.0367	-0.6324	-0.669	-0.3797	-0.5667	-0.988	-0.5805
PBANKA_041020	-0.1045	-0.3038	0.2744	0.1783	-0.0206	-0.3104	0.5299	0.8636	0.1325	-0.0169	-0.3275	-0.2226
PBANKA_083050	-0.3081	0.3907	-0.2844	-0.2928	-0.1222	0.1111	-0.2732	-0.4236	-0.4521	-0.2861	-0.5279	-0.3472
PBANKA_041640	-0.4931	-0.0097	0.0029	0.205	-0.0748	0.9071	0.4843	-0.4697	-0.3166	-0.3559	-0.5571	-0.6866
PBANKA_100840	0.2333	0.6475	-0.0445	-0.4837	0.1846	-0.0015	0.1425	-0.2974	-0.1251	-0.4883	-0.1826	-0.3116
PBANKA_140810	0.1091	0.3158	0.1253	0.2331	0.1051	-0.1484	-0.1915	-0.4751	-0.4667	-0.7784	-0.6172	-0.4687
PBANKA_030850	0.4174	0.1613	0.1452	-0.4202	-0.004	-0.1656	-0.3818	-0.264	-0.4768	-0.1653	0.3249	0.5432
PBANKA_121250	-0.3685	-0.5563	-0.2459	-0.9756	-0.1437	0.2234	-0.1296	0.2755	0.5962	0.7315	0.8877	0.4738
PBANKA_123250	0.6495	0.8407	0.2123	0.0789	0.3268	0.0208	-0.4732	-0.7169	-0.9447	-1.0412	-0.3857	-0.3456
PBANKA_071220	-0.1532	0.0712	-0.1181	0.3665	0.0335	0.457	0.0774	0.1393	0.424	0.4387	0.6358	0.2672
PBANKA_114440	0.2035	-0.3183	0.2389	0.7257	0.4338	-0.1997	0.0935	-0.1139	0.2153	-0.0783	-0.44	-0.5495
PBANKA_041140	-0.5988	0.1167	-0.1912	-0.0108	0.1793	0.0573	-0.0451	-0.2212	-0.463	-0.4655	-0.7815	-0.9433
PBANKA_145060	0.2111	-0.3695	0.4809	0.2924	0.0628	0.6136	0.1794	-0.4194	0.2417	0.0679	-0.8634	-0.5215
PBANKA_112500	0.5727	-0.2125	0.1397	-0.2167	0.0685	-0.5556	-0.2427	-0.2196	-0.6623	-0.8639	-0.5745	-0.0944
PBANKA_041630	-0.6235	-0.3214	-0.7884	-0.383	0.0307	-0.1531	-0.2019	-0.3698	-0.2811	-0.2362	-0.3487	-0.3179
PBANKA_070710	-0.8541	-1.0306	-1.009	-0.404	-0.6631	-0.5	-0.8505	0.0131	0.9267	1.2421	1.0276	1.5833
PBANKA_110260	0.5053	-0.1014	0.2002	0.571	-0.0334	-0.2911	-0.4705	-0.3982	-1.1394	-1.1542	-0.5592	-0.9654
PBANKA_135670	0.0035	-0.216	-0.3143	-0.214	-2.422	-0.4106	-0.1728	0.089	-0.0763	0.8595	0.9098	0.5509
PBANKA_041130	0.1038	-0.314	-0.0937	0.3486	-0.1461	-0.0534	0.0876	0.3972	0.7528	0.8713	0.7104	0.4815
PBANKA_020040	-0.3315	-0.0159	-0.6853	-1.3361	-0.5802	-0.6101	-0.5658	-0.0686	0.6846	0.9175	1.523	1.6229
PBANKA_133510	0.2463	0.2261	0.0826	0.4387	0.1763	-0.1067	0.1793	0.1423	0.2296	0.0208	-0.2238	0.2992
PBANKA_020480	0.1907	-0.0953	0.1295	-0.0984	0.4793	0.0728	0.1119	0.1245	0.0089	-0.0235	-0.0155	0.1108
PBANKA_132350	-1.0355	-0.7678	-0.9126	-0.7532	-0.2376	0.0147	-0.0785	0.5494	0.8127	0.8433	0.379	0.1121
PBANKA_114450	0.1875	-0.5384	0.3547	0.8122	0.6928	0.702	-0.3044	-0.6013	-0.3829	-0.8103	-0.8112	-0.4644
PBANKA_145230	0.2194	-0.9693	0.0234	0.5501	0.4188	0.4069	0.0211	-0.4457	0.0351	-0.6771	-0.9769	0.167
PBANKA_082800	0.1156	-0.0022	0.004	-0.3301	-0.0797	0.2421	0.2437	0.2887	0.0513	0.1822	0.2067	0.2469
PBANKA_131320	0.1091	-1.2133	0.226	0.4421	0.4378	0.388	0.4397	0.3289	-0.1681	-0.534	-0.415	0.3526
PBANKA_050710	-0.6813	-0.2494	-0.419	0.0204	0.0368	0.2176	0.2093	0.0386	-0.1856	-0.5175	-0.7534	-0.5543
PBANKA_144050	0.5819	-0.0396	0.7936	0.6883	0.3421	0.613	0.2804	0.2057	0.0271	-0.3393	-0.8428	-1.3127
PBANKA_060090	-0.3134	-0.1398	-0.042	0.335	0.0063	0.2211	-0.1353	0.368	0.5347	0.4912	0.1715	0.517
PBANKA_122010	0.5438	0.1964	0.2997	0.4498	0.2095	0.2627	-0.1432	-0.0627	-0.5307	-0.4555	-0.4642	-0.6481
PBANKA_103630	0.1085	-0.005	-0.0781	-0.1278	-0.0673	-0.0078	-0.347	-0.1861	0.3263	0.6038	1.3678	1.2029
PBANKA_120950	0.1873	-0.123	-0.041	0.1803	-0.3366	-0.0794	0.1608	0.1629	0.0099	-0.2364	-0.167	-0.4829
PBANKA_142130	0.545	0.4339	0.3643	0.7325	0.3333	0.4257	-0.3467	-0.4592	-0.2333	-0.3423	0.0364	0.2478
PBANKA_134630	-0.1481	0.3918	0.0397	-0.478	0.3145	0.0937	0.159	-0.1013	0.3135	0.5194	0.3501	0.654
PBANKA_114100	0.0648	0.91	0.1628	0.4324	0.2404	0.2192	0.3002	0.0962	-0.3172	-0.9573	-1.1515	0.0077
PBANKA_021470	0.0693	-0.0563	-0.103	-0.0689	-0.2899	-0.0156	0.1788	0.3953	0.3562	0.6178	-0.0412	0.7552

PBANKA_031500	-0.0331	0.6091	0.3116	0.1011	0.27	0.2757	0.1385	-0.3368	-0.5113	-0.6994	-0.3918	-0.5349
PBANKA_136460	0.3711	0.1138	0.3764	0.1264	0.1918	0.0603	0.2434	0.2871	0.0819	-0.179	-0.4241	-0.2851
PBANKA_103140	0.205	0.0805	0.0256	0.3735	0.1573	0.3464	-0.0462	-0.0312	0.076	-0.1693	-0.4989	-0.5301
PBANKA_122840	0.3018	0.7351	0.2394	0.315	0.2797	-0.2013	-0.2336	-0.2432	-0.1464	-0.3831	-0.3918	0.1258
PBANKA_144740	-0.3632	-0.5835	-0.0411	0.2629	-0.1027	0.0188	0.3552	0.194	0.2613	-0.022	0.1659	-0.3076
PBANKA_144480	-0.2696	0.687	-0.1831	0.5903	0.2871	0.4095	-0.1281	0.2143	0.1793	0.2296	0.9369	1.0772
PBANKA_135440	0.3507	0.1287	0.4453	0.3511	0.2918	0.0257	-0.4904	-1.0494	-1.0053	-1.6117	-0.9591	-0.4506
PBANKA_136110	0.4689	0.474	-0.1004	-0.0359	-0.0707	0.0184	-0.1737	-0.0461	-0.2869	-0.3249	-0.2543	-0.0887
PBANKA_021350	0.4361	0.3881	-0.1467	-0.2935	-0.6532	-0.5245	-0.8439	-0.382	0.2842	0.7534	1.1326	1.5162
PBANKA_110850	-0.8358	-0.5831	-0.5504	-0.48	-0.4202	0.111	-0.1448	0.3994	1.0781	1.4387	0.5962	0.2799
PBANKA_130890	-0.6499	1.4113	0.0497	0.1319	-0.6117	-0.5123	-0.0848	-0.7041	-1.156	-0.4122	0.3416	0.9186
PBANKA_081230	-1.4673	-1.3657	-1.162	-0.8691	-0.0345	0.5103	0.6786	0.6954	0.5298	0.4741	-1.0348	-0.8759
PBANKA_040650	0.0513	0.1803	0.1211	-0.035	0.2671	-0.2219	-0.467	-0.6253	-0.9486	-1.2947	-1.2728	-1.1096
PBANKA_135900	-0.8175	0.5427	-0.1122	-0.3547	0.165	0.0163	-0.099	-0.3865	-0.3478	-0.3075	-0.2903	-0.4591
PBANKA_092660	0.3076	0.6781	0.259	0.1822	0.2562	0.3721	-0.2269	0.0385	-0.0433	-0.2027	-0.2927	0.3491
PBANKA_110120	0.1596	-0.4341	-0.7557	-0.5369	-0.7433	-0.4448	-0.6901	-0.0226	0.5	1.3468	1.3988	1.6047
PBANKA_061760	-0.008	-0.3422	-0.0694	-0.1963	-0.1817	0.083	-0.3105	-0.1076	0.4787	0.2084	0.0098	0.9652
PBANKA_080930	-0.5604	-0.6146	-0.0325	0.1851	0.2104	0.2855	0.3905	0.2596	-0.1758	-0.3263	-0.9381	-1.0052
PBANKA_143970	-0.4044	-1.1629	-0.0398	0.2495	0.3705	-0.4593	0.4037	0.1444	0.1421	-0.1691	-0.8301	-0.6324
PBANKA_120210	0.3752	1.1689	1.1916	0.0119	0.3542	0.0432	-0.1642	0.0444	-0.2113	-0.2783	-0.4359	0.5538
PBANKA_145320	0.2087	0.9142	0.2991	0.3222	0.3837	0.2588	-0.1031	-0.1363	-0.3159	-0.6195	-0.6804	-0.7991
PBANKA_050200	0.0142	-0.3296	-0.0571	0.1543	0.0676	-0.7456	-0.3107	-0.2478	0.2593	0.0952	0.31	0.3731
PBANKA_081740	0.2835	0.3409	0.3219	0.5342	0.4573	-0.6379	-0.0082	-0.1348	-0.0555	-0.3349	-0.6269	-0.519
PBANKA_070750	0.0997	0.328	0.2696	-0.2733	0.097	-0.0563	-0.3292	-0.5674	-0.768	-1.0225	-0.928	-0.3643
PBANKA_124280	0.5178	0.613	0.2551	0.1692	0.0065	0.1069	-0.6406	-0.5096	-0.5806	-0.5252	-0.3165	-0.3265
PBANKA_124410	0.5554	0.494	0.2614	0.4026	0.2193	0.1781	-0.056	-0.4644	-0.6144	-0.4935	-0.2779	-0.4811
PBANKA_121010	0.3252	0.5581	0.0818	0.016	0.1059	-0.3203	-0.3193	-0.3137	-0.5642	-0.353	-0.2292	-0.3089
PBANKA_121490	0.3314	0.0448	0.1712	0.0408	0.0098	0.0456	0.064	0.2555	-0.4288	-0.2953	-0.1334	-0.2779
PBANKA_010300	-0.0442	-0.3964	0.2733	0.5011	0.6894	0.758	0.5599	0.2081	0.189	-0.4306	-0.3834	-1.0812
PBANKA_061120	0.0748	0.5644	0.4599	-0.0443	0.4492	0.5082	0.0145	-0.2167	-0.3022	-0.3785	-0.3726	-0.3095
PBANKA_070250	0.6231	0.5666	0.5214	-0.0122	0.12	0.2404	-0.2009	-0.2708	-0.5029	-0.4526	-0.1303	0.0193
PBANKA_100830	0.2678	-0.2088	0.218	0.3086	0.0144	0.3094	0.2626	-0.2293	-0.4191	-0.4212	-0.3475	-0.3709
PBANKA_081690	0.2957	0.0291	0.219	0.3924	0.6305	0.556	0.3172	0.1143	-0.0084	-0.2868	-0.4344	-0.9936
PBANKA_124590	0.4507	0.9882	0.2566	-0.0729	0.0685	-0.0977	-0.3026	-0.3221	-0.1899	0.0276	0.2771	0.8089
PBANKA_100030	-0.0752	0	0.2878	0.176	0.1343	-1.0628	-0.0443	-0.4082	-0.434	-0.854	0.0105	-0.4051
PBANKA_040220	-0.341	-0.3331	-0.6139	0.0842	-0.9585	-0.0669	-0.9489	-1.6408	-1.7871	-1.3866	-1.1911	-0.6236
PBANKA_051300	-0.147	0.1286	-0.0275	-0.072	-0.0314	-0.1783	0.1541	0.3723	0.8668	0.7333	1.4837	0.53
PBANKA_052200	-0.2132	-0.1745	-0.1249	0.0193	-0.0032	0.0901	0.3184	0.7494	0.6139	0.3948	-0.3684	-0.629
PBANKA_093110	-0.5824	-0.2934	-0.062	-0.1611	0.3428	0.7772	0.4092	0.4414	0.524	0.4103	0.3269	0.6247
PBANKA_060270	0.0726	-0.0712	0.269	0.3677	0.5554	0.3261	0.2845	-0.224	-0.588	-1.3875	-0.9699	-1.803
PBANKA_020800	-1.1791	-1.1913	-1.227	-0.1998	0.1055	0.7094	0.8683	0.704	0.4934	0.175	-0.8317	-0.8575
PBANKA_130870	-0.1564	0.076	0.1396	0.6029	0.2362	0.4468	0.1406	-0.1001	-0.3146	-0.777	-0.5155	-0.4216
PBANKA_041000	-0.4522	0.0597	0.2039	0.3615	0.3378	0.4294	0.0246	-0.3215	-0.7603	-1.0717	-0.8983	-1.1079
PBANKA_072040	-0.188	-0.3436	-0.4038	-0.9365	-0.5716	-0.5608	-0.7633	-0.381	0.2583	0.7833	0.7467	1.4566
PBANKA_141880	-0.2932	-0.1666	0.1014	0.4315	0.1284	0.3509	0.2934	0.0312	-0.2499	-0.9174	-0.8611	-1.254
PBANKA_103970	-0.6943	-0.2136	-0.286	-0.2107	-0.0809	-0.2209	-0.1565	-0.2225	0.0225	-0.024	-1.1024	-0.8935
PBANKA_092840	0.5521	0.2751	0.02	0.7323	0.0849	0.6317	0.0901	0.4742	0.1082	0.2757	0.3432	-0.0888
PBANKA_094010	0.2692	0.4355	0.1653	0.2561	-0.0455	-0.0808	0.1994	0.5189	0.3201	0.3804	0.2206	-0.3072
PBANKA_134700	-0.5011	-0.5568	-0.6411	-0.3603	-0.5533	-0.3292	0.1846	0.6282	0.9899	1.3612	0.9155	0.5372
PBANKA_123590	0.4581	0.1033	0.3548	0.7858	0.1199	0.6406	0.0957	0.0964	0.0054	-0.2727	-0.5055	-0.598
PBANKA_120220	0.5286	0.2812	0.5983	0.1006	0.5305	0.2928	-0.1183	-0.3019	-0.2897	-0.4249	0.1715	0.1839
PBANKA_103410	-0.0973	0.4571	0.1656	-0.2573	-0.0649	-0.1936	-0.0164	0.176	-0.0948	0.0137	-0.5599	-0.0643
PBANKA_121690	0.2154	0.3021	-0.007	0.1489	-0.1198	0.1265	-0.2038	-0.1965	-0.2224	0.0895	-0.3272	0.7422
PBANKA_132870	0.4238	0.2415	0.1217	0.3598	0.2413	0.4015	-0.0745	0.0005	-0.1061	-0.5473	-0.3098	-0.8504
PBANKA_135180	0.1731	0.2556	0.1351	0.4928	0.5486	0.1741	0.2002	0.0423	-0.1053	-0.8202	-0.9907	-0.6967
PBANKA_081420	0.0318	-0.4472	0.4617	0.4077	0.5425	0.6986	-0.2131	-0.5542	-1.0089	-1.5848	-1.3183	-2.1297
PBANKA_050550	-0.6682	0.1029	-0.3446	0.2578	0.0671	-0.0723	0.2324	0.5907	0.4276	0.3892	-0.4902	0.7821
PBANKA_120100	0.1474	0.4594	0.02	0.3466	0.1594	0.4078	-0.1669	-0.2878	-0.3331	-0.61	-0.0683	-0.9109
PBANKA_030790	0.7681	1.0334	0.3757	0.3138	0.1423	0.3056	-0.4125	-0.5874	-0.6171	-0.3691	0.5854	-0.5111
PBANKA_143860	-0.632	0.1145	-0.0634	0.1799	-1.0025	0.0755	0.1102	-0.2904	-0.5901	-0.7837	-0.4082	-1.4517
PBANKA_146050	-0.3662	0.2086	-0.4642	-0.0066	-0.2745	-0.3186	-0.1602	0.0743	0.141	0.7046	0.507	0.1194
PBANKA_110940	0.188	0.4237	0.1185	0.0588	0.2173	-0.686	0.0569	0.2276	0.0334	-0.5362	-0.4878	0.0323
PBANKA_103390	0.4588	0.46	0.1797	0.2291	0.0082	-0.2753	-0.2728	-0.7181	-0.9181	-1.1407	-0.2769	-0.233

PBANKA_122920	0.3607	0.8469	0.6335	0.3563	0.1492	0.1156	-0.5224	-0.4621	-0.3128	-1.167	-0.535	-0.0562
PBANKA_144380	0.4878	0.6955	0.243	0.0629	0.1406	0.2012	-0.1216	0.2666	-0.1164	0.3132	1.0501	1.1204
PBANKA_092940	-0.688	-0.6282	-0.3937	-0.4225	-0.1823	-0.077	0.3346	0.4771	0.7206	0.8431	0.6736	0.5622
PBANKA_114010	-0.088	-0.07	-0.0321	-0.525	0.1212	-0.0232	0.1086	-0.2405	-0.6174	-0.2375	-0.0791	-0.4361
PBANKA_132800	-0.1455	-0.1638	0.3613	0.1275	0.2218	0.3815	0.0431	-0.0963	0.3672	0.4757	0.6163	0.4234
PBANKA_121320	-0.0951	-0.0354	-0.0307	-0.0247	-0.3175	-0.6035	0.1115	0.6458	1.1671	1.184	1.2402	1.4175
PBANKA_020310	-0.0329	-0.1065	-0.1436	0.0787	0.2311	-0.2159	-0.0816	0.0645	0.0442	-0.3705	-0.3675	-0.5962
PBANKA_133480	-0.1962	-0.909	-0.1574	0.3919	-0.3225	0.2963	-0.1474	-0.1236	0.5936	0.5536	1.2079	0.6415
PBANKA_110350	-0.0559	0.1741	-0.6163	-0.2478	-0.1658	0.442	-0.4041	-0.4379	-0.679	-0.5351	-0.0312	-0.5864
PBANKA_142950	0.249	0.6502	0.1833	0.1277	0.1125	0.0761	-0.124	-0.5471	-0.9766	-0.8204	-0.2917	-0.4525
PBANKA_121890	-0.1301	0.3386	0.3609	0.4352	0.3412	0.4737	0.2569	0	-0.5962	-1.9048	-1.3109	-3.38
PBANKA_090030	0.5083	0.1483	0.1898	0.7471	-0.1783	0.1425	-0.5869	-0.0976	0.198	0.5351	1.6733	1.3947
PBANKA_061260	0.2894	0.2852	0.3301	0.2345	0.0181	-0.2001	0.5659	0.6438	0.2255	0.361	-0.2721	-0.0094
PBANKA_101400	-0.1684	-0.4445	-0.4429	-0.6885	-0.0619	0.2838	-0.0238	-0.4038	-0.1028	-0.6536	-1.1546	-0.6772
PBANKA_121150	0.3316	0.4111	-0.101	0.0716	-0.2348	-0.1562	-0.507	-0.5014	0.0233	0.3006	1.103	1.4107
PBANKA_102100	0.5368	0.7607	0.3627	0.4362	0.2248	0.2601	-0.5494	-0.5184	-0.3369	0.0398	0.4786	0.78
PBANKA_093940	-0.7017	0.1132	0.1793	0.0961	0.2107	0.2169	0.2444	-0.1025	-0.4357	-0.6009	-0.903	-0.7017
PBANKA_070120	-0.0789	-0.496	-0.0671	-0.217	0.2092	-0.2036	0.2288	0.4991	0.4514	0.4494	0.1695	0.0018
PBANKA_052000	-0.0769	0.5515	-0.0333	0.1957	0.031	0.5768	0.0645	0.0352	-0.3777	-0.0217	-0.1682	-0.4855
PBANKA_113090	0.1924	-0.0301	-0.3975	-0.4377	-0.6329	-0.7566	-0.8201	-0.3594	0.33	0.9348	0.9755	1.4711
PBANKA_070580	0.0531	0.1286	-0.0269	-0.0036	0.1333	0.0867	-0.0583	0.0969	-0.1179	-0.1666	-0.1724	-0.0791
PBANKA_041480	0.255	0.4516	0.1697	-0.0869	0.0778	0.0898	0.0813	-0.6051	-0.5472	-0.4377	-0.2903	0.1372
PBANKA_094310	0.3879	-1.2594	0.1544	0.1179	0.015	-0.4883	-0.3543	-0.3117	-0.402	-0.4034	-0.387	-0.4728
PBANKA_123230	0.4251	-0.1075	0.4601	1.0004	0.2625	0.8375	0.2629	0.4568	0.4268	0.1856	-0.245	0.7533
PBANKA_010840	0.1029	-0.2756	-0.0048	0.092	0.3968	0.0328	-0.1322	0.1652	0.2542	0.2892	-0.3504	-0.892
PBANKA_132760	0.6014	0.3485	0.1338	0.4475	0.1791	0.1606	0.0723	-0.0363	0.1617	-0.0513	0.2253	0.6755
PBANKA_142650	-0.6581	-0.2313	-0.2049	-0.4254	0.2928	0.0726	0.1508	0.2095	0.2418	0.3721	0.3325	-0.2261
PBANKA_092070	-0.394	-0.2195	-0.4741	0.3597	-0.3918	-0.8611	-0.6047	0.2263	0.88	1.1567	1.214	0.3362
PBANKA_144030	0.722	0.3568	0.1438	0.2559	-0.0762	-0.2247	-0.8101	-0.5802	-0.0384	-0.1488	0.6957	1.0021
PBANKA_123330	0.4994	0.6523	0.1255	0.2824	0.1389	0.1262	0.1245	0.1679	-0.0024	-0.2314	-0.2776	-0.665
PBANKA_144760	-0.0958	0.3725	0.314	-0.2535	0.0574	0.8157	-0.0291	-0.2867	-0.2306	-0.1837	-0.1691	-0.2614
PBANKA_081790	-0.9633	-0.2403	-1.244	-1.0909	-0.6178	-0.4755	0.1817	0.4195	0.9256	1.1596	0.8132	1.6501
PBANKA_072080	-0.0234	0.1723	-0.3349	-0.5906	-0.5423	-0.7554	-0.5442	-0.1844	0.0495	0.6603	1.3561	1.6666
PBANKA_132200	0.0525	0.6108	0.3359	0.3143	-0.0454	-0.2529	-0.0339	0.1058	-0.0766	0.0377	0.394	-0.4653
PBANKA_133890	-1.4188	-0.8813	-1.2398	-0.9131	-0.6178	-0.1745	0.3983	0.7688	0.6138	1.1602	0.4357	0.5859
PBANKA_010490	0.3204	0.6128	0.3451	0.0704	0.1923	0.3275	-0.214	-0.2726	-0.3697	-0.6156	-0.666	-0.5876
PBANKA_143540	0.0996	-0.4895	0.1817	0.2997	0.2714	0.5338	0.1749	0.1927	0.1564	-0.1031	-0.3206	-0.5317
PBANKA_140040	1.0966	1.2697	0.8752	0.2737	0.089	-0.0964	-0.6065	-0.8835	-0.9924	-1.0717	-0.4265	-0.3017
PBANKA_072060	0.0381	0.0269	0.0505	0.4098	0.3091	0.2709	-0.162	-0.2981	-0.4988	-0.4714	-0.28	-1.1478
PBANKA_111170	-0.0694	-0.3301	0.4454	0.388	0.504	0.5104	0.0698	0.0099	-0.31	-0.775	-1.4164	-0.6719
PBANKA_136350	-0.0641	-0.6861	0.3407	0.9382	0.7051	0.5795	-0.1329	-0.3484	-0.1926	-0.8241	-1.1702	-0.9502
PBANKA_130150	0.2411	-0.1711	-0.2297	0.0316	0.1759	-0.459	-0.4484	-0.5941	-0.8251	-0.3596	-0.9933	-0.5045
PBANKA_020260	0.2701	-0.3911	0.0251	0.2604	0.0452	-0.0249	-0.0538	-0.4139	-0.1691	-0.7361	-0.3943	-0.2658
PBANKA_144250	0.1507	0.2835	-0.0526	0.0117	-0.278	-0.2514	-0.4319	-0.6056	0.0258	0.361	1.1842	1.5452
PBANKA_124480	0.3829	0.2452	0.1835	0.3413	0.2118	0.4692	-0.0154	-0.3132	-0.3326	-0.2207	-0.0979	-0.5628
PBANKA_080200	-0.6158	-0.546	-0.5745	-0.5191	-0.1529	-0.3923	0.2073	0.8064	0.7933	1.148	-0.0323	-0.7543
PBANKA_114030	0.4705	-0.1805	0.3078	0.2385	0.1025	0.1266	-0.0798	-0.1843	-0.0367	-0.0011	0.2552	0.1614
PBANKA_093850	-0.5703	-0.3515	-0.1273	-0.0793	0.4306	0.5542	0.439	0.2253	0.0144	-0.4926	-0.3308	-0.5161
PBANKA_121950	0.1772	0.9649	-0.0885	0.2188	0.0889	0.1082	-0.4743	-0.5926	-0.6788	-0.7665	0.1399	-0.0692
PBANKA_132860	-0.2883	-0.3331	0.4021	0.1223	0.3284	-0.0237	-0.1299	-0.3653	-0.7521	-0.9319	-0.6517	-0.6473
PBANKA_112170	0.2393	0.1069	0.4942	0.1475	0.2286	-0.1987	-0.1699	-0.2827	-0.299	-0.3311	-0.1308	0.1417
PBANKA_136380	0.6791	0.4123	0.5645	0.0507	0.266	-0.0317	0.0577	-0.2859	-1.2737	-0.5367	-0.7987	-0.3587
PBANKA_141040	0.0576	1.0858	0.3542	-0.0742	-0.0214	-0.2572	-0.7483	-0.8197	-1.0826	-0.6626	-0.5794	-0.7354
PBANKA_135770	-0.5259	0.1452	-0.5043	0.3261	-0.016	0.0998	-0.0917	-0.1644	0.0058	-0.0532	0.122	-0.6101
PBANKA_103560	0.6929	0.4137	0.6023	0.3292	0.0946	0.7233	0.1945	-0.1667	-0.1887	-0.4055	-0.5084	-0.3067
PBANKA_145480	-0.4956	0.3945	0.0151	0.011	-0.1296	0.8075	-0.0905	0.4163	0.1151	0.4501	0.6315	0.7572
PBANKA_132030	0.8774	0.282	0.3527	0.2447	0.1416	-0.4026	-0.4081	-0.5162	-1.0786	-1.0947	-0.7099	-1.3211
PBANKA_111620	-0.3458	0.174	0.0598	0.2713	0.1475	0.6448	0.3521	0.3229	0.3722	0.1948	-0.1985	0.071
PBANKA_080630	0.1107	0.1292	-0.0548	-0.0456	0.2208	-0.0202	0.223	0.2864	-0.4421	-0.0736	-0.0751	-0.6779
PBANKA_102270	0.5386	0.1693	0.4923	0.512	0.2313	0.5164	0.0597	-0.0032	-0.2261	-0.231	-0.6432	0.5391
PBANKA_083320	-0.5729	-0.0003	-0.1756	-0.0938	0.0662	-0.0926	0.2301	-0.0903	-0.1419	0.0151	-0.6548	-1.0324
PBANKA_134990	0.2633	0.0097	0.0186	0.2696	-0.109	0.46	0.3573	0.0767	-0.2033	-0.1051	-0.2365	-0.63
PBANKA_010630	-0.2155	-0.4758	-0.1862	-0.1894	0.2095	0.3492	0.3199	0.4936	0.5194	0.7151	0.4249	0.5781

PBANKA_123120	0.2578	0.4313	0.2521	0.188	0.1155	0.4833	-0.013	-0.4026	-0.5078	-0.7092	-0.65	-0.7318
PBANKA_132070	-0.1513	-0.0729	-0.5064	0.0011	0.3728	0.3579	0.4299	0.0606	0.1219	0.0932	-0.5183	-0.8783
PBANKA_112450	-0.2598	0.671	0.2344	0.0266	0.5162	-1.0109	0.0043	-0.0324	-0.2528	-0.0818	-0.1471	0.4629
PBANKA_135420	-0.649	-0.3583	-0.4733	0.0803	0.3085	0.5636	0.4582	0.2395	0.3426	0.1807	0.2291	0.5857
PBANKA_121430	0.2714	0.7941	0.492	-0.5007	0.6239	0.5042	-0.0568	-0.0781	-0.2027	-0.3971	0.0773	0.7643
PBANKA_144450	-0.2666	-0.7175	-0.1651	-0.3306	-0.0752	-1.015	0.2546	0.4549	0.8951	0.9659	0.5018	-0.145
PBANKA_091900	-0.4001	-0.3645	0.112	-0.0006	0.4932	0.2326	0.183	-0.4147	-0.9722	-1.3161	-1.3839	-1.5016
PBANKA_110320	0.1972	-0.0921	0.1625	0.5531	0.1369	0.4304	0.1224	-0.0373	-0.0095	-0.3452	0.1552	-0.1643
PBANKA_093990	0.0548	-0.3767	0.277	0.5225	0.5764	0.4178	-0.2869	-0.4039	-0.3761	-0.7797	-0.9107	-0.4408
PBANKA_061380	-0.0616	-0.3699	-0.4758	-0.2779	-0.4004	-0.7255	-0.5686	-0.3137	0.4246	0.2818	1.2954	0.564
PBANKA_091720	0.0831	0.119	0.1809	0.1362	0.2718	0.1763	0.0928	-0.386	-0.4609	-1.0476	-0.6533	-1.0185
PBANKA_052040	-0.1627	0.1642	-0.2868	-0.2206	-0.0926	-0.1472	0.3902	0.3839	0.204	0.6829	-0.1318	-0.1339
PBANKA_122960	-0.2287	0.3603	-0.1496	-0.1405	-0.3205	-0.2024	-0.1935	0.165	0.3105	0.2348	#####	0.5261
PBANKA_103750	-0.2463	-1.5968	-0.214	-0.4912	-0.0955	0.1021	0.2748	0.3045	0.3514	0.6146	0.6941	0.5587
PBANKA_142510	-0.0733	-0.0815	-0.2659	-0.0278	0.0527	0.529	-0.1224	-0.6703	-0.2941	-0.8081	-1.0698	-0.7438
PBANKA_103700	0.1713	0.4202	0.2022	0	0.0937	0.3518	-0.2382	0.0829	-0.1599	-0.7671	-0.6738	-1.1943
PBANKA_102410	-0.145	0.428	-0.3446	-0.608	-0.6739	-0.8024	-0.7306	-0.2806	0.3319	0.7295	1.3377	1.3965
PBANKA_093580	0.0739	-0.6087	0.7775	0.3587	0.1925	0.595	0.3325	0.4035	0.2442	0.1915	-0.3415	-0.2426
PBANKA_100170	-0.9685	-0.4689	-0.5311	-0.2498	-0.3055	-0.417	0.7242	0.7833	1.4019	1.4018	0.4273	0.2229
PBANKA_131020	0.3043	1.0345	-0.0087	-0.0844	0.3739	-0.2302	0.2498	0.3991	0.2587	0.086	-0.6886	-0.2035
PBANKA_072050	-0.0761	0.5798	0.3702	0.4023	-0.0652	-0.02	0.1666	-0.0957	-0.2795	-0.463	-0.6315	-0.188
PBANKA_144620	0.0713	0.0231	0.4764	0.04	0.3278	0.1964	-0.3686	-0.928	-0.626	-0.8381	-0.091	0.6563
PBANKA_121420	-1.0587	-0.7232	-0.6557	-0.0716	-0.1471	0.3367	0.5359	0.6355	0.2966	0.1583	-0.755	-0.735
PBANKA_142360	0.6575	0.4721	0.5231	0.6093	0.4285	0.3331	-0.35	-0.7373	-0.8871	-1.3616	-1.1815	-0.4068
PBANKA_061310	0.0449	0.0918	0.1628	0.0938	0.2276	0.8349	0.3463	0.4197	0.3223	-0.0469	-0.324	-0.2725
PBANKA_103510	0.747	0.6804	0.0102	-0.0689	-0.3451	-0.4805	-0.7073	-0.5956	-0.0007	0.3325	0.8729	0.8868
PBANKA_120160	-0.238	0.1921	0.1856	0.281	0.3679	0.2126	-0.1653	-0.7855	-0.5909	-0.9731	-1.1932	-1.5077
PBANKA_134610	0.2595	-0.0623	0.4386	0.1266	0.4365	0.5094	-0.125	-0.1562	-0.1491	-0.0072	0.7834	1.3016
PBANKA_081520	-0.0041	0.2374	-0.0583	0.2471	0.1692	-0.1353	0.0299	0.225	0.128	-0.1358	-0.8533	-0.0975
PBANKA_111210	-0.1625	-0.1162	0.1337	0.249	0.2743	0.3303	0.1605	-0.0938	-0.0465	-0.248	-0.5699	-0.8835
PBANKA_093190	0.0597	0.2091	-0.2014	-0.284	0.1183	-0.4943	0.2189	0.3178	0.5848	0.5403	-0.243	-0.0488
PBANKA_121850	-0.3968	0.0109	-0.1717	0.1609	-0.0392	0.3368	-0.0431	0.1375	0.502	-0.3366	-0.4066	-0.4234
PBANKA_134970	0.3844	-0.7918	0.1624	0.4391	0.1707	0.3252	0.1514	0.5094	-0.2719	-0.4399	-0.8172	-1.227
PBANKA_092020	0.1043	0.1234	-0.0441	0.353	0.1118	0.0521	-0.2555	-0.1837	-0.0332	-0.2272	-0.4433	-0.1302
PBANKA_060260	0.4733	0.1617	0.2993	0.5257	0.1895	0.758	0.0437	-0.4719	-0.2767	-0.3915	-0.4245	-0.3269
PBANKA_080670	-0.2454	-0.2947	-0.3332	-0.0673	0.2226	0.2231	0.1784	0.4198	0.1697	0.4954	0.2817	-0.3646
PBANKA_100350	-0.1579	-0.3031	0.0893	0.412	0.3596	0.718	0.3459	-0.6359	-0.6258	-0.8159	-0.6158	-0.4206
PBANKA_052470	0.465	0.5677	-0.0542	0.441	-0.0781	0.2389	-0.0567	-0.5378	0.2007	0.3441	0.6769	1.2044
PBANKA_090400	-0.223	-0.6809	-0.1537	-0.0861	0.0455	-0.1736	0.2209	0.4267	0.888	0.7458	1.107	0.2304
PBANKA_144060	0.3028	0.6226	0.1151	0.0924	-0.1282	-0.2535	-0.1417	-0.1017	-0.2531	-0.1936	-0.0035	0.437
PBANKA_141630	0.3651	0.5983	0.5343	0.2315	0.089	0.0913	-0.261	-0.5592	-0.6922	-0.9215	-0.3979	-0.1284
PBANKA_145500	-0.1217	0.2296	-0.0792	0.2035	0.0326	-0.1935	-0.306	-0.237	0.0276	0.1354	0.3164	0.2871
PBANKA_143160	-0.1906	0.1833	-0.0973	-0.2422	0.1523	0.0414	0.0881	0.3071	-0.0929	-0.0321	-0.4254	-0.4168
PBANKA_090340	0.756	-0.7284	0.2553	1.0584	0.8426	0.94	0.4951	0.1268	0.408	0.0026	0.5644	-0.8188
PBANKA_113070	0.0287	0.1565	0.352	0.4583	-0.3129	0.2325	0.3326	-0.0948	-0.661	-0.6529	-0.8986	-0.9411
PBANKA_111070	-0.3129	0.0467	-0.1625	0.2422	0.024	-0.1059	0.2616	0.2189	0.2296	0.2246	-0.0197	0.0923
PBANKA_041290	0.3569	-1.0367	-0.1173	-0.1568	0.0467	-0.783	-0.2179	-0.1305	-0.5105	-0.1564	0.2898	-0.0094
PBANKA_122670	0.3089	0.9267	0.0319	-0.4246	-0.1793	-0.3429	-0.0528	0.21	0.5002	0.7708	0.2228	0.0882
PBANKA_101950	0.651	0.1011	0.3364	0.3967	0.3022	0.0217	-0.3776	-0.7587	-0.7013	-0.8245	-0.3976	0.0754
PBANKA_140320	-0.2055	-0.4934	-0.0685	0.2049	0.3662	-0.1665	0.2215	-0.2768	-0.5851	-0.4573	-0.354	-0.6153
PBANKA_031490	0.3497	0.2247	0.1128	0.3122	0.078	0.3451	0.1369	0.1345	-0.0862	-0.1734	-0.2921	-0.3815
PBANKA_134870	-1.0373	0.4549	-0.5926	-0.3313	-0.2067	0.6427	0.1798	0.513	0.4834	0.8869	-0.0936	-0.322
PBANKA_121840	-0.0881	-0.1718	-0.2527	0.0121	-0.1482	0.1804	0.0497	0.2556	0.0163	-0.1976	-0.4353	-0.5033
PBANKA_102680	-0.1457	-0.3561	-0.2293	0.1007	-0.0132	0.42	0.0252	0.3068	0.5094	0.4213	0.1106	0.0304
PBANKA_102710	-0.9533	-0.9557	-0.7211	-0.2422	-0.0873	0.4414	0.2698	0.4703	0.654	0.5455	-0.0423	-0.8448
PBANKA_122830	-0.0216	0.7797	0.3103	-0.0495	0.1524	0.3504	0.0826	0.7514	0.3669	0.3347	0.5911	0.5657
PBANKA_030460	0.2832	0.1847	0.3953	0.353	0.489	-0.2075	0.1707	0.072	-0.0687	-0.1694	-0.2973	0.3455
PBANKA_100130	-0.4451	-0.0117	-0.4249	0.0115	-0.0789	0.097	0.3333	0.3527	0.2761	0.3531	-0.4382	-0.4064
PBANKA_092860	0.2154	-0.2613	0.2436	0.9602	0.5757	0.359	0.086	-0.1468	-0.0754	-0.7768	-0.8141	-0.4378
PBANKA_081980	0.2732	0.6258	0.1129	0.057	0.0274	-0.0013	-0.1688	-0.4324	0.0461	-0.0657	0.5042	0.4556
PBANKA_030660	-0.5376	-0.5509	-0.2824	-0.5552	-0.4113	0.2734	0.3662	0.449	0.6395	0.5042	0.7334	0.8621
PBANKA_142300	-0.3243	-0.2787	-0.5179	0.4034	-0.4459	0.2556	0.3805	0.4073	1.0354	1.0755	0.7732	0.5545
PBANKA_111930	-0.7534	-0.8852	-0.3335	0.13	0.1452	0.2545	0.6681	0.1736	0.1514	-0.1572	-0.9637	-1.1332

PBANKA_093860	-0.3406	0.221	0.2629	-0.2573	0.0964	-0.1678	-0.6068	-0.4596	-0.4418	-0.9429	-0.9982	-1.0306
PBANKA_101040	-0.8972	-0.9473	-0.935	-0.6674	-0.4917	-0.1909	0.3586	0.6034	1.0667	1.1155	0.5935	0.3334
PBANKA_133030	0.2588	0.1196	0.097	0.333	0.1067	0.4462	0.2183	0.3407	0.3747	0.2934	-0.2055	-0.2362
PBANKA_081510	-0.4123	-0.4233	-0.3434	-0.2575	0.0098	0.2034	0.1527	0.8226	1.4029	1.5402	0.4987	0.6936
PBANKA_051540	0.4308	0.079	0.2395	0.2371	0.1643	0.2969	0.3659	0.2603	0.0574	0.0463	-0.0766	-0.4024
PBANKA_113210	0.5754	0.4843	0.5086	1.0764	0.2814	0.4302	0.0459	-0.146	-0.0703	-0.2396	-0.4176	0.2396
PBANKA_112110	0.1771	1.0961	-0.1848	-0.2345	-0.1258	-0.271	-0.0365	0.0068	0.272	0.1255	-0.0523	0.5992
PBANKA_080920	0.2382	0.2608	0.36	0.1438	0.4696	0.2576	0.4129	0.5073	0.1176	-0.1495	-0.4105	-0.3246
PBANKA_102060	0.0165	-0.3284	-0.5891	-0.7438	-0.3563	-0.9274	0.0234	-0.8643	-0.9731	-0.9038	-1.5509	-1.6927
PBANKA_050400	-0.0808	0.9501	0.2253	-0.0674	0.3482	0.4265	0.1519	0.2294	-0.1103	-0.2589	-0.3814	0.5917
PBANKA_071950	0.2468	0.2726	0.0432	-0.1285	0.114	0.2877	0.0737	0.1894	0.3209	0.4853	0.5162	0.0796
PBANKA_092450	-0.6282	-0.3259	-0.2319	-0.506	-0.1792	-0.1289	0.2744	0.3745	0.2473	0.4071	-0.0823	-0.6199
PBANKA_051610	0.1267	0.5041	0.4227	0.2501	0.1251	0.2237	0.1085	0.2078	0.0366	-0.1797	-0.0054	-0.1081
PBANKA_060900	0.3288	0.8508	0.2998	0.843	0.0791	0.0437	-0.0957	-0.1467	-0.281	-0.0695	0.751	0.2826
PBANKA_021240	0.158	-0.2639	0.4564	0.4341	0.292	0.8046	0.2759	-0.3666	-0.4358	-0.7025	-1.0069	-1.3246
PBANKA_082430	0.4783	0.4804	0.3273	0.6794	0.0201	0.4706	0.1163	0.324	0.5815	0.0123	0.4446	0.0814
PBANKA_110380	-0.5154	-0.4838	-0.4178	-0.2718	-0.1637	-0.6995	0.0873	0.5151	0.8987	0.9881	0.2841	0.3756
PBANKA_052440	-0.0171	-0.1417	0.1624	0.2549	0.0077	0.169	-0.1502	-0.0458	-0.6591	-0.3029	-0.1642	0.1084
PBANKA_122650	-0.5698	-0.3612	-0.0887	0.0617	0.265	0.217	0.2887	-0.0756	-0.8469	-0.9408	-1.3883	-1.7623
PBANKA_091610	-0.8001	-0.4947	0.0678	0.2017	0.4334	0.567	0.3955	0.2406	0.1859	-0.2792	-0.8456	-0.0857
PBANKA_102690	0.3844	0.9096	-0.0212	0.2168	-0.1009	-0.1334	-0.3826	-0.5502	0.3345	0.5173	0.9327	0.7551
PBANKA_140390	0.2679	0.3011	0.3185	-0.0061	0.1034	-0.1745	-0.0643	-0.579	-1.0362	-0.6445	-0.6032	-0.615
PBANKA_143780	0.3098	-0.1266	-0.0888	0.3438	0.1131	0.8315	0.4997	0.4669	0.9184	0.7394	-0.1308	0.1545
PBANKA_021320	-0.0745	-0.4735	-0.0601	0.0909	0.3902	0.0083	0.2984	0.4767	0.2241	0.2514	0.0085	-0.0212
PBANKA_041420	-0.0329	0.1594	0.3907	-0.0305	-0.0636	-0.3503	0.1538	0.0319	-0.3859	-0.4615	-0.3437	-0.5375
PBANKA_141440	0.3189	0.8761	0.3017	-0.0266	-0.0761	-0.0446	-0.1818	-0.3591	-0.4324	-0.0794	1.0604	0.7648
PBANKA_131520	-0.0743	0.5635	-0.2107	0.0571	0.0403	0.1716	0.0501	0.046	-0.1617	-0.1928	-0.2974	-0.0493
PBANKA_112360	0.2828	-0.0637	0.2126	0.6177	0.317	0.3903	0.0596	-0.2515	-0.3508	-0.5317	0.0066	-0.6343
PBANKA_113110	0.2378	0.9085	0.2576	-0.1297	0.225	-0.3708	-0.4102	-0.76	-0.5944	-0.5351	-0.5505	-0.2608
PBANKA_020330	0.5232	-0.1827	0.4664	0.8242	0.4878	0.7578	0.0951	0.0658	0.2025	-0.1977	0.3537	-0.0725
PBANKA_092320	-0.3872	-0.1213	-0.1944	-0.0675	0.0621	0.2427	0.5896	0.174	0.0367	0.1568	-0.5468	-0.4434
PBANKA_070910	0.4483	0.0934	0.4926	0.567	0.5364	0.5533	-0.1448	-0.5794	-0.662	-1.3523	-0.8945	0.2401
PBANKA_041220	0.3153	0.8884	0.0247	0.233	-0.0637	0.1677	-0.4858	-0.2465	0.1627	0.1649	0.797	1.3382
PBANKA_102070	0.9188	0.2308	0.5406	0.202	0.1563	0.5123	-0.1014	-0.4246	-0.3149	-0.6176	-0.633	-0.1547
PBANKA_140750	0.2447	0.1235	0.4947	0.3429	0.3142	0.456	0.1797	-0.0254	-0.2875	-0.6166	-0.6262	-0.0148
PBANKA_140560	0.4132	-0.1976	0.1585	0.2017	0.5393	-0.2571	0.0487	-0.0109	0.2349	0.5619	0.5877	1.0265
PBANKA_061410	-0.8332	-0.6608	-0.0301	0.0652	-0.034	-0.0361	-0.131	-0.2415	-0.2868	-0.5257	-0.5627	-1.1222
PBANKA_110900	0.4061	0.1826	0.3585	0.6308	0.0978	0.0655	-0.2359	-0.2551	-0.4536	-0.2866	-0.037	0.2033
PBANKA_030960	-0.1151	0.1501	0.1636	0.5812	0.0801	0.2358	0.1133	-0.1517	0.0631	-0.1366	-0.1738	-0.5223
PBANKA_010330	0.5306	0.9322	0.3127	0.3163	-0.0152	-0.1839	-0.4245	-0.1759	-0.2366	-0.1109	0.1175	0.4203
PBANKA_060430	-1.5179	-1.0542	-0.7804	-0.266	0.2923	0.3407	0.7067	0.2211	0.0308	-0.6352	-0.7629	-1.2833
PBANKA_092930	-0.5351	-0.2564	-0.2377	0.1589	0.2167	0.6488	0.4571	0.384	0.3783	0.1716	-0.514	0.3087
PBANKA_132150	-0.388	-0.0044	-0.202	-0.845	-0.4672	-1.1702	0.1432	0.2065	-0.2252	0.1251	0.248	0.1527
PBANKA_142420	0.4238	0.5641	0.7678	0.169	0.5867	0.0071	-0.2807	-0.3514	-0.9205	-0.9138	-0.6912	-0.3762
PBANKA_134320	-0.6466	0.0008	-0.886	-0.6683	-0.4077	-0.3589	0.0606	0.6399	0.5276	0.9953	0.3597	0.2366
PBANKA_010220	0.6435	0.2246	0.2647	0.625	0.1659	0.2479	-0.2945	-0.1807	-0.0223	0.0119	0.4868	0.8309
PBANKA_082540	-0.1371	-0.3015	-0.088	0.1825	0.0504	-0.2466	0.5247	0.5802	0.5741	0.4823	0.1387	0.0562
PBANKA_040760	0.5986	1.0162	0.4048	0.1916	0.0864	-0.2651	-0.2879	-0.4535	-1.6905	-0.8016	-0.4419	0.1893
PBANKA_040640	-0.2681	-0.3507	-0.5186	-0.9499	-0.2398	-0.6783	0.2802	0.4935	0.8488	0.6259	-0.1325	-0.3417
PBANKA_120390	0.0191	0.0659	0.426	0.1364	-0.1807	0.4998	0.0808	-0.0256	0.1306	0.1619	0.2899	0.2968
PBANKA_094060	-0.2946	1.0761	0.1301	-0.0271	0.4223	-0.0557	0.1292	-0.2788	-0.2806	-0.211	-0.5318	-0.2262
PBANKA_133770	-0.2136	0.3669	-0.2111	0.0966	-0.0016	0.4519	0.192	0.7897	0.1914	0.4253	0.0274	0.2112
PBANKA_131670	-0.087	0.5449	0.1645	0.4773	0.0519	-0.0372	-0.1039	-0.316	-0.542	-1.0339	-0.8888	-0.1154
PBANKA_000020	0.2964	0.9868	0.3193	0.0656	-0.1117	-0.1635	-0.9383	-0.6895	-0.4875	-0.1216	1.3527	1.3866
PBANKA_092050	-0.4994	-0.7663	-0.8456	-0.2673	-0.5884	-0.2526	0.0598	1.0528	1.2796	1.6685	0.4669	-0.6755
PBANKA_051140	-1.6679	-2.115	-2.1947	-1.014	-0.8789	-0.1159	0.767	1.0676	1.7223	1.8298	-0.2372	-0.9463
PBANKA_071180	0.2935	0.5002	0.2397	0.2495	0.3534	0.4801	0.0776	0.2019	0.1877	0.3408	0.7956	0.4066
PBANKA_140840	0.2391	-0.46	0.3287	0.6632	0.2358	0.827	0.0252	-0.4316	-0.1507	-0.5242	-0.695	0.0404
PBANKA_124200	0.1279	-0.31	0.1364	0.0409	0.3655	-0.0613	0.1396	-0.7609	-0.3739	-0.3376	-0.8424	-0.8872
PBANKA_103840	-0.7382	-0.339	-0.2204	0.0768	0.0743	-0.1393	0.5721	0.4417	0.3603	0.3479	-0.3316	0.4835
PBANKA_050160	-1.5739	-1.7342	-1.5646	-1.0459	-0.9205	-1.4649	-1.3022	-0.5681	0.6479	0.8268	0.447	-0.1918
PBANKA_092900	0.4535	0.1893	0.2677	0.5841	0.1578	0.282	0.3869	0.4073	0.3525	-0.1181	-0.1287	-0.1962
PBANKA_092460	-0.0891	0.068	0.0911	0.6251	0.215	0.3588	-0.1246	-0.4582	-0.7759	-0.9982	-0.9843	-1.0323

PBANKA_144330	-2.0393	-2.078	-2.5374	-0.9992	-0.4993	0.5047	1.2974	1.0567	0.9236	0.9464	-1.2842	-1.7066
PBANKA_071110	-0.009	0.3355	0.1668	-0.2538	-0.3325	0.2639	0.1294	0.0468	-0.0307	-0.0456	-0.2873	-0.2307
PBANKA_113130	0.0489	0.9441	0.1753	0.0732	0.4421	0.5508	0.0907	0.2698	0.5973	0.0061	-0.0954	1.1525
PBANKA_092240	0.0925	-0.0147	0.218	0.3622	0.3576	0.2987	0.0875	-0.2243	-0.6871	-0.9157	-1.2991	-1.2227
PBANKA_111710	-1.6521	-0.6236	-0.8506	-0.6727	0.1618	0.2522	0.4301	0.5643	1.0929	0.727	0.1596	-0.4557
PBANKA_041840	0.255	-0.2094	-0.0958	0.4746	-0.16	0.2148	-0.1544	-0.3385	-0.0943	0.2169	-0.052	-0.3465
PBANKA_132290	-0.0354	-0.2367	-0.3303	0.3444	-0.0344	0.5923	0.2357	0.4256	0.6661	0.3555	-0.1802	-0.0501
PBANKA_133740	0.4922	0.7715	0.4224	0.0347	0.2511	-0.0301	0.0236	-0.0989	-0.372	-0.5518	-0.0146	-0.7046
PBANKA_144820	0.1633	0.5992	0.2542	0.2095	0.1694	0.0521	-0.2309	-0.2359	-0.2151	-0.3624	-0.3409	-0.4853
PBANKA_131050	-0.9852	-0.3025	-0.7909	-0.2863	-0.3206	-0.1249	0.4291	0.5312	0.6437	0.7956	0.0998	0.28
PBANKA_130280	-0.3014	-0.2181	0.0501	-0.17	0.1794	0.8448	0.4599	0.0854	-0.4488	-1.0787	-1.5828	-1.6967
PBANKA_131840	0.0793	0.3556	0.4068	0.0576	0.3302	-0.1747	0.1613	-0.3756	-1.1194	-1.3746	-1.2291	-1.8653
PBANKA_104000	-0.2641	-0.253	0.6259	0.6986	0.0986	0.6407	0.6531	0.2324	0.5197	0.1948	-0.1791	-0.2292
PBANKA_051380	0.2789	0.412	-0.1972	-0.1074	-0.071	-0.3967	-0.057	0.009	-0.5784	-0.165	-0.5864	-1.2264
PBANKA_021180	-0.0006	0.2402	0.1467	0.0566	-0.0671	0.7859	0.1463	0.1301	0.1826	0.1063	-0.2248	0.1668
PBANKA_112930	0.1278	0.2558	0.2147	0.2842	0.1163	-0.2457	0.056	-0.2815	0.4533	0.3088	0.1319	1.1029
PBANKA_135640	-0.4337	0.0522	0.0978	0.2332	-0.3187	0.4011	0.2828	0	0.3029	-0.0055	0.3501	-0.0037
PBANKA_031000	0.2932	0.8033	0.2357	0.5782	0.161	-0.0407	0.0854	-0.2167	-0.3992	-0.3347	-0.5527	-0.1463
PBANKA_140960	-0.2198	-0.3413	-0.1821	-0.2876	-0.2884	0.0665	-0.0404	0.5079	0.7679	1.0905	0.5974	0.4817
PBANKA_060510	-0.1702	0.3138	-0.2305	0.4252	-0.173	-0.1822	-0.0632	0.2128	0.395	0.497	0.3639	0.6668
PBANKA_132610	-0.6919	-0.27	-0.5181	-0.1003	-0.4201	0.1247	0.0838	0.288	0.5424	0.9799	1.0282	1.1291
PBANKA_010060	-1.1369	-0.8707	-0.6768	-0.6098	-0.2065	0.3417	0.5045	0.4958	0.6554	0.7009	0.1867	-0.0977
PBANKA_145890	0.0531	0.0822	-0.1979	0.1636	-0.1948	0.0268	0.2055	0.7521	0.5079	0.4291	-0.2967	-0.0471
PBANKA_134130	-0.1585	0.0186	-0.3389	0.0537	-0.0424	0.4579	0.1748	0.4797	0.2515	0.2564	0.2895	0.4881
PBANKA_050460	0.1569	0.303	0.1988	0.31	0.1574	0.0152	0.1358	-0.2505	-0.548	-0.471	-0.3697	-0.697
PBANKA_101710	-0.5519	0.2825	0.3351	0.3706	0.1239	0.7061	0.1795	0.1288	0.1482	0.1001	-0.3296	-0.6632
PBANKA_140490	-0.3572	0.1753	0.2889	-0.1807	0.5169	0.2378	-0.2429	-0.468	-0.5344	-0.3006	-1.2044	-1.6417
PBANKA_110440	0.012	-0.0093	0.0319	-0.3694	0.0285	0.4787	0.2937	0.5018	0.5949	0.3601	-0.1465	0.2148
PBANKA_080120	0.4475	0.9788	0.1627	-0.1112	-0.2434	-0.6283	-0.386	-0.4755	-0.2162	-0.1799	0.1992	0.3471
PBANKA_093460	-0.4378	-0.2992	-0.0644	-0.0561	-0.0652	-0.5693	0.0461	-0.4037	0.4049	0.7912	-0.0274	-0.0902
PBANKA_040320	0.1761	-0.4206	-0.4554	-0.1969	-0.1944	-0.637	0.2675	0.0952	0.2935	0.0534	-0.5988	-0.3739
PBANKA_123110	0.8374	0.1242	0.6605	0.7506	0.1837	0.549	-0.0372	-0.4067	-0.4623	-0.5678	-0.5044	0.2287
PBANKA_080440	0.0877	0.3696	0.3776	-0.0818	0.2441	0.4029	0.1302	-0.3079	-0.3831	-0.1526	-0.2881	0.0812
PBANKA_120500	0.388	0.2569	0.4756	0.3744	0.3133	0.1664	-0.0135	-1.1392	-1.1954	-1.4723	-0.894	-1.2566
PBANKA_100710	0.3957	0.3229	0.3925	0.4171	0.382	0.0062	0.1782	0.1887	-0.1623	-0.3367	-0.5963	-0.3507
PBANKA_144490	0.2207	0.6255	0.3029	0.1314	0.5288	0.0109	0.0088	-0.1479	-0.5161	-0.179	-0.5875	-0.5369
PBANKA_131550	0.1184	0.6274	-0.0232	0.0504	0.1086	0.2136	0.1613	0.0826	-0.1501	0.1499	-0.3891	-0.3533
PBANKA_114050	-0.0121	-0.2556	-0.022	0.1504	-0.3211	0.5374	0.3185	0.1137	-0.1305	-0.3672	-0.5378	-0.9121
PBANKA_070290	-0.1299	0.3317	-0.4297	-0.2471	-0.0863	-0.5144	-0.0655	0.1351	-0.016	0.1169	0.1419	0.703
PBANKA_050720	-0.0402	0.0172	0.1256	0.1794	0.2209	-0.0459	0.4048	0.1349	0.0195	-0.1739	-0.772	-0.7218
PBANKA_113580	-0.0329	0.579	-0.228	-1.1128	-0.0157	-0.15	0.4769	0.3251	0.3484	0.4259	0.4511	0.8031
PBANKA_102300	-0.1902	-0.5045	0.1076	0.1608	0.2216	0.2166	-0.2084	0.1582	-0.0461	-0.0441	-0.0222	-0.2012
PBANKA_091020	-0.3066	0.2993	-0.441	-0.8824	-0.1274	-1.488	-0.8685	-2.143	-2.0788	-0.9036	-0.5207	-0.4777
PBANKA_124150	0.2471	0.2356	0.3281	0.466	0.5333	0.4065	-0.1208	0.1009	-0.1197	-0.469	-0.6414	-1.2742
PBANKA_041065	0.9393	-0.1495	0.4656	-0.2247	-0.1166	-0.9451	-0.1931	0.0817	-0.0882	0.0177	0.3138	0.1674
PBANKA_130560	-0.2655	0.0533	0.0141	0.8543	0.0062	0.5322	-0.4079	-0.3197	-0.7153	-0.7184	-0.9302	-1.1588
PBANKA_050430	-0.7904	-0.1869	-1.0002	-0.9311	-0.8487	-0.9661	0.0179	0.5538	0.9085	1.4293	1.5277	1.2701
PBANKA_131400	0.0731	0.3472	0.2959	0.1227	0.1032	-0.348	0.1568	0.4817	0.046	0.0315	-0.4518	-0.3725
PBANKA_112590	0.1051	0.2507	-0.2524	0.0831	-0.059	-1.0234	0.1623	0.0039	0.3532	0.4392	0.9977	0.9892
PBANKA_103200	-0.0511	0.1462	-0.2925	-0.1115	0.0949	0.5756	0.3499	-0.3139	-0.2349	-0.7223	-0.7502	-0.9623
PBANKA_132100	0.5664	0.8612	0.314	0.4617	0.2524	0.2796	-0.2662	-0.4545	0.495	-0.1138	0.6571	0.9882
PBANKA_131830	0.0688	0.2104	0.0498	0.2951	0.1618	0.2067	-0.1559	-0.2874	-0.8471	-1.2034	-1.0064	-0.4106
PBANKA_030640	0.3792	0.5668	0.4068	0.3083	0.388	0.537	0.2734	0.3048	-0.222	-0.3892	-0.7765	-0.1725
PBANKA_133930	-0.0926	0.5281	0.0703	-0.091	0.4387	0.2899	0.1171	-0.006	-0.1192	0.1474	0.0608	0.6505
PBANKA_082480	-0.0074	0.1714	0.2807	-0.0457	-0.0094	-0.8919	-0.1665	-0.4091	-0.433	-0.1047	0.5596	0.3571
PBANKA_111500	-0.2953	0.0633	-0.4278	-0.1798	0.0079	-0.3033	-0.4608	-0.1776	0.5	0.7163	0.8583	1.282
PBANKA_051390	-0.9814	-0.6917	-0.6041	0.2437	-0.002	-0.0991	0.3963	0.3958	0.3166	0.5843	-0.1187	-0.0734
PBANKA_114570	-0.0044	0.1221	-0.1581	-0.7183	-0.2893	-1.1095	-0.6576	-0.5126	-0.6344	-0.1009	1.0706	1.3975
PBANKA_051150	-0.2733	-0.0938	0.0852	-0.037	0.0661	0.2119	0.3337	-0.3416	-0.5729	-0.7771	-1.0765	-0.8889
PBANKA_113470	-1.2292	-1.1349	-0.9033	-0.1977	-0.1273	0.0873	0.6036	0.7429	0.7846	0.4339	-0.5837	-0.4505
PBANKA_051520	-0.7058	-0.1659	-0.867	-0.5903	-0.8149	-0.289	0.0912	0.486	0.8391	1.4743	0.9319	0.3592
PBANKA_141780	0.6935	0.8062	0.2942	0.0921	-0.2545	0.3122	-0.5144	-0.8507	-0.3089	-0.286	0.17	0.9279
PBANKA_103300	-0.1134	0.1731	0.2008	0.1361	0.472	-0.621	-0.2705	-0.5337	-0.1012	-0.1173	0.6258	-0.2144

PBANKA_121310	0.0188	-0.0842	0.2885	-0.4051	0.4654	-0.1213	-0.0955	-0.8624	-1.1303	-1.05	-0.6354	-0.5912
PBANKA_131530	-0.3396	-0.6221	0.0519	-0.0701	-0.4036	-0.4654	-0.4129	-0.1893	-0.2203	0.2553	1.2396	1.3226
PBANKA_140830	0.3927	0.1374	0.3824	0.2549	0.262	0.5521	0.0918	-0.7033	-1.2705	-1.1984	-0.9359	-1.1162
PBANKA_051670	0.3739	0.605	0.3178	0.4393	0.1442	0.1398	0.0866	-0.2496	-0.5102	-0.1516	-0.7661	-0.9465
PBANKA_061500	-0.0085	0.5629	-0.1197	-0.3091	0.3193	0.0481	-0.1988	0.1209	-0.212	-0.2248	-0.2353	0.1622
PBANKA_121750	1.1577	-0.5598	0.763	0.3731	0.5108	0.2966	-0.217	-0.384	-0.7225	-1.3653	-1.2869	-1.1413
PBANKA_111870	0.1255	0.1153	0.1231	0.4201	0.084	0.1881	-0.0658	-0.2059	-0.2162	-0.4259	-0.3199	-0.6631
PBANKA_110710	-0.4886	0.1288	-0.321	-0.3949	-0.2897	-0.4409	0.0447	0.1601	0.4448	0.2904	0.6898	0.3256
PBANKA_141090	0.2121	0.0179	0.145	0.0975	0.3559	-0.2367	0.0238	-0.1364	-0.0939	-0.1497	-0.3542	-0.3722
PBANKA_132970	0.308	0.0462	0.0435	-0.2626	-0.8653	-0.7838	0.019	-0.3203	-1.1702	-0.5296	-0.6165	-0.4144
PBANKA_061750	0.1533	-0.3394	0.0532	0.3415	0.047	0.0912	-0.0608	-0.4401	-1.0673	-1.3065	-1.0202	-1.0284
PBANKA_091600	0.3434	-0.4554	0.311	0.4137	0.4729	1.052	0.2591	-0.1761	-0.0562	-0.2878	0.014	0.6447
PBANKA_092150	0.036	0.4516	0.2928	0.1513	0.4009	0.0892	-0.8363	-1.0332	-1.2886	-1.5827	-0.8317	-0.1387
PBANKA_122460	-0.0074	0.5525	0.1126	0.5997	0.3211	0.3848	0.2727	0.6428	-0.0155	-0.2971	-0.3869	0.1718
PBANKA_121230	0.3739	0.2195	0.1494	-0.3709	-0.1632	-0.4633	0.3197	0.1	-0.5368	-0.6245	-1.0313	0.3907
PBANKA_093300	0.2995	-0.863	0.2963	0.8139	0.1981	0.555	-0.2356	-0.0987	-0.2559	-0.0373	0.4847	-0.7363
PBANKA_134280	-0.592	-0.1255	-0.3681	-0.3844	-0.4474	-0.3143	-0.4366	-0.0108	0.5576	0.9022	0.8433	1.1385
PBANKA_103330	-0.968	-1.3182	-0.8332	-0.3844	-0.2622	0.3704	0.6123	0.6373	0.7764	0.6239	-0.9861	-0.631
PBANKA_040110	0.3729	0.7497	0.1893	-0.0076	0.048	-0.2128	-0.2606	-0.3259	-0.1825	0.0137	0.3581	0.9406
PBANKA_120770	0.4379	0.099	0.0324	0.1378	0.0248	0.0823	-0.3263	-0.743	-0.6207	-0.5173	-0.4788	0.1482
PBANKA_021230	0.595	0.3766	-0.0719	0.1839	0.0939	-0.0288	0.1513	0.0799	0.309	0.0079	-0.8713	-0.2915
PBANKA_101790	-0.4132	0.1608	-0.4686	-0.6148	-0.2481	-0.5458	-0.8136	-0.456	-0.8555	-0.1903	0.4505	-0.009
PBANKA_102800	0.1708	0.5827	-0.0609	0.2592	-0.0762	-0.0005	-0.0675	0.1674	0.3201	0.4261	0.4221	0.3501
PBANKA_030530	0.4414	0.2694	0.1258	-0.0525	-0.4321	-0.5162	-0.4273	-0.1738	0.3091	0.4722	1.0727	1.2506
PBANKA_030070	-0.1274	0.6652	0.2348	0.1089	-0.1309	-0.4731	0.1634	0.032	0.2642	0.4019	0.5777	0.1973
PBANKA_122820	0.3362	0.6757	0.0585	0.1655	0.2524	-0.2225	0.1095	-0.2824	-0.2144	-0.2002	0.0268	-0.1946
PBANKA_090710	-0.1834	0.0422	0.1611	0.0614	0.0878	-0.2876	0.0175	0.1967	0.3572	0.4279	0.7429	1.1849
PBANKA_091120	-0.3856	-0.6175	-0.4409	-0.2091	-0.102	0.3887	0.8088	0.1156	-0.0989	-0.3118	-0.669	-0.8463
PBANKA_094030	0.4655	0.3114	-0.0537	0.2065	0.0011	0.1835	-0.0294	-0.1016	-0.1916	-0.0279	1.4647	-0.3146
PBANKA_141270	0.1896	0.2951	0.2674	0.8833	0.1374	-0.0395	0.1797	0.2554	-0.1023	-0.2673	-0.453	-0.4076
PBANKA_020980	0.2573	0.4995	0.386	-0.0646	0.2576	0.032	0.1637	0.234	0.1343	-0.1761	-0.3785	0.2777
PBANKA_133090	-0.1613	0.134	0.1029	0.0167	-0.0128	0.1448	-0.2759	0.068	0.4032	1.0303	0.4369	0.8194
PBANKA_135260	0.1616	0.2224	0.1713	0.4993	0.1998	0.477	-0.0602	0.1136	0.2087	0.3029	-0.2745	0.3454
PBANKA_071070	0.5684	0.3492	0.1782	0.4502	0.3294	0.4632	0.0282	-0.2783	0.0332	-0.2994	-0.338	-0.0653
PBANKA_130940	-0.0014	0.1779	-0.0972	0.1579	-0.3574	-0.0041	0.0204	-0.1276	0.0604	0.3449	1.0623	1.3755
PBANKA_061300	0.3808	-0.1666	0.379	0.3117	0.1709	0.1203	-0.0586	0.3198	0.0603	0.3128	-0.1038	-0.5382
PBANKA_010480	0.368	-0.0192	-0.3454	-0.2723	-0.4653	-1.0126	-0.035	0.1277	0.624	0.9981	1.0488	1.1382
PBANKA_082170	0.7766	0.5483	0.0682	0.1669	-0.0121	0.2933	-0.138	-0.3197	-0.5613	-0.7502	-0.2601	-0.4935
PBANKA_130020	0.8729	0.2904	0.6709	0.2217	-0.1694	0.5206	0.0189	-0.5045	-0.6076	-0.8328	-0.2805	0.4069
PBANKA_136540	0.1346	0.7052	0.0917	-0.4546	0.167	0.1546	0.1734	0.0158	0.0569	-0.5329	-0.5345	-0.5991
PBANKA_144670	0.3005	-0.093	-0.0048	0.6911	0.0218	0.4062	0.0699	-0.5921	-0.0463	-0.5862	-0.6597	-0.6173
PBANKA_111350	-0.0327	0.3191	-0.0279	-0.0392	0.1888	0.1876	0.3156	-0.014	-0.3011	-0.6265	-0.5485	-0.8088
PBANKA_090220	-0.0254	0.7596	0.0631	0.1861	-0.1829	0.2835	0.2103	0.1408	0.2034	0.0407	-0.5271	0.6798
PBANKA_080310	-0.4228	-0.4444	0.0675	0.0925	0.6402	0.5352	0.3383	0.1783	-0.0376	-0.08	-0.5547	-0.7691
PBANKA_070090	-0.0006	-0.3286	-0.0632	-0.233	0.0688	-0.0867	0.1988	0.3475	0.2911	0.3757	0.4429	0.1444
PBANKA_061980	0.6346	-0.0347	0.4852	0.2829	0.0887	-0.591	-0.2686	-0.0476	-0.2843	-0.5005	0.9258	0.3511
PBANKA_112000	0.5832	1.0731	0.1052	0.2903	-0.0789	0.0785	-0.0612	-0.127	0.0615	0.2267	0.0008	-0.0741
PBANKA_061910	0.1276	0.1774	0.3682	0.484	0.3349	0.2379	-0.3185	-0.747	-0.6803	-1.5154	-0.8789	-0.3837
PBANKA_110650	-0.3921	0.4967	-0.5072	-0.7181	-0.1682	-0.0832	0.1056	0.4432	0.3236	0.3772	0.6017	0.5411
PBANKA_144390	-0.7936	-1.3216	-0.5415	-0.0684	-0.1879	0.1762	0.2467	0.557	0.8379	0.8613	0.21	0.0006
PBANKA_100550	-0.4034	0.2056	0.0618	-0.4944	0.0374	0.5145	0.2715	0.2456	-0.2872	-0.2333	0.0903	-0.2015
PBANKA_133700	-0.1472	0.0929	-0.2344	-0.4326	-0.6983	-0.2321	-0.461	0.1636	0.6709	0.748	1.1962	1.1016
PBANKA_020570	0.304	0.6844	0.2182	0.7352	0.289	0.4855	-0.294	-0.4224	-1.3168	-2.0362	-0.6972	-1.1591
PBANKA_092760	-0.1435	-0.1365	-0.2277	-0.7369	-0.1977	0.432	-0.3803	0.3165	0.7403	0.9342	0.8859	1.8531
PBANKA_140250	-0.4933	-0.839	-0.4523	-0.4507	-0.047	-0.3434	-0.0402	0.1927	0.1329	0.086	-0.0042	-0.2003
PBANKA_124220	0.8803	0.2677	-0.1151	0.0829	-0.01	0.0635	-0.6646	-0.593	-0.2114	0.13	0.5679	0.9029
PBANKA_052070	-0.0608	0.3822	0.1043	0.1902	0.2547	0.1199	-0.1083	-0.0012	0.5372	0.4874	-0.2161	-0.0838
PBANKA_141640	0.0404	-0.5824	-0.0858	-0.0325	0.2117	-0.982	-0.3031	-0.3321	0.1116	0.0574	0.6792	1.087
PBANKA_102420	-0.4535	-0.9412	-0.4257	-0.4153	-0.1434	0.0092	0.3004	0.7889	0.6833	0.5482	-0.1786	-0.5953
PBANKA_143220	-1.6549	-0.4807	-1.3743	-1.0358	-1.26	-1.3572	-0.8383	-0.0136	1.2358	1.5484	1.5139	1.6953
PBANKA_071340	0.2123	0.159	0.3119	0.2804	0.3448	0.2707	0.2502	-0.0701	-0.0746	-0.5741	-0.357	0.0237
PBANKA_040550	0.6787	-0.1635	0.281	0.3316	0.2425	-0.0632	-0.4394	-0.7431	-0.6389	-0.5574	-0.4701	-0.1087
PBANKA_102660	0.2541	0.6029	0.1865	0.5017	0.2284	-0.2544	-0.1241	-0.3883	-0.2396	-0.3312	-1.017	-0.0859

PBANKA_082150	-0.0329	-0.0766	0.2148	0.2378	0.4569	0.2941	0.2387	-0.0908	-0.1349	-0.3314	-0.7465	-1.094
PBANKA_061680	0.4197	0.5246	-0.1133	-0.0784	0.1121	0.4198	-0.1564	-0.0929	-0.2242	-0.501	-0.3635	-0.9342
PBANKA_104010	0.2205	0.3255	0.0977	0.1996	-0.1241	0.7787	-0.0082	-0.2664	-0.0734	0.074	0.4227	0.4317
PBANKA_120710	-0.3512	-0.2604	-0.4837	-0.501	-0.1291	-0.1251	-0.5309	0.066	0.6101	0.8969	1.5947	1.7858
PBANKA_135590	0.403	-0.2105	-0.0907	-0.277	0.1779	-0.2869	-0.231	-0.1352	-0.572	-0.5014	0.3166	-0.2407
PBANKA_131180	0.4137	0.2835	0.0095	-0.2199	-0.1839	0.2211	-0.1505	-0.1927	0.1656	0.3826	0.2445	1.1944
PBANKA_061420	-0.3781	-0.1006	0.226	0.2908	0.4243	0.6705	0.1454	0.1125	-0.3152	-0.5593	-0.6922	-0.6398
PBANKA_091670	-0.1479	-0.7624	0.0279	-0.0366	-0.403	-0.8445	0.3026	-0.2602	0.5518	0.5037	0.9391	0.9809
PBANKA_112120	-0.0814	-0.598	0.4518	-0.3845	#####	-0.0865	-0.2581	-0.2788	-0.2801	-0.4742	-0.9559	0.0955
PBANKA_143900	-0.8601	-0.51	-0.4659	-0.5639	-0.0933	0.0906	0.3755	0.1774	0.2379	0.7521	0.3086	-0.3707
PBANKA_142960	0.17	1.0825	0.1631	0.0891	0.2942	0.1945	-0.0445	0.0598	-0.2104	-0.2286	0.0939	-0.654
PBANKA_072010	-0.1713	-0.5402	-0.3308	-0.1578	-0.1872	-0.4099	-1.1971	0.4701	0.3537	0.6215	0.3171	0.4298
PBANKA_143930	-0.3447	0.3652	-0.0406	-0.0097	0.089	0.1807	-0.0159	0.1747	0.0545	-0.0066	0.6459	1.1512
PBANKA_030340	-0.6326	-0.4006	-0.0872	-0.0199	-0.4959	0.4993	0.6175	0.3038	0.2747	-0.22	-0.9371	-1.0209
PBANKA_111300	0.6501	1.3084	0.7917	0.5745	0.5777	0.0021	-0.8014	-1.1758	-1.6167	-1.9592	-1.0707	-1.2395
PBANKA_130230	-0.4051	0.4157	-0.036	-0.1652	0.0229	-0.1388	0.0472	0.265	0.3416	0.3566	-0.0187	-0.073
PBANKA_111970	0.1908	0.3033	0.443	0.6659	0.233	0.3242	0.2145	-0.7564	0.0112	0.0718	-0.062	0.3078
PBANKA_136470	0.6974	0.0627	0.3988	0.1939	0.1918	0.2934	-0.0352	0.0828	0.0418	0.0023	-0.0619	-0.3525
PBANKA_031300	0.8066	-0.437	0.3608	0.3425	0.3475	0.5225	0.1459	0.0447	-0.0539	-0.3884	-0.4097	-0.3845
PBANKA_092270	-0.8232	-0.2883	-0.2942	-0.0981	0.2598	0.2082	0.4257	0.2584	0.272	-0.0857	-0.0978	-0.24
PBANKA_130480	-0.8099	-0.4458	-0.5585	-0.4684	-0.1748	0.1781	0.2522	0.1846	0.1186	0.1311	-0.0811	-0.1801
PBANKA_144790	0.0356	1.745	0.0024	0.2519	0.2867	-0.1364	0.2101	-0.0503	0.3192	0.16	-0.3089	-0.2356
PBANKA_123300	-1.0331	-1.1826	-0.5891	-0.1433	-0.0678	0.48	0.5117	0.6838	0.6997	0.1021	-0.4765	-0.6027
PBANKA_114170	-0.0826	-0.4871	0.2106	0.3731	0.416	0.5753	0.2807	-0.0491	0.1267	-0.3924	-0.8795	-1.183
PBANKA_143050	0.3114	-0.6607	-0.1267	0.3343	0.2605	0.5417	-0.3805	-0.3917	-0.5776	-0.9584	-0.8373	-0.9216
PBANKA_136130	0.1445	0.0089	-0.2646	0.1317	0.3766	0.3375	-0.0664	-0.1506	-0.3795	-0.4528	-0.6316	-0.465
PBANKA_134640	-1.3531	-0.5986	-1.6376	-0.9747	-0.7268	-0.3065	0.2067	0.8371	1.2746	1.2927	0.4785	0.1112
PBANKA_030930	-0.1084	0.0918	0.293	0.1616	-0.5071	0.2738	-0.2969	-0.3166	-0.0298	-0.0753	-0.5235	-0.2997
PBANKA_050320	0.6298	0.7762	0.1836	0.1817	0.0824	0.5354	-0.1933	-0.1238	-0.0321	-0.0216	-0.2259	-0.1871
PBANKA_131240	0.2447	0.4742	0.3212	-0.0372	0.0384	0.3704	-0.0728	0.0331	0.0738	-0.1202	0.0176	-0.0648
PBANKA_141350	0.4574	-0.17	0.1639	0.3213	0.2217	0.6576	-0.0841	-0.1597	0.2724	0.0515	0.3147	-0.4028
PBANKA_040720	0.1036	-0.3909	0.1793	0.2296	0.5356	-1.0578	-0.037	0.0259	-0.113	-0.3462	0.1424	-1.0218
PBANKA_113690	-0.1117	-0.4396	-0.5604	-0.4162	-0.1493	-0.1534	-0.1209	0.405	-0.0488	0.4687	0.333	0.9196
PBANKA_031620	0.2054	1.0359	0.0319	-0.6331	-0.2817	-0.9366	-1.2985	-0.816	-0.2662	0.659	0.7555	0.942
PBANKA_092620	-0.5026	-0.0277	0.1647	0.9153	0.4704	0.8705	-0.0796	-0.0866	-0.5697	-0.7179	-0.6768	-0.717
PBANKA_120080	-0.1663	-0.0241	0.0282	-0.0451	-0.0212	-0.0567	-0.2401	-0.4502	-0.38	-0.213	0.2864	0.8738
PBANKA_031070	0.7806	1.1561	0.5954	0.4909	-0.5484	0.4524	-0.9038	-0.3156	-0.8723	-0.4302	0.1924	0.087
PBANKA_143190	-0.095	0.2764	0.1959	0.6473	0.4011	0.4565	-0.0005	-0.3647	-0.6351	-0.6244	-0.5114	-0.3553
PBANKA_145510	-0.9304	-0.2931	-0.5064	0.0992	0.1012	0.0838	0.1138	-0.5587	-0.2082	-0.2974	-0.0278	-0.1504
PBANKA_113020	-0.5927	-0.3201	-0.1797	0.044	-0.0197	0.5389	0.4061	0.4346	0.4013	-0.1655	-0.8799	-0.2996
PBANKA_094290	0.2639	-0.0432	0.2064	-0.026	0.2711	-0.0844	-0.0953	-0.3707	-0.3256	-0.4694	0.4753	1.013
PBANKA_103160	0.0078	0.3913	0.0279	-0.0591	-0.127	0.1539	-0.2229	-0.1988	0.0208	0.3326	0.3719	0.5089
PBANKA_092850	0.2951	0.7777	0.3423	-0.1615	-0.3707	0.8609	0.0364	0.2312	0.1955	0.5119	0.7573	0.5064
PBANKA_143680	-0.2224	-0.3845	0.0369	0.1515	0.4794	0.6605	0.1625	-0.0261	-0.1836	-0.4192	-0.7516	-0.4413
PBANKA_140070	-0.3031	0.2858	-0.2466	0.2618	0.0611	0.4703	0.4042	0.3793	0.1168	-0.35	-0.8716	0.366
PBANKA_121820	-0.003	0.5141	0.2435	0.1291	0.0874	0.2371	-0.359	-1.2439	-1.4794	-1.4169	-1.9184	-0.9897
PBANKA_093630	0.2742	0.3808	0.0188	0.0766	0.192	-0.1495	0.0828	-0.0559	0.2038	0.132	0.3995	1.0567
PBANKA_072170	-0.0483	-0.2861	0.3484	0.4349	0.6397	0.6958	0.2355	0.0515	-0.4085	-1.5347	-2.1663	-3.2159
PBANKA_083570	-0.3082	0.0495	0.084	0.0078	0.0407	0.1606	-0.0654	0.1348	0.2664	0.0314	-0.0281	-0.0914
PBANKA_050470	0.0752	0.4545	0.1125	0.4304	0.3562	0.6465	0.1604	0.059	0.278	-0.1292	-0.5995	-0.9137
PBANKA_091070	-0.5054	-0.4704	-0.4017	-0.1126	-0.1032	0.2971	0.0696	0.4438	0.7583	1.0892	0.611	-0.1546
PBANKA_094280	0.3569	-0.0762	0.2743	0.1255	0.0465	-0.1579	-0.2325	-0.3046	-0.3221	-0.4596	-0.1297	0.2792
PBANKA_101330	-0.059	0.141	-0.0174	-0.09	-0.0258	-0.1986	0.1338	0.5544	-0.1145	-0.0342	0.044	0.0393
PBANKA_020760	-0.3342	-0.0631	0.0768	-0.0881	0.0373	-0.2905	0.1977	0.5613	0.3543	0.2332	0.1915	0.0472
PBANKA_020860	0.4158	-0.16	0.3217	0.1546	0.0781	0.258	-0.1494	-0.6168	-0.9259	-1.1452	-1.0287	-1.3595
PBANKA_113450	0.2397	0.4315	0.1951	0.2777	-0.0081	0.3157	-0.0797	-0.1622	0.0524	0.0974	0.1079	0.6465
PBANKA_130180	-0.017	-0.0232	-0.1292	-0.1495	-0.3374	-0.0452	0.3026	0.4592	0.7195	0.6277	0.5889	0.7524
PBANKA_121270	-0.0423	0.6417	-0.0684	-0.1034	0.0104	-0.0125	0.179	-0.0333	0.2915	0.206	-0.199	-0.2459
PBANKA_050580	-0.1979	0.0029	-0.203	-0.1384	-0.0836	0.083	-0.0272	-0.3291	-0.1615	-0.0278	0.4625	0.4832
PBANKA_093260	-0.8069	-0.5836	-0.7645	-0.0508	-0.6083	-0.2709	-0.5434	-0.54	0.0381	-0.1126	0.0433	1.2673
PBANKA_120760	0.2215	1.1595	-0.014	0.1784	-0.1499	0.1691	0.1548	-0.2007	0.0257	-0.4656	-0.2998	0.0456
PBANKA_143820	0.1874	0.0365	0.1304	0.3941	0.2315	0.5975	0.1787	0.4559	0.4592	0.1914	-0.4677	-0.6869
PBANKA_143310	0.0259	-0.1785	-0.0616	-0.2671	-0.0658	0.2537	0.0661	0.0301	0.0941	-0.1077	0.2883	0.4189

PBANKA_135500	-0.2133	0.8962	-0.093	-0.2358	-0.1276	-0.2654	0.0448	-0.0842	-0.5427	-0.3282	-0.4836	-0.5008
PBANKA_040100	0.1951	0.7543	0.6861	-0.2167	0.063	0.1496	-0.7839	-0.0514	-0.3455	-0.0372	0.2236	0.928
PBANKA_134710	0.4483	-0.1307	0.3262	0.2618	0.1776	0.1033	0.0834	-0.599	-0.7741	-0.9526	-1.5264	-1.1899
PBANKA_100300	0.306	-0.3276	0.1224	0.4575	0.0775	0.419	0.0098	0.0731	-0.2899	-0.1645	-0.4987	-0.2017
PBANKA_130370	0.1399	0.1937	0.1368	-0.0428	0.2389	-0.006	-0.1932	0.0237	-0.5154	-0.4497	-0.3062	-0.3911
PBANKA_110470	0.5848	0.243	0.3475	-0.0993	0.2408	-0.3631	0.1103	-0.2806	-0.1167	0.0372	-0.0837	-0.0355
PBANKA_124510	0.3597	-0.0192	0.2359	-0.1275	0.0926	0.1163	-0.2602	-0.1175	-0.6467	-0.3225	-0.114	0.2434
PBANKA_062320	0.2062	-0.4539	-0.3719	-0.8877	-0.181	-1.0669	-0.7033	-0.7452	0.0812	0.3594	0.8649	1.7253
PBANKA_094320	0.0513	0.4926	0.1726	0.5365	0.1435	0.4767	-0.009	-0.4166	-0.3601	-0.5891	-0.2103	-0.5513
PBANKA_040160	0.2394	0.8282	0.2975	0.356	0.2482	0.2087	-0.2677	-0.555	-0.2444	-0.2343	0.1997	-0.0675
PBANKA_113870	0.2135	0.7251	0.2292	0.1656	0.4799	0.3255	-0.0797	0.0523	-0.4842	-0.3122	-0.0933	-0.5683
PBANKA_061630	0.0133	0.1214	0.1655	0.6731	0.2786	0.8033	0.3091	0.0085	0.3554	-0.1677	-0.6048	-0.4103
PBANKA_081600	-0.0829	0.1682	0.4545	0.3382	0.1139	0.4694	0.0837	0.3153	0.1933	0.0131	0.0761	-0.1012
PBANKA_071960	-0.1333	0.1729	0.4548	0.0851	0.296	0.3001	-0.2313	-0.2608	-0.4263	-0.7128	-0.4542	-0.2021
PBANKA_061890	-0.6048	0.0029	0.1464	0.2139	0.503	0.4223	0.1134	-0.3478	-0.5836	-1.1371	-1.2584	-1.5664
PBANKA_130130	-0.4465	-0.001	-0.0746	-0.3576	0.5902	-0.1917	-0.6888	-0.3273	-1.0357	-0.1723	0.1563	-0.3321
PBANKA_060380	0.0414	0.8324	0.5213	0.5744	0.256	0.4311	-0.0329	-0.2865	-0.17	-0.4067	-0.7328	-0.5892
PBANKA_070800	0.2813	0.9143	-0.1283	0.2367	0.2671	0.1368	-0.2042	-0.2071	-0.2632	-0.3861	-0.4252	-0.1558
PBANKA_081540	-1.0729	-0.437	-1.1061	-0.5705	-0.4874	-0.1536	0.2245	0.7958	0.8363	1.1733	0.9428	0.8661
PBANKA_061040	0.7694	0.6556	0.5012	-0.5513	-0.0998	-0.0994	-0.7772	-0.5562	-1.2698	-0.5615	0.7634	0.8735
PBANKA_131810	0.0707	0.5061	0.3686	-0.149	-0.1827	-0.2643	-0.3214	-0.5668	-1.2507	-0.9421	-0.394	-0.5002
PBANKA_110590	0.2957	-0.026	0.1253	0.4989	0.1555	-0.0965	0.2566	0.2181	0.0316	-0.1443	0.4383	-0.3478
PBANKA_093980	-0.1034	0.1261	-0.0636	0.1218	0.2415	0.1158	-0.4244	-0.4225	0.0096	-0.5577	-0.7395	-0.7478
PBANKA_090700	0.4498	0.4245	0.0775	-0.0083	0.1825	0.7322	-0.1504	-0.5229	0.157	-0.4397	0.2741	-0.079
PBANKA_041750	0.1431	-0.4468	0.3253	0.5883	0.4978	0.132	-0.6113	-0.7883	-0.5979	-1.297	-0.6649	-0.3877
PBANKA_131460	0.1483	0.1416	0.0435	-0.0364	0.2325	-0.5716	0.1514	-0.282	-0.7892	-1.056	-1.2781	-1.0223
PBANKA_112630	-0.3201	-0.1692	0.1263	0.4062	-0.1567	0.4579	0.5313	-0.2715	0.0754	0.3246	0.4916	0.2849
PBANKA_030510	-1.7105	-0.7183	-1.5568	-0.9334	-0.644	-0.0031	0.8923	0.9018	0.9172	1.4184	0.0295	-1.0127
PBANKA_051450	0.0672	0.3055	0.3209	0.4095	0.3511	0.4298	-0.0379	-0.3143	-0.4005	-0.6811	-0.9643	-0.7384
PBANKA_080090	0.3188	-0.1517	0.3505	0.3827	0.3807	0.6318	0.093	-0.208	-0.0506	-0.1786	0.073	-0.1836
PBANKA_060160	-0.0597	0.3773	-0.0353	0.1737	0.1528	-0.2931	0.0277	0.0077	-0.0583	0.0738	-0.3593	-0.4553
PBANKA_120260	0.0699	0.3957	-0.038	-0.5929	-0.4254	-0.1064	-0.0938	0.0702	0.1521	0.4055	0.8132	1.0346
PBANKA_010680	0.0399	0.3286	0.1096	0.2291	0.153	0.0988	0.014	-0.1068	-0.0943	-0.307	-0.1522	-0.1055
PBANKA_092140	-0.4093	-0.2488	-0.265	0.0864	0.3085	0.1121	0.0055	0.2728	0.6091	0.4239	0.9248	1.3331
PBANKA_131620	-0.2278	0.2025	0.183	-0.0626	-0.0989	-0.1093	-0.336	0.1964	-0.3324	-0.2551	0.0077	-0.6775
PBANKA_141750	0.3371	0.5336	0.7114	-0.1651	0.1978	0.5419	0.0434	-0.2687	-0.1932	-0.4217	-0.4617	-0.2753
PBANKA_020680	-0.1791	0.2632	0.0756	0.4562	0.1668	0.0676	-0.0651	0.1404	0.0893	0.026	0.3268	0.4782
PBANKA_031590	-0.3887	0.3264	0.0846	0.2138	0.2062	0.2163	-0.0263	-0.349	-0.1936	-1.0099	-0.7554	-0.7812
PBANKA_021300	-0.1437	0.375	0.3356	0.1769	0.1247	-0.1403	0.0178	0.2032	-0.1166	-0.2299	-0.1087	-0.0025
PBANKA_132310	0.4625	0.4005	0.2369	-0.0207	-0.577	-0.2487	0.0247	-0.3879	-0.4591	-0.2732	-0.0319	0.0224
PBANKA_123740	-0.0863	0.0171	0.06	0.168	0.3013	0.7417	0.0563	-0.4733	-0.5752	-0.7933	-0.9082	-0.6331
PBANKA_132230	0.331	0.2138	0.4944	0.1558	0.1039	0.5726	0.2045	0.0463	-0.053	0.0652	-0.43	-0.2806
PBANKA_134490	-0.3658	-0.1825	-0.2745	0.5242	0.3107	0.2816	0.4372	0.649	0.7305	0.7931	-0.028	-0.3972
PBANKA_031280	0.4537	0.517	0.4884	-0.0474	0.0061	0.9916	0.0165	0.0392	0.0137	-0.3149	-0.6015	-0.2321
PBANKA_092530	-0.617	-0.1514	-0.301	-0.438	-0.1179	-0.4064	-0.58	-0.0014	0.3422	0.308	0.7755	1.2206
PBANKA_122230	-0.3265	0.1956	-0.1699	0.0823	0.1171	0.1078	0.0454	-0.115	0.2272	0.1691	-0.6543	-0.4022
PBANKA_111050	-0.1827	0.0443	0.3996	0.2956	0.6052	0.0095	-0.0209	-0.5268	-0.8941	-1.4526	-1.2306	-1.0446
PBANKA_030370	-0.1516	0.0267	-0.1041	-0.1261	0.3034	0.2034	-0.1797	0.1378	0.0874	0.1661	-0.4635	-0.7426
PBANKA_146230	0.2181	-1.9459	-0.7108	-0.4252	-0.2673	0.0994	-0.0052	0.2713	-0.1443	-0.336	-0.3189	-0.4742
PBANKA_140990	-0.2392	0.3289	0.289	-0.2415	-0.1664	0.589	0.1562	0.0139	-0.2261	-0.2663	-0.3623	-0.3581
PBANKA_112270	-0.0959	-0.1643	-0.6868	-0.3446	-0.5704	-1.0284	-0.8695	-0.1257	0.7785	1.4003	1.2809	1.4712
PBANKA_071940	0.3902	0.3768	0.2084	0.4939	0.4145	0.279	-0.2312	0.1772	0.0159	-0.1482	-0.2743	0.0834
PBANKA_124340	0.7926	0.8113	0.2616	0.0231	0.2718	0.0678	-0.0928	-0.0297	0.0914	0.4079	0.393	0.8855
PBANKA_122050	-0.1646	-0.3432	-0.5126	-0.4181	-0.0926	-0.2437	-0.3041	0.1911	0.2502	0.509	0.024	0.0604
PBANKA_145970	-0.106	-0.3057	-0.2753	-0.8115	0.3745	0.0789	-0.6321	-0.543	-0.4238	-0.4578	-0.5156	0.0276
PBANKA_050390	-0.6772	-1.0161	-0.3251	0.072	0.4083	-0.3123	0.3055	0.7535	0.6141	0.5299	-0.3186	-0.2634
PBANKA_132250	0.6761	0.5001	0.1771	0.5632	0.1648	0.1948	-0.1772	-0.3655	0.1713	-0.1012	0.3691	0.437
PBANKA_121030	-0.5007	-0.8566	0.0094	0.1325	0.1574	-0.1119	0.1904	0.2528	-0.0552	-0.6019	-0.6823	-0.164
PBANKA_134380	0.1906	0.2816	0.2686	-0.0247	0.2305	0.2055	-0.1586	-0.6121	-0.6342	-0.6527	-0.423	-0.6671
PBANKA_135150	-0.5425	-0.7465	-0.4845	-0.1682	-0.3577	-0.6995	-0.0282	0.4518	0.0127	1.2879	1.309	1.3481
PBANKA_051240	0.1129	0.2145	-0.3354	-0.4261	-0.064	-0.6871	-0.549	-0.2984	0.3112	0.9394	0.9905	0.8977
PBANKA_010340	-0.4539	0.3768	0.2117	-0.1944	0.0718	0.1786	-0.1181	-0.306	-0.5491	-0.6052	-0.0742	-0.4203
PBANKA_110510	0.0571	-0.4085	-0.0127	0.1651	0.2218	0.5652	0.3946	0.3804	0.3007	0.0914	-0.6492	-0.3139

PBANKA_135320	-0.1277	-0.3522	-0.0583	0.4821	0.3069	0.498	0.427	0.1596	-0.0244	-0.4239	-1.2709	-0.8244
PBANKA_122870	0.0155	0.2584	-0.2631	0.0366	-0.3981	-0.5046	-0.322	-0.2127	0.3006	0.6524	1.2821	1.4648
PBANKA_134580	0.2599	0.8777	-0.2105	-0.2501	-0.5148	-0.2259	-0.9231	-0.6267	-0.4238	0.4617	1.1658	1.6418
PBANKA_061530	0.197	-0.2385	0.0193	0.0348	-0.0764	-0.315	0.1607	0.3586	0.304	0.4788	0.5852	0.1779
PBANKA_093010	0.0506	-0.0155	-0.2335	0.1211	-0.1549	0.0879	0.3653	0.7914	0.6601	0.714	0.2294	0.1936
PBANKA_093690	-0.5273	-0.2447	-0.1483	-0.0456	0.162	-0.3368	0.0484	0.1229	0.096	0.1235	0.1379	0.2379
PBANKA_072020	0.3541	0.0855	0.2563	0.268	0.2319	-0.6799	-0.3285	-0.0134	0.0815	0.0108	0.0515	0.0097
PBANKA_091410	-0.3233	-0.1374	-0.1231	-0.0582	0.0108	0.3352	0.0941	0.3244	0.339	0.1307	-1.1491	-0.0612
PBANKA_082860	-0.1565	-0.6594	0.0785	-0.0288	0.0719	0.0246	-0.4345	0.0838	-0.2234	-0.013	1.0174	-0.4622
PBANKA_134030	0.028	1.0622	0.2041	-0.2728	0.1127	-0.5547	-0.284	0.1138	-2.4997	-0.2842	0.8685	0.9664
PBANKA_070460	0.2306	0.7105	0.1358	0.0403	0.1102	-0.2129	-0.031	0.2735	-0.0864	-0.3078	-0.6211	-0.1789
PBANKA_031080	0.5665	0.2843	0.2921	0.2693	0.1089	0.2964	-0.0154	-0.0588	-0.2475	-0.1192	-0.3398	-0.3857
PBANKA_123420	0.2809	0.1613	0.339	0.3368	-0.0407	-0.1479	0.2138	-0.1871	-0.337	-0.7	-0.5739	-0.1944
PBANKA_122570	-0.2714	-0.3888	-0.1358	-0.1685	-0.2155	-0.3319	-0.1038	0.3925	0.0174	0.0328	-0.5157	-0.4337
PBANKA_141980	-0.5428	-0.3849	-0.6213	-0.2609	-0.1453	-0.0205	0.2818	0.3532	0.6135	0.7716	0.1197	-0.1991
PBANKA_000520	-0.555	-0.1081	-0.6773	-0.2252	0.0189	-0.2595	0.1891	0.1435	0.7671	0.684	0.5921	1.4136
PBANKA_122040	-0.0115	0.1215	0.0311	0.2643	0.3947	0.3964	0.2188	-0.0115	-0.1865	-0.3531	-0.2231	0.0341
PBANKA_133780	-0.7195	0.1463	-0.443	-0.3527	-0.1424	-0.2083	0.4299	0.2833	0.3015	0.1187	-0.4982	-0.2361
PBANKA_130550	-0.3684	0.0436	-0.3839	-0.5004	-0.0486	-0.3463	-0.4865	-0.1568	-0.5158	-0.0816	0.2944	-0.0311
PBANKA_062220	0.4074	-0.309	0.3075	0.3854	0.0786	-0.3285	-0.3772	-0.0848	-0.3355	-0.6725	-0.354	-0.5378
PBANKA_132260	-1.2928	-0.8221	-0.537	-0.2695	-0.0945	0.2936	0.1558	0.2224	-0.0791	-0.1113	-0.5535	-0.2214
PBANKA_080180	-0.2608	-0.6017	-0.17	-0.1791	-0.1332	0.0974	0.16	0.249	0.367	0.6176	0.3814	0.0441
PBANKA_091960	-0.1164	0.3998	-0.1549	-1.2918	0.0459	0.4674	0.2092	-0.2731	-0.1823	-0.4666	-0.6951	-0.5158
PBANKA_082210	0.0312	0.3304	-0.1132	0.1934	0.1465	0.4235	-0.121	0.0368	0.4646	0.2476	0.7178	0.6922
PBANKA_030350	-0.2166	-0.6476	-0.497	0.3313	0.1492	0.4098	0.3916	0.7627	0.432	0.0592	-0.2794	-0.056
PBANKA_122340	-0.038	-0.9043	-0.1541	0.2138	0.0973	-0.211	0.2186	0.3335	-0.2398	-0.1166	-0.1426	0.0836
PBANKA_121930	0.2989	0.3612	0.3668	0.0344	0.4296	-0.0348	-0.0108	-0.4573	-1.3149	-1.5274	-1.4733	-1.8031
PBANKA_051410	0.2464	0.1797	-0.0539	-0.409	-0.0237	0.0415	-0.0358	0.1339	-0.0621	0.1103	0.7969	1.0409
PBANKA_135400	-0.2378	0.1704	-0.558	-0.1786	-0.3915	-0.1366	-0.1839	-0.0721	0.8869	0.776	0.7743	0.9673
PBANKA_132740	0.5968	0.336	0.4231	0.1972	0.3239	0.1548	-0.0686	0.0766	-0.4913	-0.8583	-0.945	-1.4682
PBANKA_143380	0.2122	0.1356	-0.0196	-0.0996	-0.2295	-0.1702	-0.4436	-0.4894	-0.5914	-0.413	-0.726	-0.4922
PBANKA_040280	-0.0375	0.5479	-0.3681	-0.591	-0.716	-0.7691	-0.1587	0.3335	0.5521	1.3296	1.2822	1.1885
PBANKA_093210	-0.6351	-0.136	-0.027	-0.033	0.0642	0.2756	0.1916	-0.1075	-0.4545	-0.3848	-0.1956	-0.325
PBANKA_143360	-0.447	-0.157	-0.2758	0.0007	-0.0164	0.0497	-0.0203	0.3188	0.5804	0.6387	1.1831	1.0753
PBANKA_020720	0.2146	0.1995	0.3958	0.4426	0.4047	0.0854	0.2792	-0.0958	-0.0863	-0.5955	-0.0621	0.155
PBANKA_070890	-0.0909	0.5171	0.1255	0.2861	0.1715	0.3039	0.0047	0.0992	-0.211	-0.6805	-0.7142	-0.5993
PBANKA_080760	0.1341	0.4107	0.1657	0.0865	-0.0316	-0.2725	-0.1968	-0.7865	-0.7111	-1.1737	-0.5101	0.2035
PBANKA_112860	-0.0723	0.2331	-0.3804	0.0792	0.0952	0.0429	0.0695	-0.5146	-0.3963	-0.0498	-0.2626	-0.4996
PBANKA_083630	-0.4351	0.0711	0.0973	0.1153	0.1846	0.1402	0.1004	-0.3438	-0.2992	-0.2351	-0.5263	-0.6053
PBANKA_103600	0.4471	0.3326	0.1159	0.0142	-0.1621	0.0805	-0.1575	0.0484	-0.0615	0.1717	0.4955	0.6617
PBANKA_120310	0.0391	0.3873	0.4562	0.6304	0.238	0.3748	-0.1059	-0.1427	0.1833	-0.3241	0.1088	-0.0167
PBANKA_092080	-0.4061	-0.2116	0.0042	0.4173	0.3543	0.589	0.0425	-0.2438	-0.5868	-1.028	-1.1773	-1.1701
PBANKA_133990	0.2627	0.1493	0.5087	-0.4678	-0.0713	-0.0014	-0.0725	0.2252	-0.6108	-0.7066	-0.9732	-0.8013
PBANKA_021340	0.1347	0.5527	-0.0035	-0.1675	-0.0797	-0.4436	-0.4622	0.0266	-0.1412	0.2713	0.6663	1.293
PBANKA_123310	-0.0567	-0.2146	0.2008	-0.1035	0.2689	0.8281	0.3741	-0.1863	-0.3915	-0.6803	-1.1795	-1.3103
PBANKA_110240	0.1833	0.487	0.359	0.2893	0.2047	0.623	0.0218	-0.1498	-0.2893	-0.5117	-0.2274	0.2493
PBANKA_092870	0.0719	0.2731	0.0211	0.0984	0.0694	-0.0788	-0.1907	0.0383	0.0087	0.0863	-0.0137	0.0842
PBANKA_052060	0.5041	0.3174	0.3323	0.3341	0.3046	0.1919	0.0823	-0.5348	-0.5244	-1.1197	-0.8815	-0.5306
PBANKA_103620	-0.2731	0.0084	0.1855	0.1661	0.2607	-0.2813	0.2318	-0.176	-0.253	-0.633	-0.3349	-0.052
PBANKA_040630	-0.3236	0.2439	-0.035	0.0404	-0.3236	0.2061	0.0028	0.0679	-0.1114	-0.0106	-0.0933	0.0741
PBANKA_142060	-1.407	-0.9847	-1.2519	-0.5799	-0.5901	-0.0442	0.7546	0.9467	1.1289	0.9304	-0.1743	-0.7667
PBANKA_145100	-0.0143	-0.533	0.1191	-0.1486	0.2647	0.982	0.3024	0.2592	-0.1463	-0.0463	-0.6163	-0.3146
PBANKA_041430	-1.0639	-1.1471	-0.9648	-0.4208	-0.2911	0.4518	0.7753	0.9509	1.0753	0.9044	0.1508	-0.0748
PBANKA_123130	-0.2422	-0.8985	-0.3067	-0.409	-0.5952	0.2018	0.1721	0.4306	0.0993	0.252	0.7844	0.0456
PBANKA_120610	0.6056	0.5012	0.2238	0.4295	0.5165	-0.1457	0.1989	-0.2295	-0.0044	-0.5992	-0.4073	0.7793
PBANKA_134450	-0.2031	0.221	-0.4716	-0.2914	-0.4136	-0.6343	-0.3962	-0.3726	0.2823	0.7369	1.2233	1.444
PBANKA_113770	-0.6658	-0.4285	-0.5246	0.0914	0.144	0.1344	0.174	0.0936	0.2141	0.1423	-0.4464	-0.4712
PBANKA_062200	-0.507	-0.035	-0.4092	-0.1297	-0.246	-0.4495	0.1873	0.3812	0.7614	0.8706	0.4153	0.759
PBANKA_143620	-0.1128	-0.1185	-0.1649	0.2008	0.124	0.0473	0.3439	0.622	0.4362	0.5536	0.2333	-0.3936
PBANKA_052460	0.1874	-0.2692	-0.3147	0.2236	0.0675	-0.2771	0.1193	0.0125	0.3789	0.742	-0.0579	-0.0114
PBANKA_101500	0.1585	-0.0478	0.0847	0.1481	0.2579	0.4333	0.3076	-0.0617	-0.3889	-0.6647	-0.4762	-1.4947
PBANKA_010730	0.1973	0.2344	0.3846	0.4998	0.5398	0.472	-0.1673	-0.4916	-0.9596	-1.2813	-1.6257	-1.2175
PBANKA_040980	-0.0282	0.7969	0.2293	0.3943	0.1022	-0.0482	0.1617	-0.3167	-0.2872	0.0809	-0.1222	-0.2779

PBANKA_133200	0.3745	0.3637	0.0007	0.1613	-0.0126	-0.1535	0.1018	-0.0433	-0.1402	-0.212	0.0193	-0.6366
PBANKA_102500	-0.782	-0.8992	-0.491	-0.1936	0.2459	0.006	0.5113	0.2993	0.1625	-0.0969	-1.0794	-0.7208
PBANKA_102820	-0.1986	-0.8642	-0.4025	0.1494	-0.3268	-1.1091	0.044	0.3366	0.6008	0.8543	0.292	0.1881
PBANKA_070820	-0.1691	0.4155	0.1436	0.2501	-0.0299	-0.1909	0.1927	0.2649	0.1706	0.1159	0.2333	0.2609
PBANKA_030720	-0.504	-0.5678	-0.3555	-1.1757	-0.452	-0.2627	-0.2256	-0.6004	0.039	-0.5858	-0.5963	-0.2259
PBANKA_130090	-0.4731	-0.2386	-0.839	-0.6825	-0.4395	-0.105	-0.6914	-0.8364	-1.0207	-0.9658	-0.34	-0.9738
PBANKA_113860	-0.2155	-0.0738	-0.2	0.0277	-0.1357	-0.0945	-0.1818	-0.5004	0.0194	0.1099	0.3951	0.6944
PBANKA_082850	-0.34	-0.3958	0.0511	0.2579	0.4106	0.618	0.1273	0.1588	0.3592	-0.1191	-0.3946	-0.2309
PBANKA_031090	0.257	0.2497	0.3395	0.2537	0.1334	0.4123	-0.0128	-0.4291	-0.5931	-1.089	-1.1242	-0.5743
PBANKA_102630	-0.1078	-0.1641	-0.2338	-0.0744	0.0311	-0.6746	0.1986	0.4765	0.4889	0.3998	0.7561	0.5379
PBANKA_112950	0.4532	-0.1353	-0.3369	0.227	0.0909	0.3612	-0.1537	0.0286	-0.347	-0.5978	-0.2565	0.0499
PBANKA_111790	0.4324	0.71	0.2797	0.191	0.2279	0.5402	-0.0148	-0.0079	-0.2796	-0.4103	0.1915	-0.2294
PBANKA_052400	0.3803	0.5243	0.6764	0.0525	0.2463	0.3089	0.0904	0.1711	0.1539	0.0198	-0.2699	-0.1608
PBANKA_132660	-0.123	-0.2691	0.0231	0.3584	0.1243	0.325	-0.0724	-0.0942	0.2221	-0.0149	1.0913	1.5129
PBANKA_112290	0.2034	1.0324	0.2477	0.0832	-1.0187	0.1163	-0.2729	-0.4078	-0.6	-0.5583	0.0514	0.01
PBANKA_111860	-0.4398	-0.3018	-0.0073	0.1662	0.6809	0.2156	-0.0461	-0.4918	-0.868	-1.1205	-0.7847	-1.3746
PBANKA_120190	0.2047	0.202	0.5012	0.4488	0.0367	-0.0542	-0.2863	-0.8446	-1.111	-1.743	-0.8281	-0.4
PBANKA_132020	-0.1653	0.2187	-0.0216	0.2758	0.0235	0.3834	0.0298	0.1316	0.2756	0.1887	0.3451	-0.0784
PBANKA_143670	0.3719	-1.3054	0.3146	0.0906	0.3381	-0.0252	0.2528	0.3315	0.179	-0.4497	-0.5648	-0.2914
PBANKA_051750	-0.099	0.4103	-0.2404	-0.3089	-0.289	-0.5251	-0.4397	-0.3324	-0.1946	0.5495	1.5127	1.5736
PBANKA_102790	-0.0432	0.146	0.2521	0.3658	0.406	0.3032	-0.1493	-0.4573	-0.3032	-0.7313	-0.7254	-0.3983
PBANKA_092470	-0.1874	-0.5064	-0.1451	-0.2795	-0.2583	-0.7891	0.0475	-0.8694	-0.5398	-0.6549	-0.4943	-0.3068
PBANKA_081960	-0.0897	0.0475	0.2416	0.1325	0.0933	-0.5451	0.3701	0.3735	0.6283	0.8156	0.8876	0.3045
PBANKA_093840	-1.2985	-1.1198	-0.2569	0.3372	0.2708	0.8067	0.3437	-0.1509	-0.6121	-1.4176	-1.7838	-2.4047
PBANKA_011250	-0.1404	-0.3169	-0.3981	0.1867	-0.132	-0.6738	-0.5966	0.1933	0.4998	0.6356	0.6134	1.3518
PBANKA_111750	0.473	0.7202	0.3706	-0.0194	-0.0601	-0.6073	-0.4424	-0.678	-0.885	-0.9688	0.1298	-0.1853
PBANKA_040440	-1.0066	-1.1319	-0.4448	0.3045	0.0683	0.7244	0.5273	0.3017	0.2829	-0.1465	-1.1914	-0.8964
PBANKA_082970	0.2261	0.6975	0.1619	0.1426	-0.2302	-0.6943	-0.5175	-0.855	-0.6779	-0.448	0.2435	0.7185
PBANKA_142080	0.1538	0.3925	0.2447	-1.0334	0.1608	-0.1139	-0.001	-0.0487	0.1752	0.0986	0.4669	0.782
PBANKA_140980	-0.9491	-0.9697	0.1041	-0.2354	0.3017	0.4973	0.2538	-0.242	-0.3026	-0.6903	-1.392	-1.0958
PBANKA_070240	0.145	0.0406	0.2425	0.235	-0.3359	0.2907	0.2344	0.5879	0.2625	0.4688	0.2108	-0.0104
PBANKA_142450	-0.3428	-0.2888	-0.6566	-0.3225	-0.5503	0.0141	0.0378	0.526	0.8938	1.3407	0.8397	0.3659
PBANKA_052350	-0.5961	0.3386	0.2468	-0.2185	0.1411	-0.2785	-0.266	-0.6881	-1.0143	-0.8704	-0.8476	-0.6009
PBANKA_124320	-0.3358	-0.1886	-0.4487	-0.2709	-0.4308	-0.1634	0.029	0.2634	0.498	0.0111	0.6524	0.9781
PBANKA_101120	0.2843	-0.9988	0.0453	0.727	0.2829	0.6345	0.0223	0.2299	0.308	0.16	0.4454	-0.0121
PBANKA_123350	-0.0772	-0.5238	-0.0581	-0.1916	-0.2328	-0.7034	-0.0545	0.2861	0.247	0.4331	0.9223	0.5285
PBANKA_124700	-0.8889	-1.0169	-1.2664	-1.0103	-0.1022	-0.5786	0.2623	0.3217	-0.1599	0.1149	0.0667	-0.6611
PBANKA_141610	-0.4478	-0.0748	-0.241	0.1611	0.1861	0.5699	0.4876	0.4269	0.3443	0.1149	-0.567	-0.6303
PBANKA_111520	-0.7257	-0.5087	-0.5432	-0.071	-0.2091	-0.4605	0.1109	0.5012	0.9646	0.9966	0.9366	0.6293
PBANKA_041360	0.1696	0.1135	0.2954	0.3203	0.1675	0.3027	-0.3804	-0.4244	-0.5666	-0.6525	0.136	0.2077
PBANKA_101460	-0.2764	-0.0536	-0.17	0.4616	0.3576	0.2095	0.2206	0.2724	0.0848	-0.1051	-0.0963	-0.4797
PBANKA_145490	0.1169	-0.3	0.2362	0.3366	-0.231	0.4251	0.1445	0.452	0.2709	0.0548	-0.0083	-0.6429
PBANKA_120110	-0.4162	-0.5448	-0.0482	-0.1704	0.121	-0.3232	-0.1933	-0.0765	-0.4405	-0.1565	-0.6059	0.2667
PBANKA_080230	0.19	0.2662	0.1493	0.2344	0.2487	-0.1196	-0.1545	-0.0889	-0.1042	-0.2181	0.1701	0.2438
PBANKA_051920	-2.2889	-1.2341	-2.3462	-1.9721	-1.532	-0.8803	0.217	0.7284	1.0122	1.6961	1.5185	0.6737
PBANKA_091970	0.6052	0.1399	0.4298	0.6945	0.2959	0.5964	-0.0602	-0.1034	-0.4428	-0.5067	-0.5606	-0.506
PBANKA_102150	-0.0031	-0.4948	0.2361	0.1843	0.0973	0.1251	0.305	0.4142	0.1357	-0.595	-1.1347	-2.0154
PBANKA_134150	0.2068	0.2584	0.0613	-0.2354	-0.1163	-0.1928	-0.6143	-0.6628	-1.0326	-0.7987	-0.2605	-0.4761
PBANKA_010610	0.2768	-0.1833	0.2573	0.1972	0.3338	0.2605	0.0941	0.4478	0.1733	-0.025	-0.111	0.2615
PBANKA_052050	0.2979	-0.9397	0.0381	0.0515	-0.0116	0.7545	0.1632	0.073	-0.565	-0.4606	-1.0531	-0.1772
PBANKA_143000	0.2013	-0.0976	0.2433	0.4705	0.1162	0.3658	0.0322	-0.2265	-0.2028	-0.4417	-0.4132	-0.767
PBANKA_120700	-0.0258	0.4139	-0.1183	-0.3372	-0.3874	-0.5452	-0.9295	-0.3846	-0.0209	0.4154	0.7488	1.7357
PBANKA_040350	0.0593	-0.0356	0.2409	0.3767	0.2791	0.3456	0.0068	-0.1444	0.3937	-0.2482	-0.2085	-1.1617
PBANKA_040420	-0.0397	-0.4466	0.1327	0.2822	0.3421	0.5801	0.3871	0.1078	-0.11	-0.5387	-0.856	-1.7197
PBANKA_080890	0.1622	0.3137	0.2919	0.2445	0.0471	0.143	-0.0633	0.1574	-0.2477	-0.2733	-0.6232	-0.5793
PBANKA_113730	0.1341	0.5422	0.0535	0.0979	-0.1087	0.326	-0.0611	0.0438	0.2265	0.1153	-0.0219	-0.3208
PBANKA_123460	0.3982	0.3883	0.3527	0.0082	0.2752	-0.0525	0.0051	-0.3433	-0.3657	-0.5047	-0.4116	-0.8657
PBANKA_101220	-0.4585	0.0171	-0.0134	0.104	0.1398	0.3481	0.0884	0.1053	0.021	-0.1944	-0.3897	-0.3235
PBANKA_145850	-0.0442	0.0157	0.078	0.5998	0.1214	0.3899	0.0146	-0.347	-0.756	-0.6591	-0.2814	-0.5927
PBANKA_146120	-0.234	0.0886	-0.0766	-0.3276	0.0785	-0.0459	-0.302	-0.2965	-0.471	-0.6496	-0.9196	-0.3477
PBANKA_051660	0.3635	0.8021	0.4345	0.5414	-0.0923	0.0037	-0.1975	-0.4665	-0.9498	-0.7611	-0.1454	-0.663
PBANKA_131270	-0.6106	0.2546	-0.2915	-0.941	-0.1886	-0.2292	-0.5199	0.2209	1.1358	1.0991	0.8688	1.3876
PBANKA_142600	0.2775	0.4691	0.1709	-0.2552	0.0924	0.6142	0.2502	-0.0752	-0.0349	-0.2233	-0.4513	0.5615

PBANKA_144210	-0.3943	-0.5013	0.1012	0.0349	0.0917	-0.0021	0.3227	0.4523	0.3883	0.1044	-0.1185	-0.4895
PBANKA_132790	0.3682	0.5264	0.2364	0.2558	0.2035	0.1938	-0.1836	-0.0255	0.0156	-0.1317	-0.2688	-0.2746
PBANKA_144940	0.3282	0.1887	0.3616	0.1557	0.1535	0.3232	0.122	-0.1944	-0.3276	-0.4782	-0.2529	0.752
PBANKA_112050	0.3804	-0.1701	0.2986	0.6015	0.2576	-0.1417	0.0213	-0.3967	-0.8105	-0.7141	-0.5031	-0.6286
PBANKA_143200	0.3285	-0.295	-0.0057	0.2032	0.118	0.0853	-0.0022	0	-0.2123	-0.6737	-0.8838	-1.449
PBANKA_136100	-0.2657	-0.224	-0.2046	-0.1846	-0.4885	-0.1744	-0.0397	0.457	0.9119	0.9684	0.3644	0.1447
PBANKA_132630	-0.2068	0.0005	0.0654	0.1821	-0.5733	-0.0596	0.0257	0.1552	-0.0574	-0.0225	-0.239	-0.4568
PBANKA_030270	-0.2327	0.1601	0.2365	-0.0171	0.1786	0.8174	-0.0828	-1.091	-0.411	-0.9656	-1.1005	-0.2395
PBANKA_102750	0.1453	0.5692	0.3355	0.1981	-0.1576	-0.1497	-0.5593	-0.7703	-0.3603	-0.3376	0.7872	1.0406
PBANKA_060620	-0.1283	-0.263	-0.3847	-0.0119	-0.1602	0.1212	-0.2247	-0.1735	0.2098	0.4111	1.1173	1.1921
PBANKA_060970	0.5352	0.5179	0.4801	0.4953	-0.0073	0.1786	-0.221	-0.1794	-0.1496	-0.4047	-0.3822	-0.2175
PBANKA_141310	-0.3515	0.4251	-0.4891	-0.5424	-0.3235	-0.9258	-0.562	-0.7185	-0.8116	-0.734	-0.9048	-0.9372
PBANKA_050420	0.4414	0.6067	-0.1801	0.3495	-0.1232	-0.503	-0.5968	-0.0986	0.1551	0.5754	0.4496	0.5776
PBANKA_061590	-0.1571	-0.3305	-0.1327	-0.1414	-0.1285	-0.2414	0.0441	0.3939	0.6198	0.7793	0.4222	0.3962
PBANKA_083340	-0.3195	-0.3583	0.2599	0.7759	0.528	0.7477	0.1555	0.1951	-0.2752	-0.8628	-1.4581	-1.2886
PBANKA_144590	-0.0029	-1.7012	-0.1261	0.0766	-0.0527	0.0632	-0.2075	-0.1504	0.3632	0.4128	0.3691	-0.165
PBANKA_030610	-0.2275	-0.3017	-0.0158	-0.1853	-0.0304	-0.0067	-0.0308	-0.1877	0.0019	0.2523	0.3899	0.341
PBANKA_040600	-0.2947	-0.4381	-0.1684	0.031	0.0756	-0.4238	0.3097	0.2748	0.6995	0.6471	-0.2385	0.1923
PBANKA_092360	0.7224	0.2697	0.6407	0.4595	0.3023	-0.2707	-0.2987	-0.6118	-1.0039	-1.3477	-1.0775	-0.9264
PBANKA_145930	-2.1359	-1.4626	-1.2297	-0.6062	0.1155	0.3522	0.5512	0.5741	0.4969	0.1028	-0.2207	-1.141
PBANKA_041770	-0.8361	-0.3006	-0.6665	-0.0419	0.0506	0.1224	0.386	0.1289	0.2475	0.2539	-0.0148	0.2135
PBANKA_146320	-0.1844	-0.3895	0.2589	0.1759	0.0605	0.5118	0.0202	-0.0583	-0.3614	-0.5483	-0.4966	-0.3423
PBANKA_093090	-0.8143	-0.5309	-0.1681	-0.1573	0.1594	0.0633	0.1769	-0.0436	-0.155	-0.2041	-0.8109	-0.8475
PBANKA_083130	0.2653	0.2151	0.1053	0.1753	0.2632	0.2217	0.2238	0.4505	-0.1353	-0.0816	-0.2988	-0.1946
PBANKA_030630	-0.0274	0.0033	-0.1314	0.0016	0.0462	0.2173	0.1216	-0.1266	-0.2968	-0.6825	-0.3667	-0.6385
PBANKA_135470	-0.5928	-0.4729	-0.155	-0.3963	-0.0835	0.2143	0.3809	0.229	-0.1044	-0.4007	-0.9701	-0.6403
PBANKA_092170	-1.0605	-0.3533	-0.4768	-0.2555	-0.4745	-0.3422	0.0977	0.7469	1.164	1.4156	0.9007	0.4105
PBANKA_101280	0.329	0.1814	0.4179	0.6451	0.1685	0.4889	-0.0138	-1.0109	-0.8089	-1.2981	-1.1418	-1.0838
PBANKA_094360	0.0766	0.1602	-0.0576	0.3198	0.4189	-0.0245	-0.6714	-1.1026	-0.8985	-2.0144	-0.3618	-0.4713
PBANKA_031270	0.4615	0.3972	0.2445	0.381	0.1098	0.2572	0.1238	-0.0538	-0.3373	-0.5075	-1.0065	-0.5563
PBANKA_091490	0.4951	-0.2097	-0.0669	0.0368	0.0932	0.1128	-0.1028	-0.2968	-0.4546	-0.7477	-0.8678	-1.4206
PBANKA_114430	-0.3084	-0.4179	-0.3561	-0.1634	0.1131	0.1968	0.543	0.7489	0.722	0.6535	-0.0512	-0.8972
PBANKA_113320	-0.5334	-0.8089	-0.1803	0.5181	0.5007	0.6249	0.495	-0.1156	-0.0501	-0.7362	-0.5575	-0.0837
PBANKA_121500	0.2093	0.4081	0.0706	0.6236	0.3339	0.6229	0.3459	0.4037	0.2246	0.0642	-0.2702	-0.4167
PBANKA_110780	-0.3114	0.0626	0.0065	-0.013	0.0518	0.1779	0.0624	0.1903	0.6521	0.0682	-0.6047	-0.1814
PBANKA_110870	-0.5283	-0.9111	-0.2451	0.0198	0.0205	0.3687	0.1328	0.1833	0.3906	0.5388	0.4382	0.2024
PBANKA_092420	0.1477	0.4484	0.2182	0.2552	-0.0037	-0.0366	-0.0643	-0.2794	-0.6335	-0.5778	-1.0694	-0.0838
PBANKA_092720	-0.4122	-0.0559	0.0952	-0.429	-0.0103	-0.0444	-0.0115	-0.131	0.0575	0.2296	0.1448	-0.0712
PBANKA_135130	-0.2012	-1.0287	-0.0183	0.1509	0.0333	0.5605	0.3129	0.5783	0.4848	0.4905	-0.0216	-0.2024
PBANKA_135870	0.135	0.4602	0.1246	-0.1551	-0.0168	-0.3193	-0.0596	-0.2245	-0.2491	-0.3889	-0.3877	-0.3828
PBANKA_041400	-0.0654	-0.3085	0.1441	-0.3596	0.0598	-0.147	0.1564	0.3563	0.2422	-0.2016	-0.1529	-1.078
PBANKA_072090	-0.2345	0.3559	-0.4783	0.1758	-0.196	-0.3476	-0.3124	-0.0069	0.5401	0.65	1.5172	1.8074
PBANKA_142110	0.4618	-0.0634	0.3593	0.4998	0.3092	0.3023	0.0137	-0.4419	-0.5194	-0.6457	-1.067	-1.3674
PBANKA_080360	0.2346	0.7391	0.1857	-0.5559	-0.0249	-0.0842	-0.0122	-0.0137	-0.3415	-0.1453	-0.0081	0.0475
PBANKA_070930	0.8539	0.1285	0.4383	0.0066	0.4849	0.4368	-0.2098	-0.1206	-0.3995	-0.631	-0.5719	-0.7143
PBANKA_100060	-0.0794	0.6085	-0.0452	-0.7397	-0.1298	-0.9017	-0.9914	-0.7274	-0.359	0.3225	1.3622	2.0531
PBANKA_041700	0.7566	0.1697	0.2148	0.5517	0.5303	0.4457	0.0643	-0.2216	-0.7709	-0.7102	-0.8214	-0.5264
PBANKA_050660	-0.2948	-0.9322	-0.1247	-0.1438	-0.0539	0.1964	0.3198	0.3176	0.088	-0.3921	-0.9746	-1.1813
PBANKA_122770	-0.1756	0.0719	0.0046	-0.264	0.1889	0.741	-0.0436	0.2381	0.5625	0.1979	-0.274	-0.3228
PBANKA_120250	0.175	0.5304	0.267	-0.1221	0.2262	0.0688	0.0502	-0.1055	0.1266	0.2054	-0.0729	-1.5987
PBANKA_071530	-0.9148	-0.428	-0.8604	-0.5621	-0.413	-0.0424	0.2485	-0.0644	0.215	0.1364	0.1136	-0.0135
PBANKA_144190	0.5923	0.6094	0.3503	1.0198	-0.2789	0.1907	-0.4995	-0.2478	-0.9122	-0.3122	0.1458	0.2926
PBANKA_131470	0.6418	0.4862	0.3931	-0.019	0.2825	0.4665	0.1576	-0.257	-0.0316	-0.3943	-0.3461	-0.6438
PBANKA_145900	0.2309	1.2081	0.445	0.0522	-0.3374	-1.3695	-0.5045	-0.4867	-0.429	0.044	0.4369	0.9012
PBANKA_031630	-0.055	-0.2816	-0.6095	-0.005	-0.2842	-0.1813	-0.0437	0.2066	0.5066	0.8831	0.4824	1.9964
PBANKA_113260	-0.4099	0.3544	-0.2275	0.4197	0.4189	0.1914	0.0417	-0.316	-0.4598	-0.5716	-0.4741	-0.9463
PBANKA_120060	0.0112	0.5014	-0.3992	-0.5162	-0.2001	0.0352	-0.5095	-0.2493	0.2942	0.6041	1.6337	1.9199
PBANKA_071330	-0.6489	-0.4789	0.1705	0.3019	0.5398	0.5513	0.2336	-0.0824	-0.7061	-1.3951	-1.1914	-2.0462
PBANKA_083520	0.0337	-0.9672	0.0989	0.1521	0.3374	-0.0217	0.1299	0.2947	-0.4218	-0.2433	-0.4869	-1.8661
PBANKA_101520	0.0572	-0.138	-0.0262	0.1515	-0.0465	-0.0461	-0.0423	0.0849	0.0439	0.0031	0.6355	-1.8156
berg08:tRNA:rfamsc	0.5212	1.0245	0.3747	-0.1971	-0.6668	-0.3409	-0.5724	-0.3543	-0.5691	0.0918	0.6143	1.007
PBANKA_071320	-0.7078	-0.7433	-0.7896	-1.1769	-0.6855	-0.2783	0.1955	0.6598	-0.7659	1.3887	0.4975	-0.1265
PBANKA_114140	-0.2686	-2.0188	-0.6845	-0.4249	-0.3672	-0.3991	-0.4629	0.0741	0.4668	0.5568	1.4307	0.9543

PBANKA_010100	0.2329	-0.1143	0.3761	0.2348	0.2926	0.4853	-0.1946	-0.7666	-1.0876	-1.5519	-1.3183	-1.2806
PBANKA_031600	-0.3952	-0.0866	0.3104	-0.0879	0.0092	0.2456	0.0307	0.3062	0.164	0.1735	-0.1324	-0.2866
PBANKA_071190	0.3224	0.4194	0.5828	0.2887	0.6706	0.2265	-0.8644	-0.8569	-1.1267	-1.9402	-1.4807	-1.6393
PBANKA_061690	0.3535	0.7008	0.1567	0.2954	0.4422	0.1066	-0.3311	0.0235	-0.1085	-0.1121	-0.3956	-0.3998
PBANKA_111590	-0.1956	-0.0753	-0.0747	-0.0907	-0.2151	-0.996	0.3159	0.5793	0.8108	0.9222	0.3223	0.1657
PBANKA_136030	0.7827	0.8094	0.4965	0.2097	0.4578	0.0741	-0.4007	-0.6251	-0.9534	-1.3895	-1.1726	-1.3905
PBANKA_144470	0.1722	0.3641	-0.0985	0.0497	0.0977	0.3436	0.079	0.0994	-0.3178	-0.1721	-0.2535	-0.5174
PBANKA_103050	-0.4085	0.2032	-0.0156	-0.4231	-0.0168	0.2144	0.0728	-0.172	-0.0722	-0.2179	0.0961	-0.6786
PBANKA_122360	0.1805	0.2006	0.3679	0.1341	0.5478	0.1579	0.306	-0.0076	-0.6882	-0.9631	-1.0756	-1.0697
PBANKA_081000	0.6902	-0.1134	0.001	0.3303	-0.9091	-0.1527	-0.2244	-0.0454	0.2392	-0.3095	-0.0312	-0.0263
PBANKA_136400	0.1501	0.3492	0.0696	-0.0746	0.1144	-0.0815	-0.0847	-0.2978	-0.1049	-0.1157	-0.4915	-0.5316
PBANKA_080650	0.3038	0.0007	-0.0993	0.5133	-0.1353	0.1798	-0.2176	-0.3505	-0.7165	-1.0269	-0.6072	-1.0967
PBANKA_051820	-0.3874	0.473	0.2527	-0.0873	0.0686	-0.1401	-0.2491	-0.1191	-0.7274	-0.5838	-0.4958	-0.6484
PBANKA_134560	-0.1536	-0.2582	0.0708	0.1173	0.0969	-0.1748	-0.1833	-0.2979	-0.4342	-0.8414	-0.4011	0.0451
PBANKA_080870	0.3657	1.1729	0.2161	0.0944	-0.3044	0.2554	-0.1781	-0.3325	-0.0806	0.1159	0.652	0.5082
PBANKA_081050	0.4623	0.2873	0.2895	0.2103	0.2161	-0.0273	-0.4494	-0.7873	-0.5196	-0.4363	0.4173	0.2895
PBANKA_122520	-0.0867	-0.8789	0.3737	0.6672	0.4945	0.8279	0.0209	-0.674	-0.7462	-1.3564	-1.289	-1.2317
PBANKA_140820	0.3854	-0.0924	0.2463	0.235	0.0966	0.3825	0.1127	-0.249	-0.478	-0.2734	-0.1466	-0.2041
PBANKA_021400	-0.1926	-0.8757	-0.0498	-0.1137	-0.1182	-0.5944	0.0936	0.0715	0.1356	0.2374	0.4592	0.2437
PBANKA_123280	0.2585	0.2313	-0.0024	0.3296	0.0949	0.2086	0.4734	0.3867	0.1735	0.0799	-0.3953	-0.4361
PBANKA_114580	0.0699	-0.3017	-0.017	0.2947	0.1483	0.094	-0.1972	-0.337	-0.138	-0.6986	-0.0498	0.4118
PBANKA_092210	0.3117	0.0889	0.3958	0.5155	0.4621	0.1774	-0.0314	-0.417	-0.7001	-1.4605	-0.8933	-0.1041
PBANKA_100080	0.5791	0.1765	0.3203	0.503	0.3098	0.3342	-0.1782	-0.3844	-0.9472	-1.1881	-1.0963	-1.2451
PBANKA_081710	-0.0381	-0.3148	0.5169	-0.0068	0.2772	0.3577	0.7241	0.272	0.3795	0.0461	-0.3807	0.1187
PBANKA_080080	-0.2055	-0.1111	-0.0298	0.179	0.3855	0.6111	0.1164	0.1756	0.2219	0.0426	-0.2047	-0.1976
PBANKA_092890	0.0458	0.7063	0.2215	0.787	0.2323	0.5236	0.3849	0.1601	0.1361	-0.1213	0.1609	0.3909
PBANKA_091250	-0.4387	-0.4052	-0.0257	-0.3619	0.1024	0.5812	0.142	0.3817	0.6152	0.8776	0.8259	2.0649
PBANKA_132330	-0.9091	-0.1282	-0.0635	0.3664	0.2641	0.1731	0.3571	0.0935	0.2048	0.0523	-0.3653	0.0941
PBANKA_071200	-0.4925	0.1979	-0.1035	0.2842	-1.3239	0.2586	0.0211	-0.3137	0.2724	0.3181	1.4211	1.4615
PBANKA_051200	-0.0871	-0.1698	0.3975	0.4739	0.2944	0.7391	0.0397	0.2345	0.3219	0.0694	0.8097	1.2058
PBANKA_020820	-0.3969	0.0253	0.0762	0.4868	0.1136	0.4554	0.1973	0.1722	0.1895	-0.1671	-0.4976	-0.8746
PBANKA_050170	-1.0106	-0.3843	-0.8523	-0.7537	-0.2714	0.1422	0.2166	0.2539	0.3099	0.2879	0.0831	-0.3228
PBANKA_120130	-0.1818	-0.2574	-0.3647	0.1166	-0.2876	-0.141	-0.0086	0.2235	0.058	0.3617	-0.2638	-0.5083
PBANKA_091580	0.3487	0.6603	0.2831	0.4976	0.2556	0.629	0.0515	0.0376	0.2786	0.1449	0.5762	0.707
PBANKA_100760	0.214	0.8982	0.2039	0.2906	0.1649	0.0702	-0.0241	-0.1693	0.0502	-0.2265	-0.0928	-0.1642
PBANKA_020970	0.2934	-0.5386	0.1005	-0.3334	-0.2706	0.228	0.2126	0.7111	0.086	0.247	0.2306	-0.3516
PBANKA_083040	-0.5062	-0.3418	-0.891	-0.6903	-0.3821	-0.0031	-0.3249	-0.0055	0.3811	0.8712	1.2705	1.6343
PBANKA_092180	-0.104	-0.2387	-0.1285	0.489	-0.1995	0.2132	0.136	0.1973	0.153	0.4258	1.0348	0.762
PBANKA_121620	-0.56	0.1515	-0.3802	-1.0467	-0.1953	-0.0412	-0.3793	-0.4784	-0.3582	-0.3567	-0.4664	-0.2104
PBANKA_101440	0.2089	0.2083	0.4043	0.6119	0.1913	0.2887	-0.1152	-0.013	-0.6005	-0.5419	-0.289	-0.9305
PBANKA_061840	-0.2259	-0.1667	-0.1633	0.2864	0.1692	0.2566	0.433	-0.0096	-0.1152	-0.2152	-0.8334	-0.9091
PBANKA_092670	-0.7225	-0.1576	-0.5934	-0.5115	-0.4441	-0.4141	-0.1258	0.2521	0.8864	1.1624	1.0939	1.4358
PBANKA_135060	0.8683	0.54	0.1674	0.3647	-0.0319	-0.139	-0.2272	-0.3519	-0.4296	-0.9693	-0.3098	-0.4881
PBANKA_103660	-1.0846	-0.6669	-0.8041	-0.1826	0.1127	0.3197	0.4896	0.5412	0.2773	0.0389	-0.9985	-1.0362
PBANKA_110180	0.6697	0.5562	0.0177	0.7198	0.259	0.0806	0.2217	0.1752	0.2646	-0.1378	0.2785	-0.0066
PBANKA_103980	-0.0757	0.8111	-0.4877	-0.5044	-0.6077	-0.1774	-0.3168	-0.5062	-0.33	-0.4013	-0.214	-0.1703
PBANKA_146290	0.3092	0.1372	-0.0754	-0.279	-0.3404	-0.2166	-0.3545	-0.2002	0.3217	0.7559	0.9528	1.5756
PBANKA_070080	-1.0362	-0.8779	-1.344	-0.535	-0.1175	0.0699	0.4955	0.1387	0.0882	0.1807	-0.2436	-0.2881
PBANKA_143270	-0.0511	0.2754	0.1843	0.2953	0.4726	0.8255	0.1703	0.3285	0.305	0.2268	0.5439	0.5497
PBANKA_141660	0.1554	-0.6049	0.0881	0.3869	0.4414	0.2872	0.2611	-0.4627	-0.6797	-1.213	-1.0092	-1.0076
PBANKA_121660	0.1532	-0.0756	0.137	0.3999	0.4074	0.4137	0.2397	-0.2038	0.1941	-0.0003	0.0066	0.5019
PBANKA_135880	-0.8309	-0.1081	-0.5005	-0.1705	-0.0448	-0.3793	0.4442	0.0891	0.0982	-0.1397	-0.7443	-0.7629
PBANKA_080660	-0.3384	0.2631	-0.1798	-0.3302	-0.1245	-0.7627	-0.3455	-1.0109	-0.8844	-0.7396	-0.6153	-0.4764
PBANKA_140670	0.3737	0.5433	-0.083	-0.1498	0.0591	-0.8944	-0.0319	0.0381	0.0144	-0.7091	-0.0021	-0.1728
PBANKA_114160	0.2271	-0.3501	0.248	0.264	0.1112	0.5755	0.2848	0.3735	0.4181	0.5477	0.3597	-0.3211
PBANKA_060840	0.319	-0.339	0.2678	0.3498	0.2136	0.5873	0.0586	-0.4318	-0.1473	-0.718	-0.9845	-0.1551
PBANKA_011130	-0.7143	-1.1097	0.1407	0.6573	0.769	0.6435	-0.0146	-0.83	-1.2252	-1.7219	-1.5743	-2.4242
PBANKA_132120	0.0677	-0.148	-0.1727	-0.2393	-0.3192	-0.5247	-0.2131	-0.1101	-0.1004	-0.2889	-0.3113	-0.0746
PBANKA_130630	0.353	0.1835	-0.3925	-0.36	-0.1294	0.2177	-0.262	-0.1555	0.1516	-0.0925	-0.7325	-0.5621
PBANKA_134790	-0.0505	0.2322	0.0359	0.035	0.1795	0.3828	0.1509	0.2598	0.33	0.289	-0.3683	-0.5551
PBANKA_031430	-0.0801	-0.1168	-0.051	0.2856	-0.2535	0.2538	0.0366	0.1147	0.1442	0.2342	0.7622	0.1159
PBANKA_090830	0.0854	0.3601	-0.1451	-0.1346	-0.1057	-0.3321	-0.5107	-0.1273	0.2504	0.6869	1.4958	1.2938
PBANKA_071280	0.9306	0.1384	0.1241	-0.0985	-0.5047	-0.7609	-0.5584	-0.6961	-0.4363	0.2527	0.4808	0.6707

PBANKA_101870	0.2751	0.3512	0.0526	0.8207	0.2425	0.372	0.0014	-0.3059	-0.5289	-0.7831	-0.2528	0.0684
PBANKA_051250	0.442	0.2909	-0.4296	-0.1072	-0.4719	-0.7869	-0.5962	-0.2109	0.6188	0.9532	1.1703	1.5598
PBANKA_071770	0.1385	-0.5301	0.4991	0.6021	0.7923	0.6612	0.3837	0.0527	0.0687	-0.1519	-0.1483	-0.261
PBANKA_145430	0.2982	0.0111	-0.012	-0.0866	0.1517	0.0695	-0.1757	-0.089	-0.6714	-0.6636	0.1532	-0.6296
PBANKA_122740	0.1895	0.1192	0.056	0.1094	0.1518	-0.0616	0.3608	0.2555	0.3515	0.4122	-0.4964	0.4663
PBANKA_061160	-0.44	0.1926	-0.2746	-0.1928	-0.0507	0.1158	0.1626	0.2735	0.2145	0.2466	-0.4276	0.8015
PBANKA_123990	-0.0666	0.4756	0.1	-0.3528	-0.1287	0.0678	0.1222	0.0179	-0.1461	-0.2279	-0.3617	-0.3729
PBANKA_112820	0.6412	0.6594	0.2511	-0.0197	-0.3959	-0.0211	-0.7291	-0.5144	-0.0497	0.5615	1.1968	1.4767
PBANKA_093780	-0.0455	0.2379	-0.1753	-0.0847	-0.3153	-0.143	-0.2604	-0.1591	0.2553	0.4352	0.6449	1.4388
PBANKA_010190	0.2079	0.0992	-0.258	-0.3755	-0.083	-0.2008	-0.1773	-0.1678	-0.47	-0.2319	-0.4671	-0.702
PBANKA_021190	0.019	0.221	0.0317	-0.4146	-0.0684	0.3208	0.2559	0.3955	0.0341	0.1001	-0.1705	-0.0587
PBANKA_070680	-0.1715	1.4074	-0.1511	0.3352	0.3879	0.1838	0.2047	-0.0482	0.1047	-0.1606	-0.2541	-0.6504
PBANKA_132210	-0.5986	-0.1673	-0.166	0.0706	0.3336	-0.0477	0.2841	0.1163	-0.1168	-0.104	0.0781	-0.1905
PBANKA_051020	0.3727	-0.22	0.0745	-0.0189	0.0664	0.0361	-0.1017	0.3189	0.9609	0.2443	-0.2968	-0.6077
PBANKA_101620	0.0049	0.3791	-0.0855	0.2943	0.0225	0.3697	0.0758	0.1866	0.1043	0.2418	0.0063	-0.0093
PBANKA_121730	-0.2074	0.5961	-0.4378	-0.092	0.132	0.2935	0.054	0.0173	0.1172	-0.1776	-0.0666	-0.5895
PBANKA_091130	0.3138	-0.7323	0.0936	-0.0535	0.3993	0.0414	-0.2125	-0.5681	-0.2144	-0.7511	-0.8615	-0.3561
PBANKA_010600	-0.6191	-0.5793	-0.1128	0.1581	0.1313	0.3487	0.4017	0.8323	0.4422	0.3409	-0.5303	-0.6659
PBANKA_100790	0.2896	0.1491	-0.1989	0.3156	0.0917	-0.0879	-0.1692	0.2114	-0.0269	0.3755	0.4416	0.6121
PBANKA_135780	0.4747	0.4396	0.0795	-1.1442	-0.6958	-0.906	-0.2217	-0.6041	-0.3609	0.209	0.3866	0.6311
PBANKA_092430	0.1269	0.1993	-0.1101	-0.2858	0.1159	0.3817	0.2146	0.4415	0.1623	-0.0352	0.0976	0.1733
PBANKA_021200	0.0101	0.1789	0.0126	0.2084	0.1374	-0.1567	0.3623	0.5934	0.3975	0.5175	0.3231	0.1552
PBANKA_110110	-0.6395	-0.7477	-1.4745	-1.3137	-1.9729	-1.4742	-0.7012	0.3839	1.2002	1.391	1.1262	2.6093
PBANKA_071580	-0.2835	-0.4019	-0.1728	-0.2177	-0.1338	0.1213	0.2606	0.4494	-0.0565	-0.0616	-0.759	-0.5322
PBANKA_122690	-0.711	-0.7586	-0.4064	-0.2159	-0.1048	-0.4784	0.3865	0.0596	0.1529	-0.0292	-0.4982	-0.6299
PBANKA_101160	-0.5177	0.3316	0.2487	0.4113	0.0891	-0.0741	-0.2136	-0.2906	-0.0327	-0.0767	1.1406	0.1379
PBANKA_011050	-0.393	-0.7869	-0.4403	-0.1399	0.0155	0.0464	0.0956	0.4477	0.67	0.989	0.1871	-0.0601
PBANKA_141010	-0.3212	-0.6528	-0.3706	-0.0458	-1.1399	0.2714	-0.3772	0.3735	0.5464	0.378	0.9108	1.2526
PBANKA_052330	-0.5019	0.0904	0.1842	0.2612	0.4597	0.3146	0.7078	-0.2957	-0.5771	-0.759	-0.7013	-0.806
PBANKA_091030	-0.2634	-0.2227	-0.3808	-0.0157	0.0509	-0.6347	0.0775	0.2428	0.3361	0.4835	0.289	-0.0143
PBANKA_120930	0.2567	-0.1627	0.2586	0.9912	0.8572	0.6585	0.2136	0.1722	0.2428	-0.2949	-0.4267	-0.3834
PBANKA_050520	-0.637	-1.2721	-0.4894	-0.1067	0.1777	-0.1134	0.5981	0.1426	-0.0416	0.0458	-0.6141	-0.5988
PBANKA_113300	0.175	1.1499	0.4185	0.0207	0.2869	-0.1235	-0.9674	-0.9578	-1.26	-0.9546	-0.2614	-0.9377
PBANKA_083430	0.3639	0.13	0.3339	0.4445	-0.0651	0.2179	-0.0205	-0.4283	-0.0472	-0.3449	-0.5586	-0.5871
PBANKA_133140	0.6449	1.0707	0.2226	-0.051	-0.1631	-0.2556	-0.116	0.1597	0.0096	0.0875	-0.1622	-0.1581
PBANKA_123980	0.2896	1.6385	0.5827	-0.5376	-0.34	-0.1708	-0.5985	-0.7967	-0.4713	-0.1798	0.5402	0.489
PBANKA_132708	-0.7539	-0.7205	0.1692	0.476	0.4503	0.2219	0.4726	0.1276	-0.1381	-0.9156	-1.1768	-0.754
PBANKA_114290	-0.1262	-0.1471	0.1475	0.2773	0.3127	0.4032	-0.1338	-0.6216	-0.5529	-1.185	-1.2871	-0.4599
PBANKA_030130	-0.8215	-1.4138	-0.4725	-0.0207	0.0357	0.3547	0.3748	0.4545	0.4954	0.0534	0.1189	-0.3904
PBANKA_052290	0.6346	0.1193	0.2542	0.2375	0.3733	0.1109	-0.0231	-0.0999	-0.067	-0.154	-0.1038	-0.6397
PBANKA_102490	-0.5886	-0.2826	-0.0176	-0.5535	-0.1428	-0.1038	0.4369	0.4697	-0.0182	0.0726	-0.6071	-0.7582
PBANKA_121710	-0.7579	-1.0079	-0.5466	-0.2921	-0.0514	-0.7925	0.3498	0.9644	0.7612	0.7192	0.04	-0.0424
PBANKA_030880	-0.4595	-0.1271	-0.3458	-0.2654	-0.4403	-0.1908	0.0532	0.2438	0.3092	0.231	-0.38	-0.4138
PBANKA_122610	0.3383	0.1682	0.2106	0.1543	0.2007	0.0266	0.2279	-0.0312	0.0061	-0.2815	-0.478	-0.5271
PBANKA_140500	-0.0962	-0.2723	0.0074	0.0841	-0.2744	0.098	-0.1327	-0.0845	-0.075	0.0976	0.1497	0.3473
PBANKA_122680	-0.5425	-0.3575	0.059	0.2387	0.0576	0.5813	0.3367	0.1068	0.1456	0.1714	-0.1256	-0.5682
PBANKA_070630	0.7312	-0.0329	0.2031	0.4524	-0.0324	0.1359	-0.4421	-1.0273	-0.8992	-0.7242	-0.6636	-0.9541
PBANKA_020460	-2.034	-0.9169	-2.0518	-1.3388	-1.8948	-0.6391	-0.0163	0.6305	1.1378	1.6288	1.7598	1.1514
PBANKA_081500	0.226	0.1738	-0.3547	-0.3702	0.1635	-0.0572	-0.2244	-0.1719	-0.2416	-0.4007	-0.0142	-0.3451
PBANKA_113410	-0.229	0.8972	0.4647	0.0729	0.3652	0.4589	0.0985	-0.6024	-0.9582	-1.2045	-0.8591	-0.5368
PBANKA_031010	-0.1999	-0.2164	0.0269	0.4451	0.4259	0.1487	0.2644	-0.164	-0.1927	-0.7049	-0.4113	-0.6876
PBANKA_134760	0.2969	-0.8458	0.062	0.102	-0.0907	0.2534	-0.435	-0.1063	-0.724	-0.5893	0.0629	0.6835
PBANKA_020200	0.5051	0.2055	0.2406	0.3596	0.1161	0.3788	0.2095	0.0069	-0.2708	-0.3331	-0.3288	-0.5109
PBANKA_100470	-0.0877	0.395	-0.3268	-0.221	0.0286	-0.3138	0.3537	0.224	0.3239	0.1415	-0.4812	-0.7683
PBANKA_060910	0.0741	0.2836	-0.3318	-0.2896	-0.3945	-0.3402	-0.371	-0.218	0.2105	0.7638	0.9957	1.2141
PBANKA_040260	-0.3403	0.9593	0.107	0.4712	-0.2714	-0.3037	-0.5091	-0.4068	-0.5348	-0.7256	-0.3796	-0.4686
PBANKA_010880	-3.226	-2.2835	-2.2734	-0.4616	-0.1719	-0.1471	0.68	0.6194	0.9791	0.9735	0.3004	-1.4755
PBANKA_051210	0.3371	0.4497	0.7243	-0.2521	-0.0054	0.7174	0.107	-0.5649	-0.4084	-0.0777	-0.5644	-0.2877
PBANKA_061610	0.1085	-0.2706	0.4135	0.3263	0.3578	0.2847	0.1156	-0.2531	-0.7075	-0.5237	-1.1696	-1.0056
PBANKA_140400	0.0905	-0.1385	0.2573	0.2218	0.336	-0.3055	0.0915	-0.4021	-0.364	-0.8509	-0.6099	-0.5639
PBANKA_011060	-0.6523	-0.3739	-0.336	-0.2333	0.1289	-0.1819	0.3418	0.4781	0.5306	0.3734	0.3833	0.0048
PBANKA_040830	0.5329	0.5611	0.2135	0.0578	0.2127	-0.2128	-0.2758	0.0788	0.2527	0.5459	0.5583	0.3673
PBANKA_092740	-0.2119	0.5057	0.3154	0.178	0.3577	0.4188	0.2905	0.2857	0.5447	0.2598	0.094	0.5069

PBANKA_144710	-0.1934	-0.205	0.0349	-0.1284	-0.0535	0.0959	0.3048	0.1713	0.2087	-0.0595	0.3407	0.184
PBANKA_114510	0.1331	0.5125	0.1101	0.1333	0.2326	0.2491	0.0904	0.0426	-0.0667	-0.0143	0.1868	0.2544
PBANKA_140630	0.4559	-1.5512	-0.1861	-3.2325	-1.2026	-0.241	-0.6724	-2.009	0.0445	-0.0208	-1.0067	-0.4928
PBANKA_020510	0.1555	0.6216	0.1357	0.1466	-0.0468	0.368	-0.0102	0.0347	0.3402	0.2857	0.6758	1.5447
PBANKA_143920	0.1367	0.8934	-0.008	-0.7462	-0.6404	-0.9855	-0.9052	-0.4636	-0.0453	0.6562	1.2647	1.37
PBANKA_121070	-0.4965	-1.0043	-0.1709	0.1939	0.3297	0.3663	0.4091	-0.0064	-0.0059	-0.341	-0.9902	-1.2227
PBANKA_130910	-0.1742	-0.1477	-0.2205	-0.9277	0.2398	-0.5161	0.0594	-0.2354	-0.1994	-0.5899	0.0327	-0.5337
PBANKA_060560	-0.0756	-0.2633	-0.192	-0.0571	-0.0014	-0.22	0.0958	0.296	0.6119	0.6493	0.2362	-0.0875
PBANKA_100610	-0.9596	-0.7655	-0.7527	-0.276	0.0659	0.2233	0.6369	0.3659	0.6423	0.3164	-0.203	-0.7198
PBANKA_081140	0.0475	0.3999	-0.326	-0.2064	-0.2365	-0.1446	-0.4766	-0.0649	0.2805	0.7696	1.5603	1.3469
PBANKA_011140	-0.1189	-0.4961	0.0859	0.289	0.2155	0.2902	0.4186	0.003	0.4356	-0.2597	-0.6638	-0.2183
PBANKA_040300	0.6063	0.3136	0.49	0.5188	0.1852	0.267	0.1474	-0.2587	-0.7337	-1.0521	-1.0067	-0.9928
PBANKA_083190	0.467	-0.3862	0.0195	-0.054	0.1329	0.0616	-0.1416	0.0541	0.2933	0.5628	0.6703	1.0824
PBANKA_092350	0.3944	0.3973	-0.032	0.1854	-0.5116	-0.165	-0.2618	-0.0392	0.1859	0.1823	0.6874	1.6418
PBANKA_070470	-0.0087	-1.5812	-0.3298	-0.1916	-0.8646	-0.5706	0.1067	0.2534	1.0905	1.0792	1.3156	0.9115
PBANKA_080540	0.0271	-0.0315	-0.0491	-0.0769	-0.0121	0.2883	-0.0585	-0.1458	-0.1055	-0.4634	-0.2579	-0.1234
PBANKA_120970	-0.7568	-0.822	-0.2984	0.1081	-0.0021	0.1521	0.4257	0.6462	0.7706	0.6306	0.5782	0.2856
PBANKA_083370	-0.1005	0.4684	0.078	-0.0969	0.0347	-0.6611	0.0612	-0.2577	-0.0225	-0.0831	-0.2467	-0.0055
PBANKA_112070	0.4924	0.1839	0.5393	0.6191	0.3922	0.1326	-0.645	-1.4659	-1.6559	-2.1232	-1.1354	-0.768
PBANKA_146200	0.6527	0.3361	0.299	0.2705	0.4955	-0.0044	-0.6836	-0.3262	-0.5248	-0.3167	0.4569	0.7788
PBANKA_144300	-0.2717	-0.3661	0.0009	-0.2937	0.3653	-0.1665	0.0998	0.3437	0.2439	0.3369	0.5244	-0.1815
PBANKA_146140	0.0714	0.0169	-0.1774	-0.2468	-0.1846	-0.123	-0.1675	-0.2547	0.0257	-0.1395	0.2928	0.0517
PBANKA_100050	-0.0569	0.6045	0.4274	0.3967	0.0406	0.2832	-0.0404	-0.1968	-0.0096	0.1612	0.7648	0.9061
PBANKA_082260	0.1411	0.2909	-0.0209	-0.1244	0.0797	0.0158	-0.5698	-0.5522	-0.2836	-0.2276	-0.8482	-0.1718
PBANKA_113350	-0.0729	0.2961	0.1677	0.1137	-0.0022	0.0229	0.0036	0.0414	0.0085	-0.0748	-0.1084	-0.7498
PBANKA_120840	-0.3809	-0.2792	0.1267	0.2873	0.287	0.7398	-0.0502	-0.197	-0.0937	-0.3167	-0.3474	-0.3744
PBANKA_061360	-0.0151	1.126	0.0737	0.1364	0.1749	0.025	0.0094	-0.1237	-0.3005	-0.435	-0.3769	0.4005
PBANKA_132540	0.064	-0.5882	-0.2736	0.175	-0.0152	-0.0406	-0.1048	-0.0435	0.4172	0.3193	1.0317	1.561
PBANKA_102760	-0.117	-0.7171	-0.1118	-0.3806	0.0491	0.4172	0.2319	0.2681	0.2232	0.1937	0.2882	0.094
PBANKA_134260	-0.1939	-0.6298	-0.2174	0.7882	0.2495	0.9431	0.4105	0.583	0.7748	0.183	-0.362	-1.1476
PBANKA_101390	-0.1489	0.2763	-0.0986	0.1616	-0.1983	-0.753	0.1278	0.4708	0.991	0.8829	0.1433	1.9466
PBANKA_080410	0.2806	1.4843	0.1379	0.1618	-0.1052	-0.2127	-0.4959	-0.843	-0.4671	-0.2243	0.9876	0.8382
PBANKA_133900	0.0368	0.5241	0.0236	0.2737	0.0305	-0.5415	-0.1151	-0.0113	0.0801	0.3037	1.1077	1.3214
PBANKA_121540	0.3923	-0.1995	0.3261	0.2603	0.3108	0.3544	0.3167	0.4229	0.3455	0.1686	-0.4801	-0.3212
PBANKA_082290	-0.0269	-0.8281	0.1734	-0.0451	0.5119	-2.9203	0.3272	0.2118	0.333	0.125	-0.1679	1.2283
PBANKA_040500	-0.4928	-0.3293	-0.1859	0.1801	0.109	0.436	0.1783	-0.0415	0.0931	-0.3118	-0.4339	-1.0722
PBANKA_100780	0.1114	0.0282	-0.1832	0.4636	-0.123	0.2922	-0.0288	-0.4018	-0.4206	-0.6622	-0.3563	-0.8869
PBANKA_130840	-0.6779	-0.5002	-0.1549	0.0759	-0.1087	0.1698	0.2192	0.2554	0.0538	0.0217	0.1215	-0.7777
PBANKA_051510	-0.3344	-0.4722	0.03	0.2647	0.2896	0.7931	0.3516	1.0295	0.633	0.3957	-0.3018	0.0702
PBANKA_142200	-0.3029	-0.0117	0.321	0.1118	-0.198	0.4467	0.1999	-0.2488	-0.4139	-0.4578	-0.6587	-0.586
PBANKA_083460	0.0542	0.5642	0.0113	0.0874	0.1184	-0.1025	-0.2386	0.1776	0.2195	0.0587	0.1429	-0.0256
PBANKA_011010	0.0435	0.4732	0.0392	-0.1294	0.0135	-0.292	0.2079	0.2654	0.2753	0.1925	1.0929	0.2207
PBANKA_145680	-1.5591	-1.5606	-1.2467	-0.4432	-0.4953	0.2913	0.2932	0.4416	0.3744	0.4524	-0.3941	-0.5946
PBANKA_101130	0.0145	-0.4343	0.0628	0.2777	0.1142	0.2072	0.0614	-0.5729	-0.9101	-1.6544	-1.7699	-1.6462
PBANKA_110580	-0.1005	-0.6165	-0.8757	-0.8063	-0.6362	-0.8101	-0.8956	0.079	-0.651	-0.2048	-0.5686	1.1585
PBANKA_090990	0.2021	0.1699	0.1338	0.0036	-0.0043	0.0584	0.0776	0.0761	-0.0734	-0.1061	-0.4325	-0.2415
PBANKA_050880	0.0825	-0.0887	0.2119	0.4093	-2.1901	-0.9925	0.2183	0.0029	-0.1289	-0.5681	-0.2716	-0.1914
PBANKA_124370	0.3048	0.0789	0.0718	-0.0058	0.3897	0.1406	-0.0752	-0.4463	-1.1033	-0.8636	-1.3236	-1.0359
PBANKA_123770	-0.0641	0.5603	0.153	0.4023	0.6422	-0.2183	-0.0034	-0.238	0.1309	0.1315	-0.2861	0.1459
PBANKA_130730	-0.8591	-0.8749	-0.2146	-0.3685	-0.2963	0.3957	0.373	0.1455	-0.4231	-0.4824	-0.2614	-0.1871
PBANKA_040870	-0.0333	0.0009	-0.2778	0.0682	0.1949	0.6005	0.2643	-0.5	-0.058	0.0656	-0.725	-0.2227
PBANKA_123390	-0.3493	-0.1486	0.0636	0.2637	0.2318	0.1193	0.1645	-0.2334	-0.6793	-1.1788	-1.2816	-1.5428
PBANKA_111330	-0.4789	-0.8964	-0.4491	-0.4887	-0.5442	0.2424	0.3915	0.3727	0.1908	0.0998	0.0831	-0.585
PBANKA_134420	-0.3461	0.094	-0.4558	-0.0851	-0.2633	-0.5037	-0.1913	0.1366	0.6507	0.6575	1.6663	0.8955
PBANKA_110430	0.4195	0.224	0.1083	0.4192	0.1763	0.2166	-0.0283	-0.0773	-0.3252	-0.4295	-0.4429	-0.3315
PBANKA_120540	-0.359	-0.341	-0.4531	-0.2585	0.0396	0.3375	0.0266	0.1402	-0.0549	0.1376	-0.1862	-0.2398
PBANKA_121220	-0.994	-0.7609	-0.7941	-0.7664	0.1854	0.6196	-0.1448	0.3846	0.8375	1.0228	0.7937	0.2467
PBANKA_110330	-0.4463	-0.1309	-0.2997	-0.5985	-0.3392	-0.6298	-0.868	0.1119	0.2475	0.495	1.218	0.6562
PBANKA_144010	0.141	0.0741	-0.001	-0.1964	-0.2808	-0.2767	-0.5288	-0.0901	0.1142	0.4288	1.133	1.4648
PBANKA_140550	0.3132	-0.4621	0.0931	-0.0024	0.1696	0.5423	-0.0978	-0.3041	-0.3195	-0.6867	-0.516	0.1653
PBANKA_081200	-0.8939	-0.6185	-0.8989	-1.1693	-0.4502	0.3369	-0.0315	-0.2924	-0.2058	-0.1291	-0.7221	-0.2876
PBANKA_133490	-0.0503	0.234	-0.1022	0.1611	-0.0378	-0.2769	-0.1243	-0.2663	0.4811	0.5501	0.9228	1.1577
PBANKA_120780	-0.4418	0.1773	-0.4249	0.0214	0.0122	0.1624	0.122	-0.1652	0.1561	0.2594	-0.1962	0.202

PBANKA_136510	0.6423	0.7353	0.0534	-1.0685	0.1226	-0.0901	0.2656	-0.2315	-0.4308	0.0338	0.4988	-0.2985
PBANKA_142350	0.4931	0.7316	0.7805	0.3707	0.6997	0.3691	-0.381	-0.8879	-0.7968	-2.3019	-0.5521	-1.0424
PBANKA_080510	0.3764	0.1416	0.1468	0.1714	-0.0046	0.1668	-0.2548	-0.4049	0.2078	0.2931	0.7587	1.3055
PBANKA_135140	-0.3901	-0.2873	-0.5834	-0.2918	-0.8422	-0.5207	0.235	0.5972	0.8267	0.9634	0.7371	0.4811
PBANKA_135240	-0.3782	-0.2707	-0.3291	-0.0992	-0.0472	0.2486	0.324	0.3628	0.322	0.4404	0.0501	0.1871
PBANKA_010970	-0.1879	0.1351	-0.0393	0.2725	-0.1076	0.4325	0.1141	-0.0023	-0.1924	-0.1158	0.148	0.2107
PBANKA_102170	0.6383	0.3033	0.2407	0.3829	-0.3695	0.4845	-0.1928	-0.1062	0.2493	-0.1406	-0.8107	-0.387
PBANKA_091700	0.4107	0.1929	0.1352	-0.1168	0.1188	0.4219	-0.1159	0.1448	0.0721	-0.0289	-0.6039	0.0586
PBANKA_113060	-0.2624	0.2207	0.0091	0.5347	0.0987	0.4718	0.4903	-0.0638	0.0984	0.0179	0.0468	-0.228
PBANKA_091320	0.3728	-0.0787	-0.0819	0.0917	-0.1153	0.6135	0.306	-0.2522	-0.1046	-0.3953	-0.6863	-0.1104
PBANKA_102650	0.2455	1.446	0.1612	0.0498	-0.401	-0.072	0.0406	-0.5279	0.4038	0.215	0.348	-0.0802
PBANKA_145700	-0.5696	-0.1452	-0.3926	-0.2821	-0.3479	0.4861	0.1132	0.095	0.6764	0.6258	0.2134	0.5865
PBANKA_142760	0.055	-0.3972	-0.7617	-0.3023	-0.1839	-1.092	-0.6239	-0.3906	-0.1462	0.1032	-0.7037	-0.2595
PBANKA_070260	-0.0446	0.23	0.0776	0.2368	0.0151	-0.24	0.2594	0.1429	0.4195	0.2045	0.0376	-0.3618
PBANKA_051360	0.2591	-0.2114	0.4971	0.4616	0.2457	0.1446	-0.0508	-0.6818	-1.2419	-2.0352	-2.0175	-1.8097
PBANKA_121760	-1.3656	-0.8431	-0.8185	-0.9421	-0.1996	-0.0317	0.6477	0.8014	0.8643	0.9684	0.0892	-0.5706
PBANKA_140350	-0.2986	-0.4622	-0.1022	-0.2188	-0.2619	0.5476	0.4589	0.5065	0.2408	0.1718	-0.3459	-0.3873
PBANKA_140970	-0.2377	-0.5335	-0.6159	-0.4034	-0.3435	-0.118	-0.2128	0.0647	0.6932	0.1607	0.554	0.8575
PBANKA_144160	-0.1734	-0.0102	0.2937	0.494	0.3935	0.6013	0.2265	0.101	0.0769	-0.2209	-0.4502	-0.1443
PBANKA_093910	-0.5677	0.4586	-0.4283	-0.492	-0.5463	-0.4636	-0.0744	0.2541	0.7368	1.0505	1.3853	1.5348
PBANKA_052250	0.3224	0.4846	0.3694	0.0776	0.6437	0.9127	0.2014	0.0755	-0.1487	-0.1438	-0.3387	0.1232
PBANKA_113160	-0.3764	0.7513	-0.445	-0.5331	0.2672	0.0191	0.0583	0.1025	-0.1344	0.1499	0.4657	-0.2307
PBANKA_112140	0.3189	0.6014	0.2092	0.0097	0.2695	0.1806	0.0901	-0.156	-0.0155	-0.1159	0.0022	0.0494
PBANKA_122580	-0.2392	-0.3524	-0.0046	-0.0448	0.1947	0.0469	0.3093	0.0531	-0.1901	-0.4914	-0.8873	-0.573
PBANKA_145940	0.2088	0.0525	0.0068	-0.2516	-0.2252	-0.2115	-0.3628	-0.2898	0.3018	0.6338	0.3788	0.3367
PBANKA_135990	-0.2667	-0.1323	-0.1945	0.1352	0.1417	0.2826	0.0997	-0.0216	-0.2279	-0.0511	-0.4964	-0.1038
PBANKA_081410	0.3422	0.0777	0.6296	0.1695	0.3229	-0.292	-0.1142	-0.4266	-0.5707	-0.8813	-0.6116	-0.2184
PBANKA_120140	1.1464	-0.4167	-0.0103	-0.0399	-0.0411	0.262	0.2057	0.0593	0.4433	0.1367	-0.1687	-2.1612
PBANKA_080940	-0.4962	-0.3204	-0.7308	-0.7938	-0.0705	0.3731	0.3203	0.4225	0.4698	0.5345	-0.1528	-0.0501
PBANKA_060670	-0.334	-0.8178	-0.1736	-0.0459	0.2248	0.2227	0.1155	-0.6448	-0.7331	0.0073	-0.6728	-0.4294
PBANKA_103480	-0.2547	0.7038	0.0116	0.3122	-0.2797	0.3715	0.4503	0.6511	0.0945	0.1681	0.1083	-0.1685
PBANKA_121440	-0.1007	0.3821	-0.393	0.2585	-0.0847	-0.17	0.2335	0.2083	0.3983	0.7928	-0.0795	0.2737
PBANKA_134810	0.264	-0.0091	0.0745	0.3227	0.2153	0.233	0.0296	-0.6684	-0.6078	-0.8539	-0.9616	-1.1205
PBANKA_031450	0.2087	0.1824	0.3478	0.3966	0.2061	0.0177	-0.3306	-0.6912	-1.0168	-1.8442	-0.8932	-0.2184
PBANKA_041720	-0.3745	-0.1851	-0.9076	-1.0069	-0.6748	0.5062	-0.6595	-0.0806	0.2925	0.6105	0.9207	1.6966
PBANKA_041200	-0.3958	0.3533	0.0583	-0.0968	0.0417	0.3029	0.1463	0.0746	-0.1659	-0.1067	-0.4441	-0.6481
PBANKA_082690	-0.3959	-1.2241	-1.407	-0.8205	-0.3189	-0.5307	-1.1314	-0.8481	-1.2283	-1.4571	-1.1049	-0.363
PBANKA_091340	-0.4011	-0.3036	-0.4125	-0.277	-0.3497	-0.4975	-0.3089	-0.0638	0.5013	0.9695	1.2903	1.5519
PBANKA_120150	-0.3392	-0.2629	-0.0959	-0.1117	0.0191	-0.0816	-0.3983	-0.3616	-0.3785	-0.4187	-0.1717	-1.0347
PBANKA_141180	0.6444	0.4439	0.671	0.2759	0.1664	0.1874	-0.3336	-0.8041	-0.9806	-1.0452	-1.0243	-1.264
PBANKA_132430	-1.103	-0.5836	-1.0901	-0.9115	-0.6112	-0.5205	-0.0391	0.2476	0.7309	1.1012	0.645	0.2997
PBANKA_083170	0.1552	0.12	0.0544	0.2696	0.1495	0.2739	-0.1566	0.2075	0.1429	0.0375	-0.4838	0.5686
PBANKA_146310	-0.132	0.1632	-0.3851	-0.0332	-0.3079	0.2564	-0.0644	0.2609	-0.0133	-0.0943	-0.014	-0.3702
PBANKA_071240	0.5204	-0.2138	-0.018	0.3435	-0.1602	0.1045	-0.1307	0.1639	0.6106	0.3212	0.7974	1.1656
PBANKA_010540	0.1017	0.6007	0.0392	-0.0709	-0.0214	0.1426	-0.1282	0.081	-0.2183	0.0695	-0.2243	-0.2863
PBANKA_101310	0.4155	0.285	0.2452	0.5218	0.2019	0.0334	-0.2629	-0.8788	-1.1318	-1.8058	-0.9649	-0.6994
PBANKA_130340	-0.0334	0.0681	0.285	0.0254	0.407	0.5263	0.2493	0.2755	0.1947	-0.0943	0.2743	-0.2087
PBANKA_052270	-1.5271	-0.4944	-0.7783	-0.5548	-0.0503	-0.0947	0.0667	0.4476	0.2538	0.5417	0.1927	0.4032
PBANKA_124250	0.4027	0.5746	0.4836	-0.0266	0.2857	0.0009	-0.0449	-0.0626	-0.2314	-0.3536	-0.4404	0.0798
PBANKA_131040	-1.6261	-1.2759	-0.8665	-0.4679	0.0084	-0.0698	0.5941	0.7752	0.7882	0.7708	-0.1888	-0.4074
PBANKA_030920	0.0144	-0.254	-0.0933	-0.2182	-0.0132	0.1554	0.2437	0.307	-0.0023	-0.0836	0.14	-0.5963
PBANKA_143800	-0.6586	-0.4304	-1.1025	-0.5129	-0.4364	-0.1566	0.1722	0.2509	-0.3077	0.2806	-0.0075	-0.1182
PBANKA_140890	0.0678	0.5564	0.1638	0.1663	0.225	0.3215	-0.2436	0.0794	-0.1792	-0.137	-0.4485	-0.5736
PBANKA_040590	-0.6224	-0.4308	-0.1581	0.0157	0.0155	0.8411	0.3878	0.2399	0.1764	-0.0698	-0.6381	-0.4255
PBANKA_114270	-0.4395	-0.022	-0.156	-0.1941	-0.1691	-0.6468	0.1669	0.0117	0.0294	0.1989	-0.6314	0.5944
PBANKA_080160	0.137	0.6282	0.1893	-0.432	-0.0599	-0.473	-0.1372	-0.4573	-0.1651	0.0315	0.3086	0.7047
PBANKA_110930	0.2334	-0.5148	0.1714	0.2656	-0.2531	0.3118	0.4001	0.2604	0.0687	0.2762	0.6982	1.0076
PBANKA_141600	-0.169	-0.3665	-0.0797	0.3598	0.3458	0.5684	0.5027	0.4117	0.1071	-0.1517	-0.9794	-0.7253
PBANKA_090890	-0.1021	0.2077	-0.1998	-0.087	0.2932	0.0614	-0.5252	-0.3714	-0.5402	-0.776	-0.2167	-0.2294
PBANKA_071090	-0.6627	-0.6963	-0.2073	0.2854	0.2848	0.5853	0.1818	-0.1737	-0.4032	-1.056	-1.5302	-1.4201
PBANKA_094070	0.1704	0.0144	0.1769	0.3506	0.1726	0.5663	-0.1379	-0.1162	-0.1733	-0.3602	-0.2944	0.0486
PBANKA_132570	0.3083	0.8215	-0.0952	-0.1505	0.1761	-0.4051	-0.2797	0.0496	0.355	0.1302	-0.2862	0.8972
PBANKA_051040	0.5408	-0.0534	0.1283	-0.1124	0.0603	0.5656	-0.157	-0.5568	-0.6659	-0.8133	-0.9653	-0.1381

PBANKA_141060	-0.5238	-0.2573	-0.5834	-0.2668	-0.1905	-0.1271	0.2573	0.492	0.3504	0.4673	-0.8836	-0.3644
PBANKA_132370	0.3051	0.2933	0.0677	0.3642	-0.1604	-0.235	-0.4889	-0.1784	0.4011	0.4329	0.671	1.0285
PBANKA_010700	-0.4715	-0.4635	-0.2575	-0.1355	0.2018	0.3913	0.429	0.3767	0.4231	-0.097	0.4357	-0.8354
PBANKA_100360	-1.2046	-0.6926	-0.6569	-0.3713	-0.2048	-0.0535	0.5725	0.881	1.2936	1.6815	0.731	0.2085
PBANKA_091530	0.273	-0.0752	-0.4779	-0.4451	-0.5776	-0.895	-0.9404	-0.5428	0.5149	0.7121	1.3182	0.7839
PBANKA_020730	-0.5894	-0.4226	-0.6432	0.4177	-0.0302	0.3299	0.2764	0.6056	0.2672	0.3772	0.1268	-0.6218
PBANKA_114340	-0.1678	0.4758	-0.3159	-0.2108	-0.2996	-0.1888	-0.1465	-0.018	-0.1347	0.2912	0.5389	0.5537
PBANKA_050940	0.0391	0.1644	0.0879	-0.3545	0.1025	-0.231	-0.0688	-0.4552	-0.47	-0.7285	-0.6178	-0.8401
PBANKA_050900	0.2749	0.9816	0.2437	-0.081	0.0302	-0.2991	-0.2957	-0.3238	-0.3987	-0.1505	0.7881	0.934
PBANKA_081950	-0.06	0.6514	-0.2941	0.3037	0.1778	0.2276	0.3949	0.4835	0.476	0.4272	-0.4666	-0.3203
PBANKA_131610	-0.131	0.1077	-0.1408	0.0265	-0.0258	0.0087	-0.1466	-0.4515	-0.2784	0.0083	0.6285	0.6318
PBANKA_090100	0.4132	0.0787	0.5757	0.5543	0.518	0.3825	-0.5957	0.3305	0.1262	-0.6955	-0.8224	-0.0103
PBANKA_130330	-0.6968	-0.5767	-0.3509	-0.0669	0.0811	0.2964	0.1017	0.2345	0.0882	0.2596	-0.4176	-0.8235
PBANKA_041620	0.4278	0.4327	0.0046	-0.2754	-0.3605	-0.13	-0.3173	-0.4165	0.1556	0.503	0.8579	0.5226
PBANKA_111110	0.3049	0.0094	-0.3064	-0.1401	-0.2375	0.0006	0.0384	0.1116	0.385	0.6345	1.0219	0.2787
PBANKA_144280	-0.187	-0.423	-0.0342	0.0396	0.1724	0.391	0.2883	0.006	-0.0038	-0.2934	-0.701	-0.1956
PBANKA_050920	0.4197	0.0238	0.1956	0.2664	0.1554	0.3958	-0.0564	0.1695	0.2215	0.1817	-0.1141	0.2236
PBANKA_131210	0.2247	0.457	0.0946	-0.5222	0.4656	0.3994	0.2172	0.5757	0.7136	0.6646	0.5353	0.9803
PBANKA_141590	0.8017	-0.4958	0.4746	0.3474	0.5178	0.2533	-0.2521	-1.1429	-1.4792	-1.7101	-1.8034	-1.4606
PBANKA_101350	0.3395	-0.1143	0.5492	0.4198	0.3198	-0.2204	0.0795	-0.1455	-0.0022	0.2088	0.4222	0.6546
PBANKA_051890	-0.7119	-0.8993	-0.5206	0.0775	0.0834	0.1767	0.7369	0.6135	0.1984	0.1633	-0.7068	-0.8151
PBANKA_020830	-0.0465	0.5688	0.3961	-0.3845	0.256	0.299	0.1576	-0.2083	-0.3558	-0.018	0.6763	0.1591
PBANKA_062330	0.0779	0.5337	-0.3088	-0.2834	-0.4556	-0.4011	-0.8332	-0.4867	0.0876	0.483	0.9493	1.6962
PBANKA_113250	0.371	0.3094	0.3825	0.3018	0.3154	-0.4474	-0.3406	-0.7166	-0.9177	-1.1396	-1.1545	-0.9258
PBANKA_134050	0.1687	-0.6699	0.54	0.2919	0.4229	0.9069	0.2065	0.2924	0.0166	0.5336	0.0335	0.4024
PBANKA_050640	0.0833	0.5042	0.0597	-0.1459	0.2671	0.2287	-0.0985	0.0616	-0.1035	-0.2213	-0.2113	-0.4203
PBANKA_136040	-0.5149	-0.1197	-0.2003	0.0144	0.2554	0.2441	0.2208	0.2979	0.5382	0.3368	0.565	1.2968
PBANKA_122990	-0.5246	0.0751	-0.5692	-0.5878	-0.2015	-0.5318	-0.0339	-0.2719	0.6587	0.5844	0.6476	0.8964
PBANKA_143170	0.5457	-0.1504	0.1396	0.2548	0.6718	0.4637	0.3706	0.1917	-0.2658	-0.955	-0.7986	-1.003
PBANKA_142270	0.2047	0.1442	0.4649	0.6022	0.3585	0.4086	-0.4283	-1.2322	-1.1137	-1.801	-1.4403	-1.4476
PBANKA_041710	-0.0111	-0.4665	-0.1007	-0.4939	-0.1932	-0.565	0.0585	-0.0436	0.1011	0.2667	0.3245	-0.3174
PBANKA_101240	0.1545	-0.0484	-0.0362	0.123	0.2731	0.2399	-0.1821	0.314	0.3886	0.3716	0.7287	0.7602
PBANKA_092640	0.049	0.6408	-0.2014	0.1904	-0.1212	0.0089	0.1212	0.0022	-0.2676	-0.063	0.1469	-0.0491
PBANKA_011160	-0.5482	0.0029	-0.4869	-0.1712	-0.1891	-0.0522	0.2132	0.4446	0.604	1.0432	0.7935	0.4059
PBANKA_141030	0.4997	1.8541	0.7397	0.0376	0.2109	0.0272	-0.4102	-0.5769	-0.6225	-0.7473	-0.239	-0.7405
PBANKA_146370	0.0825	0.3697	0.228	0.2551	0.0616	0.0821	-0.456	-0.4895	-0.7362	-0.8196	-0.6398	-0.6341
PBANKA_082030	-0.6494	-1.0768	-0.1543	-0.276	-0.058	0.1668	-0.1083	-0.213	-0.5924	-0.3368	-0.1484	-0.0139
PBANKA_061020	-1.1584	-0.3031	-0.2499	-0.0483	0.149	0.7508	0.3058	0.4498	0.0677	0.0722	0.4191	-0.0982
PBANKA_071420	0.4534	0.1872	0.1196	-0.543	0.1499	0.2281	0.1444	-0.0151	-1.2644	-1.3184	-0.439	-1.216
PBANKA_144230	-0.5229	-0.6342	-0.3182	-0.2476	-0.0066	0.2892	-0.0325	0.1746	-0.19	0.1392	0.1386	-0.3128
PBANKA_091930	0.4804	0.6491	0.5674	0.4672	-0.6405	0.0399	-0.8538	-1.2059	-1.2513	-1.1453	-0.3955	-0.2892
PBANKA_040330	0.0771	-0.0275	0.3081	0.6775	0.5993	0.3938	0.0988	-0.129	-0.0419	-0.3081	0.0559	-0.0367
PBANKA_142850	0.0365	0.4027	0.2574	0.0451	0.2758	0.2485	0.0362	-0.0597	-0.2666	0.0802	-0.5431	0.3904
PBANKA_136520	-0.5335	0.2499	-0.3057	-0.7864	-0.0587	-0.1219	-0.3217	0.1601	-0.2329	0.1414	0.2804	-0.0475
PBANKA_094210	-0.092	0.5669	0.161	0.1337	0.4218	-0.9088	-0.0758	0.1536	0.0184	-0.33	-0.6328	-0.0846
PBANKA_102130	0.2568	-0.4236	0.2747	0.8373	0.4039	0.5043	0.2591	-0.1804	0.1044	-0.6091	-0.645	-1.2451
PBANKA_031420	-1.8361	-0.6202	-1.2907	-1.1326	-0.457	-0.12	0.028	0.8674	1.0052	1.3516	0.6572	-0.3097
PBANKA_143140	-0.5595	-0.1563	-0.4081	-0.5525	-0.4141	-0.3448	-0.7037	-0.0654	0.8954	1.2119	1.6741	0.8948
PBANKA_145170	0.811	0.196	0.3008	0.1716	0.2122	0.1005	-0.0949	-0.0533	0.1736	0.253	-0.0719	-0.3457
PBANKA_102360	0.026	-0.2048	-0.0351	-0.0773	0.0759	0.363	0.3152	0.0891	0.1896	0.0478	-0.5737	-0.3894
PBANKA_114120	0.3489	0.7146	0.3793	0.1509	0.2841	0.5066	-0.2301	-0.2368	-0.1748	-0.2705	0.1438	0.755
PBANKA_124270	0.1793	0.5519	0.267	0.0604	0.1219	0.3845	0.2739	0.1801	-0.0305	0.0229	0.131	0.2645
PBANKA_142900	0.2559	-0.2181	0.1525	0.5689	0.1579	0.2216	-0.268	-0.5902	-0.738	-0.9578	-0.8453	-0.4233
PBANKA_093240	0.2263	0.4953	0.5415	0.3807	0.4488	0.0435	-0.4813	-1.204	-1.3689	-1.3982	-0.4973	-0.4634
PBANKA_131110	-0.6387	-0.2848	0.0701	-0.1482	0.2096	0.1905	-0.2002	-0.5946	-1.0486	-1.3604	-0.974	-1.0543
PBANKA_100540	-0.2689	-0.0598	-0.2257	0.0538	-0.1993	0.5763	0.2065	0.4155	0.5996	0.6866	0.2619	-0.1969
PBANKA_030950	-1.5127	-1.163	-1.5799	-1.4404	-0.9883	-0.4793	0.2184	0.5161	1.2335	1.6975	1.5371	0.9905
PBANKA_145530	0.1971	0.16	-0.0952	-0.1437	-0.0368	-0.1057	0.0997	0.1129	0.1409	-0.1249	-0.0191	0.6568
PBANKA_093750	-0.3292	-0.1654	-0.2645	-0.1539	-0.0632	0.0467	0.1392	0.3008	0.1399	0.4834	-0.6282	-0.3704
PBANKA_081800	-0.3349	-0.3852	-0.2807	-0.044	-0.0002	0.0954	0.2984	0.3206	0.4737	0.3491	0.0526	-0.3284
PBANKA_113100	0.1714	-0.0146	0.2721	0.3361	0.3296	0.6996	0.2729	0.0982	0.015	-0.1789	-0.7723	0.3517
PBANKA_071210	-1.0955	-0.7794	-0.2919	0.0127	0.0587	0.3647	0.4292	0.9243	0.6209	0.3902	-0.5047	-0.5965
PBANKA_101910	-0.4058	0.1248	-0.1872	-0.2538	0.0245	-0.3692	0.2805	0.2312	0.1543	0.142	-0.2283	-0.3378

PBANKA_071230	0.0104	0.1977	-0.1711	-0.3305	-0.5021	-0.3419	0.0539	0.156	0.527	0.8	0.1275	-0.2322
PBANKA_143340	0.2796	0.2643	-0.0431	-0.0755	-0.3117	0.1179	-0.5412	-0.426	-0.0432	0.0738	0.4098	0.8267
PBANKA_136440	-0.4249	-0.5514	0.0061	-0.3104	-0.1129	-0.4987	-0.1552	0.7062	0.5261	0.6806	1.035	0.2543
PBANKA_030560	-0.2046	-0.6733	-0.8016	-0.1019	0.225	0.0422	0.2197	0.0485	-0.3671	-0.7725	-0.8089	-1.1898
PBANKA_142700	0.3346	0.4739	-0.0517	0.2274	0.2102	0.1474	-0.209	-0.4531	-0.7901	-0.7817	-0.7858	-0.3601
PBANKA_080580	0.3728	0.5963	0.3439	-0.1202	-0.3599	-0.1963	-0.3834	0.0067	-0.7266	-0.6562	-0.7077	-1.2199
PBANKA_134530	0.1114	-0.257	0.5323	0.5069	0.4471	0.0364	0.0653	0.0407	-0.1019	-0.4815	-0.3552	-0.8946
PBANKA_120240	0.1135	0.0871	0.2346	0.1378	0.4332	-0.2046	-0.3621	-0.5781	-0.5828	-1.2643	-0.2851	0.1126
PBANKA_061450	0.6778	0.4273	0.4479	0.1518	0.2192	-0.1297	-0.3127	-0.6502	-1.2933	-0.7007	-0.1114	-0.4308
PBANKA_062270	0.1844	0.1633	0.1747	0.4032	0.2317	0.2119	0.214	0.0613	-0.2341	-0.4738	-1.3034	-1.1235
PBANKA_041500	0.0701	0.0081	0.216	0.1202	0.1328	-0.5671	0.2629	0.0777	0.2294	0.0338	-0.4205	0.0676
PBANKA_130640	0.6234	0.4475	0.2514	-0.173	-0.0531	0.355	-0.1237	-0.2781	-0.0728	-0.124	0.0246	0.1308
PBANKA_141110	-0.6899	-0.4088	-0.2207	-0.0226	0.0766	-0.243	0.0788	-0.1454	-0.6051	-0.1094	-0.0079	-0.2804
PBANKA_081490	0.3742	-0.0999	0.4557	0.5445	0.311	-0.6569	0.1315	0.1983	0.0414	-0.3709	-0.5965	-0.1811
PBANKA_031120	0.4771	0.207	-0.2388	-0.0168	-0.2768	-0.2969	-0.4286	-0.0503	0.1832	0.5264	0.9255	1.5365
PBANKA_131410	0.5021	0.2747	0.0955	0.1823	0.0493	0.1805	-0.1143	0.0724	-0.1554	-0.2881	-0.4608	0.1892
PBANKA_030110	-0.2293	0.1508	0.1155	0.0056	-0.1208	0.0468	-0.1094	0.1848	0.1794	-0.0079	-0.1918	-0.1256
PBANKA_131900	-1.3437	-0.7127	-0.969	-1.1288	-0.9913	-0.6842	-0.1854	0.4629	0.903	1.5332	1.7845	1.017
PBANKA_083280	-1.4168	-1.0194	-1.6239	-1.2427	-1.682	-0.7016	0.3168	1.0911	1.4588	1.7488	1.2745	0.0298
PBANKA_140540	0.3676	0.494	0.0356	-0.2991	-0.0068	-0.5962	0.0167	-0.2224	-0.2463	-0.2761	0.029	0.1654
PBANKA_040460	0.7632	0.1621	0.5	0.3699	0.3344	-0.3874	-0.0445	-0.6212	-0.9542	-1.378	-0.502	-1.0068
PBANKA_120620	0.3083	0.7846	0.1933	-0.0503	0.2682	0.2786	-0.0792	-0.129	-0.1387	-0.145	-0.1152	-0.0135
PBANKA_041520	-0.517	-0.6986	-0.2709	-0.1064	-0.0311	0.219	0.1515	0.0874	0.2132	0.2134	-0.4216	-0.9795
PBANKA_141520	-0.2045	-1.0055	0.0725	0.3263	-0.1111	-0.1656	-0.278	0.0888	0.1603	0.1544	0.9502	1.0962
PBANKA_100440	-0.2914	0.1898	-0.1117	0.071	0.0757	-0.403	-0.0132	-0.3097	-0.8534	-0.7492	-0.468	-0.9716
PBANKA_031440	0.5306	0.8787	-0.0555	0.7181	0.3207	-0.0302	-0.3903	-0.393	-0.257	-0.5184	-0.7321	-0.399
PBANKA_101250	0.0838	-0.0249	-0.0807	0.2128	-0.0533	0.1186	-0.158	-0.1064	-0.007	0.3007	0.9767	0.4302
PBANKA_144140	-0.9811	-0.7261	-0.5699	0.0829	0.1299	-0.08	0.466	0.3813	0.2196	-0.0345	-0.7567	-0.046
PBANKA_110160	-1.3826	-0.3123	-1.0105	-1.1461	-0.4564	0.0226	-0.5069	-0.553	-0.8535	0.3531	-0.4269	-0.6466
PBANKA_071880	-0.8366	-0.584	-0.3866	-0.0422	0.0211	0.2822	0.6241	0.6432	0.5048	0.5044	0.3857	-0.5951
PBANKA_062090	0.077	0.2723	0.0533	-0.0939	-0.1179	-0.1224	-0.2843	-0.1282	0.0119	0.4619	1.0449	0.6306
PBANKA_132050	0.1734	0.5473	0.3614	-0.2762	-0.2336	-0.66	-0.4504	-0.1989	-0.0637	0.2636	1.5125	1.5974
PBANKA_010440	-0.454	-0.7111	-0.3953	-0.2338	0.0071	-0.0779	0.3901	0.4955	0.7924	0.7085	0.5338	0.2609
PBANKA_090590	-0.1351	-0.0562	-0.2343	-1.1335	-0.0186	-0.5082	-0.0081	-0.0086	0.582	0.5808	0.3916	0.5912
PBANKA_121050	-0.0545	0.2781	-0.2879	-0.112	-0.0369	-0.5757	-0.4539	0.478	0.4117	0.2775	-0.4118	-0.3551
PBANKA_111770	-0.5345	-0.9686	-0.2282	-0.3673	-0.0068	0.1289	0.5404	0.184	0.0701	-0.1173	-1.1161	-0.5037
PBANKA_031140	-0.325	-0.1746	-0.3919	-0.154	-0.2357	-0.1344	-0.2017	0.333	0.8941	1.0306	1.0663	0.2288
PBANKA_100150	-0.2282	-0.9509	-0.159	0.1985	-0.3734	-0.0748	0.1428	0.4695	0.2922	0.6419	0.8933	-0.074
PBANKA_061080	0.0717	0.4623	0.2326	0.2993	0.1042	0.4731	0.1164	0.1366	-0.0384	-0.3158	-0.3346	-0.7052
PBANKA_051490	-0.9439	-0.4541	-1.157	-0.7669	-0.7044	-1.6613	-1.1564	-0.2716	0.246	0.7376	-0.0334	2.3168
PBANKA_141190	-0.2604	-1.4424	-0.1832	-0.7089	-0.0647	0.7184	0.3363	0.6071	0.3949	0.8382	0.0161	-0.2751
PBANKA_071520	0.2838	0.2106	0.3543	0.1214	0.0443	-0.0205	-0.1604	-0.4694	-0.6716	-0.4164	-0.4485	-0.5076
PBANKA_114560	0.0028	0.1129	0.0857	-0.3833	-0.0009	-0.2167	-0.0521	0.046	-0.4951	-0.6123	-0.9486	-1.2116
PBANKA_110890	0.4525	-0.3295	0.3819	0.4876	0.5087	0.3601	0.2309	0.2444	-0.0072	-0.6643	-0.9007	-1.352
PBANKA_061860	0.0524	0.0804	0.2984	-0.0052	0.0725	0.7679	0.4092	0.2617	-0.2444	-0.3815	-0.9652	-1.9991
PBANKA_131640	0.3096	0.0919	0.2479	0.4455	0.2334	0.026	0.0759	-0.3948	-0.6022	-0.9959	-0.6824	-1.4491
PBANKA_143300	-0.0846	-0.1271	0.2492	0.4081	0.2286	0.2801	-0.302	-0.3351	-0.3604	-0.1663	-0.0277	-0.7627
PBANKA_124290	0.2273	0.1019	0.1573	0.1289	-0.0628	-0.8569	0.063	0.4633	0.2886	0.3417	0.144	0.127
PBANKA_100970	-0.0594	0.0361	0.1089	0.7031	0.1787	0.3485	0.2056	-0.0629	-0.0408	-0.3225	-0.5764	-0.2087
PBANKA_011260	0.5943	-0.2195	0.4793	-0.3668	0.1607	-0.0252	-0.078	0.0438	0.0684	-0.1216	0.4522	0.4271
PBANKA_132130	-0.2409	0.5699	-0.1568	-0.1106	-0.1891	-0.3696	-0.5227	0.1033	0.0529	-0.1652	-0.246	-0.7807
PBANKA_052390	-1.4145	-0.8646	-1.8201	-1.2462	-1.145	-0.7469	0.6711	1.202	0.9757	1.2614	0.5275	-0.2127
PBANKA_114490	-0.5085	-0.4813	0.0248	0.5376	0.5579	0.7259	0.3134	0.1346	0.0101	-0.1995	-0.1565	-0.3295
PBANKA_093280	-0.3931	-0.0945	-0.6102	-0.9155	-0.1208	0.1431	-0.0551	0.2645	0.1345	0.5389	-0.0763	-0.5365
PBANKA_091550	0.1697	-1.9693	0.2773	0.4848	0.1281	0.389	0.0047	-0.1663	-0.6001	-0.9598	-0.822	-0.9453
PBANKA_143090	-0.2134	-0.6486	0.255	-0.3066	0.0274	0.6773	-0.0187	0.0658	-0.0563	0.0023	-0.3304	-0.5783
PBANKA_082650	-0.3753	-0.0276	0.0992	0.167	0.573	0.3301	0.2493	-0.0768	-0.2489	-0.4622	-0.9767	-1.3628
PBANKA_081870	0.1594	0.2311	0.3207	0.3255	-0.4294	0.2513	-0.1817	-0.0814	-0.5806	-0.5231	0.7671	0.8208
PBANKA_093390	-0.3036	-0.6025	-0.3479	-1.0211	-0.2443	-0.2019	0.1127	-0.7516	-0.7368	-1.3683	-0.9889	-0.992
PBANKA_093130	0.6752	0.7643	0.686	0.4496	0.3929	0.0941	-0.6322	-1.2466	-1.3893	-1.6998	-0.678	-0.4753
PBANKA_144400	-0.565	-0.0585	0.4059	0.1263	0.6601	0.2859	-0.2205	-0.9049	-1.651	-2.2606	-2.1899	-2.6291
PBANKA_021420	-0.053	0.8157	0.1981	-0.1746	0.0209	0.0853	-0.1492	-0.5456	-0.7735	-0.6733	-0.2388	-0.5854
PBANKA_101580	-0.2074	-0.293	0.1699	0.3416	-0.0068	0.2131	0.2586	0.6266	0.1615	0.3999	-0.0983	-1.0929

PBANKA_040140	0.3154	1.0651	0.5944	-0.4382	0.287	-0.2982	-0.2558	-0.2512	-0.1924	-0.1155	-0.5076	-0.2414
PBANKA_070570	0.5506	0.1918	0.3738	0.6164	-0.0589	0.3642	-0.3714	-0.1091	-0.0938	-0.1392	0.3244	0.4255
PBANKA_020490	-0.4743	-0.2795	-0.4401	-0.2064	0.0539	0.0666	0.1681	0.1291	-0.1176	-0.2194	-0.2697	-0.4155
PBANKA_133240	-0.3737	-0.1929	-0.3901	0.0125	0.2259	0.4796	0.5109	0.4935	0.049	0.1045	-0.8032	-0.6767
PBANKA_010050	-0.1655	0.447	-0.4701	-0.5583	-0.1989	-0.6763	-0.8048	-0.5098	-0.3702	0.2793	1.5767	1.6763
PBANKA_082990	0.1552	0.2741	0.0273	0.128	0.2478	-0.0421	0.1621	0.0027	0.2687	0.0899	-0.2805	0.0815
PBANKA_080790	0.3991	0.161	0.0457	0.1592	0.1196	-0.1531	-0.0114	0.2352	0.4888	0.6692	0.1134	-0.1063
PBANKA_130470	-0.3117	-0.8021	0.0713	-0.0208	-0.0775	0.1496	0.0112	0.0421	-0.0945	-0.1802	0.1925	-0.6204
PBANKA_092340	0.2557	0.4467	0.3898	0.4415	-0.0153	0.0163	0.093	-0.5054	-0.5104	-0.5145	0.0697	0.4489
PBANKA_061030	-0.7705	0.1489	-0.2259	-0.3122	-0.2559	0.1684	-0.2273	0.1193	-0.2074	-0.2304	-0.1679	-0.1103
PBANKA_081630	0.1223	-0.1362	0.0923	0.1288	-0.1051	0.4796	0.4738	0.1026	0.0189	-0.1811	-0.8387	0.0033
PBANKA_093710	-0.3825	-0.1675	-0.1778	0.2317	0.0025	0.2995	0.1168	0.2497	-0.1608	-0.1903	-0.516	-0.4228
PBANKA_111240	0.3704	0.2178	0.4331	0.5567	0.2815	0.3893	0.1768	-0.3226	-0.9328	-1.3884	-1.0991	-0.6122
PBANKA_030250	-0.245	0.1609	0.1678	-0.2646	0.0695	0.6535	-0.2118	-0.0277	-0.3317	-0.5341	-0.7488	-0.036
PBANKA_060060	-0.2605	-0.9763	-0.3273	0.4441	-0.1748	-0.0238	-0.1637	0.0322	0.7609	0.5988	0.029	1.9202
PBANKA_041010	0.0714	0.3637	0.3835	0.4753	0.2294	0.235	-0.0769	-0.2822	-0.0092	-0.0787	0.1961	0.4045
PBANKA_130120	-0.3153	-0.1452	0.1434	-0.0589	0.066	-0.0387	-0.1964	-0.8416	-1.0894	-1.2593	-1.386	-1.3094
PBANKA_120320	0.1464	0.3419	0.2617	0.5281	0.1673	0.4016	0.1744	-0.3265	-0.4804	-0.7535	-0.614	-0.7301
PBANKA_143040	0.0224	-0.0514	0.3199	0.5091	0.416	0.2606	-0.31	-0.8262	-0.9809	-1.6303	-1.2134	-0.9633
PBANKA_110970	-0.6613	-0.3708	-0.2314	-0.2936	0.3278	0.1112	0.2038	0.2618	0.1054	0.2971	-0.0538	-0.1279
PBANKA_110610	0.2325	0.418	0.2038	0.449	0.0828	0.5073	0.1721	0.6751	0.4097	0.096	0.2472	0.2798
PBANKA_141420	-0.1522	-0.8904	0.2756	0.3944	0.4535	0.6846	0.4133	-0.2188	-0.073	-0.5264	-1.2718	-0.7796
PBANKA_123220	-0.3072	0.2968	0.1577	-0.0293	-0.4981	0.2691	-0.0206	-0.0258	-0.1676	-0.0491	-0.1237	-0.0289
PBANKA_070270	-0.1318	-0.1668	-0.2513	0.0839	-0.038	0.261	0.1076	0.1373	0.589	0.3225	0.2592	0.9536
PBANKA_135030	-0.1464	-0.5699	-0.05	0.3948	0.4308	-0.3288	0.3676	-0.1637	-0.3495	-0.6026	-0.7841	-0.9104
PBANKA_141910	-0.1603	-0.09	0.066	0.2883	0.2945	0.3663	-0.1773	-0.3509	-0.8644	-1.123	-0.4947	-0.7302
PBANKA_142400	0.2966	0.3494	0.0546	0.3297	0.2105	0.2034	0.215	0.1488	0.1642	-0.2159	-0.6446	-0.2664
PBANKA_060770	0.1189	0.5095	-0.04	0.1613	0.2097	0.3611	0.2244	0.296	0.2955	0.3721	0.3263	-0.4146
PBANKA_123180	0.5221	0.0939	0.3505	0.5837	0.5838	0.1688	-0.0586	-0.5036	-0.5619	-1.0034	-1.0196	-0.7158
PBANKA_101560	-0.055	0.2495	-0.0874	-1.1668	-0.3687	-0.0056	0.4002	0.4438	-0.2283	-0.4336	-0.8122	-0.6567
PBANKA_060040	0.4538	0.3385	0.2351	0.3931	-0.0915	0.2323	-0.1881	-0.7466	-0.8678	-0.82	-0.4371	-0.0902
PBANKA_131300	-0.1894	0.4819	-0.4853	-0.5876	-0.1441	-0.6035	-0.2947	-0.3998	-0.0498	0.4997	1.8427	1.5392
PBANKA_060050	0.2895	0.2698	-0.2353	-0.2879	-0.0629	-0.1334	-0.2459	-0.3624	-0.2911	-0.3811	-0.7629	0.413
PBANKA_091990	0.0253	0.1307	-0.0882	0.0571	-0.0066	-0.213	0.1505	0.4731	0.3369	0.2577	0.4766	0.4628
PBANKA_091560	-1.8759	-1.5407	-1.6793	-0.9138	-0.8563	0.2145	0.8723	0.8454	1.001	1.071	-0.1394	-0.3099
PBANKA_132220	-0.1396	-0.3762	-0.2816	0.068	-0.1273	0.213	0.2893	0.7248	0.1723	0.5121	0.1036	-0.4021
PBANKA_070760	0.1843	-0.3606	0.2345	0.623	0.452	0.2238	0.2657	0.2142	0.0784	-0.0326	-0.3822	-0.2327
PBANKA_121160	-0.6889	-0.3091	-0.5831	0.4252	-0.1783	0.3006	0.1531	0.2939	0.255	0.3074	0.2928	-0.4275
PBANKA_101010	0.3154	1.0561	0.0757	0.1709	-0.0767	-0.7898	-0.0645	-0.4132	-0.588	-0.2767	-0.2379	-0.1853
PBANKA_103060	-0.1429	0.3265	-0.0184	-0.1121	0.2765	-0.1121	0.3047	0.1383	-0.0918	0.0026	-0.1431	0.3351
PBANKA_145120	0.4586	0.5017	0.0978	-0.0818	-0.0015	-0.3307	-0.2185	0.0369	0.4277	0.1417	0.683	0.7711
PBANKA_100880	0.3035	0.9553	0.219	-0.6106	0.0363	-0.3649	0.0302	-0.0513	0.0968	-0.3442	-0.4329	-0.3474
PBANKA_144290	0.06	0.2723	0.2321	-0.0955	0.5373	-0.5257	0.0299	0.1554	-0.1421	-0.3259	-0.4705	0.7148
PBANKA_144830	0.002	0.2685	0.2218	0.4043	0.1738	0.449	0.0082	-0.151	0.0159	-0.2585	-0.2255	-0.1214
PBANKA_141390	0.0868	-0.0678	-0.2196	-0.2037	-0.3446	-0.3634	-0.3308	-0.2049	-0.1661	0.3272	0.1139	0.581
PBANKA_132750	0.2188	0.215	0.0763	0.201	0.134	-0.3267	-0.2254	0.0736	-0.2537	-0.4102	-0.1623	-0.3784
PBANKA_081330	-0.7084	0.1114	0.0386	-0.0516	-0.1293	-0.0414	-0.2652	0.0434	-0.2672	0.3154	-1.1126	0.6406
PBANKA_112390	-0.5847	0.4816	-0.2438	0.143	-0.0485	-0.0586	-0.2224	-0.2032	-0.3473	-0.2126	-0.0576	-0.2881
PBANKA_133570	-0.7995	-0.6644	-0.4462	-0.3153	-0.4655	-0.7286	0.0589	0.5228	0.8325	0.9977	1.151	1.3151
PBANKA_134060	0.1198	0.2158	0.1438	0.6552	-0.3637	0.5614	0.2189	0.1604	0.4083	0.1238	0.1795	0.5943
PBANKA_070200	-0.4579	-0.781	0.1255	-0.1203	0.2888	0.673	0.1603	0.5188	0.6176	0.5441	0.3296	0.3425
PBANKA_030860	0.1134	0.756	0.2948	0.0422	0.143	-1.2864	-0.1537	-0.4596	-0.6939	-0.6529	-0.2133	0.4109
PBANKA_091520	-0.653	-0.7424	-0.6437	-0.3364	-0.1678	0.1393	0.5008	0.7782	0.2883	0.4931	-0.5002	-0.8105
PBANKA_141340	-0.0699	0.1612	0.1637	0.1932	0.2017	0.1565	0.0597	-0.4282	-1.0002	-1.2014	-1.1204	-1.4266
PBANKA_051590	0.4999	-0.7449	-0.0028	-0.2663	-0.0322	0.1497	0.1199	0.6301	0.0631	0.6423	-0.2478	0.4229
PBANKA_132060	0.1774	-0.2496	0.235	0.1359	-0.0111	-0.2063	-0.262	-0.2506	-0.3861	-0.4317	0.0165	0.7597
PBANKA_144580	-0.1897	0.3801	-0.0845	-0.0596	0.1526	-0.0084	-0.0784	-0.0491	0.396	0.1758	-0.045	0.1104
PBANKA_070920	0.6439	0.9632	0.1847	0.3464	0.4636	0.2862	0.2433	-0.0206	-0.1096	-0.351	-0.3114	-0.3392
PBANKA_134720	0.2629	0.1612	-0.0384	-0.0834	0.1086	0.3336	0.0823	0.3076	0.0956	-0.0378	-0.3194	-0.0512
PBANKA_090730	-0.432	-1.8061	0.2274	0.5797	0.375	0.53	0.1648	0.3072	0.0558	-0.2319	-1.0028	-0.9401
PBANKA_133270	-0.7396	-0.8583	-0.3917	-0.455	-0.4954	-0.2134	0.2075	0.5375	0.8259	0.8234	1.5021	1.4032
PBANKA_070770	-1.4965	-0.9074	-1.7405	-0.9181	-1.1652	-0.4475	0.0054	0.8434	1.3892	1.8913	0.7286	0.2695
PBANKA_010370	-0.0054	0.5706	0.4034	0.3082	0.2842	0.3048	-0.3822	-0.5306	-1.2513	-1.3694	-0.5672	-1.0875

PBANKA_124550	-0.1074	-0.4623	0.0054	-0.084	0.101	-1.4212	0.2574	0.6129	0.3759	0.2419	0.1637	-0.1668
PBANKA_111810	-0.118	-0.4928	0.292	0.4583	0.1763	0.697	0.214	0.2824	0.4069	-0.0228	-0.5344	-1.2176
PBANKA_031580	-0.8772	-0.8312	-0.5719	0.0602	0.0202	0.5859	0.6689	0.4935	0.4068	-0.0969	-0.9526	-0.7134
PBANKA_112540	-0.106	-0.1424	-0.1349	0.5603	0.2888	0.448	0.0503	-0.1307	-0.0009	-0.6183	-0.3485	-0.3787
PBANKA_131500	-1.1922	-0.7382	-0.7393	-0.0084	0.175	0.42	0.6013	0.4125	0.3631	-0.0049	-0.5397	-0.5513
PBANKA_141220	0.2232	0.4814	0.1232	0.1024	0.3173	0.3017	0.0121	-0.0093	-0.059	-0.17	-0.3789	-0.4067
PBANKA_020230	0.5377	0.8725	0.381	0.3026	0.1474	0.1806	0.0101	-0.5032	-0.7442	-1.0574	-1.0449	-0.1316
PBANKA_131730	0.4678	1.2221	0.3594	0.2667	0.1308	-0.2992	-0.0993	-0.3731	-0.5167	-0.6212	-0.7538	-0.5737
PBANKA_112990	0.0243	-0.2384	0.1621	-0.1369	-0.1951	-0.009	0.0249	0.1269	0.0534	-0.1508	-0.3157	-0.0916
PBANKA_060110	-0.6678	0.1235	0.4282	-0.0642	0.2238	0.5483	0.2317	-0.4322	-0.3483	-0.5934	-1.2282	-0.6832
PBANKA_051910	-1.5902	-1.2431	-2.0402	-1.2929	-1.0057	-0.5991	0.5192	0.8672	0.9151	1.4605	0.4311	-0.4507
PBANKA_031040	0.3042	0.5875	0.333	0.3978	0.1251	-0.8325	0.1146	-0.0094	-0.2991	-0.1951	-0.3991	-0.0983
PBANKA_060730	0.1096	0.5737	0.153	0.085	-0.0026	-0.0516	-0.0941	-0.2461	-0.0594	0.2359	0.6267	0.7476
PBANKA_132110	0.212	0.021	0.2699	0.7051	0.3317	0.3844	0.0523	-0.1299	-0.2278	-0.2295	-0.1165	0.2256
PBANKA_092160	0.2349	0.1067	0.0677	-0.0247	0.0822	-0.0461	0.3051	0.5441	0.1856	0.5582	-0.1407	-0.4782
PBANKA_083580	-0.4259	-0.4281	-0.2784	0.5736	0.1667	0.3995	0.1458	-0.4189	-0.3849	-0.7009	-0.4569	-0.5317
PBANKA_101370	0.1138	0.1981	-0.0587	0.1872	0.0999	0.5007	0.184	-0.0599	-0.2464	-0.7223	-0.6369	-0.7159
PBANKA_072140	0.5411	0.5614	0.3597	0.3804	0.2947	0.1714	0.0863	-0.345	-0.6099	-0.3345	-0.2659	-0.167
PBANKA_121350	0.2203	-0.0885	-0.0571	0.3803	0.067	0.4445	0.1368	0.0947	0.0285	-0.1582	-0.8452	0.1245
PBANKA_142430	0.0304	0.395	0.0565	0.1354	-0.0877	-0.0337	-0.4643	-0.3378	-0.0289	0.2012	0.5961	0.8134
PBANKA_041230	-0.2054	0.2068	-0.3635	-0.0787	-0.0286	0.0567	0.2572	0.2637	0.2637	0.4022	0.3612	0.1414
PBANKA_124430	-0.1391	0.6773	-0.1926	0.0488	0.123	0.2158	0.0884	0.1926	-0.0161	0.0796	0.1302	0.2543
PBANKA_112300	-0.3581	0.3225	0.1131	0.3404	0.2031	0.3609	-0.0694	-0.3914	-0.3002	-0.27	-0.3714	-0.1489
PBANKA_130920	0.1915	0.121	-0.2717	0.1554	-0.3213	-0.3391	-0.0249	0.1352	0.5618	0.7575	0.7372	0.8474
PBANKA_094110	0.2987	-0.102	0.291	0.376	0.3171	0.2326	-0.0243	-0.3761	-0.2838	-0.8212	-0.5861	-0.5686
PBANKA_143100	0.0484	-0.3792	0.3169	0.4828	0.3916	0.2464	0.3038	-0.4572	-0.6286	-0.8681	-0.6447	-0.6467
PBANKA_091240	-0.8192	0.0064	-0.8594	-0.4337	-0.4566	-0.3622	-0.3577	-0.0898	0.2116	1.1819	0.6822	-0.0075
PBANKA_094270	-0.1509	0.2405	-0.0866	-0.2743	0.1155	-0.5476	-0.0699	0.5246	0.3371	0.527	0.6071	-0.3281
PBANKA_062120	1.0016	1.2251	0.312	0.6659	0.1506	0.5915	-0.0419	-0.5063	-0.136	-0.2797	0.6932	0.2259
PBANKA_110340	0.1848	0.2817	0.4229	0.3798	0.1949	0.2479	-0.2745	-0.649	-0.6603	-1.32	-0.82	0.4309
PBANKA_070230	-0.1182	0.4317	0.0725	0.0743	0.0351	0.4203	0.435	-0.2055	0.6496	0.1612	0.0488	0.4626
PBANKA_134340	-0.4424	0.327	-0.3244	-0.041	-0.0121	-0.2983	0.0462	0.1547	0.2622	0.2722	-0.1102	-0.063
PBANKA_130320	-0.0543	-0.1431	-0.3812	-0.2246	0.0209	0.2669	-0.2821	0.0617	-0.0378	0.0065	0.1592	0.1488
PBANKA_041160	-0.1861	0.2559	0.1623	0.2403	-0.0473	0.504	0.3395	0.2897	0.0689	0.2584	-0.0762	-0.2989
PBANKA_060680	0.352	-0.1907	0.42	0.7061	0.5056	0.0722	-0.3354	-0.6941	-0.9855	-1.6813	-1.6868	-1.5773
PBANKA_123140	0.0479	-0.1477	-0.0005	0.0607	-0.0178	0.3897	0.1839	0.9052	0.2221	0.1079	-0.5237	-0.3126
PBANKA_071700	0.183	0.8503	0.3493	-0.0656	0.2429	-0.0314	-0.2763	-0.6001	-0.5636	-0.8541	-0.4222	-0.7228
PBANKA_101970	0.5317	-0.0802	-0.1356	0.3334	0.0053	0.0369	-0.5922	-0.2076	0.2569	0.5479	0.8817	0.6027
PBANKA_040190	0.1491	0.0588	0.2669	0.3706	0.2227	0.167	-0.0673	-0.1455	-0.139	-0.2696	0.2155	0.8771
PBANKA_136340	-0.052	0.0374	-0.2261	0.0637	0.3626	0.2455	0.2334	-0.0671	0.1977	0.0037	-0.279	-0.3632
PBANKA_114380	-0.7228	-0.1141	-0.107	-0.0691	0.2994	0.571	0.02	0.1891	0.0851	-0.1928	0.0015	0.1011
PBANKA_111410	0.2305	0.2133	-0.0541	0.2677	-0.119	0.3315	-0.393	0.1408	0.1392	0.3534	0.8877	1.499
PBANKA_131580	0.2411	0.2007	-0.0642	-0.0232	0.1631	0.4104	0.0261	0.0879	0.1305	-0.1188	0.1681	0.9342
PBANKA_030440	-0.7399	-0.6457	-0.7184	-0.3058	-0.1879	0.1775	0.5242	0.7518	0.4249	0.5858	-0.0052	-0.229
PBANKA_070420	-0.2859	-0.2592	0.0508	0.3233	0.1496	0.1993	0.369	0.1218	0.026	-0.3113	-0.5708	-0.5742
PBANKA_130590	-0.4299	-0.0734	0.2265	0.0761	0.64	0.1909	-0.0829	-0.4083	-0.9399	-0.9547	-0.7268	-0.543
PBANKA_103960	0.1708	0.0995	-0.0643	0.0297	0.0854	0.1267	-0.0825	-0.4434	-0.3482	-0.553	-0.2047	-0.6767
PBANKA_041080	0.2247	-0.0434	0.4557	-0.0069	-1.1735	0.3307	0.4493	-0.049	-0.2835	-0.5275	-0.666	-0.414
PBANKA_121190	0.1345	-0.2414	-0.2133	-0.2139	-0.1004	-0.4461	0.029	0.3922	0.3639	0.3929	0.2118	-0.1129
PBANKA_060820	-0.6997	-0.1878	-0.1132	0.0211	0.0925	0.4688	0.0487	-0.2328	-0.2905	-0.2566	-0.7091	-0.4654
PBANKA_132340	-0.3081	0.4061	-0.1218	0.0072	0.0938	0.3343	0.0029	0.0966	0.081	-0.2496	-0.3454	-0.0443
PBANKA_133670	0.3937	0.9924	0.4829	0.2404	-0.0527	-0.046	0.0655	-0.1937	-0.1472	-0.0666	-0.2131	0.0971
PBANKA_142230	0.3452	0.4731	0.0617	-0.4786	0.2463	0.336	0.1356	-0.1762	-0.301	-0.5073	-0.5284	-0.9234
PBANKA_140120	0.2951	0.4608	0.1674	-0.2759	-0.2364	-0.5897	-0.5419	-0.1335	-0.3042	0.2548	0.8689	0.8805
PBANKA_111780	0.597	0.8312	0.6454	0.4249	0.3912	0.5445	-0.504	-0.7829	-1.03	-1.4418	-0.9369	-0.8747
PBANKA_071660	-0.31	-0.9442	0.3126	0.8549	0.3142	0.178	0.1454	0.1472	0.5433	0.1856	-0.0296	0.1307
PBANKA_010770	0.1783	0.5124	-0.0421	-0.4746	-0.0745	-0.085	-0.6541	-0.558	-0.2079	0.0261	-0.1619	1.6946
PBANKA_062110	-0.3958	0.043	0.0978	-0.523	0.2218	0.5699	-0.0515	0.0137	-0.0336	-0.0331	0.1811	-0.4641
PBANKA_133130	0.2049	0.1833	0.168	0.4234	-0.0436	0.516	0.0968	0.3459	0.3258	0.2578	0.0886	0.0996
PBANKA_081070	-1.0196	0.4375	-0.6998	-0.2688	-0.1135	-0.6517	-0.5146	-0.38	0.0846	0.852	1.9893	2.0273
PBANKA_021060	0.2452	0.7941	0.2635	0.1541	0.0697	-0.0567	-0.1758	-0.1035	-0.3947	-0.3996	-0.5009	-0.4474
PBANKA_020300	-1.0019	-0.6336	-0.6915	-0.1439	0.1716	0.3166	0.3323	0.144	0.0638	-0.2629	-0.8743	-0.7972
PBANKA_080270	0.2056	0.4378	0.3414	-0.082	-0.5913	0.4211	0.0033	0.012	0.1152	0.0702	-0.1522	0.0314

PBANKA_113640	-0.2986	0.0189	-0.2926	0.2816	0.1831	0.0563	0.079	-0.2475	-0.2952	0.0248	-0.0623	-0.2843
PBANKA_130210	-0.0236	-0.6616	0.4626	0.2362	0.6718	0.2003	-0.2946	-0.5804	-0.2816	-0.7126	-0.8496	-0.6168
PBANKA_111280	-0.5062	-0.3391	-0.069	0.1858	0.1721	0.2542	0.3638	0.4034	0.7395	0.5494	0.2088	0.4832
PBANKA_110140	-1.9146	-1.7766	-2.1635	-1.3702	-0.9093	-0.3666	0.7747	0.8101	1.2148	1.5925	0.3012	0.0211
PBANKA_123650	-0.3179	-1.0893	-0.048	-0.2555	-0.264	0.2237	0.3818	0.526	0.7734	0.8724	0.1785	0.2466
PBANKA_021010	-1.0501	-0.3273	-0.9082	-0.0951	-0.2368	0.0203	0.3987	0.8311	1.1244	0.8518	0.4873	0.1297
PBANKA_070980	-0.4248	-0.1754	-0.5267	-0.1274	-0.4061	0.4989	0.5924	0.5284	0.4472	0.3473	0.2727	-0.0042
PBANKA_090170	-0.9543	-0.4996	-0.4742	0.022	-0.031	0.4144	0.785	0.4269	0.5471	0.1759	-0.5444	-0.8087
PBANKA_111180	0.155	1.2461	0.0663	0.8395	0.0976	-0.0097	-0.5154	-0.2345	-0.1233	-0.0532	-0.6657	-0.1251
PBANKA_040620	-0.0713	-0.4506	0.1117	0.4014	0.0236	0.1484	-0.1952	0.3128	0.9121	0.8417	0.7812	0.6342
PBANKA_080820	-0.1627	-0.4166	0.1193	0.3476	0.3878	0.2221	0.1047	-0.2834	-0.5911	-1.2158	-1.485	-1.8427
PBANKA_061270	-0.0254	-0.5525	-0.0062	0.7477	0.0582	0.5277	0.4954	0.3124	0.3389	0.2375	-0.1718	-0.5979
PBANKA_111900	0.1839	-0.007	0.1774	0.0016	0.2124	0.5345	-0.0749	0.3328	0.2438	-0.1423	-0.5951	0.4916
PBANKA_120270	0.9169	0.3584	0.6171	0.2064	0.5545	0.0141	-0.3883	-0.4823	-0.6608	-0.9382	-0.7962	-1.0506
PBANKA_122400	0.0242	0.4022	0.3659	0.5307	0.282	0.4525	-0.0177	0.3337	0.0625	0.3945	-0.0449	-0.44
PBANKA_132920	-0.0618	-0.0528	-0.187	-0.2266	0.0458	-0.7212	0.0671	0.1731	0.2592	0.2187	0.1687	0.1553
PBANKA_070740	-0.1075	-0.0032	-0.0201	-0.1665	0.0737	-0.2641	-0.619	-0.7551	-0.1937	0.1364	0.8965	1.0648
PBANKA_143070	-0.4552	-0.0322	-0.4248	-0.2129	-0.5813	-0.003	0.0651	0.1211	0.1124	0.4417	-0.0087	-0.2335
PBANKA_133360	-0.452	-0.8406	-0.1318	-0.1225	0.3676	0.2318	0.4164	0.0399	0.219	-0.012	-0.5588	-0.8498
PBANKA_140440	0.2334	1.0555	-0.0094	0.268	0.2069	-0.0354	-0.3595	-0.4342	-0.0898	0.1059	0.6319	0.2575
PBANKA_082710	-0.1458	-0.1246	-0.0979	0.2356	-0.1077	-0.2102	0.2511	0.2714	0.2171	0.3523	0.1327	0.4892
PBANKA_113720	-0.1786	0.2254	0.1304	-0.4322	0.1731	-0.4841	-0.0173	-0.6081	-0.6543	-0.2562	0.3282	0.4227
PBANKA_010560	1.0727	0.6585	0.1579	0.1249	-0.0769	0.4092	-0.0574	-0.5097	-0.3558	-0.4336	0.4316	-0.1453
PBANKA_050610	0.0306	-0.6033	-0.0183	-0.0126	0.1197	0.7263	0.2829	0.3248	0.1683	0.3037	-0.2266	-0.6964
PBANKA_082350	0.3888	0.7545	0.4681	0.5943	-0.2975	-0.2135	-0.1685	-0.5291	-0.1612	-0.7928	0.1665	-0.3326
PBANKA_135310	-0.0442	-0.0947	-0.3987	-0.2026	0.0045	0.1055	0.3081	0.5014	0.87	1.1495	0.0189	-0.1844
PBANKA_050180	-1.6247	-0.8985	-2.3562	-1.7953	-1.6164	-1.1149	-0.1997	0.5902	1.3001	1.3756	1.8396	1.3037
PBANKA_121280	-0.3598	0.4673	0.0733	0.1741	0.1427	-0.0185	0.1019	0.0021	-0.2872	-0.4245	-0.5128	-0.8851
PBANKA_092480	0.2449	1.2153	-0.2668	-0.2569	-0.4063	-0.0455	-0.4651	-0.3244	-0.4898	0.0152	0.0417	0.3326
PBANKA_100370	-0.0349	-0.4601	-0.1646	-0.0901	-0.2898	-0.0193	0.0123	0.1918	0.6883	0.4898	0.678	0.6719
PBANKA_135630	-0.2752	0.1288	-0.0885	0.0887	0.1286	0.2966	0.2851	0.3846	0.0559	0.1882	-0.2962	-0.0922
PBANKA_113900	0.3048	0.4759	0.1395	0.252	-0.1872	-0.025	0.0985	-0.0452	-0.1443	-0.5314	-0.2974	-0.8013
PBANKA_010380	-0.1484	0.4983	0.3168	0.0888	0.1287	-0.1417	-0.3214	-0.734	-1.3863	-1.236	-0.9475	-1.3161
PBANKA_146450	0.2146	-0.1807	-0.4755	-0.2077	-0.4735	-0.5012	-0.7661	-0.0207	0.6657	1.0003	0.9583	1.6311
PBANKA_094130	-0.314	-0.4261	-0.1601	-0.3133	-0.0575	-0.4442	-0.0699	0.4774	0.8443	0.6282	1.0251	0.7671
PBANKA_133350	0.1391	-0.1582	-0.011	0.185	-0.2207	0.1925	0.1859	0.2542	0.3142	-0.1103	-0.0657	0.2176
PBANKA_091760	0.1481	0.3738	0.4849	0.103	0.0718	-0.4259	0.2778	-0.0307	0.3591	0.0716	0.0498	1.1391
PBANKA_092110	0.7563	0.1138	0.0302	0.6273	0.1536	-0.0584	0.037	-0.1128	-0.0883	-0.197	-0.21	-0.1458
PBANKA_010550	0.1027	-0.4101	0.1556	0.3989	0.3847	0.3239	0.0122	-0.6655	-0.6622	-1.1972	-1.2201	-0.8103
PBANKA_081860	0.2334	0.818	0.0158	0.47	-0.0527	0.0345	0.1224	0.043	0.1676	0.1334	-0.3093	0.4987
PBANKA_110740	0.3822	0.6251	0.2695	-0.4716	0.1371	-0.1893	-0.1102	-0.016	-0.2744	0.1941	0.4366	0.849
PBANKA_093500	-0.2354	0.4916	-0.1792	-0.1561	0.2094	-0.3533	0.0941	0.6865	-0.1924	0.1148	-0.7518	-0.7478
PBANKA_081900	-2.1866	-0.384	-1.9668	-1.562	-1.1202	-0.5729	-0.0389	0.3527	0.2249	1.1442	0.7618	0.7003
PBANKA_061350	0.521	-1.756	0.0211	0.3077	0.0898	0.3302	0.0325	-0.4951	-0.4212	-0.878	-0.4992	-1.3169
PBANKA_132410	-0.2137	0.2407	0.4242	0.0816	0.5699	-0.1292	-0.4368	-0.9591	-0.5962	-1.1529	-0.9405	-0.7786
PBANKA_081700	-0.71	-0.4443	-0.3048	-0.5938	0.0217	-0.3829	0.0786	0.2962	0.4246	0.795	0.7024	0.4662
PBANKA_060760	-0.1065	-0.0041	0.1122	0.5345	0.383	0.6396	-0.1999	-0.345	-2.0088	-1.0421	-0.6524	-1.2086
PBANKA_030240	-0.6148	-0.1194	-0.57	-0.6477	-0.144	0.2272	-0.0433	0.3969	0.4623	0.6514	0.1909	0.0852
PBANKA_124260	-0.1777	0.3823	0.0298	-0.6867	0.0339	0.2124	0.1524	-0.0449	-0.5459	-0.9824	0.0877	-1.3433
PBANKA_122850	0.1771	0.3348	-0.0594	0.5692	0.1944	0.474	0.069	-0.0108	-0.0557	-0.1936	-0.3083	-0.4961
PBANKA_080130	-1.3197	-1.2138	-0.3298	-0.0168	-0.1193	0.5496	0.7685	0.9266	0.9653	0.8226	-0.1724	-0.2878
PBANKA_113660	0.3587	-0.2092	0.4215	0.7066	0.4019	0.4722	0.4474	-0.0993	-0.2938	-0.6738	-0.4536	-0.2197
PBANKA_123400	-0.4004	-0.3738	-0.1774	0.0716	0.1722	0.3151	0.2828	0.0644	-0.1975	-0.5188	-1.0385	-1.2605
PBANKA_092880	0.2379	0.4325	0.3417	0.1628	0.1156	0.3427	-0.0313	0.236	-0.2487	-0.1985	0.318	0.3007
PBANKA_030450	-0.0031	-0.3013	0.0129	-0.0075	-0.8372	-0.1502	0.2345	0.4348	0.9556	0.817	0.7394	0.3581
PBANKA_101340	-0.2163	0.3454	-0.0434	0.2081	0.0668	0.3274	-0.0092	0.1236	0.4614	0.4928	0.4684	0.2849
PBANKA_080900	-0.0006	0.1775	0.2963	0.2019	-0.2869	0.3076	0.0871	0.0246	-0.0814	-0.2045	0.0609	0.3395
PBANKA_080100	-0.3491	0.3179	-0.0078	0.102	-0.1816	-0.2384	-0.5541	-0.7807	-0.058	0.0273	0.7846	0.3426
PBANKA_114190	-1.1886	-1.0789	-0.8356	-0.4747	-0.0098	-0.8352	0.1132	0.695	1.1635	1.2822	0.9201	0.2561
PBANKA_050220	0.2129	0.677	0.2744	0.6806	0.4128	0.5421	0.2453	-0.2331	-0.0917	-0.3326	-0.7435	-0.7062
PBANKA_112190	0.1984	0.0239	0.352	0.9875	0.3407	0.5095	0.0527	-0.1741	-1.024	-1.0482	-1.0382	-1.0744
PBANKA_030840	-0.2294	-1.4173	0.2405	0.862	0.8091	0.7646	0.568	-0.0058	-0.0472	-1.0426	-0.7811	-0.7942
PBANKA_141540	-0.3798	-0.2766	-0.3657	-0.4285	-0.1956	-0.209	-0.42	-0.5158	-0.6316	-0.2396	-0.6497	-0.4264

PBANKA_081400	-0.0426	-0.0326	-0.4498	-0.1273	-0.3999	-0.5083	-0.8698	-0.5663	0.5703	0.6773	1.0204	1.7066
PBANKA_083270	-0.4867	-1.8288	-0.8466	-0.179	0.0567	0.174	-0.0775	0.0555	0.7213	0.6411	0.7899	0.5734
PBANKA_114060	0.1868	0.3049	0.1748	0.2658	0.1191	-0.4608	-0.4496	-0.7356	-0.5857	-0.7371	0.2164	0.3772
PBANKA_142330	-0.1752	0.1609	0.3194	-0.167	0.7716	-0.2175	-0.666	-1.13	-1.3178	-1.1474	-0.6712	-0.7383
PBANKA_133710	0.3444	0.2902	0.3509	-0.1557	0.2261	0.035	-0.4472	-0.7451	-0.7423	-0.6166	-0.4122	-0.8794
PBANKA_071080	0.0282	0.2415	0.0145	0.3457	0.1279	0.2922	-0.2608	0.017	-0.2482	-0.3355	-0.1509	-0.1013
PBANKA_082130	0.741	0.9242	0.3506	0.7884	0.7531	-0.1531	0.0281	0.4571	0.0144	-0.2828	-0.557	0.8514
PBANKA_051000	-1.1885	-1.1286	-0.6135	-0.1974	0.1318	0.4553	0.6525	0.4393	0.4616	0.1471	-1.1568	-0.9113
PBANKA_030940	0.1166	0.0907	-0.0126	-0.2844	0.0584	0.1669	0.0523	0.0632	-0.1189	-0.0133	-0.2307	-0.4087
PBANKA_144800	0.4793	0.4085	0.4735	0.2992	0.2585	-0.0482	-0.2672	-0.3696	-0.5924	-1.1277	-0.8442	-1.0781
PBANKA_030080	-0.8777	0.2275	-0.25	-0.4309	-0.3774	0.2889	-0.1102	-0.0365	-0.5986	-0.3021	-0.4099	-0.4883
PBANKA_010930	-0.5255	-0.0088	-0.0598	0.6909	0.1507	0.4797	-0.5062	0.2851	0.0061	0.1448	-0.0448	-0.4428
PBANKA_081720	0.536	0.6041	0.7434	-0.2526	0.5479	0.3021	-0.2922	0.0403	-0.1485	-0.5374	-0.0961	-0.0365
PBANKA_111310	0.533	-0.0645	0.8336	0.4369	-0.1599	0.5931	0.1151	-0.0474	-0.6982	-1.0429	-0.9032	-0.5375
PBANKA_110190	0.3965	0.6304	0.1555	0.2275	0.4693	0.4529	0.021	-0.5337	-0.0958	-0.5281	-0.2595	-0.1452
PBANKA_146500	-0.7248	-0.4754	-1.0339	-0.8284	-0.8476	-0.9167	-0.5835	-0.1757	0.4941	1.2849	1.5763	2.0447
PBANKA_143870	0.43	-0.3237	0.5023	0.4669	0.1728	-0.0334	-0.014	-0.1868	-0.445	-0.713	-0.1912	-0.5354
PBANKA_130310	-0.5009	-0.6702	-0.2136	-0.2528	-0.1211	-1.0388	0.03	-0.9157	-0.247	-0.2357	-0.4741	-0.0352
PBANKA_091640	0.0112	0.6304	0.4166	0.0641	0.3106	-0.1859	0.1112	-0.4233	-0.3041	-0.1399	0.133	0.5515
PBANKA_112090	-0.0398	-0.24	-0.179	-0.1981	0.0658	-0.0122	0.1059	0.2985	0.7395	0.4595	0.5998	0.8635
PBANKA_114500	0.2236	0.0647	0.1616	0.3185	0.4105	-0.2743	0.1329	0.2697	-0.0299	-0.0149	-0.1107	0.2624
PBANKA_140790	0.2287	0.2937	0.0876	-0.1586	0.0732	-0.1959	-0.4057	-0.2183	0.0138	-0.0307	0.3526	0.4567
PBANKA_133340	0.1698	-0.1474	-0.007	0.3071	-0.066	0.2961	-0.005	0.0215	0.4679	0.3184	0.3192	0.6174
PBANKA_145540	0.3486	-0.4641	0.0529	0.068	-0.4157	0.4024	0.0074	0.1793	0.2756	0.187	0.282	-0.2607
PBANKA_030400	0.5003	0.1253	0.2137	0.3919	0.1977	0.069	0.0076	0.0053	-0.1066	-0.3019	-0.1461	-0.0048
PBANKA_123820	0.5321	0.326	0.0777	-0.0596	-0.0365	-0.136	-0.5405	-0.2428	-0.7027	-0.0779	0.3882	0.4473
PBANKA_080800	-1.0731	-0.4129	-1.0204	-0.136	-0.0266	0.2706	0.5307	0.5192	0.328	0.9356	-0.0238	-0.5656
PBANKA_113790	-1.0412	-1.1036	-0.4599	0.1358	0.1549	0.3451	0.421	0.3606	-0.3914	-0.5323	-0.8961	-1.0736
PBANKA_030330	0.0573	0.3442	0.2471	-0.1226	0.221	0.361	0.2379	0.1083	0.2127	0.1299	0.2319	0.0632
PBANKA_112220	-0.3948	-0.7379	0.013	0.1657	0.381	-0.6693	0.3908	0.3808	0.0672	-0.0115	-0.5475	-0.6911
PBANKA_070350	0.4949	0.1647	0.0123	0.9349	0.1041	0.5078	-0.322	0	0.3099	0.1366	0.8255	1.2209
PBANKA_052080	0.2819	0.0038	0.1483	0.3289	-0.0815	0.3815	0.266	-0.2704	-0.3786	-0.497	-0.7136	-0.2664
PBANKA_113010	-0.004	-0.3464	0.2483	0.477	0.6935	0.4283	0.1555	-0.3629	-0.4324	-0.8076	-0.813	-0.6442
PBANKA_122120	0.6464	0.2976	0.3602	0.256	0.0544	-0.2514	-0.0191	0.0121	-0.4812	-0.7166	-0.218	-0.7959
PBANKA_135700	0.1038	0.3867	0.2432	0.1597	0.2528	0.0197	0.335	-0.3011	-0.4087	-0.4783	-0.5145	-0.8941
PBANKA_133810	-0.4225	-0.8233	-0.099	-0.0651	0.1367	0.0146	-0.1327	0.1321	0.4926	0.3823	0.5483	1.5292
PBANKA_136420	0.3642	0.4942	0.5375	0.3425	0.2365	-0.083	-0.4641	-0.693	-0.7405	-0.9972	-0.5024	-0.1729
PBANKA_111630	-0.0885	-0.2898	0.2509	0.287	-0.1031	0.4263	0.1548	0.2117	-0.1119	0.1763	0.1558	-0.4427
PBANKA_135800	-0.1033	-0.6184	-0.1955	-0.0424	-0.2086	-0.0848	-0.3502	-0.1276	0.2717	0.4009	0.5513	1.1541
PBANKA_123880	-0.0438	1.227	-0.2771	-0.3392	-0.128	-0.65	-0.4359	-1.1022	-0.7454	-0.4029	0.746	0.8638
PBANKA_091830	0.3531	0.1443	0.3628	-0.1532	0.3582	0.2309	-0.257	-0.1208	-0.1761	-0.2945	-0.1345	0.3646
PBANKA_051980	-0.2687	-0.237	0.0571	-0.0244	0.0178	0.1186	0.3845	0.2801	-0.0446	-0.0595	-0.6445	-0.8459
PBANKA_122710	0.4106	-0.1765	-0.105	-0.2063	-0.2313	-0.7031	-0.7336	-0.0735	0.328	0.7809	0.9232	1.1559
PBANKA_134660	0.0503	0.5163	0.1261	0.0291	0.0383	-0.0595	-0.1204	-0.4891	-1.0415	-0.5665	-0.5085	-0.9873
PBANKA_051760	-0.1807	-0.2629	-0.2163	-0.0595	-0.2486	-0.9923	-0.7081	-0.9611	-0.0414	0.0899	0.854	1.2534
PBANKA_114540	-0.8549	-0.3746	-1.4732	-1.3416	-1.3634	-1.4043	-1.0804	-0.1914	0.6929	1.0996	2.0715	1.8934
PBANKA_121800	-0.2623	-0.0344	-0.6279	-0.672	-0.8417	-0.8404	-0.507	-0.0236	0.65	1.1081	1.4778	1.6324
PBANKA_114520	0.1531	0.6258	-0.0454	-0.4336	0.2682	-0.0714	0.0892	-0.2217	0.0005	0.1143	0.2857	0.7418
PBANKA_030060	0.0032	0.0939	-0.2454	-0.2903	-0.7488	-0.453	-0.7311	-0.3735	0.3938	0.7984	1.0112	1.3963
PBANKA_051130	0.9076	-0.0392	0.5209	0.3552	0.2513	-0.4286	-0.123	-0.3235	-0.4634	-0.4548	-0.187	-0.3319
PBANKA_060130	-0.0139	-0.0166	-0.0574	-0.4044	-0.1566	0.7544	0.1956	0.2423	0.2442	0.5332	0.1409	0.4193
PBANKA_123210	0.2449	0.0607	-0.084	-0.472	-0.2175	-0.329	-0.7701	-0.5307	-0.6215	0.2273	1.0512	1.0415
PBANKA_143940	-0.6647	-0.5865	-0.4499	-0.0203	0.0734	0.0687	0.5837	0.4455	0.4064	0.2544	-0.3222	-0.2169
PBANKA_050680	0.3995	0.2151	0.1179	-0.6918	-0.5074	-0.3931	-0.3754	-0.351	-0.3978	-0.3581	-0.2742	-0.9428
PBANKA_091260	-0.2637	-0.1741	-0.0187	-0.0273	0.2664	0.4008	0.2054	0.5511	0.3301	0.3912	0.1963	0.2881
PBANKA_123290	0.1245	0.0556	0.0384	0.1168	0.1126	0.0074	0.1339	0.165	0.0087	0.0013	-0.2532	0.0102
PBANKA_100870	-0.0744	-0.2359	0.1496	-0.3727	0.3424	-0.6907	0.3067	0.3464	0.3692	0.2823	-0.2226	-0.306
PBANKA_143080	-0.3388	-0.4467	-0.0568	0.5051	0.4661	0.4151	0.4998	0.1619	0.0167	-0.3136	-0.3627	-0.7974
PBANKA_134550	-0.0914	0.0241	0.2535	0.4551	0.1607	0.6124	0.3467	0.3904	0.283	-0.1783	0.032	0.3363
PBANKA_030650	-0.8112	-0.981	-0.2939	-0.5751	-0.2101	-0.3518	-0.5165	-0.5885	-0.7184	-0.7261	-0.1291	-0.57
PBANKA_130520	-0.5384	-0.1557	-0.4777	-0.38	-0.2013	0.0076	0.2373	0.2862	0.429	0.7053	0.6794	0.4021
PBANKA_142470	-0.0252	0.0303	0.2282	0.4337	0.2854	0.563	0.2288	-0.2129	-0.3171	-0.7448	-0.612	-0.7903
PBANKA_121380	-0.4921	-0.5231	-0.1972	-0.2075	0.0322	0.3041	0.4346	0.1899	-0.229	-0.1692	-0.5015	-0.5581

PBANKA_071010	-0.5499	-0.355	-0.1632	0.134	0.1033	0.6509	0.6006	0.1823	0.0567	-0.3148	-0.902	-0.7759
PBANKA_120490	0.5216	-0.2151	0.3987	0.5348	0.1816	0.4762	-0.2632	-0.1929	-0.2133	-1.1858	-1.0991	-0.6623
PBANKA_141720	-0.4397	-1.3696	-1.2975	-1.2871	-1.1795	-0.8642	-0.11	0.639	1.3657	1.6494	0.5896	-1.5302
PBANKA_131370	-0.1836	0.7191	-0.2175	-0.2315	-0.3966	-0.2718	0.0463	0.1312	-0.0072	0.4921	0.4294	0.6901
PBANKA_080640	-0.2965	-0.6522	-0.7601	-0.6343	-0.3469	-0.0274	-0.4344	-0.8103	-1.4562	-0.7577	-0.8482	-0.9534
PBANKA_101290	0.374	0.3229	0.2794	0.5654	0.2549	0.6221	0.3697	0.1048	-0.0704	-0.3661	-0.9191	-0.3049
PBANKA_011200	0.0595	-0.1176	0.0566	0.3959	0.2636	0.488	0.2443	0.3271	0.0616	-0.254	-0.921	-0.8487
PBANKA_134160	0.5694	0.5043	0.4578	0.3977	0.4235	0.8344	0.1688	-0.0934	-0.3192	-0.8058	-0.7367	-0.038
PBANKA_102320	-0.1224	0.5697	0.151	-0.3573	0.1347	0.4908	-0.0863	-0.34	-0.4929	-0.5962	0.034	0.0984
PBANKA_135940	0.2152	0.0667	0.4241	0.0292	-0.1785	-2.1239	-0.0304	-0.4418	-0.401	-0.3635	0.2288	0.7069
PBANKA_113780	-0.3382	-0.1731	0.0728	-0.0338	-0.0377	0.6164	-0.2174	0.0221	-0.277	-0.1397	-0.2259	-0.5931
PBANKA_071350	0.1376	0.3933	0.5927	0.175	0.4234	0.3218	0.1208	0.1351	0.0418	-0.0507	-0.1731	-0.0093
PBANKA_092390	0.1104	0.2784	0.2673	0.2847	0.2172	0.3277	0.1872	0.1449	-0.4431	-0.5787	-0.1608	-0.267
PBANKA_141930	-0.5917	-0.8055	-0.5043	-0.7483	-0.4039	-0.7635	-0.2654	0.2287	0.0294	0.1765	0.2797	0.7215
PBANKA_135380	-0.1649	-0.9425	-0.1866	0.3642	0.1208	-0.1419	-0.2108	0.1307	0.2536	0.3066	0.1967	0.8232
PBANKA_133250	-0.1892	-0.5512	-0.6119	-0.0218	-0.1953	-0.5897	-0.026	-0.592	-0.1459	-0.0394	0.7536	1.1629
PBANKA_082000	-0.1971	-0.5699	0.1612	0.8747	0.1498	0.54	0.4128	0.1055	-0.0366	-0.5144	-0.8916	-0.6989
PBANKA_090500	0.0834	0.8087	0.1805	0.2047	-0.1354	-0.0502	0.2718	-0.2316	-0.7479	-0.3842	-0.2374	-0.0765
PBANKA_030120	-0.4202	-0.2449	-0.255	0.0058	-0.0188	0.5319	0.143	0.0631	-0.1332	-0.0976	-0.0396	0.0616
PBANKA_134190	-0.1877	-0.035	-0.3308	-0.4105	-0.3592	-0.4235	-0.0953	-0.9531	-0.5637	-0.2319	-0.5585	0.4003
PBANKA_090510	-0.2315	0.4351	-0.0457	-0.2701	0.2548	-0.2455	-0.0833	-0.2257	-0.3568	-0.015	0.0358	-0.4716
PBANKA_080980	0.1217	0.2143	0.0249	0.2248	0.147	0.6682	0.1271	0.1169	0.3158	-0.2417	-0.3529	-0.2235
PBANKA_091380	0.3053	0.3202	-0.1423	-0.0276	0.0608	-0.4819	0.0791	-0.1762	-0.2974	-0.3661	-0.4757	0.7663
PBANKA_060320	-0.0845	-0.1608	0.2691	0.297	0.6976	0.2384	0.2388	-0.2193	-0.5317	-0.8069	-0.9309	-0.7356
PBANKA_134070	-0.8327	-0.7569	-1.1654	-0.7616	-0.5728	-0.2881	0.3144	0.5356	1.0058	1.8871	0.5039	-0.0746
PBANKA_130760	-0.262	0.2439	0.0695	0.4068	0.1303	0.3866	0.185	-0.4573	-0.3623	-0.69	-1.1612	-1.6537
PBANKA_136290	0.1579	0.1265	-0.3127	-0.0425	-0.1744	0.0531	-0.1999	-0.6688	-0.5103	-0.6436	-0.5953	-1.1133
PBANKA_142410	0.0268	0.1306	0.2983	0.006	0.0557	0.3052	0.2063	-0.3344	-1.1881	-1.1632	-1.3906	-1.1419
PBANKA_031380	-0.548	-0.4953	-0.261	0.152	0.3776	0.5362	0.2966	0.1447	-0.2351	-0.559	-0.6311	-1.0111
PBANKA_102430	-0.0551	-0.2405	-0.5571	-0.3956	-0.8871	-0.5241	-0.6963	-0.285	0.3642	0.9484	1.0193	1.4027
PBANKA_114150	-0.2782	-0.0801	-0.4014	0.4958	0.2221	0.3093	0.2525	0.5694	0.4016	0.3826	0.4759	0.0581
PBANKA_102510	-0.0811	0.3575	0.3047	-0.09	0.3663	0.4176	0.0609	-0.0758	-0.1912	0.0057	-0.331	-0.425
PBANKA_113820	0.3115	0.7158	0.382	0.0033	0.2729	0.1659	-0.0717	0.0658	-0.0643	-0.1074	-0.0131	0.2572
PBANKA_101030	0.247	0.5833	0.1379	-0.0947	-0.0637	-0.7076	-0.2349	-0.1387	-0.1387	0.2973	0.7351	0.7484
PBANKA_143240	0.4424	0.5119	-0.1254	-0.5533	-0.0328	-0.9402	-0.4804	-0.408	-0.2626	0.1277	0.1444	0.2183
PBANKA_010740	-0.4561	-0.0121	0.0232	0.1431	0.2686	0.1856	-0.2628	-0.4572	-0.7466	-0.8149	-0.1757	-1.1558
PBANKA_092060	0.3358	0.1388	0.1289	-0.1451	0.0327	-0.1634	-0.3126	0.0006	0.1924	0.0584	0.2679	-0.1626
PBANKA_144200	0.0086	-0.1042	0.0887	0.4506	0.0036	-0.0433	0.0189	0.0542	-0.2811	0.5829	-0.8976	-0.0706
PBANKA_136170	0.3477	-0.493	0.2148	0.4889	0.3531	0.5193	0.213	-0.1922	-0.2751	-1.134	-1.2392	-0.641
PBANKA_031020	-0.1798	0.0822	0.0817	-0.0016	0.1763	0.3161	0.0232	0.2045	-0.4979	-0.2702	-0.3815	-0.3352
PBANKA_110560	-0.0637	-0.0101	-0.0827	0.2237	-0.0416	0.5445	0.1344	-0.0552	0.2343	-0.1303	0.325	-0.2994
PBANKA_091280	-0.2618	-0.3162	-0.0287	0.2843	-0.2286	-1.0927	-0.2658	-0.118	0.1359	-0.2485	0.2607	0.1585
PBANKA_091000	0.0134	0.0807	-0.4473	0.3044	-0.564	0.2887	-0.4052	-0.1957	0.4878	0.4107	0.7147	0.6535
PBANKA_110460	0.0927	0.4195	0.0189	-0.025	-0.0378	0.0653	-0.2721	-0.0336	0.1398	0.5717	0.7387	0.9455
PBANKA_051630	0.3889	0.3771	0.3855	0.6013	0.5485	0.51	0.0955	-0.2819	-0.429	-0.7871	-0.4543	-0.7073
PBANKA_102990	0.5101	0.6286	0.2407	0.1765	-0.1707	-0.1494	-0.2242	-0.2941	-0.8428	-0.6601	-0.6048	-0.2506
PBANKA_122560	0.2141	0.0509	0.5153	0.5638	0.2893	0.6892	-0.2884	-0.5941	-0.5374	-0.6745	-0.29	-0.5267
PBANKA_120430	-0.6121	-0.375	-0.0667	0	0.0939	0.3509	0.2243	-0.1987	-0.591	-0.8697	-0.8956	-0.5023
PBANKA_142690	0.42	0.6884	0.0353	-0.121	-0.1446	-0.1386	-0.3003	-0.7842	-0.5525	-0.141	0.4096	0.8885
PBANKA_123000	-0.1834	0.3736	0.5633	0.2509	0.063	0.4328	0.1289	-0.0577	0.0929	0.0697	0.2906	0.0467
PBANKA_040400	0.4091	0.7581	0.3997	0.315	0.1976	0.4312	0.0217	-0.1319	0.3999	0.2428	0.574	0.9094
PBANKA_090880	-1.0134	-0.3766	-0.6471	-1.2106	-0.2802	-0.3465	-0.0666	0.1846	-0.1596	0.3039	-0.2663	-0.2602
PBANKA_030360	-0.1333	1.0722	-0.0938	-0.0181	-0.1939	-0.2169	0.0475	-0.2725	-0.3978	-0.1036	0.5147	-0.1001
PBANKA_092570	-0.3349	-0.379	-0.0704	-0.1214	0.0299	0.0285	-0.0259	0.3416	0.104	0.1883	0.1283	0.0808
PBANKA_092500	0.1393	-0.2584	-0.0334	0.0187	-0.0383	0.2286	0.1475	0.1994	0.5299	0.4883	-0.3553	-0.3411
PBANKA_090790	0.0677	-0.1767	0.1748	-0.0523	-0.1075	0.3707	0.0737	0.1322	0.0686	0.4299	0.8937	0.2574
PBANKA_090120	-0.3881	-0.3968	0.098	0.2651	0.372	0.7692	0.37	0.0624	-0.0406	-0.4962	-0.7658	-0.2638
PBANKA_121860	-0.3136	-0.4881	0.0152	0.1137	0.3072	0.4228	0.168	-0.2642	-0.1305	-0.4367	-0.2019	-0.2865
PBANKA_081650	0.1252	0.4722	-0.1141	-0.0595	0.0636	0.3234	-0.2674	-0.2202	-0.3414	-0.2891	-0.3434	-0.2243
PBANKA_083380	-0.0833	-0.0246	0.0308	0.0034	-0.0033	-0.3473	0.2039	0.0738	0.3424	0.3625	0.0157	-0.0574
PBANKA_131480	0.1231	1.0139	0.3846	-0.3076	0.623	-0.1677	-0.8542	-0.9928	-1.7602	-1.7487	-0.8602	-1.1172
PBANKA_146110	-0.831	0.0014	-0.5101	-0.6585	-0.3165	-0.3074	-0.0313	-0.2933	-0.1664	0.1837	0.4504	1.0236
PBANKA_092960	0.2832	0.2224	-0.107	-0.15	-0.5399	-0.0669	-0.2735	-0.3431	-0.2464	-0.0091	0.6902	0.8288

PBANKA_124520	-0.3834	-0.469	0.0263	0.0653	0.2418	0.3664	0.1838	-0.0859	-0.0799	-0.1854	1.0207	1.4377
PBANKA_112660	-0.456	-0.7503	-0.0638	0.1644	0.0329	0.5929	0.2598	-0.2657	-0.0753	-0.4793	-0.9537	-0.4863
PBANKA_142660	-0.9592	-0.8782	-1.0302	-0.714	-0.1857	-0.2441	0.3313	0.547	0.8189	0.8783	0.4714	0.0089
PBANKA_093770	0.5707	0.878	0.454	0.2084	0.0606	-0.0206	-0.0337	-0.2403	-0.5798	-0.7797	-0.5249	0.0233
PBANKA_081280	-0.2538	0.3298	-0.0483	0.1138	-0.0422	0.1211	-0.2	-0.1863	-0.4101	-0.7181	-0.7827	-0.3038
PBANKA_110210	0.1991	1.7048	-0.0653	-0.0323	0.2862	0.4294	-0.0216	0.2509	0.5365	0.2993	0.6515	0.6524
PBANKA_010290	-0.6675	-1.108	-0.6533	-1.038	-0.3746	-0.3772	0.3349	0.8887	1.0571	1.2739	0.336	-0.4641
PBANKA_112530	-0.1471	0.0952	0.0066	-0.0434	0.1683	0.0682	0.2997	0.0884	0.1483	0.3305	0.0399	0.3474
PBANKA_131160	0.3367	-0.3192	0.2937	0.1257	0.0892	-0.0517	-0.0306	0.4927	0.5714	0.3545	0.4024	0.4238
PBANKA_135760	-0.2223	0.8634	-0.1537	-0.7418	-0.1197	0.0132	0.1401	-0.1885	-0.0548	-0.0803	0.3017	0.1448
PBANKA_124460	0.0172	0.8278	0.43	0.0446	0.1478	0.0494	0.1368	-0.0701	-0.351	-0.2916	-0.4991	-0.0531
PBANKA_083150	0.0161	0.6151	0.0432	0.0252	0.0237	0.0712	0.0224	-0.0285	-0.2042	-0.3237	0.0713	-0.3737
PBANKA_131440	0.4914	-0.0181	-0.0876	-0.1321	-0.0459	-0.4228	-0.2596	0.0016	0.209	0.2772	0.3394	-0.1261
PBANKA_011100	-1.0333	-0.8637	-0.9872	-0.6491	-0.3788	0.2536	0.595	0.7177	0.9794	1.3513	0.3347	0.1344
PBANKA_132980	-0.9852	-0.2908	-0.1371	-0.1633	-0.0312	0.5627	0.056	0.0797	0.2625	0.4375	1.0506	1.2511
PBANKA_050750	-0.0677	0.5475	0.1738	0.0265	0.2051	0.2262	-0.0464	-0.2826	-0.6758	-0.4375	-0.3612	-0.5896
PBANKA_143280	0.3095	0.8178	-0.2904	0.0592	-0.2291	-0.5606	-0.5045	-0.2493	0.1153	0.5998	0.4933	1.4118
PBANKA_146130	-0.4152	0.4105	-0.4027	-0.0938	-0.2076	-0.2636	-0.2573	-0.4721	0.496	0.5445	1.2883	1.3452
PBANKA_061090	0.4334	0.1796	0.2873	0.0007	0.0374	-0.14	-0.498	-0.8033	-0.7098	-0.8397	-0.786	-0.113
PBANKA_140370	-0.3221	-0.0672	0.0406	0.0393	0.2129	-0.1589	-0.3727	-0.5133	-0.7227	-1.0896	-0.0941	-0.9116
PBANKA_123720	-0.3553	-0.4133	-0.0774	0.0351	0.2613	0.3575	0.0398	-0.3214	-0.5011	-0.8117	-1.0817	-0.9705
PBANKA_145240	-0.254	0.1972	-0.1408	0.1164	0.3262	0.6921	0.3988	0.3418	0.0093	0.0112	0.1071	0.0708
PBANKA_145270	-0.3412	-0.1737	-0.1752	0.1679	-0.0666	-0.6894	-0.006	0.5028	0.7315	1.024	0.8312	1.0871
PBANKA_100270	0.017	-0.5104	-0.3594	-0.8685	-0.4279	-0.4706	-0.339	-0.0791	0.281	0.4469	0.8169	1.4351
PBANKA_080850	0.5413	0.7251	0.3149	0.7137	0.3725	0.7184	0.3394	0.2468	-0.1354	-0.1356	-0.481	0.1281
PBANKA_021290	-0.5377	-0.0385	-0.0954	0.2121	0.0955	0.2804	0.4816	0.1795	0.0545	-0.1663	-0.5581	-1.056
PBANKA_111910	0.2034	-0.0393	0.1431	0.2443	0.3908	0.335	0.2856	0.031	0.2131	-0.0266	0.0016	0.3451
PBANKA_112310	-0.495	-0.555	-0.4315	-0.1149	0.0599	0.1377	0.6381	0.5001	0.3673	-0.0709	-0.4627	-0.4614
PBANKA_020740	-0.0675	-0.0842	0.1572	-0.1579	0.1712	0.2868	0.0195	0.072	-0.4535	-0.1722	-0.4676	-0.5005
PBANKA_134200	-0.2799	-1.3052	-0.2369	-0.0696	0.336	0.5434	0.0062	0.4393	0.3338	0.0083	-0.6125	-1.288
PBANKA_132160	0.0933	0.491	0.1005	0.1007	0.0883	0.1488	0.0237	0.3128	-0.0913	-0.0482	-0.2228	-0.0425
PBANKA_121580	0.3518	0.11	0.2093	0.3168	0.122	0.1267	0.1097	0.0086	0.0285	-0.0544	-0.3108	0.14
PBANKA_050370	-0.2708	-0.1914	-0.0027	0.0009	0.1018	0.5355	0.2816	0.0719	0.0536	0.0275	-0.0358	0.1392
PBANKA_062350	-0.4505	0.3951	-0.7617	-0.8711	-0.9775	-0.8232	-0.9086	-0.2074	0.3987	0.9766	1.2333	1.838
PBANKA_132190	-0.7931	-0.1834	0.189	0.2999	0.0654	0.3414	0.0807	-0.2509	-0.251	-0.1876	-1.118	-0.7317
PBANKA_135920	0.9023	-0.205	0.4883	0.2003	-0.0019	-0.2744	-0.5692	-1.1375	-0.8343	-0.9511	-0.3918	0.0152
PBANKA_030820	0.4047	-0.5081	0.0165	0.4455	0.3773	0.7114	-0.6025	-0.0376	0.0367	-0.1079	0.9102	0.7248
PBANKA_020620	0.2827	-0.342	-0.143	0.2742	0.1653	-0.1922	0.1343	-0.1868	-0.3278	-0.5162	0.313	-2.1716
PBANKA_142020	0.0632	0.5408	0.1911	0.0135	0.1973	0.6221	-0.2776	-0.011	-0.3237	-0.3512	-0.1352	-0.3196
PBANKA_103290	-0.2229	-0.4027	-0.6004	-0.2699	-0.1012	0.1665	0.4564	0.4995	0.5715	0.4363	0.2286	-0.1312
PBANKA_040540	0.0601	0.5687	0.3855	0.5725	0.3402	0.1187	-0.4691	-0.6489	-0.8569	-1.4183	-0.7119	0.0665
PBANKA_140800	0.1302	0.3731	0.164	-0.0553	-0.1773	0.4591	-0.0292	-0.1259	-0.3087	-0.1029	-0.1554	0.2563
PBANKA_080460	0.6916	0.6808	0.7535	0.5473	0.2544	0.3001	0.1087	-0.2923	-0.2564	-0.2724	-0.1355	0.6512
PBANKA_113750	-0.5667	-1.5267	-0.5189	-0.3409	0.0235	-0.3092	-0.0982	0.1837	0.4117	0.5646	0.1797	0.6248
PBANKA_142610	0.1223	-0.3269	0.277	0.0703	0.3161	0.5929	-0.1126	-0.3202	-0.7254	-0.5582	-0.5265	-0.6941
PBANKA_040970	-0.1179	-0.6007	-0.6972	-0.1404	-0.2911	-0.131	0.0115	0.3514	0.0265	0.121	1.0524	0.6498
PBANKA_144870	0.5395	-0.2143	0.2207	0.436	-0.1986	0.0607	-0.2341	-0.0035	0.2248	0.3249	0.3601	0.3302
PBANKA_061390	-0.1	0.5273	0.0317	0.2465	-0.2883	-0.1072	-0.6068	-0.2482	0.3613	0.5377	1.0968	1.4521
PBANKA_124030	0.0208	0.6996	0.1829	-0.0581	0.2897	0.1761	0.0335	-0.1554	-0.0127	0.1752	0.255	0.6503
PBANKA_051720	1.004	0.8922	0.4317	0.6051	-0.0114	-0.0309	-0.2693	-0.6135	-0.6286	-0.8081	-0.8511	-0.1613
PBANKA_120120	-0.2195	0.01	0.0913	-0.2141	-0.072	0.4331	-0.1886	-0.1157	0.1569	-0.0092	-0.5614	-0.1851
PBANKA_123360	-0.327	-0.8101	-0.9635	0.0883	-0.6495	-0.3022	-0.3399	-0.152	0.5157	0.7203	1.4275	1.5719
PBANKA_123610	0.0634	-0.8347	-0.1303	-0.2084	-0.7386	-0.2821	-0.872	-0.2959	-0.851	-0.755	-0.4648	-0.7402
PBANKA_051960	0.061	0.2784	0.0547	0.0684	0.1267	-0.0956	0.1489	-0.2518	-0.5554	-1.1242	-1.2748	-1.3386
PBANKA_080520	0.1234	0.3882	0.1405	-0.0675	-0.1432	-0.4266	-0.2969	-0.4232	-0.336	-0.333	0.3306	-0.0608
PBANKA_071550	-0.7136	-0.5041	-0.6353	-0.1567	0.0253	-0.0126	0.3556	-0.16	0.0082	-0.0615	-0.8357	-1.2968
PBANKA_071290	0.2775	0.2413	-0.2264	-0.3244	-0.4079	-0.7779	-0.2569	-0.1618	0.4224	0.7581	1.2083	1.4058
PBANKA_142870	1.0637	0.3828	0.3554	0.2032	0.2472	-0.2199	-0.7791	-0.7131	-0.9164	-0.566	-0.3123	-0.6321
PBANKA_061440	0.1019	0.778	0.0763	-0.0468	0.119	-0.0633	-0.1411	-0.5084	-0.1987	-0.2018	-0.1276	-0.5659
PBANKA_113840	0.2991	-0.9472	-0.1171	0.2352	-0.2297	0.2139	0.1371	0.8502	0.1362	0.2946	-0.4233	-0.1096
PBANKA_103910	0.6945	0.0861	0.5748	0.3788	0.3043	-0.6298	-0.107	-0.3921	-0.3614	-0.6287	-0.3815	-0.3738
PBANKA_145600	0.2246	0.0731	0.467	0.5783	0.6148	-0.6659	-0.0728	-0.3243	-0.3661	-1.1053	-1.1683	-0.8679
PBANKA_020810	0.2826	0.6553	0.3953	0.4289	0.0987	-0.0936	-0.2523	-0.4618	-0.8092	-0.5562	-0.4521	-0.4465

PBANKA_100500	0.3433	0.6145	0.1593	-0.0451	-0.3389	-0.2892	-0.4734	-0.5557	-0.8541	-0.1134	0.8742	0.9901
PBANKA_100240	-0.3829	-0.5417	-0.2644	-0.3263	-0.0261	-0.8356	0.4108	0.5275	0.5681	0.9004	0.5366	0.5382
PBANKA_090580	0.0471	-0.1641	-0.2344	0.1793	0.1592	0.3072	0.384	0.1814	0.0718	-0.1515	-0.6401	-1.0586
PBANKA_132670	-0.1109	0.6488	0.159	-0.0795	0.1105	-0.2937	0.1532	-0.1958	-0.1615	-0.257	-0.3551	-0.5
PBANKA_051535	-0.1004	0.2814	0.0534	0.377	0.0051	0.6164	0.4107	0.3814	0.1495	0.1674	0.2588	0.0579
PBANKA_041780	-0.9429	-0.4052	-1.1528	-0.7528	-0.6358	-0.4448	0.0573	0.6123	0.8923	2.0544	-0.2194	-0.5149
PBANKA_133550	0.1599	0.1891	0.0558	0.7209	-0.1656	0.617	-0.3481	-0.1489	-0.0644	-0.2631	-0.0949	-0.4565
PBANKA_110820	-0.246	-0.0957	-0.1728	-0.2713	-0.1255	0.1162	0.1111	0.2412	0.5401	0.6898	-0.1388	-0.8999
PBANKA_140190	0.0331	0.0369	-0.1106	-0.0512	-0.4102	0.0566	0.1238	-0.3927	0.3765	0.3683	0.7169	1.3102
PBANKA_135200	0.2911	0.4738	0.5036	0.3803	0.6738	0.2141	-0.0968	-0.6551	-1.1715	-1.3178	-1.1158	-1.3829
PBANKA_121390	0.3062	-0.6879	0.2668	0.4165	0.6496	0.7165	0.2968	0.1308	-0.077	-0.6691	-0.5402	-0.5631
PBANKA_040780	0.5743	0.5654	0.296	0.0991	0.0952	-0.2757	-0.124	0.1487	-0.221	-0.1511	-0.5445	-0.311
PBANKA_113150	0.0022	-0.5379	0.1454	0.1128	0.3228	0.0662	0.3167	0.4996	0.0581	-0.0025	-0.3823	-0.3071
PBANKA_010500	-0.3285	0.1598	-0.2947	-0.0972	-0.0372	-0.0423	0.5034	0.5208	0.1411	0.0519	-0.1874	-0.0079
PBANKA_070810	-0.3886	-0.1538	0.053	0.1976	0.2813	0.1564	0.1288	0.139	0.303	0.2821	0.3438	1.1114
PBANKA_134010	-0.1991	0.0525	-0.2551	0.2724	0.518	0.4502	0.0651	-0.3325	-0.6468	-1.0367	-1.373	-1.3235
PBANKA_091220	0.6852	0.4172	0.3916	0.2767	0.375	-0.9351	-0.0106	-0.4836	-0.854	-0.8455	-0.7466	-0.6872
PBANKA_111340	-0.2172	-0.1696	-0.3131	0.1961	-0.1429	-0.7878	0.071	0.1856	0.4778	0.6924	0.5166	0.1406
PBANKA_100520	0.3207	-0.0281	0.2502	0.3244	0.1208	-0.3045	0.3944	-0.0679	-0.0274	-0.415	-1.0074	-0.5939
PBANKA_021150	-0.1109	0.2796	0.4649	0.5316	0.5297	0.3829	0.213	-0.5041	-0.777	-0.5688	-0.9549	-1.378
PBANKA_123060	-0.0069	-0.3478	0.0279	0.4583	0.0946	0.2148	-0.0551	-0.4214	0.176	-0.0178	0.1096	-0.6977
PBANKA_103740	-0.6974	-0.9113	-1.1501	-0.5541	-0.999	-0.2204	-0.1663	0.2885	0.7855	1.3425	1.2882	1.4664
PBANKA_114280	0.2078	0.076	0.351	-0.1494	0.1111	-0.1532	-0.4068	-0.6417	-0.7363	-0.9654	-0.7125	-0.5969
PBANKA_134410	-0.1185	-0.1468	-0.1104	-0.1754	-0.3041	-0.5727	-0.018	0.301	-0.0289	0.0634	0.2303	-0.5197
PBANKA_051940	-1.7473	-1.1634	-1.8818	-1.2296	-0.7876	0.0161	0.63	1.0691	1.0718	1.0493	0.2022	-0.4405
PBANKA_090360	-0.0572	0.3407	0.1834	0.1835	0.0822	0.625	0.1412	-0.0484	-0.2299	-0.0974	0.1751	-0.2281
PBANKA_100930	-0.6821	0.8636	0.2102	0.2143	0.3671	0.0996	-0.1727	-0.0601	-0.0852	-0.1344	0.2478	0.2224
PBANKA_140870	-1.1239	-0.6178	-0.9541	-0.2796	-0.3385	0.1695	0.364	0.4237	1.2372	1.2274	0.7305	0.3839
PBANKA_090660	-0.9245	0.1771	0.3827	0.2672	0.3959	0.4466	-0.089	0.0624	-0.0313	0.1177	0.0274	0.4113
PBANKA_146330	0.0205	0.284	-0.4415	-0.0343	-0.314	-0.3535	-0.2036	0.0211	0.5507	0.7747	1.1813	1.4155
PBANKA_113830	-0.0662	-0.1605	-0.1991	0.2574	0.0738	-0.09	-0.0005	-0.4774	-0.04	-0.0701	-0.168	-0.5833
PBANKA_130800	-0.1423	-0.0323	0.0846	-0.2296	-0.0489	-0.0735	0.1047	0.3705	0.4349	0.5431	0.4359	0.2728
PBANKA_121590	0.0798	0.5245	0.1101	0.0402	0.2166	-0.08	0.1819	0.1559	0.153	0.2414	-0.2652	0.1955
PBANKA_124100	0.1801	0.6843	0.22	0.164	0.2282	0.3711	-0.0131	-0.0828	0.0342	-0.1848	0.2547	0.1133
PBANKA_020990	0.3783	0.4232	0.1589	-0.0749	0.1645	0.3658	-0.1646	-0.9496	-0.9934	-1.1612	-1.1127	-0.7847
PBANKA_060490	-0.2633	-0.849	-0.5921	-0.3233	-0.4267	-0.1799	0.2315	0.9405	0.7718	1.2934	0.4754	-0.4548
PBANKA_136260	0.5439	0.6306	0.1605	0.554	0.0089	-0.0726	-0.1182	-0.3825	-0.305	-0.1295	0.1681	0.1213
PBANKA_124620	0.5354	0.7766	-0.0212	0.4942	-0.0271	-0.0363	-0.1236	-0.0768	0.1995	0.3313	1.4622	0.5955
PBANKA_062290	-1.5558	-1.145	-1.9139	-1.5335	-1.7936	-1.1478	0.3248	0.8983	1.6352	1.5026	0.9718	0.3571
PBANKA_134270	0.3134	-0.2267	-0.0337	0.0648	0.2131	-0.3209	0.2013	0.4834	0.6644	0.5836	0.0762	0.1953
PBANKA_143730	-0.2953	-0.1159	-0.0353	0.4977	0.3688	0.4964	0.3014	-0.0583	-0.4225	-0.5541	-1.3973	-1.3059
PBANKA_081590	-0.2112	0.026	-0.1442	0.0138	-0.7337	0.3591	0.4941	0.4964	0.6175	0.447	-0.054	-0.6158
PBANKA_071260	-0.6457	-0.4182	-0.0911	0.1184	0.376	0.5309	0.7081	0.3737	-0.3889	-0.4836	-1.6674	-0.9251
PBANKA_101470	-0.4232	-0.3032	-0.5673	-1.0069	-0.1637	-0.1679	-0.2157	0.2483	-0.7286	-0.2082	-0.5148	-0.6022
PBANKA_141890	-0.1017	0.2735	0.1562	0.0443	0.0668	-0.1998	-0.0858	-0.0751	-0.6016	-0.6541	-0.7316	-0.383
PBANKA_134780	0.2844	0.3601	0.1217	0.0866	0.0761	0.1561	-0.0043	-0.4445	-0.3822	-0.506	-0.4004	-0.0525
PBANKA_021110	0.1647	0.6479	0.0449	-0.0516	-0.0126	0.6335	-0.0163	-0.077	0.0318	-0.1054	0.029	-0.5795
PBANKA_093200	-0.6293	-0.2948	-0.4717	-0.2794	-0.1656	0.2124	-0.1435	0.3393	0.5409	0.7895	1.2802	0.5049
PBANKA_080710	0.5622	-0.0387	0.4047	0.5836	0.2283	0.4542	0.2364	0.0447	-0.2557	-0.6342	-0.4775	0.0556
PBANKA_133110	-1.0131	0.068	-0.4494	-0.0863	0.0168	0.2133	0.5034	0.3208	-0.04	-0.0379	-0.3321	-0.3428
PBANKA_091190	-0.0592	0.2658	0.3009	0.2147	0.1138	0.1835	-0.0215	-0.0087	0.004	-0.1334	-0.4875	-0.462
PBANKA_112060	0.6918	0.6448	0.3506	0.6384	0.0664	-0.1232	0.0376	-0.6506	-0.6707	-0.5994	0.0592	-0.2694
PBANKA_114400	0.0626	-0.0578	0.1185	0.5227	0.2626	0.3743	0.2608	0.1074	-0.3889	-0.3417	-0.7575	-1.1621
PBANKA_142780	-0.0141	-0.106	0.148	-0.128	0.1268	0.3527	0.0901	0.1361	-0.0814	-0.0239	-0.0566	-0.223
PBANKA_101940	0.5359	0.3789	0.2486	0.3176	-0.0128	0.2879	0.0712	0.1066	-0.1256	-0.3614	-0.704	-0.3321
PBANKA_140920	-1.5419	-1.3447	-1.4872	-1.0163	-0.6814	-0.5444	0.3255	0.6271	1.2642	1.4512	1.0822	0.7893
PBANKA_091910	-0.0626	0.1652	-0.191	-0.2589	-0.3313	0.0667	0.0334	-0.0437	0.3751	0.8249	0.8645	1.4784
PBANKA_080880	0.2533	-0.4584	0.0129	0.677	0.3695	0.2719	-0.2609	-0.1361	-0.2831	-0.6004	-0.8144	-0.9556
PBANKA_051850	-0.9253	-0.2765	-0.6729	-0.8494	-0.2052	-0.1883	0.0554	0.2992	0.4862	0.359	0.6381	0.5065
PBANKA_131540	-0.9037	-0.7762	-0.5489	-0.0268	0.0874	0.1647	0.3621	0.2124	0.2063	0.2665	-0.2864	-0.5289
PBANKA_072130	0.2576	0.3133	0.0536	0.2873	-0.4181	0.4608	-0.1653	-0.3063	0.0924	-0.0753	-0.2645	0.4284
PBANKA_130060	-0.2145	-0.0135	0.1739	0.028	-0.1062	0.1369	0.0285	-0.3678	-0.1704	0.1122	-0.2087	0.1389
PBANKA_131930	-0.3803	-0.1437	-0.4619	-0.3564	0.066	-0.1115	0.0675	0.1421	0.0752	0.5455	-0.083	-0.3133

PBANKA_030500	-1.8405	-1.2351	-1.8243	-1.2467	-0.4864	-0.0087	0.6745	1.1619	0.8983	1.2539	0.5243	-0.4295
PBANKA_111690	-0.5793	-0.438	-0.4238	-0.3602	-0.1438	0.0054	0.0214	0.1777	0.3133	0.4525	0.0768	-0.2782
PBANKA_121300	0.3603	-0.0027	0.0415	0.3135	0.1502	-0.4336	-0.1817	-0.0485	0.1257	0.4616	0.3792	0.3869
PBANKA_041610	-1.068	-0.4181	-0.4198	-0.3376	-0.1875	-0.8742	-0.073	0.505	0.943	1.1735	0.7536	0.2208
PBANKA_120660	-0.4426	0.1121	0.2368	-0.1467	0.5836	0.2153	-0.2468	-0.3955	-0.8393	-1.0388	-0.7513	-1.2275
PBANKA_062080	-0.4447	0.4082	-0.0345	-0.4845	-0.3318	-0.2935	-0.5976	0.311	0.0708	0.3643	1.0051	0.1896
PBANKA_090330	-0.054	0.7174	-0.1548	0.2182	0.3353	0.0972	-0.0329	0.0513	0.1362	0.1096	-0.0647	0.0244
PBANKA_144550	0.4351	-0.0842	-0.0315	-0.0683	-0.0921	-0.2502	-0.2203	-0.1439	-0.3325	-0.0758	0.9165	0.4305
PBANKA_111440	0.1789	0.7059	0.0858	0.1016	-0.1985	-0.1433	-0.0096	0.4134	-0.1385	0.2186	0.5525	0.6026
PBANKA_040530	-0.1117	0.1996	0.273	-0.0488	0.3391	-0.2125	-0.3872	-1.0316	-1.1427	-1.3433	-0.1367	-0.1003
PBANKA_093950	-0.9675	-1.5625	-0.461	-0.0663	-0.0449	-0.1611	0.2825	0.3178	0.18	-0.3054	-0.6084	-0.3108
PBANKA_050630	0.3196	0.1088	0.0456	-0.0406	0.212	0.1502	-0.3541	-0.1592	0.2345	0.4956	0.868	0.8008
PBANKA_031150	-0.4314	0.0935	-0.6414	-0.5463	-0.4286	-0.3033	0.0777	0.1698	0.8163	0.9837	0.7745	0.9051
PBANKA_144170	0.0909	0.6176	0.1932	0.2329	-0.5344	0.1907	0.1631	-0.1149	-0.4395	0.0305	0.5944	0.8988
PBANKA_130490	0.1821	0.516	0.2458	-0.0272	0.0239	-0.2893	-0.4119	-0.5738	-0.1483	-1.0115	-0.2717	-0.4746
PBANKA_060890	0.2491	-0.9631	0.1122	0.3712	0.0998	0.339	-0.0272	-0.2052	-0.3991	-0.4766	-0.2482	-0.7007
PBANKA_102780	0.4473	0.196	0.3075	0.5343	0.0576	0.4936	0.0299	-0.1851	0.3648	0.0276	-0.1188	0.0541
PBANKA_010020	0.0203	0.4057	0.3565	0.422	0.4419	0.4024	-0.2429	-0.6694	-0.6972	-0.8111	-0.2444	-0.4715
PBANKA_100140	0.2402	0.3071	-0.0918	-0.0236	0.1184	-0.139	-0.1453	-0.3752	-0.3975	-0.2839	-0.2431	-0.7173
PBANKA_020210	0.6348	-0.5919	0.1303	0.8951	0.3892	0.552	-0.4093	-0.7344	-0.734	-0.7125	-0.4033	-0.9285
PBANKA_020940	0.2671	-0.0011	0.3281	0.2574	0.2278	0.4548	0.0189	-0.1884	-0.088	-0.521	-0.6629	0.299
PBANKA_083450	-0.387	-0.0425	0.0095	0.19	0.162	-0.0011	0.3131	0.3083	0.1012	-0.1195	-0.1552	0.0326
PBANKA_052260	0.5278	0.613	0.3944	0.4795	0.2422	0.384	-0.0461	-0.0646	-0.0097	-0.1569	-0.1296	-0.4473
PBANKA_094040	0.1762	0.6824	0.2026	-0.168	-0.6573	0.1242	-0.3548	-1.034	-0.9613	-0.9252	-0.3407	-1.2481
PBANKA_133750	-0.065	0.2858	0.0112	-0.0036	0.1172	0.1819	-0.0647	0.1482	0.2307	0.2561	0.2301	0.0691
PBANKA_123160	0.2638	-0.0522	-0.1281	0.0491	-0.2565	-0.4863	-0.315	0.0543	0.2762	0.701	1.0231	0.9631
PBANKA_041440	0.258	0.4242	0.1773	0.325	0.0225	-0.0999	-0.0538	-0.175	-0.572	-0.4941	-0.5972	-0.3192
PBANKA_070060	0.7238	0.6542	0.3273	0.222	0.1837	0.2137	-0.3868	-0.2749	-0.0851	-0.0883	0.3777	0.4297
PBANKA_061430	-0.6554	-0.4606	-0.1777	-0.167	-0.0352	0.5943	0.6179	0.0446	0.2152	-0.0905	-0.3362	-0.6281
PBANKA_120730	0.8157	-0.6165	0.1121	-0.09	0.0195	0.055	-0.3409	-0.2243	-0.6747	-0.7036	-0.5428	-0.3256
PBANKA_060750	0.2611	0.1933	0.5684	0.2176	0.3352	0.0781	0.1293	-0.1945	-0.8667	-1.0219	-1.1533	-0.718
PBANKA_112680	-0.274	-0.1345	-0.1539	-0.231	-0.0896	-0.2228	0.0793	0.3846	0.4091	0.6462	0.6357	0.06
PBANKA_031030	-0.2951	0.2026	0.0381	0.1864	0.2724	-0.4076	0.4885	0.151	0.026	-0.0676	-0.2914	-0.2205
PBANKA_114300	-0.0777	0.7236	-0.0242	-0.4668	0.0069	-0.5765	-0.631	-0.5116	-1.029	-0.7416	-0.761	-1.1843
PBANKA_144690	0.089	-0.5783	-0.009	0.2363	0.3152	0.4884	0.4494	0.3462	-0.4381	-0.4752	-0.8655	-1.2142
PBANKA_142490	0.0501	0.4704	0.3565	0.3623	0.1672	-0.0491	-0.0059	-0.5493	-0.4953	-0.313	-0.1312	0.3436
PBANKA_062310	0.4865	0.7394	-0.0469	-0.3296	-0.0997	-0.0332	-0.4152	-0.103	0.1904	0.7796	0.2007	0.2659
PBANKA_093060	-0.5132	0.2569	-0.1142	-0.1309	-0.0545	-0.1502	-0.4528	0.2109	0.0038	0.1157	0.1042	-0.402
PBANKA_092440	-0.0932	-0.6108	-0.0675	-0.0404	0.1211	-0.1463	-0.5241	-0.7144	-0.1783	-0.2111	0.2799	1.0467
PBANKA_111610	-0.1647	0.2841	0.215	0.9193	0.2383	0.343	0.0696	-0.0021	-0.3197	-0.1441	-0.0355	-0.5538
PBANKA_133450	0.4656	0.7727	0.4904	0.356	0.3623	0.0022	0.2848	-0.0988	-0.2629	-0.4961	-0.8265	-0.3582
PBANKA_113920	0.1872	0.0353	-0.112	0.1961	-0.0995	0.4923	0.1025	0.0711	-0.1368	-0.2961	-0.2051	-0.2814
PBANKA_143710	-0.3803	-0.8043	-1.095	-0.9301	-0.8006	-0.484	-0.8676	0.0253	0.4779	0.8735	1.4499	1.675
PBANKA_122080	-0.1649	-0.786	-0.3741	-0.1961	-0.1771	0.2536	0.4564	0.6619	0.9109	1.0353	-0.1808	-0.602
PBANKA_052310	-0.3816	0.7273	-0.1653	-0.4656	0.1424	-0.6021	-0.157	-0.4111	-0.7196	-0.2328	0.2724	0.3419
PBANKA_093890	0.2327	-0.0346	-0.0569	-0.4019	-0.2206	0.3201	-0.4486	-0.7856	-0.0403	0.1872	-0.806	-0.2435
PBANKA_080530	-0.0296	0.3203	-0.0578	0.2462	0.1213	0.0853	-0.0623	-0.1009	0.1669	-0.0782	-0.5521	0.2466
PBANKA_143250	0.4621	0.5272	-0.1336	-0.2557	-0.115	-0.4118	-0.2123	-0.2605	0.3117	0.7324	0.9092	1.3472
PBANKA_140110	0.2732	0.2691	0.065	-0.2872	0.0015	0.108	-0.1867	-0.3465	-0.5486	-0.246	0.0731	1.0119
PBANKA_101260	-0.0626	0.8833	0.1095	0.0206	-0.0933	0.7675	0.1975	0.181	0.0494	-0.176	-0.6492	0.0556
PBANKA_110750	0.1028	-0.1006	0.0983	0.2231	0.0991	0.1335	-0.2501	-0.2592	-0.3507	-0.8409	-0.8797	-0.343
PBANKA_083410	0.1057	0.1804	0.2678	0.1871	0.2105	0.4871	0.1606	0.182	0.2252	0.2328	0.3485	0.5821
PBANKA_124180	-0.8739	-0.2932	-0.7205	-0.1609	-0.0389	0.0506	0.5294	0.625	0.442	0.5319	0.2082	-0.0296
PBANKA_061820	0.4808	0.6138	0.4099	0.2495	0.2121	0.2505	-0.1714	-0.0409	0.0518	-0.3302	-0.3739	-0.2543
PBANKA_071020	-0.0936	-0.2151	0.1059	-0.1334	0.1465	-0.8721	0.2969	-0.0033	0.1224	-0.2332	-0.2731	0.4171
PBANKA_060450	0.2442	0.5681	-0.0686	-0.1735	-0.1842	-0.1123	-0.4892	-0.1872	0.2959	0.567	0.4879	0.9143
PBANKA_122900	0.3568	1.0965	0.2911	-0.3765	-0.1672	-0.2992	-0.8388	-0.5281	-0.326	0.2074	0.9557	1.2683
PBANKA_112600	0.065	0.0964	-0.1914	0.0238	0.1176	0.3921	0.1581	0.1884	0.0267	-0.1125	-0.1211	-0.1509
PBANKA_062040	-0.5696	-0.3687	-0.3061	0.0155	0.0419	0.2699	0.4221	0.2447	0.2274	0.2786	0.8362	0.3795
PBANKA_133590	-0.1268	-0.1615	0.1092	0.0627	0.3761	0.425	0.5804	0.3676	-1.6258	-0.1561	-0.5854	-0.3612
PBANKA_041120	0.2434	0.6077	0.2193	-0.2345	-0.0499	-0.573	0.2548	0.7735	-0.0508	-0.2294	-0.1779	-0.6554
PBANKA_093810	0.3549	0.2523	0.2366	0.1906	-0.1957	0.2991	-0.16	-0.5438	-0.5656	-0.6231	-0.1762	0.0526
PBANKA_092550	0.135	0.0145	0.3847	0.5368	0.2737	0.146	0.0029	-0.2101	0.0561	-0.0408	0.0249	0.1075

PBANKA_031220	0.0704	-0.0031	-0.3101	-0.0879	-0.7058	-0.0609	-0.5272	-0.1432	-0.3596	-0.2569	0.1555	0.0652
PBANKA_051780	-0.0773	-0.4197	0.1296	-2.7875	-0.5794	-0.7369	-0.7402	-0.7353	-1.2172	-0.6245	-0.8691	-0.8509
PBANKA_102850	0.0061	-0.5938	-0.3928	-0.3995	-0.5257	-0.9558	-0.1932	0.0062	0.4263	0.6363	0.4224	0.3072
PBANKA_040660	-0.7377	-0.4331	-0.8703	-0.6955	-0.5377	-0.6854	0.1922	0.2647	0.9977	0.8567	0.2244	0.8153
PBANKA_010150	0.209	-0.4795	-0.267	0.0506	-0.0284	0.2204	-0.3765	-0.3751	-0.3366	-0.1798	0.3008	-0.2046
PBANKA_060590	0.4413	0.0099	0.2941	-0.2511	0.0146	0.6165	0.2568	-0.7514	0.3099	0.1672	0.0857	0.0663
PBANKA_051320	-0.0599	0.6127	0.1615	-0.0858	-0.1571	-0.274	-0.1117	-0.3858	-0.0111	0.0384	0.4083	0.9759
PBANKA_070860	0.0369	0.7084	0.3964	0.428	-0.2159	0.4655	0.1019	-0.13	-0.0512	-0.4558	-0.0457	-0.3335
PBANKA_100410	-0.036	-0.0152	0.1727	0.0824	0.1165	0.1857	-0.0293	0.0183	0.076	0.1901	0.0765	-0.1281
PBANKA_060300	-0.1126	-0.5452	0.5215	0.5573	0.1234	0.2808	0.2232	-0.0669	0.0793	-0.1722	-0.2017	-0.047
PBANKA_145000	-0.1951	-2.0161	-0.4816	-0.3429	-0.2234	-0.6984	-0.1595	-0.245	-0.073	0.1074	-0.2469	0.2152
PBANKA_020130	0.2823	0.6196	0.0689	0.0451	0.2949	-0.5961	0.0564	-0.0335	-0.3608	-0.5108	-0.135	0.0954
PBANKA_091200	0.3122	0.612	0.1165	0.0576	-0.0865	0.0827	-0.3403	-0.5341	0.1986	0.4181	0.7328	1.5385
PBANKA_102040	0.0156	0.8303	-0.0505	-1.5254	-0.5879	-1.2152	-0.6506	-1.0229	-0.3551	0.1685	1.6236	1.4869
PBANKA_103320	0.4485	0.6513	0.4992	0.3514	0.193	0.0279	0.1353	-0.3279	-0.2982	-0.0561	0.1565	0.2538
PBANKA_133860	0.4086	0.146	0.3147	0.4199	0.1617	0.2696	-0.2395	-0.5999	-0.3469	-1.0697	-1.1539	0.135
PBANKA_112700	-0.5715	-0.0088	-0.4727	-0.6217	-0.3038	-0.1364	-0.0064	0.1319	0.1343	0.647	0.6073	1.4415
PBANKA_144680	0.2593	0.5177	0.4051	0.1929	0.4969	-0.0482	-0.1097	-0.6036	-1.0617	-1.2305	-1.2829	-0.8096
PBANKA_103710	0.7378	0.2867	0.6008	0.0725	0.2815	0.4815	0.1516	-0.0712	-0.2722	-0.4116	-0.7083	-0.2634
PBANKA_141550	0.3656	-0.1883	-0.2403	0.0179	0.1455	0.0338	0.1953	0.3293	0.1121	-0.475	-0.9301	-0.2311
PBANKA_103310	-0.3931	-1.3156	-0.0231	-0.5774	-0.4118	0.2486	0.424	0.5208	0.5788	0.7575	-0.0938	-0.1262
PBANKA_136410	0.3691	0.7394	0.1808	0.1038	0.1118	0.2821	-0.2698	-0.8103	-0.7267	-0.4714	0.4712	1.1142
PBANKA_122950	-0.0487	0.9937	-0.2808	-0.5157	-0.0933	0.0334	-0.0266	-0.8296	-0.0747	-0.1908	-0.1354	-0.5376
PBANKA_052020	0.4054	0.8187	0.1003	-0.3308	0.2024	-0.2994	-0.2823	-0.3166	-0.7653	-0.5612	0.4056	0.4032
PBANKA_131760	0.2563	0.3172	0.1267	-0.5173	0.1012	-0.5113	-0.134	0.0362	0.5111	0.5189	1.2255	1.3911
PBANKA_113120	0.4167	0.5451	0.0482	-0.3844	-0.3953	0.0711	0.1829	-0.0664	0.4594	0.3013	0.1961	0.8315
PBANKA_144240	-0.3716	-0.1323	-1.0372	-0.8401	-1.1377	-0.9878	-0.677	-0.1871	0.5592	1.1275	0.9482	0.9264
PBANKA_122470	0.2586	-0.6064	0.1121	0.6039	-0.0588	0.5488	-0.3543	0.0303	-0.5376	-0.2265	-0.3053	-0.7736
PBANKA_113430	-0.2796	0.0977	0.0277	0.1	0.0172	0.4091	0.2094	-0.0852	0.1289	0.2265	-0.1528	-0.1143
PBANKA_113520	0.2281	0.3465	0.1489	-0.1127	0.1011	0.1841	0.0763	-0.434	-0.8024	-0.2438	0.3787	-0.4757
PBANKA_140080	-0.5288	0.3425	-0.185	-0.4628	-0.216	0.0783	0.0727	0.3544	0.7543	0.9149	1.004	0.6257
PBANKA_040410	-0.8715	-0.7078	-0.6678	0.029	-0.1019	0.5848	0.3144	0.5611	0.4247	0.5335	-0.3937	-0.3269
PBANKA_040180	-0.0238	0.0294	0.2722	0.3144	0.0576	0.1835	0.2096	-0.1304	0.1323	-0.068	-0.4041	-0.6124
PBANKA_122810	-0.7847	-0.6787	-0.573	-0.3668	-0.0306	0.3371	0.2432	0.5413	0.756	0.9589	0.4194	-0.2443
PBANKA_051860	-0.1042	0.6032	0.0203	0.5781	-0.0022	-0.0701	0.0368	0.3357	-0.0108	-0.0008	-0.4763	-0.24
PBANKA_080300	-0.4252	-0.6711	-0.3147	-0.58	0.122	0.0514	0.6148	0.5482	0.7638	0.5916	-0.3364	-0.937
PBANKA_071780	0.1685	1.0239	0.3901	0.2163	-0.0138	-0.2767	-0.4104	-0.691	-0.6873	-0.4041	0.5997	0.8941
PBANKA_101180	-0.1239	0.4165	-0.235	0.1195	-0.1318	0.3252	0.304	0.5684	0.7644	0.5829	-0.0379	0.1272
PBANKA_123910	0.9208	0.0419	0.0577	0.2308	0.0588	0.3647	0.1541	0.0082	-0.3085	-0.8739	-0.1358	-0.2754
PBANKA_142120	0.5846	-0.5535	0.1174	0.27	0.6412	0.5617	0.174	0.0056	0.1492	-0.4472	-1.1598	-0.7403
PBANKA_061370	0.1287	0.1301	-0.1783	-0.4551	-0.3817	-0.4671	-0.5211	-0.2361	0.1595	0.6402	0.905	1.1632
PBANKA_083510	-0.9503	-0.8179	-0.2314	0.5471	0.2833	0.573	0.5936	0.0293	0.0933	-0.3203	-0.9953	-1.1542
PBANKA_133960	-0.2245	0.0188	0.3118	0.2955	0.1042	0.1977	0.1219	-0.243	-0.052	-0.2982	-0.6013	-0.2465
PBANKA_146460	0.0983	0.207	-0.4233	-0.242	-0.2611	0.2878	0.101	0.2656	0.6139	0.8412	1.1746	0.9642
PBANKA_100400	0.6571	0.3992	0.3625	0.2599	0.1412	-0.3277	-0.562	-1.0493	-1.4583	-1.5036	-1.1205	-0.9648
PBANKA_040700	-0.205	-0.2358	0.1556	0.3267	0.3233	0.4851	0.1441	-0.6274	-0.5424	-1.1456	-0.7858	-1.0283
PBANKA_030320	0.234	0.6729	0	0.2034	0.0013	0.1501	0.0942	-0.0945	-0.2467	-0.3991	-0.7996	-0.9812
PBANKA_100700	0.5174	-0.0701	0.5112	0.2869	-0.0316	0.1184	-0.1625	0.0105	-0.4804	-0.6015	-0.2484	-0.5835
PBANKA_010580	-0.2214	-0.5931	0.1221	0.6845	-0.3327	0.2624	0.0958	0.2593	-0.0719	-0.1076	-0.4344	-0.0196
PBANKA_041680	0.0483	0.1525	-0.102	-0.4149	-0.1819	0.3354	0.6094	0.4424	0.0242	-0.108	-0.8655	-0.7217
PBANKA_102230	-0.2998	-0.427	-0.442	0.9259	0.12	0.7557	0.126	0.4782	0.3951	0.259	0.8387	0.3855
PBANKA_134510	0.119	-0.0715	0.0174	0.2653	0.007	0.2253	0.058	-0.1137	-0.5254	-0.677	-0.7517	-0.9856
PBANKA_091860	0.0501	0.0213	0.2644	-0.0811	-0.0522	-0.1396	0.1506	0.3217	0.3497	0.5139	0.5131	0.2481
PBANKA_145990	-0.1581	0.1959	-0.0566	0.6574	0.2361	0.4975	0.3645	0.1165	0.0481	-0.2323	-0.8397	-0.4145
PBANKA_140740	0.1769	0.4676	0.2275	0.0996	0.1609	0.3555	0.0372	0.2898	-0.0209	0.1219	0.5374	0.9872
PBANKA_020670	0.568	0.1598	0.4599	0.4763	-0.0347	0.397	0.4392	0.2909	0.3034	0.1274	0.472	0.4634
PBANKA_140850	-0.1822	0.2775	-0.4847	-0.1444	-0.0962	-0.1235	0.0828	-0.1696	-0.5703	-0.531	-0.5427	-0.9399
PBANKA_060340	0.2301	0.083	0.317	0.0355	0.1152	0.2288	-0.1872	-0.3155	-0.5842	-0.6538	-0.3354	-0.4193
PBANKA_051620	-0.5041	-0.1843	-0.3633	-0.1213	0.2037	0.0778	0.2825	-0.0403	-0.1527	-0.2708	-0.6089	-0.7437
PBANKA_135810	0.1423	0.1683	-0.3875	-0.2972	0.2335	-0.5113	-0.3691	-0.5017	-0.4991	-0.5033	-0.4159	-0.7084
PBANKA_112650	-0.0462	1.377	0.1568	-0.4326	-0.0856	-0.3352	-0.0809	-0.6946	-0.4452	-0.5429	-0.3897	-0.1593
PBANKA_100460	-0.1095	0.0202	-0.2132	0.2186	0.2429	0.4223	0.0874	-0.1846	0.2212	-0.1343	-0.5169	-0.4821
PBANKA_112780	0.0235	0.4913	0.1548	0.076	0.3732	0.1152	0.0859	-0.1448	-0.2993	-0.6221	-0.6044	-0.8691

PBANKA_111260	0.4471	-0.0152	0.3347	0.7311	0.366	0.4557	0.0833	-0.5259	-0.6082	-0.7913	-1.1735	-1.117
PBANKA_144780	0.6734	-0.6305	0.4559	0.4598	0.4027	-0.3327	0.435	0.1243	0.028	-0.669	-0.9315	-0.956
PBANKA_031160	0.343	0.7815	0.3294	0.401	0.1139	0.4241	0.0957	-0.0097	0.2857	0.3448	0.4704	0.473
PBANKA_080070	0.2947	0.2782	0.1722	0.1486	0.1182	0.3619	0.022	0.0139	-0.0514	-0.1828	-0.4705	-0.2778
PBANKA_102730	-0.2629	0.3382	-0.0052	0.1564	-0.1619	0.5376	0.0947	0.1153	0.3472	0.0683	0.1051	0.2253
PBANKA_132390	0.061	-0.0777	-0.1096	0.0066	-0.038	0.3866	0.0211	-0.3503	-0.9753	-0.8557	-0.5531	-0.5295
PBANKA_135020	0.2163	0.386	-0.1198	-0.0894	-0.0719	-0.3813	-0.9379	-0.4373	0.6526	1.0312	-0.0943	0.3399
PBANKA_090380	-1.4291	-0.9777	-1.4042	-1.4897	-0.9593	-0.6661	-0.5966	0.2208	0.2596	0.7929	0.6857	0.5872
PBANKA_020160	-0.8971	0.4523	0	-0.1207	-0.2877	-0.1032	0.3067	0.032	0.1845	-0.5138	0.2699	0.7647
PBANKA_061580	0.1475	-0.595	-0.0494	-0.1671	0.2794	0.2763	0.0348	0.0883	0.1667	0.2906	-0.1997	-0.3214
PBANKA_142530	-0.1091	0.4392	0.1472	0.035	-0.0021	0.1224	-0.0979	-0.3326	-0.4771	-0.721	-0.6293	-0.653
PBANKA_080480	0.1369	-0.2703	-0.1591	0.1914	0.1409	0.1127	-0.1896	-0.6319	-0.2916	-0.6836	-0.4076	-0.6704
PBANKA_051280	-1.4846	-0.4679	-1.2352	-0.8989	-0.8752	-0.8337	0.0678	0.3282	0.7454	1.2075	0.8439	0.6853
PBANKA_040130	-0.1758	0.1502	0.2509	0.3832	0.3249	0.2835	0.0296	-0.2172	-0.2956	-0.703	-0.3467	-0.9304
PBANKA_120900	0.7169	0.775	0.5142	0.368	0.2707	-0.0609	-0.3684	-1.0646	-0.7	-0.5173	-0.3572	-0.4245
PBANKA_061650	0.0521	0.0909	0.2574	0.6772	0.3197	0.4633	0.2006	-0.3997	-0.6511	-0.592	-0.9272	-0.9016
PBANKA_143010	0.1967	0.1354	0.3306	0.4193	0.3186	0.4531	0.1696	-0.0601	-0.1002	-0.139	-0.4625	-0.7392
PBANKA_041570	-0.221	-0.0283	-0.2915	-0.2171	0.1159	0.1993	0.1596	0.3744	0.3993	0.1065	0.0433	-0.0965
PBANKA_093920	0.0056	0.1122	-0.0476	0.531	-0.2191	-0.1399	-0.6817	-0.4608	0.3581	0.6704	1.0389	1.3786
PBANKA_091790	-0.1453	0.8096	0.4126	0.1818	-0.3186	0.337	0.1895	-0.4507	-0.4472	-0.3213	-0.3762	-0.3534
PBANKA_080420	0.0651	0.7254	0.6096	-0.1084	-0.0862	0.1973	-0.2778	-0.9093	-1.059	-1.4509	-0.2207	-0.3788
PBANKA_020780	0.4426	-0.0285	0.483	0.3669	0.336	0.1494	0.0498	-0.1667	-0.9177	-1.2227	-1.2301	-1.38
PBANKA_101720	0.0531	-0.3993	-0.1935	0.2686	0.3848	0.054	0.3663	0.1139	0.0818	-0.0082	-0.3583	-0.4843
PBANKA_083310	0.3829	0.7056	0.2368	0.1836	0.13	0.2761	-0.2017	-0.2375	-0.3179	-0.6649	-0.3189	-0.2243
PBANKA_121870	0.6564	1.0402	0.107	-0.0378	-0.1472	-0.4232	-0.4955	-0.4396	0.0745	-0.0729	0.3661	0.9525
PBANKA_122500	-0.4014	-0.7069	-0.4567	-0.2251	-0.0039	-0.057	0.5141	0.68	0.5065	0.5182	0.0544	-0.3033
PBANKA_030490	-0.7712	-0.1803	-0.5533	-0.5979	0.1219	-0.1597	0.199	0.2031	0.3034	0.72	0.4647	0.6334
PBANKA_103470	-0.2716	0.2368	0.188	0.5184	0.0858	0.515	0.159	0.2648	-0.0145	-0.2391	-0.4443	-0.1582
PBANKA_103490	0.4828	0.6093	0.1153	0.1545	0.0533	-0.4073	-0.306	-0.3313	-0.0844	0.2326	0.0002	0.1278
PBANKA_020240	-0.2293	-0.2872	-0.0246	0.2671	0.0629	-0.0636	0.5795	0.5003	0.0883	0.2153	0.1723	-0.0411
PBANKA_135610	-0.308	-0.5353	-0.3024	-0.26	-0.4629	0.207	0.2037	0.0882	0.3889	0.6513	0.9237	1.1818
PBANKA_010160	-0.0434	-0.0551	0.0093	0.5882	-0.1578	-0.3122	-0.5764	-0.8369	-0.6164	-1.0393	-0.605	0.1152
PBANKA_113710	0.1076	0.2899	0.1538	0.0066	-0.1061	-0.0681	-0.2885	-0.5178	-1.0597	-0.9582	-0.2043	-0.0759
PBANKA_134000	0.1861	0.3593	0.3469	0.5301	0.0535	-0.2026	-0.0268	-0.8551	-0.4679	-1.1056	-1.0401	-1.1255
PBANKA_131750	-0.2171	0.5465	-0.3152	-0.6839	0.0788	-0.1827	-0.0566	0.0035	-0.1265	-0.1989	-0.7589	0.0516
PBANKA_123005	0.2762	0.2537	0.3693	0.3124	0.0852	0.2349	0.3329	0.1891	0.2656	-0.004	-0.0665	-0.389
PBANKA_103810	0.3072	0.4041	0.2767	0.9365	0.8096	0.8133	-0.0106	-0.4488	-0.5926	-1.0038	-1.3894	-0.8137
PBANKA_132000	-0.1502	-0.4982	-0.0063	0.1834	-0.002	0.368	0.326	0.0295	0.4864	0.1657	-0.7389	-0.3769
PBANKA_135840	-0.1894	-0.5087	-0.3531	0.1036	-0.2156	0.1718	-0.1719	-0.1817	-0.599	-0.6772	-0.4301	-0.7369
PBANKA_143640	0.2871	0.2793	0.0702	0.3622	-0.123	0.2808	-0.0886	-0.0849	-0.091	-0.4676	-0.1658	0.568
PBANKA_110830	0.5562	-0.016	-0.0241	-0.2768	-0.2698	-0.303	-0.0387	0.3736	-0.2	-0.1043	-0.1326	-0.7985
PBANKA_041820	-0.7135	-0.2728	-0.5168	-0.2287	0.0984	-0.2006	0.3756	-0.0888	-0.5127	-0.4965	-0.3745	-1.2797
PBANKA_121920	-0.9545	-0.8132	-0.5189	-0.0539	-0.0478	0.4205	0.419	0.1617	0.2981	0.0149	-0.5593	-0.5016
PBANKA_120530	-0.6511	-0.6023	-0.4421	0.1194	0.0506	0.4543	0.3172	0.6181	0.4868	0.3254	0.5838	0.7179
PBANKA_133620	-0.4429	0.0097	-0.0933	-0.1802	-0.6489	0.3552	-0.1126	-0.0076	0.5948	0.5266	1.1254	1.8469
PBANKA_142770	-0.6898	-0.2746	-0.4907	-0.7507	-0.6272	-0.4647	0.2646	0.864	0.8652	1.0576	0.245	0.1399
PBANKA_103260	0.3093	-0.1484	0.3424	-0.4662	0.1313	0.1828	0.0239	0.3121	-0.3304	0.1286	0.2685	0.0186
PBANKA_140340	0.5064	-0.6543	0.0158	0.15	0.1757	0.3085	-0.4482	-0.4965	-0.6455	-0.9841	-0.5554	-0.4541
PBANKA_093650	-0.1207	-0.064	-0.2248	0.2449	0.211	0.5752	0.203	0.0671	0.0623	-0.0128	0.2577	-0.1379
PBANKA_135450	0.2478	0.2423	0.2625	0.3726	-0.0511	-0.2734	-0.1875	-0.7213	-0.8855	-1.0796	-0.5571	0.4584
PBANKA_121810	-0.2842	-0.5965	-0.4199	-0.1745	-0.4288	-0.8734	-0.7916	-1.2847	-1.0396	-0.7546	0.1635	-0.3208
PBANKA_141760	0.0997	0.1105	-0.1611	0.3448	0.2077	0.2712	0.3399	0.6705	0.4398	0.3868	0.3492	0.3796
PBANKA_052120	-0.5646	-0.4901	-0.5219	-0.8538	-0.3773	-0.1937	-0.4041	0.6452	1.5374	1.481	1.2793	1.5437
PBANKA_140510	0.2362	0.8242	0.0438	0.8569	0.441	0.2446	0.2112	-0.1719	-0.1447	-0.2926	-0.5994	-0.0636
PBANKA_120860	0.5026	0.3824	0.0999	-0.4103	-0.0793	0.3967	0.0705	-0.1177	-0.3225	-0.161	0.076	0.9998
PBANKA_131630	-0.1959	0.377	-0.1047	0.0762	-0.3659	0.0696	-0.3196	-0.2759	-0.3507	-0.1084	-0.3083	-0.4289
PBANKA_080990	0.3987	0.0732	0.3381	0.2524	0.0404	0.63	0.1796	-0.1289	-0.0604	-0.4464	-0.5708	-0.7344
PBANKA_060920	0.2175	-0.2633	0.1002	0.4039	0.0495	0.2142	0.2143	0.1038	-0.0762	-0.0386	-0.3451	-0.1807
PBANKA_081890	-0.3981	0.5748	-0.2076	-0.4003	0.3327	-0.2948	-0.0599	-0.3057	-0.7754	-0.784	-0.9159	-0.9147
PBANKA_103380	-0.3318	0.0535	0.0597	-0.2124	0.1376	0.2506	-0.1674	-0.0212	-0.2158	-0.2948	-0.4365	-0.4789
PBANKA_102840	0.2661	-0.0593	0.3877	0.518	0.3561	0.367	-0.2523	-0.5385	-1.242	-1.7596	-1.4903	-1.2487
PBANKA_140680	0.1958	0.0936	0.4904	0.3781	0.4423	0.2482	-0.7543	-1.1621	-1.1283	-1.7247	-0.4627	-0.2188
PBANKA_082310	0.0145	0.7956	-0.0138	-0.5971	-0.6221	-1.0098	-1.1054	-0.2956	-0.1605	0.5526	1.4072	1.4557

PBANKA_020270	0.115	0.2782	0.1732	0.3357	0.259	0.0594	0.0403	0.1917	0.1114	0.048	0.1737	0.1533
PBANKA_091270	0.0396	-0.3633	0.1566	-0.293	0.144	-0.2706	-0.0228	-0.3247	-0.2343	-0.6365	-1.3898	-0.8228
PBANKA_081190	-0.4332	0.1474	-0.2987	-1.0664	-0.2198	-0.0415	-0.2151	-0.6645	-0.2361	-0.4933	-0.4577	-0.1464
PBANKA_020150	0.2503	-0.3045	0.001	0.2479	0.301	0.3243	-0.1171	-0.1549	0.1637	-0.0051	0.7755	1.0561
PBANKA_114080	0.013	0.0416	-0.0337	0.3409	0.04	0.4638	0.214	-0.0841	0.2193	-1.0081	-0.4158	-0.9609
PBANKA_081160	0.1973	0.4082	-0.0479	-0.5734	0.2741	-0.5245	0.3517	-0.018	-0.0844	0.107	0.1228	-0.3485
PBANKA_122330	0.4499	0.351	0.3917	0.1215	0.032	-0.1252	-0.1625	-0.5917	-0.7337	-0.7298	-0.2994	0.8593
PBANKA_145330	-0.1651	0.2807	-0.3504	-0.3121	-0.5968	-0.2336	-0.0591	0.1387	-0.1911	-0.2733	-0.4443	-0.415
PBANKA_030200	-0.1142	0.5477	-0.0914	0.2736	-0.0499	-0.2955	0.4816	0.4511	0.6499	0.6104	-0.1235	0.6563
PBANKA_140610	-0.2833	-0.232	-0.0825	-0.8019	-0.3908	-0.6457	-0.8745	-0.5318	-0.3271	-0.361	-0.672	-0.1158
PBANKA_141530	-0.2166	-0.1697	-0.3467	0.1176	-0.0136	0.1155	0.0515	0.0473	0.1684	0.2569	0.041	-0.0409
PBANKA_144120	-0.1437	0.5145	0.0997	0.3735	0.2241	0.5812	0.1871	0.2389	0.1717	-0.036	-0.2182	0.0284
PBANKA_120340	0.3303	0.3841	0.1478	0.4162	0.1159	0.1397	-0.1554	-0.1035	0.2833	0.4672	0.7671	0.9602
PBANKA_093730	0.1844	-0.0004	0.1087	0.1038	-0.1308	-0.2096	-0.1575	-0.3832	-0.0017	0.3496	0.3809	0.363
PBANKA_114000	-0.5098	-0.0897	-0.461	-1.0598	-0.491	-0.2452	-0.5491	-0.6355	-0.331	-0.3805	-0.5988	-0.0373
PBANKA_070970	-0.3258	0.2894	-0.0731	-0.1147	0.1956	-0.1359	0.1165	0.1626	0.1925	0.3075	0.604	0.3828
PBANKA_134590	-1.1697	-1.5196	-1.0524	-1.0228	-0.4542	-0.3416	0.4219	0.7999	1.2441	1.375	0.3889	0.0078
PBANKA_030140	-0.2645	-0.8087	-0.2979	-0.3189	-0.0295	-0.1718	-0.0098	-0.3447	-0.192	-0.0089	-0.0633	-0.2862
PBANKA_135220	0.4364	-0.1494	0.638	0.4657	0.3484	-0.7981	-0.1461	-0.4613	-0.4857	-0.3732	-0.5899	-0.2005
PBANKA_132890	-0.2143	0.4682	-0.1106	-0.074	0.2008	-0.2087	0.3316	0.175	0.3014	0.1683	0.0832	0.4663
PBANKA_051440	-0.2621	0.5985	-0.3285	0.1398	-0.0511	0.1202	0.2232	0.0452	-0.0132	-0.0374	0.4059	-0.1481
PBANKA_050810	-0.2684	0.5654	0.2434	0.0679	-0.1474	-0.2953	-0.5352	-0.2618	-0.0169	0.7537	1.5378	1.3783
PBANKA_100180	0.0401	0.1678	-0.1365	-0.0527	-0.1397	-0.1505	-0.0239	0.1477	-0.1684	0.1014	0.0776	-0.6418
PBANKA_030520	-0.0837	-0.0453	0.1722	0.0204	0.0501	-0.069	0.0883	0.3291	0.2094	0.0506	0.1609	0.0932
PBANKA_071870	0.3558	-0.887	0.3763	0.7277	0.7328	0.7718	0.3169	0.2373	0.4028	-0.0613	-0.2528	-0.1351
PBANKA_090260	-0.0184	-0.4138	-0.0896	0.109	0.0007	0.0948	0.0298	0.143	0.5505	0.653	0.1154	-0.033
PBANKA_136530	0.1126	-0.1801	-0.0035	0.3798	0.0739	-0.0662	0.0222	-0.3384	-0.4656	-0.1947	-0.1426	-0.0191
PBANKA_100260	-1.7688	-0.9777	-0.3788	-0.6194	-0.4964	-0.2168	0.333	0.7057	1.2663	1.4507	1.1904	-0.2711
PBANKA_132490	-0.0885	0.0005	-0.0477	-0.0187	-0.5349	0.2182	-0.1929	-0.2079	-0.1117	0.0596	0.5131	0.8051
PBANKA_134110	-0.7339	-0.1189	-0.2663	0.0939	0.0595	0.6081	0.4218	0.3417	0.3931	0.2515	-0.0558	-0.1336
PBANKA_135210	-0.376	0.1797	0.022	0.1999	0.1454	0.532	0.3009	0.0442	0.0896	-0.1249	0.7246	0.5733
PBANKA_113390	-0.4513	0.0925	0.2134	-0.1569	0.0465	0.0745	-0.5934	-0.4429	-1.3176	-1.0375	-0.9117	-1.2243
PBANKA_111490	-0.7038	0.2563	0.0568	-0.4951	-0.1629	0.0054	-0.1626	-0.5093	-0.5673	-0.4459	-1.024	-0.1473
PBANKA_141960	0.0488	-0.0581	0.1261	0.2761	0.2609	0.1319	0.0499	-0.0989	-0.0234	-0.0796	0.1049	0.3349
PBANKA_010990	-0.5474	-0.8678	-0.6383	-0.2848	-0.4055	0.3111	0.4598	0.9582	1.2096	1.1435	0.5963	0.182
PBANKA_122640	0.3698	-0.7101	-0.2246	-0.4764	-0.3158	-0.1812	-0.5985	-0.4704	-0.6328	-0.5301	-0.5708	-0.3119
PBANKA_041790	0.7468	0.3998	0.3776	0.2972	0.384	0.0035	-0.1773	-0.1849	-0.3629	-0.4375	-0.1417	-0.4515
PBANKA_061960	0.3315	0.6283	0.0341	0.2982	0.231	0.1592	0.0835	0.2783	0.3061	0.0731	-0.1544	0.0338
PBANKA_135190	0.7072	0.5887	0.509	0.5379	0.2982	0.1913	-0.1133	-0.6052	-0.7509	-1.1113	-0.1164	-0.2781
PBANKA_091430	-0.8686	0.3989	-0.323	-0.1689	-0.2143	-0.4197	-0.1478	0.1292	-0.5444	-0.5765	-0.4867	-0.8039
PBANKA_122020	0.5151	0.7848	0.2155	-0.0806	-0.5375	-0.3078	-0.6208	-0.5962	-0.4936	-0.0138	0.8091	1.6417
PBANKA_120330	0.3561	0.222	0.7154	0.4375	0.7332	-0.0828	0.0086	-0.1734	-0.2291	-0.7233	-0.7323	-0.1572
PBANKA_094120	-0.0801	-0.1773	0.1	-0.0426	0.2521	0.0178	0.0155	-0.2496	-0.298	-0.2537	-0.731	-0.276
PBANKA_040940	0.0273	-0.7699	0.1582	0.2339	-0.0096	0.0942	0.5309	-0.0251	-0.0142	0.0433	0.1187	-0.4774
PBANKA_061490	-0.0281	-0.2395	-0.6049	-0.3731	-0.3397	0.2747	0.3667	0.7106	0.6765	0.5756	0.0198	-0.2547
PBANKA_080210	0.1534	0.7251	-0.3666	0.1209	-0.1006	-0.023	0.2403	-0.1563	0.0616	-0.0635	0.0822	-0.2279
PBANKA_103220	0.5205	-0.2227	0.3965	-0.114	0.1559	-0.6435	-0.2917	-0.5324	-0.4015	-0.3275	-0.758	-0.0754
PBANKA_123630	0.3859	0.3346	0.3428	0.2717	0.2497	0.0019	-0.3595	-0.3465	-0.5783	-0.1614	0.3685	-0.4326
PBANKA_093670	-0.214	-0.0224	0.4231	0.0747	0.3279	-0.0566	-0.3679	-0.0989	-0.0479	0.4199	0.3736	0.6932
PBANKA_010240	-0.2759	-1.7502	-0.2851	-0.1883	-0.144	-0.2788	0.1058	0.1473	0.2465	0.0041	-0.3411	-0.2669
PBANKA_133400	0.0822	0.3576	0.1127	0.1069	0.1145	0.0615	0.1389	0.32	-0.0004	0.0927	-0.7236	-0.7065
PBANKA_101840	-0.1387	0.8673	0.1906	0.4999	0.2321	0.7696	-0.0645	0.2221	-0.4324	-0.6961	-0.481	-0.295
PBANKA_092300	0.7013	0.251	0.5215	0.115	0.3121	0.4224	-0.0231	-0.2279	-0.1318	-0.3221	-0.2107	0.0193
PBANKA_041560	0.3654	-0.3864	0.1045	0.2646	0.1258	-0.0337	-0.245	0.1312	-0.165	0.3158	0.3693	0.7526
PBANKA_031540	0.2107	0.1656	-0.2167	-0.1915	-0.1176	-0.5291	-0.3781	0.0504	0.398	0.5993	1.0374	0.772
PBANKA_021280	-0.9078	-0.5326	-0.6738	-0.2985	-0.3051	0.1089	0.6076	0.9936	1.2727	1.2187	0.243	0.0893
PBANKA_010210	0.1325	0.5464	-0.2858	-0.3979	-0.011	-0.5552	-0.3392	-0.3261	-0.3739	-0.4587	-0.5475	-0.1054
PBANKA_112160	0.0478	0.2314	0.2558	-0.4477	0.0362	0.4217	-0.1293	0.3417	-0.1325	-0.2619	-0.2868	0.0428
PBANKA_111820	0.0544	0.4057	0.075	0.2013	0.0409	0.6082	0.0807	-0.325	-0.0033	0.0481	-0.1698	-0.3582
PBANKA_093180	-0.476	0.1534	-0.1564	-0.169	0.0124	0.4805	0.1274	-0.4008	-0.4244	-0.484	-0.7277	-0.9505
PBANKA_112010	-0.3836	-0.2998	0.1137	0.2498	0.1536	0.5959	0.3141	0.4652	0.4405	0.4283	0.3862	-0.132
PBANKA_143830	0.0823	-0.37	0.0647	0.1135	0.1957	0.191	0.0946	0.2534	-0.1033	-0.4324	-0.6866	-1.2092
PBANKA_114260	0.1541	0.5979	0.2034	-0.0725	0.113	0.4989	0.1121	-0.2411	-0.3147	-0.1051	-0.3804	-0.2517

PBANKA_040380	0.2442	1.3838	0.432	-0.0312	-0.0945	0.7372	-0.4707	-0.2912	-0.4887	-0.3315	0.5927	1.0191
PBANKA_131150	-0.2145	-0.2569	0.1707	0.0024	0.1208	0.8544	0.4633	-0.0495	-0.1506	-0.3248	-0.6084	-0.9436
PBANKA_123560	-0.3634	0.3018	0.3286	-0.0943	0.4564	0.0811	-0.7558	-1.1653	-2.2081	-2.7148	-1.9272	-2.438
PBANKA_050140	-2.207	-1.4751	-2.0934	-2.4665	-1.1499	-0.1764	0.5096	0.9348	1.1922	1.4505	-0.2311	-0.3448
PBANKA_080600	0.3926	0.2888	0.2299	-0.0121	-0.0951	-0.2818	-0.2634	-0.8072	-0.3402	-0.4302	0.4502	0.9071
PBANKA_050990	-0.0861	-0.0689	0.1662	0.2614	0.2455	0.1057	-0.0577	-0.0914	-0.5246	-0.7235	-0.9364	-1.1122
PBANKA_050560	0.3264	0.5495	0.4158	0.3601	0.3572	0.6446	0.0206	0.0091	0.0089	-0.1151	-0.2119	-0.0069
PBANKA_131310	-0.0641	-0.7154	-0.1308	0.0761	0.1182	0.1774	0.2086	0.3175	0.503	0.3375	0.2051	-0.1522
PBANKA_145650	0.5534	-0.5861	0.4423	0.0794	0.0235	-0.3358	-0.0037	-0.0959	0.6635	0.3179	0.0661	-0.0642
PBANKA_141920	-0.2967	0.426	0.3744	-0.0736	0.6219	-0.2304	-0.4417	-0.7876	-1.0613	-1.2703	-0.6833	-1.0039
PBANKA_145980	0.3359	-0.1911	0.1999	0.655	0.4244	0.3602	-0.0732	-0.1126	-0.4986	-0.4811	-0.2655	-0.4374
PBANKA_093340	0.0953	-0.1863	0.0028	-0.3062	0.0448	-0.2848	-0.1742	-0.6665	-1.0726	-1.4703	-1.4342	-1.2557
PBANKA_040490	-0.1788	-0.1165	0.3113	0.469	0.2751	0.658	0.1584	-0.0574	0.1188	-0.4032	-0.4229	-1.0526
PBANKA_090800	0.1856	-0.1986	0.0921	-0.0036	0.3309	0.3008	-0.1199	0.2622	0.1439	-0.4381	-0.8019	-0.8191
PBANKA_101680	0.2868	0.2431	0.2977	0.2536	0.3165	0.2076	-0.1491	-0.4709	-0.8465	-1.1318	-1.0533	-0.6327
PBANKA_072070	-0.8855	-0.5741	-0.7063	-0.2021	-0.6136	-0.4826	0.18	0.9102	0.53	1.7277	0.4583	0.2748
PBANKA_145180	0.3402	0.4435	-0.03	0.0693	-0.019	-0.2689	-0.0931	-0.0032	-0.143	0.9519	0.6179	0.8106
PBANKA_122780	0.2816	-0.2701	0.0859	0.2505	0.1381	0.1555	-0.0438	0.2624	0.5401	-0.1038	0.3864	0.1812
PBANKA_040610	0.2629	0.109	-0.1015	0.2199	0.2112	0.27	0.2413	-0.0722	-0.32	-0.0373	-1.5709	-0.6273
PBANKA_143950	0.0908	0.3441	0.1097	0.4618	0.3642	0.884	0.4474	0.1945	0.0861	-0.2501	-0.5343	-0.5772
PBANKA_112460	-0.8221	-0.4793	-0.2113	-0.1393	0.0323	0.0455	0.3482	0.1693	-0.2618	-0.3009	-0.5772	-0.8372
PBANKA_051970	0.2812	-0.109	0.2167	0.0057	0.3293	0.5098	0.0153	-0.5381	-0.7551	-0.8865	-0.9791	-0.9264
PBANKA_101070	0.4572	0.1316	-0.0938	0.3158	0.4104	0.4581	-0.2697	-0.1675	-0.3292	-0.4297	-0.177	0.0795
PBANKA_061510	0.1713	0.4826	0.1607	0.0842	-0.1912	-1.1944	-0.2589	-0.1093	-0.0402	0.2284	0.7396	1.2209
PBANKA_132300	0.4812	0.3333	-0.0742	-0.4613	0.0116	0.3632	0.2313	0.1144	0.0491	0.0932	0.3842	1.3213
PBANKA_020650	-1.3102	-0.3536	-0.8742	-0.472	-0.0844	-0.3998	-0.036	-0.2045	-0.1625	-0.217	-0.3514	-0.5199
PBANKA_132590	-0.2521	0.2766	0.1256	0.1288	0.1311	0.0849	0.0444	-0.2028	-0.5456	-0.768	-0.53	-0.5487
PBANKA_112280	-0.1843	-0.4783	0.0285	-0.4306	0.0332	-0.1187	0.36	-0.3496	0.0798	-0.1193	-0.1588	-0.16
PBANKA_121370	0.3234	-0.0106	0.3851	0.5923	-0.1141	0.3019	0.0916	-0.0475	-0.2885	-0.4547	-0.0178	0.0274
PBANKA_112880	-0.24	-0.0356	-0.3387	0.1274	-0.1108	0.0888	-0.1846	-0.0546	0.4875	0.5179	0.8795	1.12
PBANKA_092090	-0.4483	-0.1583	-0.4121	0.208	0.1346	-0.0598	0.3714	0.2502	0.1325	0.0099	-0.7368	-0.6554
PBANKA_123340	0.0969	0.4444	0.0986	0.0144	0.1842	0.134	-0.0673	0.0886	0.2625	0.1273	0.195	0.2388
PBANKA_092000	0.0844	0.06	0.3603	0.5027	0.3161	0.2106	0.0175	-0.2824	-0.6948	-1.1406	-1.1767	-1.0102
PBANKA_051180	-1.341	-1.2037	-0.9431	-0.4676	-0.2432	-0.0531	0.2028	0.341	0.3413	0.1493	0.4966	0.7845
PBANKA_061100	0.0255	0.0054	0.37	0.231	0.1501	-0.4716	-0.1464	-0.5315	-0.4452	-0.4709	-0.1998	-0.4854
PBANKA_070430	-0.0277	0.4861	-0.0827	0.4596	-0.4996	0.5567	-0.0824	0.1252	0.4808	0.2751	-0.6336	-0.6621
PBANKA_140100	0.0749	-0.2348	-0.0618	0.3188	0.0678	0.2863	-0.1774	0.0781	-0.2191	-0.1095	0.0329	-0.3764
PBANKA_093000	-0.3451	-0.3328	0.1166	0.4289	0.247	0.6434	0.1521	-0.1879	-0.4689	-0.9032	-1.4778	-0.8293
PBANKA_083140	-0.1551	-0.0299	0.4393	0.3685	0.0997	0.7544	0.2057	0.1252	-0.2779	-0.7396	-1.3118	0.1109
PBANKA_103550	-0.9456	-0.7315	-0.3428	0.3656	0.4909	0.5998	-0.0254	-0.2588	-0.4932	-0.9601	-0.6276	-1.2695
PBANKA_111530	-1.9373	-1.5189	-2.2148	-2.2027	-1.1914	-0.028	0.2772	0.6382	0.7833	1.0235	0.3352	0.24
PBANKA_135160	-0.2862	0.128	0.293	0.0976	0.1607	0.2536	-0.3286	-0.3741	-0.2871	-0.8556	-0.5719	-0.6356
PBANKA_091150	-0.2918	-0.2447	-0.4174	-0.1579	-0.1559	0.5805	0.2463	0.3734	0.6394	0.5415	0.1765	0.5779
PBANKA_133760	-0.3388	-0.1289	-0.1976	-0.1789	-0.0763	0.525	-0.1569	0.1708	0.2734	0.2527	0.3719	0.2058
PBANKA_030310	0.5336	0.1823	0.1794	0.0441	0.6023	0.0464	0.0267	-0.4676	-0.1916	-0.6586	0.5712	-0.2852
PBANKA_103340	0.1191	-0.0346	0.1483	0.0231	0.0262	0.0439	0.167	0.2774	-0.3726	-0.1491	-0.4723	-0.1282
PBANKA_082390	0.249	0.5647	0.1586	0.1465	0.3115	-0.3945	-0.2209	-0.5497	-0.677	-0.6054	-0.0889	-0.2442
PBANKA_092220	-0.0075	-0.345	0.0413	0.3876	0.3148	0.8269	0.3622	-0.0525	-0.2352	-0.6434	-0.8061	-0.7329
PBANKA_091880	0.9129	-0.1631	0.3924	0.0489	0.2027	0.1947	-0.2418	-0.3146	-0.0818	-0.2236	0.3843	0.6877
PBANKA_145310	0.4924	0.6068	-0.1698	0.5618	-0.0843	-1.1949	-0.0049	0.192	0.4406	0.369	0.18	0.1615
PBANKA_113310	-0.2826	-0.3133	-0.1038	-0.3242	-0.2919	-0.608	0.0076	0.1185	0.9241	0.7009	0.5906	0.7193
PBANKA_091210	-0.3379	-0.1192	-0.1367	0.1228	0.453	0.3435	0.3596	0.1104	0.0858	-0.373	-0.7866	-0.7509
PBANKA_143130	-0.3212	0.47	-0.4641	0.4243	-0.1203	0.1472	-0.0052	-0.4185	0.293	0.2947	0.6255	0.7211
PBANKA_144370	0.2927	-0.0471	0.1232	0.2731	0.1144	0.303	0.225	-0.2042	-0.1758	-0.5616	-0.3827	-0.574
PBANKA_102470	0.2409	-0.254	-0.0355	0.0809	-0.0345	0.0609	-0.0296	-0.3372	-0.2264	-0.5933	-0.6345	-0.5051
PBANKA_145580	-0.0358	-0.6548	-0.2594	-0.0544	-0.1668	-0.7935	0.0865	0.4915	0.4931	0.1831	-0.5016	-0.1478
PBANKA_060470	-0.1208	-0.2615	0.0763	0.5349	0.4144	0.2594	-0.0073	-0.4068	-0.6697	-0.6324	-0.3652	-0.7914
PBANKA_031520	0.2673	0.0114	0.27	0.8344	-0.0536	0.7385	0.22	-0.6318	-0.7235	-1.8702	-1.7143	-1.0348
PBANKA_120910	0.3154	0.8188	-0.0068	0.5444	0.0485	0.0284	-0.0576	0.027	-0.0915	-0.4314	-0.9381	-0.302
PBANKA_062100	-0.3914	0.0353	-0.1645	0.6928	-0.0226	0.151	0.1691	0.0933	0.0665	0.2992	0.2576	-0.0401
PBANKA_093250	-0.7756	-0.4082	-0.2834	-0.3773	-0.0809	-0.2419	0.1554	0.2566	0.2608	0.666	0.5439	0.7218
PBANKA_110770	-0.7374	-0.3824	-0.8011	-0.62	-0.1488	0.1419	0.2888	0.552	0.609	0.7804	0.2618	-0.1343
PBANKA_140480	0.2771	0.2697	-0.0302	0.3331	0.0763	0.0665	-0.2928	-0.4144	-0.3813	-0.4723	-0.6966	-0.3004

PBANKA_145880	-0.0068	-0.4556	-0.0382	0.4694	0.1945	0.191	0.2422	0.4634	-0.0386	0.4113	-0.0866	0.1558
PBANKA_010410	-0.5682	-1.0571	-0.7045	0.0477	0.0992	-0.3526	0.0175	-0.1305	0.0569	-0.036	-0.0045	0.2803
PBANKA_122090	-0.0367	0.3678	-0.0227	0.5774	0.2139	0.4691	-0.2062	-0.2804	-0.4341	-0.1201	-0.1231	-0.1664
PBANKA_141290	-1.1321	-0.0624	-0.7161	0.0635	0.1054	0.4736	0.5495	0.1992	0.0968	-0.3049	-1.2645	-0.8594
PBANKA_113850	-0.0946	0.4371	-0.3608	-0.332	-0.2793	-0.1621	-0.1321	-0.2828	0.147	0.2223	0.7061	1.0455
PBANKA_133380	1.0833	0.5613	0.3681	0.5029	-0.0491	0.2547	0.2346	-0.2988	-0.2689	-0.8265	-0.6437	-0.4354
PBANKA_122350	0.1416	0.0236	-0.0609	0.0899	0.1099	-0.0072	0.1484	0.0408	0.4598	0.3381	-0.1498	0.3361
PBANKA_123410	-0.5756	0.5175	-0.533	-0.458	-0.3825	-0.4955	0.0175	-0.5491	-0.4408	-0.2229	-0.6126	0.4892
PBANKA_131350	-0.4963	0.0779	-0.2537	-0.2774	-0.1097	0.3288	0.0414	-0.0891	0.3821	0.488	0.5587	0.7818
PBANKA_031170	-1.5904	-1.1354	-1.1449	-0.3412	-0.3754	0.2733	0.256	0.6404	1.3482	1.235	-0.1043	-0.4598
PBANKA_090810	0.1608	0.224	0.1817	0.2503	0.2855	0.4345	0.1386	-0.1704	-0.2577	-0.1748	0.1803	-0.8575
PBANKA_060310	-0.2658	0.5102	0.5443	0.2238	0.241	0.4401	0.0147	-0.2445	-0.4163	-0.1737	-0.1775	-0.0385
PBANKA_113680	-0.4492	-1.1221	0.1162	-0.3378	0.1682	-0.4183	-0.0378	-0.0168	0.4821	0.2918	0.3695	0.8921
PBANKA_040790	-0.4382	0.2882	-0.3161	0.2741	0.1339	0.0059	0.1771	0.0869	-1.9942	0.0402	0.0254	-0.1178
PBANKA_113650	0.0784	0.2848	-0.1425	-0.0053	0.2314	0.3118	0.0173	-0.1877	-0.1534	-0.3561	-0.2684	-0.462
PBANKA_040360	-0.1505	-0.0419	-0.0248	-0.1476	0.058	0.2242	0.1819	0.1464	-0.0313	0.0216	-0.3944	-0.4634
PBANKA_141210	0.7729	-0.2878	0.3088	0.6944	0.963	0.5107	-0.3406	-0.7535	-0.3466	-0.5136	-0.5106	-0.4568
PBANKA_083500	-0.3392	-0.5646	0.1031	0.4235	0.1423	0.6498	0.1147	-0.0287	-0.1663	-0.6855	-0.9054	-0.9151
PBANKA_110790	-0.4932	0.0501	-0.1184	0.0229	-0.1696	-0.1061	-0.1091	-0.2733	-0.0776	0.0243	0.7092	1.4533
PBANKA_093170	-0.3119	-0.6312	0.027	0.3131	0.468	-0.1128	0.1476	-0.8995	-0.6568	-0.7127	-0.8939	-1.2364
PBANKA_101590	-0.5271	0.0964	-0.3948	-0.3857	0.1985	-0.0399	-0.0882	0.217	-0.3123	-0.1547	-0.3775	-0.4915
PBANKA_145790	-0.2966	-0.1888	-0.1484	0.5039	0.4425	0.5528	0.5341	0.5202	0.4693	0.4143	-0.5113	-0.4083
PBANKA_081380	0.2681	0.3467	0.0788	0.4808	0.0807	0.1724	-0.038	-0.4937	-0.091	-0.3065	-0.3505	-0.0006
PBANKA_134040	-0.8108	-0.0491	-0.7195	-0.3794	-0.7308	-0.5247	-0.0171	0.3264	1.04	1.3154	1.7783	1.5066
PBANKA_061930	0.0588	-0.3507	0.2657	0.0913	0.4392	0.1233	0.0925	-0.6389	-1.262	-1.7899	-1.1879	-1.5019
PBANKA_090970	-0.0449	0.4103	0.1888	0.137	-0.3499	0.4155	-0.2875	-0.1278	-0.5798	-0.4121	-0.5811	-0.3603
PBANKA_135750	-0.0762	0.6713	0.0491	0.3997	0.0369	0.3029	0.044	-0.7048	-0.7434	-0.6155	-0.2818	-0.5141
PBANKA_094080	-0.5971	-1.0426	-0.1564	-0.0328	0.169	0.2411	0.3633	0.3986	0.0762	-0.388	-0.8659	-0.8771
PBANKA_052430	0.2028	0.5702	-0.2622	-0.3532	-0.4007	-0.837	0.053	0.2261	-0.0719	0.5983	0.6984	0.7643
PBANKA_030570	-0.1064	-0.7681	0.0568	0.47	0.2205	0.8343	0.4642	0.5194	0.4144	0.0398	-0.8769	-1.1448
PBANKA_081040	0.331	1.0003	0.0495	0.5768	-0.0651	-0.1199	0.1848	0.0579	0.1276	-0.0393	-0.1814	0.0894
PBANKA_123640	-0.3882	-0.1912	-0.046	0.593	0.176	0.206	0.1631	0.1506	-0.0211	-0.1281	-0.6303	-0.4231
PBANKA_123750	0.1555	-0.5163	0.5425	0.6886	0.5277	0.3337	-0.062	-0.9281	-0.8173	-1.5755	-0.9361	-0.5574
PBANKA_061830	0.421	0.831	0.4453	-0.3168	-0.1663	-0.0585	-0.5194	-0.8944	-1.3514	-1.0239	-0.2806	-0.4225
PBANKA_142620	0.1811	0.7467	-0.1283	-0.3885	-0.0654	-0.3347	-0.8168	-0.5961	-0.4251	0.2628	0.6345	0.936
PBANKA_041830	-0.205	0.6103	0.0062	0.005	0.0735	0.1807	-0.1001	-0.0004	-0.0353	-0.0492	-0.3105	-0.2412
PBANKA_100910	0.1047	0.0256	-0.0117	-0.345	-0.2102	-0.6051	-0.3082	-0.6125	-0.7238	-0.6533	-0.6103	-0.5244
PBANKA_010910	0.1687	0.2286	0.4083	0.2223	0.2368	0.1144	0.2639	0.0023	-0.4949	-0.8974	-0.8451	-1.3899
PBANKA_143960	-0.5896	-0.2547	-0.1571	-0.1653	0.1912	0.6813	0.2814	0.3547	0.3519	0.3752	0.23	-0.2683
PBANKA_132880	-0.2475	-0.4604	-0.2137	-0.0472	-0.1051	0.0485	0.2369	0.3924	0.463	0.4815	-0.134	-0.0427
PBANKA_071540	-1.104	0.148	-0.5723	-0.1081	-0.237	0.2338	0.0521	0.0342	-0.1569	0.0276	-0.5831	-0.716
PBANKA_070550	-0.1542	0.3527	-0.3001	0.0171	-0.1534	0.0601	-0.0484	0.2424	0.5867	0.8309	0.961	1.3741
PBANKA_060870	0.397	0.1585	0.2529	0.4206	0.3092	0.0534	-0.4592	-0.777	-1.0429	-1.2701	-0.9844	-0.695
PBANKA_010830	-0.7495	-0.9679	-0.365	0.1698	-0.1927	0.4887	0.5257	0.6243	0.5954	0.6982	0.712	0.1257
PBANKA_124330	0.5013	0.2188	0.3987	0.4148	0.1307	0.1433	-0.0997	-0.8702	-0.677	-0.9177	-0.0411	-0.7272
PBANKA_134210	0.3376	-0.0742	0.3946	0.3573	0.1811	0.9472	0.1608	0.3239	0.1498	-0.2972	-0.4455	0.0791
PBANKA_146510	0.2661	0.53	-0.0068	0.2341	-0.0053	-0.2856	-0.3576	-0.2393	0.2449	0.2317	0.4517	1.2603
PBANKA_020640	0.0015	0.6993	-0.1077	0.1104	0.2634	0.4825	-0.0475	-0.0701	-0.418	0.2536	0.5638	0.1921
PBANKA_050410	-0.6682	-0.6559	-0.4483	-0.1205	-0.0182	0.2785	0.4771	0.7503	0.8683	1.0063	0.8594	0.642
PBANKA_110100	0.1423	0.3225	0.3832	0.6819	0.1275	0.3274	0.0526	-0.6049	-0.6675	-0.7847	-0.4534	-0.7131
PBANKA_142730	0.4535	0.4222	0.1423	0.5792	0.1846	0.2399	-0.1934	-0.2603	-0.5758	-0.7351	-0.7812	-0.0038
PBANKA_080400	0.4485	0.5556	0.2503	0.2963	-0.2649	0.1219	0.0815	-0.4095	-0.727	-0.382	-1.1947	-0.3537
PBANKA_112330	0.0893	0.0471	0.1896	0.3126	0.3301	0.033	0.0567	0.0151	-0.0779	-0.065	-0.1825	-0.537
PBANKA_010510	-0.1535	0.2507	-0.5629	-0.1545	0.2381	-0.5851	-0.3397	-0.2954	0.2468	0.4702	1.5798	1.7215
PBANKA_081300	0.0449	0.0959	0.1899	0.3496	0.3938	0.364	-0.0083	-0.3355	-0.355	-0.7836	-0.6642	-0.3425
PBANKA_040770	0.3299	0	0.5113	-0.1197	0.4006	-0.2618	-0.7805	-1.0694	-0.876	-1.718	-0.3177	-0.6667
PBANKA_113510	0.1855	0.4438	0.3612	0.0735	0.1842	-0.1873	-0.2523	-0.68	-1.0652	-1.0862	-0.0827	0.3262
PBANKA_102720	0.2175	-0.6557	0.1771	0.8166	0.8263	-0.1235	0.1893	-0.0057	0.0821	-0.0778	-0.4328	-0.3705
PBANKA_143470	0.1574	-0.7032	-0.0158	0.8128	0.1487	0.3507	-0.2393	-0.0558	-0.3166	-0.1865	0.3506	-1.4915
PBANKA_131490	-0.0449	-0.0471	-0.2316	0.1703	-0.2942	-0.9781	-0.5043	-0.0465	0.333	1.013	1.3478	1.4091
PBANKA_132280	0.7502	0.4346	0.3666	0.9468	0.2003	0.4453	-0.0075	0.0163	0.1929	0.2985	0.1592	0.0229
PBANKA_124420	-0.299	-0.2906	-0.1836	-0.1154	-0.0458	0.0844	0.1692	0.1304	0.2527	0.2071	-0.034	-0.1669
PBANKA_041550	0.5043	0.6541	0.228	0.4116	0.2848	-0.7465	0.2331	-0.1734	-0.2035	-0.3299	-0.5202	-0.1892

PBANKA_091500	-1.5618	-0.6277	-0.9874	-0.6787	-0.8285	0.3236	0.1216	0.3314	0.9769	1.3685	1.8897	1.1394
PBANKA_142750	-0.567	-0.6116	0.3238	0.4987	0.3409	0.8066	0.2662	0.0582	-0.8846	-1.5229	-1.484	-1.2826
PBANKA_121330	0.0509	-0.2184	-0.1365	-0.1286	0.3142	-0.8073	0.2483	0.715	1.0868	0.5686	-0.0584	0.1865
PBANKA_132170	0.282	0.9716	0.0777	-0.0321	0.0315	-0.2701	-0.5015	-0.627	-0.4449	-0.5821	-0.2126	-0.5877
PBANKA_093120	-0.3576	0.0759	-0.3659	-0.4473	-0.4096	-0.3373	-0.1163	0.1941	0.6498	0.7889	0.7736	0.3785
PBANKA_062230	-0.0848	-0.5727	0.1648	1.089	0.2634	0.9439	0.0954	-0.4234	-0.4309	-0.6267	-0.6978	-1.0298
PBANKA_070410	-0.4185	0.4908	-0.5413	-2.0783	-0.4149	-0.6338	-0.8185	-0.7793	-0.4082	-0.3077	-0.9372	-0.2374
PBANKA_071970	-0.169	-0.7087	-0.2532	-0.2447	-0.0127	-0.9574	-0.1559	0.1244	0.5903	0.543	0.6963	0.7585
PBANKA_010230	-0.3354	0.013	-0.9994	-0.5573	0.0073	-1.1962	-0.1476	-1.1601	-0.429	-0.1876	-0.3738	-0.0101
PBANKA_141460	0.1942	0.3175	0.4384	-0.0011	0.1066	0.2644	-0.2559	0.0505	-0.4036	-0.6269	-0.6276	-0.3936
PBANKA_061480	0.102	0.2007	-0.8012	-0.0416	-0.2618	0.0494	0.1741	0.2048	0.2879	0.0084	-0.251	-1.4261
PBANKA_030540	0.4086	0.5503	0.2881	0.0901	0.1298	0.7436	0.18	-0.1486	0.0379	0.02	0.0158	0.8515
PBANKA_081390	-0.0901	-0.2909	0.183	0.4398	0.405	0.4884	0.3144	-0.1085	-0.2753	-0.8548	-0.943	-0.9601
PBANKA_123450	-0.1215	0.1994	-0.2506	-0.2001	-0.186	0.1253	0.1195	0.2993	0.3202	0.2431	-0.2114	0.1991
PBANKA_093880	0.0516	-0.3017	-0.4718	-0.3024	-0.3823	-0.0495	0.1561	0.4587	0.9764	0.8953	0.6417	0.4875
PBANKA_140640	-0.6224	-0.6735	-0.7749	-0.6499	0.1395	-0.1469	-0.2207	0.0057	-0.0003	0.0638	0.0623	-0.1921
PBANKA_124570	0.8166	0.2467	0.295	0.3885	0.2121	0.1271	0.1	-0.18	-0.1897	-0.6949	-0.7202	-0.4421
PBANKA_123050	0.0332	-0.1927	-0.0843	0.3283	0.1194	0.0306	-0.34	-0.4804	-0.2339	-0.4315	-0.0987	0.456
PBANKA_145830	-0.4866	-1.1498	-0.2484	0.1083	0.0871	0.5181	0.205	0.4288	0.4405	0.4237	-0.0275	-0.1802
PBANKA_101060	-0.2324	-0.1385	-0.1156	0.1533	0.3775	0.5779	0.5734	0.449	-0.4684	-0.3681	-1.1968	-1.3028
PBANKA_010120	-0.0531	0.0971	-0.1457	-0.8434	-0.1228	0.1788	0.213	-0.1443	-0.5592	-0.3957	-0.8572	-0.0553
PBANKA_133680	0.0107	-0.3095	0.0729	1.1491	0.3901	0.4386	0.3731	-0.2724	-0.2264	-0.5966	-0.1412	-0.5869
PBANKA_145450	-0.1164	0.1557	-0.2026	-0.2719	0.0985	0.3432	-0.2179	-0.5677	-0.7236	-0.5472	-0.3018	-0.136
PBANKA_130660	0.3597	-0.3142	-0.0679	-0.5431	0.0271	0.5353	0.2815	0.5891	0.3568	0.3176	0.0526	-0.3024
PBANKA_121340	-0.4088	-0.0258	0.2304	0.6016	0.2176	0.4429	0.037	-0.171	-0.0387	-0.0554	-0.4474	0.0925
PBANKA_112560	0.0036	0.6751	0.3934	0.038	0.6812	-0.0841	-0.7203	-1.2478	-1.3655	-1.6408	-0.8219	-0.8274
PBANKA_083440	0.0891	-0.2908	0.0458	0.1218	0.3819	-0.1176	0.2043	0.2495	-0.1824	-0.4996	-0.7402	-0.7479
PBANKA_030210	0.476	-0.0117	0.3155	0.5497	0.2602	0.4363	0.1097	0.0941	0.1387	0.3879	0.0116	0.3195
PBANKA_080970	-0.3382	-0.7058	0.1669	0.8353	0.6037	-0.4192	0.1894	0.066	-0.0196	-0.899	-1.0067	-1.1152
PBANKA_061950	0.0878	0.3897	0.1544	-0.1204	0.2008	0.8017	0.2692	-0.0783	-0.2997	-0.0012	-0.0229	0.0137
PBANKA_113440	0.4669	-0.145	0.0164	-0.4299	-0.2577	-0.2885	-0.3351	-0.5558	0.2503	0.3901	0.8079	1.3448
PBANKA_021100	0.4183	0.8967	0.1204	0.0353	-0.0899	-0.0556	-0.2248	-0.4553	-0.7346	-0.4419	0.1023	-0.1158
PBANKA_061720	0.2307	0.3762	0.3563	0.3004	0.156	0.0838	-0.3853	-0.7807	-1.0856	-1.7132	-1.0735	-0.3709
PBANKA_103590	-0.2384	0.2039	-0.5468	-0.8481	-0.6489	-0.2716	-0.1507	-0.0028	0.1647	0.6301	1.2627	1.5129
PBANKA_100660	-0.0455	0.0763	0.0566	0.0647	0.1205	0.8171	0.1376	0.3773	-0.135	0.0378	-0.0601	-0.44
PBANKA_144000	-0.0865	-0.2743	0.2155	-0.2242	0.3574	0.2001	0.0955	0.0664	0.1565	0.0522	-0.2697	-0.2083
PBANKA_123780	0.2322	0.5675	0.2745	-0.5551	-0.2228	-0.2591	-0.4192	-0.554	-1.0448	-0.3738	0.1344	-0.0921
PBANKA_130160	-0.3331	0.0401	-0.5137	-0.4671	-0.1852	-0.0333	-0.0686	-0.0087	0.2659	0.2745	0.6529	0.7559
PBANKA_140600	-1.0341	-0.6457	-1.0931	-1.4477	-0.9175	-0.5464	-0.0427	0.6395	0.8593	0.9187	0.8412	0.383
PBANKA_133300	-0.5012	-0.1529	-0.1006	0.1552	0.1127	0.0493	-0.1912	-0.3589	-0.268	-0.1826	0.195	0.1113
PBANKA_093220	-1.1247	-1.1977	-0.5201	0.1746	0.4578	0.4623	0.3461	-0.0766	-0.6359	-1.3452	-1.8533	-2.0894
PBANKA_061940	-0.3739	-0.0507	-0.1555	-0.1563	0.0432	0.1489	0.0046	-0.1416	0.1683	-0.0441	-0.1591	-0.2581
PBANKA_070640	-0.4019	-0.3163	-0.1866	0.1458	0.2503	0.0848	0.3004	0.5129	0.4334	0.3145	-0.166	-0.1767
PBANKA_102260	-0.4171	0.1972	-0.134	-0.2183	0.0759	0.2924	0.0329	0.1203	0.4243	0.6065	0.9749	0.759
PBANKA_070280	-0.7381	-0.2469	-0.3007	0.1897	0.4111	-0.0806	0.6147	0.3503	0.0036	-0.3357	-0.917	-0.6734
PBANKA_083620	-0.2807	0.5629	-0.0095	-0.6186	-0.4051	-0.5313	-0.6791	-0.1318	0.1614	0.7372	1.6381	2.0923
PBANKA_114550	-0.043	0.2603	0.031	0.2067	0.1742	-0.8997	-0.3292	-0.2458	-0.2407	-0.1417	0.1951	0.6923
PBANKA_051700	-0.0068	-0.2407	-0.2152	-0.1325	0.1049	-0.1607	-0.8249	-0.3683	0.3826	0.4498	0.9577	0.9566
PBANKA_010180	0.2349	0.1127	0.3466	0.0235	0.0918	0.5544	-0.2435	-0.5639	0.2575	-0.0825	0.1201	1.076
PBANKA_111940	0.6568	0.3294	0.4056	0.5055	0.0412	0.4165	0.0358	-0.3981	-0.7944	-0.7437	-0.6003	-0.4265
PBANKA_143110	0.3966	0.3816	-0.0856	0.2648	0.0241	0.7401	0.4088	0.4073	-0.267	-0.0164	-1.0381	0.4905
PBANKA_070960	0.8083	0.7367	0.1728	0.341	0.0806	-0.0952	0.0661	0.1894	0.3388	0.05	-0.175	-0.1742
PBANKA_010820	-0.1186	0.1807	-0.0251	-0.4851	0.0135	-0.5755	-0.1856	0.2435	0.0363	0.4434	0.5975	0.3291
PBANKA_051470	0.4163	0.2082	0.3347	0.9622	-0.0772	0.5948	-0.0055	-0.0274	-0.0919	-0.3442	-0.5706	-0.7593
PBANKA_143290	0.1234	0.8835	-0.1447	-0.4793	0.2657	-0.0436	-0.1736	-0.4324	-0.7425	-0.5862	-0.3416	-0.2777
PBANKA_143560	0.4149	0.6266	0.2359	0.0405	0.0327	0.0449	-0.062	-0.201	0.198	0.3578	0.6486	-0.1496
PBANKA_080470	0.5056	0.5363	0.1033	0.1003	0.1866	0.3777	-0.0554	-0.2829	-0.1719	-0.2015	0.2327	0.1301
PBANKA_061200	-0.086	-0.2509	0.2684	0.5203	0.2266	0.6067	0.2682	-0.081	-0.2019	-0.517	-0.5246	-1.0647
PBANKA_136060	-0.3157	-0.3546	-0.2475	0.3149	-0.3253	0.0671	0.2331	0.1641	0.6594	0.4421	-0.1299	0.5511
PBANKA_102340	0.3831	0.1344	0.3769	0.4569	0.1489	0.288	0.3325	-0.0412	-0.2105	-0.375	-0.7776	-0.4582
PBANKA_102010	-0.338	-0.495	-0.3506	-0.7708	-0.1562	-0.4495	-0.0576	-0.2712	-0.2132	0.1516	0.2256	-0.6583
PBANKA_133080	0.0524	-0.0713	0.0387	0.4703	0.1465	0.3801	0.1232	-0.3641	-0.3633	-0.6539	-1.0223	-0.9731
PBANKA_060950	0.1732	-0.2827	-0.0214	-0.0624	-0.3633	-0.3929	-0.0894	0.5473	0.1635	0.4069	1.1513	1.1332

PBANKA_051430	-0.1146	0.6817	-0.2663	-0.7397	-0.2493	-0.08	-0.1387	-0.3232	0.1517	0.3373	1.1759	1.3764
PBANKA_110570	0.3021	0.181	-0.017	-0.2341	-0.6216	-0.2839	-0.855	-0.4771	0.0107	-0.0032	0.6666	1.2884
PBANKA_082300	0.1636	0.6104	0.3433	0.109	0.0335	0.1723	0.2374	0.0829	-0.3348	-0.0767	0.1638	1.805
PBANKA_051560	-0.2082	0.0945	0.0577	0.1044	0.27	0.1995	0.251	0.2207	-0.2374	-0.1775	-0.5105	-0.3517
PBANKA_133180	-0.5897	-0.7609	0.081	0.0834	-0.0218	0.6137	0.1606	0.0019	-0.2592	-0.4671	-0.7479	-0.8615
PBANKA_101610	-0.4185	-0.1597	-0.2646	-0.1678	-0.1324	0.1797	0.4818	0.2446	0.1592	0.065	-0.5157	-0.5608
PBANKA_041060	0.6082	0.3926	0.3091	0.235	0.3188	-0.0336	-0.3598	-0.9446	-0.995	-0.9825	-0.7396	-0.9014
PBANKA_140590	-0.2922	-0.7119	0.2852	0.3145	0.2611	0.5042	0.3797	0.4659	0.3967	0.4455	-0.1677	-0.1985
PBANKA_135010	0.1177	0.3284	0.2558	0.4827	0.0635	0.1901	0.0612	0.3739	0.0551	-0.1005	-1.1099	-1.1298
PBANKA_102860	-0.0993	0.5085	-0.0697	-0.2365	-0.5704	-0.0367	-0.1492	-0.0855	-0.0752	-0.1722	-0.5615	0.0657
PBANKA_132960	-0.2173	0.7245	-0.3186	-0.1899	-0.2339	-0.7053	-0.5561	-0.4053	0.435	0.6249	0.7409	0.9205
PBANKA_080040	0.3477	-0.2362	0.2015	0.4559	0.3627	0.3142	-0.0759	-0.0666	-0.1036	-1.0888	-0.7654	-0.2532
PBANKA_135410	-1.1417	-1.0955	-0.4792	-0.0268	-0.3429	0.0283	0.452	0.4032	0.51	0.6893	0.3847	-0.3543
PBANKA_050970	-0.1112	-0.8773	0.1027	-0.177	0.0884	-1.1128	0.3486	0.2309	0.5971	0.4475	0.1917	0.1487
PBANKA_082010	-0.9192	-0.1156	-0.6274	-0.2642	-0.2311	0.3988	0.1378	0.4124	1.0157	1.0279	0.5966	0.386
PBANKA_110300	0.2623	-0.0616	0.1717	0.2086	0.0696	-0.0718	0.1068	-0.2381	0.3265	0.32	0.2248	0.4087
PBANKA_030980	0.0978	-0.3003	0.4009	0.1005	-0.0107	0.0999	0.2253	-0.2964	-0.5808	-0.5787	-0.8922	-0.6153
PBANKA_124610	-0.3803	-0.0726	-0.513	-0.2305	-0.6394	0.1462	-0.18	0.2536	1.1516	1.312	1.2365	1.7676
PBANKA_092950	-0.3978	0.0555	-0.5302	-0.5455	-0.0508	0.4101	0.2819	0.4433	-0.058	-0.2073	-0.6744	-0.1705
PBANKA_041740	-0.7367	-0.2967	-0.2039	-0.0597	0.0069	-0.048	0.1111	0.3846	-0.1281	0.004	-0.361	-0.8171
PBANKA_030420	-0.0256	0.0686	-0.0405	-0.0774	-0.2473	-0.429	-0.8917	-1.1865	-0.6515	-0.7577	0.095	0.5126
PBANKA_132640	0.0351	0.1209	0.2788	0.5096	0.7403	0.37	-0.0769	-1.1099	-1.6001	-2.4875	-1.9147	-2.3591
PBANKA_091140	0.1147	-0.1196	0.1039	0.1752	0.003	0.283	-0.3242	-0.4819	-0.3198	-0.5142	-0.2768	0.0276
PBANKA_140410	-0.4865	-0.27	-0.4233	-0.5474	0.092	-0.5616	-0.24	0.1455	-0.5514	-1.0303	-1.4079	-0.8391
PBANKA_140530	0.8047	-0.0708	0.1058	0.3199	0.1836	0.0528	0.1372	0.065	0.0306	0.1295	0.029	0.1785
PBANKA_071670	0.3344	-0.3537	0.4074	0.0024	0.1551	-0.1099	-0.0677	-0.0852	0.368	-0.0271	-0.4005	0.2029
PBANKA_112180	0.279	-0.0299	0.082	0.2044	0.0166	0.3402	0.0639	0.1486	0.2432	0.1383	0.4068	0.0432
PBANKA_144320	0.5411	-0.1674	0.3334	0.1029	-0.1195	0.4831	-0.1038	-0.116	-0.3824	-0.4566	-0.5601	-0.9062
PBANKA_091920	-0.3283	-0.2488	-0.1752	0.3222	0.1094	0.1209	0.038	-0.1508	0.1388	-0.1553	-0.1843	0.7678
PBANKA_051170	-0.0992	0.1734	0.0477	0.039	0.3495	0.691	-0.1077	0.0496	0.111	0.0555	0.133	0.7408
PBANKA_113910	0.7345	0.3216	0.2024	-0.0402	0.1099	0.5632	0.1923	-0.0008	-0.2519	-0.2312	-0.4003	-0.4204
PBANKA_041390	0.2675	0.0987	0.1051	0.4617	-0.0941	0.1332	0.0397	-0.1944	-0.4854	-0.6742	0.2335	-0.6126
PBANKA_121640	0.0794	0.4016	0.1396	-0.1079	0.1831	-0.6201	-0.4316	-0.6299	-1.1395	-0.9321	-0.3656	-0.8919
PBANKA_090960	-0.0294	0.1895	-0.0082	-0.2618	-0.0148	0.1825	-0.7322	-0.934	-1.0842	-0.9075	-0.4679	-0.0462
PBANKA_114210	0.5084	0.4012	0.3005	0.1472	0.2184	0.1574	0.1791	0.1177	0.0213	-0.2708	0.6766	0.3729
PBANKA_131420	-0.1253	0.5821	0.1252	-0.1529	0.2383	-0.5804	-0.351	-0.0164	-0.9098	-0.3482	0.0841	-0.4725
PBANKA_110640	0.351	0.5834	0.3681	0.253	0.3349	-0.4656	-0.3301	0.0052	0.2047	0.0074	0.2356	0.4928
PBANKA_145570	0.2644	0.3199	0.2066	0.2605	0.0872	0.4223	-0.0609	-0.8287	-1.0543	-0.5383	-0.6751	-0.7971
PBANKA_040310	-0.5199	-1.0338	-0.089	0.4019	0.1415	0.4214	0.5217	0.1297	0.0592	-0.3107	-0.6962	-0.3798
PBANKA_081530	0.5352	0.8252	0.2449	0.1961	0.1879	0.0092	-0.223	-0.0661	0.248	-0.26	0.0078	0.5206
PBANKA_094020	0.3902	-0.0309	0.5083	0.4025	0.3892	0.6679	0.2772	0.0376	-0.0183	-0.3926	-0.78	-0.4083
PBANKA_011120	0.2475	-0.121	0.1436	0.3709	0.0475	-0.0954	-0.5555	-0.418	0.1307	0.3767	0.849	1.392
PBANKA_135270	0.2142	0.5296	0.1057	-0.5732	-0.3093	-0.6588	-0.1535	-0.2936	-0.4448	-0.029	0.3024	0.3877
PBANKA_122700	-0.455	-0.4014	-0.5626	-0.3428	0.1654	-0.1396	0.2372	0.7106	0.9252	0.9354	0.121	-0.195
PBANKA_091870	-0.2135	-0.2217	0.0467	0.0019	0.2177	0.8125	0.2382	0.0424	0.0012	-0.5022	-0.6746	-0.2885
PBANKA_080960	-0.3607	0.0248	-0.1778	0.0606	0.0187	0.382	0.2931	0.7186	0.8086	0.6877	-0.1762	0.2485
PBANKA_060740	-0.304	1.2768	-0.1545	-0.2289	0.1492	-0.5296	0.0684	0.2162	0.1489	0.2639	-0.0782	0.3966
PBANKA_103100	0.1685	-0.2117	-0.5415	-0.6366	-0.4285	-0.0599	-0.6751	-0.6634	-0.0598	0.0747	0.904	0.941
PBANKA_110680	0.2663	0.191	0.006	0.5582	0.1822	0.3535	0.0926	-0.0974	0.2219	0.5602	0.6301	0.5217
PBANKA_060570	0.5383	0.4469	0.2844	-0.0526	-0.2313	-0.2677	-0.4174	-0.2702	-0.0948	0.2432	0.6194	0.5785
PBANKA_090690	0.5897	0.3003	0.2619	0.075	0.0382	0.0075	-0.127	0.0089	0.0547	0.0467	-0.1972	0.0126
PBANKA_112620	-0.3262	-0.2837	0.409	0.3883	0.54	0.3366	0.0291	-0.6492	-1.1539	-1.8815	-1.997	-2.0895
PBANKA_122720	0.5971	0.5028	0.0284	-0.2119	0.1981	0.239	0.027	0.3083	-0.1038	0.0362	-0.5266	0.153
PBANKA_145070	0.0385	0.854	0.2057	-0.0798	0.1338	-0.15	-0.6511	-0.537	-0.6853	-0.5477	-0.3005	0.0673
PBANKA_110400	-0.082	-0.1242	0.3405	0.0104	0.2866	0.6299	-0.2168	-0.3777	-0.539	-0.8062	-0.8246	-0.7312
PBANKA_122160	0.1993	1.0508	0.1584	-0.0135	0.3702	0.2013	0.0496	0.1597	-0.1266	0.0318	0.1548	0.4938
PBANKA_041280	-0.1542	-0.1408	0.3033	0.1939	0.2434	-0.0877	-0.1817	-0.727	-0.3623	-0.9177	-0.6373	0.5282
PBANKA_091110	-0.23	-0.0451	0.0641	0.1759	-0.2001	-0.4055	0.3315	0.3259	0.5088	0.492	0.4576	0.6729
PBANKA_010940	-0.2637	-0.4754	0.0557	-0.0494	0.4693	0.1876	0.2971	-0.1808	-0.2644	-0.3967	-0.9771	-0.5865
PBANKA_060860	0.2116	0.684	0.3232	-0.0005	0.1066	-0.9595	-0.1343	0.0308	0.3448	0.3543	0.6681	1.1261
PBANKA_051500	-0.8325	-0.7666	-0.9229	-0.7647	-0.5818	-0.732	-0.8458	-0.1142	0.3247	0.6336	0.9062	1.873
PBANKA_071600	-0.3665	0.2607	0.0564	0.1833	0.1974	0.224	0.0798	0.0081	0.171	0.2261	-0.296	-0.4914
PBANKA_062060	-0.113	0.6478	-0.2489	0.089	-0.1986	-0.3192	-0.1388	0.0446	0.3224	0.6226	-0.124	0.8587

PBANKA_052160	-0.1837	0.5148	0.1533	-0.0124	0.2984	0.158	0.0641	-0.2745	-0.4125	-0.6843	-0.4377	-0.1807
PBANKA_050230	0.188	1.0742	0.0336	-0.2451	0.0119	-0.2632	-0.2601	-0.1196	-0.5475	-0.3282	-0.6392	-0.3297
PBANKA_144020	0.0165	-0.2257	0.0249	-0.163	-0.1371	-0.1826	0.1604	-0.03	0.4071	0.5043	0.9191	0.8699
PBANKA_101980	-0.0443	0.0202	0.2629	0.4115	-0.0549	0.0951	0.2881	0.3242	0.3265	0.236	0.1844	0.395
PBANKA_121610	0.6328	0.83	0.1671	0.9104	0.0924	0.3123	-0.316	0.0074	-0.052	-0.2714	-0.1543	0.3445
PBANKA_131890	-0.7413	-0.2684	-0.4389	0.0177	0.4764	0.3683	0.1724	-0.0419	-0.2524	-0.4809	-0.5084	-0.378
PBANKA_101800	0.5806	-0.1721	0.2508	0.7757	0.0409	0.2656	0.0735	0.1181	0.0262	-0.0577	0.1504	0.784
PBANKA_051710	0.0814	0.4635	0.1639	0.086	0.2186	-0.0297	-0.3544	-0.5027	-0.5675	-0.666	-0.4434	0.2282
PBANKA_134230	-0.6988	-0.3456	-0.7495	0.1235	-0.2368	-0.5442	-0.4387	-0.0417	0.5076	0.4474	1.5696	1.7207
PBANKA_130980	-0.4652	-0.3473	-0.2348	-0.5597	-0.2126	-0.2937	0.0578	0.2974	0.5244	0.4202	0.6557	0.4306
PBANKA_131030	0.0393	-0.572	-0.4562	0.3269	0.2537	0.4048	0.2424	0.6313	0.5132	0.3399	0.2355	0.2685
PBANKA_120790	-1.1507	-0.8088	-1.0087	-0.829	-0.9981	-0.3492	-0.1774	0.4783	1.0303	1.448	1.5097	0.9765
PBANKA_060480	0.6047	0.6792	0.1923	0.3265	0.0668	-0.0946	-0.4199	-0.5831	-0.7675	-0.6184	-0.2161	0.1898
PBANKA_133430	-0.0986	-0.2628	-0.026	-0.0597	-0.0816	-0.2443	-0.402	-0.2728	0.3885	0.2025	0.0559	0.7785
PBANKA_070620	0.1349	0.4403	0.128	0.5533	0.1663	0.0541	-0.4833	-0.8671	-1.0256	-1.4273	-1.194	-0.6088
PBANKA_144070	0.4978	0.3757	0.5502	-0.634	0.0702	0.2772	0.0578	0.1434	-0.1902	-0.0137	-0.1578	-0.2542
PBANKA_070880	0.5461	1.062	0.8669	0.3891	0.2723	-0.6537	0.2036	-0.0947	-0.2646	-0.2003	-0.7306	-0.1408
PBANKA_141480	-0.4858	-0.0624	-0.6433	-0.3126	-0.3733	-0.3508	-0.5935	-0.06	0.5808	0.5605	1.2272	1.5396
PBANKA_101740	-0.8144	-0.0306	-0.5038	-0.1264	-0.0496	-0.1718	0.3367	0.7137	0.5917	0.8839	0.1687	0.3368
PBANKA_112350	-0.5494	0.1598	-0.6356	-0.7893	-0.4678	-0.7043	-0.1372	0.0369	-0.3027	-0.153	0.0235	0.1105
PBANKA_021210	0.5356	0.1907	0.2027	0.1814	0.2623	-0.2552	-0.1424	-0.6675	-0.7355	-1.5151	-0.8972	-0.9865
PBANKA_122620	-0.2076	0.379	-0.1508	-0.2326	0.0177	-0.0215	-0.3932	-0.4241	-0.6357	-0.435	-1.1218	-1.1913
PBANKA_070150	-0.2181	0.739	0.0475	0.3163	0.1519	0.3163	-0.4329	-0.7478	-0.8489	-0.7712	-0.6977	-0.5828
PBANKA_135620	-0.6791	0.5777	-0.3422	-0.0124	-0.0746	0.1305	0.1551	0.2727	0.4153	0.5894	0.1832	0.4738
PBANKA_061210	-0.4615	-1.3259	-0.2677	-0.2029	0.5941	-0.3137	-0.0967	-0.0365	-0.231	-0.189	0.1837	0.1718
PBANKA_040930	0.3587	0.4296	0.1765	0.2344	0.1572	0.3077	-0.2003	-0.3197	-0.3105	-0.5449	-0.3228	-0.7743
PBANKA_135730	-0.7261	0.0186	-0.7316	-0.4074	-0.2267	-0.3608	-0.0553	0.2726	0.3964	0.8626	0.6032	0.5004
PBANKA_070100	0.4669	0.8366	0.1507	0.0616	0.0122	-1.0212	-0.3361	-0.1516	0.1368	0.7588	0.856	1.2971
PBANKA_123540	0.4226	0.5722	0.3091	0.1602	0.1123	0.5199	-0.1921	0.044	-0.111	-0.1569	-0.2366	-0.0235
PBANKA_093960	0.3391	1.0063	0.1556	-0.4014	-0.1133	-0.7339	-0.5818	-0.2849	-0.1777	0.2927	1.0303	0.804
PBANKA_000480	0.1022	-0.3251	0.1574	0.3836	0.1121	0.6175	0.2165	0.6168	0.117	0.1759	0.3392	-0.4257
PBANKA_130510	0.0886	-0.3694	0.2187	0.4047	0.0451	0.4887	-0.1654	-0.6736	-0.6851	-1.1457	-0.7339	-0.4102
PBANKA_120580	-0.4261	0.1121	0.0449	0.3237	0.0336	0.2515	0.5284	0.6353	-0.0486	-0.4018	-1.181	-1.1437
PBANKA_146080	0.1838	0.3373	0.0121	0.0866	-0.1103	-0.0989	-0.0147	0.2291	0.1707	0.1955	0.2025	0.2778
PBANKA_144950	-0.6999	-0.6212	-0.4882	-0.0867	0.1424	0.0216	0.0431	0.1401	0.0133	-0.1273	-0.3699	-1.0741
PBANKA_141830	0.0098	0.4584	-0.0355	0.1347	-0.1348	0.1716	-0.2413	-0.2383	0.1938	0.0595	0.1238	0.5688
PBANKA_021480	0.2979	0.7655	-0.1772	0.0825	-0.2967	-0.2094	-0.3256	-0.1533	-0.0044	0.203	0.8953	1.3689
PBANKA_083220	-0.2994	-0.28	0.2666	0.3647	0.5918	0.6814	0.469	0.1712	-0.1163	-1.102	-1.8222	-2.0626
PBANKA_031240	0.0704	0.2386	0.158	-0.0096	-0.0127	-0.1077	-0.0501	0.0411	-0.4116	-0.2624	0.2109	0.5442
PBANKA_135710	0.3048	0.7284	-0.3017	-0.405	-0.0858	-0.3126	0.0724	-0.0833	0.4051	0.3938	-0.0603	-0.1503
PBANKA_061010	0.3968	0.4823	0.3131	0.2208	0.1691	0.2023	0.1614	0.5188	0.2625	0.1461	0.088	0.2236
PBANKA_093800	0.1534	0.1055	-0.0409	-0.1187	0.0063	0.6526	-0.0515	0.0339	0.419	0.492	1.5826	1.8215
PBANKA_140650	-0.3772	-0.7399	-0.722	-0.3732	-0.3361	-0.2989	-0.1231	0.3199	0.28	0.7982	0.1026	0.1459
PBANKA_141690	-0.4499	-0.3975	-0.4766	-0.432	-0.131	0.2546	0.0748	0.1418	0.3018	0.5571	0.2724	-0.1231
PBANKA_050530	-0.4794	-0.0243	-0.4159	-0.1541	-0.4961	0.7116	0.0169	-0.2105	0.0865	-0.2956	-0.4256	0.0062
PBANKA_123070	0.1	0.5768	0.1341	0.3818	0.0472	-0.2703	-0.0104	0.1852	-0.0846	-0.007	0.018	-0.3379
PBANKA_142990	-0.0346	0.1101	0.0924	0.2395	0.2229	-0.2801	0.1999	-0.2612	-0.2437	-0.5012	0.096	-0.2148
PBANKA_112690	0.3586	0.3364	0.3809	0.5299	0.2893	0.3462	0.166	0.0016	-0.0295	-0.0063	-0.251	0.1739
PBANKA_041600	-1.2899	-0.5814	-0.5985	-0.2571	0.1276	-0.1513	0.6839	0.6276	0.1102	0.2104	-0.4545	-0.9103
PBANKA_133330	0.0027	-0.6149	0.0851	0.1253	0.2475	0.4006	0.1051	-0.1217	-0.1905	-0.1079	-0.6557	-0.4994
PBANKA_111390	-0.3268	0.0218	-0.0394	0.1093	0.0546	-0.0325	0.4365	0.2086	0.1611	-0.003	-0.7086	0.0541
PBANKA_120550	-0.858	-0.9921	-0.6821	-1.3362	-0.4773	-0.6413	-0.2483	-0.2327	0.4311	0.35	0.068	-0.2087
PBANKA_010850	0.317	0.4523	0.3672	-0.0245	-0.118	0.4344	-0.1961	-0.1644	-0.2932	-0.4991	-0.4759	-0.827
PBANKA_101890	-0.2161	-0.0944	0.3474	0.7813	0.1404	0.3551	0.2665	0.1764	0.0701	0.2015	-0.2465	-0.581
PBANKA_133410	-0.5001	-0.5903	-0.0309	0.3853	0.6607	0.5774	0.3676	-0.1468	-0.4284	-1.1071	-1.3398	-1.7291
PBANKA_100680	0.0566	0.2088	-0.161	-0.3211	-0.1267	0.0186	-0.2584	0.1739	0.2855	0.2351	0.8776	1.5928
PBANKA_052170	0.2409	-0.5805	-0.2583	-0.4548	-0.2059	-0.5574	-0.6864	-0.1664	0.1073	0.7834	1.2962	0.516
PBANKA_135600	0.2179	0.7409	0.0934	-0.0655	0.0763	-0.2626	-0.1728	-0.1525	0.0086	0.2071	0.8515	0.7523
PBANKA_123860	-0.0439	-1.009	0.1462	0.2325	0.0722	0.3151	-0.1534	0.1806	-0.0778	-0.2021	0.425	0.1854
PBANKA_130350	-0.7505	-0.8287	-0.278	-0.1606	0.0673	0.3203	0.3895	-0.0713	-0.0189	-0.3545	-1.0466	-0.9888
PBANKA_133880	0.1267	0.1804	0.2641	0.3827	0.2648	0.1063	-0.1512	-0.631	-0.2606	-0.4071	-0.6667	-0.4939
PBANKA_110950	0.1382	-0.4851	-0.1422	0.9505	-0.0213	0.6246	0.0265	-0.0582	-0.3704	-0.2332	-0.1438	-0.4814
PBANKA_143850	-0.0179	-0.0934	0.1804	0.2483	-0.0435	-0.1054	0.2248	0.2022	0.0851	-0.08	-0.4164	-0.5484

PBANKA_010640	0.0289	0.4034	-0.3468	-0.2979	0.0808	-0.0224	0.0796	0.097	0.1602	-0.0973	-0.382	-0.374
PBANKA_135090	-0.1059	-0.2178	-0.118	0.1637	-0.7166	0.0159	0.2726	-0.1943	-0.2295	-0.5546	-0.456	-0.8867
PBANKA_080560	-0.1947	-0.2681	-0.0387	-0.1493	-0.1102	-0.2534	-0.163	-0.4851	-0.6916	-0.9223	-1.3252	-0.985
PBANKA_112480	-0.1196	0.3883	0.1181	-0.0511	0.1163	0.8761	0.0845	-0.1913	-0.2159	-0.2162	-0.5226	-0.2899
PBANKA_135650	-0.616	-0.8614	-0.3359	0.2189	0.081	0.6674	0.8622	0.3166	0.2909	-0.3117	-1.4437	-1.1214
PBANKA_061170	-0.4473	-0.396	-0.3281	0.4977	-0.1179	0.6557	0.5065	0.3327	0.3666	0.2128	-0.0174	-0.2362
PBANKA_135690	-0.1969	-0.5982	-0.0307	0.8637	0.4114	0.7141	-0.0434	-0.2736	-0.1717	-0.0338	-0.3717	-0.2624
PBANKA_141140	-0.8048	-0.0964	-0.0032	0.3025	0.1574	0.232	0.1077	0.0661	0.0686	-0.1268	0.4036	-0.071
PBANKA_143890	0.2902	0.51	0.3683	0.0194	0.1986	0.4121	0.2086	-0.1042	-0.0443	-0.1238	-0.1518	0.3088
PBANKA_133190	0.475	0.3869	0.5151	0.2852	0.3617	-0.1354	-0.9366	-0.9696	-0.7486	-0.7759	0.232	0.7217
PBANKA_144890	-0.2691	0.0094	-0.3161	-0.2458	0.1808	0.2842	-0.223	-0.0137	-0.2929	-0.5157	0.0049	0.0425
PBANKA_142550	-0.1592	-0.161	-0.5369	-0.7832	-0.3985	-0.4924	-0.6362	-0.5989	-0.656	-0.9326	-0.6229	-1.0546
PBANKA_071840	-0.1412	-0.578	0.3939	0.1798	0.352	0.2368	0.3623	0.2084	0.016	-0.3011	-0.6733	-0.4829
PBANKA_123430	-0.4783	0.8002	0.1336	0.1932	0.053	0.3599	-0.3338	0.008	-0.3502	0.1068	0.3382	-0.2861
PBANKA_092750	0.068	0.3093	0.0525	0.2259	-0.2123	0.2673	0.3338	0.5359	0.5644	0.3971	0.0764	-0.0239
PBANKA_113670	0.2488	-0.5328	-0.2603	-0.3628	0.0217	-0.4697	-0.0946	0.0763	0.0922	0.1233	1.1879	0.3068
PBANKA_132720	-0.3344	-0.0707	0.0842	-0.3808	0.095	0.4179	-0.1612	-0.7392	-0.7336	-0.7182	-0.3378	-0.5941
PBANKA_114410	0.1559	0.7795	0.0805	0.2327	0.2806	-0.1876	0.0866	-0.1063	-0.1703	-0.4285	-0.1102	-0.3329
PBANKA_141130	0.6066	0.1259	0.3363	0.3016	0.3542	-0.0952	0.0498	-0.086	-3.1565	-0.0724	-0.4092	-0.6483
PBANKA_122200	0.1344	0.4561	0.1074	-0.0607	0.1077	-1.1014	0.0605	-0.2392	0.0473	-0.1268	0.0089	-0.6374
PBANKA_090670	-0.043	0.215	-0.0083	0.3817	0.1479	-0.042	-0.1277	0.0518	-0.0243	0.121	-0.5427	-1.7533
PBANKA_143260	-0.0663	-0.6317	0.2057	0.47	0.5567	0.7938	0.0736	-0.1308	-0.1919	-0.5601	-0.7579	-0.1794
PBANKA_120690	-1.306	-0.426	-0.7608	-0.4193	0.2884	-0.1623	-0.3923	-0.4311	-0.3282	-0.3378	0.1406	0.0475
PBANKA_010310	-0.4286	-0.4632	0.091	0.0179	-0.1833	0.6698	0.2492	0.155	-0.2367	-0.3076	0.2769	-0.8258
PBANKA_103210	-3.0801	-1.651	-2.7778	-1.8389	-1.4117	-0.0433	0.3918	0.8046	1.31	1.7299	0.6171	0.1545
PBANKA_135430	0.446	1.2003	0.3803	0.442	0.0179	0.139	-0.4732	-0.5813	-0.2348	-0.257	0.8274	0.916
PBANKA_110480	0.2499	-0.187	-0.0508	0.5431	0.1333	-0.7569	-0.1091	-0.22	-0.266	-0.3997	-0.434	-0.1229
PBANKA_143530	0.0128	-0.1146	-0.4101	-0.4182	-0.1442	-0.2119	-0.1527	-0.003	0.0891	0.0677	-0.4428	-0.3423
PBANKA_062140	-0.3194	1.2997	-0.2274	-0.633	-0.4524	-0.148	-0.8464	-0.2708	-0.4331	0.112	0.6681	1.0852
PBANKA_030380	-1.0797	-0.9796	-0.8418	-0.1537	-0.2034	0.5231	0.3209	0.4587	0.5481	0.2674	-0.0318	-0.2325
PBANKA_111540	0.0243	-0.4538	0.1957	-0.229	0.0321	0.1321	-0.3467	-0.6556	-0.8386	-1.2301	-1.2447	-1.1834
PBANKA_070340	0.0028	0.4072	0.0677	-0.3702	-0.0089	0.457	-0.0807	-0.1041	-0.492	-0.6309	-0.7151	0.258
PBANKA_133230	-0.2507	-0.7305	-0.0919	-0.1014	0.3549	0.6626	0.246	-0.1344	0.0412	-0.0741	-0.6541	-0.2093
PBANKA_030160	-0.0758	-0.342	0.1804	0.0912	0.0614	0.3509	0.0169	0.1956	0.1461	0.2581	0.4345	1.0566
PBANKA_145560	0.087	0.3711	-0.1495	-0.3133	-0.1772	-0.3044	-0.2142	-0.2575	-0.4136	-0.6323	-0.7353	-1.3004
PBANKA_092910	-0.0899	-0.6458	0.0598	0.2089	0.4492	0.0185	0.3155	0.1217	0.3234	0.3596	0.0394	0.7564
PBANKA_062000	0.252	0.4361	0.1128	0.4632	0.3257	0.1096	0.0604	0.0701	0.0676	0.1293	0.5948	0.8105
PBANKA_103830	-0.2517	-0.001	-0.2208	-0.1091	-0.0485	-0.272	-0.0428	-0.4016	-0.6153	-0.6992	-0.8153	-0.1122
PBANKA_041110	0.1355	0.0499	0.1613	0.2586	-0.0614	0.492	0.4339	0.2354	0.3093	-0.1317	0.0278	-0.132
PBANKA_121960	0.2114	0.746	0.2414	0.0915	0.3291	-0.2365	-0.3852	-0.3479	-0.2532	-0.4011	-0.45	-0.0412
PBANKA_071460	-0.7127	-0.7927	-1.1161	-0.5657	-0.3003	-0.4651	0.2724	0.466	0.6076	0.3722	0.134	0.2476
PBANKA_093360	-0.5536	-0.9212	-1.1578	-1.4698	-1.2319	-1.0313	-0.67	-0.232	0.2829	-0.014	-0.9011	0.5367
PBANKA_141070	0.0466	-0.4321	0.2982	0.3806	0.2475	0.0603	-0.1106	-0.6215	-0.3881	-0.9708	-1.3087	-1.2812
PBANKA_060460	0.0264	-0.8142	-0.042	0.3813	-0.0854	-0.362	-0.5454	-0.3978	-0.3088	0.1373	1.2168	0.0611
PBANKA_030100	0.0363	0.1684	-0.36	-0.2919	-0.5234	-0.4998	-0.2845	0.2585	0.9091	1.3738	0.8806	-0.2395
PBANKA_142480	-0.3402	0.2554	-0.3738	-0.2961	-0.1228	-0.0845	-1.0563	-0.6159	-0.3995	-0.6343	-0.2659	0.1832
PBANKA_121900	0.5146	0.2893	0.1595	0.0106	0.1582	0.0286	0.0095	0.1558	-0.2134	-0.4394	-0.1073	-0.73
PBANKA_062020	-0.7924	-0.7239	-0.6111	-0.2378	-0.0641	0.1366	0.2679	0.3141	0.5365	0.3316	-0.0951	0.4688
PBANKA_140380	0.7017	0.5693	0.291	-0.0306	0.2215	-0.2507	-0.2829	-0.5332	-0.769	-0.6435	-0.3692	-0.4034
PBANKA_020320	0.3589	0.0804	0.029	0.2511	-0.0577	0.3717	-0.167	0.0076	0.4595	0.4335	0.7863	1.1852
PBANKA_050360	0.2334	0.1971	0.3602	0.395	0.2892	-0.1013	-0.4305	-0.7889	-0.8485	-1.0324	-0.7546	0.0493
PBANKA_113170	0.1509	0.8728	#####	0.0117	0.0105	-0.5717	0.0717	0.0946	-0.1324	-0.2627	-0.5465	-0.2891
PBANKA_144910	-0.0039	0.5041	0.1488	0.3582	0.3526	0.4011	0.1624	-0.2941	-0.1219	-0.2721	-0.1428	0.0327
PBANKA_123600	0.3986	-0.2599	0.5369	0.6098	0.3825	0.5741	0.4885	-0.0074	-0.1991	-0.9008	-1.2642	-0.8105
PBANKA_145210	-0.124	1.1967	0.0762	0.103	-0.1005	0.0038	0.0053	-0.3045	-0.1842	0.0159	0.551	0.2209
PBANKA_141510	-0.0335	0.3139	-0.0241	0.1171	0.1229	-0.2106	-0.2869	-0.316	-0.1105	0.0343	-0.068	-0.0529
PBANKA_082640	-0.5521	-0.575	-0.1412	-0.0357	0.1747	0.2434	-0.0669	0.1339	-0.1005	-0.5255	-0.9236	-1.0966
PBANKA_100010	-0.6583	0.1098	-0.182	-0.7458	-0.2038	0.1953	-0.1787	0.1414	0.5039	1.0949	1.7472	0.6842
PBANKA_021030	-0.2339	-0.0981	0.0228	0.157	0.4265	0.7683	0.3167	0.0587	0.1178	-0.1547	-0.6405	-0.4912
PBANKA_081100	-0.1759	-0.1993	0.0692	0.1398	-0.1413	0.1522	0.0703	-0.2776	-0.8643	-1.1015	-0.9972	-0.7126
PBANKA_130140	-0.1894	-0.4874	-0.1177	0.2783	0.3612	0.341	0.058	-0.6643	-0.9007	-1.4993	-1.6182	-1.4638
PBANKA_041330	-0.1433	0.0819	0.2107	0.666	0.1005	0.5484	0.1309	-0.2374	-0.5418	-0.4516	-0.5116	-1.0631
PBANKA_110910	-0.4187	-0.7241	-0.1918	0.2749	0.3586	-0.8229	0.5951	0.3699	0.0283	-0.1667	-0.3651	-0.6473

PBANKA_134770	0.2979	0.8837	0.0628	0.0887	-0.1165	0.1482	0.0453	-0.5062	-0.4976	-0.3957	0.5114	-0.0314
PBANKA_061130	-0.3333	-0.1468	0.0055	0.0737	0.3678	0.4191	0.2963	0.1707	0.1197	0.2301	-0.473	0.1194
PBANKA_050830	0.1458	-0.315	0.0614	0.1092	0.02	-0.0059	0.2106	0.5436	0.5678	0.4114	0.302	0.1922
PBANKA_094150	0.3423	0.3904	0.5349	0.3583	0.2617	0.0237	-0.2584	-0.7591	-1.0593	-1.468	-0.9694	-0.4218
PBANKA_102480	-0.6584	-0.5902	-0.214	-0.0466	0.2419	0.1835	0.4608	0.1362	-0.1476	-0.4573	-0.9988	-0.9635
PBANKA_081340	-0.0456	0.089	-0.031	0.4507	0.039	0.3759	0.1595	0.0233	-0.3046	-0.1273	-0.0596	-0.1757
PBANKA_110620	0.1848	-0.1819	0.5772	0.0944	0.3376	0.87	0.3067	0.4135	0.1903	0.1355	-0.2488	-0.1113
PBANKA_141560	-0.4998	-0.482	-0.2976	-0.0077	0.3144	0.2149	0.3062	0.31	0.2168	0.1725	0.1731	-0.0956
PBANKA_113240	0.0876	-0.1488	0.0696	0.3092	0.1459	0.1196	0.499	0.2073	0.0538	-0.1646	-0.8732	-0.764
PBANKA_112980	-0.504	-0.2102	-0.5601	-0.5016	-0.2034	-0.24	0.3196	0.7205	0.6018	0.6035	0.6464	0.5106
PBANKA_112340	-0.7278	-0.5643	-0.4281	0.0386	0.154	-0.239	0.4517	0.0267	-0.0698	-0.3289	-0.314	-0.3615
PBANKA_146300	-0.1321	-0.1428	-0.0958	-0.1561	0.0663	0.268	-0.294	-0.0819	0.3122	0.5375	1.1175	1.1156
PBANKA_121940	-0.2194	-0.0837	0.3031	0.9137	0.4401	-0.4744	0.1915	-0.2275	-0.3801	-1.0113	-1.094	-0.5817
PBANKA_110390	0.2419	-0.4624	-0.1786	0.1699	0.3647	0.095	0.1861	-0.1408	0.1332	-0.2614	-0.7145	-0.7414
PBANKA_080450	-1.7285	-0.9603	-1.6812	-1.2579	-1.1872	-0.47	0.3387	0.9697	1.3372	1.7474	0.6737	0.0237
PBANKA_120870	-0.4999	-0.3342	-0.992	-0.5863	-0.725	-0.6592	-0.47	-0.0321	0.6539	0.6982	0.7734	2.3565
PBANKA_092520	0.4447	0.8714	0.3286	0.0407	0.2268	-0.0561	-0.188	-0.2808	-0.2506	-0.1998	-0.0598	0.2898
PBANKA_091470	-0.5726	-0.2085	0.0577	-1.0322	0.1781	-1.0059	-0.0908	-0.5011	-1.0665	-0.6937	-0.7545	-0.5772
PBANKA_102530	-0.3271	0.2269	-0.1905	-0.1646	-0.0648	-0.403	0.0381	0.2913	0.6261	1.0461	0.6728	0.3884
PBANKA_142040	-0.241	0.1848	0.0804	-0.1485	0.0496	0.0148	0.1584	-0.2238	-0.2325	0.1449	-0.412	-0.5886
PBANKA_130240	0.3079	1.1071	0.2331	0.1574	-0.3344	0.2675	-0.2632	-0.231	-0.3447	-0.1375	0.3703	0.8697
PBANKA_093640	0.1893	-0.1642	0.4181	0.4839	0.0247	0.4096	0.2918	0.4043	0.1629	-0.1285	-1.0929	-1.0262
PBANKA_030710	-0.3508	-0.1166	-0.0949	-0.1872	0.0034	-0.2343	0.471	0.7324	0.4033	0.5902	-0.121	-0.2323
PBANKA_130780	0.5008	1.5036	0.0023	-0.2992	-0.2958	-0.5156	0.0845	-0.1697	-0.3787	-0.2647	0.2921	0.0553
PBANKA_062190	0.5568	0.1452	0.3449	0.3764	0.0901	0.1439	-0.1554	-0.5043	-0.3844	-0.7142	0.2006	0.4044
PBANKA_070990	0.5864	0.3474	0.1788	0.2033	0.1884	0.2654	0.1925	0.0268	-0.0781	-0.0837	-0.216	-0.6101
PBANKA_111680	1.0724	0.6971	0.6563	0.124	0.0862	0.392	-0.3889	-0.2625	-0.4366	-0.6475	-0.5636	-0.0752
PBANKA_101000	0.5535	0.099	0.631	0.3755	0.5366	-0.2328	-0.8559	-1.1689	-1.7384	-2.085	-1.5885	-1.8165
PBANKA_080590	-0.3248	-0.2159	0.1831	-0.0351	-0.1578	0.3171	0.2059	0.1905	0.0552	0.0159	-0.2597	-0.6308
PBANKA_070840	-0.2475	-0.1267	0.3246	0.5436	0.2607	0.6016	0.4285	0.092	-0.3454	-0.6075	-1.1976	-0.5657
PBANKA_062050	0.2643	0.0712	-0.2476	0.4732	0.0962	0.2085	-0.1621	-0.3621	-0.255	-0.4813	-0.9201	-0.6497
PBANKA_092610	0.4728	-0.2484	0.1794	0.4964	0.2755	0.0431	-0.2557	-0.2726	-0.122	-0.2554	0.1222	-0.342
PBANKA_101430	-0.0111	0.4578	0.1513	0.3993	0.0896	0.3187	0.1302	-0.1757	-0.4812	-0.9271	-0.7926	-0.6175
PBANKA_080910	0.3877	0.3304	0.0108	0.1337	0.2602	0.3788	0.0541	-0.0489	-0.3467	-0.4693	-0.5369	-0.4794
PBANKA_093590	0.3978	0.7129	0.0759	0.4145	-0.1055	0.5295	-0.3558	-0.0312	0.0891	-0.1592	0.3593	-0.5028
PBANKA_090420	0.4924	0.769	0.0507	0.2498	0.1164	0.6071	-0.0418	0.3157	0.6406	0.5025	0.7018	1.1883
PBANKA_061320	-0.3446	-0.4934	-0.4885	-0.0229	-0.0337	-0.0286	0.2581	0.4749	0.4445	0.4148	0.0788	-0.132
PBANKA_093420	0.1075	0.4024	0.1879	0.2167	0.3144	-0.2297	-0.4625	-0.665	-0.8533	-0.7732	-0.6124	-0.8514
PBANKA_133940	0.2956	-0.4114	0.4432	0.2968	0.1346	0.0398	-0.1558	0.1637	0.0533	-0.1218	-0.5106	-1.1293
PBANKA_103760	0.0987	-0.1147	-0.5074	-0.7489	-0.3758	0.6815	-0.1511	-0.2599	0.4215	0.0366	0.3227	0.7099
PBANKA_100820	-0.3266	-0.2965	-0.1826	0.1103	-0.0755	-0.0415	-0.0731	-0.719	-0.7193	-0.3534	-0.3827	-0.6577
PBANKA_140290	0.1858	0.8685	0.4681	0.1352	0.0366	0.0782	0.1337	-0.014	0.147	-0.0007	-0.074	0.4687
PBANKA_030190	-0.0999	-0.0919	-0.1185	-0.0041	-0.0805	-0.2446	-0.1692	0.3713	0.2679	0.5937	0.189	-0.4041
PBANKA_145400	-0.0516	0.1751	0.2102	-0.5044	0.2128	0.4443	0.1637	0.4986	0.2405	0.2473	-0.3534	0.35
PBANKA_111880	0.0587	0.0378	-0.029	0.0457	0.0068	-0.4812	0.2787	0.5476	0.4062	0.2514	-0.3041	-0.1263
PBANKA_062210	0.1156	-0.1145	0.0241	0.3504	0.0666	0.5758	0.034	0.2683	0.3549	0.3219	0.1671	0.2671
PBANKA_112750	0.8115	0.5164	0.2825	0.0452	0.0899	-0.2297	-0.3109	-0.3595	-0.5335	-0.6397	0.1986	-0.4028
PBANKA_041270	-0.4407	-0.0585	0.1645	0.4434	0.3313	0.4472	0.0951	-0.4285	-0.7712	-0.9008	-1.1757	-0.9439
PBANKA_110670	0.4312	0.2486	0.2301	0.3276	0.3553	-0.0753	-0.0307	-0.673	-0.7425	-1.9849	0.1016	-0.9166
PBANKA_141120	-0.1764	-0.6815	-0.0458	0.0798	-0.0259	0.2639	0.256	0.331	0.7137	0.5142	0.217	-0.479
PBANKA_070370	-0.2781	0.5187	-0.2936	-0.3226	-0.0427	0.4682	0.084	0.4341	0.6422	0.7944	0.7353	0.759
PBANKA_062070	-0.388	-0.2919	-0.1282	-0.129	0.1438	0.0154	0.0327	0.4211	0.1029	0.4849	0.8431	1.1057
PBANKA_134650	-0.8762	-0.2604	-0.0925	0.1905	0.3413	0.4864	0.2314	0.0341	0.1471	-0.2171	-0.5256	-1.4268
PBANKA_090320	0.2728	-0.1059	0.1338	0.1538	0.0511	-0.7497	-0.2235	-0.3385	-0.1109	-0.4943	-0.2784	-0.043
PBANKA_130250	0.094	1.0475	-0.2829	-0.0724	-0.0825	0.5093	0.1164	-0.008	0.0518	-0.0823	0.1399	0.7997
PBANKA_094250	-0.1293	0.4052	-0.1301	-0.1756	0.187	-0.2706	-0.1198	-0.2558	-0.7493	-0.7748	-0.2753	-0.0956
PBANKA_134300	0.755	0.7308	0.5123	1.0875	0.8983	0.4185	-0.3876	-0.5639	-0.1463	0.1223	0.7124	1.552
PBANKA_090570	-0.373	0.7357	0.1121	0.3178	-0.2394	0.2978	0.2867	-0.1758	-0.0252	-0.0169	-0.0806	0.9197
PBANKA_093410	-0.8781	-1.6665	-0.5981	-1.692	-1.0336	-0.9707	-0.9628	-1.5653	-1.6087	-0.7664	-0.9118	-0.0192
PBANKA_145130	0.2211	0.357	0.3396	0.3052	0.4038	0.6206	-0.5225	-0.6772	-0.6629	-1.1942	-0.9285	-0.6213
PBANKA_120520	-0.6434	-0.2151	-0.0744	-0.0162	0.1938	0.3623	0.4431	0.3668	0.3475	0.1693	-0.179	0.4165
PBANKA_094240	-0.1956	0.1317	-0.1694	-0.7418	-0.0449	-0.172	0.0796	0.5037	0.547	0.6288	0.2567	0.806
PBANKA_144700	-1.1527	-0.6535	-0.4259	0.0686	-0.1068	0.3761	0.2691	0.0138	-0.0346	-0.0448	-0.3536	-0.3576

PBANKA_020020	0.3554	-0.2612	0.2047	0.7389	0.0089	-0.1346	0.1062	0.0761	0.5893	0.7055	1.1182	1.6297
PBANKA_144660	-0.0002	0.7055	-0.0584	-0.008	0.0691	-0.1185	-0.1546	0.1495	0.2109	0.3033	-0.0453	0.4776
PBANKA_103110	-0.1007	0.1523	-0.1013	-0.3459	0.0185	-0.6157	-0.3014	-0.1501	-0.4317	-0.3743	0.0135	-0.3178
PBANKA_145780	-0.2947	-0.323	-0.1601	0.0751	0.3852	0.1339	-0.2099	0.3421	0.0254	0.3422	0.0314	-0.4524
PBANKA_080320	0.1831	0.0808	-0.1991	-0.0364	0.0209	0.0179	-0.1327	-0.0947	-0.1555	0.0612	-0.2582	-0.1366
PBANKA_140660	-1.3633	-0.9957	-0.4948	-0.0265	0.0231	-0.2046	0.6234	0.3384	0.0976	-0.0188	-0.9852	-0.7932
PBANKA_143460	-0.0704	-0.1613	-0.0132	-0.1366	0.0497	0.1765	0.1099	0.5714	0.4215	0.6434	0.4433	0.1843
PBANKA_144340	0.0999	0.5679	-0.307	-0.1594	-0.4028	0.1588	0.2833	-0.0618	0.0407	-0.0072	-0.1103	-0.4012
PBANKA_142050	-0.0585	0.5594	0.124	-0.1936	-0.2435	-0.2646	-0.0298	-0.2503	-0.096	0.4272	0.9695	1.4387
PBANKA_101780	0.5649	0.2715	0.0274	0.4392	-0.0302	-0.1122	-0.3134	0.0625	-0.2055	-0.4881	-0.3822	-0.0499
PBANKA_135000	-0.3355	-0.2304	-0.2912	-0.1628	-0.3014	-0.0504	-0.3276	-1.0668	-0.3983	-0.3871	-0.2356	-0.8846
PBANKA_092560	-1.1137	-0.8278	-1.0511	-0.5271	-0.2634	0.0764	0.5826	0.7103	0.5744	0.6666	-0.4422	-0.1153
PBANKA_010780	-0.0029	-0.2733	-0.1634	0.1493	0.0258	0.4265	-0.0914	-0.2017	0.0697	-0.1956	0.0336	0.6516
PBANKA_082670	0.5179	1.1576	0.5138	-0.1212	0.5179	-0.256	-0.9559	-0.9416	-1.1014	-1.1795	0.5165	1.0391
PBANKA_124190	-0.0146	-0.68	0.4277	0.741	0.796	0.4459	-0.1261	-0.6812	-0.7692	-1.7579	-1.6938	-1.8966
PBANKA_041030	0.0063	0.0347	0.1512	0.5126	0.2714	0.3316	0.12	0.1726	-0.1204	-0.3893	-0.3893	-0.7735
PBANKA_130360	-0.2773	-0.2044	0.1294	-0.1035	0.1701	0.2825	0.1587	-0.0887	-0.9397	-0.841	-0.8612	-0.7515
PBANKA_041350	-0.1239	-0.3202	0.0947	-0.2973	0.0618	0.8838	0.0599	0.0251	0.2533	0.1345	-0.0807	0.2713
PBANKA_091360	-0.6194	-0.4714	-1.0914	-1.1229	-1.1957	-1.7668	-0.6195	-0.2948	0.1745	0.4588	0.6	0.471
PBANKA_041170	-0.3123	0.1883	0.1962	0.3406	0.2334	0.5041	0.3365	0.2653	-0.0975	-0.6392	-0.6314	-0.9076
PBANKA_040230	-0.6325	-0.4668	-0.4788	0.2377	0.4256	0.9001	0.7635	0.5497	0.8367	0.4136	-0.1042	-0.3713
PBANKA_122380	0.0411	0.4626	0.0004	-0.1829	-0.056	0.171	0.1052	0.4187	0.1475	0.39	-0.1768	-0.2971
PBANKA_102290	0.0015	0.3071	-0.262	0.3151	0.1059	0.3391	0.0127	0.3625	0.1233	0.0087	-0.454	0.1173
PBANKA_021050	0.1645	0.2253	0.2833	0.2606	0.4785	-0.252	0.1177	0.0955	0.1471	0.0025	-0.0891	-0.1408
PBANKA_062130	-0.3758	-0.8293	-0.6946	-0.8374	-0.2605	-1.0855	-0.6038	-0.7655	-0.4435	-0.2375	-0.9693	-0.7842
PBANKA_143350	-0.1061	-1.0452	-1.2685	0.3207	-0.1424	0.219	-0.0909	0.2475	-0.3173	-0.2696	-0.2934	-0.2233
PBANKA_020340	0.2212	-0.1389	0.1182	0.7706	0.1258	0.5966	0.1513	-0.0132	-0.2506	-0.6945	-0.8578	-0.6182
PBANKA_061740	0.1243	0.3901	0.1067	-0.0241	0.2092	0.0172	0.1284	0.2043	-0.1902	-0.1796	-0.3164	-0.4479
PBANKA_122630	-0.0999	-0.6816	-0.1077	-0.0686	-0.4805	-0.2377	-0.1277	-0.1249	-0.0535	0.529	0.6079	0.9529
PBANKA_111420	0.7021	0.843	0.114	-0.2485	0.4991	-0.7983	-0.0782	-0.2222	-0.009	-0.247	0.8049	0.8581
PBANKA_140160	-0.531	-0.1925	-0.1122	-0.035	0.3274	0.3949	0.5297	0.2673	-0.2551	-0.6123	-1.2653	-1.2629
PBANKA_136310	0.3204	0.1463	0.0361	-0.041	-0.4535	-0.1911	-0.5615	0.1762	0.709	0.844	0.5861	1.1275
PBANKA_135910	0.143	0.739	0.3273	0.5127	0.1528	0.283	-0.3137	-0.825	-0.566	-0.9332	0.0168	-0.1963
PBANKA_050850	-0.6846	-0.469	-0.0038	0.3514	0.2155	0.3809	0.3194	0.1561	-0.127	-0.5215	-1.0479	-0.9624
PBANKA_140240	-0.5053	-0.0911	-0.6849	-0.1641	-0.306	-0.57	-0.701	-0.5476	0.2028	0.1851	0.6228	1.1525
PBANKA_070780	0.0966	0.6352	-0.0605	0.0532	0.1789	-0.2667	-0.051	-0.3732	-0.1443	-0.4558	-0.3845	-0.1332
PBANKA_090850	-0.349	-0.7482	-0.0856	-0.1934	0.0108	0.3649	-0.1173	-0.2858	0.1265	0.015	-0.3546	-0.438
PBANKA_122370	0.4055	0.337	0.2877	0.412	0.299	0.1807	-0.0863	-0.1906	0.1404	-0.0609	0.3508	0.1106
PBANKA_062240	0.0923	0.1839	-0.0297	-0.5062	-0.4109	-0.1854	0.0652	-0.0289	-0.0577	0.387	0.6601	0.0808
PBANKA_102970	0.4108	0.4613	0.3246	0.4697	0.382	0.4062	-0.3115	-0.6923	-0.4373	-0.5177	-0.4555	-0.3476
PBANKA_060250	0.5343	-0.22	0.0643	-0.1613	-0.2656	-0.1342	-0.2728	-0.3577	0.2555	-0.0843	-0.0917	0.5043
PBANKA_101540	-0.4796	-0.1471	-0.153	-0.0757	0.0133	0.0771	0.2578	0.3099	0.6485	0.7184	1.0681	1.3092
PBANKA_092230	-0.2391	1.3766	0.2631	-0.1585	-0.0635	0.2093	0.1157	-0.298	-0.6415	-0.1782	-0.0193	-0.1011
PBANKA_031470	-0.4631	-1.4268	-0.6473	0.0655	0.0172	0.3374	0.3346	0.1999	0.0667	-0.3524	-0.4726	-0.4653
PBANKA_123790	-0.5868	-0.348	-0.2549	-0.8843	-0.3479	-0.5804	-0.4221	-0.0068	-0.8335	-0.471	-0.6076	-0.8542
PBANKA_092540	-0.302	0.3879	-0.0764	-0.1289	-0.0725	-0.2172	-0.0266	0.2081	0.5307	0.651	0.3894	0.398
PBANKA_020520	0.2233	0.048	0.08	-0.2307	0.2414	0.0311	-0.2986	-0.2105	-0.1907	-0.0732	-0.1633	0.226
PBANKA_080550	0.0795	0.5924	-0.2509	0.0895	-0.1487	-0.3619	-0.2999	-0.3141	-0.2414	-0.1188	-0.1791	0.0929
PBANKA_061710	0.8067	-0.6327	0.7281	-0.1777	1.082	-0.377	-0.2376	-0.6233	-0.441	-0.3503	0.9312	1.4558
PBANKA_050590	-0.1393	0.2125	-0.0565	-0.0212	-0.0262	0.1186	-0.1052	0.1481	0.6409	0.7501	0.4837	0.3549
PBANKA_113530	0.3832	0.5243	-0.0222	-0.268	-0.3786	-0.5816	-0.391	-0.3024	0.0133	0.4572	1.0499	1.2762
PBANKA_143410	0.2492	1.0491	0.0676	-0.0671	0.0946	-0.1603	-0.5203	0.0591	-0.1705	0.3727	1.3177	1.3432
PBANKA_131770	-0.1108	-0.8509	-0.4883	-0.5457	-0.2665	-0.2829	-0.245	-0.6143	-0.5851	-0.7025	-1.128	-0.6512
PBANKA_140230	-0.1811	-0.0519	0.1517	0.1738	-0.0181	0.0181	0.2153	0.184	0.0834	0.1092	0.1041	-0.1141
PBANKA_111230	-0.2325	0.3026	0.0165	-0.0525	-0.1144	0.0749	0.0024	-0.1523	-0.5027	-0.6546	-0.5065	-0.7405
PBANKA_052190	0.0387	0.0272	0.0967	0.1775	0.139	0.1138	-0.0517	-0.0756	0.084	-0.0108	0.0537	-0.1215
PBANKA_090920	0.2934	0.1118	0.1945	0.2361	0.1387	-0.0161	0.1008	0.1967	0.034	-0.1582	-0.4022	-0.3851
PBANKA_102180	0.2492	0.6893	0.153	0.2601	0.051	0.8247	-0.1212	-0.2899	-0.3705	-0.4734	-0.1332	-0.428
PBANKA_111800	0.0112	0.4905	0.0739	0.3588	-0.3731	-0.1459	-0.3018	0.1558	0.069	0.0747	-0.1397	0.4347
PBANKA_111430	0.1951	-0.6961	0.1791	0.0623	-0.0981	0.4156	0.2036	0.2431	0.3766	0.2768	0.6133	0.0057
PBANKA_051010	-0.4164	-0.1668	-0.6366	0.1062	-0.5685	-0.2665	0.6998	0.8872	0.9418	0.9971	0.4367	0.666
PBANKA_136490	-0.0045	-0.584	-0.0606	0.0357	0.181	0.4725	0.2688	-0.0693	0.4366	0.5929	1.1985	1.918
PBANKA_083300	-1.9775	-1.7708	-1.4874	-0.5694	0.1345	0.3034	0.6774	0.5358	0.4332	0.4054	-0.3975	-0.5526

PBANKA_090640	0.3228	0.5408	0.1309	0.1183	-0.3619	-0.0752	0.2153	-0.1056	-0.3153	-1.1048	-0.6335	0.7141
PBANKA_070040	1.07	-0.843	1.787	-2.039	-2.6983	-1.1727	-0.7389	-0.2349	-1.5427	-1.6484	-1.0952	-0.9628
PBANKA_062300	-0.0787	-0.1863	-0.1939	-0.2773	-0.4526	-0.2748	-0.6456	0.0245	0.5747	0.804	1.3286	1.6263
PBANKA_144840	0.1392	-0.1821	0.3741	0.4557	0.4865	0.2821	0.471	0.3236	0.2062	-0.3885	-0.8838	-0.15
PBANKA_051790	-0.1999	0.291	-0.1016	0.3792	-0.1203	0.2918	0.2336	-0.2421	-0.0697	-0.1373	-0.2227	0.4583
PBANKA_124070	0.6901	-1.0654	0.0481	0.3415	0.0448	-0.7831	-0.8853	-0.4582	-0.4036	-0.4073	0.4183	0.6334
PBANKA_141840	-0.4496	-0.6191	-0.1634	0.3371	0.201	0.3514	0.1111	-0.2369	-0.2418	-0.4523	-1.2022	-1.0418
PBANKA_132600	-0.468	0.4833	0.2267	-0.478	-0.1191	0.0803	-0.2959	-0.2418	-0.4209	-0.1455	0.0513	0.365
PBANKA_093330	0.4272	-0.4213	0.2131	0.6838	0.2705	0.4756	0.2008	-0.0498	-0.0616	-0.4229	-0.3805	-0.9252
PBANKA_145950	-2.3338	-2.4596	-2.5718	-0.9467	-1.2632	-0.0653	0.9865	1.1148	1.6378	1.5386	0.7135	0.9342
PBANKA_060140	0.1593	-0.0232	0.3346	0.6764	0.2762	0.0877	0.0171	-0.3557	-0.6272	-0.8294	-0.8714	-0.7808
PBANKA_141620	0.3322	-0.2863	0.3834	0.5486	0.1299	0.4167	-0.3498	-0.4935	-0.2405	-0.567	-0.1108	0.9832
PBANKA_122910	1.2866	1.3237	0.4893	0.2632	0.1914	-0.1266	-0.6875	-0.4262	-0.6847	-0.6118	0.5172	1.0564
PBANKA_082750	0.4517	0.5771	0.3125	0.262	0.1302	0.0431	-0.1511	-0.194	-0.0199	-0.1669	0.4205	0.7279
PBANKA_122140	0.3064	-0.048	0.0858	0.197	0.1867	0.4246	0.4415	0.1098	0.3051	-0.2019	-0.42	-0.446
PBANKA_122440	0.0385	0.2767	0.1497	-0.0624	-0.3072	0.6528	0.3718	0.2128	0.117	0.067	-0.0059	-0.1544
PBANKA_100690	0.478	0.1919	0.396	-0.1575	0.0944	0.4078	-0.0711	-0.1007	-0.3572	-0.6067	0.3441	0.1684
PBANKA_031310	0.3512	0.1903	-0.0428	0.0219	0.0396	-0.1039	-0.1896	-0.1199	-0.4416	-0.3712	-1.089	-0.3038
PBANKA_136210	-0.1584	-0.0351	0.0704	0.231	0.4504	0.2093	0.11	0.4107	0.2531	0.3812	0.1555	0.6251
PBANKA_092490	0.3073	-0.0921	0.2781	0.0403	0.534	-0.1519	-0.041	-0.6606	-1.1297	-1.363	-0.3873	-0.9146
PBANKA_111140	-0.2926	0.8304	0.3244	-0.2009	0.0004	-0.105	-0.4781	-0.3263	-0.7405	-0.2824	-0.319	-0.7603
PBANKA_020790	-0.0114	-0.4769	0.0329	-0.5701	-0.3209	-0.1078	0.1438	0.8924	0.913	0.5565	0.4969	0.2021
PBANKA_131090	0.3423	0.7027	0.4236	0.0812	0.1415	-0.0429	-0.2139	-0.3849	-0.8356	-0.8276	-0.6377	-0.5032
PBANKA_113270	-0.0476	0.3085	-0.3566	-0.2848	0.0325	-0.0555	-0.4972	-0.1134	-0.1289	0.3236	-0.0067	-0.3748
PBANKA_145160	0.1114	0.3949	0.4806	0.4083	0.4452	0.7126	0.2411	0.1901	0.0258	-0.0386	-0.0774	-0.6568
PBANKA_060780	-0.4984	-0.2486	-0.1278	0.1069	0.1441	-0.053	0.2133	0.4211	1.35	1.0132	0.2225	0.3417
PBANKA_121770	-0.5732	-0.2236	-0.0547	-0.4843	0.3336	-0.1342	-0.4534	-0.3809	-0.6225	-0.5529	-0.0807	-0.3765
PBANKA_123030	0.4064	-0.0168	0.3593	0.5033	0.3058	0.3886	-0.085	-0.313	-0.5727	-0.8703	-0.789	-1.2083
PBANKA_083120	-0.3502	-0.4936	-0.7108	-0.7035	0.0362	0.3635	0.1325	0.8798	0.7063	0.9073	0.4334	0.0829
PBANKA_010670	0.1227	0.1656	0.1404	0.1808	0.3002	0.0252	0.1934	0.349	0.2016	0.0307	-0.3458	-0.4926
PBANKA_070320	-0.1832	-0.1346	0.1601	-0.1341	0.1147	0.2468	0.184	0.0214	-0.5388	-0.3048	-1.0435	-1.0057
PBANKA_114040	0.1831	0.5174	0.2387	0.4769	0.2403	0.547	0.0648	0.056	-0.0862	-0.4369	-0.2042	-0.384
PBANKA_140760	0.4096	-0.0868	0.3295	0.5361	0.3566	-0.1556	0.0189	-0.1547	-0.3618	-0.7895	0.0584	-0.5339
PBANKA_051770	-0.0379	-0.1604	0.1804	0.1379	0.1376	-0.0018	-0.237	-0.4454	-0.753	-0.6737	-0.5441	-0.5754
PBANKA_121080	0.5403	0.7568	0.7057	0.4282	0.4267	-0.3161	-0.3161	-1.0341	-1.5914	-1.923	-0.972	-1.5374
PBANKA_093550	-0.6023	-0.1453	-0.2722	-0.1036	-0.019	-0.1223	0.3225	0.5408	0.5236	0.7511	0.0664	-0.4034
PBANKA_100490	-0.0796	-0.2003	0.1222	-0.1856	0.1381	0.5136	-0.2473	-0.2084	-0.0728	-0.0623	0.1583	0.2698
PBANKA_112130	-0.2513	-0.1196	0.2578	0.4748	0.278	0.152	0.0835	-0.0017	-0.3051	-0.4568	-0.3436	-0.2258
PBANKA_082870	-0.0267	0.2816	0.0129	0.0509	0.1645	0.4924	0.2061	0.1672	-0.1479	-0.2296	-0.4949	-0.5321
PBANKA_010870	-0.0301	-0.0377	-0.0445	0.1348	0.0536	0.1988	-0.1493	-0.4801	-0.6358	-0.4093	-0.0821	0.1323
PBANKA_136390	-0.1737	0.3424	0.189	0.4348	0.2178	0.2943	0.0433	-0.3704	-0.1753	-0.5952	-0.379	-0.2042
PBANKA_140140	0.1467	0.6345	0.3666	0.4398	0.3849	0.2262	-0.1482	-0.16	0.1188	-0.2688	-0.477	0.4871
PBANKA_101050	0.2931	0.9225	0.3649	0.1505	0.3827	-0.1316	-0.5332	-0.621	-0.5654	-0.9112	0.0866	0.0583
PBANKA_144110	-0.1735	-0.1252	-0.0379	0.2389	0.1276	0.1393	0.3691	0.1853	-0.1734	-0.3473	-1.0287	-1.6537
PBANKA_020880	0.2046	-0.1068	-0.1346	-0.0841	-0.1255	-0.3541	-0.1988	0.1959	0.5643	0.8824	0.6117	0.5287
PBANKA_133530	0.0063	-0.3428	0.256	-0.4551	0.0204	0.1272	0.0485	0.0374	-0.2262	-0.0478	-0.519	-0.3139
PBANKA_010950	0.0048	0.1233	0.2946	0.232	0.1778	-0.0549	0.1792	-0.1351	-0.6761	-1.0541	-1.5949	-1.8662
PBANKA_110730	0.1942	0.914	-0.0884	-0.2218	0.3241	0.1353	-0.2696	-0.1101	-0.3106	-0.1771	-0.6898	-0.2143
PBANKA_120410	-0.035	0.8016	-0.0163	-0.2306	-0.0273	0.074	0.1686	0.3222	-0.3327	0.2951	0.1436	-0.1438
PBANKA_061540	0.0513	0.5393	0.0853	0.7567	0.3381	0.0521	-0.266	-0.382	-0.5811	-0.5537	-0.4432	-0.7464
PBANKA_145260	0.2591	-0.4627	0.414	0.5988	0.3709	0.322	-0.2546	-1.0211	-1.0353	-1.4867	-1.9148	-1.8691
PBANKA_080250	-0.6126	0.0061	-0.1506	-0.2478	-0.0829	-1.0051	0.3552	0.2519	0.3634	1.0484	-0.0436	0.3995
PBANKA_144090	0.1025	-0.0151	0.0119	-0.0107	0.3156	0.4903	-0.3107	-0.2734	-0.5245	-0.2193	-0.6723	-1.0793
PBANKA_050570	-0.248	-0.1996	-0.5085	-0.307	-0.5847	-0.2573	-0.5281	-0.2398	0.3522	0.5167	1.018	1.3364
PBANKA_145720	-0.7876	-0.1256	-0.2987	-0.4454	-0.346	-0.2501	0.1475	0.6041	0.3714	0.135	0.0122	0.1403
PBANKA_093600	0.1204	0.6189	-0.0201	0.16	0.0488	0.1378	0.0961	0.4469	0.579	0.4052	0.779	0.5346
PBANKA_102550	0.0622	0.7589	0.1593	-0.2207	0.1974	0.0626	-0.0731	-0.0448	-0.0398	-0.0201	0.3016	-0.2682
PBANKA_103230	0.605	1.0892	0.3108	0.0607	-0.18	-0.5773	-0.8181	-0.4411	-0.4195	0.1425	1.3523	1.0407
PBANKA_145040	-0.1048	-1.2762	0.0185	-0.1696	-0.1517	0.1429	0.0634	0.1352	0.5499	0.5055	0.0349	0.4015
PBANKA_091770	0.3804	0.5533	-0.1509	0.0974	-0.2268	-0.1066	-0.3279	-0.364	-0.318	-0.0857	0.7136	1.1012
PBANKA_135520	-0.8905	-0.7905	-1.0438	-0.9167	-0.397	-0.7634	-0.5073	-0.8457	-1.0135	-0.7069	-0.7608	-0.7857
PBANKA_142320	0.1504	0.5593	-0.0348	-0.2313	-0.1919	-0.075	0.0115	-0.4317	0.3668	0.5182	1.2959	0.7399
PBANKA_145640	0.226	-0.6224	0.5394	0.1423	0.0797	0.3668	0.1888	0.1188	-0.5483	-0.1159	-0.412	-1.1605

PBANKA_080750	0.2755	0.0184	0.3824	0.4822	-0.4373	0.3	0.1494	-0.3335	-0.3015	-0.2746	-0.0902	0.3769
PBANKA_121480	0.5544	0.3881	0.2678	-0.135	0.0727	-0.4851	-0.1761	-0.5142	0.028	-0.1588	0.2316	0.0564
PBANKA_040840	0.3135	0.474	0.3586	0.0524	0.2735	0.1868	0.1676	-0.0538	-0.0551	0.0609	0.2444	-0.2348
PBANKA_050730	-0.2454	-0.0036	-0.0096	-0.2093	-0.066	-0.0729	-0.0512	0.0788	0.4779	0.6767	0.2594	0.9199
PBANKA_020410	0.2254	0.4197	-0.0078	0.2844	0.1962	-0.0489	-0.0158	-0.3156	-0.3525	-0.4236	-0.1408	0.4364
PBANKA_133540	0.3964	0.4224	0.0977	0.3262	0.2047	0.2966	-0.009	0.2082	0.0565	0.1931	0.1566	-0.1332
PBANKA_120560	-0.2314	-0.4607	-0.1521	-0.1531	-0.0999	0.4034	0.3157	0.815	0.5288	0.5737	-0.7561	-0.8126
PBANKA_051840	-0.2433	-0.3742	0.1216	0.552	-0.0255	0.4341	0.4598	0.4736	0.2542	0.1404	-0.2874	-0.4553
PBANKA_110420	0.0324	-0.4101	0.379	0.4819	0.518	0.3975	0.198	-0.128	-0.1378	-0.4499	-0.2757	-0.8426
PBANKA_071400	0.4099	0.4309	0.1413	-0.4258	-0.1617	-0.0504	-0.2533	0.0291	0.0957	0.2786	0.6935	1.6574
PBANKA_082340	0.1966	0.2296	0.5071	0.3703	0.55	0.1872	-0.4607	-1.1273	-1.4757	-2.0844	-1.4033	-1.844
PBANKA_093450	-0.0791	0.0127	-0.5073	-0.1663	-0.215	-0.5587	-0.4378	0.0901	0.4699	0.5597	0.9488	0.3548
PBANKA_050820	0.1581	0.1592	0.1682	-0.139	0.0221	0.549	0.3713	0.1751	-0.2759	-0.2711	-0.7149	-0.6736
PBANKA_083100	-0.8491	-2.3028	-2.566	-1.8327	-0.7916	-0.2824	0.522	0.6889	1.4325	1.7686	0.8128	-1.4061
PBANKA_060280	-0.3292	0.423	0.0276	-0.0448	0.2512	-0.169	-0.0207	-0.2169	-0.3856	-0.6742	-0.0548	0.0796
PBANKA_010650	0.0991	0.36	0.2798	-0.1235	0.392	-0.6223	0.1233	0.3418	-0.3062	-0.3475	-0.5613	-0.4935
PBANKA_134620	-0.1238	-0.41	0.2411	0.3452	0.361	0.6617	0.2541	-0.2546	-0.2754	-0.9216	-0.7804	-0.8535
PBANKA_102830	0.203	0.7922	0.1898	-0.2785	0.127	-0.0666	-0.4896	-0.0451	-0.0406	0.0243	-0.3464	-0.1877
PBANKA_120570	-0.1569	0.3534	0.28	0.1897	0.1372	0.2513	0.1134	0.2189	0.1492	-0.1112	-0.5568	-0.6541
PBANKA_132560	0.3385	0.5304	0.3048	0.3783	0.1973	0.0478	-0.2414	-0.541	-0.9113	-0.7369	-0.6624	-0.7555
PBANKA_091730	0.1644	0.64	0.1182	0.1198	0.1378	0.6231	0.0175	-0.3693	-0.2157	-0.0885	0.2137	0.6975
PBANKA_062010	0.1551	-0.7631	0.3709	-0.2177	0.1206	0.5206	0.2599	0.2674	0.5723	0.3276	0.839	1.1787
PBANKA_122750	-0.88	-0.8977	-0.3617	0.5281	-0.1093	-0.4135	0.2355	0.3646	0.5378	0.662	0.7816	0.7805
PBANKA_051870	0.1864	0.1529	0.0692	0.2505	0.1585	-0.4316	-0.441	-0.0873	-0.1248	0.0492	0.6104	0.8726
PBANKA_103800	-0.6078	-0.6013	-0.3991	0.0778	0.0824	0.397	0.8946	0.7425	0.5793	-0.1984	-1.4264	-1.9894
PBANKA_146040	0.1537	0.3106	0.4024	0.294	0.2371	0.1739	0.0371	-0.6874	-1.1875	-1.4781	-1.8764	-2.2873
PBANKA_142460	-0.3181	0.5	-0.1053	0.2108	-0.2801	-0.0548	-0.2686	-0.1115	0.1979	0.6726	1.2835	1.6406
PBANKA_070870	0.4185	0.1434	0.3658	0.8584	0.2996	0.0412	0.1392	-0.1693	-0.0546	-0.3656	-0.3199	-0.0063
PBANKA_031060	0.2231	0.5067	0.2001	0.4992	0.1252	0.3588	-0.2467	-0.2922	-0.4231	-0.6354	-0.3481	-0.3887
PBANKA_114200	0.1726	-0.6612	0.3026	0.5427	0.2485	-0.0297	-0.0714	-0.4779	-0.4037	-0.9541	-0.7706	0.2005
PBANKA_111380	-0.3597	-0.4277	-0.3163	-0.4312	0.0677	0.138	0.4249	0.2671	0.0223	0.1736	-0.2245	-0.0847
PBANKA_124210	0.1185	0.517	0.2262	-0.4347	0.1051	0.3243	-0.1677	-0.1885	-0.473	-0.2068	0.3473	0.7564
PBANKA_140450	-0.5981	-0.2673	-0.1891	-0.2785	-0.0687	0.5109	0.0767	0.5623	0.393	0.3961	-0.4473	0.1766
PBANKA_083490	-0.1693	-0.8355	-0.1955	-0.2606	-0.0776	-0.9772	0.0281	-0.5275	-0.2866	-0.2409	-0.5272	-0.7665
PBANKA_134840	-1.2142	-0.9505	-0.5554	0.0033	0.243	0.473	0.6858	0.1343	0.6385	0.1775	-0.5449	-0.5936
PBANKA_111830	0.0175	0.4921	-0.0289	0.0047	0.1433	0.4092	-0.0179	0.3214	0.2551	-0.3374	0.1795	0.4331
PBANKA_140720	-0.2641	0.4003	0.1837	0.279	0.2351	0.0193	-0.2069	-0.5813	-0.0448	0.1661	-0.1887	-0.4663
PBANKA_103070	1.0672	0.9438	0.1149	0.0216	-0.0005	0.2021	-0.2712	-0.3581	-0.0704	0.0578	0.1712	1.9113
PBANKA_061280	0.0363	0.596	0.5976	0.0526	-0.5116	0.2348	-0.5618	-0.3266	0.1217	-0.0061	0.605	0.0254
PBANKA_134240	0.1402	0.4592	0.175	-0.2989	-0.0411	-0.0459	-0.2044	-0.2722	-0.0838	-0.0023	1.0363	0.839
PBANKA_051120	0.0825	0.132	-0.3855	0.0444	-0.3583	-0.0625	-0.0224	0.1716	0.4112	0.666	0.7102	1.082
PBANKA_121880	0.1555	0.4661	0.0484	-0.4347	-0.4121	0.1824	-0.1598	-0.1408	-0.0658	0.0442	0.6707	0.5751
PBANKA_132650	0.2025	0.1517	0.3486	0.9544	0.4207	0.5698	-0.003	-0.0333	-1.1432	-0.4591	-0.4733	-0.1841
PBANKA_121130	0.3977	0.2523	-0.0038	-0.2171	0.1576	-0.0829	-0.1827	-0.2905	-0.3193	-0.0951	-1.0667	-0.2817
PBANKA_052130	0.133	0.3701	0.0055	-0.2434	-0.3725	-0.1283	-0.3704	-0.0919	0.3511	0.8751	1.3376	1.6495
PBANKA_111100	0.2288	0.6081	-0.0307	-0.08	-0.0817	-0.3071	-0.1966	-0.0899	0.0297	0.1407	0.6649	0.6871
PBANKA_111720	-0.2473	-0.4902	-0.0404	0.2473	-0.1855	0.1607	0.3594	0.3006	0.8116	0.9469	0.3166	0.4718
PBANKA_140060	-1.6748	-0.6761	-1.0349	-0.9414	-0.2276	0.0047	0.4369	0.6028	0.1532	0.2537	-0.1554	-0.8172
PBANKA_142670	0.2998	0.4838	0.3889	0.3885	0.256	0.0779	-0.0868	-0.0913	-0.4797	-0.5556	-0.4106	-0.4962
PBANKA_060710	-0.424	-0.5539	-0.0798	0.656	0.4565	0.4588	0.0828	-0.2127	-0.4623	-1.2954	-0.9279	-1.3621
PBANKA_122240	0.0654	0.0761	0.0978	0.2528	0.2809	0.27	0.3966	-0.0763	-0.6136	-0.5457	-1.0179	-1.3123
PBANKA_070950	0.4232	0.2863	0.1079	0.6436	0.3227	-0.2048	-0.0843	-0.1574	-0.1497	-0.2018	-0.3932	-0.176
PBANKA_124380	0.0146	0.128	0.2964	0.3361	0.5501	0.0754	0.0839	-0.2791	-0.6117	-0.669	-0.6856	-0.8691
PBANKA_081670	-0.6092	-0.3287	-0.9046	0.032	-0.1534	0.0667	0.4162	0.3317	0.2	0.4183	-0.3577	-0.2131
PBANKA_102520	0.456	0.2502	0.1638	-0.1823	0.1188	-0.6311	-0.252	-0.1234	-0.8793	0.3643	0.3373	0.5943
PBANKA_090140	-0.2025	-0.3376	0.0783	0.4224	0.537	0.3849	0.3426	0.0943	-0.1904	-0.5057	-0.5743	-1.4194
PBANKA_011210	-0.6874	-0.5	-0.5292	-0.577	-0.1734	0.1957	0.1078	0.6763	0.6761	1.0917	0.1229	-0.183
PBANKA_110500	0.3343	-0.2038	0.2299	0.1767	0.2563	0.0509	-0.2126	-0.2703	-0.4975	-0.7765	-1.4088	-2.3647
PBANKA_081470	0.0502	0.0995	0.1874	0.1327	0.112	0.2793	0.0536	-0.1244	-0.4928	-0.3573	-0.446	-0.524
PBANKA_020910	-0.5615	-1.0217	-0.575	-0.6191	-0.2543	0.1233	0.7345	0.8653	0.7014	0.6807	0.4246	-0.3412
PBANKA_102390	0.0814	0.6063	0.0666	0.2014	0.0298	-0.0102	-0.1658	-0.1499	-0.6048	-0.6763	-0.9065	-0.1331
PBANKA_060360	-0.211	-0.0734	0.3157	0.3996	0.352	0.3922	-0.2355	-0.5252	-0.6773	-1.3106	-1.2406	-1.0418
PBANKA_111000	0.3686	0.7053	0.4268	0.2535	0.4198	0.1692	-0.3756	-0.7705	-0.5335	-0.7662	-0.3542	-0.0757

PBANKA_060830	0.4086	-0.2375	-0.0223	-0.2518	0.1319	0.3231	-0.1826	-0.325	0.0782	0.0383	-0.1151	-0.6332
PBANKA_100980	-0.0787	-1.0656	0.1783	-0.645	0.8465	-0.4333	-0.4983	-0.5329	-0.8979	-0.6451	-0.3494	-0.296
PBANKA_010520	0.3952	0.7028	0.2001	-0.3933	0.108	-0.1428	0.1132	-0.0452	-0.0804	0.2365	0.5707	0.5571
PBANKA_100570	0.2887	0.365	-0.0162	-0.0315	0.0156	0.1912	0.1328	0.3228	0.2337	0.0568	0.132	0.1885
PBANKA_100560	-0.0616	-0.2312	-0.5751	0.1124	-0.1011	-0.017	-0.1285	-0.131	0.4173	0.6345	1.1293	1.4073
PBANKA_145020	-1.4085	-1.6831	-0.7592	-0.4784	0.0282	0.4093	0.7754	0.6479	0.4831	0.222	-1.053	-0.5613
PBANKA_011110	-0.138	0.6414	-0.3679	-0.1825	-0.3648	-0.6128	0.1666	0.3035	0.648	1.0185	0.9251	0.9694
PBANKA_134890	0.4492	0.8298	0.4891	0.6353	-0.1131	0.7687	-0.0846	-0.7342	-0.2722	-0.4365	0.6135	-0.8964
PBANKA_134910	-2.5432	-1.3389	-2.76	-1.4976	-0.748	-0.349	0.1935	0.8499	1.1631	1.3604	1.1547	0.3296
PBANKA_101850	0.3513	0.0443	0.426	0.5764	0.3687	0.3633	-0.1837	-0.2496	-0.0519	-0.5496	-0.297	-0.5914
PBANKA_133070	-1.5463	-0.4543	0.3586	0.5077	0.4802	0.8008	0.0618	-0.0654	-0.4681	-0.8662	-0.9432	-1.0383
PBANKA_083260	0.2526	-0.7567	-0.0995	0.185	0.5591	0.9844	0.2774	-0.1398	-0.6929	-0.8569	-1.6891	-1.1332
PBANKA_092770	0.2432	0.6267	0.0889	-0.1256	-0.1013	0.1762	-0.3068	-0.4166	-0.1726	0.1875	0.2291	0.8088
PBANKA_102890	-0.0975	0.3661	0.2685	0.2807	0.8303	0.4312	0.1803	-0.2	-0.184	-0.6089	-0.317	0.3874
PBANKA_123870	0.3232	0.1413	0.419	0.5079	0.4145	0.0063	-0.3143	-0.4033	-1.0961	-1.3134	-0.8569	-0.6894
PBANKA_130990	0.0957	0.5355	0.5592	0.2383	0.0392	0.2908	-0.0834	-0.5027	-0.9157	-1.0991	-0.9714	-0.9744
PBANKA_134950	0.1524	0.4179	0.1906	0.114	0.1955	-0.0953	-0.2809	-0.2915	-0.4564	-0.0379	0.0433	0.1721
PBANKA_131000	0.2107	0.4118	-0.1036	0.2857	-0.0291	-0.1109	-0.1684	0.3713	0.3805	0.5034	0.8296	-0.0463
PBANKA_141850	-0.3043	-0.3767	0.3043	-0.0926	0.3759	0.1896	-0.0645	-0.2169	-0.6353	-0.2319	-0.5357	0.2661
PBANKA_144990	-1.4595	-0.4164	-0.3543	-1.0125	-1.2354	-1.6456	-0.3771	-1.5529	-1.5827	-1.1639	-0.054	-0.8404
PBANKA_060370	0.2836	0.1248	-0.1209	0.6993	0.0454	0.1399	0.1358	0.2432	0.216	0.0878	0.0716	-0.0363
PBANKA_060500	0.1556	0.0088	-0.3492	0.1615	-0.3153	0.1567	0.308	0.3342	-0.0003	0.2009	-0.0202	-0.9921
PBANKA_113620	-0.7068	-0.7712	-0.4549	-0.1568	0.1355	-0.3887	-0.1984	-0.1772	-0.4376	-0.8211	-1.2282	-1.3736
PBANKA_103120	-0.3606	0.7322	-0.3464	-0.3498	-0.1294	-1.0411	-0.3247	-0.317	-0.4033	-0.2694	-0.6054	-0.7395
PBANKA_113700	0.3536	0.7876	0.5585	0.031	-0.0647	-0.1784	0.1883	0.1153	-0.2344	-0.5021	-0.1931	-0.7503
PBANKA_103940	0.3417	0.7313	0.3094	0.2178	-0.004	-0.261	-0.2472	-0.5699	-0.8512	-1.2114	-0.197	-0.157
PBANKA_102120	-0.7925	-0.3952	-0.6745	-0.4949	-0.5107	-0.4627	-0.0543	0.0056	0.3684	0.7381	0.7597	0.3717
PBANKA_143650	-0.5896	-0.3095	-0.5177	-0.3849	-0.2091	0.4758	0.287	0.6061	0.8173	0.9591	0.7942	0.2954
PBANKA_131100	0.2349	0.073	0.0634	-0.2247	-0.0407	-0.228	0.0388	0.0554	0.0022	0.0398	-0.1079	0.1431
PBANKA_121680	-0.0942	-0.1671	-0.5135	-0.1726	-0.0045	0.0179	0.0802	0.108	0.218	0.4277	-0.1448	-0.507
PBANKA_130540	0.1725	-0.0424	0.0662	-0.1193	-0.0905	0.5801	0.1176	0.0039	0.2047	0.3683	0.2444	-0.2974
PBANKA_131380	0.3699	0.4718	0.06	-0.0211	-0.1025	-0.6983	-0.1573	0.1492	-0.7702	-0.2073	-0.1073	-0.0094
PBANKA_124090	0.5726	0.3967	0.6605	0.6866	0.5366	0.6624	-0.0168	-0.2826	-0.2119	-0.8237	-0.5704	0.3519
PBANKA_021450	-0.1654	-0.1611	-0.4039	-0.5642	-0.5436	-0.0882	0.2521	0.5935	0.8086	0.9919	0.0763	0.1542
PBANKA_082780	-0.7714	-1.3225	-0.2078	0.4314	0.0329	0.4371	0.3265	0.3184	0.5293	0.182	0.1429	-0.8294
PBANKA_144410	0.5203	1.237	0.2538	-0.002	0.2647	0.4672	-0.3236	-1.0318	-0.6415	-0.8885	-0.6448	-1.2174
PBANKA_093700	-0.1563	0.0157	0.168	0.3305	0.4188	-0.0135	-0.0385	-0.3478	-0.69	-1.0354	-0.9663	-1.2712
PBANKA_140170	0.0277	0.1114	0.4717	0.3416	0.3026	-0.0223	0.0788	0.0857	-0.4473	-0.5421	-0.8074	-0.8147
PBANKA_113940	0.1058	0.534	0.3924	-0.0316	-0.067	0.7476	-0.1786	-0.1977	-0.3557	-0.1746	-0.208	0.111
PBANKA_101150	-0.1341	-0.1609	0.2875	-0.4054	-0.0145	0.6242	0.1879	0.4317	0.6672	0.4135	0.0961	-0.5207
PBANKA_041650	0.0109	0.2713	0.2181	0.0899	-0.0306	0.426	0.0655	-0.2346	-0.1341	-0.2328	-0.3546	-0.6026
PBANKA_061550	0.3308	0.0269	0.1059	0.3583	-0.5292	0.648	0.2072	0.1365	-0.2146	0.0086	0.0415	0.0129
PBANKA_130820	-0.2782	-0.5735	-0.0234	0.132	0.6443	0.2825	0.404	-0.0297	-0.1944	-0.5025	-0.9124	-1.2528
PBANKA_122600	0.4654	0.7833	0.0328	0.3837	-0.4213	0.1913	0.0636	-0.1514	0.0224	-0.0539	0.5395	0.2192
PBANKA_134400	0.7382	0.7252	0.3689	0.1712	0.228	0.1014	-0.234	-0.2203	-0.3748	-0.4132	0.1324	0.0486
PBANKA_061000	-0.1859	0.5302	0.2688	0.1763	-0.0049	0.4953	-0.3932	-0.4001	-0.1608	-0.3655	-0.7745	0.0969
PBANKA_040580	-0.4772	-0.5449	-0.4203	0.1317	0.022	0.254	0.4873	0.4554	0.4956	0.1732	-0.4158	-0.6033
PBANKA_140690	0.2169	-0.2884	-0.2143	-0.0196	0.2099	0.6721	-0.0952	-0.0258	-0.1463	0.0465	0.1938	-0.7854
PBANKA_144920	-0.1886	-0.3493	-0.1658	-0.2343	-0.0425	0.903	0.2014	0.0325	-0.0308	0.0051	-0.7392	0.0194
PBANKA_041800	0.4189	1.1707	0.3555	0.0153	0.0564	-0.1523	-0.6603	-0.925	-0.6457	-0.5975	0.4494	0.411
PBANKA_122210	0.2701	0.3191	0.0115	0.1861	-0.0228	-0.2529	0.1165	0.5049	0.4132	0.4904	0.3399	0.0134
PBANKA_143020	0.3424	-0.0115	0.2672	0.2555	0.2676	-0.4508	-0.0791	0.1286	-0.0584	-0.5911	-0.5568	-0.3143
PBANKA_081080	-0.4878	-0.0147	-0.4344	0.1664	-0.0825	0.342	0.2812	0.1244	0.2221	0.3577	0.2062	0.2111
PBANKA_130500	0.9119	-0.2941	-0.0938	0.2699	0.8355	0	-0.6849	-0.5761	-0.4689	-0.3825	0	-0.3825
PBANKA_071500	0.0082	0.0313	-0.2012	0.2287	0.0794	-0.0636	-0.0581	0.1629	0.522	0.6383	-0.0367	-0.4419
PBANKA_140880	0.3433	0.3445	0.1101	0.7265	0.2777	0.3243	0.0769	-0.118	0.0352	-0.1698	-0.609	0.5964
PBANKA_135070	0.1145	0.1983	-0.0312	-0.029	-0.1134	-0.7331	-0.1052	-0.235	-0.4051	-0.3011	-0.0389	-0.3575
PBANKA_135930	0.3967	0.3835	0.4035	0.1575	0.2302	-0.5169	-0.2025	-0.4199	-0.5771	-0.8171	-1.0191	-1.0756
PBANKA_141330	0.2139	-0.3664	-0.0226	0.1904	0.1668	-0.5498	-0.4336	-0.2298	0.2898	0.1659	0.1249	0.7025
PBANKA_080950	-0.9787	-0.9305	-0.6696	-1.3838	-0.4611	-2.3176	-0.2767	-1.1778	-0.5286	-0.4882	-0.8934	-0.6228
PBANKA_120720	-0.0071	-0.3684	0.0886	-0.0201	0.4303	0.1879	0.2975	-0.1634	-0.4534	-0.4602	-1.109	-0.7083
PBANKA_145590	0.217	-0.3133	0.3073	0.229	0.482	0.7459	0.3323	-0.0886	0.0703	-0.2071	-0.6193	-0.3043
PBANKA_092030	-0.0824	-0.3872	0.2216	0.198	0.3955	0.1803	-0.1723	0.1112	-0.1767	-0.4927	-0.6028	-0.4938

PBANKA_131850	-0.9113	-0.6429	-1.1114	-0.2316	-0.3897	-0.8733	-0.9189	-0.832	0.2217	0.2855	1.2846	1.6854
PBANKA_061880	0.1093	-0.3125	-0.2784	0.2861	-0.026	-0.1425	-0.2841	-0.0567	0.2336	0.3217	0.5539	0.8186
PBANKA_131990	-0.0704	1.1888	0.1589	-0.1618	0.2748	-0.6863	-1.0508	-1.263	-1.8317	-1.7324	-0.923	-1.037
PBANKA_130770	0.308	-0.4618	-0.1319	0.0286	0.2384	0.032	0.0477	-0.3455	0.0874	-0.0427	-1.0693	-0.2855
PBANKA_110130	-0.5049	0.0847	-0.8059	-0.8093	-0.9763	-0.77	-0.7176	-0.3331	0.3717	0.6527	1.5098	2.0552
PBANKA_134730	0.1703	0.4046	-0.0044	-0.1744	-0.0188	-0.4974	-0.0257	0.1933	-0.4059	-0.3778	-0.9443	-0.0414
PBANKA_102580	0.3194	0.0692	0.352	0.4686	0.3633	0.1684	-0.3906	-0.9017	-1.1543	-1.5365	-0.8275	-1.1623
PBANKA_092700	-0.383	-0.0248	-0.0714	0.1353	0.1026	0.021	0.1935	0.1982	0.4859	0.1611	-0.0939	-0.1073
PBANKA_100850	0.1583	0.7648	-0.2132	-0.4509	-0.8022	-0.8394	-0.8847	-0.479	0.1728	1.1635	-0.0439	1.1612
PBANKA_143690	0.2782	0.9898	0.3118	0.1526	0.2684	-0.2277	0.0741	0.0796	-0.1648	-0.1188	-0.3533	-0.0438
PBANKA_092630	0.7152	0.3457	0.5127	0.6115	0.5248	0.3286	-0.0689	-0.1832	-0.113	-0.4797	-0.2365	0.1269
PBANKA_112740	0.2655	0.2369	0.529	0.0742	0.2228	0.5189	-0.3051	-0.7152	-0.1465	-0.7055	-0.4927	-0.3623
PBANKA_141580	0.3584	0.1505	0.4121	0.1655	0.2632	-0.0154	-0.1712	-0.5343	-1.1307	-1.8496	-1.5944	-1.3522
PBANKA_082180	0.3332	-0.121	0.4074	0.5977	0.3697	0.1747	-0.2789	-0.3509	-1.144	-1.1948	-0.9067	-0.9637
PBANKA_113370	0.107	0.2065	-0.2411	0.503	0.0046	0.2449	-0.0218	-0.4604	-0.1804	-0.1606	-0.3556	-0.5857
PBANKA_123550	0.5222	0.5195	0.2783	1.1512	0.3072	0.2911	-0.0424	0.0775	-0.453	-0.293	-0.0677	-0.5932
PBANKA_083210	0.0352	-0.9815	-0.1159	0.6701	0.465	-0.644	0.6209	0.3065	0.3749	0.2988	-0.2052	0.2057
PBANKA_081060	0.4029	-1.0524	0.2265	0.5882	-0.024	0.2259	-0.0461	-0.2918	0.3912	-0.1095	0.5532	0.3921
PBANKA_090230	0.1555	0.6609	0.0024	-0.4854	-0.4442	-0.33	-0.2157	0.4555	0.513	0.5023	1.3167	1.0669
PBANKA_082120	-0.2364	-0.7994	-0.4716	0.695	0.2544	0.1537	0.002	0.0096	0.6127	0.2146	0.6099	1.2569
PBANKA_092680	0.0443	0.7307	0.2326	0.0772	0.1929	-0.0894	-0.1124	-0.6687	-0.344	-0.2819	-0.3405	-0.2647
PBANKA_103270	-0.2855	0.44	-0.0476	-0.3255	-0.2867	-0.34	-0.637	-0.6526	-0.5987	-0.4835	0.2956	0.1856
PBANKA_050260	0.0034	0.0648	-0.1422	0.1335	0.2975	0.0825	0.4652	0.5058	0.124	0.0667	-0.7217	-1.2305
PBANKA_082330	0.0435	0.5584	0.031	0.4962	0.2331	0.3098	0.0585	-0.4159	-0.5513	-0.4233	-0.4487	0.0711
PBANKA_061400	-0.2551	0.3113	-0.09	0.3761	0.1663	0.3254	0.1021	-0.0438	-0.4195	-0.2179	-1.1885	-0.8097
PBANKA_120990	0.5964	0.1479	0.223	-0.3525	-0.678	0.0933	-0.5315	-0.0351	0.4961	0.8683	0.6537	1.1699
PBANKA_070670	0.7112	0.1671	-0.446	-0.1992	-0.2684	-0.0767	0.0042	-0.3643	-0.1542	0.3268	0.573	1.2181
PBANKA_061250	-0.0671	-0.7625	-0.0908	0.8437	0.5064	0.8768	0.3185	-0.228	-0.6031	-1.161	-0.9472	-0.925
PBANKA_114020	-0.0175	0.2444	-0.4853	-0.7198	-0.12	0.1448	-0.1179	-0.1718	-0.1556	0.1341	0.2205	-0.9933
PBANKA_090630	0.3737	0.25	0.3453	0.5314	0.0114	0.4693	0.1546	-0.1345	-0.295	-0.4733	-0.6682	-0.7405
PBANKA_133630	-0.3437	0.0955	0.1364	0.3682	0.3864	0.8642	0.3668	0.0999	0.6246	0.0999	-0.2971	-0.3673
PBANKA_145710	-0.088	-0.0342	-0.0363	-0.0669	-0.0129	0.4234	0.1979	0.0355	0.1094	0.3752	0.2883	-0.0316
PBANKA_093020	-0.2061	-1.0489	0.0221	-0.0957	-0.0449	-0.144	0.102	0.2546	0.3956	-0.1523	-0.8167	-0.16
PBANKA_020580	0.086	0.7638	-0.0903	-0.1419	-0.0789	0.1677	0.0796	0.4096	0.3858	0.46	1.112	0.6568
PBANKA_081440	0.1874	-1.0121	0.0639	0.624	0.5065	0.1525	0.1474	-0.2181	-0.4137	-1.102	-1.4525	-1.3231
PBANKA_030910	0.4139	0.3405	-0.2156	0.1664	-0.0622	-0.3127	-0.3446	-0.3151	-0.2624	-0.5079	0.7892	0.7217
PBANKA_110920	0.2347	0.1869	0.8634	0.498	0.1134	0.7522	0.0931	0.1057	-0.3705	-0.4683	-0.4197	-0.377
PBANKA_051310	0.18	0.0922	0.2704	0.0969	0.1635	0.4295	0.179	-0.0674	-0.1814	0.0525	-0.0421	-0.614
PBANKA_113030	0.2821	-0.3413	0.2711	0.7242	0.5066	0.2818	-0.13	-0.6593	-0.5755	-1.0513	-0.8717	-0.441
PBANKA_090620	0.2328	-0.5707	0.2226	0.0345	0.528	0.7602	0.2404	-0.1472	-0.4358	-1.0816	-1.4722	-1.1917
PBANKA_145440	0.0469	-0.2003	0.3055	0.4245	0.3478	0.1236	0.0095	-0.1795	-0.2031	-0.4521	-0.2918	-0.0511
PBANKA_134820	0.4108	0.359	0.896	0.5284	0.3868	0.3333	0.0886	0.2849	-0.281	-0.5243	-0.8712	-1.2944
PBANKA_061620	0.084	-0.1917	-0.1594	-0.2516	-0.2355	0.0441	0.3132	0.8965	0.7346	0.8466	-0.1157	-0.366
PBANKA_030410	0.0685	0.2057	0.2033	0.042	0.0638	-1.0032	0.1926	-0.1348	0.1389	0.3418	0.7653	0.1665
PBANKA_030230	-0.6899	-0.2241	-0.5343	-0.2256	-0.0689	0.3047	0.1846	0.2762	-0.0798	-0.0368	-0.3861	-0.025
PBANKA_120470	0.508	-0.1449	0.249	0.4335	0.4639	0.7352	0.1716	-0.0974	-0.1077	-0.7457	-0.5744	-0.7743
PBANKA_135680	-0.152	0.058	-0.1612	-0.1554	0.0849	0.1456	0.1448	0.5475	0.768	0.7446	0.057	-0.0292
PBANKA_133870	-0.1256	-0.0362	-0.2454	-0.0831	-0.052	0.3438	0.0091	0.2286	0.3218	0.345	0.2507	0.5236
PBANKA_120920	0.1322	0.8738	0.3359	0.5055	0.1392	0.1759	-0.0488	-0.2421	-0.4719	-0.5646	-0.5616	-0.3679
PBANKA_102210	0.3452	0.9223	0.1669	0.01	-0.0412	0.1497	0.0559	-0.1305	0.0367	0.1487	-0.1171	0.4502
PBANKA_092190	0.3763	-0.412	0.1294	0.1874	0.2907	-0.3634	-0.2069	-0.1797	-0.1714	-0.3317	0.2672	1.5661
PBANKA_131230	-0.1459	-0.0322	-0.0198	-0.3596	-0.0426	0.1324	0.4347	0.5302	0.2868	0.3349	-0.5321	-0.2904
PBANKA_114600	0.5598	0.4619	0.1668	0.2008	0.1815	0.1115	0.078	-0.3272	-0.4302	-0.5273	-0.5357	-0.0105
PBANKA_135660	-0.3427	0.0537	0.0454	0.4923	0.0185	1.4788	0.221	0.1258	-0.2657	-0.4975	-0.5486	0.0192
PBANKA_100420	-0.1789	-0.883	0.2686	0.4118	0.4492	0.3965	-0.3301	-0.196	-0.1717	-0.4726	-0.3944	-0.0357
PBANKA_083110	0.5155	0.5483	0.5686	0.1741	0.04	-0.1158	-0.1862	0.0748	-0.0357	-0.0677	0.0535	-0.2526
PBANKA_110080	0.3823	1.1725	0.5757	0.6859	0.3535	0.744	-0.102	-0.3516	-0.6675	-0.6681	-0.6067	-0.0512
PBANKA_134350	-1.5567	-0.9553	-1.6544	-0.7346	-1.0698	-0.0914	0.3863	0.9687	1.2047	1.4766	0.536	0.3554
PBANKA_122420	-0.1213	0.8102	-0.062	-0.3678	-0.2437	-0.0028	-0.2477	-0.1811	-0.0128	0.5213	1.3558	0.7079
PBANKA_061240	-0.4542	-0.2498	-0.2485	-0.7236	-0.1105	0.384	-0.1624	0.3076	0.479	0.7332	1.3757	1.1393
PBANKA_010460	-0.0875	-0.1375	0.0044	-0.5045	-0.0016	-0.3228	0.1214	-0.1941	0.1692	0.0568	-0.148	-0.5401
PBANKA_090190	-0.1054	-0.3634	-0.0623	-0.0638	0.0491	-0.1181	-0.3105	0.0434	0.2171	0.4112	0.5253	0.5796
PBANKA_102110	-0.3219	-0.1613	-0.4918	-0.4164	-0.3366	0.102	0.5348	0.6808	0.6523	0.8642	0.6864	1.5812

PBANKA_100070	0.1091	-0.3587	-0.0262	0.0668	0.0047	0.0901	0.0688	-0.1861	-0.2801	-0.214	-0.2184	-0.1869
PBANKA_021490	-0.0323	0.4104	-0.0231	-0.1308	0.0882	-0.7934	-0.2653	-0.0895	0.1335	0.437	1.1461	1.2779
PBANKA_030170	-0.075	-0.6567	0.0472	0.2493	0.1316	0.0446	-0.1562	-0.5588	-0.2159	-0.0263	-0.2219	-0.0593
PBANKA_110490	0.2468	0.8864	0.1766	0.4762	0.1378	0.2735	-0.2193	-0.5326	-0.327	-0.4773	-0.573	-0.148
PBANKA_131690	-0.1505	0.2528	0.0846	0.1183	0.19	0.2162	0.1476	0.2463	0.1117	0.1377	-0.2305	-0.0453
PBANKA_111740	0.4449	0.116	0.4159	0.2783	0.4333	-0.4587	0.0935	-0.4879	-0.9596	-1.545	-1.6326	-1.9116
PBANKA_114070	0.1967	0.1355	0.0186	0.0391	0.0302	-0.3684	-0.1432	0.0731	-0.5447	-0.1938	-0.4258	-0.3609
PBANKA_121180	-0.1302	-0.2501	0.2858	0.1478	0.286	0.0941	0.2695	0.2228	0.3684	0.165	-0.2938	0.0493
PBANKA_091420	-0.1966	-0.3836	-0.5469	-0.5299	-0.4369	-0.5207	-0.2573	-0.0249	0.6708	0.7818	0.994	1.4152
PBANKA_091480	0.2959	0.6402	0.2013	0.1962	0.3006	0.3725	-0.025	-0.4043	-0.4885	-0.4766	-0.7771	-0.197
PBANKA_101670	-0.6966	-0.6387	-0.1264	0.1836	0.1973	0.5014	0.7889	0.2914	-0.1702	-0.3979	-1.4085	-1.1695
PBANKA_144540	0.123	0.1665	0.2695	-0.5907	-0.2492	-0.523	-0.3814	-0.5444	-0.9397	-0.2512	0.6886	0.9358
PBANKA_134860	-0.1504	-0.5201	0.1986	0.2216	-0.1228	0.74	0.2551	0.2576	0.3688	0.2124	-0.5966	-0.192
PBANKA_082070	-0.062	0.0913	0.4903	-0.1489	-0.078	0.6104	-0.109	0.2214	0.3238	0.2193	0.3879	0.4255
PBANKA_133150	-0.122	-0.3198	0.0694	0.0233	0.0327	0.1865	0.1983	-0.351	-0.2376	-0.6361	-0.4979	-0.6465
PBANKA_140780	-0.0097	-1.118	0.2041	-0.0139	0.2652	0.1244	0.1176	0.1653	0.4216	0.0507	0.5869	0.9881
PBANKA_090720	-0.9308	-0.6757	-0.8074	-0.3087	-0.2694	0.2519	0.6659	0.7462	0.5913	0.9876	-0.3029	-0.2336
PBANKA_133800	-0.3517	-0.0622	0.0323	0.4539	0.1707	0.2739	0.1134	-0.3325	-0.4045	-1.1851	-1.2625	-0.7183
PBANKA_080570	-0.1465	0.3668	0.4548	0.1868	0.4452	-0.0536	-0.356	-0.7683	-1.2788	-1.6415	-1.1253	-1.3005
PBANKA_136320	-0.1854	-0.4857	0.1468	0.2514	-0.092	0.7973	0.1968	0.3118	0.6087	0.2573	0.0793	0.8221
PBANKA_010260	-0.2635	-0.123	-0.0708	0.0582	0.098	0.4354	0.1323	0.3143	0.159	0.1442	0.169	-0.2169
PBANKA_135980	-0.2668	-0.3383	-0.2445	0.2757	-0.0182	0.0444	0.4016	0.0487	0.1781	0.3749	0.0948	0.351
PBANKA_061220	-0.4871	-0.3016	-0.2268	-0.4427	0.0006	0.383	0.0372	0.402	0.4637	0.7683	0.0416	-0.202
PBANKA_011180	0.059	0.2897	0.1948	0.4238	0.4556	0.3635	-0.0981	-0.0472	-0.0644	-0.1733	0.1596	-0.3473
PBANKA_082680	0.2715	-0.5364	0.0781	0.3412	0.0636	0.2545	0.0251	-0.1539	0.1223	-0.0346	-0.1441	-0.2301
PBANKA_030430	-0.1137	-0.5745	-0.0369	0.0232	0.0568	-0.2027	-0.2005	-0.4452	-0.2188	0.0445	0.7737	1.724
PBANKA_082160	0.0531	-0.0299	0.0664	0.3809	0.0033	0.722	0.1248	0.2187	0.4707	0.0034	-0.3122	0.0685
PBANKA_143700	0.0523	0.0114	0.0935	-0.0701	0.4438	0.1343	0.4444	0.4784	0.2693	-0.2025	-0.7004	-0.8717
PBANKA_133460	0.3612	0.2099	-0.2585	-0.1385	-0.1908	-0.4709	-0.188	-0.0081	0.265	0.4018	0.2606	0.3165
PBANKA_114590	0.5242	0.814	0.3021	-0.1882	0.0617	-0.2402	-0.6658	-0.632	-0.3624	-0.1303	0.2768	1.0044
PBANKA_113480	0.4511	0.324	-0.1092	0.3462	-0.4331	-0.1952	-0.5423	-0.5583	-0.3857	-0.3675	0.7529	0.9915
PBANKA_122300	0.4176	0.4941	0.3355	-0.511	0.2031	-0.0557	-0.5053	-0.3287	-0.8479	-0.0115	-0.5634	-0.3444
PBANKA_123760	0.0136	-0.2596	0.1269	0.0261	0.1927	0.3863	0.0883	0.1872	0.2777	0.2873	0.7046	0.5918
PBANKA_100250	-0.3145	-0.2346	-0.2429	0.0108	0.0162	-0.1836	0.2945	0.1764	0.6329	0.4593	0.2548	0.3952
PBANKA_102980	-0.3616	0.1498	-0.0734	0.3547	-0.0077	0.1686	-0.5641	-0.4532	-0.8318	-0.7552	-0.6165	-0.9241
PBANKA_145730	0.455	0.2073	0.0832	-0.0956	0.047	-0.2088	-0.3146	-0.7367	-1.4888	-1.0011	-0.7344	-0.2058
PBANKA_051990	-0.1426	0.9747	0.0353	-0.4413	-0.1828	-0.3337	-0.5554	-0.2971	-0.5074	-0.0329	0.8285	0.52
PBANKA_071440	0.1114	-0.3055	-0.2349	-0.615	-0.1093	-0.566	-0.5285	-0.8903	-1.3453	-1.0745	-1.2488	-1.3003
PBANKA_136240	-0.8923	-0.9457	-0.5436	-0.3269	-0.2992	0.2814	0.5959	0.6023	0.4482	0.4698	-0.8227	-0.6626
PBANKA_051290	-0.7148	-0.2821	-0.2894	-0.2703	0.1111	0.0228	-0.013	-0.011	-0.1119	-0.1129	-0.1801	-0.5483
PBANKA_103180	-0.5839	0.7484	-0.0393	0.335	-0.0829	0.4814	0.1884	-0.1729	-0.4508	-0.1823	-0.3887	-0.3223
PBANKA_144810	0.0568	0.2593	0.1805	0.0411	0.2479	0.1474	-0.5322	-0.2027	-0.6226	-0.7146	-0.4803	-0.1855
PBANKA_124580	0.4519	0.3349	0.018	-0.1156	0.0023	-0.1017	-0.3596	0.0425	0.0444	0.4416	0.5426	0.6178
PBANKA_121360	0.0829	0	0.4405	0.3896	0.3063	0.581	-0.1653	-0.6081	-0.502	-1.1203	-0.2033	-0.4112
PBANKA_136360	0.2406	-0.2033	-0.1189	0.2188	0.0666	0.0516	0.225	-0.0555	0.6018	0.4752	0.2823	0.8696
PBANKA_135720	0.4549	0.4998	0.1257	0.0853	0.4493	0.2027	-0.024	-0.1586	-0.3759	-0.3495	-0.6117	-0.5786
PBANKA_030580	-0.2193	-0.5502	0.1823	0.2007	-0.1943	0.3628	-0.1897	-0.6373	-1.0494	-0.9912	-0.5655	-0.6046
PBANKA_133820	-1.5707	-0.5103	-1.5187	-0.7611	-0.9392	-0.4872	-0.153	-0.2486	0.3822	0.6991	1.276	1.59
PBANKA_100430	-0.4948	-0.3534	-0.2732	-0.0509	0.1196	-0.0109	0.0443	-0.0404	0.2292	0.3179	-0.3204	-0.2677
PBANKA_031460	0.0461	0.5711	-0.002	0.1355	0.1559	0.0339	-0.3803	-0.6355	-0.4324	-0.3969	0.2289	-0.25
PBANKA_101570	-0.1846	-0.8145	-0.2205	-1.1097	-0.2771	-0.6008	-0.8299	-0.8135	-0.7958	-1.1611	-0.7461	-0.5836
PBANKA_094180	-2.9094	-3.1815	-1.9237	0.1148	0.457	0.8271	1.3456	0.8886	1.8594	0	-0.9687	-1.3456
PBANKA_051640	0.5818	0.373	0.3791	0.2773	0.1819	0.1344	-0.4037	-0.3608	-0.1617	-0.9307	-0.7305	-0.322
PBANKA_021390	-0.6743	-1.7067	-0.2251	0.1342	-0.3005	-0.3444	0.0973	0.0183	0.4254	0.5223	1.1437	1.4057
PBANKA_146070	0.0886	0.4639	0.0565	-0.2302	-0.2187	-0.2101	-0.3417	0.0828	0.3778	0.377	0.9431	0.8002
PBANKA_146380	0.0581	-0.262	0.007	0.0345	0.1363	-0.1307	-0.1984	-0.0765	0.2648	0.3901	0.4398	0.7568
PBANKA_093400	-0.0492	-0.4978	-0.7563	-0.9907	-0.7043	-0.9094	-0.5968	-0.4916	-0.2758	-0.3498	-0.3924	0.5393
PBANKA_120650	-0.3876	0.0732	0.1096	0.0993	-0.0096	0.313	0.3688	-0.0325	0.096	-0.0664	-0.6098	-0.736
PBANKA_010790	0.3754	0.6563	0.0558	-0.3039	0.0385	0.4089	-0.0374	0.3864	0.3145	0.4188	0.3905	0.0244
PBANKA_111730	-0.0292	-0.8541	0.1419	0.4468	0.3206	-0.3395	0.0813	0.1707	0.0546	-0.2371	-0.5719	-0.6681
PBANKA_142840	-0.446	-0.2804	-0.5059	0.0372	0.0628	0.0165	0.1763	0.1128	-0.2682	-0.0877	-0.3369	-0.6099
PBANKA_081580	-0.4831	-0.3589	-0.4567	-0.1201	-0.0438	0.3094	0.2556	-0.1708	0.5864	0.1852	0.122	0.2611
PBANKA_113140	-0.0603	-0.4954	-0.3498	-0.537	-0.2262	-0.0189	0.0815	0.1465	1.143	0.6489	1.39	0.8251

PBANKA_140470	-0.7176	0.4919	-0.8507	-0.7495	-0.3277	-0.4972	-0.1225	0.1796	-0.6473	0.2376	0.1106	-1.1064
PBANKA_102930	0.1681	0.1868	0.3777	0.1095	0.1983	0.3656	-0.4117	0.1633	-0.5461	-0.6738	-0.5978	-0.8374
PBANKA_121170	-0.5638	-0.2004	-0.3378	0.1657	0.3193	0.0092	0.2971	0.2997	0.0438	-0.2106	-0.8329	-0.4829
PBANKA_121400	0.3751	0.8293	0.4363	0.1167	0.4005	0.011	-0.9786	-0.8708	-1.5482	-1.3557	-2.2227	-1.2835
PBANKA_121990	-0.3303	0.6097	-0.0596	0.5145	-0.0074	-0.1497	-0.0305	-0.0456	-0.0644	0.0275	-0.7227	-0.2879
PBANKA_110760	-0.7536	-0.5361	-0.4869	-0.5039	-0.3296	0.5243	0.7569	0.8299	0.7853	0.848	0.3069	-0.1322
PBANKA_122190	0.4739	-0.9909	0.1503	0.4309	0.2067	0.6088	-0.1502	-0.2891	-0.0619	-0.3296	-0.2455	0.2912
PBANKA_041490	0.2334	0.7669	-0.0912	-0.1427	0.2745	-1.2434	-0.0229	0.8051	0.4191	0.2815	-0.0057	0.4829
PBANKA_020280	-0.0097	-0.058	0.332	0.8893	0.2087	-0.0867	0.0613	0.0759	-0.2271	-0.6573	-0.339	-0.4938
PBANKA_083670	-1.0411	-0.7957	-0.2147	-0.3505	-0.1138	0.1664	0.0502	-0.1138	-0.2188	-0.2578	-0.4749	-1.3325
PBANKA_102870	-1.1551	-0.6435	-0.6113	-0.1256	0.1747	0.3092	0.448	0.533	0.1451	-0.0503	-0.2312	0.3517
PBANKA_120180	-0.4088	-1.2202	-0.8632	-0.6572	-0.2306	-0.4607	-0.3643	0.2643	0.4146	0.719	0.5969	0.5462
PBANKA_051680	0.4477	0.1799	0.203	0.2572	0.3668	0.3129	-0.1722	-0.1186	-0.259	-0.5534	-0.6227	-0.437
PBANKA_146480	0.1926	-0.4019	-0.1944	0.6233	0.1624	0.3687	-0.1084	-0.2773	0.1795	0.2699	0.7224	1
PBANKA_011020	0.6628	0.9493	0.6093	0.8375	0.2272	0.1975	-0.1438	-0.6418	-0.3378	-0.7987	-0.3311	-0.6732
PBANKA_144350	0.1459	0.3797	0.1739	0.1209	0.0842	0.1413	0.2445	0.4887	0.1806	0.201	-0.4274	-0.5545
PBANKA_145420	-0.309	-0.079	-0.1366	-0.0099	0.0394	-0.0071	0.2442	0.5309	0.3257	0.635	0.0799	-0.2814
PBANKA_071040	0.458	-0.2813	-0.0305	-0.2396	0.1026	0.105	0.3932	0.4759	0.1894	0.4957	-0.6839	-0.3651
PBANKA_093290	-0.3576	0.4608	-0.0329	-0.2415	0.2413	0.0858	-0.1492	0.0658	0.1926	-0.0839	-0.9573	0.0224
PBANKA_141710	0.0815	0.0281	0.29	0.068	0.1935	-0.1146	0.2079	0.3066	0.1474	-0.5806	-0.4785	-0.9289
PBANKA_061660	-0.3119	-0.4917	-0.1202	0.2859	0.2386	0.4768	0.2644	0.1303	-0.1599	-0.6344	-0.9172	-0.8911
PBANKA_111570	-0.9742	-0.6452	-0.6622	-0.314	-0.0842	0.33	0.2896	0.4642	0.6084	0.6502	0.4788	-0.0191
PBANKA_134670	0.215	-0.2521	0.1201	0.4781	0.3644	0.1691	-0.3368	-0.8501	-0.8687	-1.599	-1.5444	-0.826
PBANKA_123380	0.2832	0.1838	0.5021	0.4971	0.5606	0.5228	-0.0217	-0.3279	-0.5306	-0.8676	-0.7319	-0.9078
PBANKA_050540	-0.1304	0.2238	-0.0186	0.3957	0.3327	-0.0355	0.5649	0.6079	0.4632	0.4617	0.2828	0.5043
PBANKA_030280	0.2056	-0.3695	0.3112	0.2463	0.2291	-0.5846	-0.0352	0.1337	-0.0113	0.1179	-0.3071	-0.0656
PBANKA_020630	-1.5753	-0.946	-1.3802	-0.4478	-0.2107	0.4049	0.3912	0.503	0.3651	0.3128	-0.4063	-0.9055
PBANKA_111370	-0.1116	0.113	-0.4945	-0.2924	-0.1694	-0.4006	-0.7154	-0.4437	0.1838	0.4387	0.8458	1.0109
PBANKA_050740	0.543	0.5005	0.4834	-0.0564	-0.0011	-0.1442	-0.0837	-0.3921	-0.6292	-0.9807	-0.8337	-0.8345
PBANKA_094220	0.4921	0.1857	0.6529	0.3514	0.2318	0.2178	-0.4042	-0.8613	-1.0291	-1.5858	-1.1366	-1.4176
PBANKA_101530	-0.0677	-0.5688	0.134	0.0414	0.3944	0.1984	0.2567	0.2702	0.2182	-0.0656	-0.172	-0.3539
PBANKA_144510	0.0393	-0.1594	0.3538	0.2651	0.2313	0.2371	-0.0876	-0.4321	-1.085	-1.3023	-1.1002	-1.0493
PBANKA_031050	-0.2276	0.1277	-0.0427	-0.0637	-0.0949	-0.0093	0.3681	0.2568	0.3031	0.2209	0.571	0.1433
PBANKA_133310	-0.0303	0.032	-0.1107	0.0342	-0.196	-0.0735	-0.2807	0.2301	0.4391	0.6515	0.6844	1.1045
PBANKA_082840	-0.3299	-0.8312	-0.4376	-0.1129	0.0035	0.3852	0.1964	0.6022	0.0621	0.5989	-0.1751	-0.6394
PBANKA_113420	0.1396	0.5284	0.5338	-0.0472	0.0425	0.3374	-0.0661	-0.4251	-1.0376	-1.5735	-1.1225	-1.1336
PBANKA_145520	0.3763	0.5482	-0.235	0.2357	-0.3589	-0.4199	-0.305	-0.0841	0.2627	1.0686	1.0147	1.106
PBANKA_122880	-0.7659	-0.0091	-0.6196	-0.3437	-0.5044	-0.3978	-0.1348	0.1647	0.6457	1.0553	0.6806	0.707
PBANKA_124400	0.1802	0.0824	0.2713	0.3573	0.1525	0.4371	0.0696	-0.3881	-0.5992	-0.6755	0.019	-0.6901
PBANKA_122590	-0.1748	0.5577	0.3566	0.0829	0.0807	-0.3515	-0.0988	0.2004	0.4774	0.5415	0.2991	0.8282
PBANKA_111700	-2.2056	-1.4699	-1.8202	-0.8048	-0.2036	0.2618	0.4867	0.6667	0.8407	1.3068	-0.2365	-1.4517
PBANKA_123090	-0.2505	0.7535	0.008	-0.5826	-0.1279	-0.8866	-0.0822	-0.0548	-0.6183	-0.3855	-0.9931	-0.174
PBANKA_051930	-1.7006	-0.7838	-2.1392	-1.3152	-0.682	-0.2769	0.7513	0.8741	1.0032	1.2554	0.2104	-0.6372
PBANKA_010130	0.4093	0.245	0.2148	0.7176	0.3087	0.306	-0.1876	-0.2993	-0.2578	-0.414	-0.006	-0.6567
PBANKA_100730	-0.013	-0.0011	0.004	0.2362	0.2721	0.6746	0.2953	-0.4458	-0.4259	-0.5331	-0.3458	-0.5743
PBANKA_132810	-0.2947	0.6258	-0.0509	0.0721	0.2234	0.4041	0.1351	0.0002	-0.1077	0.0327	-0.0175	-0.0535
PBANKA_136300	-0.3577	-0.1911	0.1617	0.284	-0.1918	-0.0512	0.0865	-0.1995	-0.1373	-0.3971	-0.0639	0.6766
PBANKA_062160	0.0808	0.1539	0.0635	-0.0545	0.0505	0.0631	-0.121	0.2926	-0.1451	-0.1348	0.1332	-0.54
PBANKA_090410	-0.9107	-0.5958	-0.6985	-0.5511	-0.2296	0.0875	0.0985	0.2477	0.2183	0.0195	-0.3255	-0.6501
PBANKA_050330	-0.0766	0.0362	-0.057	0.1486	-0.0044	0.4076	0.251	0.6194	0.7602	0.772	0.3057	0.2941
PBANKA_130170	0.3376	-0.0975	-0.2089	0.3795	-0.1947	0.3345	0.0786	0.4697	0.3761	0.1254	-0.2823	-0.4047
PBANKA_136430	-0.5042	-1.23	-0.1407	0.1146	0.3279	0.3648	0.0004	-0.3314	-0.531	-0.8037	-0.2959	0.0792
PBANKA_040670	0.1616	0.1273	0.4116	0.6037	0.44	0.5191	-0.1636	-0.8971	-1.3479	-1.6509	-1.164	-1.2882
PBANKA_111960	-0.7444	-0.8846	-0.4997	-1.2923	-0.3986	-0.4744	0.2699	0.7483	1.3503	1.2884	0.6665	-0.0556
PBANKA_061600	-0.1186	-0.4015	0.4805	0.2534	0.1246	0.7124	0.0759	-0.6403	-0.7592	-0.7349	-0.9135	-0.5651
PBANKA_094140	-1.2096	-0.8671	-0.7466	-0.2745	-0.2219	0.5949	0.125	0.1811	0.6039	0.6034	0.5525	0.7475
PBANKA_143980	0.1304	0.2215	0.191	0.2315	-0.2422	0.2599	0.4401	0.451	0.1438	0.3506	-0.2748	0.5746
PBANKA_081030	-0.0109	-0.0461	-0.1867	0.3095	0.0815	-0.0027	-0.1637	0.1321	0.2909	0.2614	-0.6022	0.0808
PBANKA_050890	0.1159	-0.2116	0.0675	0.1255	0.0584	0.2196	0.3817	0.4988	0.2709	-0.2089	-0.6431	-0.7567
PBANKA_110220	0.6003	0.5265	-0.0007	-0.1331	-0.1665	-0.3853	-0.8733	-0.3593	-0.1427	0.3592	0.7151	1.2688
PBANKA_093430	-0.8631	-0.8467	-0.5866	-0.0893	-0.2516	0.352	0.5098	0.3232	0.4162	0.3231	-0.5842	-0.7577
PBANKA_051340	0.2399	0.0864	0.2144	0.0444	-0.037	0.2443	0.0614	0.4031	0.3734	0.4014	-0.1382	-0.8817
PBANKA_082520	0.2272	0.3943	0.2626	-0.0531	0.1155	0.3697	0.3932	0.2117	0.0103	0.0496	-0.3478	0.0212

PBANKA_130620	0.5125	0.664	0.5076	0.0641	0.1034	-0.3218	-0.242	-0.7849	-0.7842	-1.4029	-0.9831	-1.0058
PBANKA_030690	-0.7966	-0.8072	-0.4416	0.0362	0.2368	0.3584	0.4501	0.1329	-0.2251	-0.6466	-0.8557	-0.7791
PBANKA_071560	-0.1264	0.041	0.0777	0.0695	0.281	0.3321	-0.0058	-0.2366	-0.551	-0.8579	-0.935	-1.2368
PBANKA_081920	-0.0539	0.1977	0.1296	0.802	0.3969	-0.1503	0.0791	-0.0219	0.3035	-0.2696	-0.2864	-0.7741
PBANKA_131790	0.2956	0.5245	-0.1923	-0.1479	-0.3137	-0.1631	-0.6626	-0.6839	-0.5993	-0.0103	0.2434	0.4164
PBANKA_140940	0.3303	0.048	0.5792	0.1797	0.2586	0.2414	-0.1924	-0.9238	-1.2376	-1.2512	-0.6903	-0.4912
PBANKA_140520	-0.2984	0.1804	-0.1408	0.0265	0.4765	0.0242	-0.0498	0.0096	-0.2901	0.0897	-0.3825	-0.2988
PBANKA_090550	-0.3796	-0.6818	0.0217	-0.4167	-0.1768	0.0764	0.2866	0.486	0.883	0.9113	0.3217	0.4444
PBANKA_146340	0.2449	0.4046	0.1979	0.4255	0.4204	0.5002	-0.1554	-0.3958	-0.4132	-0.6767	-0.5238	-0.0134

P. chabaudi (AS)

geneid	TP01	TP02	TP03	TP04	TP05	TP06	TP07	TP08	TP09	TP10	TP11	TP12
PCHAS_041250	0.2865	0.2733	0.6437	0.2222	0.1872	0.137	-0.235	0.1366	0.0774	-0.211	-0.123	-0.144
PCHAS_090260	-0.275	0.4599	0.2586	-0.074	0.072	-0.299	-0.543	-0.135	-0.385	-0.21	0.1946	-0.032
PCHAS_123420	-0.167	-0.601	0.4062	0.1035	0.1734	-0.735	0.0318	0.6015	-0.122	0.1723	0.2563	-0.032
PCHAS_081730	-0.368	-0.548	-0.22	-0.431	-0.086	0.3972	0.8539	-0.167	0.1694	-0.637	-0.068	0.4328
PCHAS_111430	0.0742	0.3555	0.9136	-0.3	-0.016	-0.3	-0.234	-0.468	-0.619	-0.325	0.0499	-0.338
PCHAS_090270	0.4794	-0.152	0.6852	-0.193	0.1382	-0.252	0.0315	0.6671	-0.069	0.5077	0.3356	0.402
PCHAS_112350	0.6576	0.0357	0.383	0.0148	0.2195	-0.212	0.0899	0.8091	-0.175	0.6192	0.3072	0.0468
PCHAS_111040	0.9097	-0.302	0.1488	-0.22	-0.036	-0.246	1.4671	-0.196	-0.011	-0.707	0.1736	-0.567
PCHAS_141050	-0.099	-0.564	0.5295	-0.142	0.148	-0.124	0.5597	0.5964	-0.124	-0.186	0.0603	0.0663
PCHAS_124180	-0.35	0.7333	0.7683	0.1018	0.0398	-0.031	-0.591	-0.066	0.1238	0.1743	-0.031	0.2237
PCHAS_090930	-0.738	-0.108	-0.21	0.0503	0.1503	0.2361	0.1801	0.2694	0.3002	0.1474	-0.015	0.0206
PCHAS_140500	0.0559	0.309	0.9874	0.6306	0.3453	0.0037	-0.232	-0.005	0.1679	-1.11	-0.673	-0.508
PCHAS_071260	0.8473	0.0992	-0.483	-0.125	-0.233	-0.152	-0.031	0.2972	-0.177	0.0456	0.5659	0.1342
PCHAS_135780	1.7356	0.5458	-0.344	-0.082	0.1824	0.0085	0.1333	0.0821	0.0088	0.497	0.1189	0.1676
PCHAS_142120	0.5519	-0.164	0.2988	-0.037	0.1169	0.0645	0.3871	0.2193	0.1062	-0.139	0.016	0.2409
PCHAS_134710	0.4101	0.1074	-0.282	0.0895	0.021	-0.235	-0.236	-0.832	-0.22	-0.305	0.1402	0.4459
PCHAS_000920	0.2842	-0.166	0.2948	0.4185	-0.004	0.4207	0.2142	0.3479	0.4301	-0.4	0.1455	-0.187
PCHAS_010870	-0.153	-1.106	0.331	-0.309	0.2522	-0.296	0.2962	0.1987	-0.277	-0.584	0.0644	-0.12
PCHAS_132480	0.0309	-0.117	0.0819	0.1191	-0.215	0.1887	-0.072	-0.297	0.071	-2.001	-0.996	-0.841
PCHAS_041110	-0.388	0.4153	-0.256	0.2503	0.3792	-0.186	-0.371	-0.345	0.0953	0.0521	-0.125	0.0671
PCHAS_082990	-0.492	2.1759	1.0341	1.1933	0.1655	1.0915	0.9864	0.7224	1.1874	0.7604	0.124	1.1511
PCHAS_062110	0.6249	0.4418	0.2393	0.0098	-0.072	-0.112	-0.548	0.634	-0.304	0.6403	0.0914	0.6798
PCHAS_010650	0.132	0.09	0.6126	0.1357	0.1506	0.0883	1.5523	0.6474	-0.06	0.1395	0.4842	0.2361
PCHAS_120900	-0.083	0.567	0.4551	0.4771	0.1814	-0.861	-0.006	0.4967	-0.284	-0.19	0.1385	0.093
PCHAS_112470	-0.38	-0.251	-0.32	-0.207	-0.036	0.3577	-0.503	-0.04	0.4557	0.4468	0.375	0.2782
PCHAS_133610	1.0293	-0.122	0.371	0.1206	0.2408	0.8074	0.5419	-0.332	0.6028	-1.004	0.0232	-0.629
PCHAS_111790	0.0274	0.8779	0.6143	0.5611	-0.193	0.0142	-0.062	0.0204	0.3511	0.4452	0.1073	1.0463
PCHAS_111620	0.9984	0.3691	0.1888	-0.081	-0.141	-0.541	-0.405	-0.66	-0.655	-0.781	-0.436	-0.668
PCHAS_071940	-0.231	0.2849	0.2205	0.2126	0.2269	0.1541	0.9067	-0.55	-0.074	-0.18	-0.184	-0.428
PCHAS_136520	0.4402	-0.004	0.3252	-0.186	-0.229	-0.152	0.6372	0.14	-0.4	-0.431	0.0135	-0.068
PCHAS_112780	-0.202	-0.045	-2.178	0.8997	-1.605	1.3414	0.7225	-0.677	1.5082	-0.463	-0.597	-0.295
PCHAS_010180	0.0316	0.6418	0.1538	0.2536	-0.077	0.4268	-0.103	-0.196	0.4605	1.3677	0.5787	0.5837
PCHAS_113890	0.2759	0.0979	-0.015	0.0388	0.2017	-0.849	0.3017	0.6768	-0.288	0.0412	0.0991	0.6297
PCHAS_120370	-0.179	0.3131	-0.136	-0.056	0.1821	-0.102	-0.21	0.4748	-0.049	0.2683	0.0312	0.4141
PCHAS_104130	-0.66	1.1648	1.1587	0.8312	0.2382	0.7934	-1.388	-0.219	0.6008	-0.081	-0.871	-0.061
PCHAS_133570	-0.524	-0.235	-0.144	0.209	0.0477	1.1177	2.0995	0.2791	1.4839	0.6644	0.4599	0.336
PCHAS_020010	0.5443	0.8692	0.4036	0.1854	0.0542	-0.33	-0.126	-0.346	-0.238	0.0163	0.2429	0.8816
PCHAS_093330	0.8487	0.0712	0.862	-0.077	-0.682	-0.547	0.8416	0.661	-0.3	-0.464	0.3421	-0.718
PCHAS_130770	0.2181	0.4605	-0.119	0.221	0.265	-0.105	0.4116	-0.203	0.1113	-0.393	-0.213	-0.762
MAL9_18S:rRNA	0.2061	0.1582	-0.46	0.3271	-0.126	0.942	0.547	-0.151	0.749	0.056	-0.048	-0.065
PCHAS_133930	-0.546	-1.799	0.2325	-0.211	0.031	-0.336	0.6655	0.0053	-0.042	0.078	0.8877	0.368
PCHAS_041360	-1.214	-0.389	-0.36	-0.284	0.1037	0.0984	-0.417	1.1471	0.1573	1.0258	0.8362	0.3721
PCHAS_113500	2.1468	0.8729	0.6332	0.8415	-0.097	0.9558	2.7799	0.8662	0.7189	0.5903	-0.003	0.2461
PCHAS_146150	-0.72	0.5844	0.2387	0.0121	0.0423	-0.362	0.6162	0.4609	-0.014	-0.168	0.1647	0.0773
PCHAS_051110	0.2799	-0.747	-2.467	0.6393	-1.246	0.1181	-0.018	0.3798	0.4861	-0.678	0.2914	0.8287
PCHAS_142170	-0.536	-0.117	-0.242	-0.311	-0.148	-0.596	-0.57	-0.425	-0.519	-0.376	0.2976	-0.341
PCHAS_145310	1.5204	-0.009	0.3619	-0.256	0.1793	-0.623	0.7551	0.8069	-0.594	-0.759	0.3506	-0.262
PCHAS_050210	0.7197	-0.208	0.8732	0.126	0.1727	-0.095	0.1796	0.4149	-0.152	0.1394	0.0114	0.0815

PCHAS_041990	-1.272	-1.402	-0.468	0.1157	-0.127	0.3434	1.1226	0.797	0.326	0.4395	0.3791	0.3641
PCHAS_080180	-0.41	0.4203	0.6349	0.1568	0.2568	0.251	0.2379	-0.244	-0.184	-0.234	0.0567	-0.095
PCHAS_131550	-0.139	0.0417	0.2058	0.3564	0.1469	-0.251	0.1178	-0.164	-0.36	-1.059	-0.817	-0.24
PCHAS_143860	-0.065	-0.29	0.3609	-0.289	0.2277	-0.278	1.1321	-0.288	-0.212	-0.541	0.0513	-0.107
PCHAS_120950	0.4562	0.2236	0.6293	0.1742	0.3093	-0.291	0.5943	0.1855	0.1465	-0.471	-0.153	-0.129
PCHAS_081060	-0.182	0.4685	0.477	-0.116	0.0012	0.0351	-0.093	0.3336	-0.324	-0.291	0.1606	-0.463
PCHAS_091670	-0.593	0.0596	0.285	-0.016	-0.147	-0.441	-0.112	0.2654	-0.166	0.595	0.5115	0.8124
PCHAS_114320	0.259	-0.288	-0.075	0.2705	0.4205	-0.484	-0.112	0.1917	-0.134	0.0503	-0.153	-1.083
PCHAS_143010	-0.059	0.4992	1.0443	0.1419	0.0951	0.1921	-0.444	-0.481	-0.589	-0.346	-0.036	-0.512
PCHAS_134120	1.536	-0.847	-0.178	-0.92	-0.281	-0.689	1.0036	0.2582	-0.356	1.0504	1.5774	0.7004
PCHAS_041470	-0.911	0.0809	0.4431	0.0521	0.2112	0.3282	0.405	0.0252	0.5567	-0.276	0.405	-0.074
PCHAS_070120	0.4197	0.3696	0.355	0.6575	0.0407	1.1131	-0.795	0.5534	1.0035	1.0752	0.3445	0.8053
PCHAS_135670	-0.408	0.4551	0.0039	0.3106	0.3417	-0.007	-0.243	0.337	0.3137	0.4011	0.0412	0.1856
PCHAS_131130	0.2702	0.2557	0.2758	0.3568	0.0913	1.0407	0.8529	-0.292	0.9078	0.0238	-0.316	-0.012
PCHAS_112420	-0.048	-1.013	0.5692	-0.148	0.142	-0.332	-0.24	-0.728	-0.597	-1.395	-0.737	-0.298
PCHAS_146110	0.5978	0.7407	0.953	0.3615	0.0518	0.3696	0.3727	0.0506	0.3377	-0.236	0.3036	0.3875
PCHAS_061810	-0.187	0.2234	-0.229	-0.116	0.1216	-0.75	-0.31	-0.19	-0.545	0.055	0.2778	0.3599
PCHAS_124530	-0.739	0.351	-0.469	-0.121	-0.098	-0.678	-0.496	-0.121	-0.18	0.0556	0.3157	-0.251
PCHAS_020420	-0.304	0.7772	0.1032	0.369	0.1817	0.2437	-0.209	0.0306	0.3268	-0.208	0.267	0.4218
PCHAS_030430	1.5975	0.3875	0.4081	0.0128	0.2271	0.286	0.3299	0.1165	-0.07	-0.304	0.3389	-0.598
PCHAS_040340	-1.232	0.5994	0.6206	1.1523	0.1845	0.8098	0.0062	0.5302	0.7461	0.911	0.4654	0.8483
PCHAS_123230	1.1749	0.8187	-2.703	0.6817	-0.1	0.6023	1.686	-0.638	1.0804	-0.147	-0.154	-0.134
PCHAS_020860	0.5071	0.2784	0.262	0.2417	0.2253	-0.306	-0.246	-0.715	-0.334	-2.073	-1.078	-1.6
PCHAS_134030	#####	0.3045	-0.116	0.3021	0.1188	0.1757	0.7416	-0.654	-0.334	0.0662	0.0941	0.0309
PCHAS_113800	1.1606	-0.114	0.7361	0.0356	0.2425	-0.46	0.5341	0.012	-0.661	-0.718	0.2069	-0.747
PCHAS_010810	0.652	0.6207	0.8124	0.182	0.5097	0.1015	-0.023	1.0298	-0.127	-1.818	-1.063	-0.653
PCHAS_122650	0.104	0.4499	0.7088	0.485	0.4069	0.7482	0.4811	0.29	0.6151	0.0462	0.0122	0.4019
PCHAS_090730	-0.35	-0.829	-2.268	0.7154	-1.599	-0.769	0.7734	-0.525	-0.72	-0.323	2.1943	0.2644
PCHAS_092920	-0.179	0.0054	-0.232	0.4312	-0.058	0.2289	-0.003	0.0276	0.3686	0.792	0.259	0.7905
PCHAS_070990	0.1126	-0.788	-1.754	0.4617	-0.327	-0.051	0.503	0.2969	-0.306	0.5435	1.9102	1.0138
PCHAS_122610	-0.012	-0.071	0.4663	0.1787	0.3931	0.405	0.1676	0.4617	0.333	-0.162	0.1031	0.6656
PCHAS_061460	-0.205	0.5304	0.4353	-0.153	0.1879	0.5239	0.8267	1.1549	0.402	1.706	0.5958	1.1746
PCHAS_136540	0.5063	-0.577	-0.095	-0.67	-0.022	-0.5	0.0201	0.1744	-0.334	0.8436	0.8465	0.3581
PCHAS_072610	0.9034	0.557	0.5928	0.3963	0.0575	0.5282	-0.266	-0.52	0.6868	-1.218	-1.142	-0.747
PCHAS_135210	0.8675	0.473	0.461	0.2231	0.1229	-1.15	0.5157	-0.8	-0.682	-1.306	-0.935	-0.67
PCHAS_142190	-0.597	-0.063	0.6312	0.4105	0.2778	0.1126	0.7168	0.2043	0.1426	-0.353	-0.025	-0.292
PCHAS_083440	-0.119	0.5349	0.7566	0.0301	0.0919	0.3309	0.6372	0.3961	0.1783	0.053	0.158	0.1082
PCHAS_082120	-1.045	0.2977	0.5017	0.1763	0.0033	0.5824	-1.082	0.0568	0.2688	0.1421	-0.601	-0.609
PCHAS_112830	0.3646	-0.253	0.5243	0.0103	0.3037	0.0582	0.5638	0.4841	-0.221	0.4264	-0.014	0.0283
PCHAS_020270	-0.927	-0.348	0.3051	0.2006	-0.087	-0.067	0.5122	-0.217	-0.678	0.2627	-0.194	0.1013
PCHAS_136650	0.4712	0.3211	0.8928	0.2586	0.0836	0.1341	0.5797	-0.009	0.1996	0.1217	0.0519	0.1171
PCHAS_131570	1.1689	0.5052	1.1106	-0.011	0.2289	-0.078	1.3252	0.322	-0.095	-0.923	0.2151	-0.07
PCHAS_134110	-0.079	0.0779	0.536	-0.178	-0.06	0.0219	0.2885	-0.052	-0.312	-0.155	0.1648	-0.444
PCHAS_081990	0.2007	0.4267	0.1682	0.2086	0.1012	0.0653	-0.325	0.4027	0.0935	0.5412	-0.151	0.7844
PCHAS_111500	0.8779	0.1549	1.268	0.1562	0.146	-0.275	0.8979	0.0699	-0.038	-1.024	0.1809	-0.654
PCHAS_041850	-0.828	-0.497	0.2578	0.0542	0.2269	-0.449	0.1114	-0.211	-0.375	-0.713	-0.589	-0.261
PCHAS_092930	-0.728	0.0512	0.1124	-0.39	0.0757	0.0503	0.2895	-0.035	-0.161	-0.13	0.0887	0.3613
PCHAS_030180	0.2888	0.4432	0.878	0.7047	0.0504	0.7958	0.431	0.3616	0.3671	0.1028	0.1856	0.5237
PCHAS_031490	-0.447	0.3053	0.5202	0.705	0.1033	0.1584	-0.255	-0.379	-0.047	-1.041	-0.821	-0.821
PCHAS_133360	-0.571	-0.721	0.2873	-0.366	0.0762	-0.896	-0.549	-0.744	-1.126	-0.672	0.3862	0.0764

PCHAS_120440	0.8485	-0.048	-0.012	-0.252	0.2022	-0.205	-0.255	0.5194	-0.264	-1.754	0.043	-0.171
PCHAS_051790	-0.011	-1.078	-2.451	-0.084	-0.683	0.6097	0.1078	-0.744	-0.324	0.0269	0.0642	-0.12
PCHAS_120880	0.6096	0.5184	1.0956	0.1839	0.2768	-0.088	-0.23	-0.286	-0.08	-1.067	-0.001	-0.067
PCHAS_070360	1.5855	0.0735	1.1132	0.2372	0.1793	0.0064	-0.098	0.7143	0.1725	-0.142	0.0168	-0.31
PCHAS_093230	-0.048	-0.103	0.2153	0.026	0.0584	-0.096	0.1563	0.0476	-0.165	-1.013	-0.749	-0.693
PCHAS_082450	0.055	0.5068	0.4987	0.268	0.112	0.8213	0.0658	-0.36	0.4492	-0.581	0.0974	-0.23
PCHAS_072620	-0.017	0.2639	-0.343	0.4484	0.1421	0.2592	-0.857	0.2248	0.3126	-0.679	-0.766	-0.405
PCHAS_134930	-0.079	0.007	0.0621	-0.576	-0.401	-0.072	-0.069	-0.384	-0.215	0.2585	1.793	0.6177
PCHAS_132710	0.1243	-0.276	0.4022	-0.052	0.0854	-0.119	-0.012	0.1222	-0.082	0.4936	0.0529	0.2159
PCHAS_132870	-0.707	-0.051	0.1279	0.1794	0.1649	-0.138	0.9652	0.5268	-0.146	-0.219	0.0646	0.2269
PCHAS_113840	-0.498	-0.104	0.0939	0.2812	0.4399	0.2142	-0.066	0.1037	0.2072	-0.101	-0.048	0.4537
PCHAS_072300	0.136	-0.146	0.1816	0.0333	-0.902	0.1757	-0.475	0.4768	0.0085	1.547	0.9224	0.5906
PCHAS_083120	0.303	-0.59	0.024	-0.179	0.0317	-0.052	-0.211	-0.15	-0.856	0.3535	0.4073	-0.561
PCHAS_143120	-0.19	-0.115	0.6552	-0.076	-0.022	-0.479	0.1677	0.6448	-0.258	0.1781	0.2736	0.0025
PCHAS_082010	1.1421	0.4019	0.273	-0.277	-0.224	-0.733	0.1186	-0.811	-0.693	-1.231	-0.029	-0.846
PCHAS_136800	0.4242	0.2643	0.0838	-0.035	-0.22	0.2848	-0.059	-0.541	-0.397	0.6624	0.0869	0.1868
PCHAS_146300	-0.422	0.2971	0.0673	0.0956	0.1603	-0.021	-0.279	-0.647	-0.331	-0.107	0.1217	-0.122
PCHAS_134630	-0.408	0.1943	-0.1	0.1486	0.4112	-0.069	-0.378	-0.789	-0.137	0.0402	0.1634	-0.472
PCHAS_080250	-0.494	-1.002	-1.168	-0.927	-0.26	0.7107	0.0449	-0.187	0.3979	2.1274	1.6262	1.6284
PCHAS_122510	-0.229	-0.216	0.1576	-0.198	-0.076	-0.401	-0.232	0.1395	-0.598	0.1992	0.1757	0.6769
PCHAS_120870	-0.137	-1.017	0.1126	-0.317	0.2347	-0.359	0.1924	0.271	-0.229	-0.531	0.092	-0.105
PCHAS_040710	0.6799	0.5531	-0.547	0.5743	0.332	0.1831	0.1724	0.4527	0.3589	0.279	-0.399	0.2605
PCHAS_082080	-0.153	0.402	0.4803	0.8038	0.1737	-0.38	-0.054	-0.239	-0.277	-1.172	-0.995	-0.904
PCHAS_062430	1.0677	0.451	0.5841	0.3498	0.1344	-0.421	0.3578	0.6816	-0.316	-0.761	0.0402	-0.434
PCHAS_102300	0.0489	-0.075	0.03	-0.121	-0.091	-0.028	0.5813	0.517	0.0571	0.3396	0.5907	0.1634
PCHAS_031470	-1.124	-0.42	0.1967	-0.103	0.1583	0.0421	-0.082	-0.609	-0.593	-0.255	-0.767	-0.103
PCHAS_090030	0.3659	0.7556	0.4437	1.0044	0.0399	0.4909	0.0874	0.3861	0.5636	0.4602	-0.346	0.9513
PCHAS_120990	-0.767	-0.048	0.156	0.1624	0.151	-0.061	0.604	0.7223	-0.305	-0.015	0.4015	-0.041
PCHAS_020870	-0.014	-0.209	0.3105	-0.286	0.2774	-0.73	-0.442	-0.054	-0.454	-0.337	-0.025	-0.065
PCHAS_143500	0.7312	0.1329	0.0946	0.3925	0.1373	-0.264	0.1192	0.0358	-0.367	0.7071	0.8023	0.8655
PCHAS_040080	0.3777	-0.097	0.8349	-0.143	0.2788	0.1094	-0.418	0.1513	-0.091	0.4699	0.0725	-0.227
PCHAS_041400	-0.372	0.7461	0.6041	0.0557	0.0344	0.4509	-0.22	-0.399	0.0654	0.0421	0.1179	0.0467
PCHAS_141560	0.2755	-1.2	-0.901	-1.26	-0.295	-0.067	-0.544	-0.017	0.0293	1.611	2.0383	1.2348
PCHAS_060690	0.6139	-0.297	1.2947	-0.083	0.1818	-0.305	0.3674	0.3081	0.0025	-0.002	0.0897	0.1269
PCHAS_101920	0.5689	0.7252	0.5766	0.2202	0.386	0.4478	-0.238	-0.371	0.1436	-1.21	-0.782	-0.34
PCHAS_080570	0.2823	0.1246	-0.095	-0.058	-0.269	-0.161	0.3019	-0.045	-0.217	-0.687	-0.178	-0.489
PCHAS_131520	0.995	0.3474	0.8211	0.3654	0.4134	-0.027	0.4273	0.9209	0.1707	0.3766	0.2022	0.576
PCHAS_132950	-0.717	-0.188	0.2582	-0.563	-9E-04	-0.289	-0.516	0.6201	-0.655	0.0611	-0.004	0.2018
PCHAS_145270	-0.348	0.4523	0.4189	0.1419	0.0979	-0.349	-0.353	-0.079	0.0433	0.0841	-0.097	0.2326
PCHAS_011320	-0.457	0.59	0.7108	0.3758	0.2664	0.5855	-0.352	0.5405	0.7948	0.8842	-0.183	0.5726
PCHAS_070390	0.2756	0.5022	0.6945	0.424	-0.15	0.4229	0.3894	0.1607	0.3899	-0.718	0.2052	0.168
PCHAS_111390	0.9935	0.5382	0.8368	0.1674	-0.022	-0.301	0.7273	0.3717	-0.076	-0.164	0.3384	0.1878
PCHAS_134270	-0.3	-0.561	-0.177	-0.199	0.1139	0.2154	0.4532	0.2314	0.2256	-0.087	1.9935	0.1686
PCHAS_101630	-0.534	-0.405	0.4665	-0.326	0.0613	-0.16	0.0987	-0.629	-0.043	-0.193	-0.134	0.1538
PCHAS_142180	0.158	0.1055	-0.105	-0.252	-0.138	-0.333	-0.099	-0.102	-0.117	0.4175	0.1876	0.4863
PCHAS_072870	-0.483	0.1482	-0.106	0.4647	0.2142	-4E-04	-0.099	-0.121	0.1456	-0.318	-0.083	0.22
PCHAS_141950	1.3632	0.362	0.9145	0.3135	-0.124	0.0302	-0.766	0.2777	0.1596	0.0797	-0.161	-0.023
PCHAS_134880	0.6292	0.0549	0.7931	-0.08	0.123	-0.285	0.6565	0.0622	-0.009	-0.54	0.2998	-0.202
PCHAS_001100	2.1252	0.7268	0.2222	0.3779	0.0115	0.9575	0.8741	0.6366	1.2212	-0.417	0.0182	0.5625
PCHAS_113830	0.5972	-0.305	0.0117	-0.271	-0.015	0.8321	-0.731	-0.465	0.3034	1.7386	1.143	1.1436

PCHAS_132340	-0.558	0.4484	0.7853	0.1611	-0.038	-0.144	-0.345	-0.364	-0.053	-0.598	-0.73	-0.236
PCHAS_122820	-1.193	-0.003	-0.189	-0.361	0.4985	-0.384	-0.422	0.219	-0.615	-0.593	-0.438	-0.078
PCHAS_081100	0.868	-0.477	0.3883	-0.222	0.117	0.0972	1.4792	0.1019	-0.061	-0.099	0.404	-0.328
PCHAS_136450	0.4836	-0.176	0.2822	-0.534	-0.166	-0.934	0.6933	0.255	-0.634	-0.021	0.5327	0.055
PCHAS_146490	-0.7	0.7038	0.1771	0.2203	0.276	-0.328	-0.3	-0.181	-0.103	-0.378	-0.418	-0.258
PCHAS_041060	0.4696	-0.136	0.1241	-0.353	0.147	-0.528	0.495	0.3808	-0.204	-0.321	0.1641	-0.192
PCHAS_121890	-0.426	0.1056	0.0142	0.1557	0.4292	0.0924	0.0173	-0.441	0.1118	-0.722	-0.933	-0.557
PCHAS_133740	-0.363	0.0979	0.1914	0.1366	0.1675	0.3303	-0.029	0.1473	0.1758	-0.108	0.0156	0.2578
PCHAS_030470	0.016	0.0542	-0.635	0.1036	0.0199	-0.079	0.1627	-0.112	-0.071	-0.099	-0.215	0.0291
PCHAS_062240	0.389	0.0546	0.1125	-0.063	0.172	-0.064	0.7461	0.233	-0.133	-0.044	0.2048	-0.1
PCHAS_051210	0.1326	-0.046	0.3284	0.1095	0.2592	-0.196	-0.213	0.5696	0.1515	0.4955	0.0806	0.2632
PCHAS_031480	1.8825	0.3453	0.3403	0.5064	-0.088	0.7721	0.3199	0.4992	1.3301	-1.198	0.2899	1.0525
PCHAS_102340	0.1478	0.1202	0.6459	0.3285	0.0063	-0.054	0.132	0.5439	0.0655	-0.331	0.0191	-0.032
PCHAS_143650	1.1516	-0.182	1.0729	-0.442	0.0737	-0.411	0.3298	-0.102	-0.279	-2.08	-0.481	-0.587
PCHAS_051800	-1.121	-1.954	-0.706	-0.425	-0.871	-0.602	-0.397	0.2354	-0.537	-1.015	-0.916	-1.192
PCHAS_135920	-0.561	0.2289	0.3088	-0.221	0.0429	-0.359	-0.235	-0.483	-0.309	-0.096	0.212	-0.182
PCHAS_080710	0.7279	0.0683	0.2106	0.1221	0.0154	0.1537	-0.682	-0.437	0.1944	-0.101	-0.24	-0.003
PCHAS_124160	0.2378	-0.619	-2.684	0.3522	-1.624	-0.335	-0.631	-1.76	-0.046	0.4404	0.7759	0.5684
PCHAS_041830	0.6067	1.033	0.7503	0.8003	0.1012	0.7033	0.2943	0.6522	1.4959	-0.039	-0.544	-0.03
PCHAS_123320	-0.736	-0.445	0.7139	-0.332	-0.01	-0.553	0.1865	0.2921	-0.51	-0.552	-0.008	-0.009
PCHAS_050300	0.282	0.6902	-0.373	0.1936	0.1381	-0.207	-0.369	-0.051	0.0283	0.3726	-0.037	-0.12
PCHAS_092060	0.1641	0.9306	0.5902	0.0573	0.235	0.2917	1.0388	0.0832	0.1446	-0.912	0.2409	-0.095
PCHAS_080020	0.1273	0.7036	0.9217	0.5774	0.1401	0.6319	0.1836	0.4911	0.5923	0.6278	0.0654	0.2816
PCHAS_060800	-0.021	-0.278	-0.067	0.2822	0.0612	-0.277	1.0517	0.5391	-0.055	0.5667	0.3897	0.5094
PCHAS_135950	0.7163	-0.581	0.3369	-0.208	0.031	0.0407	1.4955	0.4149	0.3078	-0.121	0.5363	-0.199
PCHAS_130910	-0.477	-0.397	-0.628	-0.255	0.1688	0.1736	0.6939	0.3829	0.1169	-0.023	-4E-04	-0.1
PCHAS_143350	1.1134	0.4885	-0.274	0.5165	0.2215	0.1057	0.2576	0.988	0.3261	-0.026	-0.176	0.6818
PCHAS_052170	-0.538	0.0116	0.6786	0.1902	0.0431	0.2815	0.1726	0.044	-0.013	-0.025	0.0718	0.1312
PCHAS_123630	0.501	0.4945	0.3674	0.3955	0.1627	0.5203	-0.148	0.1659	0.3556	-0.305	0.0476	0.383
PCHAS_103980	-0.237	-0.143	0.2976	0.0297	0.3566	-0.177	0.0281	-0.241	-0.374	-1.138	-0.548	-0.494
PCHAS_142930	0.0766	0.308	0.6189	-0.295	0.1087	-0.359	1.927	-0.111	-0.344	0.2923	0.0927	-0.11
PCHAS_110850	-0.776	-0.789	0.4671	-0.652	-0.083	-0.905	-0.434	0.2673	-0.781	-0.01	0.0083	-0.207
PCHAS_136750	-0.259	-0.364	0.0946	-0.29	-0.463	-0.037	0.2921	0.0473	-0.082	-0.706	-0.466	-1.035
PCHAS_134070	0.3965	-0.038	-2.022	0.5597	-1.496	1.1661	1.0236	-0.408	0.2446	0.7516	0.3235	0.5245
PCHAS_100260	-0.401	-0.348	0.5102	-0.188	-0.087	-0.463	0.6082	-0.095	-0.209	0.4961	-0.06	-0.054
PCHAS_145500	1.6116	0.1743	0.6255	0.4887	0.0839	0.8894	1.1579	-0.035	0.585	0.2509	0.1405	0.2156
PCHAS_071720	-0.814	-0.316	-0.45	0.0363	-0.074	-0.081	0.4471	0.0881	0.244	0.0458	0.1518	0.4731
PCHAS_072030	1.8647	0.1322	0.8904	0.458	0.0978	1.5327	0.579	0.4456	0.2177	0.169	0.0152	0.5647
PCHAS_041620	0.3085	0.4341	0.3809	0.323	0.2555	-0.06	-0.12	0.134	-0.108	-0.075	-0.042	0.0936
PCHAS_120300	-0.341	0.8835	0.5692	0.8668	0.3448	0.9111	-1.017	0.8978	0.9087	0.4901	0.0564	0.9267
PCHAS_070130	0.7836	0.3731	0.2471	-0.04	0.0101	0.613	1.3057	0.9851	0.2782	0.1166	0.1765	0.4442
PCHAS_136500	0.293	0.4886	0.0079	0.3491	0.1188	0.0872	-0.65	-0.14	-0.2	0.0765	-0.269	0.0045
PCHAS_141920	-0.637	0.9172	0.532	0.0528	0.009	0.0119	-0.591	-0.278	0.4844	0.0268	0.2348	-0.028
PCHAS_080660	0.5926	-0.758	0.3265	-0.748	-0.079	-1.058	1.1768	0.6957	-0.527	-0.583	0.0417	-1.011
PCHAS_133230	0.1732	-2E-04	0.2313	0.3835	0.0103	0.6493	0.2557	-0.325	0.6529	-0.607	-0.067	-0.446
PCHAS_051100	0.5661	-0.149	-1.859	0.6658	-1.023	1.3957	0.7394	-0.558	1.5967	0.1431	2.1185	0.654
PCHAS_110990	-0.112	0.4825	0.8326	0.4046	0.1189	0.5238	0.7278	0.1129	0.6663	0.3221	0.1072	0.4032
PCHAS_051900	-0.123	0.5559	0.2612	0.5291	0.278	0.5464	0.0265	0.1099	0.3525	-0.001	-0.347	0.027
PCHAS_102650	0.0808	-1.074	0.3893	-0.928	-0.132	-1.239	0.5182	0.3333	-0.537	-0.958	0.4515	-1.122
PCHAS_123790	0.1841	0.1115	0.7795	0.2768	0.0522	0.559	-1.313	-0.247	-0.043	-0.542	-0.579	-0.645

PCHAS_135400	0.2275	0.2598	0.1847	0.2343	0.0927	0.4935	0.0851	0.3668	0.1685	-0.169	0.0861	-0.115
PCHAS_130630	0.5061	0.4992	0.2459	0.044	-0.153	-0.088	-0.54	-0.226	-0.237	-0.609	-0.309	-0.031
PCHAS_142280	-0.541	-0.521	0.6281	-0.729	-0.034	-1.24	1.2796	0.1305	-0.6	0.3159	-0.018	0.1923
PCHAS_123650	0.1653	0.0019	0.0506	0.4512	0.171	0.2582	0.2045	0.5322	0.1482	-0.131	-0.165	0.1667
PCHAS_111780	0.1372	0.0582	-2.249	0.3686	-0.754	0.1556	0.1134	-0.375	0.2559	0.4071	0.1331	0.4509
PCHAS_052030	-0.4	-0.046	-0.038	-0.09	0.1935	-0.685	0.0562	0.0754	-0.091	0.1213	0.1624	0.039
PCHAS_136780	-0.58	1.0831	1.0613	0.7864	0.2151	0.3531	-0.186	0.4855	0.7861	0.6113	0.1142	0.5543
PCHAS_133370	-0.165	-0.909	0.3836	-0.639	0.058	-0.687	-0.478	0.2188	-0.421	0.1504	1.0771	0.4076
PCHAS_030690	-0.344	-0.4	-0.437	-0.21	0.4591	0.0292	0.4007	-0.287	0.0447	-0.554	-0.157	0.0373
PCHAS_144500	-0.218	0.1326	0.1959	-0.014	0.1702	-0.239	0.0796	0.1326	-0.351	-0.389	0.1048	-0.224
PCHAS_111460	-0.09	0.1753	0.3648	0.24	0.1649	0.5325	0.7446	-0.175	0.5907	-1.116	-0.614	0.094
PCHAS_141990	0.1036	0.4658	0.5817	0.1699	0.2364	0.7538	1.1018	0.2714	0.852	-0.07	0.1262	0.3967
PCHAS_030650	0.977	0.5435	0.8408	0.1635	0.1713	0.2884	-0.774	0.2794	0.2545	-0.081	0.3196	0.1863
PCHAS_144580	-0.222	1.7517	-0.87	0.6976	0.1409	0.634	-0.045	-0.754	0.1763	0.5548	0.2305	-0.198
PCHAS_080040	0.7713	0.32	-0.347	-0.075	-0.102	-0.187	-0.35	-0.227	-0.345	-0.73	-0.233	0.1888
PCHAS_133830	-0.063	-0.565	0.5422	-0.462	0.1911	-0.535	-0.002	0.0739	-0.436	-0.784	0.241	-0.548
PCHAS_121880	0.078	-0.412	0.2585	-0.448	0.0841	-0.463	-0.126	-0.228	-0.328	-0.486	0.201	-0.243
PCHAS_010950	0.7343	-0.696	-0.198	-0.288	-0.461	-0.549	1.1413	0.3486	-0.359	0.1003	0.2579	-1.054
PCHAS_103540	-0.087	0.1716	0.5646	0.3929	0.2272	0.2049	-0.32	-0.149	0.0834	0.0415	-0.204	-0.095
PCHAS_103120	0.7666	0.346	0.6612	0.4304	0.1425	0.4619	0.1531	-0.209	0.5193	-0.357	0.2048	0.0582
PCHAS_070780	1.4769	0.1418	0.471	-0.097	-0.558	-0.821	1.0685	1.1897	-0.621	-0.08	0.5561	-1.46
PCHAS_031020	0.422	-0.097	-2.451	0.6079	-1.573	0.6549	0.6693	-0.679	0.2961	0.1745	-0.287	0.7599
PCHAS_101160	1.1941	1.4597	0.5664	0.8461	0.076	-0.519	0.3828	0.6056	0.4437	-0.212	-0.045	0.3349
PCHAS_132550	0.8934	0.0766	0.3978	0.4107	0.2684	0.3307	0.2938	0.7622	0.307	-0.217	0.0161	0.1662
PCHAS_072900	0.9227	-0.758	0.5539	-0.051	0.1963	-0.984	0.592	0.7779	-0.758	-0.652	0.4752	-0.849
PCHAS_146230	-0.978	-1.078	-0.287	-0.269	0.0336	-0.129	0.4518	0.1401	-0.242	-0.362	-0.52	-0.652
PCHAS_082350	0.7807	-0.104	0.148	0.0494	-0.056	0.1123	1.3461	-0.149	0.233	-0.514	0.2664	-0.318
PCHAS_070450	-0.44	-1.108	0.5347	-0.124	-0.14	-0.316	-0.805	-0.028	-0.991	0.1513	0.089	0.3455
PCHAS_090050	-0.498	0.824	0.5161	0.458	0.1495	0.8211	0.2314	-0.151	0.706	-0.004	-0.007	0.2223
PCHAS_093070	0.1583	0.1454	0.8117	0.4463	0.047	1.0563	-0.211	-0.507	0.8248	-1.209	-0.589	-0.593
PCHAS_144720	-0.258	-0.562	0.2727	0.3087	0.1659	-0.585	0.8493	0.2799	-0.185	0.2756	0.4734	0.9211
PCHAS_133770	-0.341	0.4069	0.5316	0.1436	0.1251	-0.095	-0.587	0.0206	-0.014	-0.038	-0.156	0.0848
PCHAS_102000	0.3248	0.6359	0.7635	0.4166	-0.058	0.4051	-0.572	-0.065	-0.155	0.0415	0.1907	0.1722
PCHAS_021090	0.3967	0.4021	0.4436	0.4298	-0.139	0.4782	-0.774	-0.83	0.0869	-0.623	-0.379	-0.563
PCHAS_136680	0.0966	0.9489	1.1982	0.1415	0.8591	-0.001	-0.182	-0.47	0.1301	-0.39	-0.07	-0.085
PCHAS_050790	0.3649	-0.056	0.5806	0.1427	-0.244	0.594	-0.144	-0.374	0.3068	-0.671	0.1201	-0.534
PCHAS_010350	-0.532	1.0755	1.0219	1.0418	0.2946	0.7629	0.1789	-0.297	0.7078	-1.237	-1.117	0.0779
PCHAS_071830	1.098	1.2327	-0.222	0.7706	-0.522	0.7829	0.6365	0.6084	0.9393	0.2808	-0.038	0.8022
PCHAS_093540	-0.311	0.3302	0.1232	0.36	-0.044	-0.45	0.1263	-0.268	-0.291	-0.729	-0.914	-0.426
PCHAS_111470	-0.423	-1.479	0.7995	0.4301	0.1638	0.6537	-0.113	-0.205	0.3674	-0.681	-0.554	-0.051
PCHAS_080550	0.5622	-0.525	0.3524	-0.081	0.314	-0.529	0.6787	0.1667	-0.432	-0.732	0.284	-0.689
PCHAS_136210	0.4098	-0.521	0.304	0.2906	0.3893	-0.063	1.1005	0.3291	-0.04	-0.923	-0.446	-0.908
PCHAS_080010	-0.511	0.2822	0.6369	0.3944	0.2904	0.8623	-0.456	0.524	0.4594	0.0239	-0.056	0.5189
PCHAS_090230	-0.094	-0.324	0.0823	-0.115	-0.18	1.333	-1.268	-0.072	0.531	2.4523	1.2758	1.5734
PCHAS_091960	-0.251	0.0051	-0.206	0.4099	0.2575	0.1642	0.0311	-0.179	0.0605	-0.921	-1.131	-1.095
PCHAS_100670	0.0553	0.5793	0.2242	0.0874	0.1962	-0.461	-0.451	-0.087	0.4818	0.0908	-0.233	-0.088
PCHAS_092760	0.4568	-0.585	-0.098	-0.356	-0.144	-0.473	0.5301	0.7926	-0.131	0.5662	0.7286	0.2869
PCHAS_145160	0.102	0.0345	0.0099	0.0876	0.1705	-0.33	-0.261	0.1736	-0.514	0.4177	0.016	0.3403
PCHAS_020640	-1	-0.788	0.0145	-1.055	-0.108	0.2197	1.6242	1.026	0.1468	1.3625	1.2821	0.4841
PCHAS_083190	0.7383	-0.299	0.3052	-0.026	0.0501	-0.015	0.9099	-0.303	0.1592	-0.487	0.1585	-0.337

PCHAS_010150	0.8603	0.2659	0.4091	0.7214	0.1154	0.005	-0.156	0.2696	0.0439	-0.455	-0.07	-0.421
PCHAS_141540	0.3766	-0.199	0.3148	-0.048	0.0064	-0.286	1.4636	0.0544	-0.098	-0.222	0.3225	0.0055
PCHAS_060880	-0.593	-0.461	0.0531	-0.41	-0.029	-0.612	-0.106	-0.118	-0.636	-0.346	0.0677	-0.314
PCHAS_143900	-0.751	-0.46	-0.399	0.12	0.3045	0.1747	0.6689	0.2804	0.1429	0.0239	-0.399	-0.142
PCHAS_123380	-0.322	-0.851	0.376	0.0441	0.1246	0.5892	-1.476	-0.066	-0.262	-0.659	-0.62	-0.285
PCHAS_137060	1.54	1.5101	0.7534	0.1532	-0.279	0.1286	0.5513	0.5375	0.1646	0.2372	0.2158	0.0401
PCHAS_021300	0.6744	0.6134	0.4264	-0.376	0.0556	0.4895	0.2292	0.0022	0.1793	0.2977	0.2348	0.6249
PCHAS_082580	-0.235	-0.066	0.2189	0.5647	0.2267	0.6742	-0.072	0.6539	0.9091	0.7612	0.2213	0.472
PCHAS_070970	0.1985	0.138	0.4235	0.3553	0.0036	0.0358	0.2583	-0.019	0.3715	0.0004	-0.049	-0.153
PCHAS_061400	-0.563	0.2174	0.2416	0.0196	0.045	-0.365	-0.849	-0.584	-0.547	-0.381	-0.819	-0.654
PCHAS_114290	0.0569	-0.276	0.2025	0.0118	0.0915	0.3044	0.1197	0.854	0.0435	0.4028	0.3581	0.8649
PCHAS_144670	0.6931	-0.065	0.1782	-0.07	0.0453	-0.255	0.6803	-0.077	-0.035	0.834	1.1354	0.8349
PCHAS_144150	0.4914	0.6244	0.6507	0.1562	0.3164	-0.737	0.1453	0.1359	-0.414	-0.302	0.2144	-0.291
PCHAS_050020	-0.887	-0.183	0.1765	0.6117	0.2242	0.4671	1.6334	0.6163	0.335	0.1576	-0.365	-0.113
PCHAS_111480	-0.349	-0.267	0.3012	-0.113	0.3182	-0.419	0.2134	-0.079	-0.382	-0.482	0.001	0.1038
PCHAS_040520	0.7079	0.381	0.2239	-0.009	0.1908	-0.461	-0.553	0.0387	-0.406	-0.57	-0.154	-0.447
PCHAS_101430	-0.366	0.7857	0.6111	0.298	0.0024	-0.186	-0.016	-0.539	-0.171	-0.201	0.0116	0.0195
PCHAS_113760	0.6016	-0.208	0.555	0.1649	-0.091	0.4786	-1.159	-0.065	-0.461	0.1406	-0.107	0.146
PCHAS_145780	0.2247	-0.203	-0.257	-0.156	0.1163	-0.15	0.3661	0.2197	-0.052	-0.563	-0.051	-0.449
PCHAS_093750	0.1727	1.1041	0.7332	-0.081	0.1296	0.7862	1.0946	0.5507	0.8544	1.0027	0.8416	0.8824
PCHAS_060980	-1.086	-0.718	0.0799	-0.305	-0.105	-0.057	0.8019	-0.119	-0.426	-0.479	-0.093	-0.314
PCHAS_100690	-0.733	0.5139	0.3772	0.311	0.3485	-0.317	0.0688	-0.38	-0.032	-0.344	-0.623	-0.514
PCHAS_113810	0.099	-1.069	0.1238	-0.102	0.1425	0.2822	0.5679	-0.02	0.2036	-0.431	0.2659	-0.261
PCHAS_073130	-0.299	1.1621	0.6061	0.5485	0.156	0.5024	0.2948	0.7265	0.7334	0.5961	-0.044	0.5787
PCHAS_136020	0.1655	0.0346	0.069	-0.177	-0.209	-0.591	-0.595	0.2183	-0.261	0.8689	0.9421	0.4749
PCHAS_100930	0.3415	-0.99	-2.296	0.0888	-0.582	-0.96	0.6505	-0.333	-1.128	-0.351	1.2078	0.0016
PCHAS_140130	0.5296	0.2877	0.2795	0.532	0.0431	-0.054	0.5652	0.5066	0.0695	-0.344	0.0412	-0.103
PCHAS_142320	0.2102	-0.441	0.7158	-0.154	0.3669	-0.852	0.534	0.1183	-0.419	-0.667	0.247	-0.409
PCHAS_145190	-0.312	0.8089	0.7023	-0.149	0.2024	-0.084	-0.565	-0.458	-0.007	-0.315	-0.005	-0.206
PCHAS_131650	-0.578	0.0662	0.0259	0.4052	0.0107	0.0692	-0.043	0.3446	0.0486	-0.381	-0.2	0.049
PCHAS_011510	-0.356	-0.212	-0.025	-0.493	-0.336	-0.929	1.6926	-0.101	-0.856	-0.53	-0.009	-0.254
PCHAS_123170	0.556	0.3604	-0.017	0.1889	0.0774	-0.328	-0.343	0.1064	-0.356	0.1337	0.2856	0.1267
PCHAS_030390	0.0777	-0.461	0.1886	0.2996	0.291	-0.394	0.0921	0.7118	-0.182	-0.209	0.1043	0.0959
PCHAS_071630	0.1968	0.0936	-0.27	0.0776	0.1373	-0.29	-0.101	0.4365	-0.404	-0.192	0.0268	0.4486
PCHAS_081390	0.9349	-0.327	-0.082	-0.059	0.174	-0.248	0.1705	0.6279	-0.414	-0.399	0.286	0.1187
PCHAS_093240	0.0969	-1.134	-0.162	-0.67	-0.478	-0.894	-0.288	-0.198	-0.371	-1.301	-0.771	-1.231
PCHAS_136830	-0.126	-0.097	0.8484	-0.258	-0.149	-0.72	0.9894	0.0041	-0.746	-0.692	0.2217	-0.219
PCHAS_140620	0.8782	0.3023	1.2553	0.2282	0.2108	-0.532	-0.067	-0.095	-0.237	1.0579	0.0464	0.1304
PCHAS_131950	-0.076	0.0477	-0.098	0.0607	0.0292	0.3615	0.4166	0.0325	-0.098	0.1723	0.3852	-0.033
PCHAS_142110	0.0814	-0.23	0.2713	0.0327	0.127	0.091	-0.059	0.116	-0.353	-0.01	-0.097	0.102
PCHAS_141860	0.2596	-0.314	-0.661	0.1685	0.0855	0.2676	0.0632	0.3589	0.0694	0.5751	0.5657	0.5007
PCHAS_100720	0.1128	0.23	0.1902	-0.589	0.0918	-0.402	0.1247	-0.322	-0.315	-0.917	0.0502	-0.713
PCHAS_020750	0.6056	0.5845	0.048	-0.28	0.0302	-0.599	-0.233	-0.129	-0.43	0.3338	0.3447	0.0998
PCHAS_140610	-0.227	-0.468	-0.342	-0.269	0.1053	-0.43	0.4371	0.4866	-0.2	0.7445	0.7138	1.1228
PCHAS_145350	-0.328	0.559	0.8128	0.1826	0.3068	0.0511	-0.829	0.0629	0.2945	-0.531	0.0289	-0.151
PCHAS_146240	-0.953	0.2626	0.4402	0.238	0.1544	0.3751	0.1811	0.3376	-0.4	0.1941	-0.181	0.5145
PCHAS_060110	1.1439	0.6687	0.6508	0.4085	0.0648	1.1964	1.4518	0.2787	0.8537	0.3845	0.0377	0.0805
PCHAS_123910	-0.57	-1.036	-0.414	0.3961	-0.887	0.0133	-0.672	-0.012	-0.482	0.1134	0.8756	0.5118
PCHAS_090200	0.36	0.473	0.5418	0.1295	0.3936	0.1915	-0.036	0.1858	0.0507	-0.309	-0.091	-0.086
PCHAS_031030	2.0574	1.3929	0.2879	1.3268	-0.12	1.3042	1.8204	1.7296	1.9488	0.8651	0.9673	1.8489

PCHAS_082050	0.7985	0.7164	1.3973	0.2436	0.3603	-0.066	-0.172	0.1442	-0.244	-1.204	0.0432	-0.054
PCHAS_021010	-0.695	0.4665	0.2727	0.0457	0.0177	-0.121	0.1872	0.1617	-0.083	0.184	0.201	0.2325
PCHAS_102380	1.6345	-0.607	0.0749	0.0222	0.1774	0.3402	0.3627	0.1961	0.0786	0.384	-0.041	-0.142
PCHAS_092000	1.8536	0.3395	0.5909	-0.041	0.0751	-0.891	0.2314	0.062	-0.352	-0.617	0.2507	0.0064
PCHAS_136430	0.1067	0.5819	-0.339	0.253	0.311	0.1733	0.7612	-0.087	0.335	0.1953	0.0816	-0.051
PCHAS_134590	0.3386	-0.727	0.2069	-0.184	0.1312	-0.652	0.3196	0.4402	-0.269	0.1154	0.1405	-0.09
PCHAS_143800	-0.067	0.6593	0.3016	0.3066	-0.037	0.4363	1.209	-0.016	0.3971	-0.277	0.2085	0.6239
PCHAS_121020	0.002	0.1468	0.5437	0.134	0.4543	-0.287	0.0713	-0.315	-0.274	-1.149	-0.561	-0.507
PCHAS_090530	0.4521	-1.06	0.1143	-0.042	0.009	-0.702	0.1049	0.3074	0.2542	-0.258	0.2953	0.4464
PCHAS_103230	-0.248	-0.466	0.7027	-0.035	-0.006	-0.034	0.1229	-0.129	-0.229	-0.214	0.1373	-0.122
PCHAS_142460	0.4776	0.2284	-0.82	0.2599	0.1334	0.2406	0.6795	0.4496	0.4506	-0.644	-0.069	0.0523
PCHAS_103060	0.1665	-0.126	0.2775	-0.136	0.0526	-0.067	0.1764	-0.103	-0.13	-0.899	-0.362	-1.089
PCHAS_145620	0.327	-0.815	0.5803	-0.529	-0.106	-0.476	1.4364	0.9659	-0.251	-0.207	0.2783	0.1556
PCHAS_144820	0.5284	-0.521	0.6205	-0.291	0.0899	-0.528	0.573	0.3043	-0.557	-0.056	0.265	0.0374
PCHAS_100210	-0.376	-0.423	0.3616	-0.131	0.0835	0.151	-0.038	0.291	0.0475	-0.394	-0.083	-0.408
PCHAS_070930	-0.568	0.0041	0.2784	0.2067	0.2811	0.5829	-0.543	-0.371	0.2904	-0.295	-0.885	-0.211
PCHAS_093680	-0.149	-0.662	0.2825	0.0156	-0.016	-0.057	-0.215	-0.365	-0.049	-0.039	-0.02	0.1848
PCHAS_134420	0.9555	0.5467	0.8	-0.089	-0.134	-0.163	0.5178	-0.021	0.1062	-0.008	0.177	0.5718
PCHAS_101050	-0.579	-0.222	0.4174	-0.089	0.277	0.0403	1.6444	-0.135	-0.121	-0.766	0.0509	-0.126
PCHAS_072340	-0.181	-0.463	0.5444	-0.674	-0.218	-1.084	1.4105	-0.351	-0.781	-0.573	-0.236	-0.283
PCHAS_061550	-1.29	0.232	0.1068	0.0962	-0.058	0.0639	0.1966	-0.599	0.0049	-0.022	-0.399	-0.65
PCHAS_060230	0.0059	0.2207	0.3582	0.36	0.0649	0.3097	-0.273	0.2425	0.3497	-0.238	-0.119	-0.687
PCHAS_051350	-0.197	0.0718	0.445	-0.132	0.1192	-0.267	0.3248	0.3608	0.021	-0.534	0.0967	-0.522
PCHAS_143530	0.2413	-0.426	-2.416	0.3219	-0.839	1.2829	0.6872	-0.157	0.8754	0.1601	-0.071	-0.133
PCHAS_121040	0.1938	-0.709	0.1758	-0.289	-0.006	0.2726	0.2188	0.6392	0.0588	0.6381	0.4251	0.3698
PCHAS_062370	0.0467	0.3503	-0.068	0.1984	0.0949	-0.009	0.5617	-0.394	-0.183	-0.17	-0.129	-0.159
PCHAS_140580	-0.64	0.1151	-0.089	-0.323	-0.131	-0.306	-0.619	-0.007	0.0004	-0.213	-0.705	-0.322
PCHAS_000980	1.9193	0.6153	1.0816	-0.052	-0.008	0.1398	0.4942	1.3033	0.1694	0.8925	0.2768	0.9928
PCHAS_100390	0.2775	-0.052	0.6675	0.0734	0.2107	0.1686	0.0194	0.1013	0.0849	-0.218	-0.021	-0.235
PCHAS_030080	1.6021	0.3273	0.7625	0.3832	0.1375	1.4403	0.4544	0.3684	0.4409	0.6174	0.1317	0.1083
PCHAS_140790	0.0986	-0.671	-0.392	-0.454	-0.064	-1.094	-0.07	-0.414	-0.603	1.2868	2.0792	0.8006
PCHAS_040420	0.3702	-0.048	-0.219	-0.201	0.1246	-0.939	0.2788	0.1077	-0.757	0.1179	0.2894	0.2088
PCHAS_061870	0.6152	-0.439	-0.034	0.2763	0.4416	-0.472	0.6888	0.172	-0.222	-1.155	-0.023	-0.217
PCHAS_093670	-0.295	-0.199	0.0494	-0.704	-0.168	-0.452	-0.327	-0.233	-0.89	0.8167	0.1678	-0.261
PCHAS_061140	0.0223	0.7748	0.7613	0.4431	0.1124	0.2884	-0.576	0.5581	0.1255	0.4694	0.3707	0.5666
PCHAS_083530	0.1256	-0.8	-0.063	-0.26	0.5519	-0.165	0.2065	0.5471	0.0228	0.3897	0.5157	0.3062
PCHAS_093360	0.6778	0.6251	0.3993	0.62	-0.104	1.0289	0.9109	1.3296	0.9135	1.3892	0.8646	1.6286
PCHAS_010500	0.0993	0.0729	-0.122	0.192	-0.76	-0.036	-0.401	0.3854	0.0253	-0.249	-0.189	-0.132
PCHAS_120420	-0.56	0.0739	0.5883	0.1707	0.0187	0.3529	-0.502	-0.033	-0.111	0.6446	-0.195	0.695
PCHAS_020880	0.121	-0.867	-1.458	0.088	0.1179	0.5695	0.174	0.0559	0.5616	0.7521	0.2882	0.3004
PCHAS_092280	0.9621	0.2502	0.7616	0.0416	0.3596	0.1616	0.6639	0.3198	0.5722	-0.427	0.301	-0.013
PCHAS_073170	-0.143	-0.668	-0.487	-0.582	0.2139	0.9072	0.3477	1.0937	0.9378	0.1898	-0.176	-0.067
PCHAS_135710	-0.062	0.086	-0.337	0.0823	0.0849	0.2632	0.1516	0.4012	0.2911	0.0961	-0.18	0.1618
PCHAS_145540	0.3437	-0.304	-0.729	0.8867	-1.656	0.1062	0.6395	0.4736	0.5967	0.9496	1.0668	1.5673
PCHAS_073010	0.1864	0.9625	-0.496	0.4625	0.1461	0.4693	-0.081	0.8053	0.5631	0.7141	0.782	0.7843
PCHAS_130110	0.4465	0.3549	0.6518	0.2332	0.0622	0.3824	-0.487	0.4857	0.7733	0.9938	0.5525	0.9588
PCHAS_060810	0.7925	0.4975	0.794	0.207	0.4636	0.3518	0.2678	-0.04	-0.369	-0.558	0.0099	-0.32
PCHAS_091460	-0.201	-0.888	-2.014	0.0187	-0.411	0.6857	0.9205	0.3892	0.5722	0.7578	0.5047	0.9947
PCHAS_120140	0.1688	0.061	0.3345	-0.189	-0.05	-0.188	0.3057	0.0121	0.0562	-0.029	0.0415	0.3129
PCHAS_113200	0.2928	-0.063	0.4721	0.2628	0.3406	-0.168	-0.354	-0.15	-0.449	-0.686	0.2986	-0.398

PCHAS_135380	-0.024	0.7418	1.1462	0.3294	0.255	0.6461	0.3824	-0.292	0.3736	-0.386	0.0426	-0.387
PCHAS_031010	0.3542	0.1693	0.7603	0.269	0.1623	-0.171	0.7797	0.3673	0.031	-0.745	0.1696	-0.055
PCHAS_130890	-0.306	0.2053	0.4525	0.5452	0.2064	0.0767	0.4233	0.2998	0.2193	-0.724	-0.459	-0.454
PCHAS_001110	0.2926	-0.322	-0.005	0.4121	0.2803	0.6025	0.3144	1.082	0.6926	0.8127	0.2307	0.7003
PCHAS_092460	1.1784	-0.505	0.1036	-0.316	0.086	-0.547	0.1933	0.5465	-0.423	0.7166	0.8943	0.3726
PCHAS_132910	-0.044	-0.509	0.3682	-0.019	-0.263	0.6058	-0.883	-0.147	0.3851	0.3121	-0.132	0.1565
PCHAS_120480	1.2458	-0.084	0.2906	-0.411	-0.023	-0.052	1.5752	0.3654	0.2892	0.5543	0.5239	-0.539
PCHAS_120450	0.3287	0.3142	-0.284	0.4625	-0.06	0.2223	0.393	1.3354	0.8454	1.5073	0.6436	1.36
PCHAS_072210	1.653	0.0042	0.6767	-1.298	0.1317	-0.451	1.3254	0.7934	-0.689	0.7446	0.5985	-0.079
PCHAS_135390	0.776	1.0191	1.2043	0.415	0.2718	0.4424	-0.342	0.8148	0.4743	0.1036	0.2622	0.7099
PCHAS_031040	1.3848	0.173	-0.12	0.1575	0.0493	-0.321	0.4047	1.1503	-0.056	0.9773	1.2293	0.6964
PCHAS_010530	0.1633	0.7459	0.6487	0.3434	-0.174	0.2948	0.8857	0.4783	0.5799	0.0914	0.249	0.547
PCHAS_051120	-0.262	0.5521	0.2068	0.2529	0.3098	0.4272	-0.256	-0.8	0.6075	0.1674	0.0588	0.3312
PCHAS_070650	0.0969	-1.047	-0.039	0.7479	-0.156	-0.455	0.0155	0.3786	-0.499	-0.181	-0.046	0.8477
PCHAS_082170	-0.56	-0.158	0.4206	-0.462	-0.139	-0.589	1.2932	-0.001	-0.312	0.2093	0.0338	0.2615
PCHAS_120360	0.8724	0.1926	0.8306	0.0288	-0.198	-0.319	-0.169	-0.148	-0.367	-0.432	0.2162	-0.038
PCHAS_112040	-0.761	-0.546	0.8629	0.0292	0.0074	-0.353	0.2875	0.2685	-0.157	0.1314	-0.155	0.1955
PCHAS_122590	0.0082	-0.266	0.567	-0.128	0.0573	-0.242	-0.051	0.526	-0.107	0.1903	0.2776	-0.029
PCHAS_083490	-0.028	-0.172	-0.338	-0.283	0.1447	-0.177	0.2614	0.572	-0.167	0.3146	0.2094	-0.209
PCHAS_060130	0.7796	0.6968	0.6067	0.656	-0.014	0.2135	0.2764	0.0492	0.179	-0.849	-0.063	-0.428
PCHAS_082430	-0.467	0.9754	1.0601	-0.152	-0.071	0.0701	-0.273	-0.067	0.2554	-0.069	0.2579	0.8737
PCHAS_093530	0.0654	-1.088	0.1348	-0.099	0.0702	-0.371	0.2237	0.8879	0.2163	0.4584	0.5373	0.5978
PCHAS_103320	-0.287	-0.051	-0.115	-0.06	0.1143	-0.343	-0.54	-0.292	-0.767	-0.166	0.0956	0.6377
PCHAS_083280	0.1164	-0.591	0.572	0.0651	-0.023	0.2251	-2.206	-0.563	0.0159	-1.125	-0.585	-0.744
PCHAS_040310	-0.147	-0.5	0.2247	-0.357	0.2554	-0.269	0.3518	0.2975	-0.446	-0.552	0.1208	-0.553
PCHAS_010220	0.6597	0.3534	0.3873	-0.133	-0.018	-0.209	-0.291	0.3631	-0.432	-0.298	0.4855	0.4448
PCHAS_111000	-0.554	0.9727	0.7628	0.0523	0.0839	0.2362	-0.251	-0.109	0.4272	-0.318	0.1396	0.2112
PCHAS_114180	0.2598	0.1953	0.8807	0.0197	0.0778	0.2239	-0.182	0.1143	-0.154	0.0726	0.1191	0.0002
PCHAS_122690	-0.06	0.6058	0.666	-0.521	0.1427	-0.388	-0.439	-0.755	-0.539	-1.291	-0.37	-0.25
PCHAS_136620	-0.032	-0.588	0.0429	0.0281	0.101	-0.151	-0.259	0.3604	-0.025	0.0284	0.002	0.3505
PCHAS_146640	0.299	0.048	0.1249	0.1637	0.1857	0.0271	0.1043	0.4136	-0.081	-0.376	-0.115	0.19
PCHAS_031410	-0.784	-0.277	0.2983	0.0026	0.1059	0.5801	1.2691	-0.894	0.3248	-1.079	-0.874	-0.426
PCHAS_050840	0.181	0.4898	1.1269	0.488	0.3051	0.4458	0.0676	-0.339	0.2451	-0.294	0.0371	-0.168
PCHAS_093755	1.7205	0.4139	0.2144	-0.132	-0.021	0.2482	0.7628	-0.234	0.0869	-0.341	0.4715	-0.302
PCHAS_072310	0.1776	-0.499	0.4841	-0.082	0.2045	0.042	0.6272	-0.283	-0.112	0.0137	0.1368	0.037
PCHAS_082950	-0.351	-0.62	-0.423	-0.859	-0.21	-0.634	-0.71	0.4294	-0.628	1.81	2.333	1.6606
PCHAS_060370	-1.534	-2.701	-2.472	-2.8	-0.612	0.6063	0.7227	0.1074	0.536	1.2149	0.8924	1.2509
PCHAS_140640	-0.754	0.1678	0.2116	0.2416	0.1365	0.3667	-0.362	0.2011	-0.124	0.6315	0.499	0.6321
PCHAS_123410	-0.066	-1.527	-0.155	-0.027	0.2203	-0.239	-0.09	-0.145	-0.192	-0.567	0.0494	0.1053
PCHAS_144680	0.7123	-0.591	0.0193	-0.192	0.0245	-0.661	0.7048	0.1032	-0.58	-0.843	0.2807	-0.598
PCHAS_050800	1.3977	0.0293	0.7888	0.0554	0.0299	0.074	0.5028	0.3919	-0.054	-0.168	0.2255	0.0296
PCHAS_144280	-0.276	-0.242	0.4634	-0.081	0.027	-0.008	0.4796	0.4946	-0.064	0.2306	0.2782	0.2298
PCHAS_143390	-0.974	-0.772	-0.716	-0.811	-0.137	0.3633	0.6858	0.7	0.3232	0.556	0.2426	0.3954
PCHAS_143870	-0.214	0.3209	0.5611	-0.493	0.2347	-0.158	0.467	-0.804	-0.428	-1.338	-1.533	-0.842
PCHAS_124030	0.2859	0.2082	0.1742	-0.21	-0.227	-0.334	-0.247	-0.578	-0.322	-0.856	-0.709	-1.13
PCHAS_135570	-0.143	0.1208	-0.039	0.1482	0.0597	0.1237	0.169	0.3193	-0.004	0.0845	-0.115	0.2122
PCHAS_111370	0.9497	0.3433	0.1695	-0.004	0.0419	-0.218	0.277	0.4146	-0.16	-0.471	0.1268	-0.052
PCHAS_120200	0.4693	0.075	0.4176	-0.418	-0.09	0.0019	-0.248	-0.305	-0.194	0.7723	1.2478	0.4964
PCHAS_122010	0.3694	0.3921	0.4018	0.1568	-0.069	-0.273	-0.382	-0.269	-0.435	-0.554	0.1248	-0.196
PCHAS_040400	-0.002	0.1515	0.717	0.2613	0.3622	-0.054	0.2038	-0.621	-0.206	-0.094	0.4994	-0.095

PCHAS_111960	-0.808	-1.377	-1.518	-1.335	-0.222	0.0852	0.5915	1.0056	0.1439	1.2656	0.848	1.1323
PCHAS_072490	-1.296	-1.018	-0.83	-0.169	-0.254	0.0411	0.8701	0.6588	-0.091	0.5786	0.4356	0.3906
PCHAS_134870	0.7652	-0.199	-0.034	-0.364	0.0378	0.0389	0.041	-0.02	-0.023	0.186	0.5177	0.2176
PCHAS_090770	0.6531	0.2469	-0.061	-0.062	-0.026	-0.3	0.1143	-0.246	-0.34	-0.39	0.7961	0.0513
PCHAS_090160	0.0984	0.2463	-0.178	-0.018	0.0572	0.5021	-0.526	-0.106	0.4513	-0.18	-0.632	0.0653
PCHAS_113870	-0.082	0.0383	0.6306	0.1083	0.2516	0.4108	0.8947	0.5472	0.0357	-0.211	-0.409	-0.499
PCHAS_052070	0.0716	0.1888	-0.065	0.1258	-0.026	-0.266	0.0467	-0.153	-0.548	-0.741	-0.706	-0.289
PCHAS_113340	-0.316	0.1858	0.4659	0.2996	0.3125	-0.231	0.4651	-0.254	-0.196	-0.959	0.1339	-0.62
PCHAS_114510	-0.769	-0.16	0.0282	0.5607	0.3871	0.0336	-0.689	-0.056	0.1685	-1.041	-1.31	-0.7
PCHAS_051310	0.2691	-0.574	-0.035	-0.425	-0.274	0.2864	-0.065	-0.408	0.1489	1.0726	2.0816	0.5209
PCHAS_146320	-0.855	0.3542	0.3368	-0.133	0.1486	-0.54	1.9993	0.3911	-0.289	0.9055	0.0151	0.1241
PCHAS_112990	-0.907	-0.5	0.0961	0.0208	0.1912	0.2108	0.558	0.6295	0.2528	-0.414	-0.019	-0.418
PCHAS_071290	-0.984	-0.35	0.4299	-0.054	0.0673	0.2216	0.0486	0.1603	-0.343	0.0681	0.3946	-0.09
PCHAS_040200	0.7784	0.4941	0.3586	0.2122	0.0455	-0.325	-0.895	-0.966	-0.372	-1.406	-1.345	-1.233
PCHAS_122950	0.2116	0.2305	0.0576	-0.041	-0.035	-0.504	0.1311	-0.585	-0.285	-0.249	0.184	0.1865
PCHAS_020070	-0.42	-0.029	0.2007	0.066	0.0416	0.0156	0.3449	-0.071	0.0168	-0.352	-0.382	-0.292
PCHAS_145420	1.3227	0.4576	0.6498	0.311	-0.079	0.0518	-3E-04	0.1695	0.3216	-0.002	0.2611	-0.066
PCHAS_011410	0.0376	0.2111	-0.123	0.3406	-0.036	-0.105	-0.11	-0.332	-0.142	-1.271	-0.704	-0.984
PCHAS_146530	-0.909	0.3617	0.3862	0.7227	0.3615	0.0926	-0.481	0.3857	0.0042	-0.623	-1.637	-0.687
PCHAS_071670	-0.182	-0.254	-0.185	-0.76	-0.341	-0.262	0.3229	0.2205	-0.186	-0.017	0.386	-0.04
PCHAS_121130	-0.413	-1.181	-1.462	-1.72	-0.642	0.2701	-0.884	-0.923	0.1787	1.4822	1.6851	1.7119
PCHAS_101250	0.153	0.1814	-0.937	0.5872	-0.789	0.0854	0.6454	-0.101	0.5199	0.5645	-0.184	0.506
PCHAS_092850	-0.177	-0.245	-0.365	0.058	0.16	0.4315	0.1367	0.1324	0.4304	0.331	-0.292	0.2523
PCHAS_090590	0.5809	0.0885	-0.098	-0.296	-0.575	-0.481	-0.01	0.2536	-0.572	-0.543	1.0487	0.0323
PCHAS_140330	-0.096	0.494	0.5161	0.0504	0.0105	0.3303	0.5689	-0.219	-0.271	-0.494	-0.031	-0.535
PCHAS_061630	-0.469	-0.183	-0.248	-0.344	-0.207	-0.233	0.7743	0.4598	-0.187	0.5211	0.5203	0.4442
PCHAS_082900	0.581	0.1146	0.2852	-0.221	-0.234	-0.452	0.5627	0.4747	-0.251	-0.036	-0.012	0.0545
PCHAS_061260	0.1074	0.3437	0.2772	0.8508	0.2081	-0.133	-0.086	-0.545	-0.104	-1.642	-0.897	-0.968
PCHAS_102450	0.0661	0.2395	0.066	0.1921	-0.284	-0.104	-0.331	-0.397	-0.232	-0.824	-0.875	-1.041
PCHAS_073070	-0.239	0.3972	0.1905	0.4776	0.2355	0.1312	-0.066	-0.391	-8E-04	-1.592	-1.565	-1.173
PCHAS_091890	-0.163	0.0661	-0.793	0.4862	0.3331	0.3474	0.1244	-0.462	0.3443	-0.266	-0.547	-0.163
PCHAS_132150	0.761	0.2684	0.1481	-0.192	-0.127	-0.477	0.3198	0.2196	-0.375	-0.029	0.9502	0.0674
PCHAS_121350	-0.538	-0.113	-0.048	-0.155	0.1028	0.1342	0.4321	0.6872	0.1081	-0.055	0.2047	-0.201
PCHAS_145380	-0.079	-1.223	-0.676	-1.249	-0.336	-0.153	0.9502	0.3876	-0.095	1.2292	1.2562	1.3768
PCHAS_061520	0.3636	0.2752	0.4244	0.1556	0.1184	-0.358	0.2831	-0.423	-0.304	-1.194	-0.724	-0.69
PCHAS_121470	-0.275	0.1581	0.1693	0.4678	-0.006	-0.037	-0.624	-0.672	-0.132	-1.389	-0.586	-1.065
PCHAS_091950	0.1798	0.4918	0.2408	0.2163	0.0653	-0.306	-0.628	-0.576	-0.206	-1.178	-0.741	-0.917
PCHAS_010880	1.0605	0.4784	0.3929	0.0575	0.123	-0.339	-0.597	-0.463	-0.322	-0.661	-0.194	-0.275
PCHAS_130690	-0.166	-0.315	-0.175	-0.279	-0.1	-0.262	0.2039	0.0639	-0.243	-0.127	-0.169	-0.036
PCHAS_020210	-0.022	-1.623	-1.165	-0.821	-0.357	-0.645	0.0865	0.8435	-0.532	1.343	1.9963	0.8535
PCHAS_141040	-1.207	-0.557	-0.236	-0.375	0.1689	0.09	0.544	0.4707	0.0453	0.5448	0.3753	0.1612
PCHAS_082840	0.4207	0.1648	0.2435	0.2967	-0.044	-0.259	0.4836	0.0569	-0.245	0.5176	0.2848	0.5621
PCHAS_112920	0.7621	0.5824	0.5007	0.0716	0.0719	-0.301	-0.215	-0.277	-0.392	-1.041	-0.243	-0.484
PCHAS_111810	-1.233	-0.533	-0.781	-0.031	0.1713	0.2398	0.779	0.3245	0.1703	-0.106	-0.172	-0.162
PCHAS_112810	-0.194	0.0897	0.2397	0.2697	0.3155	0.2027	0.4739	0.525	0.1218	-0.134	-0.497	-0.267
PCHAS_093160	0.1672	0.3848	0.5375	0.707	0.0914	-0.077	-0.331	-0.782	-0.002	-1.289	-0.908	-0.857
PCHAS_133900	0.6899	0.4749	-0.161	-0.011	-0.082	-0.704	-0.092	-0.899	-0.853	-0.896	-0.144	-0.63
PCHAS_070850	-0.038	0.2892	0.8225	0.1215	0.3508	-0.406	0.0652	-0.158	-0.375	-1.258	-0.799	-0.889
PCHAS_020470	-0.845	-1.562	-1.521	-1.553	-0.31	0.4125	0.245	0.6642	0.2182	1.3943	1.0659	1.244
PCHAS_102920	-0.22	0.0144	-0.05	0.302	0.0862	-0.077	-0.11	0.2023	-0.05	-0.215	-0.09	-0.307

PCHAS_101220	0.5572	0.2736	0.0786	-0.476	-0.362	-0.248	-0.566	-0.659	-0.33	-0.338	-0.465	-0.853
PCHAS_040320	-1.387	-1.091	-1.121	0.1149	0.1329	0.5831	0.7319	0.4573	0.5313	-0.557	-0.498	-0.401
PCHAS_140150	1.1438	0.3539	-0.139	-0.434	-0.733	-0.44	-0.676	-0.846	-0.542	0.1237	1.0165	0.3538
PCHAS_010310	0.9565	0.3655	0.0569	0.3254	0.225	0.0008	0.532	0.2002	0.0673	-0.362	-0.488	-0.043
PCHAS_091140	-0.188	-0.073	-0.047	-0.093	-0.106	-0.557	-0.248	-0.038	-0.43	0.2689	0.0019	0.5164
PCHAS_133630	-0.041	-0.482	-0.514	-0.307	-0.16	0.1353	-0.183	-0.477	0.009	0.9008	1.472	1.2241
PCHAS_031440	-0.108	-0.012	0.0811	0.0657	0.1668	-0.01	0.1903	0.5966	0.3497	0.8304	0.4978	1.1853
PCHAS_093500	-0.278	0.1331	0.4684	0.0156	0.382	-0.067	0.0532	-0.563	-0.301	-0.255	-1.029	-0.923
PCHAS_061570	-0.022	-0.016	0.2594	-0.283	0.0404	0.0378	0.3685	0.0591	-0.048	-0.117	-0.142	-0.082
PCHAS_141370	0.0914	0.2624	0.5369	0.6266	0.2547	-0.155	-0.031	-0.142	-0.064	-1.559	-1.533	-0.633
PCHAS_050930	0.5501	0.3338	0.3519	0.2567	-0.187	-0.292	-0.495	-0.322	-0.343	-0.689	-0.333	-0.65
PCHAS_121420	0.1496	0.2028	0.2713	0.0406	-0.23	0.1386	0.4208	-0.096	-0.005	-0.279	-0.173	-0.119
PCHAS_110650	-0.258	-0.897	-1.016	-1.14	-0.598	1.1983	1.1324	0.2208	0.1886	2.3022	1.7885	1.9354
PCHAS_132580	0.8508	-0.012	0.5322	-0.077	0.0821	0.101	-0.077	-0.259	-0.398	-1.298	-1.135	-0.997
PCHAS_120100	1.0199	0.9642	0.4045	-0.022	0.1255	0.888	0.218	-0.225	-0.416	-0.852	0.1126	0.0162
PCHAS_122570	-0.452	0.0411	0.3702	0.0151	0.0349	0.1499	0.9619	0.4546	0.0414	1.0344	0.3397	0.8187
PCHAS_090970	-0.222	-0.209	0.2101	-0.066	-0.098	-0.063	-0.025	0.1653	-0.144	-0.266	-0.09	-0.003
PCHAS_061800	-0.037	0.2738	0.5251	0.1679	0.2661	-0.329	0.1436	0.082	-0.233	-0.884	-0.064	-0.503
PCHAS_142780	0.4182	1.1469	0.4655	0.4148	-0.032	-0.124	-0.118	-0.579	0.0757	-0.579	-0.312	-0.259
PCHAS_092150	-0.241	-0.347	0.3599	0.0751	-0.008	0.0201	0.021	-0.115	0.0405	-0.516	-0.114	-0.146
PCHAS_145040	0.1806	-0.003	0.2028	0.4831	0.236	-0.2	0.3998	0.3145	0.0375	-0.204	-0.002	-0.201
PCHAS_093410	-0.128	-0.033	0.0477	-0.184	0.0844	0.0934	0.3421	-0.065	0.2514	-0.577	-0.104	-0.475
PCHAS_061330	-0.726	-0.836	-0.988	-0.911	-0.102	0.4584	-0.191	0.3455	0.3729	0.8263	0.3854	0.7309
PCHAS_082540	-0.511	0.2859	0.2079	0.5891	0.1064	-0.348	-0.376	-0.479	-0.254	-0.993	-0.488	-0.345
PCHAS_112960	0.1281	0.1785	0.1955	0.099	-0.079	-0.131	0.5597	0.2969	-0.186	-0.616	0.0814	-0.547
PCHAS_071680	-0.085	0.1636	0.3768	0.1721	0.3203	-0.096	0.6505	-0.344	-0.022	-0.955	-0.287	-0.747
PCHAS_061610	0.2122	0.1346	0.421	0.1511	-0.307	-0.244	-0.204	-0.267	-0.292	-0.422	-0.456	-0.489
PCHAS_132680	-0.332	-1.553	-0.842	-1.25	-0.34	-0.834	-0.534	-0.756	-0.171	1.9791	2.1225	1.7313
PCHAS_040750	0.0085	-0.481	-0.843	-1.192	-0.632	-0.293	-0.908	-0.801	-0.604	1.5827	2.6138	1.6629
PCHAS_020410	0.1556	-0.328	-0.019	0.0422	-0.614	-0.163	1.028	0.6206	-0.168	0.1966	0.2109	-0.181
PCHAS_144730	-0.261	0.0582	-0.096	-0.036	0.3016	-0.19	0.4237	0.6886	-0.017	-0.357	0.4029	-0.453
PCHAS_123100	-0.045	0.3556	0.3646	0.3613	0.2693	0.1271	-0.244	-0.347	0.0583	-0.974	-0.737	-0.601
PCHAS_146030	0.2727	0.3988	0.4021	0.2917	0.2999	-0.116	-0.021	-0.65	-0.103	-1.347	-0.947	-0.84
PCHAS_010910	-0.628	0.5138	0.1987	0.3654	0.4527	-0.083	0.2057	0.0305	0.062	-0.771	-0.26	-0.434
PCHAS_081710	-0.135	0.0306	0.3366	-0.255	0.1789	-0.058	0.3739	0.5009	-0.25	0.5631	0.7715	0.8247
PCHAS_010930	0.6579	0.4274	-0.017	0.2649	0.1144	-0.042	-0.607	0.0111	-0.214	-0.263	-1.064	-0.781
PCHAS_143480	1.0606	0.0033	0.1703	0.1699	-0.039	-0.891	-0.288	-0.812	-0.702	-1.319	-0.622	-1.278
PCHAS_060920	-0.997	-0.841	-0.363	-0.545	-0.098	0.2491	0.7504	0.5016	0.2711	0.4031	-0.428	0.3239
PCHAS_135160	0.3429	-0.324	-1.2	-0.646	-0.707	-0.195	-0.05	-0.258	-0.106	0.1643	1.3194	0.7653
PCHAS_101400	-0.437	-0.356	-0.439	-0.215	0.0301	0.1415	0.034	0.069	0.3087	0.184	-0.09	0.2709
PCHAS_131220	0.6986	0.7808	0.5772	-0.018	-0.205	-0.477	0.356	-0.464	-0.488	-1.984	-1.698	-1.168
PCHAS_132670	0.5718	-0.472	-0.15	-0.667	-0.105	-0.088	0.4311	0.5785	-0.297	0.8028	1.0408	0.246
PCHAS_010240	0.5328	0.3654	-0.282	0.2707	0.183	-0.044	0.5751	0.2088	-0.197	-0.256	-0.713	-0.39
PCHAS_062000	-0.364	0.0852	0.1926	0.502	0.1697	0.1796	0.3171	0.1807	0.346	-0.29	0.1295	-0.467
PCHAS_092840	0.1439	0.6864	1.0374	0.7108	0.1082	0.4957	-1.04	-0.002	0.2012	-0.323	-0.554	-0.667
PCHAS_131880	-0.207	-0.576	-0.6	-0.302	-0.109	0.2223	0.0774	0.0568	0.2283	0.327	0.0167	0.4172
PCHAS_093730	0.7135	0.2226	-0.041	-0.17	-0.049	-0.239	-0.062	0.1438	-0.468	-0.15	0.3622	0.0598
PCHAS_103360	-0.054	0.6346	0.3358	0.3547	0.1571	0.8424	0.0097	-0.254	0.2017	-1.831	-1.104	-0.807
PCHAS_092910	-0.582	-1.018	-0.783	-0.679	-0.339	0.0906	1.2036	1.4757	0.1089	1.3387	1.0468	0.997
PCHAS_082420	0.4476	0.1854	0.4168	0.0534	0.0644	0.0308	0.6078	-0.058	0.0579	-0.729	0.1552	-0.514

PCHAS_114730	-0.496	0.205	0.0023	0.1817	0.1867	0.3603	0.4644	0.462	0.2133	0.5898	0.6212	0.4325
PCHAS_112280	-0.242	0.3345	0.4793	0.3212	0.0812	-0.067	0.4292	0.391	0.0519	-0.144	-1.014	-0.122
PCHAS_093170	-1.063	-0.31	-0.226	-0.155	0.1474	0.2286	0.6228	0.8057	0.3717	0.078	0.0812	-0.146
PCHAS_031630	-0.815	-1.22	-1.747	-1.466	-0.436	0.2794	0.1253	0.3366	0.2805	1.2176	0.8018	1.6818
PCHAS_060450	-0.427	-0.023	-0.041	0.2839	0.1291	0.1066	0.2485	0.0235	0.121	-0.855	-0.705	-0.897
PCHAS_130530	-0.65	-0.288	-0.309	0.2452	0.2473	0.188	0.6677	0.2711	0.1393	-0.448	-0.195	-0.417
PCHAS_110960	-1.257	-0.534	0.0452	-0.222	-0.108	0.901	-0.082	0.3224	-0.009	0.7873	0.3648	0.1698
PCHAS_010260	-0.382	0.2715	-0.119	0.1088	0.0785	0.4228	0.279	0.372	0.4359	-0.723	-0.31	-0.397
PCHAS_110910	-0.433	0.622	-0.127	0.3507	0.1047	0.4311	-0.118	-0.06	0.3071	0.0058	-1.078	-0.293
PCHAS_100810	-0.407	0.1435	-0.207	0.2096	0.128	0.1614	0.0455	0.0641	0.1765	-0.225	-0.733	-0.227
PCHAS_111130	-0.702	0.2149	0.2481	-0.038	0.1417	-0.193	1.2126	-0.032	-0.35	-0.447	-0.069	-0.586
PCHAS_103240	0.3446	0.4788	0.4986	0.3076	0.2064	-0.063	-0.505	-0.569	-0.104	-0.397	-0.57	-0.463
PCHAS_061820	0.5357	0.2944	0.5895	0.0374	0.265	0.0217	0.0991	0.0827	-0.01	-0.234	0.1498	-0.279
PCHAS_031300	-0.178	-0.01	0.5438	0.1768	0.3759	-0.098	0.2266	-0.06	0.0251	-1.076	-0.562	-0.653
PCHAS_060740	0.0437	-0.342	-0.264	-0.383	0.0775	0.7336	-0.285	0.199	0.5876	0.9193	-0.208	0.6095
PCHAS_071240	-0.132	-0.595	-0.352	-0.203	-0.213	-0.594	-0.043	-0.041	-0.259	0.1257	1.861	-0.151
PCHAS_052010	0.1547	0.0684	0.3645	0.1166	0.0069	-0.02	-0.806	-0.498	0.0554	-0.882	-1.197	-1.087
PCHAS_050880	0.0748	-0.218	-0.883	0.496	-0.284	0.6777	-0.137	0.4548	-0.036	0.4444	0.5644	0.3929
PCHAS_123430	-0.596	-0.228	0.3886	-0.29	-0.088	-0.288	0.7773	-0.448	-0.406	-0.17	-0.503	-0.092
PCHAS_123620	-1.415	-0.209	-0.792	0.0563	0.2165	0.1095	0.1001	0.0174	0.0016	-0.426	-0.696	-0.417
PCHAS_050610	0.3608	-0.571	-0.663	-0.773	0.1056	0.3024	-0.518	0.2222	0.5436	1.3659	0.6887	1.2444
PCHAS_010090	-0.379	-0.4	-0.551	-0.409	-0.229	-0.235	-0.127	-0.091	-0.2	0.2229	0.9518	0.6212
PCHAS_030450	0.2155	0.2096	0.1464	-0.077	0.0238	-0.43	0.2895	0.1434	-0.257	-0.256	0.1903	-0.306
PCHAS_000690	1.478	0.4653	-0.025	-0.702	-0.725	-0.581	-0.967	-0.237	-0.577	0.8381	2.2508	1.0889
PCHAS_103850	-0.952	-0.523	0.0247	-0.241	0.0474	-0.624	0.2671	0.4624	-0.195	-0.121	0.0587	-0.194
PCHAS_112590	0.3285	0.1448	-0.141	0.1549	0.0123	-0.476	0.2313	-0.636	-0.377	-1.049	-0.678	-0.932
PCHAS_021080	-0.958	-0.145	0.2308	0.2649	0.2336	0.0308	0.2476	0.057	0.0529	-0.648	-0.85	-0.519
PCHAS_142090	0.2452	0.3838	0.4275	0.0371	0.0101	-0.451	-0.214	-0.023	-0.362	-0.512	0.1136	-0.327
PCHAS_082740	0.2658	-0.206	0.0763	0.1945	0.1927	0.3174	0.0633	0.2615	0.1349	0.1289	-0.791	0.0351
PCHAS_082690	-0.091	0.2827	0.0993	-0.14	-0.259	0.0379	-0.376	-0.529	-0.008	0.1814	0.2445	0.2825
PCHAS_051630	-0.651	-1.047	-0.381	-0.534	-0.083	-0.236	0.933	0.6735	-0.416	0.0776	0.9936	0.1696
PCHAS_103790	-0.021	0.6875	0.3913	0.3042	0.3314	-0.156	0.1294	-0.405	-0.255	-1.436	-2.055	-0.934
PCHAS_110170	0.3713	0.5796	0.3203	0.1406	-0.257	-0.224	-0.264	-0.141	-0.22	-0.902	-0.147	-0.414
PCHAS_011450	0.1434	0.3752	0.1855	0.5594	0.1343	0.2489	-0.809	0.0258	0.2039	-0.486	-0.752	-0.678
PCHAS_142810	-0.035	0.1919	0.4034	0.5379	0.3271	0.5375	-0.093	-0.297	0.1331	-0.822	-0.621	-0.729
PCHAS_120980	0.0015	-0.264	0.0109	-0.462	0.0264	-0.054	0.7943	0.6843	0.063	-0.144	0.6415	-0.253
PCHAS_060930	-0.53	0.0846	0.3638	0.226	0.2233	0.1103	0.5977	-0.048	-0.138	-0.454	-0.393	-0.627
PCHAS_010800	-0.462	1.2392	0.9288	0.2747	-0.121	-0.637	-0.471	-0.648	-0.871	-1.302	-0.991	-2.02
PCHAS_112640	0.4213	0.2765	0.3185	0.2805	0.1673	-0.019	-0.572	-0.226	-0.007	-0.497	-0.892	-0.427
PCHAS_111510	-0.227	0.0813	0.4309	0.0368	#####	-0.544	-0.028	-0.357	-0.506	-0.564	0.2769	-0.149
PCHAS_122830	0.6374	0.4071	0.0239	-0.274	-0.274	-0.281	-0.762	-0.472	-0.384	-0.043	0.2375	-0.122
PCHAS_140480	-0.054	0.0779	0.4656	0.3122	0.0792	0.0366	0.5818	0.0998	0.0924	-0.994	-0.528	-0.232
PCHAS_144510	-0.087	0.482	0.2234	0.4051	0.0139	-0.477	-0.148	-0.3	-0.244	-0.339	0.4667	-0.226
PCHAS_011350	-0.239	-0.826	-1.153	-1.733	-0.46	0.3396	0.2672	0.8989	0.3418	1.2216	1.4332	0.7633
PCHAS_145320	0.6725	0.4434	0.1405	-0.397	-0.569	-0.483	-1.126	-0.53	-0.7	0.3463	0.6652	0.1507
PCHAS_146660	0.7888	0.3589	0.5577	0.3755	-0.337	0.1158	-0.858	0.0727	0.0772	0.133	0.0124	-0.033
PCHAS_146180	-0.196	-1.243	-1.858	-2.182	-1.129	-0.468	-1.107	-0.704	-0.56	1.4803	2.1377	1.9641
PCHAS_146450	-0.386	-0.068	-0.118	0.5192	0.5091	0.0593	0.7312	-0.334	0.3265	-0.962	-0.562	-0.644
PCHAS_082000	0.3251	0.6014	0.4105	0.1414	-0.068	-0.168	-0.341	-0.344	-0.344	-0.471	0.2171	-0.185
PCHAS_072830	-1.467	-1.11	-1.646	-1.054	-0.274	0.3505	1.1312	1.1879	0.4591	0.5109	0.3515	0.3413

PCHAS_092530	0.9477	0.6374	0.2719	0.2564	-0.021	-0.41	-1.192	-0.938	-0.506	-1.226	-0.316	-0.987
PCHAS_132750	-0.375	0.1799	0.3435	0.2855	0.0668	0.2482	0.2123	-0.185	0.2544	-0.19	-0.107	-0.125
PCHAS_122640	0.0862	-0.004	-0.427	-0.44	-0.272	-0.022	0.3205	0.3201	-0.134	0.372	0.1812	0.1098
PCHAS_050410	-0.014	0.5222	-0.034	0.9493	0.2283	-0.177	-0.711	-1.187	-0.212	-1.329	-0.941	-0.686
PCHAS_142660	0.0471	0.315	0.4777	-0.152	-0.009	-0.243	-0.111	0.0066	-0.494	-0.237	0.3257	-0.349
PCHAS_102850	-0.04	-0.73	0.0394	-0.342	-0.13	0.1824	0.3848	0.1776	0.0089	0.6387	0.9602	0.4355
PCHAS_101340	-0.305	0.3639	0.3845	0.4296	0.1483	0.3777	0.3024	0.0732	0.2877	-0.526	-0.61	-0.049
PCHAS_110950	1.0138	0.641	0.1627	0.2591	0.2114	1.1173	0.5393	0.3395	0.4286	-0.139	0.2799	-0.053
PCHAS_040300	-0.65	-0.485	-0.264	0.0184	0.2938	-0.046	0.4333	-0.036	0.2426	-0.356	0.0598	-0.319
PCHAS_110690	-0.232	-0.167	0.0327	-0.08	0.0977	0.0308	0.5194	0.1429	0.1159	-0.071	-0.137	-0.203
PCHAS_124070	-0.473	-0.147	-0.102	0.4244	0.1251	0.2695	-0.116	0.3383	0.1957	-0.059	0.009	-0.356
PCHAS_082550	-0.541	-0.112	0.6121	-0.124	-0.022	-0.247	-0.431	-0.481	-0.609	0.031	0.4211	-0.221
PCHAS_091910	1.1025	0.5502	0.6948	0.3163	0.2281	-0.542	-0.679	-0.776	-0.528	-1.612	-1.067	-1.131
PCHAS_102940	-0.196	0.0138	-0.112	-0.081	-0.201	-0.355	-0.454	0.3665	-0.48	0.0767	0.1474	0.0204
PCHAS_093630	0.4367	0.2014	0.3371	0.146	-0.245	-0.249	-0.23	0.1613	-0.29	-0.39	-0.924	-0.6
PCHAS_090560	-0.102	-0.074	0.4951	-0.114	-0.467	0.2446	0.4429	0.0413	-0.267	-1.038	-0.385	-1.081
PCHAS_081620	0.1954	0.5829	-0.395	-0.057	0.0983	-0.115	0.09	-0.155	0.0024	-0.442	-0.773	-0.033
PCHAS_136230	-0.117	-0.606	-0.448	-1.075	-0.421	-0.145	0.5469	0.124	-0.157	0.993	0.8496	0.4188
PCHAS_051690	-0.166	0.0081	0.2071	0.1117	0.33	0.0183	0.2974	0.094	-0.022	-0.758	0.1898	-0.62
PCHAS_040870	0.0021	0.4425	0.317	0.5695	0.1229	-0.02	-0.206	-0.395	-0.132	-1.156	-0.89	-0.785
PCHAS_110890	-0.12	0.4313	0.1442	0.299	0.0016	-0.29	-0.176	-0.3	-0.303	-0.371	-0.263	-0.296
PCHAS_133720	0.3448	0.7758	0.6127	0.5804	0.0983	-0.038	-0.22	-0.724	-0.21	-1.404	-1.17	-0.879
PCHAS_070710	0.5534	0.1173	0.0116	0.1494	-0.044	0.145	-0.006	0.0376	-0.07	0.4166	0.8779	0.6304
PCHAS_081460	0.1642	0.3982	0.4603	0.1609	0.0196	-0.379	-0.241	-0.461	-0.505	-1.033	-0.117	-0.554
PCHAS_081740	-0.079	0.2215	0.4135	-0.009	-0.058	-0.058	0.4975	0.0398	-0.048	0.639	1.8813	0.5429
PCHAS_060060	0.4418	0.5006	0.3883	0.3765	0.1208	-0.298	0.0507	-0.762	-0.301	-2.081	-1.199	-1.327
PCHAS_101130	0.0882	-1.418	-1.227	-1.32	-0.669	-0.128	-0.294	-0.434	-0.176	2.0248	2.2578	2.0197
PCHAS_120640	0.2634	0.5276	0.4788	0.2039	0.1271	0.1582	-0.129	0.1955	-0.187	-0.088	0.6332	0.0317
PCHAS_133380	0.1106	0.0683	0.3177	0.055	0.0389	-0.009	-0.033	-0.084	-0.024	-0.184	0.7819	-0.225
PCHAS_136970	-0.352	-0.508	0.0615	-0.194	-0.154	-0.111	-0.255	0.4512	-0.083	0.1098	0.8661	-0.239
PCHAS_083610	0.3589	0.0685	0.4915	-0.474	0.1134	-0.603	0.3582	0.3677	-0.456	-0.145	0.4385	-0.18
PCHAS_113770	-0.185	0.255	0.0236	0.0937	0.0759	0.0982	0.4412	-0.175	0.0111	-0.544	-0.434	-0.45
PCHAS_020220	0.1777	0.446	0.4076	0.2233	0.1875	0.1043	-0.334	-0.557	-0.033	-1.117	-0.913	-0.715
PCHAS_144410	-0.348	-0.379	0.1398	0.3837	0.2267	-0.086	0.1533	0.4054	-0.197	0.1211	-2.018	0.1173
PCHAS_141080	-0.863	0.1665	0.0722	0.3584	0.1272	0.3305	0.1168	-0.041	0.3777	-0.387	-0.417	-0.533
PCHAS_092610	-1.403	-1.027	-0.512	-0.031	-0.044	0.472	1.8094	1.3197	0.5617	1.0154	-1.466	0.3443
PCHAS_041740	-0.625	-0.196	-0.159	0.6698	0.3406	0.3389	-0.042	0.2783	0.4463	-0.36	-0.878	-0.454
PCHAS_000870	0.0437	0.1179	0.2769	0.213	-0.011	-0.131	0.2383	-0.027	-0.301	0.037	0.4227	0.1152
PCHAS_112940	0.5738	0.6554	0.1785	0.1445	0.0513	0.0214	-0.278	-0.07	0.0048	-0.453	-0.539	-0.316
PCHAS_110250	-0.342	-0.011	0.2686	0.1422	0.1141	-0.301	0.7179	-0.211	-0.45	-0.526	-0.588	-0.247
PCHAS_103370	1.2551	0.2195	0.2798	-0.605	-0.124	-0.393	0.2117	-0.476	-0.794	0.1259	0.7474	0.3635
PCHAS_142990	0.7243	0.3482	0.5182	-0.081	-0.237	-0.565	-0.003	-0.167	-0.615	-0.647	-0.405	-0.523
PCHAS_122420	-0.657	0.2491	0.4012	0.0614	0.3212	-0.384	0.3222	0.2886	-0.107	-0.429	-0.028	-0.52
PCHAS_134780	-0.081	-0.478	-0.625	-0.268	0.2283	0.5587	0.0665	0.6716	0.6249	1.0773	-0.101	0.7938
PCHAS_083470	-0.163	-0.375	-0.039	-0.311	0.0288	0.1362	0.4459	0.7292	0.1594	0.4699	0.3098	0.2105
PCHAS_133920	0.2289	-0.615	-0.1	-0.268	-0.093	0.1712	0.9298	-0.123	0.0498	0.4248	0.8339	0.5596
PCHAS_135860	-0.262	0.4243	0.6726	0.0245	0.1223	-0.095	-0.007	-0.29	-0.207	-0.648	0.0788	-0.464
PCHAS_145470	-0.261	0.1144	0.3835	0.2262	0.0841	-0.164	0.0558	-0.057	-0.104	-0.426	-0.062	-0.442
PCHAS_061310	0.2422	0.4015	-0.611	0.2711	-0.337	0.3474	0.5434	-0.128	-0.044	-0.138	-0.226	-0.286
PCHAS_011420	1.1921	0.6614	-0.004	-0.946	-0.836	-0.921	-1.541	-0.938	-1.017	0.0254	1.1511	-0.063

PCHAS_112860	-0.719	-1.617	-0.653	-0.51	-0.027	0.4124	0.2232	0.8378	0.4265	0.797	-0.164	0.3403
PCHAS_081150	0.3681	0.3419	-0.238	0.2728	-0.207	-0.156	-0.103	-0.172	-0.301	-0.499	-0.872	-0.327
PCHAS_133690	-0.072	0.2051	0.3769	-0.415	-0.371	-0.443	0.3833	-0.089	-0.492	-0.306	0.387	-0.05
PCHAS_123460	0.0632	-0.105	-0.321	-0.346	-0.028	-0.123	0.391	0.5077	-0.049	0.8969	0.6595	0.4843
PCHAS_113590	-0.268	0.1705	-0.07	0.0456	-0.054	-0.117	0.374	0.3885	-0.093	-0.554	0.1277	-0.485
PCHAS_010100	0.3485	0.6188	0.2687	0.405	-0.37	-0.149	-0.35	-0.029	-0.264	-0.249	-0.237	-0.262
PCHAS_113210	-0.184	-0.259	0.1126	-0.624	-0.148	-0.473	0.7828	0.4569	-0.218	0.3847	0.7033	0.1178
PCHAS_081130	-0.159	-0.149	0.1774	-0.174	-0.008	-0.226	0.3584	0.6017	-0.155	-0.008	0.6031	-0.07
PCHAS_110760	-0.563	-0.495	0.686	-0.261	0.2577	-0.456	0.5595	0.5184	-0.25	-0.101	-0.257	-0.278
PCHAS_061320	0.8107	0.2902	0.1404	0.0797	-0.103	0.0112	0.1312	0.0469	0.1523	-0.333	0.609	-0.392
PCHAS_110370	-0.325	-0.487	0.1525	-0.183	0.2989	-0.433	-0.48	-0.075	-0.048	-0.301	-0.833	-0.962
PCHAS_091880	-0.425	0.0351	-0.498	-1.07	-0.138	0.0551	0.0342	0.2405	0.1252	1.484	1.2604	0.9506
PCHAS_140300	0.3697	0.0547	-0.117	-0.007	-0.21	-0.308	-0.106	-0.244	-0.232	-0.2	-0.22	-0.008
PCHAS_070430	0.8653	0.3163	0.4861	-0.227	0.0637	-0.373	0.7962	-0.533	-0.559	-0.893	0.0282	-0.581
PCHAS_121810	0.7363	-0.331	-0.191	-0.412	-0.06	0.7554	-0.326	-0.259	0.6109	1.2352	0.0763	1.3906
PCHAS_136630	-0.412	0.8161	0.9739	0.053	-0.021	-0.224	-0.818	0.1624	0.2239	0.1071	0.3113	-0.391
PCHAS_123200	0.5104	0.496	0.4884	0.1742	0.0796	-0.236	0.0966	-0.505	-0.341	-0.477	-0.964	-0.695
PCHAS_092710	-1.14	-0.491	-0.351	0.1838	0.13	-0.297	-0.12	0.2448	0.2764	-0.556	-0.757	-0.635
PCHAS_114310	0.0706	0.3043	0.2262	0.2136	0.1018	0.1476	-0.348	-0.005	0.1179	-0.245	-0.354	-0.257
PCHAS_131180	0.0986	0.1584	0.2775	0.264	-0.011	-0.205	0.0511	-0.195	-0.174	-0.649	-0.413	-0.92
PCHAS_134820	0.2778	0.3904	0.0639	0.0684	0.0444	-0.238	0.6302	-0.239	-0.216	-0.311	0.0029	-0.406
PCHAS_135460	-0.625	-0.56	-0.153	-0.083	0.0932	0.0247	0.8872	0.5544	0.1366	-0.265	0.4632	-0.601
PCHAS_070690	0.4951	0.1366	-0.018	-0.11	-0.158	-0.013	-0.03	-0.117	-0.035	-0.086	1.3845	0.3175
PCHAS_134860	0.5789	0.5592	0.6722	0.355	0.1337	-0.456	-0.404	-0.269	-0.462	-0.968	-1.352	-0.552
PCHAS_080350	-0.256	0.0459	-0.079	0.0711	0.1167	0.1284	-0.261	0.2782	0.1747	0.2831	-0.322	0.0433
PCHAS_050160	-0.639	0.0025	0.2797	0.4698	0.2757	0.2817	0.3771	-0.059	0.3048	-0.529	-0.075	-0.5
PCHAS_080400	-0.287	-0.016	0.1913	0.1548	0.0542	0.4313	-0.019	0.0924	0.3246	0.909	-0.2	0.4147
PCHAS_092100	0.1042	0.1049	0.5299	0.3969	0.4572	-0.193	-0.324	-0.02	-0.05	-0.391	-0.069	-0.053
PCHAS_103050	0.9793	0.2677	0.4331	-0.249	-0.135	-0.673	-0.221	-0.634	-0.619	-0.711	0.476	-0.49
PCHAS_111570	-0.676	-1.107	-0.853	-0.196	0.2404	0.3628	1.2056	0.8189	0.3731	0.3202	0.0604	0.1034
PCHAS_144750	0.5432	0.5328	0.7267	0.1314	0.0912	0.5208	-0.217	-0.075	-0.201	-0.369	0.275	-0.294
PCHAS_103510	0.7102	0.446	0.4436	-0.033	-0.031	0.0846	-0.213	-0.371	-0.129	-0.861	-0.289	-0.801
PCHAS_050890	-0.492	0.5071	0.4877	0.3685	0.1498	-0.031	0.0743	0.0742	-0.08	-0.896	-0.146	-0.529
PCHAS_113900	-0.278	0.2138	0.2957	0.5789	0.2399	-0.336	0.5502	0.1486	-0.356	-0.547	-1.073	-0.563
PCHAS_082710	-0.459	0.3076	0.4422	0.1904	0.1565	-0.14	0.2339	-0.115	0.0523	-0.876	-1.354	-0.21
PCHAS_080600	0.0326	0.3782	0.193	0.6503	0.2509	0.0706	-0.335	-0.79	0.2089	-1.522	-1.251	-0.89
PCHAS_070620	0.3265	0.1511	0.5847	-0.052	-0.016	-0.28	0.3879	0.0961	-0.108	-0.241	0.0329	-0.349
PCHAS_093430	0.8745	0.7566	0.5261	0.3874	-0.006	-0.203	-0.743	-0.797	-0.296	-1.723	-0.694	-0.943
PCHAS_072680	-0.921	-0.445	-0.429	-0.467	-0.328	0.0607	0.1683	0.8414	0.0037	0.8049	0.6708	0.6363
PCHAS_072170	-0.929	0.0527	0.0166	-0.317	0.0806	0.2206	-0.168	0.2672	0.2581	0.0826	-0.273	0.1002
PCHAS_052310	0.3731	0.5813	0.0972	0.5127	0.039	0.2727	0.3454	0.2687	0.2967	-0.204	-0.098	0.0338
PCHAS_110970	-0.01	1.1692	0.3412	0.1897	-0.105	0.1928	1.0474	-0.173	-0.106	-0.926	-0.747	-0.947
PCHAS_031290	0.3081	0.1897	0.1963	0.0698	0.0016	-0.184	-0.351	-0.335	-0.236	-0.965	-0.717	-0.837
PCHAS_101960	0.01	0.0591	-0.1	-0.025	0.1779	0.718	0.1932	0.8243	0.0345	0.4899	0.5203	0.772
PCHAS_136090	-0.202	-0.523	-0.415	-0.641	-0.037	0.6833	0.0515	0.3348	0.2749	0.6372	0.0153	0.2322
PCHAS_070570	-1.019	-0.779	-0.951	-0.023	-0.003	-0.006	0.3061	0.927	0.4185	0.1283	0.2091	-0.073
PCHAS_051330	0.2974	0.765	0.7355	0.268	0.1181	-0.372	-0.723	-0.923	-0.515	-1.205	-1.052	-0.71
PCHAS_020660	-0.773	-0.082	0.1273	-0.317	-0.049	0.0258	0.984	0.7787	0.0955	0.2481	0.5396	0.0014
PCHAS_080500	0.4767	0.4112	0.4867	0.2125	0.0455	-0.509	-0.206	-0.639	-0.441	-1.034	-0.865	-0.798
PCHAS_050960	-0.013	0.2269	-0.573	0.5666	-0.312	-0.025	0.1246	0.2861	-0.047	-0.033	0.1486	0.1785

PCHAS_102550	0.1729	0.2371	0.5444	-0.112	0.1494	-0.053	1.2326	0.1764	0.0727	-0.374	-0.079	-0.52
PCHAS_113350	0.5533	0.5501	0.2127	0.3423	-0.175	-0.385	-0.812	-1.253	-0.34	-1.891	-0.966	-1.08
PCHAS_104040	-1.032	-0.66	-0.244	0.0297	0.1444	0.3006	0.6716	0.4056	0.2781	-0.141	-0.472	-0.294
PCHAS_145050	0.2277	0.2773	0.3985	0.2973	0.3273	-0.213	-0.31	-0.645	-0.074	-1.127	-1.381	-0.876
PCHAS_113750	-0.959	-0.789	-0.663	-0.666	-0.292	0.072	0.5606	0.8384	0.1686	0.9623	0.8994	0.4759
PCHAS_041000	0.4199	0.3513	0.9809	0.6676	0.3173	-0.145	-1	-0.633	-0.184	-1.491	-0.894	-0.938
PCHAS_030560	0.3001	0.8565	0.4254	0.2099	0.0401	-0.034	-0.347	-0.077	-0.052	-0.229	-1.114	-0.459
PCHAS_100450	0.4473	-0.025	-0.117	-0.256	-0.072	0.5983	0.0845	0.0635	0.2592	0.6858	0.5001	0.5832
PCHAS_000520	-0.801	-1.369	-1.054	-1.4	-0.395	0.2135	0.9007	0.9632	0.1658	1.3152	1.1981	1.0532
PCHAS_132210	-0.241	-0.598	0.1439	0.0726	0.0925	-0.112	0.5418	0.5026	0.1488	-0.306	0.4444	-0.071
PCHAS_090650	0.0512	0.0279	-0.133	-0.276	-0.088	-0.09	0.0647	-0.225	-0.049	0.2275	0.6996	0.5993
PCHAS_061130	0.1882	-0.191	0.044	-0.297	0.3498	-0.619	-0.069	0.169	-0.512	-0.343	-0.83	0.1741
PCHAS_121290	0.52	-0.707	-0.358	-1.294	0.0005	0.37	0.064	-0.857	-0.348	1.4495	1.2281	0.8776
PCHAS_143890	0.0371	0.3177	0.4109	0.4322	0.2062	-0.289	0.1045	-0.526	-0.38	-0.527	-0.528	-0.561
PCHAS_072510	-0.367	-0.683	-0.347	-0.164	0.2802	0.8582	0.2511	0.6562	0.8689	0.2739	-0.649	0.0076
PCHAS_080210	-0.172	-0.157	-0.098	-0.358	-0.095	-0.101	-0.276	-0.229	-0.202	0.4985	0.0113	0.0112
PCHAS_060870	-0.884	-0.489	-0.101	0.1967	0.2288	0.5328	-0.35	0.5837	0.5067	-0.187	-1.018	-0.555
PCHAS_091980	-0.617	-0.393	0.4518	0.1497	0.4672	0.256	0.9295	0.2145	0.0807	-0.579	-0.038	-0.861
PCHAS_080390	-0.186	-0.032	0.2259	0.3551	0.243	0.1679	0.106	-0.037	0.1845	-0.626	-0.925	-0.223
PCHAS_101660	-0.55	-0.327	-1.06	0.3801	-0.459	0.6695	-0.087	0.092	0.2982	0.6437	0.3103	0.443
PCHAS_082930	-0.19	0.3883	0.886	0.3727	0.1561	0.124	0.928	-0.012	-0.1	-1.032	-0.474	-0.445
PCHAS_122860	0.7093	0.365	-0.779	0.4509	-0.012	0.1649	0.478	-0.856	0.0959	-0.444	-0.05	-0.042
PCHAS_120700	0.328	0.2466	-5E-04	-0.005	0.1783	0.0625	-0.588	-0.329	-0.002	0.0729	-0.526	0.2859
PCHAS_144690	0.0648	0.2783	0.409	0.0728	-0.193	-0.315	-0.055	0.1293	-0.235	-0.79	-1.582	-0.561
PCHAS_082360	-0.12	0.486	0.0903	0.5376	0.3205	0.435	0.316	-0.12	0.3945	-1.714	-0.321	-0.763
PCHAS_141770	-0.519	-0.283	0.1879	0.1591	0.2445	0.1216	0.5178	0.4596	-0.04	-0.353	0.1382	-0.111
PCHAS_052050	0.6422	0.2586	0.6618	0.2289	0.1044	0.7026	0.1887	-0.306	0.1731	-0.297	-0.058	-0.268
PCHAS_133290	0.2892	0.2763	0.0725	0.3283	0.0315	-0.128	-0.199	-0.161	-0.056	-0.667	-0.287	-0.542
PCHAS_071930	-0.777	-0.743	-1.087	-0.786	-0.36	0.0378	0.4179	-0.152	0.1021	0.7753	1.6968	0.4381
PCHAS_142610	0.8118	0.4829	-0.17	0.683	0.1334	0.1295	-0.272	-0.504	0.0091	-1.21	-0.517	-0.507
PCHAS_021280	-0.762	-0.587	-0.699	-0.172	0.2772	0.5028	0.4829	0.5082	0.5925	0.3835	-0.032	0.373
PCHAS_040620	0.2748	0.0345	0.0275	0.3363	0.0541	-0.244	-0.008	0.3228	-0.25	-0.295	0.111	-0.314
PCHAS_120730	-1.02	-0.604	-0.225	0.0949	0.2756	0.5292	1.1533	0.2878	0.5606	0.2611	-0.417	0.148
PCHAS_100430	0.5317	0.5441	0.2675	0.2348	0.1061	-0.083	-0.139	-0.338	-0.017	-1.21	-0.989	-0.657
PCHAS_124340	-0.579	-0.771	-1.347	-0.333	-0.366	0.2997	0.536	-0.594	0.2102	1.2133	1.22	1.0336
PCHAS_101080	-0.269	-0.152	0.3084	0.0035	0.4236	-0.442	1.8158	-0.157	-0.134	-0.535	-0.329	-0.294
PCHAS_141430	-0.245	-0.184	0.2523	-0.463	0.3891	-0.56	-0.355	-0.496	-0.608	-1.231	-1.019	-0.977
PCHAS_050480	0.3518	0.4908	0.8066	0.8231	0.2266	0.7842	-0.525	-0.575	0.2885	-1.45	-0.053	-0.501
PCHAS_141520	-0.903	-0.017	-0.981	0.6296	-0.57	0.5238	0.578	-0.213	0.6691	-0.352	0.2923	0.1584
PCHAS_123330	-0.428	-1.532	-0.974	-1.023	-0.305	-0.243	-0.203	-0.051	-0.24	1.5725	1.2819	0.7323
PCHAS_145480	0.3165	0.4591	0.5405	0.9591	0.0572	-0.209	-0.483	-1.223	-0.426	-1.675	-1.436	-1.064
PCHAS_131790	-0.387	0.6199	0.106	0.1017	0.1869	-0.352	-0.102	-0.459	-0.269	-1.635	-0.209	-0.639
PCHAS_062150	-0.031	1.0488	0.4221	0.4301	-0.029	-0.193	-0.493	-0.77	-0.496	-0.821	-0.921	-0.505
PCHAS_111240	-0.017	-0.374	-0.493	-0.403	-0.306	0.0405	-0.478	-0.398	-0.05	0.7816	1.3104	0.6638
PCHAS_134490	0.6105	0.515	0.5056	-0.222	-0.231	-0.589	-0.179	-0.839	-0.497	-1.11	-0.207	-0.822
PCHAS_135730	0.1959	0.3518	0.4589	-0.691	-0.412	-0.689	0.1179	-0.424	-0.643	-0.129	-0.062	0.2533
PCHAS_103680	0.2892	0.4633	0.3323	0.2415	-0.006	0.1843	-0.607	-0.458	0.055	-0.629	-0.637	-0.255
PCHAS_082570	0.0046	-0.524	-0.854	-0.385	-0.062	0.135	-0.39	0.1889	0.0454	1.1395	1.5283	1.0037
PCHAS_132040	0.1463	0.1676	0.144	0.1326	0.0085	-0.06	0.0445	0.1179	-0.112	-0.258	-0.561	-0.242
PCHAS_141280	-0.368	0.3185	0.4587	0.6823	0.2869	-0.076	-0.103	-0.403	-0.03	-0.702	-0.273	-0.751

PCHAS_132760	0.2745	-0.912	-0.913	-1.346	-0.771	-0.524	-0.751	-0.733	-0.502	1.5184	2.2398	1.5571
PCHAS_145230	-0.365	-0.104	0.35	0.3321	0.1611	-0.368	0.5825	-0.495	-0.585	-1.384	-1.423	-0.969
PCHAS_030860	-0.196	-0.05	0.538	0.1972	0.1209	0.3407	0.1161	0.2666	0.3947	-0.218	0.0199	0.0324
PCHAS_090880	0.2145	-0.236	-0.195	-0.306	0.0046	0.4231	-0.631	0.2588	0.3986	0.8033	0.0694	0.6552
PCHAS_123120	-0.157	0.3014	0.2939	0.3046	-0.101	-0.065	-0.267	-0.164	-0.023	-0.55	-0.971	-0.405
PCHAS_142220	-0.25	-0.116	0.366	-0.411	-0.039	0.1231	0.1767	0.3779	-0.12	0.2476	0.3517	-0.236
PCHAS_041520	-0.331	-0.901	-0.598	-0.887	-0.224	0.5042	0.1889	0.722	0.4257	1.3057	0.987	1.1375
PCHAS_061830	-1.062	-0.84	-0.906	-0.372	0.2946	0.2361	0.7633	1.2294	0.2605	0.7938	0.7858	0.6343
PCHAS_146350	-0.012	0.128	0.1737	-0.041	-0.076	0.0395	0.5582	0.2377	0.1084	-0.263	0.5509	-0.43
PCHAS_081270	-0.366	0.1675	0.4663	0.2292	0.1633	0.0737	-0.221	-0.104	0.1325	-0.315	-1.026	-0.154
PCHAS_143820	0.1008	-0.657	-0.338	-0.5	0.0542	0.502	-0.101	0.2461	0.2768	1.0286	0.4861	0.5328
PCHAS_143670	0.2955	-0.061	-0.198	-0.193	-0.117	0.148	-0.46	-0.04	0.0842	0.6755	0.0608	0.6324
PCHAS_123780	-0.342	-1.368	-1.857	-1.26	-0.84	0.051	-0.673	-0.602	0.0709	1.937	1.6741	1.6927
PCHAS_001020	0.772	0.4744	0.1528	0.3173	-0.263	-0.218	-0.602	-0.013	-0.255	0.2332	1.5286	0.1251
PCHAS_061380	-0.339	0.1536	0.3499	0.338	0.0476	-0.323	0.1955	-0.046	-0.208	-0.717	-1.045	-0.558
PCHAS_051450	0.5319	-0.238	0.3723	0.4988	0.1496	0.0337	0.4375	-0.586	0.1399	-1.299	-1.711	-1.18
PCHAS_144090	-0.665	0.3657	0.2793	0.5176	0.336	0.2406	-0.457	0.1399	0.0024	-0.416	-0.777	-0.417
PCHAS_144160	-0.517	0.0294	0.4461	0.3963	0.2362	0.7166	0.0528	0.5148	0.7092	0.3544	-0.159	0.1401
PCHAS_134130	0.4601	0.5036	0.3012	0.2423	0.2943	0.2309	0.452	0.1347	0.135	-0.946	-0.75	0.1267
PCHAS_093100	-0.198	-0.82	-1.324	-1.885	-0.945	-0.226	-0.928	-1.206	-0.256	1.4163	1.922	1.7603
PCHAS_112570	-0.712	0.1946	0.6241	0.1305	0.3522	0.0535	0.2192	-0.189	0.1833	-1.17	-0.426	-1.146
PCHAS_144320	-0.366	0.0447	0.1423	-0.081	-0.054	-0.193	0.3441	0.4018	-0.293	0.1784	0.0147	-1E-04
PCHAS_102570	-0.9	-1.438	-1.541	-0.87	-0.078	0.6084	0.839	0.9061	0.7147	0.8662	0.1652	0.5088
PCHAS_102950	-1.035	-0.618	-0.551	-0.684	0.0196	0.2509	0.0124	0.4569	0.0455	0.8395	0.6186	0.3978
PCHAS_020980	0.0953	0.0922	0.2126	0.1593	0.0937	0.506	-0.075	0.0586	0.2789	0.2061	0.4401	0.3226
PCHAS_124270	0.5659	0.5545	0.1531	0.2459	-0.052	-0.238	-0.096	-0.514	-0.335	-0.833	-0.093	-0.587
PCHAS_071200	0.7517	-0.337	-0.158	-0.378	0.0209	0.7154	-0.42	0.092	0.4042	1.5718	0.622	1.003
PCHAS_135970	0.0071	0.318	0.0138	0.1983	0.001	-0.161	-0.452	-0.477	-0.018	-1.527	-1.227	-0.773
PCHAS_135810	0.4378	-0.034	0.055	-0.381	-0.124	-0.289	0.6933	-0.059	-0.499	-0.827	0.2771	-0.388
PCHAS_135640	-1.259	-0.514	-0.009	-0.066	0.1966	0.2298	0.6431	0.5193	0.3735	-0.132	-0.15	-0.277
PCHAS_091090	-0.213	0.0866	0.1209	0.1535	-0.013	-0.122	-0.057	-0.042	-0.214	-0.541	-0.092	-0.698
PCHAS_031750	0.454	0.2337	0.2079	0.1194	-0.069	-0.137	-0.374	-0.139	-0.098	-0.437	-0.426	-0.303
PCHAS_141610	0.1367	0.4137	0.4168	0.026	0.1247	0.2864	0.7174	-0.108	-0.454	-0.075	-0.377	-0.39
PCHAS_135310	0.2693	0.237	0.1636	0.3132	0.193	0.2819	0.1875	-0.015	0.3103	-0.542	-0.174	-0.359
PCHAS_060240	0.3409	0.4649	0.4007	0.0543	0.0856	-0.161	-0.306	-0.498	-0.425	-0.757	-0.237	-0.44
PCHAS_144470	0.9987	0.6925	1.0035	0.2782	0.0349	0.2529	-1.208	-0.174	-0.196	-0.773	0.1749	-0.427
PCHAS_010120	-0.141	0.2644	-0.141	-0.096	0.0095	-0.201	-0.004	0.2383	-0.215	-0.301	0.1013	-0.145
PCHAS_040810	1.2718	0.3576	0.2623	0.3267	0.0853	-0.367	0.2024	0.2771	-0.248	-0.45	-0.556	-0.22
PCHAS_102350	0.6786	-0.244	0.3631	0.0151	0.1997	-0.466	-0.047	0.6823	-0.313	0.0411	0.0674	0.066
PCHAS_142160	0.1125	-0.12	-0.174	-0.227	-0.076	-0.169	-0.053	-0.002	-0.028	0.5281	0.229	0.415
PCHAS_146550	-1.128	0.1914	0.2744	-0.013	0.0272	-0.287	-0.065	-0.062	-0.019	0.1294	-0.619	-0.473
PCHAS_121150	0.0684	1.0505	0.6369	1.2782	0.1234	-0.815	-0.994	-1.215	-0.364	-0.915	-0.823	-1.748
PCHAS_042020	0.0667	0.4478	0.1734	-0.121	-0.258	-0.432	-0.702	-0.502	-0.705	-0.832	-0.132	-0.484
PCHAS_081860	0.2822	-0.884	-0.446	-1.043	-1.001	-0.128	0.1727	0.0408	-0.158	1.9069	2.4371	1.4007
PCHAS_113300	-0.357	0.2425	0.0894	0.3616	0.0331	0.5114	-0.224	-0.653	0.158	-1.159	-0.74	-0.547
PCHAS_101840	-0.307	0.4137	0.0529	0.5593	0.3914	0.1183	-1.122	-0.464	0.0391	-1.187	-1.528	-0.763
PCHAS_081420	-0.723	-0.321	0.2492	-0.002	0.0469	0.1798	0.3387	0.329	0.1821	-0.433	-0.471	-0.259
PCHAS_072280	0.1948	0.3497	0.8628	0.7281	0.2327	0.2356	0.1685	-0.588	-0.193	-0.154	0.0095	-0.093
PCHAS_070960	0.1754	-0.389	-0.301	-0.316	-0.226	0.264	0.3646	-0.087	0.15	0.1779	0.3133	0.0971
PCHAS_031120	-0.216	0.3219	0.2647	0.1633	0.2758	0.3982	0.3533	0.0606	0.017	-0.66	0.27	0.0158

PCHAS_051240	-0.224	-0.567	-0.342	-0.554	-0.275	-0.192	0.1788	0.6373	-0.096	0.7691	0.9588	0.7598
PCHAS_100910	-0.98	-0.527	-0.751	-0.275	0.2609	0.2102	0.7105	0.3625	0.4078	-0.221	-0.649	-0.172
PCHAS_090470	0.3044	0.6272	0.2647	1.3877	0.2158	-0.053	-1.773	-1.003	-0.132	-1.697	-2.194	-1.36
PCHAS_092900	0.5966	0.6575	0.4203	-0.133	-0.159	-0.644	-0.768	0.1136	-0.244	0.7109	0.2264	0.4686
PCHAS_072570	-0.491	-1.094	-0.689	-0.845	-0.312	0.0742	0.3328	0.3749	-0.113	1.2579	1.2389	1.2144
PCHAS_113710	0.4189	0.4498	0.5474	0.3272	0.1786	-0.039	0.1542	0.7248	-0.142	0.2756	0.7985	0.3628
PCHAS_114380	-0.222	-0.679	0.7587	-0.553	-0.361	-0.05	0.9266	0.277	-0.206	0.4503	0.712	-0.195
PCHAS_146540	0.5378	0.1307	-0.297	-0.148	-0.12	-0.289	-0.345	-0.281	-0.381	0.2743	0.3276	0.3112
PCHAS_134180	0.2462	-0.252	-0.09	-0.234	-0.301	-0.291	0.0476	-0.119	-0.257	0.3509	0.2818	0.2469
PCHAS_113020	-0.81	-0.604	-0.1	0.3892	-0.119	0.2666	0.2838	0.0504	0.2599	-0.139	-0.056	-0.274
PCHAS_083410	0.4918	0.5245	0.6565	0.352	0.1402	0.7094	-0.109	-0.203	0.3268	-0.4	-0.524	-0.398
PCHAS_143290	-0.595	0.0713	0.3242	0.3797	0.4006	-0.019	0.5365	0.1398	0.0016	-0.73	0.0994	-0.603
PCHAS_114280	1.0239	0.2169	0.0327	0.1485	-0.206	-0.621	-0.744	-0.893	-0.763	-1.675	-0.565	-0.892
PCHAS_010750	-0.189	-0.343	-1.048	-0.424	-0.893	-0.765	-0.254	0.0773	-0.681	-0.445	0.4261	-0.092
PCHAS_145700	0.0944	0.4209	0.6219	0.2421	0.1049	-0.212	-0.28	-0.161	-0.012	-0.749	-0.238	-0.746
PCHAS_124060	0.1832	0.11	0.3134	-0.079	-0.102	-0.213	0.4176	0.2579	-0.391	-0.078	-0.865	-0.118
PCHAS_136080	-0.166	-1.298	-1.453	-1.427	-0.253	0.3785	0.274	-0.046	0.3431	0.3793	0.6402	0.4692
PCHAS_145030	0.3327	-0.09	-0.845	0.8505	0.361	-0.079	-0.685	-0.413	-0.041	-0.696	-0.631	-0.705
PCHAS_131840	-0.163	-0.049	0.2103	-0.004	0.0115	0.1483	0.8273	0.4187	0.2408	-0.065	-0.092	-0.311
PCHAS_136380	0.934	0.5158	-0.061	-0.18	-0.118	-0.474	-0.298	-0.826	-0.41	-1.045	-0.526	-0.54
PCHAS_112080	-0.468	0.0948	0.2771	0.4071	0.3368	0.1375	0.9951	0.1369	-0.016	-0.8	-0.169	-0.533
PCHAS_080440	0.318	0.3199	0.1707	0.6168	0.3056	-0.178	-0.722	-0.484	-0.07	-1.981	-1.521	-1.564
PCHAS_122120	0.2906	-0.094	0.7424	0.0947	0.2356	0.2189	0.2454	0.2607	0.148	-0.091	-0.364	-0.012
PCHAS_040730	0.1239	0.0119	-0.226	-0.175	-0.087	0.3077	0.3239	-0.287	0.1788	0.5442	0.2802	0.2808
PCHAS_141800	0.5992	0.3508	0.4923	-0.054	-0.143	-0.3	-0.047	-0.075	-0.356	-0.314	0.435	-0.404
PCHAS_072920	0.4146	0.4656	0.1125	0.2678	-0.152	-0.667	-0.553	-0.772	-0.506	-0.433	-0.285	-0.228
PCHAS_122440	-0.102	0.328	0.0516	0.3343	-0.012	-0.008	0.2069	-0.494	-0.201	-0.525	-0.669	-0.316
PCHAS_122990	0.1472	-0.121	0.0108	1.3575	0	-0.317	-0.123	-0.282	-0.255	-0.627	-0.53	-0.561
PCHAS_111200	-0.17	0.3337	0.375	0.3351	-0.038	-0.094	-0.273	-0.15	-0.322	-0.569	-0.112	-0.219
PCHAS_011170	0.4855	-0.104	0.1689	-0.833	-0.413	-0.562	-0.044	0.0117	-0.674	0.1999	0.8271	0.1642
PCHAS_133100	0.4072	-0.265	-0.346	-0.436	-0.203	-0.051	-0.648	-0.549	-0.044	0.9903	1.7255	0.9092
PCHAS_010820	0.3111	0.3769	0.1531	0.2146	-0.006	0.1129	-0.328	-0.126	-0.09	-0.033	-0.224	-0.005
PCHAS_131770	0.1875	0.0633	0.2139	0.2679	0.3902	-0.038	-0.136	-0.31	-0.074	-0.442	-0.993	-0.257
PCHAS_020340	1.0711	0.2202	0.4617	-1.185	-0.534	-0.737	-1.148	-0.842	-0.841	-0.105	1.4639	0.1844
PCHAS_143070	0.2195	0.1033	-1.014	0.6168	0.1177	0.354	0.2214	0.2004	0.3081	-0.213	0.3349	-0.117
PCHAS_041810	-0.609	-0.115	0.4411	-0.094	0.311	0.5264	0.3582	0.3543	-0.019	0.5546	0.4662	0.8264
PCHAS_050590	-0.214	0.2964	-0.013	-0.01	0.052	-0.131	0.0304	0.3388	0.0149	0.101	0.5996	0.0146
PCHAS_072330	-0.672	0.188	0.0982	0.5199	-0.044	-0.03	-0.878	-0.456	0.0027	-1.623	-2.082	-1.162
PCHAS_091300	-0.584	-0.117	-0.038	0.0214	-0.125	0.4615	-0.029	0.2595	0.0256	-0.035	-0.388	-0.225
PCHAS_123820	0.1649	0.5825	0.2105	0.1489	-0.246	-0.091	-0.249	-1.032	-0.441	-0.929	-0.607	-0.27
PCHAS_050090	-1.661	-1.768	-1.601	-0.908	-0.551	0.3311	0.6542	1.4435	0.3166	0.9767	0.7071	0.293
PCHAS_010330	0.2267	-0.554	-0.424	-0.531	-0.113	0.3227	-0.141	0.2612	0.4998	1.3024	1.0664	1.0774
PCHAS_081170	1.0356	0.6521	0.1167	0.2977	-0.164	0.0843	-0.396	-0.227	0.0298	-0.249	-0.258	0.0472
PCHAS_114480	0.1782	0.2736	0.3922	0.256	0.1144	-0.15	0.2092	0.242	-0.003	-0.397	-0.946	-0.23
PCHAS_101240	-0.221	-0.985	0.1957	-1.013	0.0068	-0.049	1.3168	0.4668	-0.111	0.8327	1.1896	0.5269
PCHAS_135360	-1.008	-1.677	-3.103	-1.686	-0.502	0.2363	0.1427	0.3522	0.1555	0.3773	0.8799	-0.254
PCHAS_131260	0.3552	-0.222	-0.186	-0.13	-0.124	-0.211	0.0419	0.2687	-0.272	0.6329	0.4485	0.4769
PCHAS_041170	-0.323	0.3656	0.013	0.3902	0.1208	0.1781	-0.304	-0.195	0.208	-0.727	-0.709	-0.555
PCHAS_090420	-0.566	0.1626	0.2712	0.4891	0.4422	-0.195	-0.508	-0.896	-0.117	-1.242	-2.036	-1.131
PCHAS_103820	-0.231	0.5071	-0.319	-0.21	-0.271	-0.159	-0.068	-0.288	-0.113	0.301	2.6424	0.0204

PCHAS_092860	-0.338	-0.409	0.5924	-0.174	0.1388	-0.329	0.5403	0.0232	-0.222	-0.427	-0.012	-0.155
PCHAS_031170	-0.277	-0.129	0.372	0.1647	0.2187	0.2951	1.226	0.4647	0.4099	-0.193	0.2355	-0.374
PCHAS_142140	0.482	0.3967	0.1489	0.0146	-0.017	-0.305	-0.072	0.0557	-0.342	-0.39	-0.331	-0.352
PCHAS_134970	-0.297	-0.025	0.3042	0.1596	0.2561	0.2505	0.6158	0.3066	0.2194	0.0927	-0.211	-0.09
PCHAS_010830	-0.68	0.1767	-0.222	-0.091	0.0893	-0.109	-0.487	-0.198	-0.204	-0.434	0.3017	-0.659
PCHAS_143770	0.4958	0.0131	1.0269	0.2701	0.1069	0.1746	0.3563	-0.44	-0.113	-0.778	-0.297	-0.585
PCHAS_146440	0.2961	0.5919	0.5238	-0.216	0.1492	-0.301	-0.837	-0.84	-0.367	-0.136	-0.582	-0.172
PCHAS_136510	0.1728	-0.034	-0.015	-0.122	-0.056	-0.474	-0.434	-0.352	-0.52	0.0367	-0.065	0.3688
PCHAS_061010	-0.055	0.0349	-0.148	0.0509	-0.102	-0.08	0.3385	0.3514	-0.129	0.5178	0.2958	0.56
PCHAS_111920	0.2948	0.1978	0.2731	0.0348	0.0239	-0.272	0.2936	0.0703	-0.368	-0.647	-0.552	-0.421
PCHAS_130380	0.4004	0.1967	-0.52	0.3015	0.0329	0.3563	0.2015	-0.197	0.5911	0.2588	0.115	0.1818
PCHAS_092740	-0.377	0.2368	0.3023	-0.073	-0.087	0.509	-0.167	0.2788	0.1688	0.3864	0.1189	0.0527
PCHAS_050540	-0.222	0.3378	0.3739	0.0269	-0.064	-0.27	0.0045	0.2181	-0.165	0.4975	-0.02	0.2435
PCHAS_050190	0.092	0.0047	-0.089	-0.589	-0.368	-0.504	-0.084	-0.087	-0.412	0.8583	1.6223	0.4383
PCHAS_090360	0.2873	0.7066	-0.209	0.0412	-0.668	-0.115	0.0047	0.0066	-0.305	0.542	0.4647	0.6728
PCHAS_100980	0.8206	-0.037	-0.044	0.0788	0.2203	-0.379	0.7855	0.0522	-0.46	-1.044	-0.301	-0.543
PCHAS_020140	-1.209	-0.854	-0.538	-0.808	-0.083	0.0528	1.1696	0.9827	0.2983	0.204	-0.023	-0.387
PCHAS_080270	-0.44	-0.257	-0.118	0.4244	-0.094	0.1851	-0.228	0.0892	0.1403	-0.032	-0.57	-0.166
PCHAS_134220	0.0508	0.0294	0.2164	-0.229	0.0413	0.0847	-0.194	0.172	0.2504	0.7207	0.2018	0.1486
PCHAS_134810	0.286	-0.737	-0.471	-1.167	-0.067	0.6439	-0.214	-0.164	0.3688	1.6872	1.8665	1.2489
PCHAS_146310	0.6783	0.5618	0.7672	0.2878	0.099	-0.181	-1.003	-0.247	-0.073	-0.464	1.9876	0.0405
PCHAS_062410	0.1166	-0.683	-0.343	-0.42	-0.161	-0.16	-0.321	-0.11	-0.081	0.0971	1.7997	0.756
PCHAS_031730	-0.743	-0.093	0.238	0.3267	0.2638	-0.062	-0.366	-0.503	0.3349	-0.149	-0.93	-0.487
PCHAS_135370	-0.536	-2.228	-1.443	-1.697	-1.167	-0.176	-0.721	-0.71	-0.326	-0.032	1.7439	0.0246
PCHAS_103650	-0.116	-0.388	0.0592	0.2198	0.1598	0.4998	0.1726	-0.241	0.5018	0.3818	1.8902	0.612
PCHAS_122270	0.0285	-0.075	0.1703	0.1189	-0.19	-0.139	0.1872	0.3947	-0.18	-0.192	-0.842	-0.029
PCHAS_144060	0.2864	-0.023	-0.93	0.6568	-0.299	0.1377	0.649	0.4193	0.4188	-0.332	-0.237	0.1697
PCHAS_072800	-0.112	0.1236	0.5904	0.3637	0.3155	0.1688	-0.29	0.0446	0.0999	-0.966	-1.047	-0.756
PCHAS_000910	-1.556	-1.68	-1.881	-0.932	-0.165	1.2106	0.3037	0.6116	1.0631	0.3426	-0.86	0.2995
PCHAS_144220	0.7062	0.2726	0.9905	-0.05	0.1502	0.2684	0.03	-0.336	-0.039	-1.521	-0.176	-0.391
PCHAS_091660	0.264	-0.241	-0.01	0.0152	0.1936	0.176	0.412	0.9076	0.3197	0.6668	0.0456	0.1978
PCHAS_134840	0.2993	-0.184	0.3499	-0.054	0.0859	-0.34	0.4891	-0.13	-0.231	-0.485	0.2899	-0.429
PCHAS_124440	1.0433	0.0854	0.455	0.3015	0.0215	0.0531	0.1151	-0.156	0.1055	-0.31	-0.045	-0.291
PCHAS_141020	-0.517	0.2715	0.353	0.4723	0.1413	-0.473	-0.479	-0.363	-0.112	-1.096	-0.175	-1.012
PCHAS_052230	-0.432	0.5601	0.1422	0.2861	0.2529	0.3474	-0.376	-0.088	0.3547	0.0581	-1.253	0.1384
PCHAS_141780	-0.297	-0.009	0.3055	-0.027	0.0935	-0.006	0.0496	0.1943	0.0267	-0.164	0.1567	-0.27
PCHAS_061040	0.5817	0.0396	0.267	-0.024	0.1076	-0.306	0.81	0.0001	-0.143	-0.286	0.0023	-0.211
PCHAS_101950	0.3648	-0.722	-0.528	-0.454	-0.395	-0.386	-0.135	-0.421	-0.419	0.0808	1.5645	0.081
PCHAS_142030	-0.687	1.1256	0.0498	0.1537	-0.146	-0.17	0.2911	-0.059	-0.546	-0.625	-0.741	-0.72
PCHAS_103150	0.7161	-0.146	0.9686	0.5328	0.2133	0.0772	-0.581	-0.007	-0.163	-0.585	-0.233	-0.088
PCHAS_136350	-0.592	-0.136	0.5699	0.2988	0.1831	0.2029	1.2955	-0.276	0.2207	-0.31	-0.445	-0.165
PCHAS_070440	0.4556	0.4228	0.1597	0.4058	0.1379	0.0675	-0.076	-0.363	-0.195	-0.907	-0.886	-0.111
PCHAS_136440	0.0813	-1.28	-1.409	-0.379	-0.131	0.3792	0.5664	0.2617	-0.229	0.3797	1.8214	0.4014
PCHAS_142680	0.4264	0.5524	-0.285	0.2902	0.083	0.045	-0.159	0.0265	-0.051	-0.191	-1.201	0.1603
PCHAS_111610	-0.747	-0.226	-0.206	-0.062	-0.24	-0.132	-0.22	0.3698	-0.25	-0.137	-0.082	-0.335
PCHAS_062300	0.7252	0.2395	-0.062	0.7617	0.0267	0.5757	0.4891	0.6262	0.6768	0.3768	-1.664	0.5385
PCHAS_090780	-0.287	-0.88	-0.072	-1.202	-0.117	-0.071	0.8727	0.7764	0.1465	0.4719	1.173	-0.059
PCHAS_111970	0.4793	0.6685	0.4875	0.1662	-0.036	-0.621	-0.827	-1.285	-0.699	-1.3	-0.191	-0.769
PCHAS_011230	-0.797	-0.114	0.0188	-0.112	0.1425	0.1175	0.0687	0.6086	0.1433	0.0668	0.1554	-0.119
PCHAS_141570	-0.121	0.0102	0.0757	0.0928	0.1471	0.0492	0.5421	0.1293	-0.018	-0.486	-0.065	-0.312

PCHAS_020290	0.0547	0.2761	0.5066	0.1653	0.2451	0.3705	0.8485	0.0141	0.1718	-0.458	0.3079	0.1617
PCHAS_102520	-0.319	0.0513	0.2197	0.117	0.056	0.1357	0.2954	0.1356	-0.069	0.1192	0.3076	-0.143
PCHAS_113990	1.0064	0.3256	0.0659	0.0967	0.1638	-0.118	0.9529	0.4432	-0.07	-0.673	0.5233	-0.093
PCHAS_011310	-0.108	0.1537	-0.235	-0.185	-0.45	-0.227	-0.127	-0.479	-0.372	0.0084	0.6334	-0.221
PCHAS_091380	-0.436	0.4456	0.309	0.011	-0.048	-0.494	-0.321	-0.798	-0.482	-0.669	0.151	-0.573
PCHAS_122000	-0.304	0.0474	0.2294	0.3175	0.1904	0.1417	-0.064	-0.317	0.2001	-0.887	-1.334	-0.643
PCHAS_112290	-0.881	-0.413	0.2603	-0.15	0.0313	0.1848	1.6896	0.9169	0.1217	0.7164	1.0927	0.1092
PCHAS_123580	-0.258	-1.171	-0.398	-0.539	0.0565	0.2541	1.37	0.9821	0.1586	0.7441	0.9073	0.3485
PCHAS_102600	0.4617	0.1438	-0.117	0.0049	-0.233	-0.557	-0.171	-0.485	-0.701	-0.788	-0.01	-0.572
PCHAS_062080	0.3676	0.2962	0.3116	-0.109	0.22	-0.406	0.1871	0.1279	0.0067	-0.251	0.0741	-0.312
PCHAS_121540	-0.527	0.0029	0.3866	-0.153	-0.134	-0.405	0.4489	0.19	-0.144	-0.608	0.1426	-0.629
PCHAS_061500	-0.441	0.0328	-0.24	-0.777	0.0696	0.1328	-0.013	1.2999	0.226	0.8207	0.8183	0.3521
PCHAS_114550	-0.345	-0.339	-1.222	-0.115	0.2037	0.4858	0.4077	0.0619	0.1306	-0.294	-0.238	-0.215
PCHAS_061860	0.0133	0.0462	0.1159	-0.085	-0.026	0.2205	0.1434	0.0611	-0.238	0.1054	-0.04	0.298
PCHAS_081890	1.0267	0.0823	0.117	-0.37	-0.031	-0.13	0.4725	0.1067	-0.307	-0.35	0.6349	-0.312
PCHAS_020550	0.0948	-0.36	-0.343	-0.207	-0.182	0.1619	-0.107	0.4276	0.0501	0.9261	1.2418	0.7631
PCHAS_051400	-0.588	-1.618	-1.627	-1.347	-0.29	0.3198	-0.754	0.4106	0.2034	1.1254	0.3806	0.8561
PCHAS_124550	0.3514	0.5146	0.2069	0.4477	0.3124	-0.556	0.2714	-0.702	-0.51	-1.6	-1.824	-0.979
PCHAS_040450	-0.293	-0.392	-0.25	0.0415	0.3299	0.2828	-0.101	0.0924	0.2416	0.1518	-0.549	0.0933
PCHAS_062070	-0.542	-0.57	-0.073	-0.349	-0.078	0.1048	0.3491	0.0932	0.0016	0.5102	1.2683	0.2108
PCHAS_020680	-0.155	-0.931	-1.495	0.3802	0.0502	0.1494	0.0973	0.026	0.415	0.0832	-0.317	0.2451
PCHAS_141060	-0.874	-0.255	0.1807	0.1119	0.3087	0.3484	0.8225	0.4101	-0.06	-0.628	-0.357	-0.501
PCHAS_135560	0.3272	0.378	0.399	0.3492	0.1939	-0.097	-0.241	-0.268	-0.053	-1.176	-1.474	-0.637
PCHAS_052110	0.0641	-0.218	-0.242	-0.598	-0.341	0.1898	-0.141	0.144	-0.374	0.2439	0.3701	0.1428
PCHAS_144550	-1.6	-2.553	-2.125	-3.22	-0.419	1.0057	-0.497	0.1379	0.7455	1.2278	0.1883	1.2179
PCHAS_040210	-0.109	-0.235	0.5797	0.544	0.2121	0.5226	0.5549	-0.139	0.4367	-0.877	-0.687	-0.585
PCHAS_070820	0.0876	0.5201	0.7686	0.6221	0.2936	0.4318	0.4316	-0.149	0.262	-0.829	-0.916	-0.232
PCHAS_113850	1.1275	-0.227	0.9725	0.0846	0.1775	-0.708	0.4513	0.2286	-0.232	-1.412	0.3366	-0.135
PCHAS_011050	0.3229	-0.49	-0.673	-0.759	-0.054	-0.303	-0.33	0.2159	0.2673	1.2952	0.9719	1.4647
PCHAS_110450	0.3377	0.2266	0.2681	-0.023	-0.012	-0.42	0.5165	0.0544	-0.358	-0.16	0.115	0.0132
PCHAS_142850	0.3014	0.5746	0.6105	0.1973	0.0796	-0.353	-0.243	-0.773	-0.45	-1.329	-1.18	-0.691
PCHAS_121180	0.0252	0.3024	0.1928	0.0868	-0.155	-0.245	-0.793	-0.355	-0.406	-0.699	-0.978	-0.713
PCHAS_030760	0.4818	0.1778	0.2426	0.0989	-0.046	-0.056	0.1091	0.1361	-0.083	0.0602	-0.193	-0.043
PCHAS_124570	0.5568	0.4243	0.325	-0.118	-0.108	0.209	-0.419	-0.332	0.2486	0.8119	0.7768	0.4924
PCHAS_111490	-0.771	-2.037	-2.513	-2.536	-0.662	0.3041	-0.844	-0.239	-9E-04	1.9606	1.7319	1.6866
PCHAS_103160	0.8692	-0.275	0.1398	-0.248	0.1249	-0.076	-0.077	0.0228	0.3243	0.1425	0.0784	0.3847
PCHAS_146200	-0.163	0.4203	0.2839	0.1911	0.09	0.0802	-0.143	0.0299	-0.097	0.3219	-0.713	-0.203
PCHAS_031550	1.0498	0.2917	-0.535	0.1156	-0.023	0.3189	-0.214	-0.56	0.1452	-0.009	0.2118	0.2445
PCHAS_122750	-0.351	0.005	0.1139	-0.147	-0.013	-0.408	0.498	-0.085	-0.212	0.4214	0.7025	0.2881
PCHAS_091060	-9E-04	0.2034	0.189	0.5139	0.0654	0.0503	-0.573	-0.347	-0.062	-0.801	-1.356	-0.392
PCHAS_141150	0.4483	0.6687	-0.245	0.6071	-0.187	0.5529	0.1021	0.2315	0.4739	0.0259	-0.856	-0.154
PCHAS_131560	-0.046	0.107	0.2058	-0.345	-0.152	-0.07	0.3009	0.2111	-0.261	0.3964	0.511	0.2435
PCHAS_112900	0.1275	0.421	0.7287	0.1014	0.5357	-0.533	0.3503	-0.134	-0.381	-1.318	-1.718	-0.444
PCHAS_141640	-1.247	-0.294	0.1458	0.0782	0.2625	-0.174	-0.249	0.0082	0.1441	-0.215	-0.749	-0.275
PCHAS_010670	-0.336	0.3797	-0.51	-0.025	0.0201	0.0107	0.1674	-0.017	-0.094	-0.183	-0.232	0.0964
PCHAS_071950	0.7785	-0.27	-1.533	0.6448	-1.618	0.5566	0.9669	-0.1	0.506	0.5517	-0.091	-0.001
PCHAS_136030	0.1365	-0.176	-0.561	-0.814	-0.523	-0.407	-1.184	-0.989	-0.467	0.7334	1.1659	1.0642
PCHAS_092110	-0.667	-0.616	0.0244	-0.286	-0.042	0.0086	0.7687	0.1001	-0.388	-0.132	1.001	-0.051
PCHAS_133590	0.0979	0.2864	0.2585	0.2082	0.0955	-0.028	0.2221	0.0732	0.2174	-0.609	-0.533	-0.116
PCHAS_091570	0.197	-0.563	0.0563	0.047	-0.032	-0.693	0.395	0.0185	-0.485	-0.389	0.0663	-0.445

PCHAS_091870	-0.806	-0.098	0.3296	0.0103	-0.215	-0.313	-0.189	-0.101	-0.506	-0.357	0.0993	-0.254
PCHAS_131640	0.231	0.0741	-0.129	-0.283	0.1058	0.0845	-0.008	0.1527	0.0331	0.7436	0.3945	0.4446
PCHAS_140310	0.655	0.6166	0.4743	0.3232	0.1157	0.0857	-0.361	-0.542	-0.128	-0.796	-0.591	-0.825
PCHAS_136880	0.0809	0.1515	0.1724	0.2635	0.0842	0.053	0.0691	0.2712	0.0877	-0.439	0.0282	-0.276
PCHAS_080620	-0.518	-0.991	-1.061	-0.611	-0.181	0.6043	0.2898	0.6499	0.3378	0.8166	0.3905	0.7986
PCHAS_092470	-0.036	0.1289	0.0896	0.2295	0.2015	-0.094	-0.257	0.0159	-0.05	-0.312	-0.112	-0.079
PCHAS_071880	-0.228	-0.368	0.237	0.0661	0.0281	0.2804	-0.115	0.5741	0.2396	0.7285	0.6536	0.5599
PCHAS_071640	-0.956	-0.312	-0.346	0.2697	0.0611	0.0557	-0.551	0.16	-0.015	0.3304	-0.553	0.2164
PCHAS_090450	-0.344	-0.385	-0.177	-0.109	0.1983	-0.233	-1.244	0.5269	-0.53	-0.011	0.2102	-0.024
PCHAS_031560	-0.278	-0.801	-0.622	-0.424	-0.161	-0.181	1.2237	0.0198	-0.011	2.3454	2.4157	1.6634
PCHAS_031660	-0.047	0.099	0.3547	0.2687	-0.012	-0.264	0.0428	0.4303	-0.331	-0.155	0.26	-0.225
PCHAS_051090	-0.114	-0.326	-0.258	-0.054	0.0573	0.3512	-0.111	0.2343	0.3833	0.3108	0.3268	0.473
PCHAS_040700	0.3998	0.1045	0.2174	0.1743	-0.579	-0.244	0.2693	-0.225	-0.327	-0.773	-1.895	-0.543
PCHAS_110070	0.3051	0.2435	0.4069	-0.373	-0.148	-0.664	-0.61	-0.266	-0.501	0.6064	1.5	0.6219
PCHAS_072640	0.0628	0.3502	0.3431	0.3839	0.1348	-0.094	-0.006	-0.407	-0.148	-0.45	-1.328	-0.52
PCHAS_070520	0.2639	0.3922	0.1511	0.0639	-0.29	-0.088	-0.53	0.0052	0.1072	0.7733	1.7248	0.6661
PCHAS_122760	-0.204	-0.569	0.0807	-1.021	-0.173	-0.779	1.2717	-0.499	-0.438	1.9813	1.5021	1.4283
PCHAS_133970	-0.036	0.3021	0.3683	0.453	0.2545	-0.359	-0.443	-0.338	-0.17	-0.097	-0.175	-0.343
PCHAS_052280	0.2825	0.5211	0.5384	0.4623	0.2265	-0.066	-1.045	-0.382	-0.061	-0.164	-1.024	-0.461
PCHAS_144270	-0.448	0.3028	0.0899	0.2662	0.1047	0.4284	0.0852	0.0087	0.1714	-0.618	-0.567	-0.528
PCHAS_061990	0.401	0.7385	0.6284	0.3165	0.0122	-0.494	-1.229	-1.154	-0.552	-1.275	-1.308	-1.086
PCHAS_112800	0.025	0.2821	0.2647	0.2	0.0584	0.3017	-0.757	-0.059	0.1698	0.1868	-0.857	-0.121
PCHAS_145850	-0.631	0.0277	-0.87	0.2384	0.1334	0.3491	1.18	0.0536	0.8964	-0.055	0.0316	-0.352
PCHAS_120460	0.0231	0.4859	0.8257	0.4946	0.1498	-0.121	-0.26	-0.408	-0.311	-1.107	-0.116	-0.419
PCHAS_020110	0.1644	0.6826	0.7202	0.4804	0.3212	0.4661	-0.006	-0.181	0.5158	-0.113	0.0508	0.2314
PCHAS_132980	0.345	0.2763	0.3868	0.3348	0.2309	-0.133	0.3261	-0.133	0.0012	-0.603	-1.076	-0.483
PCHAS_144000	-0.285	-0.129	-0.031	-0.229	-0.085	0.1979	0.2309	0.1288	0.2147	0.1655	-0.279	0.1652
PCHAS_135480	1.0681	0.1573	-0.042	0.6738	0.0409	1.2645	1.5449	1.3319	1.257	1.091	1.2423	1.0766
PCHAS_030930	-0.794	-0.969	-1.375	-0.747	0.2245	0.8817	0.4231	0.6137	0.8963	0.8927	-0.442	0.6824
PCHAS_080730	0.0871	-0.021	-0.228	-0.339	-0.236	0.2698	-0.328	-0.428	-0.109	0.3142	0.5108	0.4113
PCHAS_144630	-0.477	0.1585	-0.08	0.428	0.1342	0.211	0.2579	-0.476	0.2813	-1.336	-1.049	-0.86
PCHAS_111450	-0.047	0.4361	0.3852	0.5268	0.0624	0.2581	-0.576	0.288	0.0986	0.0308	-0.514	-0.274
PCHAS_082910	-0.687	-0.655	-0.479	-0.776	-0.089	0.2779	0.8953	0.8893	0.2988	0.8675	0.8282	0.5836
PCHAS_142310	0.4782	0.5797	0.3418	0.3331	0.1931	-0.31	-0.166	-0.835	-0.486	-1.552	-0.581	-0.742
PCHAS_146560	-0.187	-0.026	0.6097	0.6312	0.3338	1.4457	-0.247	0.4123	0.737	-0.157	-0.38	0.2899
PCHAS_041440	0.1548	0.1868	0.3702	-0.238	-0.055	-0.477	-0.495	-0.146	-0.429	0.0741	0.3746	-0.029
PCHAS_136340	-1.023	-0.129	-0.684	-0.948	-0.127	-0.101	-0.515	0.7163	0.3102	1.136	1.0171	0.7547
PCHAS_050910	-0.05	0.2575	0.5688	0.2748	-0.048	-0.437	-0.406	-0.538	-0.568	-0.914	-0.618	-0.808
PCHAS_081690	-0.201	0.6512	0.1686	-0.263	-0.096	-0.448	0.3012	-0.279	-0.723	-0.367	-0.409	-0.108
PCHAS_031810	-0.071	-0.336	-0.577	-0.447	-0.088	0.545	0.442	0.5817	0.4975	0.5917	0.2814	0.4022
PCHAS_051280	-0.991	-0.253	-0.044	-0.12	0.1779	0.1231	0.1662	0.4759	0.0273	0.4833	0.4614	0.2655
PCHAS_124120	-0.268	-0.205	-0.999	0.4678	-0.229	0.4454	-0.257	-0.633	0.3235	-1.028	-1.489	-0.639
PCHAS_130470	0.6783	0.2676	0.1683	0.2453	-0.011	0.022	-0.491	-0.233	0.1944	-1.166	-0.92	-0.707
PCHAS_080230	-0.311	-0.242	-0.075	-0.295	0.017	0.245	-0.404	-0.356	0.2123	0.7951	0.9018	0.4623
PCHAS_145810	0.0043	0.121	0.5291	0.4167	0.251	-0.081	-0.604	-0.205	-0.384	0.1833	-2.18	-0.679
PCHAS_083160	-0.015	0.3195	0.3816	0.1727	0.1408	0.4031	0.2038	-0.292	-0.026	-1.029	-0.96	-1.215
PCHAS_041910	-0.989	-0.959	-0.591	-0.753	-0.16	0.5764	0.4279	0.9288	0.5346	0.9877	0.7016	0.6818
PCHAS_146130	0.6772	0.6893	0.5963	0.2004	-0.155	-0.393	-0.461	-0.664	-0.337	-0.949	0.2407	-0.515
PCHAS_114190	-1.236	-0.922	-0.953	0.0372	0.3468	0.1738	1.1842	0.7811	0.244	-0.2	0.1668	-0.26
PCHAS_051750	0.215	0.2259	0.0457	0.1824	0.2066	0.0724	0.049	-0.17	0.0317	-0.903	-1.011	-0.55

PCHAS_144900	-0.719	0.1862	-0.072	0.6142	0.1765	0.0084	-0.17	-0.613	-0.01	-1.81	-1.547	-1.351
PCHAS_141270	-0.976	0.3149	0.8665	0.2461	0.3343	0.1002	0.8077	-0.099	0.0118	-1.239	-1.23	-0.978
PCHAS_080530	0.2826	-0.036	0.2733	0.1837	0.2851	-0.206	0.6514	0.0127	0.0722	-0.363	-0.256	-0.479
PCHAS_011080	0.3165	-0.393	0.4392	-0.208	-0.135	-0.199	0.2207	0.1084	-0.317	-0.056	0.7313	-0.53
PCHAS_111760	-0.564	0.0139	-0.522	-0.448	0.0147	-0.583	0.7946	0.5061	-0.481	1.6258	1.464	1.5639
PCHAS_130800	0.374	-0.951	-0.651	-0.859	-0.166	0.1632	-0.312	0.2374	-0.355	1.4713	1.3824	1.2257
PCHAS_092440	-0.582	0.069	-0.071	-0.194	-0.098	0.3866	0.4556	0.4725	0.4123	-0.708	-0.079	-0.608
PCHAS_071310	0.4574	0.006	0.3051	-0.152	-0.029	-0.216	0.3263	0.1694	-0.212	0.1093	-0.02	0.0193
PCHAS_071050	0.532	0.2956	0.498	0.0228	0.2404	-0.402	0.4395	-0.21	-0.293	-0.937	-1.436	-1.053
PCHAS_103520	-0.459	0.1164	0.399	0.0569	0.0937	-0.303	-0.652	-0.147	-0.471	-0.392	-0.379	-0.536
PCHAS_062340	-0.515	0.8927	-0.844	0.5552	-0.666	0.5078	0.4251	-0.343	0.3458	-0.765	-0.143	0.2005
PCHAS_050340	0.307	0.2385	-0.002	0.0637	0.1608	0.5402	-0.373	-0.163	0.0892	0.4631	1.8753	0.434
PCHAS_137000	-0.188	-0.093	0.1526	0.3514	0.2098	0.4482	0.8395	0.1452	0.5093	-0.545	-0.511	-0.657
PCHAS_103640	0.2649	0.5811	0.6804	0.131	0.171	-0.156	-0.507	-0.391	-0.063	-0.66	-1.28	-0.739
PCHAS_145640	0.0304	0.0255	-0.155	-0.023	-0.122	-0.202	-0.228	-0.312	-0.184	-0.457	-0.809	-0.143
PCHAS_142830	-0.395	-0.848	-0.291	-0.458	-0.101	0.0765	-0.096	0.4232	0.0703	0.7363	0.3615	0.5812
PCHAS_030700	-0.128	-0.761	-1.194	-0.512	-0.194	0.5483	-0.123	0.3229	0.4613	1.0809	1.0719	0.7169
PCHAS_100500	0.3485	0.8675	0.691	0.1586	0.161	-0.777	-0.468	-1.144	-0.686	-0.983	-1.357	-1.041
PCHAS_021020	-0.294	0.086	-0.057	-0.193	-0.266	-0.252	-0.334	-0.37	-0.448	-0.095	-0.329	-0.211
PCHAS_112250	-0.614	-0.263	0.2259	0.1736	0.1787	-0.141	0.4439	0.163	-0.131	-0.415	0.0053	-0.589
PCHAS_070530	-0.374	-0.597	-0.246	-0.667	-0.314	-0.114	0.2573	0.3094	-0.121	0.6646	0.7822	0.6555
PCHAS_102540	0.2191	-0.351	0.386	-0.09	-0.024	-0.178	0.0705	-0.068	-0.074	-0.314	0.8466	-0.064
PCHAS_136760	-0.044	-0.033	0.5406	-0.153	-4E-04	-0.141	1.2151	0.4426	-0.264	-0.135	0.4482	0.2947
PCHAS_082250	-0.047	-1.199	0.2689	0.2472	0.3013	-0.564	-0.36	0.0966	-0.086	-0.518	0.4744	-0.448
PCHAS_031310	-0.107	-0.141	0.039	-0.001	-0.041	0.0799	0.081	0.0203	0.1056	-0.338	-0.342	-0.414
PCHAS_100990	0.5551	0.1985	0.3846	0.3552	0.1403	-0.087	0.6783	-0.529	-0.193	-1.259	-0.046	-0.741
PCHAS_052490	0.5826	-0.016	0.112	0.4133	-0.041	0.1889	0.2564	0.3996	0.2979	0.4813	0.4419	0.2763
PCHAS_130950	0.6088	0.4189	0.5796	0.5365	0.2374	-0.244	-0.556	-0.492	-0.377	-0.944	-1.19	-1.05
PCHAS_144960	0.1323	-0.867	-0.574	-0.82	-0.28	0.1448	0.6446	0.4697	0.1167	1.814	1.7272	0.9998
PCHAS_110620	-0.554	-1.658	-1.624	-1.695	-0.426	0.1386	0.2165	0.7556	0.1981	1.6438	1.2424	1.3929
PCHAS_101670	-0.136	-0.229	-0.096	-0.223	-0.477	0.1345	1.0832	0.2888	-0.309	-0.202	1.183	-0.175
PCHAS_070470	-0.585	-0.157	0.1289	0.3561	0.1587	0.459	0.2581	0.4007	0.3867	0.1654	-0.195	0.5783
PCHAS_124540	0.396	0.3677	0.327	0.2731	0.0907	-0.215	-0.137	0.0405	-0.247	-0.399	-0.085	-0.582
PCHAS_021350	-0.339	0.1508	-0.187	0.4736	0.2656	0.0739	0.2113	0.4413	0.3384	0.4035	0.8784	0.9961
PCHAS_100490	0.2895	0.7056	0.5033	0.1996	0.0735	-0.173	0.0067	-0.57	-0.345	-0.74	0.1007	-0.521
PCHAS_070830	-0.4	-0.564	0.344	0.1262	0.1336	-0.093	-0.297	-0.212	-0.229	-0.303	-0.987	-0.071
PCHAS_031250	-0.178	0.2007	0.4516	0.1947	-0.095	-0.044	0.1354	0.0231	-0.295	-0.585	-0.468	-0.576
PCHAS_143160	-0.031	0.1139	0.2174	0.5637	0.2888	-0.192	-0.446	-0.529	-0.176	-1.141	-1.175	-1.342
PCHAS_121450	-0.75	-0.317	0.4147	-0.295	0.1788	-0.481	-0.096	0.5914	-0.332	-0.465	-0.083	-0.605
PCHAS_040680	-0.467	0.0535	0.147	0.577	0.3724	0.6054	-0.389	0.2951	0.5661	-0.233	-0.585	-0.364
PCHAS_103570	0.1128	0.0865	0.3672	-0.147	0.1636	-0.17	0.3811	-0.38	-0.247	0.0864	-0.1	0.2004
PCHAS_141240	0.037	0.0519	0.6602	-0.14	-0.039	-0.888	0.1751	0.469	-0.787	-0.393	-2.025	-0.658
PCHAS_136370	1.6957	0.3009	0.9977	0.0547	0.241	-0.769	0.4177	0.3941	-0.604	-0.682	0.5412	-0.562
PCHAS_111010	-0.115	0.4167	0.6197	0.1577	0.164	0.046	-0.036	-0.203	-0.197	-1.012	-0.631	-0.319
PCHAS_121340	0.218	0.5097	0.5011	0.5243	0.408	-0.153	-0.216	-0.905	-0.193	-1.865	-1.688	-1.44
PCHAS_040540	0.5276	-0.03	0.1462	-0.109	-0.082	-0.056	0.5869	0.3512	0.0357	0.1191	0.0404	0.205
PCHAS_080520	0.5314	-0.036	-0.084	0.0753	-0.362	-0.009	0.2087	-0.149	-0.3	-0.313	-0.462	-0.53
PCHAS_080810	-0.028	-0.029	-0.353	-0.147	-0.053	-0.067	-0.091	0.0471	-0.047	0.6443	0.754	-0.641
PCHAS_083330	-2.479	-2.627	-2.515	-1.568	-0.741	-0.189	1.5205	0.9812	-0.217	0.2802	0.1232	-0.072
PCHAS_101150	-1.295	-1.055	-1.02	-0.352	0.2432	0.4315	0.7027	0.8256	0.4669	0.831	0.4179	0.6442

PCHAS_146370	-0.326	-0.541	-0.408	-0.55	0.0434	-0.136	0.1443	0.2931	-0.088	0.3574	0.4782	0.322
PCHAS_080740	0.5905	0.2835	0.4281	0.2117	-0.446	-0.279	0.0055	-0.748	-0.43	-1.299	-1.207	-0.83
PCHAS_000960	-0.375	0.8565	0.1315	-0.107	-0.244	1.2041	-0.001	0.0175	0.2992	1.4881	2.7754	1.7294
PCHAS_071590	0.3829	-0.788	0.3619	0.1556	-0.059	-0.04	0.563	0.041	0.3074	-0.088	0.1383	0.5817
PCHAS_110460	-0.176	0.2943	0.6753	0.3274	0.1997	0.1095	-0.101	0.2015	0.0434	-0.265	-0.09	-0.722
PCHAS_060850	-0.53	-0.427	-0.374	0.0289	-0.09	0.1422	-0.03	0.3153	0.278	0.2742	1.6293	0.3931
PCHAS_081570	-1.077	-1.668	-1.648	-2.036	-0.864	-0.163	-1.459	-0.589	-0.124	1.6542	1.8402	1.5983
PCHAS_000860	-0.345	-0.533	-0.327	-0.413	-0.04	0.8093	0.2126	0.8587	0.6169	1.87	0.9658	1.5492
PCHAS_041070	-0.438	-0.104	-0.047	-0.035	-0.01	0.1799	0.0651	0.2885	0.0607	0.3878	0.533	0.474
PCHAS_010990	-0.238	-0.186	-0.365	-0.166	-0.347	-0.06	-0.353	-0.403	-0.099	0.7848	1.0108	0.0326
PCHAS_143720	1.1945	0.5429	1.0491	0.0889	0.0788	0.1969	-0.329	-0.192	0.0037	-0.688	-0.214	-0.064
PCHAS_072140	0.2851	0.1316	0.824	-0.153	-0.087	-0.323	-0.289	-0.536	-0.689	-0.299	0.332	0.0327
PCHAS_072770	0.8155	-0.34	-0.438	-0.045	-0.05	0.3566	0.5011	0.3574	0.2491	0.865	0.5954	0.6446
PCHAS_124230	-0.156	0.1986	0.7581	0.1908	0.4816	-0.4	0.1811	-0.136	-0.43	-0.884	-0.493	-0.348
PCHAS_092960	-0.198	0.063	0.162	0.2164	-0.046	0.1061	-0.035	-0.096	0.061	-0.695	-0.686	-0.636
PCHAS_124090	-0.03	-0.68	0.11	-0.154	-0.051	-0.404	0.3276	0.2783	-0.531	-0.321	0.8242	0.0553
PCHAS_102490	0.6412	0.6004	0.5458	0.1459	-0.071	-0.488	-0.639	-0.434	-0.304	-0.891	-0.555	-0.579
PCHAS_041240	-0.702	-0.502	-0.318	0.0873	0.0323	0.433	0.1209	0.2101	0.4566	0.1444	-0.103	0.4006
PCHAS_145530	0.4069	0.0205	-0.127	-0.326	-0.238	-0.17	0.0785	-0.111	-0.231	-0.238	-0.424	-0.143
PCHAS_122460	0.0406	0.4415	0.3777	0.6123	0.3394	-0.627	-0.09	0.1022	-0.511	-0.894	-2.902	-0.446
PCHAS_031180	-0.136	-0.127	-0.2	-0.068	-0.149	-0.422	0.238	0.2681	-0.22	0.1389	0.3362	0.0299
PCHAS_112510	-0.178	0.112	0.0959	0.6296	0.1338	-0.033	0.18	-0.257	-0.033	-0.74	-0.487	-0.832
PCHAS_061780	-0.872	-0.155	-0.067	0.3581	0.1668	-0.05	0.1974	0.1623	-0.098	-0.357	-0.321	-0.515
PCHAS_101730	0.1219	0.5428	0.3257	-0.014	-0.063	0.0407	-0.004	0.1595	0.1094	-0.293	-0.147	-0.106
PCHAS_110320	-0.348	-0.11	-0.297	-0.049	0.1198	-0.292	0.6955	0.2275	-0.118	-0.399	-0.433	-0.172
PCHAS_040770	0.8866	0.0251	-0.058	-0.005	0.0122	-0.127	0.2603	0.2824	-0.179	-0.266	-0.089	-0.342
PCHAS_093050	0.0307	0.2397	0.1874	0.2757	-0.046	-0.498	0.0028	0.2331	-0.194	-0.456	-0.555	-0.7
PCHAS_130440	-0.08	-0.044	0.488	0.2594	0.1825	-0.28	0.1893	-0.416	-0.295	-1.23	-0.78	-0.97
PCHAS_131160	-0.001	-0.005	-0.226	0.3045	0.1142	0.1801	-0.244	0.3039	0.382	0.4826	-0.055	0.3674
PCHAS_122720	-1.194	-1.166	-0.947	-0.463	0.0989	0.628	0.907	0.6311	0.5368	0.0943	0.0957	-0.182
PCHAS_135430	-0.242	0.1137	0.3072	0.2792	-0.087	-0.07	-0.675	-0.523	-0.081	-1.704	-1.871	-1.386
PCHAS_123880	-0.936	-0.81	-0.438	-0.632	-0.078	0.1416	0.4553	0.6116	0.256	0.9564	0.9806	0.8049
PCHAS_062140	0.3129	0.0325	0.0881	-0.186	-0.001	0.8775	-0.037	-0.428	-0.04	0.4383	0.7042	0.2809
PCHAS_104060	0.0779	-0.312	0.245	-0.064	0.2991	-0.205	0.5913	0.1639	-0.286	-0.346	-0.488	-0.578
PCHAS_102980	0.4768	-0.115	-0.003	-0.105	0.0414	0.5966	-0.125	0.3319	0.54	1.238	0.5424	1.3704
PCHAS_142430	-0.325	0.6988	0.707	0.6759	0.0794	-0.04	-0.173	-0.233	-0.191	-0.689	-0.865	-0.387
PCHAS_110710	0.7268	0.1423	0.349	0.084	0.1958	0.0871	-0.102	-0.357	0.0045	-0.376	-0.55	-0.33
PCHAS_113650	-0.757	-0.115	-0.101	0.1976	0.2671	-0.022	-0.044	-0.181	0.0197	-1.14	-1.223	-1.114
PCHAS_145440	0.264	0.2572	0.2531	0.0103	0.1061	-0.071	0.0417	-0.144	-0.009	-0.209	-0.278	-0.131
PCHAS_133980	0.3517	0.0787	0.2621	-0.024	0.1383	-0.036	0.099	0.1575	-0.019	-0.102	0.2293	-0.007
PCHAS_145220	0.3604	0.0704	-0.98	0.4657	0.1745	0.1393	-0.26	-0.142	0.209	-0.365	-0.505	0.3885
PCHAS_141220	0.0899	0.4615	0.5017	1.0141	0.042	-0.006	0.0095	-0.659	0.0286	-1.129	-1.086	-1.043
PCHAS_112200	2.279	1.6493	0.0853	1.0127	-0.297	1.6859	1.9948	1.842	1.8171	1.0198	0.9435	0.703
PCHAS_122200	0.2199	-0.427	-0.161	-0.508	0.0356	0.553	-0.654	0.0665	0.121	0.7679	0.9193	0.1757
PCHAS_100790	0.2074	0.1919	0.1285	0.1282	0.1452	-0.478	-0.169	-0.384	-0.446	-0.669	0.1646	-0.49
PCHAS_061430	0.3769	0.7556	0.3756	0.6529	0.1197	0.0711	-0.165	0.0214	0.0753	-1.439	-2.149	-1.028
PCHAS_071990	-0.342	0.1694	0.3276	0.2389	0.158	0.038	-0.276	-0.161	-0.06	-1.062	-1.064	-0.799
PCHAS_080960	-1.198	-0.26	-0.454	-0.025	-0.026	0.0931	0.9892	0.7677	0.136	0.295	0.4056	0.2833
PCHAS_136590	0.1834	0.348	0.3055	0.3718	0.0193	-0.271	0.0474	-0.376	-0.38	-1.273	-0.506	-0.81
PCHAS_071410	-0.824	-0.66	-1.111	-0.353	-0.007	0.2226	0.3375	0.5317	-0.194	0.7186	-0.124	-0.072

PCHAS_134240	-0.804	-0.818	0.0272	-0.312	-0.138	-0.268	-0.107	0.3695	-0.111	1.121	-0.083	0.5595
PCHAS_083150	-0.048	-0.329	-0.245	-0.404	-0.106	0.3412	-0.933	-0.338	0.3596	1.899	1.1385	1.4142
PCHAS_093470	1.2004	0.1153	0.1378	-0.084	-0.082	-0.645	0.3634	-0.426	-0.416	-0.617	0.1019	-0.298
PCHAS_080880	0.9531	0.1672	0.8599	0.237	0.2711	-0.079	0.9257	0.1223	-0.108	-0.766	0.3447	-0.61
PCHAS_030670	-0.364	0.0191	0.0396	0.2913	0.0552	0.2964	-0.179	-0.037	0.2645	-0.066	-0.268	-0.082
PCHAS_146720	0.561	0.5975	0.2952	1.116	0.2334	-0.49	-1.868	-1.277	-0.41	-2.084	-1.66	-1.486
PCHAS_040650	0.986	-0.228	-0.295	-0.212	0.062	0.2068	-0.024	0.4684	0.2241	1.2791	1.1136	1.0774
PCHAS_080770	0.1061	-0.01	0.5608	-5E-04	-0.069	-0.134	0.5497	-0.359	-0.005	-0.913	-0.746	-0.692
PCHAS_081440	0.4419	0.5381	0.6825	0.4798	0.0107	-0.168	-0.706	0.0741	-0.01	-0.368	-0.053	-0.294
PCHAS_113780	-0.357	-0.573	-0.081	-0.704	-0.072	-0.021	0.5854	0.2917	-0.035	0.4099	0.4092	0.2327
PCHAS_092770	-0.562	-0.105	0.5676	-0.18	0.2958	-0.281	0.4856	0.426	-0.056	-0.408	-1.294	-0.628
PCHAS_031220	-0.117	0.0452	0.3875	0.024	0.2701	-0.298	0.783	0.216	-0.242	-0.697	0.3917	-0.633
PCHAS_090220	-0.182	0.0742	0.2983	0.1966	0.1004	-0.033	-0.063	-0.232	-0.263	-0.581	0.0529	-0.583
PCHAS_141230	-0.02	0.1347	0.0449	-0.095	0.0105	-0.409	0.2212	-0.345	-0.268	-0.668	-0.433	-0.723
PCHAS_082440	0.0322	1.0952	0.5181	0.2194	0.1079	-0.055	-0.369	-0.679	-0.373	-1.089	-1.464	-0.611
PCHAS_061410	-0.146	-0.089	0.2878	-0.134	-0.079	-0.06	-0.09	0.0127	-0.125	-0.082	1.2855	0.2516
PCHAS_082630	0.2513	0.4713	0.5466	0.1751	-0.125	0.379	0.0294	-0.25	-0.065	-0.597	-0.192	-0.117
PCHAS_031270	0.524	0.2688	0.4049	-0.011	0.1843	-0.436	0.1711	-0.01	-0.285	-0.742	0.2072	-0.452
PCHAS_031190	-0.491	0.1312	-0.628	0.2315	0.0959	0.4827	0.3549	0.3721	-0.128	0.1821	0.0881	0.0068
PCHAS_143140	0.5254	0.1162	-0.118	-0.303	-0.528	-0.279	0.4472	0.2569	-0.329	-0.189	0.6407	-0.11
PCHAS_071840	0.5386	0.2894	0.3997	0.1916	0.0551	-0.484	0.0843	-0.065	-0.25	-0.762	0.1485	-0.484
PCHAS_091190	-0.256	0.2742	0.4313	0.3127	0.0158	-0.18	0.1107	0.0141	-0.157	-0.388	-0.684	-0.22
PCHAS_103290	-0.236	-1.028	-1.421	-1.213	-0.403	0.054	-0.259	-0.387	0.3072	0.7908	0.7113	0.6342
PCHAS_120680	0.1672	0.0694	-0.404	0.335	0.0329	0.0104	0.1278	-0.09	0.1784	-0.385	-0.245	-0.354
PCHAS_092010	-0.396	-0.442	0.1923	-0.041	-0.057	0.8448	0.399	0.4075	0.4123	-0.345	0.0099	-0.49
PCHAS_110640	0	-0.049	0.0142	0.0488	0.1518	-0.131	0.5315	-0.348	-0.212	-0.544	-0.678	-0.249
PCHAS_071920	-0.502	0.3077	-0.021	0.2745	-0.044	-0.474	-0.645	-0.694	-0.309	-1.245	-0.642	-0.839
PCHAS_041450	0.2099	0.4018	0.2509	-0.02	-0.17	-0.205	-0.026	0.0317	-0.677	-0.826	0.0373	-0.409
PCHAS_141940	0.8549	0.1068	0.0595	-0.099	-0.084	-0.62	-0.14	-0.235	-0.519	0.2458	0.3068	0.3764
PCHAS_100470	-0.303	0.1371	0.1025	0.0577	-0.171	-0.32	-0.256	-0.296	-0.193	-0.813	-0.237	-0.718
PCHAS_134460	-0.186	0.5483	0.6801	0.5241	0.262	-0.204	0.0538	-0.016	-0.066	-0.928	-0.386	-0.697
PCHAS_120910	-0.183	0.2451	0.2936	0.1012	0.2222	-0.335	-0.481	-4E-04	-0.257	-0.467	-0.088	-0.217
PCHAS_081780	-1.053	-0.427	-0.431	0.3084	0.0342	-0.413	0.2205	-0.16	0.1463	0.2952	0.1872	-0.311
PCHAS_110140	0.0286	-0.205	-0.286	0.3908	0.0488	-0.522	0.1655	0.0791	-0.584	-0.645	-0.588	0.5088
PCHAS_020670	0.2254	0.3897	0.241	0.337	0.2289	0.1273	0.5519	0.2824	0.0689	-0.362	0.1783	-0.251
PCHAS_120570	-0.427	0.4671	-0.161	0.5469	0.256	0.018	-0.65	0.2407	0.1256	-0.593	-0.187	-0.41
PCHAS_031060	0.2645	-0.65	-0.101	0.0464	-0.01	0.2915	0.6833	1.1204	0.1014	0.6289	0.8216	0.3158
PCHAS_030800	-0.376	0.072	0.1978	0.3519	0.0342	-0.032	0.4341	0.2043	-0.053	-0.423	0.2002	-0.304
PCHAS_132270	-0.168	0.2386	0.393	-0.034	0.1229	0.1829	-0.27	-0.107	-0.046	-0.382	-0.689	-0.165
PCHAS_145400	0.3361	0.261	0.4611	0.4148	0.1179	0.0185	-0.55	-0.426	-0.054	-0.703	-0.914	-0.34
PCHAS_052340	0.0845	0.6109	0.4735	0.1717	0.3018	0.0476	-0.391	-0.229	-0.017	-1.445	-1.685	-0.53
PCHAS_092210	-0.158	0.0358	0.0916	0.109	0.051	-0.042	0.115	-0.292	-0.053	-1.384	-1.047	-0.961
PCHAS_080160	-0.664	-1.215	-0.954	-1.129	-0.523	0.4011	-0.543	0.0938	0.3033	1.9177	1.9019	1.6501
PCHAS_143210	0.0859	-0.06	0.1899	0.0808	0.1473	-0.261	0.316	0.3336	-0.389	-0.684	-0.129	-0.536
PCHAS_102690	0.2562	0.3201	-0.685	0.3923	-0.253	0.1794	0.5469	0.1802	0.5083	0.5753	-0.114	0.5998
PCHAS_123020	0.7232	0.2858	0.5787	-0.401	-0.042	-0.354	0.7705	-0.193	-0.28	-0.401	0.4311	-0.321
PCHAS_031370	0.4129	0.5123	0.3077	0.1921	0.0443	-0.344	0.4276	0.3881	-0.06	-0.115	0.1476	-0.002
PCHAS_124600	0.524	0.3526	0.6754	0.3504	0.0707	0.1741	0.3432	-0.049	-0.155	-0.605	0.0568	-0.696
PCHAS_132410	0.2705	0.1267	0.4061	0.115	0.1708	-0.281	-0.026	0.0206	-0.323	0.4394	-0.302	0.5152
PCHAS_121650	0.5385	0.4602	0.4878	0.2191	0.173	-0.102	-0.333	-0.21	-0.355	-0.96	-1.965	-0.706

PCHAS_120890	-0.135	-0.392	-0.07	-0.131	0.0556	0.2829	0.0161	0.438	0.3083	0.6794	0.1451	0.7225
PCHAS_102750	-0.367	0.5408	0.9934	-0.206	-0.231	-0.048	0.3242	0.2352	-0.498	0.3523	1.0995	-0.149
PCHAS_090480	-0.979	-1.493	-1.074	-0.927	-0.464	0.0146	1.4706	0.7238	0.0594	1.2195	1.1058	1.1361
PCHAS_062440	0.2578	0.1443	0.4465	-0.099	0.1864	-0.129	0.684	0.5089	-0.139	-0.288	0.4262	-0.425
PCHAS_060120	-0.148	-0.024	-0.394	-0.12	-0.18	0.6504	0.1067	0.5245	0.5412	0.6053	-0.094	0.1125
PCHAS_133410	-0.88	-0.868	-1.031	-0.686	-0.309	0.1833	-0.074	0.7743	0.108	1.2116	0.9311	0.9098
PCHAS_135300	-0.783	-1.237	-1.104	-1.206	-0.447	-0.041	0.7099	0.6031	-0.056	1.1941	1.0775	0.9757
PCHAS_121070	0.0592	0.4291	0.5106	-0.145	-0.117	-0.36	0.2549	-0.471	-0.272	-0.512	-0.481	-0.189
PCHAS_102770	1.1329	0.3945	0.245	-0.283	-0.06	-0.548	0.415	-0.354	-0.538	-0.578	0.1282	-0.334
PCHAS_093140	0.3749	0.166	0.2812	0.1743	0.3051	-0.356	0.3551	-0.285	-0.558	-0.252	-0.312	0.2839
PCHAS_011150	0.4674	0.4983	0.1821	0.2426	-0.058	-0.454	0.3178	-0.713	-0.566	-0.997	-0.344	-0.248
PCHAS_135690	-1.522	-0.273	-0.149	-0.842	0.3397	0.5673	-0.202	0.0976	0.5719	-1.113	-1.034	-0.144
PCHAS_071520	-0.641	0.0295	-1.29	-1.082	-0.359	0.4866	-0.038	0.2497	0.4555	1.8709	1.8297	1.7171
PCHAS_142840	0.104	-0.606	-0.346	-0.538	-0.235	0.1206	-0.286	-0.452	-0.004	1.7353	2.0973	1.3148
PCHAS_072960	-0.044	0.1624	0.2626	0.0779	0.3	-0.064	0.7187	0.2066	-0.034	-0.344	0.6023	-0.489
PCHAS_072270	-0.332	-0.097	-0.034	-0.158	0.2829	0.0601	-0.571	-0.059	-0.122	0.9072	0.3854	0.4793
PCHAS_060860	-0.015	0.3335	0.4303	0.219	0.3107	-0.092	0.2224	0.1527	-0.12	-0.563	-0.067	-0.444
PCHAS_111980	1.4007	0.4987	0.5886	0.1772	0.2496	-0.593	0.0688	-0.063	-0.531	-1.609	-0.717	-0.752
PCHAS_051670	-0.253	-0.039	0.3768	-0.019	0.1422	-0.36	-0.02	-0.487	-0.438	-1.369	-0.164	-0.928
PCHAS_140660	-1.269	-1.649	-1.274	-1.164	-0.154	0.2152	0.5487	0.6972	0.2211	0.9245	0.4774	0.9996
PCHAS_146170	0.2322	0.1005	-0.237	0.5089	0.1136	0.2864	0.2237	-0.286	0.0874	-0.119	0.2236	0.1186
PCHAS_113790	-0.172	-0.04	0.1249	-0.115	-0.546	-0.351	-0.496	0.0508	-0.27	0.0661	-1.122	-0.205
PCHAS_120210	0.7557	-0.315	-0.701	-0.155	-0.811	0.3383	0.0508	0.2361	0.166	1.569	1.0516	1.0577
PCHAS_082590	0.4968	0.4	0.4877	0.1322	0.1968	-0.083	0.0549	0.1121	-0.012	-0.393	-0.403	-0.369
PCHAS_101990	-0.09	-0.192	0.0336	0.1168	0.2633	0.2288	-0.111	0.2385	0.2203	0.2502	0.1501	0.6613
PCHAS_134660	1.9932	-0.147	0.2737	-0.082	0.1469	-0.161	-0.071	0.1891	-0.507	-0.063	-0.159	-0.275
PCHAS_143990	-0.623	-0.811	-0.587	-0.776	-0.274	-0.002	-0.312	0.2985	0.0414	1.8531	1.5306	1.2347
PCHAS_144640	0.3794	-0.269	0.5917	0.1604	0.3982	0.2232	0.7289	-0.069	0.1631	0.1986	0.108	-0.024
PCHAS_120150	-0.187	0.0192	0.1933	0.1007	0.0799	-0.031	-0.02	0.1126	0.0469	-0.35	-0.459	-0.407
PCHAS_131320	1.1376	0.4735	0.5801	-0.426	-0.224	-0.127	0.8196	-0.028	-0.209	0.3412	1.5879	0.3404
PCHAS_122400	-0.795	-1.577	-0.664	-0.817	-0.311	-0.545	-0.08	0.3576	-0.496	1.6483	1.7199	0.6404
PCHAS_103910	-0.473	0.1379	-0.153	-0.403	-0.204	-0.131	-0.265	-0.324	-0.23	-0.375	0.8357	-0.179
PCHAS_110060	2.2326	0.9444	1.0171	0.2895	-0.296	0.045	0.168	0.3364	0.6929	0.974	0.6637	0.4726
PCHAS_030190	0.11	0.4597	0.6082	0.5652	0.1304	0.2468	-0.149	-0.483	0.0868	-1.396	-1.108	-0.745
PCHAS_140900	-0.39	0.7487	-0.115	0.3394	0.0272	0.3929	0.1873	0.0839	0.1234	0.5479	-0.633	0.1762
PCHAS_000120	0.6184	0.5177	0.3414	0.1918	-0.225	-0.133	-0.505	-0.479	-0.349	-0.379	-0.464	-0.163
PCHAS_113950	-0.561	0.0249	0.1831	-0.02	0.0401	-0.529	-0.109	-0.029	-0.111	0.7255	0.0761	0.3666
PCHAS_080100	-0.282	0.1551	0.4482	0.2753	0.2118	0.0196	-0.017	0.2874	0.1323	-0.021	-1.236	-0.269
PCHAS_103300	0.1718	0.5263	0.1251	0.5638	0.1858	-0.585	-0.196	-0.21	-0.395	-0.447	-2.769	-0.435
PCHAS_131870	0.0386	-0.088	-0.053	-0.142	0.1426	-0.099	0.3857	0.2603	-0.061	0.1992	0.3332	0.3156
PCHAS_093690	-0.322	-0.082	0.0144	0.1941	0.0431	-0.11	0.4206	0.2167	-0.195	0.304	0.0918	-0.108
PCHAS_040380	-0.124	-0.297	0.3248	0.2335	0.2395	-0.351	0.4349	-0.037	-0.452	-1.069	-0.774	-1.063
PCHAS_070270	0.887	-0.083	0.3701	0.108	0.126	-0.251	0.4112	0.4744	-0.148	0.0822	-0.071	0.0104
PCHAS_123180	-1.209	-0.744	-0.394	-0.28	-0.073	-0.392	0.0769	0.2595	-0.408	-0.564	0.5884	-0.255
PCHAS_093390	-0.272	0.1038	-0.099	0.1173	-0.003	-0.17	0.2868	-0.398	-0.143	-0.786	-1.038	-0.656
PCHAS_123770	-0.875	-0.763	0.1321	-0.197	0.1929	0.1175	0.8079	0.6547	0.1733	0.3192	0.448	0.1243
PCHAS_040500	-0.24	-0.691	-0.708	-0.641	-0.063	-0.134	0.3987	0.3919	-0.06	0.3318	1.354	0.2572
PCHAS_140270	-0.131	-0.749	-0.514	-0.731	-0.698	-0.555	-0.277	-0.056	-0.768	0.1837	2.1669	0.6312
PCHAS_130600	-0.781	-0.171	-0.097	-0.004	0.0657	0.5681	0.2748	0.4808	0.3751	0.1618	0.3707	0.1978
PCHAS_131500	0.2672	-0.112	-0.011	-0.137	0.0636	0.0425	-0.038	0.0638	0.0319	0.4655	0.836	0.4174

PCHAS_114440	-0.575	-0.744	-0.302	-0.416	-0.224	-0.156	0.6008	0.9116	-0.274	0.6703	1.0703	0.3266
PCHAS_146580	0.4662	-0.014	0.2019	0.1322	0.2383	0.0749	0.5943	-0.155	0.094	-0.852	-0.401	-0.363
PCHAS_132320	0.0693	0.3156	0.2202	0.7755	0.1571	-0.277	0.7703	-0.25	-0.173	-0.931	-0.204	-0.588
PCHAS_135230	0.3176	0.0259	0.3043	0.2915	0.1796	0.1927	0.3985	-0.06	0.1889	-0.723	-1.05	-0.649
PCHAS_060420	0.1598	0.2178	0.0995	0.3544	0.0536	0.6603	0.1577	0.2646	0.4372	0.1461	-0.031	0.1003
PCHAS_100610	0.4741	0.0236	-2.034	0.5698	0.3171	0.7813	0.792	-0.057	0.5354	-0.352	0.0801	-0.009
PCHAS_102310	-0.015	-0.029	-0.271	0.0052	0.0176	-0.261	0.0123	0.3857	-0.047	-0.046	0.1221	0.0641
PCHAS_020730	-0.041	0.6503	-0.073	0.5173	0.15	0.1003	-0.714	-0.27	0.0305	-1.656	-1.739	-1.044
PCHAS_021330	-1.321	-1.475	-1.395	-1.443	-0.197	0.2388	-0.117	0.3114	0.3627	0.765	0.7993	0.3378
PCHAS_081290	0.0945	-0.544	-0.004	-0.193	0.3403	-0.274	0.2275	0.2735	-0.475	-0.699	-0.473	0.2124
PCHAS_050520	-0.177	-0.592	-0.108	-0.598	-0.128	-0.019	0.4489	0.2155	-0.061	0.4167	0.4445	0.1545
PCHAS_061620	-0.067	0.2099	0.155	0.3624	0.178	-0.038	-0.01	-0.003	-0.077	-0.628	-0.403	-0.529
PCHAS_081920	-1.472	-1.169	-0.675	-0.369	0.253	0.5739	0.7646	0.6615	0.5126	0.2341	-0.37	0.0463
PCHAS_143980	0.5647	0.3523	0.9674	0.3232	0.1669	0.1769	0.3741	-0.328	0.2452	-1.471	-0.557	-0.463
PCHAS_134680	0.1878	0.1495	0.0328	0.495	0.0788	-0.168	-0.516	-0.626	-0.345	-1.174	-1.226	-0.716
PCHAS_132630	-1.085	-0.472	-0.184	-0.206	0.2382	-0.12	0.5618	0.5669	-0.278	-0.173	-0.217	-0.462
PCHAS_031710	-0.401	-0.248	-0.352	-0.128	-0.2	-0.045	-0.022	-0.173	-0.115	0.2751	2.5834	-0.012
PCHAS_121970	0.3422	0.5445	0.3057	-0.075	0.0377	0.0416	-0.835	-0.751	-0.143	-1.117	-0.866	-0.524
PCHAS_132570	-0.936	-0.65	-0.915	-0.481	-0.184	-0.22	0.6715	1.0043	0.0779	0.9849	0.64	0.8069
PCHAS_146460	-0.349	-0.553	-0.423	-0.584	-0.175	-0.485	0.5544	0.7403	-0.076	0.9489	0.8704	0.7984
PCHAS_071000	-0.989	-1.508	-0.953	-1.096	-0.509	-0.802	1.2698	0.8757	-0.499	1.0912	0.7024	0.8299
PCHAS_140590	-0.205	0.1977	0.6205	0.1827	0.1773	-0.307	-0.214	-0.203	-0.186	-1.015	-0.48	-0.53
PCHAS_072290	-0.674	-0.656	-0.151	0.3104	0.0651	0.6775	0.3354	0.6463	0.3979	0.2989	-0.01	-0.125
PCHAS_072190	0.998	0.5415	0.7266	-0.056	-0.08	0.0746	-0.056	-0.518	-0.254	-0.768	-0.328	-0.516
PCHAS_083540	-1.377	-1.289	-0.599	-0.404	0.1143	0.2836	0.4038	0.6854	0.2574	0.2766	0.4911	0.0789
PCHAS_102390	0.0144	-0.479	-1.022	0.1307	0.0105	0.5312	-0.221	-0.168	0.2166	0.3737	1.3397	0.2915
PCHAS_073150	-1.147	-1.299	-1.043	-1.318	-0.422	0.1597	0.4955	1.269	0.1372	1.2717	0.8284	0.8417
PCHAS_145300	-0.702	-0.194	0.151	0.3189	0.2821	0.0665	0.2543	0.0306	0.1463	-0.982	-0.764	-0.73
PCHAS_071150	0.0244	0.0286	0.197	0.4066	0.1922	0.154	-0.102	-0.363	0.1302	-1.007	-1.098	-0.863
PCHAS_120320	-0.207	0.1694	-0.297	0.0016	-0.094	0.2662	-0.431	-0.194	0.2039	0.048	-0.363	0.0702
PCHAS_131430	0.2691	0.4803	0.5229	0.5089	0.2041	0.1286	-0.792	-0.494	-0.01	-1.167	-1.048	-0.87
PCHAS_080170	0.2847	-0.051	0.0604	-0.315	-0.032	-0.422	0.3632	0.3851	-0.119	-0.082	0.2645	-0.094
PCHAS_102440	-0.178	-0.059	0.3025	-0.258	0.0321	-0.077	-0.57	-0.308	0.021	0.643	0.3475	0.0374
PCHAS_135590	-0.695	-0.264	-0.591	-0.745	-0.111	0.8523	0.1693	0.6932	0.706	0.8338	0.1645	0.5143
PCHAS_144590	0.0871	0.326	0.3227	0.5478	0.1475	0.2015	0.0465	-0.348	0.083	-1.287	-1.041	-0.581
PCHAS_091280	-0.759	-0.507	-0.039	-0.459	-0.163	-0.401	0.4464	0.499	-0.256	0.6563	1.0362	0.4865
PCHAS_146780	0.1711	0.4944	0.6275	0.5353	0.3173	-0.273	-1.795	-1.204	-0.388	-2.215	-2.007	-1.801
PCHAS_080900	0.2385	0.4518	0.5279	0.5779	0.2082	0.1549	0.0679	-0.588	0.1504	-1.163	-0.706	-1.205
PCHAS_093350	0.1675	0.3498	0.3545	0.159	0.0258	-0.371	-0.868	-0.694	-0.317	-0.961	-1.463	-1.008
PCHAS_131680	-0.037	0.0336	0.6101	-0.157	-0.107	0.1577	0.4875	0.2718	-0.007	0.1113	0.5442	-0.099
PCHAS_114070	1.019	0.4128	0.511	-0.164	-0.098	-0.221	-0.316	0.0499	-0.037	0.0069	-0.22	0.4785
PCHAS_136250	0.1314	-0.336	0.275	0.0691	0.0412	-0.3	-0.99	0.0869	-0.324	-0.609	-0.831	-0.787
PCHAS_113570	-1.493	-0.838	-0.341	-0.236	0.3148	0.1177	0.8343	0.5398	0.1842	0.2832	0.2095	0.1805
PCHAS_080850	-0.913	-0.516	0.2214	-0.406	-0.003	0.1688	0.7518	0.1235	0.1301	-0.674	-0.597	-0.723
PCHAS_110440	0.0679	-0.507	0.1991	0.0226	0.0381	-0.407	0.0785	0.0825	-0.278	-0.275	-0.637	-0.242
PCHAS_121490	-1.023	-2.082	-1.676	-1.131	-0.213	0.4699	0.6863	0.796	0.3728	0.7199	0.7147	0.7234
PCHAS_142960	-0.237	-0.129	-0.147	0.2831	0.2386	0.5323	0.0885	0.1233	0.3343	-0.087	-0.656	-0.147
PCHAS_051650	0.9744	0.1969	0.6857	0.0371	-0.043	-0.727	0.5378	-0.226	-0.436	-0.362	-1.126	-0.27
PCHAS_082680	-1.096	-0.545	-0.619	-9E-04	-0.015	0.3029	0.347	0.6722	0.2402	0.0889	0.1079	-0.174
PCHAS_132090	0.3713	0.3565	0.4659	-0.14	-0.21	-0.414	-0.146	-0.454	-0.639	-0.568	-0.185	-0.489

PCHAS_111140	0.4914	0.5038	0.7246	0.372	0.2709	0.5849	-0.105	-0.334	-0.06	-1.115	-0.159	-0.766
PCHAS_040360	0.4	-0.871	-0.377	-1.205	-0.406	-0.199	-0.067	-0.286	-0.127	0.9801	1.9722	1.3103
PCHAS_110560	-0.054	0.3664	0.5819	0.4101	0.1061	-0.475	-0.39	-0.575	-0.366	-0.703	-0.757	-0.696
PCHAS_101000	-0.711	-0.463	0.0271	0.3391	0.2939	0.1772	0.2727	-0.327	0.1403	-0.575	-0.984	-0.69
PCHAS_092990	0.0047	0.1815	0.2237	0.2599	0.1196	0.4229	0.4306	0.4947	0.3245	-0.405	0.371	0.1288
PCHAS_080450	-1.042	0.5837	0.6395	0.4095	0.0354	0.2992	-0.188	-0.081	0.0329	-0.099	-0.642	0.0294
PCHAS_136190	-0.06	-0.655	-0.631	-0.771	-0.201	0.3302	-0.467	-0.384	0.2401	0.9799	1.0773	0.9808
PCHAS_030340	-0.059	-0.578	0.2439	-0.489	0.0986	0.1344	1.3735	0.9812	-0.193	0.279	0.7033	0.0419
PCHAS_081140	0.0284	0.3976	0.3245	0.0587	-0.131	-0.348	-0.487	-0.628	-0.204	-1.449	-0.65	-1.146
PCHAS_112910	-0.037	0.3423	0.2169	0.1491	0.1179	0.1313	-0.02	0.0409	-0.028	-0.538	-0.141	-0.24
PCHAS_060410	-0.63	-0.216	-0.234	0.2589	0.0922	0.5693	0.6014	0.6256	0.5317	0.1951	-0.107	0.324
PCHAS_083630	0.9723	0.1086	0.5984	-0.013	0.0373	-0.432	0.2266	-0.225	-0.113	-1.543	-0.553	-0.78
PCHAS_144440	-0.199	-1.166	-0.694	-0.711	-0.268	-0.044	-0.328	-0.035	-0.178	-0.041	0.4778	0.2139
PCHAS_080240	-0.214	-0.554	-0.3	-0.479	-0.212	0.0237	0.2559	0.4735	-0.008	0.2665	0.0141	-0.032
PCHAS_071140	0.3423	0.3311	0.6976	-0.041	-0.087	-0.248	-0.247	0.1578	-0.368	-0.296	0.2279	-0.241
PCHAS_021000	-0.72	-0.128	0.0957	0.0015	-0.097	0.1001	0.4466	0.3153	0.0744	0.0995	0.1157	0.2406
PCHAS_020430	1.0822	0.2995	0.2876	0.0336	0.1804	-0.083	0.1757	0.2786	-0.131	0.4367	0.053	0.5293
PCHAS_143060	-0.349	-1.14	-0.526	-0.319	0.0477	0.1405	0.9332	0.7761	0.0166	0.5849	0.9177	0.6502
PCHAS_021270	0.1459	0.1423	0.4219	0.1764	0.092	-0.077	0.6886	-0.057	0.0032	-0.704	-0.323	-0.686
PCHAS_136110	-1.02	-0.384	-0.03	0.1433	0.0513	0.1029	0.2193	0.4565	0.1382	-0.072	-0.1	-0.077
PCHAS_103180	0.7095	0.5609	0.0403	0.0601	-0.136	-0.476	-0.069	-1.01	-0.331	-1.799	-1.44	-1.282
PCHAS_113100	-0.073	1.0588	0.4316	0.0357	0.1082	0.0358	0.2717	0.2566	0.1173	-0.113	-0.821	-0.207
PCHAS_133710	0.8358	0.3525	0.2369	-0.11	-0.247	-0.705	0.4425	-0.485	-0.701	-0.982	0.1728	-0.71
PCHAS_101690	0.2097	0.4715	0.006	0.6571	0.3299	0.0518	-0.224	-0.643	-0.084	-0.146	0.4161	-0.075
PCHAS_092690	-1.52	-2.711	-2.623	-3.076	-0.567	0.5383	0.5722	1.257	0.5356	1.2923	0.7081	1.139
PCHAS_133660	0.5513	0.4266	0.2256	0.317	0.1775	-0.164	-0.474	-0.648	-0.155	-1.308	-0.968	-1.109
PCHAS_143740	0.1914	0.0375	0.527	0.1891	0.1242	0.1537	-0.15	0.3207	0.0377	-0.166	-0.159	-0.115
PCHAS_060540	-0.585	-0.359	-0.161	0.2609	0.1818	0.0335	0.5757	0.5727	0.1621	0.5141	0.8203	0.5232
PCHAS_010400	0.2742	0.3451	0.3729	0.5273	0.1851	-0.385	-1.415	-1.194	-0.367	-1.558	-2.096	-1.517
PCHAS_093290	0.9935	0.4107	0.402	0.2347	0.1083	-0.597	-0.94	-1.165	-0.645	-1.822	-0.781	-1.286
PCHAS_113610	-0.109	0.2026	0.6461	0.1403	0.3029	0.1402	0.4252	0.4609	0.0297	-0.376	-0.094	-0.405
PCHAS_145750	0.9478	0.3405	0.5973	0.2225	0.1239	-0.305	-0.35	-0.632	-0.283	-1.372	-0.611	-0.844
PCHAS_111540	0.2702	0.7577	0.3611	-0.142	0.2696	-0.135	0.1624	-0.003	-0.159	0.1427	0.1057	0.0276
PCHAS_103720	0.2165	0.0979	-0.004	0.1277	-0.079	-0.093	0.1227	-0.267	-0.145	-0.268	-0.047	-0.18
PCHAS_143850	0.3009	-0.557	-0.117	-0.023	-0.253	0.0192	-0.227	0.1577	0.403	1.878	1.6525	1.526
PCHAS_000730	0.7807	0.4146	0.8529	0.6907	0.0604	0.5516	2.2129	0.5686	0.3856	0.6795	0.4444	0.2742
PCHAS_021170	-0.064	-1.494	-2.99	0.1171	-1.7	1.0318	1.1997	-0.62	0.6563	-0.54	0.0182	-0.264
PCHAS_080780	-0.324	0.224	0.0264	0.5473	0.4402	0.1518	0.0958	-0.092	0.1812	-0.182	-0.624	-0.196
PCHAS_113070	1.2752	0.6408	0.6304	0.0701	0.0408	-0.434	0.6588	-0.35	-0.041	-0.44	0.4866	-0.454
PCHAS_010640	0.2521	-0.293	0.0527	0.5148	0.3274	0.086	0.32	0.4742	0.1348	-0.022	-0.234	0.0601
PCHAS_131490	0.0512	0.1299	-0.182	0.2114	-0.478	0.1656	0.1493	-0.164	0.1858	-0.007	0.0519	-0.217
PCHAS_135060	0.5376	0.2363	0.6894	0.991	0.0274	0.7832	-0.039	0.6095	0.675	-0.089	1.2724	-0.026
PCHAS_052350	-0.647	-0.073	-0.216	0.0016	0.141	0.1264	0.9763	0.4702	0.169	-0.353	0.0053	-0.463
PCHAS_010710	-0.681	-0.08	0.0839	0.8827	0.3365	0.3107	-0.145	0.0058	0.2759	-0.613	-0.883	-0.508
PCHAS_101290	0.7095	0.1373	0.1092	-0.057	-0.202	-0.211	-0.47	0.0697	-0.182	-0.533	-0.722	-0.161
PCHAS_144080	0.346	0.2257	0.3591	0.2327	-0.126	0.5247	0.2544	-0.019	0.4356	-0.642	0.2061	-0.387
PCHAS_121140	-1.293	-0.74	-0.315	-0.167	0.0669	0.0715	0.4366	0.2458	0.2467	0.3523	0.1189	0.3713
PCHAS_041230	-0.987	-0.497	-0.24	-0.126	0.057	0.1909	0.7691	0.6387	0.316	0.7542	0.4308	0.1982
PCHAS_141260	-0.402	0.4861	1.0218	0.0651	0.2037	-0.601	1.9231	0.0272	-0.359	0.2419	-0.117	-0.268
PCHAS_052450	-1.656	-1.887	-1.088	-2.088	-0.187	0.3922	1.2352	0.9589	0.3753	0.3139	0.028	-0.427

PCHAS_102710	-0.185	0.7508	0.4203	-0.187	0.3638	-0.114	0.1707	0.2404	-0.315	-1.069	0.1326	0.0547
PCHAS_092830	0.1904	0.3363	0.3029	0.2684	0.0912	-0.451	0.1945	0.2169	-0.31	-0.412	-0.668	-0.257
PCHAS_130620	-0.043	0.63	0.4238	0.5333	0.0342	-0.271	-0.889	-0.856	-0.33	-1.51	-1.439	-1.274
PCHAS_103310	0.66	0.551	0.5049	0.035	0.079	-0.469	-0.111	-1.27	-0.485	-1.336	-0.646	-0.786
PCHAS_141120	0.657	0.9986	0.5705	0.3883	0.1582	0.2382	-0.46	-0.685	-0.217	-1.591	-0.547	-0.993
PCHAS_143400	0.3609	0.1029	0.4748	-0.08	0.1238	-0.171	0.4368	0.2561	-0.29	-0.163	0.2082	-0.064
PCHAS_110700	0.373	0.0951	0.361	0.3767	-0.148	0.5821	-1.32	-0.48	-0.298	-0.451	-0.151	-0.588
PCHAS_111830	0.128	-0.079	0.6887	0.1708	0.2478	-0.164	-0.212	-0.589	-0.278	-0.695	-0.889	-0.435
PCHAS_141130	0.393	0.1676	0.7687	0.0755	0.1372	0.2076	0.4455	-0.166	-0.174	-1.14	-0.071	-1.058
PCHAS_124290	0.0548	0.1565	-0.042	-8E-04	0.0701	-0.165	-0.091	-0.029	-0.212	-0.256	-0.143	0.0368
PCHAS_141190	-1.072	-0.633	-0.574	-0.291	0.035	0.3149	0.6584	0.6973	0.3383	0.2529	0.0158	0.039
PCHAS_110830	0.2289	-0.04	0.7716	-0.138	0.1671	0.1808	0.9392	0.233	0.0965	0.1162	0.7514	-0.255
PCHAS_050980	0.07	0.1209	-0.014	0.0777	0.1175	0.0957	-0.089	0.439	0.1284	0.2352	0.2185	0.3365
PCHAS_141470	-1.22	0.2671	0.0315	-0.52	0.1566	0.1273	-1.012	0.5638	0.2994	0.8674	0.7491	0.1409
PCHAS_092350	-0.678	-0.672	-0.338	-0.229	0.0654	0.3603	1.1241	0.6029	0.2682	0.0506	0.3255	-0.169
PCHAS_080720	-0.5	-0.993	-0.106	0.3163	0.1921	0.3562	1.2894	0.0557	0.246	-0.175	-0.512	-0.148
PCHAS_142800	0.2705	-0.149	0.3215	0.2226	0.1584	-0.05	-1.021	-0.532	-0.205	-0.733	-1.146	-0.621
PCHAS_092420	-0.064	0.2756	0.6719	0.18	0.2105	0.8216	0.2822	0.7132	0.3131	-0.105	0.2982	-0.189
PCHAS_080680	-0.775	-0.123	-0.065	0.1357	0.2825	-0.097	-0.279	-0.074	-0.027	-1.474	-0.181	-0.907
PCHAS_110010	0.2363	-0.17	0.233	0.0269	0.0228	0.0603	-0.233	0.0083	0.0212	0.9001	1.2512	0.9748
PCHAS_130640	0.7608	0.2051	0.214	0.2579	-0.233	-0.193	-1.071	-0.793	-0.394	-0.79	-1.25	-0.897
PCHAS_112490	1.3377	0.0525	0.7861	-0.061	0.2717	-0.328	1.1708	0.6275	-0.335	0.1203	0.6492	-0.416
PCHAS_082800	-0.191	0.2929	0.3824	0.1022	0.009	0.1785	0.0079	0.094	-0.032	0.0377	0.3002	0.0392
PCHAS_135340	0.0874	-0.785	-0.665	-0.7	-0.145	0.3907	0.3667	0.8224	0.4268	1.0653	0.4331	0.5951
PCHAS_121550	0.2668	0.0888	0.2315	0.2563	0.2551	0.1972	-0.283	-0.099	0.1832	-0.553	-0.636	-0.56
PCHAS_146270	-0.988	0.2284	0.3088	0.2138	0.05	0.1008	-0.336	-0.408	-0.055	-1.481	-0.743	-1.194
PCHAS_060890	-0.878	-0.462	-0.054	-0.104	0.2932	0.0812	0.3883	0.645	0.0325	-0.134	0.3618	-0.255
PCHAS_083450	-0.539	0.2487	0.0624	0.4794	0.4261	0.3773	0.6571	-0.693	0.0548	-0.484	-0.325	-0.436
PCHAS_142640	0.3548	-0.032	0.1146	-0.021	-0.057	-0.217	-0.373	-0.163	-0.311	-1.02	-0.535	-0.798
PCHAS_052400	0.1656	-1.542	-1.333	-1.741	-0.531	-0.03	-0.234	-0.802	0.0385	1.9808	2.2776	1.5837
PCHAS_010430	-0.228	-0.486	-0.009	-0.092	0.1678	-0.145	0.896	0.4922	-0.122	-0.138	0.2748	-0.404
PCHAS_071710	-0.093	-0.105	-0.114	-0.146	0.0024	-0.042	0.9457	0.2216	-0.095	-0.005	0.6426	0.0201
PCHAS_083560	0.6345	1.2606	0.6132	-0.101	-0.716	-0.393	-0.449	-0.287	-0.789	-0.582	-0.145	-0.238
PCHAS_041310	0.467	0.1659	0.0996	-0.181	-0.131	-0.208	0.0602	-0.004	-0.304	0.2108	0.4387	0.0883
PCHAS_135980	-0.645	0.1398	-0.938	0.3128	-0.263	0.6028	0.4717	0.4215	0.8548	0.5177	0.3489	0.3096
PCHAS_050180	-0.392	-1.1	-0.525	-0.833	-0.146	0.0707	1.3401	0.7943	-0.083	0.4725	0.2144	0.2756
PCHAS_102810	-0.502	0.4599	1.0039	0.1865	0.0562	0.1896	0.3788	0.0056	-0.083	0.0248	0.5126	-0.326
PCHAS_101100	0.0217	0.0337	-0.726	0.0426	0.0623	-0.107	0.8033	0.0348	-0.277	-0.5	0.2561	-0.251
PCHAS_061080	0.5283	0.1457	0.7194	0.0561	0.3434	-0.407	0.55	-0.408	-0.336	-1.21	-0.103	-0.883
PCHAS_132190	-0.062	-0.526	0.1392	-0.575	0.1412	-0.942	-0.265	0.775	0.2532	0.5327	1.2937	0.4994
PCHAS_135040	0.5785	0.4179	0.3929	0.2402	0.0356	-0.055	-0.673	-0.935	-0.304	-0.755	-0.021	-0.143
PCHAS_051780	-0.895	-0.579	-0.42	-0.338	0.0967	0.0955	0.7948	0.6708	0.06	0.2923	0.3073	-0.175
PCHAS_011140	-0.373	-0.192	0.595	0.6291	-0.018	0.845	-0.503	0.2293	0.3406	0.2444	0.3875	0.4087
PCHAS_114680	0.9696	0.3804	-0.339	-0.142	-0.614	-0.408	-0.488	-0.268	-0.478	0.2046	1.2818	0.2631
PCHAS_103700	-0.256	0.4635	0.5452	0.2665	0.1419	0.6039	0.4326	0.3341	0.0631	-0.307	0.5843	-0.104
PCHAS_071320	-0.464	0.2903	0.2696	0.0198	0.1777	0.1293	0.2529	-0.277	-0.005	0.3097	0.4967	-0.03
PCHAS_092870	0.1074	0.5734	0.3861	0.0791	0.0091	-0.508	-0.527	-0.241	-0.283	-0.297	-0.908	-0.258
PCHAS_121960	-0.702	-0.136	0.1234	0.1707	0.2676	-0.055	0.0757	0.4155	-0.037	-0.146	-0.162	-0.31
PCHAS_040140	-0.123	0.4645	0.4942	0.352	0.2276	-0.143	-0.077	-0.296	-0.303	-1.304	-0.752	-0.537
PCHAS_030010	1.1275	0.4669	0.1728	0.0988	-0.384	-0.454	-0.459	-0.411	-0.384	-0.129	-0.326	-0.076

PCHAS_102830	0.5155	0.5638	0.6154	0.0682	0.1194	0.8657	0.2075	0.1496	0.0314	-0.149	0.6976	-0.06
PCHAS_131020	-0.376	-0.649	-0.843	-0.529	-0.072	0.4834	0.3561	0.4075	0.4859	0.6134	-0.025	0.8251
PCHAS_123560	0.6885	0.1328	0.4649	0.4885	0.131	-0.189	0.6669	-0.294	-0.151	-1.333	-1.756	-0.704
PCHAS_091930	0.8454	-1.208	-0.241	-0.546	-0.072	-0.515	1.165	0.2733	-0.151	0.4185	0.7388	0.3556
PCHAS_081870	-0.314	-0.147	0.5106	0.1638	-0.079	0.1598	-0.041	-0.105	-0.156	-0.662	-0.014	-0.205
PCHAS_130790	-0.146	-0.265	-0.236	-0.41	-0.176	-0.257	0.6159	0.5699	-0.254	0.1569	0.3689	0.0257
PCHAS_132460	0.8636	0.0617	0.5756	0.0144	0.1754	-0.26	0.4127	-0.36	-0.351	-0.795	-0.082	-0.733
PCHAS_141320	-0.259	-0.171	0.0321	0.525	0.3168	0.237	-0.748	-0.319	0.1594	-0.864	-1.61	-1.257
PCHAS_083080	-0.762	-0.234	0.6485	-0.305	-0.167	-0.562	-0.096	-0.065	-0.242	0.7945	0.5443	0.4436
PCHAS_011110	0.2118	-0.094	-0.321	-0.391	0.118	-0.045	-0.55	-0.401	-0.081	0.7177	0.9873	0.4688
PCHAS_100320	-0.334	0.3381	0.1423	0.0114	0.0216	-0.17	-0.301	-0.363	-0.126	-0.201	-0.347	-0.493
PCHAS_140650	-0.722	-0.383	0.2302	0.0424	0.3137	0.2202	0.4194	0.3976	0.1277	0.1165	0.3595	-0.089
PCHAS_112650	0.3482	-0.136	-0.084	-0.887	-0.348	-0.294	-0.299	-0.258	-0.502	0.7002	1.0578	0.6892
PCHAS_134410	0.6247	0.3217	0.7038	0.3432	0.1329	0.047	0.0516	-0.103	-0.129	0.0164	-0.364	-0.035
PCHAS_114360	-0.201	-0.305	-1.598	0.4635	-0.556	0.6895	0.7346	-0.625	0.6468	-0.038	-0.457	0.2481
PCHAS_120830	0.7596	0.2598	0.495	0.2618	0.0136	-0.104	0.4178	0.0527	-0.129	-0.533	-0.425	-0.44
PCHAS_072150	0.4981	0.1789	0.293	-0.287	-0.059	-0.418	0.1752	0.0012	-0.304	-0.343	0.9891	-0.142
PCHAS_010210	0.612	0.5004	0.1354	0.4958	-0.134	0.4951	0.328	0.3495	0.2021	-0.118	-0.282	-0.184
PCHAS_030530	-0.244	-0.238	0.0868	-0.112	-0.156	-0.394	0.1969	0.2191	-0.48	-0.763	0.1163	-0.618
PCHAS_070510	-0.173	-0.14	0.002	0.068	0.2253	0.0022	0.4776	-0.023	0.1013	-0.724	-0.823	-0.722
PCHAS_136000	0.0979	0.4543	0.5737	0.38	0.2029	-0.105	-0.658	-0.386	0.0059	-1.062	-0.321	-0.835
PCHAS_061230	-0.401	-0.571	-0.357	-0.368	-0.27	-0.182	-0.036	0.708	-0.032	1.1235	1.1126	0.9531
PCHAS_103580	0.347	0.364	-0.382	0.2004	0.0617	0.1454	0.2174	0.1765	-0.252	0.3312	-0.269	0.595
PCHAS_121580	0.2779	0.044	0.0591	-0.399	-0.028	-0.058	-0.132	-0.167	-0.127	0.9825	2.1611	0.7628
PCHAS_143260	-0.222	-0.311	-0.606	-0.379	-0.083	0.1299	0.585	0.2183	0.1532	0.6285	0.6144	0.4132
PCHAS_082180	-0.193	0.0934	-0.077	-0.072	0.1744	-0.224	-0.142	-0.491	-0.488	-0.422	-0.524	-0.213
PCHAS_132610	0.7383	0.2838	0.6441	0.5419	0.3407	-0.193	-0.168	-0.626	-0.135	-1.069	-0.546	-0.519
PCHAS_050450	0.4864	0.0521	0.4257	0.2296	0.2701	-0.18	0.7161	-0.34	-0.301	-0.856	-0.198	-0.769
PCHAS_131580	-0.816	0.5962	0.9225	0.2312	0.3681	-0.177	-0.2	0.2303	0.1274	-0.167	-0.056	-0.481
PCHAS_100940	0.4265	-0.001	-0.075	-0.104	0.0051	0.1093	-0.111	0.048	0.1481	0.0725	-0.302	0.4941
PCHAS_052380	0.0237	-1.757	0.4808	0.0601	0.2384	0.0279	-0.961	0.2753	0.1245	-0.018	0.8354	-0.311
PCHAS_072850	0.7684	0.3447	0.5246	0.1558	0.033	-0.198	-0.291	-0.208	-0.266	-0.174	-0.541	-0.066
PCHAS_113060	0.2533	-0.037	0.3328	0.0834	0.1538	-0.439	0.5731	0.2704	-0.225	-0.552	-0.464	-0.765
PCHAS_130750	0.9608	-0.167	-0.8	-0.002	-0.51	0.2994	0.0799	0.1818	0.2061	0.5353	0.2349	0.4849
PCHAS_083570	-0.637	-0.316	0.2108	0.4347	0.4664	0.3841	0.1304	0.4117	0.439	0.0689	-0.638	0.0718
PCHAS_041210	-0.288	0.879	0.8974	0.7519	0.449	0.4131	-0.25	-0.207	0.2466	-1.367	-1.532	-1.111
PCHAS_110810	-0.493	-0.002	0.2383	0.0637	0.3833	-0.172	0.6224	0.3524	-0.168	-0.355	-0.168	-0.283
PCHAS_114350	-1.43	-0.726	-0.532	-0.311	-0.21	0.0616	0.1462	0.5333	0.135	-0.121	-0.024	-0.512
PCHAS_050710	-0.186	0.5267	0.2032	0.4933	0.2268	-0.072	0.133	-0.144	0.044	-1.164	-1.058	-0.521
PCHAS_083050	-0.772	-1.021	-0.694	-1.038	-0.062	0.0959	0.6591	0.1914	0.156	0.3892	-0.195	0.122
PCHAS_130840	-0.093	-0.046	0.0625	0.0275	-0.057	-0.04	-0.578	-0.69	-0.176	-0.04	-0.091	0.1524
PCHAS_113130	0.5544	0.3524	0.4395	-0.007	0.1652	-0.581	0.0562	-0.223	-0.363	-0.638	-0.459	-0.494
PCHAS_136390	-0.059	0.3865	0.2845	0.462	0.1628	-0.105	-0.538	-0.41	-0.096	-0.895	-1.181	-0.718
PCHAS_120660	0.4936	0.6598	0.0075	0.1492	0.1653	-0.263	0.0928	-0.033	-0.345	-0.153	-1.36	-0.06
PCHAS_141440	0.9805	0.2268	0.423	-0.06	0.133	-0.414	0.9025	0.0738	-0.128	-1.606	0.0415	-0.989
PCHAS_091440	0.1479	0.4865	0.5334	0.1583	-0.099	-0.297	-0.628	-0.99	-0.258	-0.864	0.0186	-0.611
PCHAS_114390	-0.453	-0.28	0.4985	0.3974	0.073	-0.22	-0.357	-0.065	-0.253	-0.306	-0.541	-0.251
PCHAS_030580	-1.078	-0.551	-0.297	-0.15	0.2027	0.1728	0.3859	0.1964	0.1562	-0.358	-0.499	-0.559
PCHAS_020780	-0.658	0.1047	0.3492	0.5099	0.2559	-0.04	0.0796	-0.184	-0.014	-0.849	-0.985	-0.559
PCHAS_102590	0.4504	0.147	0.2865	0.1314	0.0302	0.2952	-0.417	-0.035	0.2509	-0.015	-0.799	-0.073

PCHAS_122300	-0.727	-0.337	-0.197	-0.224	-0.089	0.0619	0.3902	0.5926	0.0831	0.1142	0.1798	-0.066
PCHAS_020530	1.1683	0.3684	0.4323	-0.038	0.0681	-0.345	0.2238	-0.426	-0.315	-0.996	0.6893	-0.627
PCHAS_031460	-0.431	-1.524	-1.1	-1.212	-0.336	0.1031	0.5168	0.6826	0.1777	1.5171	1.3669	1.1964
PCHAS_083000	0.4022	0.5011	0.0047	-0.531	-0.667	-0.547	-0.393	-0.802	-0.801	-0.23	1.0538	-0.351
PCHAS_070900	-0.228	-0.687	-0.488	-0.424	-0.044	0.6486	-0.503	0.5997	0.6678	1.1889	0.4493	1.1354
PCHAS_091250	-0.401	0.6191	0.4956	0.2182	0.3151	-0.492	0.1511	-0.531	-0.451	-1.051	-0.474	-0.738
PCHAS_040850	-0.184	-0.163	-0.214	-0.112	0.2168	-0.317	0.0279	-0.205	-0.271	-0.971	-0.258	-0.971
PCHAS_050680	0.5145	0.0802	0.0502	-0.448	-0.097	-0.667	0.2643	0.2572	-0.629	0.0699	0.3972	0.0538
PCHAS_041580	1.3989	0.712	0.2322	0.2236	0.09	0.1917	0.412	-0.141	0.2835	-0.327	0.1343	0.3393
PCHAS_070080	1.5434	0.6011	0.3685	-0.293	-0.372	-0.344	-0.452	0.4394	-0.292	0.4466	2.867	0.7762
PCHAS_030730	-0.654	-1.55	-1.702	-1.325	-0.191	0.2851	-0.367	-0.092	0.3084	0.7756	0.903	0.4105
PCHAS_113240	-0.008	-0.418	-0.378	-0.589	-0.182	0.2915	-0.156	-0.444	0.0616	1.3224	1.419	1.1034
PCHAS_000230	1.0454	0.3111	0.2859	-0.188	-0.486	-0.502	-0.607	-0.782	-0.16	-0.444	0.2269	-0.336
PCHAS_031530	0.2012	0.0444	0.4456	0.4595	0.1639	0.6139	-0.098	0.0706	0.473	0.0646	-0.025	0.6817
PCHAS_061190	-0.946	-1.687	-1.788	-1.731	-0.475	0.3683	0.7388	1.0896	0.3612	0.9619	0.899	0.704
PCHAS_123520	0.0554	0.24	0.2155	0.0095	-0.076	-0.256	-0.651	-0.517	-0.309	0.3765	-0.702	-0.752
PCHAS_072740	-0.131	-0.414	-0.113	-0.029	0.0347	0.4359	0.8821	0.9752	0.3857	0.3349	-0.021	0.424
PCHAS_142450	0.322	0.4724	0.6542	0.1258	0.5503	-0.066	0.0545	-0.451	-0.172	-1.212	-0.23	-1.038
PCHAS_100820	-0.758	-0.303	-0.009	-0.082	-0.025	0.1055	0.486	0.4884	-0.153	0.0514	-0.025	-0.094
PCHAS_110840	0.3033	-0.864	-0.461	-0.301	0.1171	0.0707	-0.014	0.5628	0.085	1.0986	-0.271	0.6762
PCHAS_101120	0.6152	0.464	0.2386	0.0679	-0.039	-0.403	-0.723	-0.548	-0.539	-0.592	-0.871	-0.407
PCHAS_124020	0.402	0.3003	0.422	0.1793	-0.006	-0.108	-0.924	-0.264	-0.034	-0.596	-0.658	-0.681
PCHAS_120720	-0.246	-1.301	0.055	-0.355	0.0426	0.1626	0.8004	0.3671	0.189	0.6492	0.7896	0.1378
PCHAS_144560	-0.681	-0.099	0.253	0.0926	0.2007	0.1297	0.1124	0.3526	-0.012	-0.256	-0.253	-0.232
PCHAS_123850	-0.883	-0.708	-0.706	-0.464	-0.167	0.1309	0.6381	0.6464	0.126	0.4925	0.5021	0.2195
PCHAS_141620	0.1741	0.0215	0.289	0.13	-2E-04	-0.322	-0.174	-0.076	-0.485	-0.505	-0.697	-0.437
PCHAS_070410	0.7766	0.3141	0.3461	0.3037	0.0914	0.4229	1.0693	0.2476	0.5283	0.3281	0.1486	-0.023
PCHAS_011430	1.619	0.637	0.1087	-0.249	-0.197	0.795	0.4172	-0.185	0.2178	1.9221	1.8877	2.0054
PCHAS_051370	-0.074	0.8848	0.5317	0.6212	0.1338	-0.539	-1.063	-1.134	-0.54	-1.178	-1.343	-1.126
PCHAS_113430	0.3384	0.119	0.2986	0.2188	0.2065	-0.097	0.3938	-0.47	-0.156	-1.548	-0.701	-0.788
PCHAS_052390	0.6004	-0.589	-0.589	-0.88	0.0833	0.3577	-0.152	-0.509	0.4715	1.3861	1.3423	0.8408
PCHAS_100230	0.1678	-0.077	-0.188	-0.155	-0.014	-0.128	0.1374	-0.135	-0.201	-0.16	-0.572	-0.137
PCHAS_131190	-0.138	-0.061	0.4834	0.0736	0.1816	0.102	0.6798	0.2184	-0.005	-1.218	0.0924	-1.143
PCHAS_092230	0.224	0.1283	0.2125	-0.064	-0.194	-0.265	0.1869	-0.025	-0.112	-0.29	-0.04	-0.406
PCHAS_132470	0.1066	0.4457	0.3361	0.4232	-0.011	-0.062	-0.863	-0.768	-0.205	-0.672	-0.911	-0.326
PCHAS_062200	-1.034	-0.658	-0.064	-0.001	0.1198	-0.049	0.6392	0.8399	0.2707	0.0567	0.412	0.6336
PCHAS_062090	-0.182	-0.171	0.2013	0.2149	0.1193	0.0922	0.5333	0.4047	-0.01	0.1601	-0.122	0.9071
PCHAS_103710	0.2744	0.1054	-0.156	0.2784	-0.287	-0.265	-0.358	-0.206	-0.244	-0.434	0.2012	-0.056
PCHAS_103590	1.0527	0.3455	-0.248	0.1749	-0.002	-0.417	-0.342	-0.583	-0.493	-0.641	0.5539	-0.288
PCHAS_092190	-0.992	-1.628	-1.032	-1.831	-0.372	0.4014	1.1011	0.9903	0.4557	0.9512	0.3813	0.6696
PCHAS_100190	0.6401	0.4784	0.3465	0.0592	-0.107	-0.084	-0.397	-0.062	-0.098	0.1745	-0.307	0.0315
PCHAS_060600	-0.295	-0.113	-0.076	-0.529	-0.256	-0.029	-0.056	-0.191	-0.066	0.1663	0.4305	0.5149
PCHAS_050390	0.1819	-0.372	0.5732	0.1758	0.2905	0.2797	0.7387	0.1429	0.2437	0.2705	0.1755	0.044
PCHAS_050260	0.0044	-0.221	-0.013	-0.014	-0.002	0.1698	-0.019	-0.322	0.2017	0.3423	1.0254	0.4947
PCHAS_030870	-0.345	-0.031	0.1588	0.2271	0.1685	0.3226	0.0642	-0.054	-0.064	-0.746	-0.318	-0.743
PCHAS_144910	-1.84	-1.614	-1.476	-0.328	-0.022	0.4118	0.5915	0.6879	0.4366	-0.627	-0.381	-0.728
PCHAS_061690	-0.138	-0.404	-0.573	-0.801	-0.194	0.8225	0.139	0.3312	0.5837	0.5386	0.3904	1.2709
PCHAS_093520	-1.101	-0.447	-0.104	-0.515	-0.181	0.0308	0.3619	0.3319	0.1903	0.0929	-0.169	-0.044
PCHAS_041820	0.0755	0.1547	0.1908	0.3383	0.0684	0.0695	-0.605	-0.621	0.0523	-1.194	-1.181	-1.3
PCHAS_040570	-0.927	-0.462	-0.266	-0.383	0.0047	0.2026	0.1868	0.3803	0.2638	0.1757	-0.101	0.1473

PCHAS_042000	-0.114	0.4166	0.2274	0.0987	-0.097	-0.482	-1.154	-0.691	-0.57	-0.728	-1.376	-1.056
PCHAS_131010	-0.425	0.0647	0.0589	0.2004	0.1166	0.429	0.1809	-0.1	0.3634	0.5498	-0.291	0.4069
PCHAS_110430	0.0167	0.4044	0.3123	0.2808	0.1284	0.0683	0.0288	-0.154	0.0557	-0.494	-0.776	-0.288
PCHAS_140210	0.4944	0.4759	0.1708	0.3016	-0.142	0.1922	0.1305	0.4633	-0.617	0.7408	1.1467	0.6067
PCHAS_103960	-0.622	0.8775	0.4675	0.0121	0.4802	0.6119	0.5417	0.0831	0.4754	-0.583	-0.997	-0.729
PCHAS_124170	-0.04	0.4121	0.3506	0.2113	-0.006	0.0787	-0.106	-0.126	0.1599	-0.231	-0.017	-0.214
PCHAS_122060	-0.452	-0.425	-0.117	0.0505	0.084	0.4507	0.6687	0.7083	0.4433	1.3508	0.7508	1.1083
PCHAS_091510	-0.735	-0.173	0.3739	0.2066	0.0448	0.4169	0.6622	-0.358	0.1883	-1.183	-0.746	-0.71
PCHAS_081020	-0.392	0.663	0.1739	-0.705	-0.395	-0.262	-0.159	-0.379	-0.317	0.3817	1.294	0.407
PCHAS_144370	0.1434	0.1513	0.0462	-0.298	-0.332	-0.411	-0.544	-0.265	-0.416	0.1722	0.2181	0.2622
PCHAS_020440	-0.307	-0.276	0.5725	0.0347	0.2561	-0.339	0.8225	-0.034	-0.043	-0.059	0.2808	-0.145
PCHAS_132450	-0.252	-1.091	-0.401	-0.723	-0.137	0.0929	1.4698	0.6832	0.1168	0.2854	0.6023	0.1073
PCHAS_093150	0.3286	-0.253	-0.352	-0.283	-0.064	-0.087	0.3004	0.3067	-0.386	0.0762	1.0782	0.2524
PCHAS_111530	-0.337	-1.166	-1.059	-0.922	-0.81	0.0887	0.2779	0.6505	-0.057	0.671	0.6859	0.6352
PCHAS_110290	0.2605	0.0387	0.023	0.1499	0.06	-0.212	0.054	-0.267	-0.304	-0.582	-0.615	-0.242
PCHAS_092220	-0.204	0.4895	0.2352	0.4674	0.1624	0.5422	0.2592	0.213	0.3329	-0.301	-0.335	-0.309
PCHAS_121440	0.0812	0.4302	0.4069	0.4273	0.1726	-0.325	-0.433	-0.345	-0.302	-0.76	-0.038	-0.599
PCHAS_020740	0.5217	-0.269	-0.359	-0.644	-0.181	0.7167	-0.371	-0.454	0.3941	1.328	1.7975	0.9507
PCHAS_133340	-0.07	0.0739	0.16	-0.115	-0.167	-0.333	-0.026	0.0234	-0.303	-0.302	0.2802	-0.186
PCHAS_031740	0.698	0.6427	0.3156	0.471	0.0937	0.1252	-0.55	-0.883	-0.224	-1.512	-1.342	-1.169
PCHAS_090790	0.0844	0.1367	0.0371	0.5211	0.0731	-0.018	-0.386	-0.258	0.0615	-0.257	-0.769	-0.252
PCHAS_072790	-0.282	-0.327	-0.494	-0.754	-0.289	-0.071	0.0579	0.2287	-0.044	0.6387	0.9149	0.5908
PCHAS_133580	-0.032	-0.174	0.0607	-0.211	-0.052	-0.01	-0.155	0.4018	-0.037	0.6917	0.2764	0.3722
PCHAS_061840	-0.873	0.2344	0.541	-0.034	0.127	-0.265	0.4637	0.1242	0.1545	-1.042	-0.754	-0.045
PCHAS_131100	0.0354	0.0037	0.202	0.4401	0.2099	-0.016	0.3213	0.2163	0.0447	-0.139	-0.075	-0.079
PCHAS_070750	0.5806	0.3647	0.526	0.114	-0.195	-0.05	-0.098	-0.072	-0.006	0.1671	0.3249	-0.281
PCHAS_040610	-0.116	0.0776	0.0857	0.1955	0.2818	0.1936	0.3327	0.0101	0.1516	-1	-0.488	-0.312
PCHAS_040390	0.1096	0.0775	0.3395	0.2716	0.1164	-0.154	-0.098	0.189	-0.12	-0.072	-0.013	-0.167
PCHAS_081800	0.6074	0.3086	0.3882	-0.963	-0.653	-0.686	-0.119	-0.418	-0.857	-0.025	0.2713	0.08
PCHAS_050140	-0.376	-0.865	-0.374	0.3622	0.0134	1.7009	1.9642	1.0815	1.0254	0.4835	0.1548	0.1161
PCHAS_130180	0.144	-0.099	-0.546	-1.302	-0.849	-0.347	-1.242	-0.026	-0.271	1.379	2.551	1.5141
PCHAS_071980	-0.049	0.2698	0.783	0.4162	0.2781	0.0696	0.6633	-0.182	0.0429	-0.993	-0.665	-0.735
PCHAS_144400	0.0057	-0.739	-1.126	0.0589	-0.147	0.7992	0.58	0.0913	0.6699	0.7304	0.7673	0.5591
PCHAS_082280	0.477	0.3009	0.3334	0.246	0.3216	-0.049	-0.304	-0.166	0.0654	-0.1	0.6374	0.3772
PCHAS_135320	-0.911	-0.391	-0.486	0.2495	0.1372	0.0665	-0.009	0.4949	0.0802	0.2286	-0.031	0.2149
PCHAS_137080	0.45	1.1931	0.7063	-0.026	-0.284	-0.06	0.81	0.5797	-0.094	0.7461	1.3727	0.4133
PCHAS_135410	0.4998	0.2164	0.1412	-0.278	-0.168	-0.434	0.261	0.1806	-0.475	0.4066	0.549	0.2727
PCHAS_020970	2.15	0.4189	0.3953	0.19	-1.358	-0.456	0.1864	0.1223	-0.4	-0.262	0.2476	-0.515
PCHAS_131370	-1.003	-1.63	-1.36	-0.878	-0.369	0.4252	0.4756	0.4276	0.4609	1.2328	0.9906	1.2171
PCHAS_134850	0.1014	0.1023	0.5046	0.0667	0.2989	-0.324	0.3518	-0.314	-0.356	-1.268	-0.296	-0.995
PCHAS_051700	0.6939	0.2171	0.1227	0.1013	-0.087	-0.64	-1.066	-0.947	-0.792	-0.603	-0.512	-0.176
PCHAS_060520	-0.785	0.4003	0.4375	-0.046	0.1758	-0.244	0.144	0.4419	-0.097	0.2808	0.1589	0.0608
PCHAS_111590	0.0773	-0.013	0.133	-0.193	-0.106	-0.205	0.4259	0.1377	-0.24	-0.305	-0.396	-0.4
PCHAS_114230	-0.503	-0.022	-0.027	0.4466	0.4352	0.1018	-0.082	-0.38	0.1966	-1.365	-1.505	-0.93
PCHAS_131290	0.3088	-0.234	-0.033	-0.225	0.0652	-0.391	-0.305	-0.458	-0.21	-0.093	0.0654	0.1138
PCHAS_093710	0.1716	0.4414	0.9048	-0.337	-0.073	-0.111	0.0333	-0.603	-0.292	-0.571	1.1621	0.239
PCHAS_010200	-0.102	-1E-04	0.105	0.2882	0.1764	-0.004	0.5237	0.394	0.1159	0.091	0.1356	-0.462
PCHAS_132280	-0.518	-0.144	0.2396	0.1533	0.1724	-0.282	0.4882	0.0932	-0.106	-0.057	-0.263	0.1629
PCHAS_100350	0.5222	-0.638	-0.805	-0.084	-0.345	0.3144	0.5437	0.3398	0.0899	0.7896	1.1657	0.5505
PCHAS_051250	0.9833	0.4884	0.5325	0.4668	-0.029	-0.551	-0.174	-0.334	-0.276	-1.469	-0.675	-0.705

PCHAS_031100	-0.544	-0.596	-0.029	-0.205	-0.15	-0.065	0.8101	0.72	-0.005	0.8853	1.1039	0.8184
PCHAS_092250	0.6486	0.4886	0.4777	0.2126	-0.003	-0.458	-0.338	-0.797	-0.374	-1.567	-0.355	-0.732
PCHAS_102840	0.1314	-0.231	0.1008	-0.142	-0.065	0.141	0.4334	-0.107	-0.022	0.0876	-0.521	0.2131
PCHAS_031200	-0.386	-0.075	-0.074	0.1674	0.2154	-0.348	-0.405	-0.506	-0.641	-0.091	0.2129	-0.096
PCHAS_020650	-0.126	0.2639	0.4244	0.4343	0.1627	0.0217	-0.343	-0.912	-0.182	-2.117	-0.939	-1.112
PCHAS_072580	0.1439	0.529	0.4172	0.6848	0.3733	0.7959	0.1289	-0.325	0.6303	-0.882	-0.62	-0.511
PCHAS_130430	0.0377	0.3305	0.3221	0.3795	0.1371	-0.043	-0.038	-0.46	-0.186	-1.324	-1.065	-0.635
PCHAS_131960	0.4652	0.4249	0.8675	0.2079	-0.094	-0.195	-0.279	-0.294	-0.219	-0.336	-0.223	-0.494
PCHAS_020580	0.3317	0.2527	0.9262	0.1769	-0.038	0.0863	0.1553	0.1388	-0.014	-0.188	0.1064	-0.204
PCHAS_123070	1.488	0.109	0.8426	0.0378	-0.023	0.2621	-0.114	0.0754	0.1241	0.6052	0.1469	0.0096
PCHAS_080950	-0.152	0.0734	0.4098	0.1516	-0.074	0.2858	-0.473	0.6067	0.0579	0.9061	1.1155	0.523
PCHAS_111170	-0.499	0.2832	0.3688	0.3344	0.1155	0.4992	1.1242	0.5094	0.3084	-0.126	0.1324	-0.386
PCHAS_142510	-0.127	0.1864	-0.367	0.017	-0.053	-0.051	0.0148	-0.334	-0.12	-0.468	-0.547	-0.538
PCHAS_141700	0.1293	-0.123	0.5911	0.0646	-0.041	-0.544	0.0736	0.4553	-0.259	0.2027	-0.075	0.4479
PCHAS_092330	0.8174	0.5466	0.4877	0.1188	0.1376	0.4795	0.1581	-0.214	0.0661	-0.936	-0.221	-0.527
PCHAS_020630	0.1379	-0.374	0.0196	-0.21	-0.333	-0.089	-0.44	0.0344	-0.218	-0.188	0.587	0.3042
PCHAS_071330	0.3493	0.252	0.3529	0.28	0.0929	0.0376	0.4947	-0.173	-0.412	-0.876	-0.356	-0.442
PCHAS_050860	-0.806	-0.264	0.0611	0.0918	0.3759	0.1925	1.1764	0.8691	0.2192	0.2324	0.7366	-0.009
PCHAS_110030	-1.615	-1.036	-0.65	-0.379	-0.06	0.311	0.9066	1.0876	0.3216	0.4267	-0.228	0.0818
PCHAS_082880	0.0838	0.2596	-0.246	0.1802	0.0069	0.356	0.4537	0.2057	0.3557	0.4321	0.5625	0.5525
PCHAS_050820	0.5896	0.5016	0.317	0.0158	-0.1	-0.004	-0.714	-0.257	0.0472	-0.495	-0.973	-0.426
PCHAS_091740	0.4034	0.21	0.0917	0.3882	-0.032	0.6401	-0.003	-0.122	0.6903	-0.09	0.1162	0.2973
PCHAS_123310	0.381	0.5714	0.5856	0.5265	0.2142	0.3108	-0.535	-0.588	-0.176	-1.194	-0.823	-0.782
PCHAS_123540	0.2552	0.117	0.0884	0.0083	0.125	-0.11	-0.065	-0.027	-0.127	-0.447	-0.158	-0.44
PCHAS_121590	0.6593	0.3388	0.5051	0.0823	-0.093	-0.483	-0.298	0.0372	-0.446	-0.892	0.1911	-0.575
PCHAS_120770	0.7275	0.4921	0.4659	0.0871	0.0737	-0.481	-0.638	-0.788	-0.492	-0.903	-0.181	-0.364
PCHAS_101650	0.398	0.5225	0.3997	0.0064	-0.23	-0.764	0.5003	-0.414	-0.72	-0.595	0.0111	-0.552
PCHAS_101600	0.5081	0.3656	0.3682	0.2357	-0.162	-0.708	-0.315	-0.057	-0.655	0.1514	0.1473	0.2027
PCHAS_050360	0.0242	0.0142	0.4752	0.4416	0.2354	0.2865	-0.083	0.0708	0.0784	-0.591	-0.93	0.7147
PCHAS_021050	0.143	0.1736	0	0.6899	-0.015	-0.186	-0.257	-0.579	-0.369	-0.675	-0.446	-0.149
PCHAS_110110	0.492	0.4527	0.5493	0.4853	0.3419	-0.011	0.2001	-0.3	-0.18	-1.33	-0.65	-0.427
PCHAS_124150	-0.756	-0.219	-0.018	-0.717	-0.141	-0.532	0.1538	0.3741	-0.439	1.0618	0.8253	1.0208
PCHAS_021110	0.3825	0.0855	0.402	0.1612	0.0361	0.0561	-0.288	-0.132	0.0924	-0.372	-0.423	-0.619
PCHAS_000550	1.7401	0.6678	-0.712	-0.416	-1.053	-0.612	-2.452	-1.325	-0.953	-1.194	-0.408	-0.408
PCHAS_121830	-0.204	-1.01	-0.524	-1.018	-0.512	-0.645	-0.157	0.0412	-0.339	0.1818	0.8267	0.235
PCHAS_101310	-0.11	1.0283	0.8867	0.402	-0.04	-0.238	0.5475	0.1701	-0.128	0.5978	0.5673	0.1985
PCHAS_140550	-0.3	0.1119	0.0692	0.1153	0.2449	0.6365	0.8249	0.4948	0.4593	0.5355	0.1755	0.5994
PCHAS_131200	0.1062	0.2603	-0.159	0.308	0.1226	0.3065	0.7541	0.6908	0.335	0.3827	0.2823	0.5483
PCHAS_112020	0.4179	0.3105	0.1302	0.0371	0.1663	0.1061	-0.987	-0.159	-0.076	-0.706	-0.47	-0.485
PCHAS_145710	0.4614	0.6506	0.7515	0.1692	0.0985	-0.094	0.1069	-0.164	-0.075	-0.495	-0.393	-0.239
PCHAS_081250	0.2446	0.1843	0.234	-0.204	0.0349	-0.043	-0.082	-0.204	0.0029	0.8962	1.9632	0.8814
PCHAS_091410	-0.479	-0.296	-0.459	0.0459	-0.062	0.4408	0.1845	0.2172	0.3165	0.6086	0.3476	0.5372
PCHAS_020600	0.5151	0.2101	0.2727	0.6051	0.182	0.3943	0.8994	0.7527	0.822	0.3127	0.8458	0.4568
PCHAS_133600	0.1279	0.1821	0.0798	-0.037	-0.021	0.3708	-0.589	-0.122	0.2563	-0.119	-1.055	0.1095
PCHAS_146090	-0.267	-0.111	0.0312	0.0684	0.1423	0.0036	0.5834	0.0028	-0.142	-0.791	0.0069	-0.742
PCHAS_052040	0.1241	-0.421	-0.64	-0.643	-0.27	0.0849	0.4507	0.4579	0.101	0.4004	0.162	0.4077
PCHAS_133330	0.7244	1.1739	0.5731	0.4108	0.1781	0.5064	0.0965	-0.442	0.2921	-1.872	-0.739	-0.85
PCHAS_101560	-0.953	-0.002	0.4619	0.1846	0.1562	0.2882	-0.027	0.1461	0.3086	0.3268	0.0063	0.2658
PCHAS_071430	0.0907	0.1295	0.5194	0.2765	0.1673	0.0684	0.0836	0.0338	0.0165	-0.235	-0.38	-0.143
PCHAS_080340	0.2131	-0.806	-0.733	-0.558	-0.215	0.2992	0.8237	0.6692	0.2965	0.7647	0.197	0.6465

PCHAS_110920	0.1394	-0.211	-0.093	-0.332	-0.473	0.0667	-0.566	0.0378	-0.257	0.2352	0.7716	0.0355
PCHAS_050620	-0.333	-0.284	-0.397	-0.028	0.0714	0.5021	-0.327	0.0302	0.4655	0.1076	-0.08	0.4776
PCHAS_114170	0.4711	0.0675	0.3348	-0.267	-0.104	-0.623	-0.619	-0.094	-0.681	-0.995	-0.536	-0.549
PCHAS_052470	-0.053	-0.026	-0.251	-0.34	-0.216	0.2447	-0.668	-0.569	0.0032	0.7502	1.1626	0.71
PCHAS_010540	0.1521	0.6161	0.4052	-0.091	-0.021	-0.565	-0.808	-0.549	-0.649	-0.153	0.0609	-0.335
PCHAS_101520	0.5081	0.5538	0.501	0.6925	0.3896	0.0032	-0.926	-0.818	-0.116	-1.936	-2.485	-1.127
PCHAS_130830	0.295	0.3193	0.2225	0.0214	0.0906	-0.026	0.1234	0.0305	-0.103	-0.591	-0.359	-0.273
PCHAS_130480	0.5082	-0.588	-0.673	-0.582	-0.26	-0.388	-0.301	-0.108	-0.385	1.1244	1.8356	1.0935
PCHAS_134150	0.1241	-0.409	0.408	-0.281	-0.033	0.3899	0.3602	-0.059	-0.07	0.5543	0.8523	0.3571
PCHAS_061270	-0.074	0.2104	0.39	0.1279	0.1634	-0.352	0.8548	-0.091	-0.124	-0.868	-0.771	-0.421
PCHAS_021260	0.0417	0.4931	0.3376	0.3818	0.1616	-0.321	-0.565	-0.577	-0.242	-1.198	-1.173	-0.471
PCHAS_031240	0.1989	0.5615	0.7575	0.534	0.3553	0.1198	1.1337	0.4309	0.03	-0.123	0.5686	0.0288
PCHAS_100570	-0.394	-0.101	-0.15	-0.205	0.002	-0.251	0.5658	0.7066	-0.118	0.3348	0.5644	0.1823
PCHAS_145290	0.1638	0.4319	0.6547	0.1972	-0.107	-0.58	-0.582	-0.299	0.3918	-0.306	0.085	-0.098
PCHAS_143050	0.1252	0.6167	0.2577	1.2082	0.4386	0.0241	-1.568	-0.992	0.027	-2.207	-1.849	-1.511
PCHAS_020320	-0.079	0.0537	0.1712	-0.254	-0.012	-0.281	-0.188	-0.089	-0.44	-0.751	-0.591	-0.138
PCHAS_070920	-0.451	0.1224	0.1257	0.1486	0.2534	0.2009	-0.158	0.1341	0.1682	-0.08	0.5751	0.5664
PCHAS_070580	-0.42	0.3312	0.4133	0.4088	0.2412	-0.122	-0.6	-0.12	0.1024	0.0182	-1.103	0.2703
PCHAS_102470	0.2105	0.0232	0.1718	-0.213	-0.193	-0.301	-0.008	-0.133	-0.316	-0.244	0.5571	-0.151
PCHAS_041800	-0.444	-0.429	0.1721	-0.223	0.1442	-0.566	0.3593	0.2428	-0.443	-0.028	0.5677	-0.106
PCHAS_060940	0.1895	-0.021	0.9578	-0.031	0.3831	-0.085	0.8699	0.1695	-0.007	-0.341	0.5336	-0.613
PCHAS_083720	1.8073	0.648	0.7486	0.3611	0.0443	-0.769	0.5359	0.9159	1.1867	-0.15	0.0663	1.1644
PCHAS_080260	0.3757	0.1324	-0.023	0.0676	0.2132	0.0978	-1.004	-0.681	0.0798	-0.709	-1.236	-0.641
PCHAS_130760	0.4113	-1.318	-0.317	-0.792	-0.059	-0.115	0.8149	0.6659	-0.255	0.0262	0.2117	-0.224
PCHAS_112600	-0.663	-0.36	-0.523	-0.458	0.0142	-0.066	0.4741	0.1731	0.1814	0.1085	-0.137	-0.089
PCHAS_093090	1.4406	-0.28	-0.253	0.015	0.0169	0.0716	0.88	0.1955	-0.012	0.8775	1.9995	0.4585
PCHAS_135550	-0.478	0.1625	0.3231	0.2763	0.1393	0.0038	-0.184	-0.541	-0.036	-0.902	-0.461	-0.619
PCHAS_103070	0.0583	0.4213	0.2451	0.1922	0.0534	-0.2	0.4147	-0.093	-0.077	-1.217	-0.894	-0.955
PCHAS_050420	-0.038	-0.917	-0.263	-0.962	-0.376	-0.013	0.3364	-0.217	-0.342	1.7295	2.3664	1.4826
PCHAS_113270	-0.765	-0.395	-0.259	0.2298	0.3252	0.0721	0.4794	0.4754	0.1011	-0.386	0.4695	-0.417
PCHAS_041290	-0.33	-0.569	-0.184	-0.283	0.0933	0.3112	0.4298	0.5875	0.0695	0.8973	0.2012	0.2143
PCHAS_020790	0.4191	0.0968	0.0759	0.4351	0.0684	0.0653	-0.252	-0.078	0.0817	-0.072	-0.912	0.2527
PCHAS_091030	0.0455	-0.491	0.8054	0.1531	-0.218	-0.214	-0.152	-0.465	-0.142	0.0471	0.0158	-0.427
PCHAS_082500	-1.054	-0.617	-0.848	-0.208	0.024	0.4236	0.621	0.3938	0.5165	-0.227	-0.188	-0.198
PCHAS_122560	-0.098	-1.43	-1.216	-0.861	-0.414	0.7266	0.4376	1.0439	0.6995	0.4198	0.356	1.0651
PCHAS_145690	0.1411	-0.132	-0.127	-0.196	-0.08	0.136	-0.204	0.1012	0.1956	0.5602	0.0431	0.2847
PCHAS_124050	-0.182	-0.395	-0.067	0.4563	-0.143	-5E-04	-0.259	-0.324	-0.371	-0.042	1.6101	0.4623
PCHAS_062390	-0.255	0.3031	0.272	0.3947	0.2891	0.0896	-0.324	0.0483	0.1669	-0.283	-1.293	-0.288
PCHAS_071600	-0.78	-0.623	-0.653	-0.611	-0.632	0.1344	0.49	0.5718	-0.076	0.5006	0.6333	0.1095
PCHAS_135580	0.1704	0.1301	0.6923	-0.333	0.2704	-0.284	0.6346	-0.545	-0.364	-0.482	0.0423	-0.335
PCHAS_130080	-0.173	0.0498	-0.306	-0.022	-0.384	0.2864	-0.034	0.1156	0.2963	0.21	0.6615	0.6122
PCHAS_040740	-0.524	0.0385	0.0362	0.1993	0.1851	0.0261	0.2972	-0.123	0.0999	-0.966	-0.364	-0.803
PCHAS_060490	0.0486	-0.126	0.2349	0.2077	0.1295	0.0038	-0.09	0.0305	-0.035	-0.567	-0.473	-0.551
PCHAS_124370	-0.296	0.2682	-0.053	0.0175	0.1163	0.1248	0.7255	0.2407	0.1994	-0.598	-0.083	-0.614
PCHAS_143910	-0.715	-0.294	-0.156	0.3393	0.1993	-0.11	0.2779	-0.262	-0.077	-1.066	-1.069	-1.128
PCHAS_136120	-0.457	0.4674	0.7008	0.6215	0.2375	0.034	0.0232	-0.064	0.1673	-0.675	-0.691	-0.527
PCHAS_134550	-0.305	0.1032	0.3594	0.0777	0.2319	0.2122	0.1441	0.4282	0.0859	0.1803	-0.063	0.0703
PCHAS_113970	0.1652	0.2947	0.1406	0.0405	-0.055	0.1324	-0.511	-0.334	0.0337	-0.33	-0.545	-0.179
PCHAS_081680	0.0193	0.1841	0.2842	0.332	-0.038	0.3218	-0.322	-0.173	-0.148	-0.43	0.0509	-0.38
PCHAS_135830	1.152	0.5543	0.5422	0.3002	0.0854	-0.578	-0.62	-0.996	-0.692	-2.092	-0.867	-1.299

PCHAS_061390	-0.589	-0.287	-0.105	-0.353	0.0091	0.3779	0.0503	0.1849	0.0073	0.5837	0.3925	0.562
PCHAS_112880	0.5358	0.1184	0.8315	-0.063	0.0017	-0.242	0.5007	-0.281	-0.505	-0.452	0.548	-0.226
PCHAS_020850	-0.496	-0.615	-0.674	-0.599	-0.137	0.471	-0.285	0.3964	0.1385	1.1954	1.2272	1.4536
PCHAS_021120	-0.343	-0.525	-0.425	-0.975	-0.193	-0.072	-0.75	-0.496	-0.224	1.3622	1.3057	1.0613
PCHAS_120840	-0.202	-0.377	-0.237	-0.301	-0.159	-0.281	0.4116	0.3731	-0.371	-0.387	0.4413	-0.514
PCHAS_145020	0.6713	0.3121	0.8198	0.3262	0.1931	0.2227	0.1071	0.0124	0.4152	-0.47	0.1188	0.0653
PCHAS_132140	0.1495	0.167	0.3744	0.1925	0.1005	-0.214	0.044	-0.443	-0.265	-0.713	-0.734	-0.541
PCHAS_123840	0.0431	0.3269	0.6272	-0.018	-0.044	-0.346	-0.1	0.0342	-0.11	0.0285	0.1211	-0.119
PCHAS_011260	0.4976	0.3439	0.5075	-0.242	-0.279	-0.347	-0.314	-0.38	-0.146	-0.605	-0.191	0.246
PCHAS_072370	-0.472	-1.144	-0.472	-0.493	-0.086	0.3186	0.208	0.4542	0.4031	1.0785	1.2587	1.0525
PCHAS_130320	-0.773	0.088	0.3262	0.423	0.145	0.3779	0.1665	0.5827	0.4729	-0.289	-0.282	-0.462
PCHAS_031830	0.8355	0.6122	0.5998	-0.149	-0.19	-0.808	-1.995	-1.39	-1.042	-1.807	-0.915	-0.55
PCHAS_062330	0.4709	-0.386	0.2284	-0.144	0.0166	-0.255	0.2323	0.4736	0.1179	-0.473	0.198	-0.363
PCHAS_031280	0.052	-0.196	0.5612	0.0295	0.2147	-0.012	0.085	0.3428	-0.227	-0.59	-0.008	0.491
PCHAS_092490	-0.865	-1.103	-0.631	-0.708	-0.25	0.1405	0.6119	0.8563	-0.14	1.1587	0.7048	0.6886
PCHAS_091770	-0.403	0.0995	0.1311	0.3874	0.2192	-0.017	0.1024	-0.076	0.099	-0.716	-0.788	-0.666
PCHAS_010680	-0.559	-0.02	0.1568	-0.064	0.238	-0.027	-0.368	0.0241	0.0418	-0.498	0.1017	-0.455
PCHAS_123240	0.2828	0.193	-0.296	0.5585	-0.177	0.3975	0.5534	0.0242	0.1976	-0.263	0.5874	-0.197
PCHAS_100750	-0.154	0.5368	0.3625	0.6221	0.0814	0.3374	0.3919	0.2584	0.3316	0.1049	-0.137	0.0992
PCHAS_121840	-0.638	-0.528	-0.632	-0.222	-0.198	0.0071	0.5038	0.622	0.1518	0.0611	0.1721	-0.23
PCHAS_132350	0.0709	-0.586	-0.295	-0.28	0.0902	0.6005	0.4254	0.6987	0.6235	0.6188	-0.52	0.3312
PCHAS_061510	-0.386	-0.045	0.2441	0.3085	0.0809	-0.154	0.7394	0.0468	-0.117	-0.09	-0.439	-0.364
PCHAS_145930	-0.372	-0.408	-0.405	-0.94	-0.363	-0.067	-0.342	-0.043	-0.084	1.7712	1.8443	1.3802
PCHAS_010660	-0.559	-0.016	0.3542	-0.067	-0.009	0.2059	0.5497	0.261	-0.017	0.0734	0.671	0.0357
PCHAS_110260	0.3297	-0.842	-0.739	0.0788	-0.423	0.6718	0.8629	-0.002	0.6506	-0.152	0.3716	0.0582
PCHAS_093490	-0.966	-0.702	0.3566	0.8287	0.1777	0.0538	-0.628	-0.357	-0.337	-0.971	-0.977	-0.678
PCHAS_135050	-0.362	-0.548	-0.973	-0.545	-0.446	0.1104	-0.475	-0.564	-0.179	1.0551	2.4697	1.2397
PCHAS_090610	0.4739	-0.246	0.4987	0.1133	0.0223	-0.07	0.7684	-0.084	-0.563	-0.057	0.3194	0.3071
PCHAS_101870	0.397	0.3758	0.2955	0.4945	0.1311	0.2602	-0.143	-0.064	0.0881	-0.803	-0.655	-0.586
PCHAS_082210	0.0694	0.3275	0.6173	0.1655	0.2276	0.0425	0.2907	0.0336	0.0566	-0.922	-0.068	-0.643
PCHAS_081220	0.4458	0.2571	-0.174	-0.633	0.3986	-0.884	-0.656	-0.416	-0.717	0.776	1.6567	0.503
PCHAS_071960	0.0493	0.2129	0.3787	-0.321	-0.05	-0.623	-0.331	-0.482	-0.671	0.3448	-0.381	-0.049
PCHAS_141420	0.6723	0.1674	0.281	-0.113	0.2109	-0.241	0.0863	0.3953	-0.166	-0.196	-1.523	-0.112
PCHAS_101930	-0.087	0.273	0.5262	0.189	0.3076	-0.332	-0.11	-0.43	-0.586	-1.088	-0.298	-0.566
PCHAS_104050	-1.088	-0.887	-0.382	-0.458	-0.12	-0.002	0.3022	0.4665	0.076	0.4721	0.419	0.1787
PCHAS_050460	-0.218	-0.638	-1.146	-0.192	-0.216	0.2314	0.2907	0.5276	-0.007	0.1549	0.2772	-0.08
PCHAS_133310	0.0224	0.1411	0.4015	0.2108	0.0712	-0.168	-0.308	-0.107	-0.233	-0.587	-0.491	-0.588
PCHAS_041480	-0.278	0.1249	0.1216	0.3378	0.3723	0.4214	0.5571	0.0898	0.0022	-0.187	-0.585	-0.147
PCHAS_141200	0.4168	0.0452	-0.023	-0.048	-0.046	-0.159	-0.217	-0.32	-0.27	0.0967	0.1987	0.3541
PCHAS_145760	1.3066	0.2639	-1.702	0.3456	-0.94	-0.318	0.4918	-0.224	0.3552	-0.303	-0.018	-0.02
PCHAS_010140	0.2992	0.3653	-0.162	0.8657	-0.221	-0.331	-0.33	-0.585	-0.238	-0.207	0.0165	-0.309
PCHAS_131240	0.5626	0.3857	0.0254	0.1698	0.0424	0.1374	-0.028	-0.515	0.0764	-0.315	-0.092	-0.307
PCHAS_080910	0.3272	0.8267	0.6298	0.3944	0.0989	0.4191	0.0598	0.1212	0.2013	-0.621	0.1387	-0.509
PCHAS_131480	0.383	0.1334	0.0771	-0.243	-0.167	-0.264	0.3575	0.4932	-0.173	0.1775	0.5953	0.0118
PCHAS_141010	0.6149	0.6331	0.5496	0.3881	0.1743	-0.196	-0.274	-0.168	-0.232	-0.986	-1.38	-0.588
PCHAS_134760	1.1342	1.4222	0.6026	0.3032	0.0777	1.2178	-0.16	-0.315	0.4619	-0.83	0.2562	-0.224
PCHAS_135530	0.3797	0.3576	0.3811	0.249	0.1176	-0.17	-0.191	-0.183	-0.232	-0.913	-0.673	-0.725
PCHAS_143520	0.7724	0.5886	1.2563	0.032	0.045	0.414	0.5721	0.0655	-0.084	-0.323	0.2976	0.0524
PCHAS_080360	-0.17	0.5167	0.6422	0.8259	0.2979	-0.365	-0.631	-1.024	-0.402	-2.51	-3.215	-1.568
PCHAS_060620	-0.507	-0.308	0.1786	-0.206	-0.088	0.7437	0.4415	0.7919	0.1524	0.4456	0.6761	0.3018

PCHAS_145950	-0.025	-0.31	-1.001	-0.223	-0.104	0.4113	-0.263	-0.272	0.3817	1.5982	0.8172	1.3813
PCHAS_103630	-0.73	-0.922	-0.616	-0.363	0.0736	0.3203	1.2443	0.8265	0.2655	0.2253	0.6121	0.031
PCHAS_070290	-1	-0.834	-0.31	-0.467	0.1956	-0.001	0.5112	0.706	0.1869	0.738	0.6922	0.5717
PCHAS_020840	-0.219	-0.287	0.0335	0.0047	-0.196	0.0449	0.6368	0.7636	-0.01	-0.115	-0.678	-0.015
PCHAS_121360	0.0688	0.5077	0.9312	0.3083	0.0007	-0.249	-0.365	-0.29	-0.204	-0.542	-0.51	-0.354
PCHAS_080430	-0.105	0.0427	0.2258	-0.111	0.0041	-0.124	-0.209	-0.165	-0.181	-0.495	-0.356	-0.338
PCHAS_072600	0.1638	-0.942	-0.912	-1.464	-0.815	-0.32	-0.384	-0.588	-0.258	1.6807	2.2796	1.636
PCHAS_134940	0.8588	0.6181	0.5629	0.1993	0.0475	0.349	-0.197	0.029	0.0309	-0.437	0.1878	0.1879
PCHAS_123960	0.4563	0.0432	0.4273	-0.233	-0.196	-0.138	0.4282	-0.162	-0.183	-0.831	-0.168	-0.956
PCHAS_072440	-0.363	-1.008	-0.474	-1.103	-0.077	0.2897	0.9431	0.4102	0.259	1.1267	0.8431	0.9527
PCHAS_082020	-0.141	0.0865	0.4128	0.0581	0.085	-0.081	0.5367	0.0247	-0.106	-0.228	-0.045	-0.352
PCHAS_031260	0.045	0.1833	0.5318	0.2282	0.0448	0.0806	-0.27	0.2547	0.2291	0.5342	0.1744	0.3488
PCHAS_030460	0.6369	0.5383	0.4753	0.7462	0.2774	-0.296	-0.248	-0.502	-0.251	-1.182	-0.807	-0.735
PCHAS_133170	-0.726	0.185	0.4113	0.1903	0.2798	-0.153	0.4316	0.0925	-0.04	-1.075	-0.596	-0.429
PCHAS_113390	0.0785	-0.117	-0.271	0.1117	-0.166	-0.06	-0.35	0.0334	-0.13	0.2167	0.2801	0.0822
PCHAS_130960	0.1516	0.1611	0.1781	0.2842	-0.04	0.1093	0.4355	-0.159	0.0143	-0.455	-1.263	-0.435
PCHAS_101610	-0.507	0.1636	0.6489	0.4318	0.2151	-0.259	0.3484	0.0635	-0.25	-0.616	-1.4	-0.542
PCHAS_132920	-0.441	0.1864	0.2308	-0.136	0.0423	-0.159	0.2586	0.3729	-0.189	0.3155	0.3695	0.0871
PCHAS_041900	-0.53	-0.851	-0.946	-0.604	-0.133	0.764	-0.033	0.6079	0.5908	0.666	-0.308	0.5093
PCHAS_041530	0.176	-0.481	0.2385	-0.474	-0.058	-0.328	1.2616	0.3661	-0.235	0.3754	0.682	0.0642
PCHAS_135790	-0.302	-0.256	0.2062	-0.116	-0.048	0.0959	0.9565	-0.26	0.1596	-0.288	-0.341	-0.479
PCHAS_061960	0.0617	0.5548	0.3642	0.2405	0.1121	0.1497	-0.13	-0.363	0.046	-0.506	-0.04	-0.518
PCHAS_132020	-0.124	0.009	-0.029	-0.031	-0.253	0.1791	0.0247	0.0385	0.1945	0.45	-0.058	0.1751
PCHAS_070220	-0.51	-0.2	-0.495	-0.992	-0.614	0.518	0.0372	0.1869	0.2684	0.5676	1.6325	0.0717
PCHAS_142440	-0.64	-0.024	0.0812	0.2151	0.1474	0.0266	0.1203	0.0491	0.0973	-1.343	-0.279	-0.618
PCHAS_090600	-0.133	-0.617	-0.402	-0.387	0.2722	0.2542	0.7009	0.4176	0.4537	0.378	-0.097	0.244
PCHAS_113520	0.145	-0.005	-0.733	0.0636	-0.407	0.2243	0.3648	-5E-04	0.4731	-0.145	-0.15	-0.041
PCHAS_020700	0.1104	-0.337	0.9023	0.0041	0.1987	0.0089	0.5654	-0.017	-0.087	-2.201	-0.681	-0.979
PCHAS_122900	-0.094	0.0107	-0.007	-0.161	-0.057	-0.172	0.0122	0.1113	-0.174	0.1467	0.5813	0.2337
PCHAS_050690	1.0931	0.6788	0.758	0.3735	-0.019	-0.17	-0.994	-0.946	-0.296	-1.01	-0.988	-0.817
PCHAS_102050	0.3053	0.4687	0.3421	0.6145	0.0756	-0.001	-0.085	-0.481	-0.01	-1.146	-1.13	-0.667
PCHAS_131820	0.676	0.5763	0.4395	0.1838	-0.114	-0.546	-1.611	-1.426	-0.705	-1.374	-0.21	-0.592
PCHAS_100600	-0.177	-0.127	-0.012	0.1916	0.0181	-0.33	-0.2	-0.188	-0.334	-0.852	-0.201	-0.585
PCHAS_122330	0.4683	0.3723	0.7378	-0.004	-0.038	-0.081	0.4082	-0.022	-0.068	0.4948	0.1582	-0.009
PCHAS_133670	0.9559	0.988	0.4178	0.6496	0.4162	0.8341	-0.008	-0.142	0.9469	-0.839	-0.907	-0.499
PCHAS_081600	0.0022	0.3387	0.4497	0.3355	0.1857	0.5192	0.1632	-0.175	0.1813	-0.49	-0.009	-0.212
PCHAS_111360	0.3124	-0.63	-1.01	-0.819	-0.219	-0.208	0.0004	-0.115	-0.113	0.4073	0.6381	0.4428
PCHAS_092630	-0.289	0.456	0.181	0.144	0.3468	0.5464	0.5104	1.0684	0.2348	0.721	1.0302	0.4091
PCHAS_112930	-0.338	-0.641	-0.175	-0.372	-0.134	0.0344	-0.814	-0.02	-0.178	0.5236	0.6761	0.3711
PCHAS_122770	-0.127	0.4796	0.5933	0.5836	0.133	-0.47	-0.546	-0.636	-0.054	-1.194	-1.961	-0.925
PCHAS_051720	0.6586	0.2258	0.2296	-0.375	-0.221	-0.154	0.0777	0.1308	-0.336	0.3984	0.9625	0.2205
PCHAS_021190	0.3448	-0.038	0.1789	0.0227	-0.106	-0.576	-0.312	-0.746	-0.48	-0.458	-0.174	-0.421
PCHAS_140230	0.6033	0.1026	0.0762	-0.473	-0.246	-0.168	-0.045	0.2414	-0.03	0.2706	0.6316	0.4429
PCHAS_051130	0.9749	0.7206	0.6904	0.2373	0.1135	-0.192	-0.373	-0.75	-0.326	-0.994	-0.299	-0.24
PCHAS_103600	-0.707	0.0485	0.496	0.2524	0.1512	0.0525	0.3183	0.4578	0.2935	0.7063	-0.055	0.697
PCHAS_060630	0.4312	0.2428	-0.012	0.2492	-0.077	0.2599	-0.427	-0.233	0.0223	-0.151	-0.35	0.2125
PCHAS_123140	-0.116	0.3914	0.1836	0.1525	0.2676	-0.101	-1.029	0.0834	0.1114	-0.37	-1.533	-0.675
PCHAS_137020	1.6685	0.345	-0.047	-0.348	-0.484	-0.409	0.2055	-0.283	-0.232	0.6687	2.8358	0.7047
PCHAS_103270	0.2174	0.1482	0.1908	0.4377	-0.125	-0.447	-0.302	-0.717	-0.28	-1.088	-0.629	-0.643
PCHAS_082160	-0.057	-0.167	-0.805	0.0073	-0.3	-0.084	-0.142	0.1818	0.6521	0.0516	1.0665	0.374

PCHAS_091800	0.1984	0.1013	0.3923	0.0324	-0.078	-0.536	0.0343	-0.257	-0.457	-1.05	-0.154	-0.855
PCHAS_090840	0.3318	0.2391	0.6961	0.4082	0.1494	-0.205	0.2276	0.4394	-0.355	-0.395	0.3162	-0.356
PCHAS_061020	-0.697	0.1913	0.8447	0.2241	-0.491	-0.235	-0.031	0.0806	-0.151	-0.045	-0.135	-0.203
PCHAS_134230	0.1436	0.0164	0.2608	0.2622	-0.091	0.2792	-0.247	-0.09	0.2449	0.1364	-0.496	-0.138
PCHAS_120930	0.5073	0.5552	0.4634	0.4832	0.2132	-0.564	-0.593	-1.185	-0.549	-1.665	-0.997	-1.205
PCHAS_090250	-0.73	-1.179	-1.091	-0.977	-0.199	0.4887	0.0575	-0.041	0.5987	0.7921	0.4741	0.5949
PCHAS_052080	-0.118	-0.138	0.1277	-0.031	0.1183	-0.035	0.3741	0.1165	0.005	-0.486	-0.178	-0.481
PCHAS_040350	-0.062	-0.501	-0.028	-0.183	-0.184	-0.272	0.0241	-0.047	-0.254	-1.094	-0.705	-0.011
PCHAS_083500	1.2519	1.9137	-0.122	1.0671	-0.132	2.114	0.4204	-0.376	1.6453	-0.171	0.3853	0.885
PCHAS_040370	-0.228	-0.244	-0.034	-0.24	-0.219	0.0075	-0.34	-0.093	-0.098	0.3103	0.2719	0.1387
PCHAS_145720	0.022	-0.184	-0.352	-0.306	0.0323	-0.03	-0.308	0.6945	-0.015	1.1105	0.4323	0.6162
PCHAS_121120	-0.904	-1.639	0.7152	0.2374	0.4447	-0.18	1.5276	-0.687	-0.184	-1.613	-0.524	-0.845
PCHAS_136920	-0.051	-0.185	0.0973	-0.123	0.0698	0.7565	-0.228	-0.138	0.063	0.5468	0.6399	0.676
PCHAS_050530	-1.073	-0.787	-0.053	-0.349	0.2558	0.1088	1.339	0.9619	0.0518	0.6371	0.5644	0.233
PCHAS_134610	0.2564	0.071	-0.313	-0.089	-0.173	-0.194	0.2408	-0.075	0.0168	-0.604	-0.161	-0.436
PCHAS_071650	0.0217	0.4065	0.5512	-0.111	0.07	-0.063	-0.149	0.1735	-0.16	-0.913	0.7141	-0.044
PCHAS_092520	1.5655	0.9345	0.9743	0.3337	-0.042	0.3383	-0.078	-0.229	0.1351	-0.709	1.0768	-0.076
PCHAS_020830	0.4168	-0.293	0.2459	-0.314	-0.186	-0.817	0.3592	0.1279	-0.81	-0.083	0.004	-0.293
PCHAS_142770	-0.132	-0.35	0.2359	-0.585	-0.047	-0.148	-0.107	0.2383	0.0364	0.7774	1.4223	0.4541
PCHAS_081040	0.2936	0.6012	0.3112	0.5678	0.1001	-0.191	0.2054	-0.385	-0.335	-0.157	-0.389	0.0459
PCHAS_142650	-0.159	0.5045	0.7778	-0.139	0.0531	-0.022	0.6201	0.3723	-0.376	-0.342	0.3373	-0.299
PCHAS_061710	-0.274	0.3571	0.0278	0.2043	0.2095	-0.036	0.0592	-0.039	-0.025	-0.784	-0.45	0.0043
PCHAS_114250	-0.267	0.0213	0.1267	0.107	0.2966	-0.026	0.0022	-0.548	-0.093	-0.762	-0.888	-0.63
PCHAS_130350	0.3295	0.1637	0.1273	-0.097	-0.249	0.3767	0.2375	0.2036	0.367	0.0132	0.4555	0.0869
PCHAS_145460	0.5857	-0.322	0.5187	0.0056	0.2754	-0.416	0.3642	-0.322	-0.231	-0.541	0.2831	-0.615
PCHAS_061350	0.3161	0.0507	-0.197	0.1979	-0.31	-0.102	-0.54	-0.163	-0.204	-0.294	-0.316	-0.07
PCHAS_041090	-0.251	-0.151	0.1505	0.2366	-0.008	0.193	0.9156	0.6583	0.2254	-0.285	0.3101	-0.347
PCHAS_122700	0.2752	0.1956	0.284	0.2816	0.2095	-0.013	-0.274	-0.121	0.1118	-1.389	-1.172	-0.992
PCHAS_146570	0.1176	0.5363	0.376	0.1783	0.2274	0.2617	0.4317	0.0422	-0.016	-0.285	0.2927	-0.334
PCHAS_100240	0.0937	-0.123	-0.501	-0.377	-0.129	0.4352	-0.074	-0.364	0.0213	0.9737	1.7323	0.8173
PCHAS_123480	0.0793	0.0317	0.4392	0.0102	0.0323	-0.27	0.2562	-0.115	-0.338	-0.408	-0.098	-0.896
PCHAS_081540	1.0928	0.2927	0.0077	-0.276	-0.046	-0.091	-0.35	0.0725	-0.046	0.6688	1.3934	0.7134
PCHAS_114240	-1.016	-0.639	-0.114	-0.231	0.1045	-0.096	0.1863	0.5662	-0.097	-0.341	0.1359	-0.535
PCHAS_140810	0.8594	0.3018	0.2964	0.2537	0.1264	-0.284	-0.725	-0.498	-0.372	-0.239	-0.312	-0.28
PCHAS_052330	0.1022	0.1824	0.1078	-0.084	-0.093	-0.118	0.5089	-0.054	-0.224	-0.335	-0.304	-0.456
PCHAS_093510	0.1123	0.4508	0.3968	0.1462	0.044	-0.084	0.7312	0.4591	0.0864	0.3116	0.5807	0.7463
PCHAS_113150	0.4387	0.6432	0.3823	0.3844	0.1076	-0.002	0.1303	0.1138	0.1352	0.1235	0.1406	0.058
PCHAS_082780	-0.1	-0.067	-0.236	-0.175	0.1462	-0.172	0.7275	0.7348	0.0457	0.3968	-0.163	0.2373
PCHAS_114150	0.0998	0.2903	0.1529	0.3593	0.1548	-0.374	0.2431	-0.388	-0.356	-0.742	-0.197	-0.529
PCHAS_135280	0.004	0.3278	-0.473	0.4935	-0.414	0.4717	-0.281	-0.31	0.3175	-0.548	-0.224	-0.227
PCHAS_083110	-0.146	-0.264	-0.739	0.1332	-0.099	1.0616	0.0771	0.1076	0.5249	0.012	1.128	0.6195
PCHAS_142710	-0.476	-0.271	0.3275	0.07	0.1326	-0.11	0.375	0.1614	0.0847	-0.286	-0.256	-0.196
PCHAS_112160	-0.082	0.3537	0.4684	0.2278	0.1311	-0.005	0.4146	-0.015	-0.122	-0.304	-0.268	0.0299
PCHAS_123400	-0.068	-0.126	0.1779	0.4813	0.2115	0.0803	-0.237	-0.321	0.0603	-1.138	-1.038	-0.639
PCHAS_071120	0.1639	0.1693	0.2805	0.3464	0.0973	0.088	-0.533	-0.14	0.0981	-0.223	-0.79	-0.262
PCHAS_130820	0.1784	0.8858	-0.311	0.7989	0.0704	-0.16	-0.246	-0.32	-0.426	-0.782	-0.544	-0.264
PCHAS_110730	-0.028	-1.022	-1.002	-0.467	-0.256	0.4997	-0.319	0.4525	0.3138	2.3265	2.189	1.8386
PCHAS_093640	-5E-04	0.0669	0.2437	0.1769	0.2944	-0.168	-0.168	-0.145	-0.093	-0.72	-0.599	-0.484
PCHAS_144210	0.303	0.4685	0.2751	-0.393	-0.25	-0.099	-0.608	-0.566	-0.275	-0.196	-0.178	-0.202
PCHAS_080080	-0.439	-1.313	-0.108	-0.287	-0.1	-0.161	1.3567	0.0356	0.2728	-0.498	-0.494	-0.65

PCHAS_130610	-1.657	-1.287	-1.523	-0.582	0.0684	0.263	0.7584	0.9688	0.6555	0.427	0.0858	0.0423
PCHAS_112140	0.1696	0.0289	-0.045	-0.275	-0.136	-0.011	-0.242	-0.283	-0.033	0.272	1.1183	0.6903
PCHAS_020480	0.6723	0.1132	0.6798	0.2815	0.2709	0.5573	-0.247	-0.101	0.4553	0.3833	-0.108	0.4526
PCHAS_140940	-0.025	0.893	0.8575	0.3184	-0.002	-0.213	-0.567	-0.094	-0.089	-0.52	-0.115	0.0353
PCHAS_061720	0.1744	0.1847	0.5423	0.3406	0.1894	-0.242	-0.077	-0.222	-0.174	-0.708	-1.085	-0.835
PCHAS_142470	0.072	-0.098	0.413	0.0522	0.0271	0.0028	-0.059	0.2888	0.1523	-0.032	0.4453	0.159
PCHAS_070940	0.13	-0.169	0.0858	0.0306	0.081	0.2106	0.6578	0.4895	0.1985	0.2384	0.029	0.404
PCHAS_102700	2.0998	0.5069	-1.782	0.4579	-0.568	0.8482	1.6221	0.293	0.228	0.037	-0.063	-0.002
PCHAS_144290	0.2953	0.8047	0.774	0.2109	-0.059	0.5591	0.0947	-0.162	-0.102	-0.968	-2.688	-0.589
PCHAS_031700	0.4987	-0.093	0.2424	0.0234	0.2536	0.0365	0.0991	-0.124	-0.09	0.3525	0.6803	0.2948
PCHAS_093380	-0.102	-0.554	-0.311	0.062	-0.015	0.2618	0.2375	0.5502	0.3175	1.0059	0.4243	0.3463
PCHAS_140180	-0.023	-0.733	-0.655	-0.946	-0.353	0.0234	-0.236	-0.431	-0.009	0.8665	0.8702	1.0104
PCHAS_112520	-0.711	-0.011	0.4643	0.2403	0.2674	-0.211	1.3255	0.0546	0.0391	-1.259	-1.021	-0.658
PCHAS_122680	-1.05	-0.609	-0.319	-0.006	0.1889	0.1738	0.6324	0.4512	0.3033	-0.112	-0.316	-0.209
PCHAS_083210	-0.035	0.5796	-0.481	0.5161	-0.975	-0.679	-0.514	0.0173	-0.37	-0.112	0.1043	-0.117
PCHAS_083700	-0.392	-0.759	-0.946	-0.85	-0.46	0.6906	1.0149	0.1922	0.2032	2.24	2.0739	1.7877
PCHAS_092570	1.2661	0.2698	0.3166	0.0351	-0.223	-0.135	-0.026	-0.075	-0.209	-0.099	0.9029	-0.33
PCHAS_121500	-0.258	0.451	-0.444	0.5351	-0.027	-0.122	0.0924	-0.302	0.3408	-0.521	-0.252	-0.399
PCHAS_110270	0.1681	0.2622	0.059	0.5014	0.2535	0.0195	0.1552	-0.428	-0.215	-1.158	-0.941	-0.904
PCHAS_110480	0.8629	-0.299	-1.12	-0.172	-0.534	0.1749	1.038	0.6773	0.3375	0.2811	0.0773	0.413
PCHAS_082030	-1.521	-0.978	-0.746	-0.653	-0.018	0.3031	0.962	0.7329	0.2729	0.3002	-0.013	0.2145
PCHAS_080670	-0.138	-0.035	-0.029	0.2283	0.0345	-0.002	0.0996	0.0109	0.11	-1.151	-0.776	-0.594
PCHAS_132060	0.1641	0.3076	0.4994	0.2864	-0.056	-0.135	-0.168	-0.615	-0.232	-1.084	-1.369	-0.609
PCHAS_122470	-0.457	0.3408	0.354	-0.204	-0.122	-0.446	0.1985	-0.339	-0.428	-0.225	1.1743	-0.094
PCHAS_123030	0.711	0.2848	0.3327	0.046	0.1402	-0.238	-0.224	-0.33	-0.382	0.4262	0.1659	0.458
PCHAS_000970	0.5276	-1.009	-0.785	-0.424	-0.226	0.3082	-0.362	0.0548	0.1825	0.9397	1.4472	0.3621
PCHAS_071370	1.1526	0.4643	0.0901	0.0896	-0.058	0.5964	0.4642	0.2218	0.3949	1.1936	1.5167	0.8582
PCHAS_051160	-0.124	0.3143	0.5173	-0.184	0.0446	-0.012	0.8798	0.1238	-0.342	-0.075	0.2217	-0.138
PCHAS_050200	-0.197	0.0475	-0.043	0.3278	-0.064	0.05	0.1427	0.1392	-0.003	-0.345	-0.291	-0.225
PCHAS_083130	-0.385	-1.544	-1.965	-2.254	-0.309	1.0674	-0.591	-0.819	0.9715	1.1955	0.263	1.101
PCHAS_111900	0.2848	-0.081	0.3561	-0.227	-0.119	-0.672	-0.25	-0.281	-0.676	-0.638	-0.287	-0.07
PCHAS_131270	0.0858	0.3297	0.3987	0.3291	0.1247	-0.024	-0.382	-0.35	-0.045	-1.205	-0.729	-0.771
PCHAS_133140	0.9554	0.1836	-0.02	-0.517	-0.724	-0.241	-0.568	-0.181	-0.31	1.3792	3.05	1.4814
PCHAS_132420	1.1225	-0.036	-1.932	0.6521	-0.932	0.6327	2.0303	-0.751	0.3443	0.711	0.2656	0.1968
PCHAS_051990	0.0837	0.5972	0.1455	0.059	0.1514	-0.075	1.819	0.602	0.1398	-0.474	0.0222	-0.317
PCHAS_113740	-1.437	-1.792	-1.77	-1.402	-0.212	0.4734	1.045	1.1549	0.4386	0.3561	0.1987	0.2297
PCHAS_141110	0.0312	-0.735	-1.082	-1.44	-0.743	-0.328	-0.665	-0.445	-0.412	1.2371	1.7921	1.2882
PCHAS_120580	0.3116	0.5387	0.4098	0.386	-0.163	-0.312	-1.463	-1.4	-0.405	0.2275	-0.043	0.2433
PCHAS_143170	0.6703	0.3732	0.099	0.0957	0.1518	-0.391	-0.585	-0.612	-0.22	-0.401	0.6817	-0.481
PCHAS_091240	-0.835	-0.613	0.2428	0.1288	0.1026	-0.267	0.3472	-0.402	-0.131	0.046	-0.13	-0.207
PCHAS_142600	0.257	0.645	0.6268	0.2795	-0.069	-0.281	-0.586	-0.623	-0.36	-1.046	-1.495	-0.844
PCHAS_144340	-1.393	-1.785	-1.551	-1.119	-0.383	0.209	0.4598	1.2274	0.2291	0.5513	0.3897	0.4455
PCHAS_041140	0.2222	0.2127	0.0049	0.0371	0.0745	-0.012	0.016	-0.272	0.3469	0.0212	0.1776	0.4994
PCHAS_124360	0.5602	0.4521	0.4984	0.0826	0.275	-0.329	0.3286	-0.378	-0.253	-0.575	0.3588	-0.271
PCHAS_145800	-0.323	0.267	0.4483	-0.032	0.0983	-0.491	-0.371	-0.362	-0.65	-0.734	-0.047	-0.565
PCHAS_113660	0.1444	0.5158	0.5679	-0.161	-0.125	-0.561	1.0924	-0.726	-0.513	-1.328	-1.501	-0.994
PCHAS_090570	-0.217	-0.071	0.1143	0.0122	0.2429	0.0556	1.0185	-0.228	0.2281	-1.003	-0.581	-0.954
PCHAS_060640	0.3789	0.1827	-0.685	0.1408	-0.383	0.1216	-0.01	0.4151	0.2779	0.7985	0.5776	-0.142
PCHAS_122410	-0.294	0.0153	-0.254	0.0836	0.0468	0.4346	-0.131	0.1188	0.3518	0.4184	0.2843	0.3432
PCHAS_093270	-0.71	-0.607	0.3378	-0.07	0.0967	0.354	1.3301	0.5482	0.4489	-0.011	-0.691	-0.041

PCHAS_144170	-0.202	-0.046	0.2262	0.4518	0.3271	-0.35	1.7319	0.1011	-0.279	-0.239	-0.225	0.0005
PCHAS_112340	1.6975	-0.091	0.2217	-0.715	-0.28	-1.016	1.5373	0.1528	-0.451	0.1166	0.8165	-0.965
PCHAS_142420	-0.42	-0.293	-0.236	-0.219	-0.341	-0.014	0.1751	0.2349	0.1447	-0.188	-0.65	-0.229
PCHAS_061450	0.3609	0.154	-0.346	0.2533	0.1629	0.0647	0.1438	0.2548	0.0455	-0.048	-0.674	0.0442
PCHAS_020330	0.4482	0.018	0.1881	0.1399	0.267	-0.16	0.8926	-0.3	-0.11	-0.786	0.7578	-0.449
PCHAS_141460	-0.295	0.1907	0.7173	0.2652	0.2587	-0.085	-0.128	0.0923	-0.267	-0.424	0.1429	-0.491
PCHAS_145880	0.2549	0.2742	0.307	-0.089	0.1696	0.1899	1.0075	0.5471	0.0464	-0.132	0.6541	0.3174
PCHAS_131940	0.5684	0.3497	0.5357	0.0401	0.23	0.4279	-0.263	-0.421	-0.366	-0.246	-0.295	-0.154
PCHAS_144940	0.1113	-0.803	-0.288	-0.44	-0.228	0.9552	-0.59	0.0696	0.2185	1.8651	1.5753	1.5764
PCHAS_051260	0.9535	0.0578	0.7596	-0.079	0.008	-0.44	0.2508	-0.536	-0.13	-0.639	0.3253	-0.058
PCHAS_121100	-0.165	0.0863	0.4168	-0.25	0.0928	-0.232	0.9169	0.476	-0.249	0.3776	0.7575	0.0977
PCHAS_000600	1.0709	0.6898	0.5006	0.322	-0.111	0.096	-0.193	0.1466	-0.188	0.6698	0.4539	0.665
PCHAS_146710	-0.093	-0.818	-1.131	-0.776	-0.403	0.2281	-0.116	-0.267	0.1873	1.4299	0.9616	1.0534
PCHAS_072410	1.0375	0.1528	0.4187	0.2177	0.0511	-0.021	-0.27	-0.063	-0.052	0.4203	-0.604	0.4494
PCHAS_114210	-0.237	0.111	0.1638	-0.124	-0.493	-0.403	0.4273	-0.012	-0.795	-0.328	-0.011	-0.303
PCHAS_010470	-1.009	-0.834	-0.166	-0.368	-0.102	-0.192	1.5919	0.5917	-0.076	1.2042	0.7089	0.7459
PCHAS_103000	-0.566	0.5608	0.8427	-0.262	0.045	-0.851	1.111	0.0389	-0.248	-0.494	-0.832	-0.286
PCHAS_135220	0.7662	0.2861	0.0448	-0.019	-0.022	-0.294	0.1665	-0.622	0.0475	-0.996	-0.086	-0.691
PCHAS_124470	0.2348	-0.045	0.046	-0.186	0.034	-0.142	-4E-04	0.0199	-0.156	0.162	0.2201	-0.049
PCHAS_113190	-0.779	-1.735	-0.739	-0.752	-0.253	0.221	0.4168	1.0367	0.4791	0.8727	0.2847	0.5191
PCHAS_145730	-0.686	-0.723	-0.591	-0.881	-0.222	0.0796	0.4188	0.7594	0.1803	1.3464	0.9856	0.7872
PCHAS_050490	-0.2	0.2057	0.218	0.3345	0.0554	0.6042	-0.288	-0.198	0.388	0.0491	-0.542	-0.053
PCHAS_091340	-0.756	-0.327	-0.389	-0.174	-0.042	0.3526	0.5564	0.6412	0.2621	0.3688	0.3009	0.4708
PCHAS_061490	-0.418	-0.65	-0.061	-0.442	-0.088	0.2048	-0.051	0.2914	0.0782	0.3268	0.2323	0.1567
PCHAS_020100	-0.552	0.1848	0.3434	0.209	0.2388	0.4477	0.3398	0.6204	0.2091	-0.005	0.5214	-0.169
PCHAS_102820	-0.258	0.192	0.0375	0.3054	0.3068	-0.013	-0.184	-0.068	0.1575	-0.882	-0.779	-0.52
PCHAS_131600	0.3365	0.5591	0.4336	0.4892	0.074	-0.009	-0.106	-0.066	0.1937	-0.574	0.2084	-0.181
PCHAS_122220	-0.759	0.484	0.6938	0.1069	0.087	-0.604	-0.472	0.0773	-0.284	0.6282	-0.398	0.4572
PCHAS_145670	-0.518	0.2678	0.1998	0.0505	0.1478	-0.093	-0.069	0.205	-0.273	-0.733	-0.935	-0.692
PCHAS_144610	-0.277	-0.284	-0.163	-0.193	-0.021	0.0247	-0.32	0.1732	-0.055	0.8487	0.5443	0.3455
PCHAS_031050	-0.276	-0.101	0.3226	-0.069	0.1605	0.4392	-0.521	0.3204	0.3805	0.6215	-0.43	0.2251
PCHAS_040720	-0.399	0.0947	0.6064	-0.014	0.1257	0.3495	1.1186	0.3728	0.3161	-0.224	0.2172	-0.336
PCHAS_131890	0.9165	0.2141	0.6673	0.2045	0.0642	-0.308	0.0549	-1.038	-0.241	-1.448	-0.467	-0.881
PCHAS_110610	-0.34	0.0069	0.1569	0.3798	0.3952	0.2799	0.1505	-0.132	0.224	-1.266	-0.807	-0.865
PCHAS_030540	-0.042	-0.08	0.2985	0.0038	-0.038	-0.297	0.2425	0.4121	-0.168	0.0281	0.3643	-0.118
PCHAS_070740	-0.803	-0.631	-0.133	-0.263	0.1209	-0.244	-0.192	0.4371	0.276	0.2385	-0.23	0.2098
PCHAS_142790	-0.663	-0.218	-0.31	0.1714	0.1881	0.2914	0.5443	0.1172	0.2962	-0.624	-0.856	-0.605
PCHAS_091420	-0.603	-0.514	-0.076	0.2523	-0.003	0.2023	0.0262	-0.411	0.0161	0.1339	0.3102	0.2007
PCHAS_081050	0.7126	0.8326	0.3718	-0.043	-0.22	-0.124	-0.055	-0.297	-0.272	0.1217	-0.205	-0.096
PCHAS_103620	-1.023	-2.263	-2.997	-2.432	-0.977	0.0896	-0.666	-0.514	0.0556	1.7857	1.4723	1.6555
PCHAS_143450	0.2392	0.2819	0.2543	0.3466	0.1659	0.1382	-0.592	-0.239	0.1674	-0.914	-1.133	-0.696
PCHAS_140950	0.0531	0.0022	0.2214	0.3892	0.239	0.0031	0.121	0.0493	0.0635	-0.207	-0.149	-0.001
PCHAS_103500	0.2675	0.3083	0.2276	0.359	0.0836	-0.12	-0.872	-0.295	-0.206	-1.251	-0.813	-0.848
PCHAS_020180	-0.2	-0.623	0.1268	-0.08	0.3685	-0.504	-0.064	-0.08	-0.563	-1.181	-2.122	-0.755
PCHAS_102100	-0.103	0.4974	0.4336	-0.037	-0.211	-0.345	-0.08	-0.126	-0.841	-1.388	-0.665	-0.403
PCHAS_081120	0.4335	0.3091	0.1907	-0.079	-0.033	-0.085	0.527	0.1665	-0.05	0.2511	0.4612	0.0808
PCHAS_092720	-0.807	-0.189	0.1045	-0.368	-0.007	0.4022	-0.89	0.0999	0.127	0.7837	-0.2	0.4814
PCHAS_080590	-0.326	0.1041	0.4449	-0.006	0.1267	-0.533	-0.071	-0.184	-0.255	-0.853	-0.082	-0.61
PCHAS_052410	-0.966	-1.813	-2.327	-2.311	-0.612	0.4867	-0.537	-0.563	0.4226	1.8137	1.36	1.6146
PCHAS_111420	0.2055	0.0303	0.215	-0.099	0.0246	-0.29	0.4987	0.0533	-0.263	-0.2	0.5677	0.0204

PCHAS_123270	-0.086	0.0127	-0.623	0.5059	-0.005	-0.179	0.2165	-0.229	-0.068	-0.64	-0.672	-0.295
PCHAS_080310	-0.138	-0.058	0.2385	-0.097	-0.142	0.609	0.1196	-0.221	-0.126	0.7025	1.3338	0.6559
PCHAS_020950	0.6604	0.1498	0.3619	-0.071	-0.548	-0.006	0.4367	0.0677	-0.043	0.5981	1.4472	0.7417
PCHAS_060650	-0.824	-0.113	-0.865	0.4557	-0.63	-0.384	0.3254	0.3564	0.0617	-0.41	0.1954	-0.168
PCHAS_145120	0.1819	-0.881	0.2731	-0.624	0.0286	-0.058	1.2852	1.048	-0.322	0.4686	0.81	0.2473
PCHAS_113860	-0.402	0.31	0.0518	-0.216	-0.106	-0.416	0.3526	-0.192	-0.512	-0.409	-0.85	-0.518
PCHAS_090940	0.0027	0.3667	0.3899	0.2237	0.1164	-0.343	-0.268	-0.106	-0.316	-0.63	-0.667	-0.065
PCHAS_072840	-0.08	0.2034	0.4051	-0.452	0.1237	-0.129	-0.175	-0.679	-0.464	-0.909	-0.353	-0.541
PCHAS_040190	0.1795	0.1034	-0.297	-0.03	-0.155	-0.089	0.1953	0.2087	0.0593	-0.032	-0.077	-0.131
PCHAS_081380	0.3508	0.1606	1.1298	-0.228	0.1731	0.0089	0.1822	0.2081	-0.066	0.1005	0.2183	-0.228
PCHAS_080130	0.5384	0.3818	0.2714	-0.122	0.1866	-0.206	0.7642	0.0238	-0.21	-0.433	0.6349	-0.12
PCHAS_100400	-0.178	0.0806	-0.105	0.1314	0.0485	0.0586	-0.075	-0.048	0.2385	0.0251	-0.502	0.0609
PCHAS_111300	0.0073	-0.418	-0.178	0.046	-0.098	0.1294	0.4279	0.4747	0.0649	-0.386	0.6169	0.0785
PCHAS_001010	0.4545	0.1787	0.0734	0.3199	-0.248	0.1443	-0.13	-0.291	-0.003	-0.551	0.7745	-0.258
PCHAS_100700	-0.475	-0.919	-0.056	-0.692	-0.147	0.7614	0.5276	0.578	0.5757	0.651	0.4972	0.9942
PCHAS_040580	-0.531	-0.378	-0.371	-0.458	0.0899	-0.262	0.5728	0.4061	-0.125	0.5426	0.4056	0.3249
PCHAS_100620	0.1105	0.131	-0.002	0.1934	0.1795	0.2015	-0.241	0.0748	0.2268	-0.621	-0.8	-0.568
PCHAS_134190	-0.09	-0.375	-0.229	-0.183	-0.127	0.1962	0.6766	0.3262	0.194	-0.082	0.3673	0.0917
PCHAS_082290	-0.197	-0.152	-0.038	0.229	0.4095	0.1797	0.6628	0.6393	0.1926	-0.152	-0.096	-0.058
PCHAS_000940	0.954	0.524	0.3118	0.1464	-0.407	-0.204	-1.04	-0.482	-0.223	-0.063	-0.022	-0.075
PCHAS_072780	0.0239	-0.208	0.5612	-0.219	-0.186	-0.484	0.2599	0.563	-0.581	1.2197	1.4344	1.0042
PCHAS_140140	-1.517	-1.122	-0.984	-0.542	-0.129	0.4967	0.9482	1.0333	0.5947	0.8603	0.0172	0.0078
PCHAS_103970	-0.568	-0.89	-0.96	-0.614	-0.248	0.5052	-0.008	0.5539	0.5813	0.9357	0.3299	0.7817
PCHAS_070860	-0.13	-0.051	-0.23	0.1325	0.0269	0.4484	0.5727	0.8099	0.1691	0.4798	0.6551	0.2616
PCHAS_072460	-0.415	-0.731	-0.167	-0.751	0.0352	0.0239	0.1743	0.029	-0.098	1.1194	1.079	0.9866
PCHAS_070760	0.506	0.1382	0.3112	-0.157	0.1575	-0.201	0.121	0.3114	-0.195	-0.231	0.504	-0.312
PCHAS_113370	-0.479	0.7745	1.0818	0.31	0.1573	-0.629	-0.794	-0.964	-0.511	-1.317	-0.413	-0.916
PCHAS_133860	0.4396	0.1453	0.8592	0.4256	0.464	-0.027	0.3441	0.5105	0.1244	-0.339	-0.286	-0.218
PCHAS_133520	-0.338	0.1337	0.5529	0.4827	0.1732	0.3084	0.6896	0.4301	0.1213	-0.667	-0.046	-0.489
PCHAS_123550	0.1724	0.6752	0.4711	0.3647	0.2685	-0.099	-0.469	-0.317	-0.117	-1.089	-0.847	-0.56
PCHAS_081310	0.0287	0.1439	0.347	0.4195	0.3492	-0.02	-0.067	0.097	0.0249	-0.414	-0.436	-0.249
PCHAS_020160	-0.084	0.7555	0.5259	0.3614	0.1262	0.5943	-0.237	0.1296	0.2507	-0.221	-0.606	0.1384
PCHAS_093370	-0.703	-0.55	-0.373	-0.378	-0.097	-0.665	0.8388	0.738	-0.565	0.3815	0.2052	0.722
PCHAS_031110	-0.403	-0.222	-0.108	0.2355	0.1942	0.1177	-0.19	0.0507	0.3651	-0.185	-0.929	0.8569
PCHAS_142150	0.0594	-0.916	0.0656	-0.113	0.188	0.0185	-0.077	0.383	-0.082	0.2387	0.548	-0.03
PCHAS_110400	-0.02	-0.191	-0.225	-0.06	0.0537	-0.088	0.3448	0.3954	0.0309	0.0566	0.1801	0.2976
PCHAS_062160	-0.249	0.2605	0.3614	-0.078	-0.156	-0.106	-0.083	-0.191	-0.07	-1.133	-0.696	-1.181
PCHAS_114420	-0.227	-0.065	-0.839	0.4237	-0.652	0.9243	0.2773	0.0358	0.6538	0.9477	0.6782	0.5636
PCHAS_051980	-0.969	-0.007	0.1398	0.3633	0.1003	0.2249	-0.032	0.0887	0.1354	-0.512	-0.162	-0.294
PCHAS_011000	-1.246	-1.481	-1.282	-1.155	-0.282	0.031	0.8608	0.9988	0.0846	0.8159	0.5984	0.9814
PCHAS_080630	0.4118	-0.282	0.2224	-0.64	-0.839	-0.508	0.1886	0.3665	-0.467	0.118	0.7475	-0.288
PCHAS_020090	-0.405	-0.722	-0.593	-0.452	-0.101	0.4576	0.2932	1.0103	0.3059	1.2655	0.5268	0.9589
PCHAS_072500	-0.315	-0.303	-0.009	0.14	0.2055	0.3378	0.3521	0.3657	0.2127	-0.044	-0.069	-0.028
PCHAS_123950	0.2745	0.5846	0.7701	0.3131	-0.029	-0.155	-0.538	-0.646	-0.274	-1.01	-1.715	-0.488
PCHAS_130060	0.1336	0.3844	0.1668	-0.057	-0.277	-0.518	-0.535	-0.469	-0.567	-0.827	-0.109	-0.581
PCHAS_081010	0.6099	0.473	0.4242	0.3328	0.0939	-0.467	-0.616	-0.261	-0.356	-0.821	-1.058	-0.618
PCHAS_144530	-0.285	-1.313	-1.049	-0.219	-0.096	0.6266	0.2075	0.4738	0.4256	-0.113	1.047	0.2305
PCHAS_061180	0.1486	0.409	0.2297	0.4968	0.1485	-0.006	-0.393	-0.469	-1E-03	-0.292	-0.926	-0.43
PCHAS_121080	0.0536	0.0259	0.1074	-0.052	0.0015	0.0625	0.5381	-0.146	0.0879	-0.167	-0.35	-0.147
PCHAS_133020	0.959	-0.686	-0.366	0.47	-0.305	1.1642	1.8771	1.2394	0.6242	0.8799	0.6809	0.8712

PCHAS_070240	0.4005	-0.077	-0.322	-0.209	-0.333	-0.029	0.4814	0.3746	-0.178	0.1564	0.553	-0.046
PCHAS_135650	0.1381	0	0.7269	1.3463	0.2143	-0.004	-0.054	-0.136	-0.089	-0.576	-0.267	-0.513
PCHAS_145280	0.6304	0.8381	-0.03	0.2129	-0.144	-0.033	0.1412	0.3797	0.2235	0.5974	0.3484	0.5791
PCHAS_051270	0.1375	0.2435	-0.028	0.1709	0.0576	0.0408	-0.535	-0.137	0.0493	-0.48	-0.934	-0.407
PCHAS_132500	0.5445	0.5552	0.6359	-0.121	0.1239	-0.522	0.0135	-0.995	-0.43	-1.477	-0.534	-0.957
PCHAS_133490	0.1999	0.3787	0.4304	0.3268	0.1048	0.3615	-0.265	-0.115	0.2654	-0.36	-1.242	-0.257
PCHAS_100510	-0.754	-0.307	-0.232	0.1165	-0.085	0.2537	0.7761	0.4227	0.2696	-0.2	-0.142	-0.357
PCHAS_011240	0.2688	0.1551	0.378	0.3588	0.1253	-0.02	0.075	0.1622	0.0317	-0.241	-0.049	-0.232
PCHAS_123690	-0.034	0.1485	0.2524	0.0401	0.0487	-0.183	0.4453	-0.125	-0.108	-0.581	-0.901	-0.449
PCHAS_010590	0.2902	0.3673	0.3991	0.2744	0.1022	0.0268	-0.44	-0.665	-0.035	-1.224	-1.055	-0.908
PCHAS_130810	-0.126	-0.475	-0.358	0.3205	-0.029	-0.07	0.3937	-0.221	-0.059	-1.124	-0.661	-0.464
PCHAS_100630	-0.152	-0.08	0.0796	-0.042	0.2352	0.0853	-0.187	-0.151	-0.056	0.0181	-0.129	-0.109
PCHAS_103400	-0.277	-0.192	-0.153	0.2845	0.1133	-0.073	0.2884	0.4571	-0.017	0.2377	-0.182	0.0984
PCHAS_144260	0.4671	0.5745	0.2445	0.3114	0.1556	-0.461	-0.558	-0.181	-0.224	-0.42	-1.172	0.0164
PCHAS_113480	0.1814	0.047	0.6305	0.1231	-0.015	-0.142	-0.41	-0.138	-0.355	-0.303	0.0004	-0.375
PCHAS_020720	0.6587	0.4363	0.4005	0.0453	-0.113	-0.34	-1.163	-0.549	-0.272	-0.974	-0.706	-0.306
PCHAS_124510	0.0617	-0.068	-0.193	-0.085	0.1577	0.5375	-0.342	0.351	0.2169	1.1859	0.7814	1.2134
PCHAS_146280	0.2836	-0.246	-0.021	-0.286	-0.097	0.3464	-0.377	-0.218	0.3918	1.2884	1.57	1.0182
PCHAS_111260	0.2442	0.4171	0.331	0.4728	0.024	-0.143	0.1919	-0.772	-0.279	-1.143	-0.99	-1.29
PCHAS_072930	0.4112	0.1456	0.6201	0.2567	0.0968	-0.407	0.6353	-0.486	-0.194	-1.055	-0.468	-0.846
PCHAS_143110	-0.243	0.2216	0.5235	-0.099	-0.039	-0.444	-0.001	0.4368	-0.465	0.157	0.4967	0.1532
PCHAS_146220	-0.312	-1.115	-0.513	-1.005	-0.202	0.1713	0.8012	0.781	0.1296	1.2276	1.4437	1.0715
PCHAS_121390	-0.005	0.2247	0.2156	-0.18	0.0101	-0.042	0.122	-0.368	-0.38	-0.374	-1.244	-0.494
PCHAS_093110	-0.389	0.2966	0.6309	0.2057	0.1505	0.338	-0.229	0.128	0.1133	0.3378	0.1764	0.0842
PCHAS_050750	-0.631	0.3115	0.3173	0.3703	0.182	-0.192	0.3323	-0.777	-0.267	-1.917	-1.076	-1.371
PCHAS_103890	0.0029	0.0822	-0.019	0.3518	0.3105	-0.09	0.7244	0.3412	-0.172	-0.224	0.1631	-0.266
PCHAS_114100	0.1197	-0.14	-0.225	-0.478	-0.161	-0.165	0.2489	0.0423	-0.203	0.5278	0.7128	0.6187
PCHAS_093570	-0.794	-0.119	0.1786	0.305	0.0628	-0.356	-0.421	-0.226	-0.414	-1.334	-0.425	-0.47
PCHAS_050470	0.4949	0.2761	0.6467	0.3011	0.1362	-0.143	0.4329	0.0349	0.0911	-0.723	-0.034	-0.718
PCHAS_041610	-0.441	-1.345	-0.518	-0.585	-0.119	0.1998	0.4055	0.4286	-0.046	0.5691	1.2008	0.4433
PCHAS_142290	-0.244	-0.141	0.0343	0.0488	0.1015	-0.242	-0.293	-0.142	-0.131	-1.152	-0.594	-0.853
PCHAS_000530	0.8743	0.9997	0.6696	-0.314	-0.557	-0.891	-1.101	-1.28	-0.831	-0.988	-0.124	-1.009
PCHAS_121510	0.2991	0.141	0.2324	-0.007	-0.031	0.5664	-0.206	-0.233	0.0196	0.3603	2.1057	0.5634
PCHAS_143310	0.5906	0.2059	-0.123	-0.025	0.0338	0.1571	0.6041	0.6843	0.3028	0.3963	-0.149	0.0805
PCHAS_062270	1.0513	0.4793	0.8432	0.092	0.0636	-0.424	0.3302	-0.038	-0.247	-0.758	0.4683	-0.26
PCHAS_123590	-0.419	-0.455	-0.05	-0.388	0.0602	-0.313	-0.356	0.4533	-0.591	-0.082	-0.443	-0.498
PCHAS_071890	-0.502	-1.408	-1.306	-1.418	-0.578	0.4196	0.1108	0.2805	0.1757	1.3874	1.1117	1.5724
PCHAS_030280	-0.817	0.3186	0.2324	-0.318	-0.362	-0.44	-0.401	0.0728	-0.544	-0.132	-0.287	-0.231
PCHAS_143360	-0.39	-0.423	-0.033	-0.419	-0.066	0.2071	0.3472	0.2657	0.1989	0.3706	0.3613	0.1687
PCHAS_124420	-0.159	0.0273	0.5075	0.1245	0.038	0.0176	0.2997	0.0683	-0.193	-0.246	0.1453	-0.399
PCHAS_072890	0.7183	0.5852	0.5486	0.3337	-0.058	-0.067	0.1544	0.1363	0.0031	-0.122	-0.337	0.0534
PCHAS_135080	0.9598	0.0296	0.0645	-0.357	0.1519	-0.525	0.2968	-0.006	-0.494	-0.353	0.5523	-0.537
PCHAS_040660	0.1665	0.1572	0.3219	0.3788	0.1783	-0.319	-7E-04	-0.101	-0.244	-0.919	-0.274	-0.405
PCHAS_144770	0.2858	0.3639	0.122	0.3231	0.1116	0.32	0.61	-0.276	0.2171	-0.739	-0.839	-0.519
PCHAS_134050	-0.846	-0.626	-0.378	0.183	0.2134	0.2105	0.4087	0.4092	0.2721	-0.072	-0.198	0.0655
PCHAS_061670	0.0641	0.1878	0.2248	0.0009	-0.16	0.0247	-0.018	0.2228	-0.076	0.0679	0.1641	0.3488
PCHAS_113630	-0.709	-0.07	-0.146	0.1757	0.2902	-0.225	0.2548	-0.437	-0.378	-0.445	-0.519	-0.451
PCHAS_141180	-0.224	-0.175	0.1507	-0.092	-0.083	-0.076	0.0994	0.3731	-0.045	-0.025	0.1878	-0.199
PCHAS_121210	0.8277	-0.052	0.7509	-0.095	-0.093	0.1076	0.5197	0.2088	-0.202	-0.213	-0.112	-0.083
PCHAS_142050	0.4908	0.3828	0.889	0.2811	0.0893	-0.622	0.8642	-0.292	-0.552	-0.42	-1.272	-0.483

PCHAS_140440	-0.529	-1.148	-0.78	-0.791	-0.224	0.5848	0.7841	0.4359	0.3041	1.0436	0.6812	1.12
PCHAS_121720	-0.865	-1.144	0.8693	0.9246	0.5994	0.007	0.8304	-0.417	0.2331	-1.024	-0.599	-1.127
PCHAS_092390	0.1278	-0.288	0.088	-0.362	-0.265	-0.147	0.2496	0.0803	-0.576	2.4285	1.8979	0.6569
PCHAS_031450	0.5771	0.1919	-0.294	0.0597	0.0264	-0.339	0.2883	-0.273	-0.23	-0.761	-0.469	-0.475
PCHAS_030710	0.1188	-0.086	-0.288	-0.271	-0.246	0.4861	0.296	-0.136	0.3388	0.4717	0.6505	0.3677
PCHAS_050830	-0.615	0.2102	0.2357	-0.06	-0.022	0.1038	-0.11	0.4856	0.1457	0.288	0.4258	0.4913
PCHAS_061160	0.3961	0.3257	0.1244	-0.753	-0.391	-0.336	-0.623	-0.188	-0.418	0.52	1.2627	0.5476
PCHAS_142040	0.1838	0.3886	0.8249	0.4139	0.1615	0.5065	1.3168	-0.293	0.4338	-0.324	-0.39	-0.042
PCHAS_081180	0.7434	0.4311	0.2695	0.0502	-0.033	-1.013	0.6668	-0.618	-0.793	-1.105	0.0211	-0.599
PCHAS_144620	-0.759	-0.093	0.9245	0.4049	0.4472	0.0825	0.0449	-0.098	0.1753	-1.193	-0.852	-0.831
PCHAS_146510	0.2215	0.0701	0.375	0.1772	0.3528	-0.123	0.4805	-0.583	-0.049	-1.16	-0.153	-0.874
PCHAS_082060	-0.523	-0.369	-0.326	0.0953	0.2269	0.2585	0.7042	1.0224	0.3306	-0.01	-0.781	-0.366
PCHAS_110870	0.532	0.4465	0.348	0.2561	0.1883	-0.076	-0.449	-0.47	-0.082	-1.073	-1.161	-0.554
PCHAS_093320	0.3813	-0.48	0.4759	0.0059	0.2817	0.2015	1.1716	0.8789	-0.279	0.2514	-0.076	0.5539
PCHAS_123160	0.2479	0.0323	0.4622	0.2568	0.1244	-0.185	0.2003	-0.052	-0.214	-0.374	0.1791	-0.374
PCHAS_081750	0.2238	0.2802	0.16	0.5308	0.0873	-0.134	-0.304	-0.372	-0.219	-0.654	-0.598	-0.42
PCHAS_144330	-0.164	0.1115	0.35	0.26	0.0173	0.0966	-0.752	0.0507	-0.067	-0.323	-0.102	-0.168
PCHAS_124460	-0.088	-0.084	0.0223	0.1521	0.11	0.3661	-0.205	0.2164	0.6792	0.678	-0.537	0.5804
PCHAS_131510	1.557	0.5618	0.3974	0.0228	0.1421	-0.217	0.3206	-0.388	-0.181	-1.301	-0.43	-0.684
PCHAS_144430	0.1213	-0.232	0.0301	0.1394	0.0169	0.3934	0.0689	0.2218	0.3042	0.1149	-0.38	0.3162
PCHAS_143020	-0.996	-0.571	-0.599	-1.117	-0.462	0.0961	0.2111	0.8431	0.0921	0.9544	0.7733	1.1244
PCHAS_111210	-0.281	0.548	0.586	0.6176	0.2177	-0.137	0.1386	-0.68	-0.064	-0.513	-0.869	-0.087
PCHAS_061360	0.3635	0.5142	0.6379	0.0369	0.3127	-0.389	0.4972	-0.059	-0.357	-0.217	0.3861	0.1017
PCHAS_092670	-0.125	-0.276	-0.137	-0.553	-0.379	-0.025	-0.245	0.3844	-0.083	0.1396	1.0338	0.7107
PCHAS_134920	0.5512	0.202	0.4248	0.0768	-0.268	-0.372	0.0833	-0.179	-0.32	-0.682	0.21	-0.371
PCHAS_080220	0.4874	0.5395	0.2927	0.4404	0.2596	-0.326	-0.162	-0.576	-0.319	-1.53	-1.59	-1.182
PCHAS_112410	-1.166	-0.498	0.4617	-0.391	0.1087	0.2231	0.7548	0.7504	0.0916	0.4844	0.6776	0.2297
PCHAS_141740	-1.281	-1.905	-1.857	-1.341	-0.21	0.5914	1.0234	1.0053	0.576	0.6689	0.036	0.4169
PCHAS_124200	-0.288	0.191	0.2901	0.0576	-0.149	0.192	-0.153	0.2377	-0.03	-0.516	0.3028	-0.285
PCHAS_142230	0.3077	0.4366	0.2383	0.4943	-0.102	-0.125	-0.479	-0.34	-0.107	-0.743	-0.647	-0.621
PCHAS_144760	-0.39	-0.207	-0.374	0.2181	0.3047	0.2598	0.146	0.2499	0.258	-0.516	-0.381	-0.43
PCHAS_134470	-0.258	0.1414	-0.008	-0.262	0.0379	0.4227	0.0829	0.067	0.2568	0.0576	0.2531	-0.03
PCHAS_072010	-0.032	0.1256	0.5004	0.0616	0.3491	-0.446	-0.182	0.2735	-0.187	-0.422	-0.552	-0.037
PCHAS_146760	0.6441	0.2152	-0.008	-0.032	-0.351	-0.217	-0.344	-0.537	-0.249	-0.706	0.2001	-0.796
PCHAS_102090	-0.037	-1.156	-1.071	-1.369	-0.46	0.2033	0.0437	-0.038	-0.004	1.0547	0.6296	0.9177
PCHAS_041160	-0.147	0.0307	0.5279	0.4026	0.0662	0.1303	0.0477	0.2152	0.1689	-0.74	-0.215	-0.684
PCHAS_070380	-0.129	-1.088	-0.407	-0.395	0.1802	0.7554	0.8432	0.6499	0.7946	0.6247	0.0845	0.0624
PCHAS_081550	0.0464	-0.439	0.1514	-0.276	-0.281	-0.151	0.215	-0.41	-0.228	0.1775	0.7582	0.2392
PCHAS_080610	0.2279	0.286	0.2989	0.0835	0.0016	-0.192	-0.027	-0.756	-0.185	-0.867	-0.639	-0.58
PCHAS_141960	0.4488	0.5483	0.5467	0.4921	-0.131	-0.274	-0.672	-1.352	-0.497	-1.947	-1.638	-1.202
PCHAS_110820	0.2481	0.0765	-0.564	-0.344	-0.154	0.2841	-0.382	-0.023	0.201	1.0435	1.3621	0.8393
PCHAS_041700	-0.102	0.4163	0.4623	0.3769	0.1456	0.197	-0.043	0.246	0.1092	0.1172	0.5158	0.3359
PCHAS_071380	0.7573	-0.268	-0.404	0.03	-0.021	0.2518	0.1945	-0.193	-0.113	0.5824	1.1746	0.1088
PCHAS_040980	-0.395	-0.193	0.7873	0.104	0.2477	0.2499	0.0102	-0.019	0.2185	0.5712	-0.256	-0.079
PCHAS_091110	-0.541	-0.353	-0.073	-0.067	0.2693	0.1297	0.6789	0.3131	0.2818	-0.655	-0.113	-0.579
PCHAS_010850	0.3147	0.4057	0.3257	0.0663	-0.186	0.0862	-0.4	0.0444	-0.148	-0.248	-0.435	-0.422
PCHAS_080330	-0.302	-0.813	-0.4	-0.641	-0.154	0.7155	0.4154	0.492	0.4542	1.3081	0.4149	0.8516
PCHAS_120650	-1.245	-0.087	0.1094	-0.009	0.2748	0.2336	0.6293	0.4996	0.2052	-0.241	-0.019	-0.459
PCHAS_124310	0.2842	0.1693	0.2185	0.2369	0.1408	0.0882	-0.203	-0.306	-0.094	-0.516	-0.454	-0.3
PCHAS_082100	-0.375	-0.347	-0.824	-0.395	-0.217	-0.081	0.4601	0.3211	0.012	0.2234	0.1326	0.3332

PCHAS_140710	0.2352	-0.028	0.0272	-0.293	-0.068	-0.151	0.6965	0.2257	-0.171	0.2683	0.2419	0.0873
PCHAS_050320	0.1316	0.4386	0.6888	0.4121	0.0371	-0.817	-0.407	-0.868	-0.739	-1.846	-2.277	-1.407
PCHAS_092680	-0.091	0.0972	0.247	0.4914	-0.072	0.2151	-0.205	-0.252	0.1079	-0.436	-0.852	-0.416
PCHAS_146210	1.0392	-0.027	1.0773	-0.087	0.1807	-0.202	0.5229	0.3696	-0.147	-0.558	0.4412	-0.329
PCHAS_132990	0.0638	0.062	-0.016	-0.159	-0.49	-0.717	-0.841	-0.217	-0.753	-0.106	0.3227	-0.408
PCHAS_130880	0.4149	0.0109	0.2676	-0.22	0.0221	-0.611	0.2863	-0.016	-0.366	-1.079	-0.356	-0.373
PCHAS_133460	0.5086	0.4358	0.3312	0.1316	0.0038	0.0851	-1.151	-0.249	-0.041	-0.331	-0.429	-0.257
PCHAS_031350	1.117	-0.153	-0.059	-0.282	-0.073	-0.03	0.1369	-0.176	0.1555	0.8971	1.8802	0.9791
PCHAS_145920	0.629	-0.425	-0.363	-0.196	-0.353	-0.277	0.2775	0.4558	-0.038	0.3214	0.5173	0.4026
PCHAS_000540	0.6719	-0.174	-0.005	-0.988	-0.179	-0.487	-0.288	-0.348	-0.587	0.0295	0.1795	0.2704
PCHAS_072230	1.1568	-0.377	-0.221	-0.516	-0.076	0.6429	-0.119	-0.444	0.2784	1.4953	1.8636	1.4353
PCHAS_090710	1.0578	0.3275	0.2431	0.7493	0.1609	-0.101	-0.875	-0.463	-0.08	-1.35	-2.088	-0.958
PCHAS_102560	-1.166	-0.925	-0.515	-0.218	0.0799	0.288	0.6457	0.9374	0.2642	0.5677	0.3618	0.3625
PCHAS_141790	-0.665	0.0026	-0.078	0.2751	0.1802	-0.015	-0.069	0.3034	0.3656	-0.164	-0.418	0.0199
PCHAS_113040	0.4004	0.0486	0.4407	0.3144	0.2305	-0.786	-0.904	-0.911	-0.858	-0.866	-0.899	-0.679
PCHAS_121200	0.4798	0.3185	0.4691	0.0123	0.0494	-0.548	-0.358	-0.56	-0.704	-0.862	-0.184	-0.667
PCHAS_061150	0.1829	0.2281	-0.154	-0.049	-0.192	0.185	-0.128	-0.181	-0.178	0.1154	0.4362	0.1027
PCHAS_101070	-0.395	0.2784	0.3024	0.2289	0.187	-0.449	0.7887	-0.488	-0.389	-0.999	-1.071	-0.808
PCHAS_080800	-0.304	-0.101	-0.199	-0.508	-0.179	-0.058	0.1037	-0.016	-0.02	0.1277	0.9541	0.0819
PCHAS_070980	-0.235	0.3895	0.08	0.2626	0.228	0.2496	0.3835	0.1944	0.4322	-0.357	-0.197	-0.071
PCHAS_122030	0.2536	-0.201	0.5263	0.2138	0.0541	0.1083	-0.083	-0.441	0.0187	-0.843	-1.212	-0.24
PCHAS_080690	0.3593	0.2031	0.362	0.1977	0.1903	-0.128	-0.149	-0.558	-0.235	-1.405	-0.495	-0.755
PCHAS_051460	-0.389	0.0863	-0.122	0.2193	0.1735	0.0931	-0.48	0.2559	-0.265	-0.49	-0.471	-0.32
PCHAS_122660	0.9103	0.5356	0.4011	0.3114	0.1691	-0.37	0.279	-0.156	-0.296	-0.631	-0.387	-0.015
PCHAS_051200	0.0246	0.0232	-0.037	-0.115	0.0117	-0.111	0.1484	-0.159	-0.432	-0.434	-0.334	-0.49
PCHAS_030590	-0.548	-0.245	-0.256	-0.437	-0.427	0.0505	-0.458	-0.513	-0.103	0.2685	0.342	0.7847
PCHAS_090740	-0.663	-0.967	-0.932	-0.566	-0.127	-0.393	0.337	-0.088	-0.263	0.7723	1.2077	0.5854
PCHAS_100370	0.1879	0.151	-0.09	0.0157	-0.042	-0.022	-0.179	-0.021	0.0018	0.3864	-0.062	0.1927
PCHAS_102740	0.726	0.438	0.3253	0.436	0.1457	-0.409	-0.479	-1.34	-0.514	-1.438	-0.878	-1.143
PCHAS_101110	0.5293	0.4948	-0.029	0.2481	-0.004	-0.313	-0.035	-1.28	-0.364	-1.606	-1.14	-1.092
PCHAS_143710	0.2012	-0.177	0.1507	-0.366	0.1831	-0.575	0.7081	0.2491	-0.082	-0.335	0.1527	-0.234
PCHAS_052060	0.0509	-0.314	-0.533	-0.53	-0.203	0.38	0.0935	-0.041	0.0966	1.4736	1.049	1.5377
PCHAS_120410	0.6256	0.211	0.3716	0.0632	0.0271	-0.117	0.3691	-0.051	-0.021	-0.577	-0.062	-0.647
PCHAS_143960	0.4809	-1.17	-1.291	-1.575	-0.858	-0.16	-0.809	-0.457	-0.287	1.6186	2.0244	1.6518
PCHAS_030680	-0.849	-0.616	-0.756	-0.493	-0.229	-0.257	0.7154	0.4145	-0.082	0.2133	0.5517	0.2605
PCHAS_100590	0.4568	0.48	0.7891	0.1664	0.0434	1.1725	2.4828	0.0684	1.1898	0.404	0.0517	0.2468
PCHAS_092540	0.8571	0.3697	0.2324	-0.341	-0.41	-0.896	-0.604	-0.614	-0.465	-0.689	0.1679	-0.793
PCHAS_061250	-0.207	-0.454	-0.513	-0.495	0.1068	0.1452	0.6478	0.303	0.1728	-0.047	-0.283	0.2817
PCHAS_050650	0.1113	-0.138	0.1857	-0.013	-0.138	-0.038	-0.046	0.0861	-0.38	-0.222	-0.066	-0.26
PCHAS_060710	0.4391	0.4919	0.4071	0.3915	-0.093	-0.391	-0.551	-0.589	-0.35	-1.17	-1.172	-0.796
PCHAS_000820	0.209	0.4748	0.2231	-0.549	-0.402	0.353	-0.316	0.2403	0.0633	1.6593	2.2489	2.1032
PCHAS_113260	0.4682	0.1806	-0.113	-0.149	0.0152	0.0482	-0.41	-0.138	0.0747	1.1348	0.9435	0.9455
PCHAS_132170	-0.804	-0.059	0.1645	0.0277	-0.027	0.0884	0.2895	-0.299	0.1688	-0.943	-0.805	-0.833
PCHAS_110940	-0.687	-1.132	-0.986	-0.771	-0.362	0.5225	0.2197	1.0449	0.5077	0.95	-0.05	0.6479
PCHAS_083220	-0.028	0.6027	0.5815	0.2989	0.1471	-0.063	-0.097	-0.429	-0.064	-0.694	-0.903	-0.726
PCHAS_132540	-0.614	-0.531	-0.666	-0.33	-0.48	-0.812	0.6845	0.3301	-0.307	0.7023	0.9088	0.234
PCHAS_113540	-0.446	-0.201	0.0335	-0.229	-0.098	0.064	-0.366	0.0716	-0.127	0.8635	0.8358	0.1128
PCHAS_082850	0.0202	0.012	0.5477	0.3038	0.0442	0.5561	0.6273	-0.043	0.0797	0.0653	0.6671	0.0604
PCHAS_143590	0.6733	0.3049	-0.012	-0.083	-0.146	-0.178	-0.338	-0.352	-0.349	-0.014	0.2453	0.059
PCHAS_041600	-0.691	-0.372	-0.343	-0.547	-0.067	-0.414	0.5112	-0.135	-0.226	1.0439	0.1484	0.8103

PCHAS_124520	0.2975	0.407	0.773	0.4246	-0.002	0.0539	0.136	-0.054	-0.014	-0.82	-0.049	-0.453
PCHAS_061050	0.0947	0.6974	0.8991	0.2509	0.097	-0.118	0.0145	-0.346	-0.105	-1.729	-0.615	-1.023
PCHAS_131970	-1.37	-0.332	0.1553	0.1205	0.3719	0.1396	0.4727	0.2035	0.2668	-0.866	-0.453	-0.698
PCHAS_090310	-0.204	0.159	0.4968	0.184	0.2323	-0.184	1.0692	-0.314	0.012	-0.836	-0.328	-0.559
PCHAS_103800	0.7323	0.3218	-0.303	0.4868	-0.45	0.1505	0.3884	-0.443	0.0514	-0.472	-0.152	-0.161
PCHAS_092380	1.1158	0.2661	0.573	0.3451	0.1879	-0.369	-0.165	-0.175	-0.289	-1.01	-0.425	-0.693
PCHAS_051420	0.663	0.0959	-0.15	0.2186	-0.108	0.1833	0.509	-0.041	0.1261	-0.438	-0.265	-0.233
PCHAS_040940	-0.439	-0.776	-0.825	-0.606	-1.37	-3E-04	-0.587	0.0081	0.0179	0.3165	1.6247	0.1337
PCHAS_145390	-0.758	-0.092	0.0896	0.3004	0.2697	0.3848	0.8904	0.4004	0.418	-0.016	-0.289	0.126
PCHAS_123860	-0.184	-0.191	-0.267	-0.166	-0.287	-0.004	0.3253	-0.191	-0.037	-0.506	-0.602	-0.557
PCHAS_131920	-0.032	0.0321	0.4405	0.1246	0.045	0.1719	-0.287	-0.388	-0.079	-0.616	0.0846	-0.663
PCHAS_091010	-0.222	-0.091	0.0216	-0.053	0.1185	-0.05	0.3597	0.2382	0.0247	-0.564	-0.293	-0.741
PCHAS_080790	-0.125	0.0298	0.091	0.1714	-0.041	-0.141	-0.104	0.0701	-0.074	-0.438	-0.121	-0.564
PCHAS_143540	0.5072	0.2125	0.3296	0.1441	0.1476	-0.368	-0.43	-0.698	-0.36	-1.589	-0.528	-1.028
PCHAS_136420	-1.126	-0.232	-0.883	0.6961	-0.61	0.3028	0.6473	0.4983	-0.111	-0.126	0.4398	1.1535
PCHAS_141970	-0.133	-1.347	-0.793	-0.78	0.1095	0.653	0.4937	0.6579	0.64	1.3061	0.0477	1.0373
PCHAS_123920	0.0477	0.2275	0.0875	-0.138	0.1171	-0.298	-0.027	-0.58	-0.277	-0.957	-1.064	-0.886
PCHAS_143970	0.262	-0.818	-1.319	-1.161	-0.377	0.6524	-1.015	-1.136	0.7307	1.109	0.8597	1.3142
PCHAS_083320	-0.421	-0.755	-0.379	-0.963	0.1114	0.4408	0.4131	0.3268	0.3771	0.4856	0.4141	0.2544
PCHAS_050370	0.234	0.1984	0.2709	0.75	0.1381	-0.212	0.1177	-0.069	-0.224	-0.425	0.0983	-0.274
PCHAS_072200	0.583	0.2175	0.2592	-0.261	-0.177	-0.324	-0.746	-0.066	-0.367	-0.143	0.7515	-0.071
PCHAS_000990	0.2487	0.2493	0.5647	-0.077	-0.024	-0.268	-0.335	-0.346	-0.49	-0.538	-1.788	-0.305
PCHAS_080970	0.0552	-0.653	-0.201	-1.218	-0.142	0.2099	0.6504	0.312	0.2246	1.2911	1.3382	0.7035
PCHAS_121710	-0.126	-0.062	0.2321	0.1593	0.0548	-0.171	-0.096	0.1818	-0.201	-0.766	-0.418	-0.352
PCHAS_071750	0.2856	0.7333	0.1488	0.1548	0.3074	0.1236	-0.302	0.1208	0.1894	0.3808	1.8051	0.8874
PCHAS_136690	0.1537	-0.028	0.0583	-0.032	-0.165	-0.077	-0.297	0.0261	-0.08	0.1178	-0.349	0.1139
PCHAS_090580	-1.297	-1.386	-1.221	-0.632	-0.117	0.4432	0.513	1.0398	0.4234	0.9588	0.992	0.6928
PCHAS_112770	0.2205	0.2198	0.3376	0.2923	-0.014	-0.426	-0.516	-1.217	-0.45	-1.794	-1.154	-1.427
PCHAS_134730	0.1886	0.3947	0.5562	-0.265	0.0688	-0.383	0.503	0.2445	-0.349	0.1365	0.8934	-0.499
PCHAS_141030	-0.246	-0.247	0.2351	-0.269	-0.158	-0.166	0.1297	0.0987	-0.533	0.0289	0.5295	-0.9
PCHAS_110230	-0.421	-0.628	0.4122	0.2132	0.1628	0.2593	-0.973	-0.138	-0.3	-0.457	-0.129	-0.622
PCHAS_041920	-0.365	-0.302	0.0978	-0.398	-0.093	-0.217	-0.364	0.1895	-0.14	-0.019	-0.038	-0.093
PCHAS_061900	-0.401	-0.67	0.4443	0.3113	0.0421	0.6368	-1.571	-0.384	-0.29	-0.489	-0.08	-0.335
PCHAS_102370	0.5597	0.2996	0.1732	-0.3	-0.199	-0.512	0.0491	0.007	-0.211	0.1017	0.4846	0.0346
PCHAS_020570	0.26	-0.575	-0.29	-0.621	0.1395	0.1192	0.6585	0.7292	0.1675	0.3443	1.2332	0.503
PCHAS_092510	0.7767	0.505	0.2105	-0.174	-0.014	-0.217	-0.185	-0.613	-0.205	-0.568	0.0266	-0.495
PCHAS_121610	0.0725	0.4911	0.7342	0.3001	0.007	-0.161	-0.603	-0.617	-0.257	-0.601	-0.997	-0.588
PCHAS_010610	0.5358	0.5547	0.6367	0.1444	0.322	0.1701	0.2795	-0.367	0.088	-1.305	-0.201	-0.96
PCHAS_092790	-0.687	0.0344	0.1766	0.3796	0.1748	0.2226	0.6857	0.3288	0.2928	-0.117	-0.818	-0.251
PCHAS_110500	0.3395	0.2296	0.3224	0.7668	-0.017	0.6389	-0.176	-0.284	-0.024	-0.765	-0.528	-0.79
PCHAS_082700	0.632	0.7927	0.7346	-0.506	-0.156	-0.756	-0.856	-1.29	-1.136	-1.003	-0.381	-1.065
PCHAS_090620	-0.242	1.2183	0.8277	-0.02	0.0686	-0.202	-0.738	-0.409	-0.139	-0.758	-0.493	-0.48
PCHAS_101440	-0.053	0.234	0.4274	0.4489	0.0299	0.6688	0.3425	-0.18	0.4338	-0.85	-0.255	-0.507
PCHAS_040890	0.1844	0.5119	0.3517	0.5255	0.1757	0.5923	-0.193	-0.131	-0.026	-0.37	-0.42	-0.236
PCHAS_061090	0.4896	0.6249	0.329	0.3015	0.0857	-0.35	-0.453	-0.472	-0.397	-0.582	-0.499	-0.078
PCHAS_143560	0.2095	-1.009	-1.186	-0.572	-0.461	-0.465	-0.468	-0.536	-0.419	0.4292	2.804	0.4645
PCHAS_081770	-0.3	0.4137	1.0544	0.4046	0.1455	0.3842	-0.137	-0.615	-0.025	-0.862	-0.55	-0.579
PCHAS_123990	0.6788	0.4712	0.6699	-0.206	-0.012	-0.389	0.4014	-0.008	-0.362	0.063	0.5057	-0.174
PCHAS_121660	-0.26	0.3007	0.6036	0.2276	0.2377	-0.116	0.22	-0.238	-0.299	-0.748	0.0933	-0.315
PCHAS_113170	-0.373	0.6344	0.2799	0.447	-0.039	0.1041	-0.075	-0.358	0.1015	-0.816	-0.926	-0.413

PCHAS_070810	0.2338	0.4806	0.6593	0.3342	0.0495	-0.188	-1.112	-0.801	-0.252	-0.905	-1.489	-0.852
PCHAS_050700	0.0724	-1.207	0.4977	-0.443	0.1016	0.1597	-0.146	-0.412	0.0781	0.2251	0.5005	0.1826
PCHAS_081700	-1.072	-0.741	-0.63	-0.491	0.1497	0.2286	0.5027	0.6362	0.206	0.2888	0.256	0.2041
PCHAS_113820	-0.411	0.1096	0.1724	0.8549	0.3235	0.5929	-0.652	-0.411	0.4834	-1.216	-1.712	-0.917
PCHAS_082790	1.1295	0.0142	-1.218	0.283	-0.287	1.1392	0.2454	0.3194	0.8999	0.0031	-0.19	0.5097
PCHAS_051640	-0.427	0.1308	0.1158	-0.141	0.0105	-0.25	0.2819	0.4202	-0.166	0.0129	0.0495	0.0014
PCHAS_135140	0.3944	0.3404	-0.328	0.0889	-0.209	-0.032	-0.372	-0.85	-0.455	0.0006	0.396	-0.258
PCHAS_072660	0.3384	0.1215	0.297	-0.045	0.0871	-0.34	-0.153	-0.035	-0.284	-0.308	0.2847	-0.428
PCHAS_144250	0.9654	0.3534	0.2293	0.342	0.0723	0.047	-0.645	-0.188	0.0835	-0.365	-0.527	-0.25
PCHAS_136300	-0.331	-0.573	-0.049	-0.129	0.058	0.0315	0.847	0.3743	-0.096	-0.063	0.4206	-0.134
PCHAS_123150	0.6198	0.3527	0.6925	0.3849	0.1583	-1.01	-0.395	-0.653	-0.556	-1.643	-1.338	-0.82
PCHAS_123370	-0.232	0.2473	0.1428	0.2817	0.0557	0.1085	-0.214	-0.101	-0.105	-0.537	-2.4	-0.203
PCHAS_120390	0.159	0.2493	0.6187	0.4483	0.3036	0.0872	0.5316	0.2012	-0.002	-0.885	0.2927	-0.274
PCHAS_090690	0.4576	0.3998	0.0536	0.2466	-0.037	-0.01	-0.308	-0.567	-0.16	-0.569	-0.296	-0.401
PCHAS_071300	0.247	0.2431	-0.311	-0.378	-0.179	-0.41	-0.235	0.1005	-0.264	0.5967	0.6996	0.4772
PCHAS_134480	-0.035	0.1671	0.5397	0.1143	0.2256	-0.191	0.5268	0.1095	-0.058	-0.625	0.1502	-0.644
PCHAS_122630	-0.638	-0.586	-0.116	-0.907	-0.064	0.156	0.6446	0.7469	0.211	0.6024	0.2491	0.0245
PCHAS_142070	-0.998	-0.802	-0.455	-0.607	-0.188	-0.03	0.6854	0.7925	-0.006	0.6056	0.3645	0.6226
PCHAS_020020	-0.604	0.0627	0.4809	0.4447	0.2054	0.0478	-0.29	-0.926	-0.181	-2.228	-1.207	-1.831
PCHAS_091990	-0.158	-1.191	-0.917	-0.661	0.0943	0.6674	-0.17	0.8466	0.6138	0.8556	0.2956	0.9299
PCHAS_141690	0.9153	0.51	0.7543	-0.078	0.1717	-0.461	0.0183	-0.646	-0.615	-0.495	-0.126	-0.239
PCHAS_102900	0.6046	-0.21	-0.002	-0.271	0.0486	0.2456	-0.104	-0.078	0.1701	0.9354	0.4884	0.529
PCHAS_101280	-0.462	-0.956	-0.958	-0.499	-0.105	0.1995	-0.667	-1.021	-0.341	0.7729	2.1936	0.1703
PCHAS_092260	0.4211	0.3025	-0.264	-0.395	-0.494	-0.02	-0.186	0.5142	-0.112	0.2812	1.0601	0.2205
PCHAS_134100	-0.408	-1.397	-1.009	-1.21	-0.105	0.3483	0.7467	0.5857	0.2837	0.7553	0.8071	1.1068
PCHAS_011200	0.2533	-0.184	-0.071	-0.225	-0.15	-0.154	0.0174	0.1963	-0.138	0.6758	0.7639	0.5494
PCHAS_080830	-0.068	0.0649	-0.13	-0.239	-0.076	0.1256	-0.252	-0.161	-0.226	-0.438	-0.309	-0.466
PCHAS_132390	-0.428	-0.078	0.0919	0.0615	0.2319	-0.035	0.5679	0.4336	0.105	0.1642	0.3692	-0.036
PCHAS_060500	-0.47	-0.164	0.0034	-0.003	0.2212	0.2218	0.705	0.3043	0.0895	-0.007	0.0656	-0.136
PCHAS_140800	-0.121	-0.11	-0.09	-0.014	0.0004	0.3149	0.3215	-0.164	0.2228	0.272	0.023	0.3698
PCHAS_020370	0.1404	-0.094	0.1179	0.0463	0.305	-0.295	0.6624	0.1356	-0.303	-1.456	-0.97	-1.001
PCHAS_131910	0.4359	0.2159	0.687	-0.123	-0.245	-0.632	-0.233	-0.158	-0.353	-0.587	0.2439	-0.442
PCHAS_050560	0.4626	0.6181	0.3941	-0.244	-0.275	0.004	-0.559	-0.12	-0.416	0.0175	0.675	0.2263
PCHAS_133640	-0.008	0.5256	0.182	0.1223	0.062	-0.167	-1.164	-0.422	-0.407	-0.614	-2.173	-0.593
PCHAS_136530	0.8132	0.1485	0.6227	0.1326	0.2754	-0.443	0.1893	0.1377	-0.332	-0.533	0.2804	-0.199
PCHAS_040930	-0.18	0.3796	-0.346	0.3132	0.1148	0.2876	-0.597	-1.016	-0.046	-0.23	-1.128	-0.714
PCHAS_136700	-0.391	-1.393	-0.559	-1.111	-0.273	0.0442	0.6729	0.6079	-0.084	0.5935	0.657	0.4006
PCHAS_093030	0.3199	-0.178	-0.157	-0.23	-0.031	-0.075	0.8712	0.5748	-0.135	0.2316	0.4519	-0.097
PCHAS_113380	0.3115	-0.046	0.206	0.0811	0.136	0.0976	-0.203	0.1134	0.1177	0.5714	-0.445	0.1664
PCHAS_102430	0.2709	0.3109	0.3896	0.3664	0.3148	-0.025	-0.073	-0.502	-0.099	-1.1	-0.982	-0.822
PCHAS_060590	-0.482	0.2105	0.0475	0.4579	0.1434	0.799	1.7332	-0.338	0.2542	-0.735	-0.719	-0.156
PCHAS_050570	0.1781	0.4452	0.5465	-0.051	0.0423	-0.157	0.0092	0.2346	-0.295	0.0851	0.5204	0.118
PCHAS_093740	-1.141	-0.833	-1.916	-0.574	-0.384	0.6192	0.3945	0.3227	0.1437	-0.122	0.0175	-0.059
PCHAS_041720	0.7686	0.2705	0.1785	-0.122	-0.273	-0.213	0.0807	-0.221	-0.248	0.1529	-0.015	0.1633
PCHAS_112120	0.2141	0.5246	0.1475	0.1659	0.1362	-0.219	-0.61	-0.418	-0.151	-1.625	-1.34	-0.577
PCHAS_144880	-0.895	-1.68	-1.402	-0.387	-0.447	-0.205	-0.674	-0.176	-0.011	0.4946	0.7974	0.8084
PCHAS_061210	0.4205	0.2529	-0.152	-0.013	-0.036	-0.33	-0.362	-0.772	-0.252	-1.029	-1.095	-0.967
PCHAS_121240	-0.395	-0.578	-0.726	-0.214	0.2418	0.2296	-0.034	0.1939	0.0728	0.075	-0.034	0.0991
PCHAS_142550	0.234	0.417	0.6517	-0.183	0.0814	-0.217	0.6162	0.394	-0.042	-0.843	0.5268	-0.245
PCHAS_110800	-0.029	0.1454	0.0199	0.3417	0.2651	0.3004	-0.456	-0.168	0.3134	-0.249	-0.924	-0.385

PCHAS_140860	0.2996	-0.131	-0.622	0.9115	-0.441	0.9548	0.5419	-0.465	1.1081	-0.616	0.0685	-0.02
PCHAS_091760	-0.812	-0.403	-0.236	-0.798	-0.269	0.2282	-0.135	0.3226	0.1192	0.183	0.1616	0.4058
PCHAS_140460	-0.076	-0.684	-0.296	-0.716	-0.007	0.0809	0.5901	0.8237	0.0761	1.0777	0.672	0.6835
PCHAS_144520	-0.076	-1.054	-0.763	-0.672	-0.197	0.5017	0.3659	0.4794	0.3757	1.0507	0.6229	1.1696
PCHAS_142620	-0.824	-0.046	0.3138	0.2879	0.4522	0.8842	0.7906	0.1297	0.5933	-1.334	-0.751	-0.89
PCHAS_050920	0.0694	0.2339	0.2744	0.5298	0.2627	-0.563	-0.211	-0.133	-0.29	-1.204	-0.466	-0.276
PCHAS_042070	-0.547	0.052	-0.013	0.2321	0.0214	0.0817	-0.198	0.3585	0.0295	0.0142	-0.41	-0.347
PCHAS_010720	-1.644	-1.11	-1.191	-0.94	-0.491	0.5984	0.6606	1.1836	0.3374	0.6277	0.4611	0.315
PCHAS_144810	0.1285	-0.25	0.2333	-0.586	-0.231	-0.268	-0.226	0.1077	-0.265	0.9152	1.5165	1.2506
PCHAS_135090	1.2231	-0.104	-0.888	0.3098	0.1758	0.3168	1.2465	0.2308	0.3065	0.8423	0.3409	0.2111
PCHAS_102530	-0.741	-0.238	0.1886	0.2154	0.0244	0.2893	0.2864	0.5912	0.2159	0.2015	0.2856	0.0336
PCHAS_050230	-0.943	-0.486	-0.354	0.0519	0.3277	0.4028	0.8386	0.473	0.5216	-0.14	-0.288	-0.116
PCHAS_122130	-0.47	-0.361	-0.302	-0.344	0.0055	0.1085	0.0508	0.2384	0.049	0.5308	0.3324	0.4163
PCHAS_060840	0.8623	0.5675	0.2773	0.1648	0.0312	-0.434	-0.772	-0.916	-0.5	-1.251	-1.069	-0.958
PCHAS_145100	-0.09	0.1348	0.483	0.1825	0.0438	-0.065	-0.34	-0.156	-0.022	0.2912	-0.836	0.1144
PCHAS_041550	0.2008	-0.095	-0.265	0.5418	-0.083	-0.285	1.6384	-0.288	-0.208	-0.395	-0.244	-0.185
PCHAS_111550	-0.311	-0.243	-0.166	-0.081	-0.105	-0.171	0.0449	-0.054	-0.249	0.2511	0.5435	-0.006
PCHAS_142060	-0.3	0.012	0.1243	0.058	-0.155	0.084	0.2967	0.1742	0.0496	-0.383	-0.128	-0.559
PCHAS_141380	0.1585	-0.552	-0.305	-0.489	-0.176	-0.08	-0.272	-0.054	-0.076	1.3693	0.9504	1.0128
PCHAS_082750	-0.361	-0.761	-0.262	-0.623	-0.13	-0.677	0.7935	0.5124	-0.667	-0.007	0.5205	-0.114
PCHAS_135120	-0.162	0.1486	0.0973	0.2543	0.1554	-0.029	-0.279	-0.576	-0.131	-1.548	-1.447	-0.671
PCHAS_051170	-0.455	0.1614	0.9941	0.1055	0.1649	-0.222	-0.224	0.2444	0.1151	-0.208	0.3103	-0.342
PCHAS_060300	-1.235	-0.933	-0.826	-0.325	0.0935	0.1469	0.6007	0.7592	0.2197	0.6355	0.1457	0.6554
PCHAS_083710	-0.885	-0.776	-0.841	-0.913	-0.483	-0.009	0.1958	0.5299	-0.047	0.4917	0.0701	0.6154
PCHAS_134340	-0.084	-0.204	0.2023	-0.397	-0.048	-0.136	1.0274	0.3568	-0.073	-0.538	0.1064	-0.883
PCHAS_050720	-0.965	-0.449	-0.455	-0.469	0.0249	-0.026	0.5703	0.7126	0.0787	0.4719	0.4681	0.3078
PCHAS_083580	0.066	-0.016	-0.16	-0.09	-0.005	0.0844	0.1771	0.3713	0.0067	0.4304	0.0932	0.4137
PCHAS_112450	-0.415	0.197	0.2547	-0.3	-0.437	-0.45	0.4848	-0.255	-0.588	-0.825	-0.572	-0.692
PCHAS_093010	0.4816	0.6348	0.5466	0.4191	0.0909	-0.121	-0.435	-0.118	-0.126	-0.542	-0.627	-0.055
PCHAS_145870	0.0349	0.122	0.0071	0.2193	-0.031	0.1665	-0.443	-0.012	-0.121	-0.193	0.0543	-0.29
PCHAS_071560	-0.133	0.3122	0.4959	0.3011	-0.326	-0.315	-0.288	-0.56	-0.207	-1.673	-2.599	-1.156
PCHAS_141730	-0.094	#####	-0.131	0.0279	-0.038	0.5276	-0.075	0.3098	0.3819	0.7345	0.4014	0.4929
PCHAS_031140	0.2778	0.4398	0.4417	-0.03	-0.105	-0.261	-0.32	0.1278	-0.175	0.0712	-0.191	-0.004
PCHAS_051820	0.0411	0.1182	0.1646	-0.116	-0.028	-0.387	-0.49	-0.256	-0.268	0.011	-0.113	0.1739
PCHAS_132230	0.821	-0.294	-0.25	-1.265	-0.356	-0.121	0.3329	0.078	-0.433	0.6678	2.6053	0.7358
PCHAS_080640	0.5573	0.2173	0.4081	0.2052	-0.092	-0.353	-0.466	-0.66	-0.383	-0.839	-0.54	-0.735
PCHAS_090340	-0.073	0.2027	0.0237	-0.123	-0.195	-0.305	0.6601	-0.32	-0.253	-0.781	-0.766	-0.466
PCHAS_112950	0.1874	0.1664	-0.047	0.5187	0.149	0.0798	0.3404	0.1506	0.0783	-0.149	0.2603	-0.167
PCHAS_061590	-0.659	0.0207	0.3381	0.4851	0.316	0.3453	-0.79	-0.215	0.1041	-0.143	0.408	-0.255
PCHAS_093310	-0.624	-0.375	0.6893	0.2132	0.1874	1.1976	0.2451	0.1275	0.4385	0.4593	0.4135	0.3578
PCHAS_091650	0.4632	0.6718	0.7927	0.1379	0.3031	-0.118	0.1528	-0.088	-0.192	-0.836	-0.49	-0.585
PCHAS_010970	-1.015	-0.437	-0.195	0.1039	0.1194	0.1794	0.4938	0.2833	0.2893	-0.584	-0.797	-0.703
PCHAS_092820	-1.441	-0.81	-0.467	-0.111	0.0041	0.3373	0.2758	0.3725	0.2584	-0.016	-0.411	-0.176
PCHAS_143550	0.507	-0.045	0.2465	-0.248	-0.116	-0.315	0.9182	0.0282	-0.322	-0.614	-0.237	-0.501
PCHAS_124010	0.6729	0.9383	0.6808	0.1505	-0.165	-0.293	-0.733	-0.834	-0.458	-1.518	-0.576	-0.686
PCHAS_141680	0.3358	0.2418	0.0187	0.273	-0.014	0.0267	-0.567	-0.572	-0.011	-1.107	-0.993	-0.959
PCHAS_060670	0.5527	-0.443	0.0088	-0.158	0.2538	0.3736	-0.573	-0.843	0.6225	0.3942	-0.123	0.7322
PCHAS_020500	0.514	0.5446	0.4641	0.3307	-0.105	-0.522	-0.542	-0.861	-0.622	-1.502	-0.705	-0.815
PCHAS_130550	-0.082	0.0477	0.2433	0.195	0.1985	-0.139	-0.273	-0.218	-0.022	-3E-04	0.2062	-0.12
PCHAS_143840	-0.196	-0.29	0.0216	-0.253	0.0846	-0.038	0.4817	0.5953	-0.122	0.7666	0.785	0.304

PCHAS_130570	0.1482	-0.118	0.5279	-0.087	0.0888	-0.095	0.2383	0.0595	-0.188	-0.587	-0.163	-0.697
PCHAS_103170	-0.317	0.2914	0.5748	0.3238	-0.053	-0.496	0.5122	-0.419	-0.528	-1.548	-2.024	-0.837
PCHAS_050990	-0.403	0.2184	0.6283	0.3501	0.5882	-0.054	0.4842	-0.345	0.055	-1.432	-0.773	-1.128
PCHAS_123710	0.4205	0.276	-0.028	0.3361	0.2219	0.1494	0.2403	-0.422	0.1934	-0.013	-0.067	-0.113
PCHAS_101880	0.3067	0.6017	0.5715	0.5403	0.0461	0.0749	-0.244	0.2872	0.1921	-0.739	-1.871	-0.731
PCHAS_090140	0.4936	1.3073	0.2765	0.1047	0.2095	-0.402	0.0495	-0.985	-0.253	-0.997	-1.804	-0.301
PCHAS_132960	-1.774	-1.179	-0.997	-0.272	0.0613	0.2712	0.5121	0.8428	0.44	0.486	0.4128	0.3279
PCHAS_142740	-0.607	-0.382	0.1584	0.4488	0.244	0.4722	-0.338	0.0216	0.36	-0.593	-0.738	-0.463
PCHAS_093280	0.1633	0.066	0.2713	0.1284	-0.015	-0.239	-0.073	-0.137	-0.362	-0.336	0.088	-0.495
PCHAS_121570	0.7098	0.1182	0.6964	-0.092	0.0468	-0.121	0.552	0.2146	-0.282	-0.537	-0.263	-0.463
PCHAS_131860	-0.321	0.0321	0.4092	0.2993	0.2656	0.2357	0.8425	0.1449	0.052	-0.124	-0.091	0.2001
PCHAS_060380	-0.26	-0.396	-0.282	-0.177	-0.049	0.415	0.5999	0.5936	0.3865	1.1233	0.4387	0.771
PCHAS_111600	0.3311	-0.135	0.483	-0.131	0.0736	-0.026	-0.074	0.3543	0.0819	0.3435	0.0969	-0.306
PCHAS_010840	0.8851	0.693	0.7429	0.2727	0.1547	-0.23	0.8937	-0.342	-0.36	-0.825	-0.522	-0.291
PCHAS_103330	0.2545	0.0442	0.1251	0.1239	0.0506	0.0357	0.3192	0.0166	-0.046	-0.453	-0.315	-0.252
PCHAS_130540	-1.244	-0.642	-0.825	-0.365	0.029	0.3579	0.551	0.6149	0.3846	0.3415	-0.008	0.0226
PCHAS_041200	0.1074	0.4019	-0.723	0.6464	-0.766	0.7393	0.6565	0.498	0.6394	-0.274	0.5763	0.2977
PCHAS_145060	-0.359	0.3938	0.2552	-0.144	-0.169	-0.537	0.0236	-0.175	-0.638	-0.465	-0.299	-0.328
PCHAS_072380	-0.181	-0.287	0.4661	0.0834	0.0181	-0.039	0.0908	-0.225	-0.264	-0.616	-0.185	-0.453
PCHAS_146840	0.1256	0.0954	0.0962	0.1493	0	-0.346	0.0977	-0.289	-0.297	-1.41	-0.756	-0.949
PCHAS_031520	0.6357	0.2224	0.1951	0.0024	-0.067	-0.063	0.2863	0.1111	-0.161	0.0172	-0.592	0.0844
PCHAS_000890	0.468	0.2866	-0.324	-0.216	-0.306	-0.594	-0.33	-0.225	-0.63	-0.37	1.0844	0.0959
PCHAS_143810	-0.623	-0.652	-0.562	-0.565	0.0187	0.2811	0.1471	0.2801	0.1932	0.4406	-0.131	0.8237
PCHAS_111350	-0.161	0.3972	0.0125	-0.008	0.0809	0.7317	-0.335	0.223	0.6564	0.7833	0.227	0.7087
PCHAS_132370	0.4284	-2E-04	-0.245	-0.386	-0.279	-0.245	0.4494	0.2607	-0.146	-0.195	-0.144	-0.186
PCHAS_144840	0.2006	0.5618	0	-0.193	-0.011	-0.321	0.892	-0.214	-0.206	-0.671	0.03	-0.629
PCHAS_130250	0.6977	0.6443	0.3806	-0.482	-0.443	-0.72	-1.16	-1.003	-1.014	-0.58	0.35	-0.204
PCHAS_114460	-0.156	0.1976	0.5848	-0.103	0.0021	-0.356	-0.209	-0.326	-0.384	-0.503	-1.039	-0.371
PCHAS_143030	-0.007	-0.054	-0.588	-0.394	-0.245	-0.213	0.4414	0.3431	-0.172	0.5341	0.6515	0.3341
PCHAS_123190	-0.192	-0.314	-0.102	0.0438	0.1037	-0.353	0.1056	0.0993	-0.005	-0.126	0.8907	-0.082
PCHAS_081930	-1.071	0.4994	-2.507	-2.361	-0.705	0.0725	0.6731	-0.129	-0.023	1.7665	1.6042	1.6111
PCHAS_133210	0.2513	0.4055	0.5826	0.4483	0.1196	-0.409	0.2738	0.0969	-0.338	-0.584	-0.526	-0.55
PCHAS_102510	1.1012	0.3012	0.3343	0.201	0.1081	-0.393	-0.597	-0.719	-0.462	-1.199	-0.678	-0.527
PCHAS_030370	0.7237	0.5477	-0.204	0.0607	0.1851	-0.607	-0.523	-1.405	-0.421	-1.44	-1.08	-0.765
PCHAS_133650	0.3388	-0.205	-0.347	-0.259	-0.127	0.2009	0.2323	-0.009	0.3156	-0.351	-0.144	-0.281
PCHAS_092780	-0.002	0.1436	0.4089	-0.263	0.0821	-0.075	0.0653	-0.229	-0.187	0.7998	0.8304	0.4112
PCHAS_111670	0.9311	-0.384	-0.255	-0.403	-0.212	0.5772	-0.406	-0.601	0.2685	1.7241	1.9851	1.5739
PCHAS_010450	-0.279	-0.538	-0.649	-0.246	-0.362	-0.038	0.23	0.3549	-0.313	0.3979	0.239	0.3016
PCHAS_133730	0.0472	-0.043	-0.034	0.0525	-0.097	0.1678	-0.05	-0.38	0.0513	0.4389	0.7379	0.5634
PCHAS_102040	0.5146	0.483	0.2433	0.1628	0.0057	-0.355	-0.075	0.0355	-0.12	-0.471	-1.355	-0.384
PCHAS_060320	-0.665	0.1464	-0.01	0.1543	0.1065	0.0745	0.4303	0.2181	-0.025	-0.389	0.0762	-0.403
PCHAS_093650	-0.174	-0.202	0.0085	-0.065	-0.053	-0.296	0.5064	0.0627	-0.191	-0.586	-0.09	-0.445
PCHAS_061850	-0.307	0.2035	0.364	0.3211	0.148	-0.113	-0.313	-0.195	-0.04	-1.137	-0.946	-1.043
PCHAS_144040	-0.14	0.3161	0.3847	0.447	0.3119	0.2253	0.1085	0.1339	0.2646	-0.128	-0.916	-0.196
PCHAS_060310	-0.442	-0.257	0.3152	0.0729	0.0478	0.0506	0.1822	0.1741	-0.012	-0.22	1.7514	-0.037
PCHAS_141170	-1.071	-0.526	-0.36	-0.276	0	-0.272	-0.225	0.8435	-0.017	0.2409	0.4436	-0.102
PCHAS_123810	-0.093	0.1777	0.2599	-0.065	0.1561	-0.076	-0.066	-0.342	0.0475	-0.198	-1.007	-0.249
PCHAS_120330	0.0108	0.3744	0.258	-0.055	0.1347	-0.148	-0.271	-0.486	-0.551	-0.162	-0.731	-0.316
PCHAS_142530	0.0731	0.0476	0.3398	0.2504	0.1596	-0.085	0.0134	-0.051	-0.106	-0.565	-0.343	-0.491
PCHAS_131140	0.5696	-0.038	-0.718	-0.997	-0.664	-0.861	-0.626	-0.308	-0.656	1.0254	1.35	0.4581

PCHAS_112000	-0.475	0.1005	0.8636	-0.115	0.0571	-0.486	-0.06	-0.528	-0.381	-0.686	-0.147	-0.735
PCHAS_071580	0.6654	0.3823	0.6708	-0.088	0.1095	-0.59	0.6559	-0.075	-0.342	-0.923	-0.153	-0.671
PCHAS_144890	0.2084	0.6235	0.2852	0.1722	-0.072	-0.286	-0.172	-0.21	-0.268	-0.863	-0.457	-0.336
PCHAS_132400	-0.682	-0.711	-0.687	-0.663	-0.053	0.285	0.0834	0.4002	0.3338	0.7797	0.5711	0.476
PCHAS_102870	-0.278	-0.426	0.2652	-0.191	-0.056	-0.393	0.3226	0.4474	-0.392	-0.158	-0.169	-0.334
PCHAS_124430	-0.071	-0.799	-0.772	-0.8	-0.007	0.9388	-0.033	0.5835	0.7432	0.7969	0.2534	0.8902
PCHAS_071900	-0.132	0.3876	0.0709	-0.342	0.0304	-0.301	-0.141	0.1863	-0.29	0.0624	0.3346	0.4139
PCHAS_132330	-0.32	-0.587	-0.331	-0.844	-0.09	0.032	-0.028	0.1509	-0.427	1.9137	1.9391	1.3448
PCHAS_093020	0.4218	0.5044	0.3044	0.0676	0.1304	0.1984	-0.275	-0.052	-0.102	-0.057	0.2249	0.0845
PCHAS_132830	1.2421	-0.652	-1.921	0.984	-0.972	1.2172	0.4806	0.4481	1.5367	0.1264	0.7332	0.3856
PCHAS_111630	0.094	0.5231	0.3114	0.5803	0.1679	0.245	-0.695	-0.45	0.1763	-0.973	-2.144	-0.924
PCHAS_071390	-0.359	-0.041	-0.457	0.1151	0.0148	0.6075	-0.165	0.1989	0.4213	0.8253	0.1171	0.6003
PCHAS_113980	0.3989	0.1429	-0.091	0.0386	-0.189	-0.256	-0.289	-0.251	-0.216	-0.634	-0.547	-0.253
PCHAS_134330	-0.4	-0.196	-0.191	-0.255	-0.04	0.0642	0.3845	0.5806	-0.159	0.6522	0.6223	0.4676
PCHAS_134890	-1.179	-2.395	-2.04	-1.564	-0.84	0.404	0.7763	0.9588	0.2417	1.0705	0.6164	0.8266
PCHAS_143440	-0.656	0.1278	1.0163	0.3099	0.2004	0.0049	1.2829	-0.52	0.1247	-0.77	-1.11	-0.551
PCHAS_100890	0.2073	0.1719	0.1428	-0.029	-0.123	-0.277	0.0887	-0.085	-0.305	-0.768	-0.328	-0.458
PCHAS_093210	0.5491	0.5273	0.5166	0.3708	-0.106	-0.186	-0.583	0.169	-0.064	0.8157	-0.207	0.3443
PCHAS_120610	-0.374	-0.711	-0.129	-0.479	-0.077	0.1582	0.7601	0.5356	0.2697	0.5606	0.5111	0.3397
PCHAS_090510	0.7647	0.2553	0.6821	0.339	0.1512	-0.278	-0.471	-0.959	-0.348	-1.41	-0.628	-1.002
PCHAS_011290	1.0996	-0.445	-0.575	-0.476	-0.295	0.4022	-0.574	-0.393	0.3013	2.3786	1.8538	2.0181
PCHAS_131900	-0.125	-0.332	-0.44	-0.297	-0.108	0.3145	-0.006	-0.153	0.3791	0.9319	0.4204	1.0284
PCHAS_124330	-0.072	-0.574	-0.076	-0.076	-0.268	0.0696	0.1974	-0.112	-0.018	0.7576	0.4861	0.9671
PCHAS_020190	-0.086	0.0896	0.3416	0.1815	0.3068	-0.149	0.7942	0.0834	-0.062	-0.736	-0.297	-0.564
PCHAS_031670	0.4759	0.4255	0.3002	-0.143	-0.219	-0.366	-0.106	-0.618	-0.295	-0.372	0.5503	-0.217
PCHAS_113470	-0.01	0.3184	0.1257	0.482	0.1773	0.0334	-0.809	-0.506	-0.117	-1.127	-1.3	-0.992
PCHAS_131030	0.3223	0.8282	0.7442	-0.26	-0.012	-0.918	-0.531	-0.212	-0.649	-0.42	-1.025	0.0777
PCHAS_135880	0.5602	-0.212	0.7414	-0.221	0.1703	-0.261	0.9794	0.3202	0.4115	0.6379	0.7809	0.0633
PCHAS_144140	-0.726	-1.224	-0.104	-0.958	-0.085	-0.132	-0.422	0.0195	-0.528	0.2287	0.5665	-0.008
PCHAS_040120	-0.418	0.0304	0.1342	-0.141	0.0383	0.0576	0.3865	0.3667	0.0283	0.0647	0.3257	0.0279
PCHAS_103130	-0.479	-0.325	-0.035	0.3533	0.1358	0.261	-0.129	0.3067	0.0148	-0.343	-1.388	0.1058
PCHAS_112090	-0.402	0.1518	0.4066	0.0084	-0.06	-0.038	0.3841	-0.332	-0.415	-0.188	0.3488	-0.264
PCHAS_061070	-0.103	0.1364	0.2559	0.5053	0.2191	-0.246	0.0778	-0.134	-0.297	-0.653	-1.438	-0.524
PCHAS_010250	0.4066	-0.083	0.1191	-0.048	0.0368	-0.276	-0.067	0.3093	-0.284	-0.413	-0.05	-0.116
PCHAS_145180	-0.883	-0.55	-0.995	-0.337	0.0185	-0.113	0.8174	0.8062	0.086	0.5897	1.0149	0.1714
PCHAS_020150	0.5071	0.2752	0.3059	0.0789	0.1548	-0.367	-0.524	-0.691	-0.315	-0.964	-0.852	-0.429
PCHAS_090850	-1.048	-0.721	-0.293	-0.406	-0.038	0.4368	1.1161	1.1243	0.4709	0.8724	0.621	0.6038
PCHAS_144020	-0.152	-0.107	0.0228	0.0536	0.106	-0.012	-0.379	-0.094	0.0116	0.3375	0.549	0.1032
PCHAS_146040	0.0813	1.1115	0.9875	0.2315	0.1958	-0.045	-0.582	-0.073	0.1774	-0.513	-0.899	-0.409
PCHAS_142410	-0.364	0.436	0.1454	0.2233	0.1646	-0.273	-0.028	-0.361	-0.139	-1.432	-0.752	-0.979
PCHAS_142690	-0.649	-0.465	-0.319	-0.388	-0.091	-0.003	0.4338	0.2066	0.0724	0.0807	-0.25	0.2572
PCHAS_090830	0.0432	0.0724	0.3444	-0.171	-0.053	-0.258	-0.138	-0.247	-0.26	-0.256	-0.787	-0.048
PCHAS_145770	0.8663	-0.548	-0.345	-0.502	-0.368	-0.676	0.1706	0.9358	-0.652	0.6249	1.0948	0.4941
PCHAS_111750	-0.52	0.485	0.8502	0.1861	0.0731	0.2009	0.093	-0.317	-0.008	-0.444	-0.641	-0.323
PCHAS_145840	1.9605	0.999	0.766	1.2329	-0.175	2.1914	1.4122	1.3267	2.0666	0.5635	1.3302	0.6273
PCHAS_020050	0.533	0.4102	0.3511	-0.156	-0.044	-0.434	0.1978	-0.027	-0.5	-0.745	0.2271	-0.401
PCHAS_041500	-0.977	-0.472	0.3745	0.023	0.2562	-0.042	1.6398	0.349	-0.186	0.214	0.1661	0.0315
PCHAS_143240	-0.457	-0.058	0.0509	-0.083	-0.114	-0.359	-0.01	0.2252	-0.407	-1.17	0.0553	-0.764
PCHAS_124490	0.4261	0.146	0.3922	-0.215	-0.348	-0.392	-0.095	-0.373	-0.352	-0.465	-0.314	-0.157
PCHAS_072220	-0.566	-0.97	-1.881	-1.456	-0.583	0.4495	-0.745	-0.685	0.3398	1.2756	1.3441	1.3344

PCHAS_136980	-0.995	-0.634	-0.13	-0.784	-0.096	0.2859	0.1287	0.6182	0.2454	0.3986	0.6218	0.2721
PCHAS_080920	-0.15	-0.13	0.124	0.0112	0.3343	0.4665	0.7968	0.3637	0.251	-0.448	-0.864	-0.459
PCHAS_101570	-0.299	-0.016	-0.026	0.0366	0.0887	0.091	0.3692	-0.233	0.1203	-0.606	-0.888	-0.535
PCHAS_111950	0.1923	-0.318	-0.186	-0.463	-0.139	-0.072	-0.4	-0.702	-0.119	0.0668	0.1194	0.1065
PCHAS_120130	-0.036	-0.285	-0.376	-0.336	-0.107	-0.161	-0.166	0.5879	-0.112	0.2497	0.3664	0.2863
PCHAS_130420	-0.366	-0.052	-0.062	0.4787	0.2715	0.2532	0.0325	0.0477	0.2609	-1.007	-0.861	-0.502
PCHAS_072480	0.5533	0.345	0.3654	0.0763	-0.038	0.3754	0.4478	-0.053	0.417	0.1225	0.292	-0.051
PCHAS_091970	0.1991	0.2024	0.2806	0.3855	0.1911	0.026	0.1996	-0.229	0.1542	-0.267	-0.806	0.1543
PCHAS_136310	-0.163	-0.52	-0.814	-0.468	-0.545	-0.251	0.4709	-0.174	-0.263	1.5785	2.3756	1.4589
PCHAS_100850	0.2314	0.4018	-0.324	-0.13	0.0472	-0.267	-0.405	-0.295	-0.415	-0.074	0.5513	0.1878
PCHAS_093780	0.5339	-0.054	0.1692	-0.042	-0.251	-0.02	0.6166	0.333	0.0054	0.0679	0.3287	0.0852
PCHAS_072430	0.0445	0.1789	0.0947	0.4702	0.1868	0.2639	-0.081	-0.048	0.225	-0.555	-0.608	-0.34
PCHAS_030980	0.3539	0.4285	0.3815	0.3253	0.0343	0.0098	0.7236	-0.012	0.1169	-0.258	0.1676	-0.296
PCHAS_090890	0.2535	0.1282	0.5939	0.1782	0.071	0.5265	0.2889	0.0577	0.043	-0.718	0.1924	-0.533
PCHAS_020380	-1.065	-0.677	-0.121	-0.332	0.0019	0.2705	0.8776	0.3433	0.2304	-0.269	-0.342	-0.593
PCHAS_100220	-0.716	-0.473	-1.438	-0.59	-0.121	0.5046	0.475	0.5304	0.4139	0.2927	-0.028	0.2236
PCHAS_120790	-0.202	-0.209	-0.097	-0.215	-0.102	0.0534	0.3439	0.3721	0.1088	-0.055	-0.055	-0.297
PCHAS_081490	0.6059	0.0719	0.8353	0.3112	0.1255	0.2226	0.1655	0.1369	0.2008	-0.462	-0.736	-0.11
PCHAS_102360	0.0778	0.2711	-0.502	0.4238	-0.408	0.3338	-0.379	-0.443	0.3656	-0.879	0.3292	-0.191
PCHAS_093550	-0.044	0.1892	0.0994	0.4302	0.1079	0.1549	-0.027	0.1998	0.0263	0.0189	-1.562	-0.015
PCHAS_090660	-0.048	0.0666	0.2347	0.0021	0.0504	-0.035	-0.052	-0.069	-0.233	-0.351	-0.102	-0.401
PCHAS_121600	0.3433	-0.008	1.076	0.1733	0.2842	-0.07	0.8526	0.3976	-0.009	-1.037	-0.82	-0.624
PCHAS_083030	-0.205	-0.204	-0.024	-0.083	-0.167	0.158	-0.287	-0.04	-0.324	-0.568	-0.295	-0.57
PCHAS_062120	-0.284	-0.331	-0.237	-0.3	-0.222	-0.67	0.0925	0.641	-0.271	0.5662	0.6673	0.5468
PCHAS_135180	0.3568	0.2526	0.2494	0.1819	0.0321	-0.114	-0.033	-0.023	0.01	0.005	0.1121	0.0708
PCHAS_051000	-0.269	-0.017	0.5783	0.3773	0.1885	-0.217	0.1662	-0.153	-0.233	-0.734	-0.359	-0.5
PCHAS_134020	-0.175	0.2295	-0.284	-0.03	0.143	-0.372	0.1788	0.4906	-0.376	-0.171	0.2253	-0.251
PCHAS_133840	0.586	0.2647	0.6362	0.2053	0.37	-0.636	-0.423	-1.063	-0.618	-1.524	-0.501	-0.765
PCHAS_145650	-0.03	-0.416	-0.46	-0.355	0.1603	0.4758	-0.338	0.1018	0.4804	0.5627	-0.311	0.1701
PCHAS_061170	-0.077	0.5084	0.5433	-0.163	0.1782	0.6976	-0.033	-0.288	-0.508	-1.418	-0.446	-0.258
PCHAS_113220	-0.345	-0.367	0.2006	0.2662	0.1953	0.6348	1.0314	0.5144	0.4179	-0.294	0.551	-0.115
PCHAS_041870	0.3334	0.0374	0.4469	-0.112	0.3756	0.6756	0.2255	-0.284	0.5122	0.1726	0.2225	0.1582
PCHAS_050170	0.7535	-0.592	-0.319	-0.484	-0.071	-0.005	-0.468	-0.261	0.453	1.3122	-0.277	1.1034
PCHAS_111340	-0.658	-0.193	0.3791	0.148	0.1631	0.0491	0.2839	0.1223	-0.159	0.4316	-0.967	0.2069
PCHAS_101760	-0.212	0.1588	0.0629	-0.018	0.0932	0.0263	0.8734	0.5266	0.0476	-0.149	0.4609	-0.145
PCHAS_111290	0.3631	-0.587	-0.477	-0.363	0.0388	0.5188	0.1002	0.5563	0.6877	0.8989	0.256	0.8441
PCHAS_062050	0.4159	-0.032	0.4449	-0.13	-0.086	-0.664	-0.458	-0.144	-0.71	-0.378	-0.424	-0.263
PCHAS_101040	0.3366	-0.339	0.4132	-0.296	0.0849	-0.424	-0.099	-0.108	-0.422	0.121	0.4237	0.3868
PCHAS_092180	-0.394	-1.029	-0.983	-1.07	-0.363	-0.145	-0.687	-0.486	-0.037	1.8641	2.1122	1.4369
PCHAS_091710	0.3674	0.3227	0.34	0.5196	0.2435	-0.104	-0.859	0.0062	-0.106	-0.892	-1.023	-0.483
PCHAS_030360	-0.891	-0.66	0.2958	0.302	0.2474	0.1413	0.9747	0.4154	-0.035	-0.047	-0.553	-0.138
PCHAS_144360	0.3336	0.8969	0.1885	-0.071	-0.118	0.9907	-0.076	0.06	0.5317	0.2486	0.5876	0.2412
PCHAS_082340	0.5284	0.2547	0.2781	-0.282	-0.35	-0.318	-0.358	-0.97	-0.364	-0.908	0.1913	-0.556
PCHAS_061880	1.6372	0.5534	-0.899	0.7746	-0.268	0.9213	0.8071	0.7649	0.5122	0.1922	0.2745	-0.027
PCHAS_101260	0.2279	0.0228	0.1508	0.314	0.1931	0.0216	0.9026	0.4919	0.1661	-0.383	0.0026	-0.284
PCHAS_020490	-1.675	-1.748	-1.872	-1.18	-0.168	0.1479	0.6634	0.8068	0.4115	1.1957	0.5492	0.774
PCHAS_120690	0.2184	0.2449	0.5035	0.0607	0.0182	-0.249	-0.81	-0.523	-0.29	-0.901	-0.887	-0.817
PCHAS_112380	-0.806	-0.518	-1.413	0.3543	-0.143	1.0408	-0.41	0.0889	0.6249	1.042	0.351	0.3452
PCHAS_131730	0.0469	0.2631	0.4023	0.1504	-0.023	-0.157	0.0795	-0.171	-0.32	-0.128	-0.723	-0.221
PCHAS_071130	1.0482	0.7098	0.5998	-0.017	0.0794	-0.615	-0.883	-0.584	-0.565	-0.391	-0.056	-0.168

PCHAS_111650	-0.389	-1.866	-0.848	-1.336	-0.329	0.1064	-0.199	-0.151	0.2265	1.0969	0.5996	0.8799
PCHAS_071160	0.2299	-0.282	-0.555	-0.034	-0.087	0.2183	-0.302	0.0604	0.0043	0.8918	1.1127	0.933
PCHAS_110780	0.0577	-0.061	-0.564	-0.023	-0.247	0.5365	-0.32	-0.14	0.522	1.1956	0.4213	0.7456
PCHAS_135680	-0.418	-0.022	0.4134	-0.003	-0.38	-0.304	-0.214	-0.466	-0.311	-0.461	0.4455	-0.296
PCHAS_140850	-1.028	-1.141	-0.798	-0.664	-0.276	-0.155	0.8646	1.0709	0.1285	0.7082	0.8868	0.5555
PCHAS_146120	0.4091	0.035	0.0692	-0.253	0.0645	-0.239	0.1517	-0.119	-0.31	-0.247	-0.045	0.4004
PCHAS_041100	-0.197	0.2403	0.0791	0.2641	-0.016	0.31	0.0733	0.0322	0.2334	-0.277	-1.029	-0.128
PCHAS_052420	-0.068	0.3078	0.5236	0.1002	-0.046	-0.134	-0.621	-0.31	-0.209	-0.458	-1.07	-0.681
PCHAS_093260	-0.063	0.1792	0.1462	0.2936	0.1139	0.0516	-0.334	-0.199	0.208	-0.589	-0.66	-0.622
PCHAS_020300	0.0228	-0.733	-1.354	-2.068	-0.942	-0.686	-1.163	-0.934	-0.784	1.1998	2.258	1.6023
PCHAS_041650	0.5697	0.2873	0.468	0.451	0.0751	-0.132	0.4154	-0.028	0.0745	-0.504	-1.458	-0.493
PCHAS_102670	0.0646	0.23	0.5304	0.3943	0.0751	0.0214	-0.205	0.037	-0.008	-0.945	-1.6	-1.06
PCHAS_092310	-1.889	-1.765	-1.58	-1.296	-0.01	0.5199	1.3656	1.3267	0.6081	0.3365	0.194	-0.15
PCHAS_132860	1.0129	0.3099	-0.384	0.7138	-0.224	1.0391	0.8447	0.4578	0.9927	0.0008	0.215	0.3852
PCHAS_113120	0.3677	0.3318	0.4449	0.1107	-0.145	-0.435	-0.185	-0.2	-0.507	0.2409	-0.038	-0.456
PCHAS_080980	-1	-0.419	-0.418	-0.366	-0.235	-0.571	-0.644	-0.125	-0.557	0.7353	-0.002	0.9135
PCHAS_113140	0.835	0.5768	0.7555	0.3872	0.3338	0.065	-0.2	-0.473	-0.29	-2.191	-0.959	-0.68
PCHAS_130780	0.1756	0.2196	0.2861	0.2248	0.1064	-0.252	0.1029	-0.203	-0.357	-0.85	-0.464	-0.419
PCHAS_051340	0.0652	0.4745	0.6604	0.6137	0.1153	-0.012	-0.597	-0.93	-0.218	-1.478	-1.389	-1.226
PCHAS_000150	0.5191	0.1078	0.2404	-0.335	-0.53	-0.515	-0.472	-0.47	-0.544	-0.037	0.3656	0.4027
PCHAS_132130	0.2284	0.3124	0.5591	0.0441	0.0366	0.2578	-0.582	-0.198	-0.323	-0.314	0.4096	-0.328
PCHAS_123670	0.0732	-0.008	-0.025	0.198	0.1992	-0.294	-0.048	-0.456	-0.304	-1.328	-1.414	-0.892
PCHAS_103430	0.2859	0.311	0.4295	-0.103	0.0335	-0.272	-0.062	-0.193	-0.343	-0.554	-0.312	-0.414
PCHAS_051960	-0.445	-1.971	-1.888	-1.514	-0.39	0.56	0.2173	0.2559	0.5706	0.6464	0.608	0.7863
PCHAS_090290	-0.379	1.1805	-0.407	-0.533	-0.152	-0.042	0.0561	0.0381	-0.174	-0.28	1.4276	0.2807
PCHAS_143230	0.265	0.2951	0.4178	-0.012	0.249	-0.319	0.2228	0.0176	-0.342	-0.638	0.1545	-0.609
PCHAS_110740	0.472	-0.376	-0.959	-0.59	-0.164	-0.05	0.0336	0.1373	-0.012	1.0571	1.4138	0.7191
PCHAS_132310	0.344	0.1697	0.6862	0.1266	0.3166	-0.581	0.2941	-0.171	-0.556	-2.318	-0.173	-1.084
PCHAS_083730	1.0204	0.4979	0.0595	-0.296	-0.749	-0.506	-1.189	-0.316	-0.285	1.132	2.8596	0.617
PCHAS_060750	0.783	0.2271	0.4572	0.3681	0.1231	-0.285	0.1066	-0.779	-0.318	-1.282	-0.71	-0.952
PCHAS_113620	-0.265	-0.261	0.3366	-0.169	-0.126	-0.558	-0.186	-0.474	-0.487	-0.858	-0.588	-0.654
PCHAS_091920	0.4163	0.4208	0.469	0.3637	0.147	-0.313	-0.776	-0.647	-0.344	-1.413	-1.502	-1.139
PCHAS_144070	0.1725	0.1288	0.3253	0.0064	0.1273	0.044	0.2293	0.2178	-0.255	-0.69	0.3388	-1.05
PCHAS_031640	0.1142	0.2472	0.5859	0.9164	0.303	0.5232	0.3512	0.1734	0.3512	-1.433	-0.582	-0.354
PCHAS_121380	-0.248	0.0626	0.1088	-0.008	0.0937	-0.371	0.2822	-0.006	-0.162	-0.694	0.4047	-0.435
PCHAS_136360	-1.236	-0.445	-0.318	-0.433	-0.141	0.2809	0.0913	0.3178	0.1761	-0.227	-0.324	-0.213
PCHAS_072090	0.5361	0.3766	0.0396	-0.16	-0.183	-0.126	-1.231	-0.545	-0.198	-1.019	-0.271	-0.547
PCHAS_133800	0.883	0.68	1.125	0.0134	0.0862	-0.207	0.0712	-0.478	-0.057	-0.92	-0.088	-0.528
PCHAS_011070	0.115	0.0188	-0.09	-0.032	0.0266	0.4366	-0.481	0.0387	0.4274	-0.069	-0.377	-0.108
PCHAS_111860	-0.113	-0.101	0.2267	-0.12	-0.143	-0.187	0.2497	0.1587	-0.093	0.0895	0.2237	0.1909
PCHAS_102630	0.336	0.3472	0.4227	0.3515	0.1279	-0.3	-0.526	-0.405	-0.135	-0.479	-1.043	-0.519
PCHAS_113180	-0.393	0.1952	0.2959	-0.1	0.262	-0.619	-0.294	-0.073	-0.26	-0.476	-0.504	-0.087
PCHAS_111070	0.1122	0.4457	0.4174	0.5415	0.1609	-0.272	-0.969	-0.768	-0.179	-1.083	-1.418	-0.761
PCHAS_093220	-0.062	0.4178	0.0636	0.2095	0.0221	0.0597	0.0533	-0.014	-0.075	-0.428	-0.351	-0.46
PCHAS_131780	0.3475	0.2973	0.365	0.0782	0.0346	-0.337	0.4393	0.1524	-0.53	0.2297	1.2672	0.5617
PCHAS_112300	0.0793	0.0738	-0.158	-0.197	-0.12	0.4092	-0.262	0.1062	0.3768	0.113	-0.994	-0.004
PCHAS_146020	-0.202	-0.067	0.1177	-0.056	0.1209	0.2688	0.5681	0.1937	0.5115	0.5337	0.3338	0.245
PCHAS_142580	0.1794	0.075	0.6393	-0.181	-0.03	0.4358	0.6287	0.499	0.2364	0.7394	0.7136	0.3669
PCHAS_142870	0.3006	0.4927	-0.33	0.5241	-0.501	-0.4	-0.652	-0.019	-0.337	-0.801	-0.38	-0.359
PCHAS_123060	-0.615	-0.212	0.335	0.1524	0.1807	0.3864	-0.29	-0.515	-0.012	-0.797	-0.735	-0.644

PCHAS_070680	0.1937	0.0871	0.1228	0.0518	0.2014	-0.123	0.3503	-0.007	-0.158	-0.61	-0.196	-0.464
PCHAS_135510	-0.15	-0.556	-0.815	-0.427	-0.185	1.1319	1.2426	0.2276	0.5312	2.5176	1.5817	2.1471
PCHAS_010170	0.223	0.3241	0.6886	0.3963	0.2034	-0.077	0.1729	-0.225	-0.094	-1.037	-0.919	-0.703
PCHAS_132620	-0.33	-0.828	-0.06	-0.793	0.1593	0.4654	0.931	0.6543	0.3001	0.8781	0.6469	0.5021
PCHAS_020260	-0.53	-0.966	-0.564	0.124	-0.247	0.2645	0.8475	0.3464	0.3081	-0.19	0.0075	-0.097
PCHAS_072970	1.6041	0.318	-0.673	0.4163	0.0999	0.3714	-0.51	0.0088	-0.02	-0.12	-0.456	0.1316
PCHAS_146360	0.1397	-0.345	0.4119	0.0793	0.154	0.1621	0.7464	0.5572	0.1191	0.4867	0.6401	0.2113
PCHAS_120540	-0.049	0.0335	0.7785	0.2028	0.047	-0.284	0.5816	-0.136	-0.242	-1.012	-0.141	-0.696
PCHAS_130930	0.8927	0.5595	0.5471	0.4101	0.1665	-0.362	-0.183	-0.611	-0.261	-1.899	-1.342	-1.091
PCHAS_090150	0.2243	0.5025	0.4045	0.1105	0.022	-0.303	-0.016	-0.354	-0.366	-0.785	-0.023	-0.554
PCHAS_051680	0.0434	-0.121	0.0386	-0.081	-0.092	0.1976	-0.406	-0.197	0.1737	0.3252	-0.407	-0.005
PCHAS_091450	-0.002	0.1746	-0.614	0.0209	0.3234	0.2632	0.3174	0.1863	0.1251	-1.695	-1.261	-0.309
PCHAS_000950	-0.406	0.2059	0.1716	0.2173	-0.034	-0.179	-0.28	-0.248	-0.217	-0.721	-0.901	-0.582
PCHAS_082370	-0.4	0.5147	0.1214	0.7265	0.3507	0.0516	-0.241	-0.786	0.0653	-1.341	-1.116	-0.998
PCHAS_081560	0.312	0.4882	0.622	0.369	0.1235	-0.575	-1.057	-1.191	-0.626	-1.459	-0.972	-0.979
PCHAS_091350	0.224	0.1289	0.0094	0.1263	-0.019	0.2951	-0.45	0.3552	0.2525	0.5343	2.3405	0.9329
PCHAS_091220	-0.388	-0.386	-0.299	0.0544	-0.057	0.0194	-0.08	0.2202	0.194	0.4807	1.6812	0.4052
PCHAS_052120	-0.202	-0.055	0.3083	0.1629	-0.021	-0.248	-0.886	-0.321	-0.37	-1.059	-0.794	-1.188
PCHAS_061920	-0.076	0.1466	0.3142	0.0331	0.0877	-0.186	-0.081	0.2973	0.0228	-0.421	0.3006	-0.456
PCHAS_142100	-0.113	0.0742	0.0535	0.114	0.1455	-0.132	0.6611	-0.02	-0.045	-0.439	-0.166	-0.352
PCHAS_100410	0.3304	0.0648	0.3854	-0.427	0.0389	0.0864	0.2395	-0.03	-0.174	-0.214	0.6339	-0.242
PCHAS_040670	-0.726	-0.645	-0.578	-0.736	-0.194	-0.08	0.2546	0.2947	0.0009	0.9229	1.0114	0.5061
PCHAS_122140	-0.096	-0.099	-0.017	0.0769	-0.077	0.0497	-0.035	0.0031	0.2432	0.1142	0.3361	0.2568
PCHAS_131120	-0.27	0.0526	0.5137	0.0282	0.2141	-0.259	-0.418	-0.204	-0.253	-0.46	-0.3	-0.352
PCHAS_052150	0.6014	0.6716	0.5747	0.0617	-0.083	-0.326	-1.35	-0.721	-0.575	-1.16	-0.977	-0.723
PCHAS_091430	0.2252	0.1419	0.7705	-0.242	0.0394	-0.261	-0.047	0.385	-0.38	0.2152	0.6741	-0.402
PCHAS_081520	0.0376	0.3769	0.2628	0.4448	0.1029	-0.133	-0.129	0.0978	-0.272	-0.399	-0.995	-0.459
PCHAS_131300	-0.042	-0.008	-0.939	0.368	-1.019	0.206	-0.018	-0.238	0.0368	0.149	0.1022	0.3003
PCHAS_093440	-0.114	0.0199	-0.043	0.0948	0.227	-0.119	-0.181	-0.254	-0.301	-0.717	-0.518	-0.31
PCHAS_071660	-0.11	0.155	0.0502	0.0918	0.1212	0.0512	0.0084	0.1521	-0.088	-0.135	-0.482	0.0736
PCHAS_050310	0.0205	-0.186	0.2488	0.1638	0.0486	0.0961	-0.422	-0.176	-0.255	-0.16	-0.802	-0.268
PCHAS_130710	0.0666	-0.241	-0.763	0.0208	-0.137	0.608	-0.333	0.0373	0.3362	0.5372	-0.012	0.3811
PCHAS_130660	-0.592	-0.572	-1.248	-0.257	-0.63	0.0771	0.0888	0.4232	0.026	0.5215	0.8073	0.9136
PCHAS_121260	0.1533	0.3871	0.4783	-0.071	0.1095	-0.287	0.1077	-0.242	-0.358	-0.695	-0.587	-0.037
PCHAS_122580	-0.311	0.9121	0.8729	0.3439	0.2732	0.0153	-0.074	-0.028	0.2428	-0.463	-0.263	-0.474
PCHAS_134170	0.2985	0.0853	-0.025	0.2472	0.1124	-0.083	-0.007	-0.382	-0.025	-0.522	-1.019	-0.546
PCHAS_122920	0.002	0.0975	0.4425	0.1938	0.1833	0.1634	0.4468	0.4996	0.2857	0.3526	-0.304	0.0987
PCHAS_136050	0.0894	0.3557	0.3351	-0.021	-0.079	-0.605	-0.332	-0.875	-0.584	-1.698	-0.093	-0.667
PCHAS_100740	-0.004	0.6919	0.8093	-0.107	0.2511	-0.738	-0.206	-0.235	-0.654	-0.645	-0.576	-0.737
PCHAS_131060	0.2086	0.438	0.6216	0.8218	0.2102	-0.886	-0.666	-0.801	-0.777	-1.659	-1.619	-0.486
PCHAS_134400	0.8327	0.8878	0.538	0.7653	0.1306	1.311	0.9755	0.5637	0.7795	0.2813	-0.365	0.4329
PCHAS_080650	-0.726	-0.313	-0.32	-0.012	0.0171	-0.002	0.5266	0.6536	0.0704	0.1856	0.3944	-0.054
PCHAS_140420	-0.092	-0.235	0.0198	-0.11	-0.026	0.1567	0.2648	0.2046	0.1529	0.2978	-0.447	0.0874
PCHAS_145360	-0.123	0.146	0.3034	-0.1	0.2328	-0.197	0.2645	0.0907	-0.293	-0.524	0.2066	-0.291
PCHAS_112890	-0.616	-0.121	0.1012	0.489	0.2796	0.2647	0.838	0.237	0.2541	-0.544	-1.035	-0.642
PCHAS_081660	-0.261	0.7012	0.6784	0.3368	0.2116	-0.145	0.1074	-0.25	-0.351	-1.261	-0.521	-0.514
PCHAS_031210	-0.133	0.0829	0.6432	0.0471	0.1468	0.0099	-0.161	0.051	-0.138	-0.066	0.1914	-0.339
PCHAS_051740	0.4783	0.3685	0.2892	0.5874	0.3778	0.0912	-0.645	-0.264	-0.039	-0.552	-0.687	-0.524
PCHAS_010900	0.0604	0.2514	0.8266	0.2	0.2789	-0.277	0.2006	-0.007	-0.263	-0.95	-1.332	-0.477
PCHAS_101680	0.1915	-0.358	0.1842	-0.554	0.094	-0.494	0.1518	-0.109	-0.605	-0.244	0.8204	-0.356

PCHAS_051410	1.2971	0.1999	-1.819	0.6498	-1.409	0.852	1.3762	0.2173	0.6384	0.9028	-0.235	0.0472
PCHAS_103780	-0.79	-0.161	0.2466	0.0389	0.1242	-0.036	-0.279	0.0174	-0.071	-0.431	-0.91	-0.582
PCHAS_143680	0.6051	0.3741	-0.038	0.1661	-0.132	-0.501	-0.442	-0.802	-0.488	-0.657	-0.413	-0.412
PCHAS_120940	1.1919	-0.12	-0.412	-2.532	-0.974	-1.095	-2.085	-1.072	-1.363	0.3655	1.6407	0.9989
PCHAS_100170	0.1283	0.1558	0.1892	0.4317	0.3237	0.1353	0.1961	-0.114	0.043	-1.136	-0.945	-0.811
PCHAS_102420	0.0566	-0.042	0.3531	0.0688	0.0253	-0.178	0.9087	-0.155	-0.232	-0.664	-0.34	-0.5
PCHAS_144790	0.425	0.1774	0.5581	0.213	0.2975	0.3096	0.3844	-0.043	0.4026	-0.711	-0.458	-0.265
PCHAS_091550	0.4872	0.1358	-0.256	-0.102	-0.19	-0.302	0.221	-0.028	-0.359	-0.364	0.0095	0.075
PCHAS_112730	0.0424	-0.47	-0.519	-0.193	-0.116	-0.056	0.4344	0.1669	-0.003	-0.149	-0.048	-0.05
PCHAS_091020	-0.446	0.2006	0.3879	0.5473	-0.091	-0.755	-0.31	-0.162	-0.425	-0.789	-1.7	-0.537
PCHAS_143510	0.1118	-0.231	0.1594	-0.265	0.1129	-0.115	0.1593	0.1344	-0.377	0.4113	0.5553	0.1666
PCHAS_135770	0.3656	0.0613	0.2413	-0.084	0.0505	0.2774	-0.802	-0.226	0.2056	0.0413	-0.49	-0.06
PCHAS_132780	-0.118	0.1144	0.5276	-0.202	0.2384	-0.329	0.5327	0.6863	-0.245	-0.351	0.114	-0.205
PCHAS_070490	0.6605	-0.113	0.4413	-0.088	0.194	-0.3	0.6429	0.1426	-0.192	-0.367	0.3527	-0.379
PCHAS_100250	-0.24	-0.674	-0.03	-0.186	-0.037	0.5468	0.2152	0.5527	0.2675	0.7823	0.3295	0.6345
PCHAS_145170	-0.279	-0.556	-0.442	0.0034	-0.051	0.0522	0.0717	0.4048	0.0395	0.4018	0.1043	0.1814
PCHAS_142980	-0.35	-0.005	0.0527	0.8422	0.4289	0.0093	-1.046	-0.448	-0.019	-1.186	-1.164	-0.759
PCHAS_122730	0.5717	0.0773	0.1386	0.49	-0.308	-0.222	-0.26	-0.424	-0.202	0.325	0.9447	0.5849
PCHAS_030740	-0.336	-0.834	-0.71	-0.219	-0.096	0.0848	0.3111	0.0919	0.1818	-0.117	0.6628	0.2395
PCHAS_091730	-0.508	-0.628	-0.566	-1.054	-0.443	-0.196	0.0558	0.5494	-0.087	0.9857	0.4799	0.627
PCHAS_103440	0.8201	0.5009	0.2575	0.3154	-0.043	-0.513	-0.478	-0.668	-0.797	-0.88	-0.257	-0.63
PCHAS_072390	0.6368	0.2565	0.1667	-0.007	-0.168	0.402	0.3222	0.0566	-0.217	0.031	0.2462	-0.008
PCHAS_134790	-1.052	-0.681	-0.135	-0.093	0.4017	0.3431	0.7795	0.3774	0.1791	-0.313	-0.297	-0.664
PCHAS_011030	0.3771	0.1873	0.2426	0.0001	0.0073	0.0118	-0.014	0.0857	0.011	-0.404	-0.189	-0.098
PCHAS_131720	0.1642	0.4537	0.1979	0.1082	0.1236	-0.152	0.4926	0.0348	-0.118	-1.003	-0.763	-0.53
PCHAS_090080	0.5877	0.2952	0.4241	0.0817	-0.114	-0.466	-0.238	-0.233	-0.407	-0.207	-0.515	-0.1
PCHAS_061530	0.4434	0.7146	0.801	0.0299	0.1205	-0.421	0.259	0.1058	-0.243	-1.469	-0.053	-0.691
PCHAS_081950	-0.918	-0.556	-0.066	0.0392	0.3073	0.3512	1.1064	0.9767	0.3705	0.1614	0.6774	0.0341
PCHAS_113560	-0.36	-0.48	-0.791	-0.388	-0.115	0.4791	-0.223	-0.114	0.5178	0.4703	-0.179	0.6001
PCHAS_145910	-0.98	-1.461	-1.443	-1.582	-0.478	0.1338	0.4848	1.0565	0.1699	1.1545	0.8138	0.9575
PCHAS_103830	0.2627	-0.112	0.5417	0.0326	-0.191	-0.098	0.1057	-0.185	-0.257	-0.548	0.1815	-0.112
PCHAS_010920	0.5164	0.2018	0.3509	-0.022	0.1057	-0.071	0.3418	0.3344	-0.033	-0.265	-0.058	-0.082
PCHAS_112670	-0.228	-0.143	0.0754	-0.21	0.1142	-0.408	0.0967	0.2485	-0.506	-0.517	-0.003	0.1
PCHAS_113880	-1.192	0.0135	0.0495	0.2632	0.3208	-0.074	0.1203	0.0392	0.0625	-0.654	-0.241	-0.641
PCHAS_114140	0.3949	-0.196	-0.261	-0.111	-0.261	0.5055	1.1267	-0.394	-0.266	1.6771	1.4489	1.3244
PCHAS_071360	-0.848	-0.03	0.3634	0.6287	0.3872	0.1256	-0.68	-0.52	0.2002	-1.741	-1.56	-1.503
PCHAS_121050	-1.175	-0.609	-0.715	-0.1	0.1914	0.2257	0.5694	0.4949	0.4881	-0.295	-0.406	-0.345
PCHAS_142590	-0.898	-0.025	0.4012	-0.006	0.2882	-0.028	0.496	0.2025	0.214	-0.479	-0.111	-0.619
PCHAS_132220	-0.684	-0.507	-0.015	-0.045	0.0536	0.141	0.7566	0.5472	0.2392	0.1303	0.2572	-0.038
PCHAS_072720	0.0441	0.5098	-0.095	0.3132	0.2312	-0.03	0.2685	-0.428	-0.218	-0.654	-0.549	-0.26
PCHAS_051180	0.4061	0.2122	0.5714	0.2656	0.0017	0.2373	0.5604	0.0776	0.0999	-0.149	-0.656	-0.215
PCHAS_140570	0.0363	0.5511	0.1679	0.4166	0.1708	-0.058	-0.167	-0.451	-0.116	-0.916	-1.608	-0.658
PCHAS_134390	-0.43	-1.698	-1.299	-1.172	-0.522	0.2903	0.2915	1.0138	0.2139	1.7776	1.7033	1.5684
PCHAS_136490	-0.643	-0.102	0.0629	1.1229	0.1818	0.2014	0.0739	-0.098	0.3608	-0.777	-0.962	-0.772
PCHAS_051950	-0.308	-1.118	-1.138	-1.521	-0.402	0.538	-0.776	0.0112	0.4	1.5308	1.172	1.2676
PCHAS_090520	0.9252	0.7558	0.4301	-0.095	-0.113	-0.113	-0.869	-0.996	-0.327	0.534	0.3762	0.6447
PCHAS_030610	0.4113	-0.358	-0.184	-0.51	-0.177	-0.178	-0.189	-0.114	0.022	1.5301	1.3886	1.4615
PCHAS_031420	0.1252	0.0719	0.2926	0.0415	-0.069	-0.656	-0.131	-0.211	-0.51	-0.461	-0.162	-0.16
PCHAS_103420	-0.226	0.4872	0.0035	0.374	0.1155	0.3994	-0.41	0.3561	0.157	0.3318	-0.267	-0.166
PCHAS_114220	-0.005	-0.616	-0.017	0.1985	-0.027	0.6778	0.3135	1.0833	0.6773	1.6026	0.553	1.2037

PCHAS_134360	0.6261	0.2998	0.5031	0.1513	-0.091	0.347	0.3456	0.4104	0.0034	0.5798	0.6745	0.4769
PCHAS_070460	0.8547	0.1543	-0.159	0.043	-0.037	0.1972	0.8016	0.5079	0.0348	0.4639	1.384	0.1939
PCHAS_051480	0.2941	0.2728	0.2404	0.3558	0.1898	-0.122	0.2073	-0.304	-0.202	-0.707	-0.05	-0.678
PCHAS_083520	0.0976	0.0459	-0.154	-0.129	-0.026	0.3958	0.1461	0.1458	0.1812	0.3994	0.0053	0.0481
PCHAS_030300	-0.744	-0.066	0.0005	-0.135	0.1328	-0.017	0.4409	0.2062	-0.037	-0.515	-0.385	-0.332
PCHAS_140600	-1.377	-1.135	-0.835	-0.322	0.0613	0.0962	0.9902	0.9667	0.2045	0.7519	0.6512	0.4378
PCHAS_134350	-0.848	-1.739	-2.159	-2.33	-0.59	-0.097	-0.807	-0.333	0.0586	1.7997	1.7014	1.5194
PCHAS_144780	1.2426	0.6293	0.7703	-0.025	-0.029	-0.567	0.2	-0.601	-0.798	-0.517	0.0704	-0.326
PCHAS_121270	-0.405	-0.747	-0.899	-0.832	-0.147	0.4883	0.3015	0.9631	0.4911	0.9481	0.0506	0.9596
PCHAS_061930	0.7295	0.2689	0.1299	-0.364	-0.038	-0.485	-0.132	-0.477	-0.577	-0.53	0.1942	0.1245
PCHAS_031150	0.4263	0.2551	0.2977	-0.066	0.0412	-0.008	-0.915	-0.19	-0.143	-0.044	-0.609	-0.08
PCHAS_133700	-1.089	-0.677	-0.711	-0.459	-0.031	0.2317	0.2621	0.7021	0.2003	0.7832	0.6762	0.597
PCHAS_144130	0.8488	0.4365	0.2595	0.1143	-0.293	-0.523	0.1533	-0.404	-0.404	-0.155	0.5468	0.323
PCHAS_142080	-0.495	-0.59	-0.661	-0.452	-0.401	0.0629	-0.155	0.4512	0.1554	1.4969	1.5593	1.2754
PCHAS_142200	0.1339	0.1873	0.1172	0.4236	0.0524	-0.009	0.3332	-0.039	-0.164	-0.966	-0.664	-0.593
PCHAS_101550	-0.618	-0.311	-0.337	-0.609	-0.291	-0.235	0.0217	0.7409	-0.234	0.4982	0.7312	0.4938
PCHAS_143730	0.5603	-0.182	-0.096	-0.019	-0.062	-0.354	0.1738	0.182	-0.192	-0.228	0.2972	-0.033
PCHAS_100920	-0.555	0.1304	0.2204	0.2641	0.5861	-0.019	0.0631	-0.147	-0.052	-1.315	-0.483	-0.735
PCHAS_052200	-0.584	-1.082	-0.425	-0.704	-0.742	0.1439	0.1621	0.3226	-0.028	0.7633	1.3424	-0.035
PCHAS_050770	-0.779	-0.425	0.0482	-0.303	0.1218	-0.422	0.5591	0.73	-0.354	-0.107	0.2836	-0.219
PCHAS_031340	1.1541	0.0063	0.5469	-0.251	0.0257	-0.487	0.4637	0.4014	-0.38	-0.899	0.5349	-0.058
PCHAS_052180	0.4011	0.1077	0.7973	0.1652	0.3789	-0.142	1.1803	-0.032	-0.17	-1.116	-0.685	-0.847
PCHAS_062170	-0.226	0.1048	0.0174	-0.122	0.0922	0.1736	0.3304	-0.38	0.1073	-0.338	0.0467	-0.213
PCHAS_051600	0.1942	0.4007	-0.113	-0.061	-0.212	-0.313	-0.808	-0.432	-0.569	-0.181	-0.368	0.1289
PCHAS_112210	-0.334	-0.053	-0.79	0.6161	-0.691	0.5694	0.1523	0.023	-0.03	0.3	0.2938	0.1308
PCHAS_101750	-0.53	0.1349	0.5979	-0.202	0.0943	0.9516	-0.584	0.6256	0.2233	-0.012	0.1349	0.0146
PCHAS_103090	0.1797	1.1959	-0.775	0.3353	-0.309	0.4778	-0.513	-0.028	0.4775	-0.035	1.6199	0.2081
PCHAS_142750	-0.662	0.4933	0.6274	0.6151	0.2346	-0.11	-0.433	-0.131	0.252	-0.632	-1.037	-0.653
PCHAS_132050	0.3253	-0.292	0.0903	-0.281	0.0919	-0.02	0.8809	0.7252	-0.003	0.6012	1.0911	0.6086
PCHAS_114490	0.4367	0.2439	0.033	-0.206	-0.129	-0.16	-0.326	0.063	-0.132	0.033	0.5841	0.231
PCHAS_130850	-1.049	-0.574	-0.52	-0.561	-0.116	0.0985	0.382	0.582	0.1328	0.6773	-0.035	0.1892
PCHAS_133190	0.0144	0.0234	-0.155	0.1686	0.1898	0.3952	1.3166	0.5853	0.2805	0.4635	-0.488	0.3597
PCHAS_141890	-1.106	-0.11	-0.037	0.0676	-0.02	0.0439	0.1092	0.3341	0.2239	-0.261	-0.247	-0.256
PCHAS_130980	0.4628	-0.193	-0.1	-0.308	0.1502	0.276	-0.154	0.1418	0.0127	0.3404	-0.305	0.159
PCHAS_135660	-0.589	0.0404	0.3412	0.2037	0.3045	0.0736	0.4863	0.104	0.232	-0.847	-0.453	-0.743
PCHAS_140870	0.5123	0.1097	0.2945	-0.098	0.076	-0.229	0.0851	-0.088	-0.122	-0.31	0	-0.22
PCHAS_062260	0.0872	0.2362	0.2576	0.1689	0.0613	0.1676	-0.15	-0.039	-0.1	-0.019	-0.242	-0.109
PCHAS_070720	-0.315	0.1069	0.4792	0.0714	0.3047	-0.298	0.2439	0.1136	-0.151	-1.374	-1.174	-1.029
PCHAS_121630	0.1283	0.1782	0.2079	0.2855	0.0157	-0.154	-0.015	-0.037	-0.083	-0.478	-0.15	-0.284
PCHAS_091540	1.2278	0.1603	0.4506	0.0883	0.1037	-0.087	0.5527	0.4866	-0.34	0.4262	1.4388	0.0116
PCHAS_010130	-1.636	-1.953	-1.109	-1.776	-0.355	0.2337	0.621	1.093	0.4366	0.6585	0.3742	0.3054
PCHAS_000210	1.2864	0.1259	-0.218	-0.762	-0.649	-0.427	-1.392	-0.282	-0.569	1.1755	3.0531	0.0867
PCHAS_071610	-0.323	-1.02	0.4284	-0.726	0.1444	0.2275	1.2555	0.6972	0.2508	0.4728	0.6701	-0.031
PCHAS_104030	0.034	0.1689	0.0036	0.0207	0.0792	-0.064	-0.096	-0.202	0.0144	-0.317	-0.861	-0.007
PCHAS_081980	-0.054	-0.35	0.0778	-0.131	0.0368	0.9672	-0.071	0.2879	0.5382	0.7	0.3255	0.5489
PCHAS_145510	0.4189	0.1143	0.1236	-0.24	-0.155	0.1056	-0.358	-0.024	0.127	0.2332	-0.381	-0.082
PCHAS_145580	0.2152	0.0862	-0.042	-0.114	-0.182	-0.116	0.1501	0.0761	-0.123	0.799	1.1444	0.8788
PCHAS_122020	0.3629	0.1578	0.2366	-0.214	-0.088	-0.381	-0.464	-0.357	-0.453	0.2328	-0.033	0.0933
PCHAS_131420	-0.317	0.2322	0.6901	0.1692	0.4251	-0.131	0.8152	-0.436	-0.324	-0.949	-0.119	-0.971
PCHAS_081720	-0.004	-0.038	-0.378	0.0932	-0.034	0.9781	0.2586	0.6199	0.7071	0.7546	0.9694	0.5951

PCHAS_132940	0.9403	0.1629	0.6956	0.1028	0.229	0.1965	-0.105	0.2909	-0.036	-0.161	-0.148	-0.445
PCHAS_091940	-0.112	-0.5	-0.189	-0.304	-0.163	0.0643	0.1517	0.0418	0.0352	-0.487	-0.524	-0.543
PCHAS_051360	-0.052	1.3665	1.2644	0.539	0.1176	0.4549	0.3414	-0.257	0.0923	-0.476	0.2947	-0.109
PCHAS_041930	0.1271	0.2204	0.3672	0.0333	-0.076	-0.241	0.1102	-0.093	0.0945	-0.493	0.6037	-0.254
PCHAS_140960	0.2608	-0.106	-0.232	-0.477	-0.231	-0.246	0.0578	0.4877	-0.33	1.0462	0.454	0.7407
PCHAS_123890	0.7168	0.5815	0.3644	0.3329	-0.024	-0.509	0.3386	0.5725	-0.215	1.0743	2.0147	0.7343
PCHAS_103200	0.4884	0.3531	0.4497	0.4271	0.0629	-0.157	0.4889	-0.152	-0.073	-0.217	-0.309	-0.659
PCHAS_130700	1.5733	0.5439	-1.155	0.5391	-1.113	1.7506	1.7669	0.1185	1.4781	0.3371	0.6705	0.0178
PCHAS_110300	0.3922	-0.154	-0.367	-0.261	-0.22	0.048	0.2299	-0.256	0.1757	0.978	1.745	1.6735
PCHAS_110130	-1.152	-1.017	-0.694	-0.643	-0.228	0.1836	0.0639	0.6096	0.1159	0.7829	0.3284	0.5294
PCHAS_020040	-0.01	0.6126	0.6473	0.5577	0.1641	-0.378	-0.56	-0.613	-0.341	-1.321	-1.176	-0.65
PCHAS_010270	-0.322	0.2186	0.1852	0.2566	0.1708	-0.264	1.1868	0.077	-0.232	-0.438	-0.895	-0.447
PCHAS_120400	0.3254	-0.233	-2.878	0.657	-0.549	-0.557	-0.139	-0.069	0.5436	-0.349	-0.598	0.3058
PCHAS_071510	0.034	0.0357	0.3607	0.2646	0.1899	-0.211	-0.087	0.0443	-0.163	-0.149	-0.689	-0.36
PCHAS_072910	0.5992	0.1211	0.1294	0.3298	0.0415	0.4885	0.0849	0.4794	0.2782	0.5671	0.0178	0.7326
PCHAS_121940	0.0675	0.2145	-0.487	0.0352	-0.16	-0.037	-0.573	-0.285	-0.139	-0.06	0.1309	0.1345
PCHAS_030570	-0.069	-1.37	-0.894	-0.987	-0.677	-0.257	0.3404	0.864	-0.208	1.8907	1.8369	1.5591
PCHAS_135540	1.67	-0.069	-0.791	-2.009	-1.173	-1.218	-1.883	-1.425	-1.261	0.3773	1.0447	1.08
PCHAS_062320	-0.324	-0.561	0.2229	0.1842	0.2777	0.1601	0.8221	0.1072	0.1139	-0.512	-0.45	-0.374
PCHAS_131330	0.7932	-0.131	0.3457	-0.547	-0.039	-0.282	0.8645	0.611	0.173	0.4915	0.2858	-0.566
PCHAS_102580	-0.553	-0.387	0.2989	-0.272	0.0709	0.0935	1.0284	0.2062	-0.048	0.3054	0.2965	0.2164
PCHAS_136850	0.4816	0.2968	0.5002	-0.023	-0.052	-0.372	0.1101	0.1451	-0.296	-0.432	-0.086	-0.301
PCHAS_093400	1.1257	0.2053	-0.674	-0.085	-0.38	-0.051	0.8019	0.352	-0.19	0.2436	1.0324	0.961
PCHAS_121110	-0.367	-0.164	-0.248	-0.51	-0.22	-0.007	0.0163	0.1146	0.0226	0.9751	0.8568	0.897
PCHAS_010550	-0.201	0.0409	0.2351	0.1695	0.1141	-0.178	-0.067	-0.113	-0.384	-0.607	-0.541	-0.412
PCHAS_143420	-1.13	-0.26	0.5018	0.1907	0.439	0.8554	-0.547	-0.142	0.0523	-0.58	-0.619	-0.842
PCHAS_052220	-0.529	-1.675	-1.245	-1.386	-0.54	0.3969	0.2685	0.5688	0.1885	0.8797	0.6706	1.0277
PCHAS_104000	-0.063	-0.552	-0.026	-0.28	-0.248	-0.159	-0.061	0.157	-0.165	1.3121	0.7506	0.1846
PCHAS_090490	-0.131	0.4011	0.4701	0.0963	0.2091	-0.012	0.7151	-0.148	0.049	-0.844	-0.113	-0.718
PCHAS_092200	0.328	-0.258	0.4404	-0.377	0.2089	-0.159	1.2291	0.7236	-0.203	0.054	0.7232	-0.117
PCHAS_072940	-0.275	0.2319	0.2788	-0.047	-0.861	-0.115	0.6071	0.5147	-0.319	0.2386	0.471	0.1316
PCHAS_060430	0.8091	0.436	0.313	-0.546	-0.35	-0.288	-0.238	-0.427	-0.525	-0.671	0.5828	-0.3
PCHAS_133790	-0.253	0.1851	0.3489	0.3375	0.2701	0.1834	-0.403	-0.082	0.0359	-0.552	-0.739	-0.49
PCHAS_040880	-0.034	0.1003	0.3276	0.0069	0.0256	0.0113	0.5143	0.1912	0.0857	-0.394	0.293	-0.549
PCHAS_136770	0.1765	0.1003	-0.044	0.3437	-0.013	0.0895	-0.222	0.0309	0.103	-1.287	-0.535	-0.654
PCHAS_051850	-0.419	0.1308	0.4876	0.2154	0.2512	-0.243	-0.088	-0.159	-0.267	-0.571	-0.168	-0.283
PCHAS_135250	-0.417	-0.004	-0.234	0.1604	0.0769	0.0822	0.5736	0.4327	0.1635	0.5502	0.0934	0.7661
PCHAS_131670	0.4139	0.3214	0.362	0.2485	-0.106	-0.145	-0.406	-0.028	-0.13	-0.607	-0.371	-0.572
PCHAS_082230	-0.728	-0.44	0.0138	-0.154	0.0122	0.7998	0.4676	0.9332	0.8752	1.1797	-0.182	0.5077
PCHAS_020460	-0.243	0.0868	0.0806	-0.085	-0.119	-0.392	-0.547	0.0641	-0.372	0.0142	0.0262	-0.201
PCHAS_101540	0.1783	0.1589	0.5579	0.4498	0.1596	0.4766	0.3446	-0.122	0.2355	-0.403	0.3795	-0.258
PCHAS_092120	-1.156	-0.365	0.6118	-0.022	0.1704	0.063	0.212	0.0618	0.0293	-0.565	-0.344	-0.564
PCHAS_060550	0.6701	0.0605	0.9064	-0.128	0.1075	0.191	1.0062	0.43	0.2436	-0.111	0.8839	-0.375
PCHAS_141390	0.0725	-0.385	-0.185	-0.547	-0.39	-0.65	-0.605	0.0046	-0.501	1.704	1.9089	0.8794
PCHAS_061030	-0.06	-0.112	-0.312	0.2097	-0.266	0.2489	-0.287	-0.722	-0.181	-0.03	1.0002	-0.066
PCHAS_145970	0.3084	0.657	0.544	0.5401	0.1144	-0.174	-0.492	-0.985	-0.291	-1.757	-1.513	-0.996
PCHAS_111310	-0.558	-0.057	0.154	-0.033	0.2522	0.2142	0.649	0.5288	-0.003	0.1452	0.4878	0.1934
PCHAS_135850	-0.206	0.154	0.539	0.1942	0.0747	-0.287	0.6059	-0.068	-0.004	-0.175	-0.82	-0.095
PCHAS_020940	0.1821	0.0748	-0.007	-0.091	0.316	-0.084	-0.363	-0.983	-0.349	-0.036	0.4445	-0.082
PCHAS_123340	0.4798	0.1668	0.4255	0.0084	0.2265	0.3848	1.2639	0.1029	0.524	-0.07	0.7528	0.0289

PCHAS_100960	-0.865	-0.311	0.0632	-0.113	-0.057	0.0108	0.0962	0.2427	0.0036	0.5438	0.1901	0.2158
PCHAS_030850	-0.073	0.0291	0.3053	-0.034	0.0297	-0.454	0.1657	0.199	-0.197	-0.148	0.3328	-0.443
PCHAS_100880	0.7375	-0.055	0.447	0.1232	0.2089	0.1989	0.6372	-0.06	0.0649	-0.396	0.0213	-0.079
PCHAS_083460	-0.58	-0.775	-0.47	-0.049	0.0639	0.0224	0.1028	0.4282	0.065	0.4908	-0.116	0.2238
PCHAS_051140	-0.257	0.2598	0.2477	0.6693	0.2545	-0.064	0.0096	-0.228	-0.036	-0.75	-0.068	-0.161
PCHAS_092360	-0.502	0.1639	0.2462	-0.482	0.1097	-0.568	-0.245	-0.227	-0.454	-1.175	-0.386	-0.704
PCHAS_081880	-0.695	-0.963	-0.487	-0.514	-0.248	0.2538	0.3353	0.5731	0.3334	0.5589	0.298	0.4886
PCHAS_093340	0.2409	0.2621	0.8036	0.7438	0.3751	-0.267	-0.703	-0.955	-0.346	-1.672	-1.226	-1.013
PCHAS_062400	-0.002	0.2959	0.5701	0.0253	0.2314	0.0874	0.3361	0.1903	0.1716	-1.854	-0.867	-0.487
PCHAS_122170	0.3981	0.491	1.2291	0.2263	0.2079	0.4196	0.6693	0.0814	0.1123	-1.433	-0.785	-0.506
PCHAS_061700	0.6866	-0.66	-0.407	-0.247	0.1985	0.2169	0.1829	-0.031	0.2455	-0.171	-0.117	0.0216
PCHAS_072690	0.1244	0.3183	0.5955	0.1893	0.1531	0.0547	0.1152	-0.189	-0.015	-0.762	-0.649	-0.781
PCHAS_132560	0.2667	0.4099	0.6926	0.1565	0.1421	-0.205	0.4534	-0.511	-0.352	-0.158	-0.4	-0.484
PCHAS_072180	-0.551	1.0623	1.0637	-0.071	-0.004	-0.308	-0.059	-0.568	-0.17	-0.592	-0.363	-0.568
PCHAS_142330	-0.277	0.3345	0.3525	0.107	0.1644	0.3902	-0.295	-0.412	0.0717	-0.399	-0.051	-0.12
PCHAS_102910	0.0228	-0.192	0.0411	-0.376	0.2411	-0.42	0.4298	0.0058	-0.296	0.1424	-0.041	0.0157
PCHAS_146700	0.3966	0.6307	0.5033	-0.015	-0.004	-0.159	-0.273	-0.117	-0.283	-1.272	-1.488	-0.964
PCHAS_112630	0.2249	-0.393	-0.355	-0.428	-0.167	0.4298	-0.766	-0.513	0.1672	1.6811	1.0493	1.2628
PCHAS_134620	-0.192	0.1137	-0.092	0.0594	0.0539	0.0503	0.3957	-0.155	-0.02	-0.541	0.085	-0.468
PCHAS_041080	-0.565	0.5738	0.6578	0.2885	-0.038	0.0091	-0.171	-0.071	-0.287	-1.392	-0.618	-0.658
PCHAS_143880	-0.801	-0.464	-0.1	0.0472	0.0951	0.0118	0.6542	0.0343	-0.148	-0.059	-0.933	-0.531
PCHAS_051550	-0.096	0.1559	0.1928	-0.13	0.0185	0.2343	0.4494	0.4542	0.0557	0.4928	0.2434	0.4702
PCHAS_081300	-1.033	-1.187	-0.976	-0.849	-0.101	0.0337	0.5674	0.8812	0.2107	1.114	0.7463	1.0425
PCHAS_102410	0.1431	0.2246	0.2391	0.2932	0.0769	-0.086	-0.373	-0.283	-0.674	-0.466	-0.913	-0.277
PCHAS_052160	0.989	0.2877	0.5372	-0.107	-0.303	-0.632	-0.309	-0.701	-0.724	-0.877	-0.305	-0.945
PCHAS_040290	-0.661	-0.598	-0.038	-0.537	-0.054	-0.253	-0.708	0.0474	-0.335	-0.337	0.9869	0.0761
PCHAS_121560	-0.099	0.1741	0.9252	0.3807	0.1798	-0.221	-0.302	0.0472	-0.076	-0.39	-0.83	-0.357
PCHAS_133110	0.3569	-0.01	-0.132	-0.342	-0.437	-0.361	-0.471	-0.512	-0.402	0.1224	0.6949	0.2408
PCHAS_145680	0.2942	0.3413	-0.261	0.0814	-0.06	-0.531	0.0822	-0.049	-0.563	-0.211	0.0188	0.0252
PCHAS_114000	-0.549	-0.676	-0.792	-0.301	0.1808	0.3942	0.1434	0.4478	0.5482	-0.005	-0.681	-0.305
PCHAS_081320	0.7438	-0.011	0.4747	0.3318	0.0494	-0.28	-0.408	-0.275	-0.264	-0.813	-0.196	-0.388
PCHAS_120590	-0.748	-0.898	-0.917	-0.342	-0.373	-0.129	0.1193	0.2077	-0.038	0.4308	1.4915	-0.049
PCHAS_130400	-0.188	-0.24	0.038	-0.141	-0.156	-0.123	-0.336	-0.102	-0.257	-0.323	0.0682	-0.224
PCHAS_041590	-0.291	-0.321	-0.234	-0.18	0.0061	-0.1	0.1684	0.7328	-0.212	0.4114	0.5143	0.4965
PCHAS_102790	-0.396	-0.276	-0.161	-0.029	0.0356	0.5035	-0.415	0.9845	0.505	1.1023	1.2049	1.2184
PCHAS_081610	-0.343	-1.622	-1.033	-1.659	-0.312	-0.145	1.1995	0.7976	-0.438	1.5813	1.4854	1.386
PCHAS_071570	-0.187	-0.56	-0.521	-0.226	-0.006	0.4426	0.3934	0.5692	0.4061	0.8957	0.4198	0.7109
PCHAS_050580	0.5619	0.2062	0.2652	-0.291	-0.15	-0.779	-0.086	-0.217	-0.655	-1.219	-0.067	-0.366
PCHAS_145250	-1.591	-2.076	-1.91	-1.634	-0.595	0.9363	1.2162	0.8941	0.6667	0.3682	-0.22	-0.22
PCHAS_071730	0.2595	-0.159	0.0266	-0.266	-0.147	-0.234	-0.079	-0.005	-0.269	-0.105	0.4087	-0.178
PCHAS_000110	0.0365	-0.222	-0.086	0.2129	0.2871	0.5937	-1.104	0.8862	0.5623	1.1428	-0.5	0.7163
PCHAS_143460	-0.289	0.0603	0.2791	0.0952	0.127	-0.127	1.3105	0.1588	-0.241	-0.45	0.3522	-0.028
PCHAS_140740	0.31	0.309	-0.027	0.0059	0.0982	-0.139	0.6145	0.0391	-0.233	-0.739	0.0029	-0.538
PCHAS_083290	-0.641	-0.347	-0.375	-0.309	-0.106	0.3656	1.2644	0.4105	0.3811	-0.54	-0.355	-0.637
PCHAS_031540	-0.628	-0.777	-1.083	-0.68	-0.113	0.1038	0.4448	0.7686	0.0346	0.7006	0.7647	0.5946
PCHAS_030320	0.0217	0.1849	0.0406	0.6405	0.2365	1.0431	0.0243	0.262	0.642	-0.242	-1.821	-0.35
PCHAS_052190	0.3	0.4637	0.2181	0.0284	-0.401	-0.01	-0.765	-0.822	-0.253	-0.146	-0.03	0.3113
PCHAS_113680	0.3781	0.3993	0.524	0.1716	0.1281	-0.075	-0.244	0.1143	-0.06	-0.155	-0.206	-0.138
PCHAS_121430	-0.584	0.4696	0.339	0.4647	0.2543	-0.222	-0.599	-1.095	-0.127	-1.615	-0.754	-1.175
PCHAS_050870	-0.273	0.6501	0.9917	0.5696	0.2546	0.438	0.3802	0.0825	0.2441	-0.874	-1.614	-0.594

PCHAS_136150	0.7104	-0.054	0.0201	0.1638	-0.082	-0.059	0.6895	0.5354	-0.052	0.1259	0.0603	0.0974
PCHAS_145070	-1.247	-0.203	-0.167	0.3843	0.0378	-0.259	-0.107	-0.05	-0.187	0.0264	0.4766	0.1914
PCHAS_112500	0.8097	0.1188	-0.098	0.1318	0.1431	0.0011	0.3794	-0.314	-0.133	-0.818	-0.475	-0.533
PCHAS_136870	0.8476	0.6339	0.4493	0.3313	0.0368	-0.539	-2.06	-0.751	-0.572	-2.112	-2.145	-1.556
PCHAS_146770	0.0025	-0.152	-0.142	0.4074	0.0315	0.4689	0.8638	0.7232	0.3487	0.4574	-0.071	0.0661
PCHAS_121770	-0.023	0.2412	0.739	0.2613	0.159	-0.689	0.692	-0.276	-0.485	-0.798	-1.797	-0.017
PCHAS_120550	0.2022	0.0505	-0.406	-0.13	0.1728	-0.203	0.3382	0.2232	-0.403	-0.273	0.3374	-0.112
PCHAS_010690	-0.398	-0.324	-0.588	-0.603	-0.152	0.4148	-0.379	0.4978	0.4658	1.2525	0.4266	1.2125
PCHAS_112980	-0.064	0.1927	0.3751	0.2168	-0.091	-0.427	0.267	0.0379	-0.158	0.1716	-0.23	-0.839
PCHAS_122670	0.3785	0.4051	0.4067	0.3205	0.0757	-0.225	-0.549	-0.439	-0.231	-0.886	-1.797	-0.747
PCHAS_081110	-0.412	-2.117	-1.206	-1.013	-0.351	-0.407	0.0044	0.0679	-0.465	0.8567	0.8106	0.4248
PCHAS_091790	-1.072	-1.485	-1.071	-0.27	-0.042	0.5855	0.5641	0.7811	0.5022	0.3477	0.0961	0.4391
PCHAS_071270	0.4447	0.2125	0.1203	-0.08	0.0149	-0.183	-0.102	-0.025	-0.209	-0.525	-0.492	-0.447
PCHAS_102460	0.254	0.238	0.2627	0.2124	0.0898	-0.119	-0.47	-0.217	-0.071	-0.184	-0.613	-0.221
PCHAS_103760	-0.318	-0.223	0.1358	0.333	0.3143	-0.107	-0.075	0.1227	0.0694	-0.583	-0.969	-0.54
PCHAS_135490	-0.029	-0.055	0.2578	0.0508	0.0427	0.3011	-0.571	-0.069	0.0486	-0.482	-0.14	-0.103
PCHAS_072020	-0.652	-0.15	0.5864	-0.183	-0.056	-0.634	0.0091	0.7958	-0.259	0.9304	0.1949	0.6952
PCHAS_146010	0.1635	-0.087	0.355	-0.484	-0.037	0.0574	0.4341	0.0187	0.0714	0.1463	0.0811	-0.028
PCHAS_141410	0.0125	0.114	0.4819	0.2758	0.1273	0.036	-0.114	0.0402	0.011	-0.648	-0.885	-0.441
PCHAS_104160	0.5859	-0.193	-0.974	-1.519	-1.152	0.5494	0.7442	-0.676	-0.741	1.1611	2.4411	2.1133
PCHAS_132160	-0.356	0.2884	0.4966	0.2111	0.3521	-0.047	0.5832	0.3522	-0.127	-0.846	0.0039	-0.664
PCHAS_124100	0.1006	-0.184	-0.17	-1.833	-0.143	-0.534	-0.875	-0.732	-0.415	0.5936	2.1792	-0.702
PCHAS_140390	-0.297	-0.024	-0.299	-0.182	-0.306	-0.159	0.0006	-0.187	-0.038	0.5611	0.0206	0.3213
PCHAS_111050	0.3627	0.1147	0.1199	-0.062	0.1513	0.0238	0.2333	-0.145	0.0645	-0.491	-0.631	-0.603
PCHAS_102960	-0.745	-0.385	-0.117	-0.364	-0.038	-0.264	0.7193	0.8098	0.0219	0.6241	0.5005	0.2693
PCHAS_051760	0.4476	0.0587	0.0593	-0.25	-0.272	-0.467	-0.297	-0.269	-0.569	-0.218	0.4211	-0.269
PCHAS_146060	-0.301	-1.466	-1.166	-0.996	-0.446	0.4389	0.7917	0.8255	0.3138	0.9753	0.2906	0.907
PCHAS_142300	0.6102	1.0281	0.7955	0.4815	0.3134	0.6262	-0.243	-0.393	0.0555	-0.439	-0.726	-0.477
PCHAS_040780	-0.669	0.1273	0.25	0.0569	0.1111	-0.217	-0.013	-0.623	-0.428	-0.834	-0.407	-0.849
PCHAS_062380	0.0983	-0.175	-0.095	-0.071	0.0629	0.2657	-0.18	0.2081	0.3059	0.1625	0.0355	0.2867
PCHAS_121010	-0.682	0.2592	0.4147	0.1441	0.1156	-0.104	-0.459	0.0714	0.023	0.2059	0.3371	0.3257
PCHAS_040840	1.1961	0.3485	0.6578	0.1046	-0.091	-0.449	-0.403	-0.871	-0.459	-0.546	-0.268	-0.661
PCHAS_112840	0.3181	-0.578	-0.955	-0.284	-0.209	-0.096	0.2207	-0.25	-0.173	1.5806	1.7405	0.906
PCHAS_102620	0.0285	-0.588	-0.521	-0.24	-0.111	-0.117	-0.063	0.2055	0.045	0.6781	0.4308	0.7118
PCHAS_061730	-0.52	0.0686	0.2808	-0.151	0.1496	-0.265	-0.392	0.0058	-0.158	-0.7	-0.187	-0.723
PCHAS_090300	-0.812	-0.07	0.0309	0.2008	0.0458	-0.241	-0.337	-0.098	-0.315	-0.604	0.2076	-0.034
PCHAS_060340	-0.219	0.0361	-0.111	0.2722	0.4448	0.1031	-0.348	-0.432	0.129	-1.044	-1.651	-0.807
PCHAS_112560	-0.117	-0.06	0.3162	0.0826	0.1202	0.6944	0.4195	0.0201	0.1862	-0.47	-0.039	-0.371
PCHAS_110350	-0.264	-0.007	0.2511	-0.129	-0.041	-0.389	0.2995	-0.432	-0.419	0.3813	0.5641	0.6455
PCHAS_144450	0.7136	0.2181	0.2882	-0.051	0.0633	-0.311	-1.312	-0.995	-0.431	-0.251	-0.48	-0.331
PCHAS_090640	0.7277	0.758	0.5705	0.0008	-0.186	0.0148	-0.523	-0.018	-0.43	-0.537	0.0742	-0.388
PCHAS_134910	-0.072	0.0765	0.0498	0.2611	-0.008	-0.021	-0.269	-0.275	-0.126	-0.7	-1.252	-0.629
PCHAS_050330	0.1618	0.1338	0.0439	0.1778	0.137	0.0171	-0.464	-0.081	0.0695	-0.406	-0.692	-0.464
PCHAS_083070	-0.627	-0.511	0.3024	-0.054	-0.064	0.378	-0.163	0.1146	0.2012	0.5449	0.5742	0.4934
PCHAS_123280	-0.253	-0.653	-0.509	0.0523	0.0358	0.8422	0.2399	0.7222	0.9212	0.52	-0.019	0.3898
PCHAS_011020	-1.482	-0.902	-0.607	-0.214	0.3086	0.4	0.957	0.8286	0.4295	0.4115	0.4116	0.2373
PCHAS_120340	0.47	0.2897	0.1102	0.1805	0.0544	0.0577	0.0787	-0.145	-0.068	-0.406	-1.068	-0.092
PCHAS_011160	-0.298	-1.496	-1.82	-2.171	-0.898	-0.067	-1.003	-0.816	-0.107	1.9317	2.0388	1.4737
PCHAS_135610	0.66	-0.402	-0.555	-0.652	-0.505	-0.376	-0.267	-0.444	-0.42	0.8086	2.8412	1.1831
PCHAS_123000	0.3696	-0.074	-0.109	0.0108	-0.027	0.0078	-0.502	0.1837	0.1453	0.452	1.3875	0.5943

PCHAS_011390	0.7417	0.402	0.0573	0.2912	-0.166	0.0826	-0.728	-0.209	-0.018	0.5558	0.332	0.4303
PCHAS_122390	-0.054	0.3654	0.5522	0.0985	-0.092	-0.091	0.1657	-0.602	-0.289	-0.748	-0.217	-0.732
PCHAS_111800	-0.355	-0.498	-0.126	-0.071	-0.095	0.2574	0.085	0.5249	0.314	0.6655	0.4059	0.5348
PCHAS_144710	-0.689	-0.328	0.1452	0.4339	0.3129	0.1155	0.523	0.1021	0.105	-0.854	-0.302	-0.618
PCHAS_102200	-0.022	-1.353	-0.531	-1.331	-0.375	-0.526	-0.035	-0.295	-0.148	1.7106	2.1551	1.2264
PCHAS_041260	-0.563	0.1906	0.4831	-0.022	0.174	0.1336	0.5182	0.3097	0.2355	-0.507	-0.173	-0.691
PCHAS_080150	0.0332	0.2403	0.268	0.4771	0.0738	-0.264	-1.023	-1.043	-0.287	-1.437	-1.426	-1.305
PCHAS_041750	-0.847	-1.726	-1.122	-1.111	-0.13	0.3358	1.0683	0.9722	0.4981	0.2021	0.4739	0.4239
PCHAS_082520	-0.248	-0.636	-0.038	-0.004	0.0902	-0.09	-0.307	0.1267	-0.058	-0.425	0.0025	-0.394
PCHAS_071440	-1.038	-0.212	0.1725	0.3925	0.3686	0.0837	1.2224	-0.116	0.055	-1.03	-0.242	-0.717
PCHAS_050150	-0.073	-1.446	-1.612	-1.998	-0.573	-0.255	-0.473	-0.69	-0.008	1.7488	1.8065	1.6627
PCHAS_092700	0.0802	-0.006	-0.178	-0.178	-0.012	-0.086	0.1371	0.2313	0.3789	-0.267	0.2056	0.0507
PCHAS_091230	-0.6	-1.782	-1.763	-1.845	-0.678	0.373	-0.931	-0.973	0.3262	1.7169	1.4774	1.6554
PCHAS_143200	-0.144	-0.201	-0.159	-0.056	-0.141	-0.221	0.3329	0.4668	-0.292	-0.254	0.2402	-0.365
PCHAS_142670	0.1786	0.0494	0.2165	-0.318	-0.216	-0.201	0.1613	0.3795	-0.334	-0.109	0.3781	-0.104
PCHAS_100870	0.5806	0.2512	0.0588	-0.421	-0.036	-0.577	0.2354	0.3695	-0.267	-0.346	0.2778	-0.356
PCHAS_070640	-0.753	-1.442	-1.281	-0.749	-0.217	-0.142	0.3705	0.71	-0.041	0.8924	1.1555	0.6215
PCHAS_134960	-0.305	0.233	0.3196	0.1216	0.1483	-0.106	0.2765	0.1303	0.0094	-0.653	-0.063	-0.654
PCHAS_141600	0.1181	0.2694	0.1076	0.0462	-0.078	-0.42	-0.324	-0.5	-0.364	-0.63	-0.002	-0.405
PCHAS_134990	-0.6	0.1994	0.2284	0.0149	-0.074	-0.404	-0.173	-0.32	-0.086	-0.418	-0.255	-0.373
PCHAS_071820	0.3725	0.1828	0.6795	0.2884	0.1143	-0.184	0.6549	-0.095	-0.245	-0.468	0.073	-0.575
PCHAS_010030	0.8439	0.6436	0.0659	0.5657	0.0923	-0.31	-1.342	-0.635	-0.186	-0.585	-0.199	-0.969
PCHAS_144390	-0.28	0.4269	0.5981	0.4013	0.0439	-0.464	-1.367	-1.419	-0.686	-2.89	-1.662	-1.823
PCHAS_132530	0.2226	0.0855	-0.029	-0.088	-0.03	-0.102	0.0291	0.0575	-0.271	-0.182	-0.089	0.0744
PCHAS_080480	-0.506	-1.738	-2.207	-0.995	-0.759	-0.049	-0.442	-0.722	-0.033	0.1647	0.9468	0.2884
PCHAS_072760	-0.063	0.1496	0.7434	-0.056	0.0266	-0.117	0.2558	0.0007	-0.049	0.0975	0.4394	-0.554
PCHAS_071790	-0.487	-0.293	-0.787	0.7697	0.1455	0.4877	0.4396	-0.139	0.2389	0.1439	-0.611	-0.196
PCHAS_140110	-0.601	-1.816	-1.924	-1.409	-0.645	0.5773	0.3756	0.6864	0.5911	1.7016	0.9923	1.4993
PCHAS_123220	0.4358	0.7421	0.5614	-0.24	-0.294	-0.144	-0.966	-0.754	-0.309	0.1918	-0.184	0.334
PCHAS_102030	-0.293	-0.078	0.2279	-0.267	-0.006	-0.228	0.092	-0.084	-0.224	-0.461	-0.148	-0.623
PCHAS_091850	0.2085	-0.326	0.1211	0.1707	0.2443	0.0527	-0.282	0.4024	0.2285	0.7726	-0.011	0.4817
PCHAS_072000	-0.319	0.138	0.4897	-0.079	0.047	0.2182	-1.155	0.3093	-0.368	-0.16	0.3307	-0.451
PCHAS_140350	-1.303	-0.53	0.01	-0.222	-0.079	-0.079	0.2319	0.578	-0.116	0.2154	-0.094	0.2041
PCHAS_030890	-0.482	-0.65	-0.845	-0.656	-0.306	0.0404	-0.052	0.3469	-0.104	1.384	1.4303	1.1623
PCHAS_133440	1.1902	0.4599	0.1501	-1.094	-0.664	-0.343	-0.691	-0.51	-0.501	0.5797	0.5864	0.7764
PCHAS_101450	-0.672	-1.903	-1.508	-0.513	-0.571	-0.442	0.0369	-0.148	-0.31	-0.299	0.5214	-0.304
PCHAS_092480	-1.041	-1.232	-0.59	-0.044	0.5018	0.5539	0.3542	0.7551	0.8565	-1.027	-0.968	-0.976
PCHAS_144100	-0.688	-1.467	-1.458	-1.725	-0.899	-0.101	-0.654	-0.27	-0.114	1.7963	1.6791	1.6096
PCHAS_114110	0.1317	0.02	0.1566	-0.01	-0.274	0.1723	0.5565	-0.106	0.1649	0.165	-0.171	0.3699
PCHAS_080760	-0.044	-0.212	0.0475	0.2637	0.3445	0.2603	0.4391	-0.338	0.2123	-0.963	-0.513	-0.838
PCHAS_062210	0.1427	0.0199	0.0427	-0.415	-0.353	-0.485	-0.276	-0.283	-0.453	0.0488	2.5542	0.3462
PCHAS_110630	-0.671	-0.16	-0.902	0.5959	0.2931	0.6227	0.5833	0.0049	0.503	-0.226	0.0985	-0.336
PCHAS_133420	-0.104	0.0342	0.3001	0.0899	0.1736	0.3556	0.4887	0.1461	0.3324	-0.35	-0.565	-0.038
PCHAS_121000	-0.491	0.0624	0.3212	0.6312	0.2098	0.2812	1.3587	0.2952	-0.392	-0.579	0.0478	-0.242
PCHAS_020520	0.465	-0.014	0.1368	0.2701	0.1646	0.3569	0.3188	-0.003	0.2021	-0.288	-0.76	-0.134
PCHAS_081940	-2.175	-1.679	-0.69	-0.237	0.132	0.7136	1.0795	0.7199	0.7857	0.0714	-0.183	-0.518
PCHAS_070610	-0.768	-0.13	0.2234	0.059	-0.114	-0.259	0.0701	0.3449	-0.439	-0.455	0.3442	-0.623
PCHAS_061740	-0.187	0.0964	0.5511	0.0563	0.0212	-0.179	-0.193	-0.322	-0.083	-0.668	-1.017	-0.541
PCHAS_100160	-0.073	0.1082	0.1681	0.4712	0.1999	-0.085	0.0509	-0.21	-0.088	-0.682	-0.651	-0.685
PCHAS_001090	0.3888	-0.102	0.3768	0.1866	0.0458	0.3286	0.7306	0.9419	0.287	0.9166	0.6852	0.4709

PCHAS_081670	0.0304	0.4584	0.4254	0.3153	0.0646	0.0402	0.0075	-0.62	-0.006	-1.103	-0.669	-0.902
PCHAS_123390	0.3	0.1624	-0.259	0.1318	0.1308	0.5236	-0.21	-0.056	0.2255	0.0741	-0.397	-0.035
PCHAS_010420	0.5541	1.2785	0.9544	0.1519	0.2842	-0.204	0.3167	-0.436	-0.139	-1.124	-1.049	-0.136
PCHAS_011190	-1.282	-0.33	0.3655	0.2726	0.2645	0.2546	0.171	0.2599	0.4176	-0.857	-0.36	-0.736
PCHAS_122530	-0.248	0.3465	-0.191	0.2505	0.2478	-0.213	-0.505	-0.424	-0.151	-0.749	-2.752	-0.665
PCHAS_071350	-0.047	0.2954	0.1899	0.2937	0.273	-0.318	-0.198	-0.652	-0.352	-1.379	-1.064	-0.647
PCHAS_091520	0.5655	0.0863	0.0594	-0.203	-0.321	-0.415	-0.449	-0.269	-0.491	0.5054	0.8582	0.3846
PCHAS_130510	-0.894	-0.373	0.1461	-0.023	0.178	0.7137	-0.481	0.2164	0.1387	0.5635	0.0636	0.5549
PCHAS_141870	-0.12	-0.452	-0.327	-0.292	-0.028	0.9437	-0.573	0.2932	0.6789	0.7096	-0.361	0.6919
PCHAS_081500	0.3263	-0.01	0.1363	0.1103	0.087	-0.164	0.5755	-0.041	-0.172	-0.788	-0.719	-0.431
PCHAS_071110	0.1081	0.2052	0.1923	-0.074	0.1411	-0.102	-0.187	0.1198	-0.358	-0.074	0.7622	0.1119
PCHAS_021370	-0.759	-1.059	-1.133	-1.815	-0.634	0.2581	-0.86	-0.705	0.1638	1.7141	1.4623	1.754
PCHAS_092810	0.1293	0.1455	-0.02	-0.337	-0.303	-0.292	-0.361	-0.24	-0.056	-0.439	-0.336	-0.389
PCHAS_146600	-0.274	-0.033	-0.193	0.2873	0.4539	0.0941	0.6891	0.1527	0.118	-0.563	-1.674	-0.548
PCHAS_124590	-0.325	-1E-03	0.0654	-0.118	-0.122	0.0724	-0.232	-0.335	-0.132	0.693	0.8386	0.4794
PCHAS_103340	0.3524	0.2278	-0.06	-0.208	-0.07	0.0378	-0.333	-0.205	-0.122	0.0874	0.0051	0.3165
PCHAS_071190	0.3008	0.5957	0.572	0.196	0.2045	-0.369	0.2093	-0.241	-0.098	-0.92	0.2512	-0.084
PCHAS_010790	-0.817	0.0304	0.0746	0.5159	0.3042	0.0326	-0.223	-0.55	0.042	-1.599	-0.958	-1.104
PCHAS_083600	-0.284	0.3306	-0.021	-0.125	#####	0.6607	0.1506	0.6665	0.5529	1.5285	0.3449	1.1029
PCHAS_020250	-0.287	0.3533	0.4209	0.103	0.1825	0.8957	0.9685	0.1584	0.2526	-0.253	0.2511	-0.204
PCHAS_061580	-0.895	-0.34	-0.104	-0.067	0.2598	0.0489	0.9445	0.4221	0.1418	-0.365	-0.021	-0.491
PCHAS_083340	-0.833	-0.411	0.0427	0.1763	0.2404	0.1768	0.4826	0.1552	0.1787	-0.893	-0.42	-0.927
PCHAS_070840	-0.315	-1.063	-1.223	-0.955	-1.609	-0.547	-0.252	0.4783	-0.198	0.841	1.6728	0.482
PCHAS_135270	0.4772	0.4335	0.2839	-0.097	0.0264	-0.357	0.4233	-0.024	-0.44	-0.619	0.7301	-0.341
PCHAS_010320	-0.639	0.124	-0.102	0.3576	0.0863	-0.259	-0.164	-0.224	-0.391	-1.209	-1.028	-0.64
PCHAS_101940	0.1867	0.0135	0.1701	0.2737	0.1301	-0.293	-0.267	-0.388	-0.233	-0.522	-0.419	-0.34
PCHAS_121320	0.5099	-0.553	-0.482	-0.587	-0.429	-0.096	-0.564	-0.587	-0.147	1.6393	1.8046	0.8916
PCHAS_114600	-0.129	-0.167	0.4467	0.7679	0.221	1.0528	-0.151	0.5679	0.5911	0.3874	0.5225	0.565
PCHAS_120180	-0.371	-0.744	-0.366	-0.285	0.042	0.441	0.3861	0.4675	0.083	0.4875	-0.341	0.1019
PCHAS_141630	-0.295	-0.473	0.3954	-0.018	0.0953	-0.211	0.7026	0.4925	-0.011	0.6213	0.932	0.491
PCHAS_123290	0.139	0.5101	0.4657	0.302	0.0912	-0.102	-0.305	0.0571	-0.28	-0.096	-0.373	0.167
PCHAS_000650	-0.392	-1.014	-1.076	-0.83	-0.397	0.5874	-0.571	1.2121	0.5586	1.8945	0.6168	1.1361
PCHAS_120310	-0.145	-0.055	0.0614	-0.026	0.033	-0.177	-0.041	-0.119	-0.356	-0.658	-0.203	-0.388
PCHAS_080510	-0.046	-0.101	0.1968	-0.208	-0.002	-0.027	0.4761	0.0329	-0.083	-0.474	-0.255	-0.782
PCHAS_090680	-0.128	-1.039	-1.272	-0.75	-0.206	0.0312	0.1879	-0.002	0.0173	1.9829	1.8808	1.7756
PCHAS_145990	-0.388	0.0613	0.3446	0.2694	0.2254	-0.127	0.1035	-0.263	-0.147	-0.85	-1.58	-0.461
PCHAS_061100	0.1363	-0.118	0.1183	-0.164	-0.111	0.1442	0.3435	0.1248	0.0088	0.2857	0.8541	0.2766
PCHAS_110210	-0.337	0.0602	-0.533	0.0622	-0.158	-0.008	-0.371	-0.133	-0.183	-0.592	-0.345	-0.644
PCHAS_130500	0.0325	0.0561	0.6884	0.1558	0.2419	-0.096	-0.076	-0.092	-0.144	-0.477	-0.839	-0.379
PCHAS_123130	-0.198	0.2045	0.5488	-0.006	0.2816	0.3672	-0.099	0.1506	-0.087	-0.362	-0.82	-0.561
PCHAS_102480	-0.754	-0.386	-0.793	0.0921	-0.234	0.3257	-0.884	-0.056	0.0667	0.0628	-0.323	-0.313
PCHAS_010360	-0.059	-0.102	-0.889	-0.664	0.0085	0.5344	-0.482	-0.414	0.2302	1.0925	1.0495	1.0296
PCHAS_145150	0.1978	-0.082	-0.118	-0.639	-0.334	-0.288	-0.476	-0.076	-0.168	0.1181	0.6173	-0.114
PCHAS_135910	0.1162	-0.116	0.128	-0.1	-0.093	-0.124	0.1835	-0.009	-0.185	-0.231	0.0423	-0.302
PCHAS_101850	-1.463	-1.292	-0.45	-1.275	-0.536	0.3628	0.1585	0.5508	0.0367	0.8149	0.2951	0.5387
PCHAS_112310	0.0328	-0.396	-0.082	-0.042	0.2233	-0.202	1.4718	0.9891	-0.195	0.1924	0.5542	0.1492
PCHAS_080860	1.1562	-0.326	-0.373	-0.713	-0.737	-0.804	-0.005	0.1507	-0.646	-0.066	1.204	-0.209
PCHAS_082650	0.0124	-0.843	-0.286	-0.013	-0.255	0.3583	1.1183	0.8324	0.2751	0.2666	0.3273	0.0074
PCHAS_060950	0.3146	-0.338	-0.336	-0.687	-0.04	0.6467	-0.318	0.1096	0.6471	0.609	-0.331	0.4807
PCHAS_041770	-0.058	0.16	0.1084	-0.053	0.1881	0.0131	-0.158	-0.467	-0.235	-0.88	-0.402	-1.092

PCHAS_091530	0.124	0.1494	-0.201	0.0776	0.2262	0.3489	0.5904	0.6685	0.4418	0.1212	-0.046	0.2255
PCHAS_135600	0.0238	-0.664	-0.394	-0.526	-0.198	0.099	-0.145	-0.105	0.1631	1.1721	1.1809	0.9247
PCHAS_081190	-0.361	0.7087	0.6853	0.6453	0.3185	0.1392	-0.553	-0.203	0.2335	-0.722	-2.335	-0.044
PCHAS_143090	-0.438	0.5032	0.4294	0.1065	0.0923	-0.186	0.9415	0.1102	-0.008	-0.686	-0.008	-0.868
PCHAS_120560	0.1385	0.5816	0.5014	0.1106	-0.149	-0.29	-0.434	-0.742	-0.484	-1.372	-0.512	-0.855
PCHAS_091590	-0.151	-0.719	-0.285	-0.627	-0.362	0.3501	0.0266	0.6522	0.1432	1.3124	0.991	1.2892
PCHAS_136840	-0.124	-0.288	-0.434	-0.24	0.0442	0.7868	0.3158	0.5159	0.5397	0.3583	0.0359	0.2411
PCHAS_050670	-1.005	-1.093	-1.319	-0.308	0.1895	0.4668	0.6083	0.4821	0.6488	0.0128	-0.472	0.477
PCHAS_111380	0.4134	0.3153	-0.919	0.653	0.1337	0.3681	0.4449	-0.34	0.3004	-0.573	0.3604	-0.129
PCHAS_143660	0.136	-0.666	-0.116	-0.251	0.0564	0.3315	-0.733	0.1394	0.4492	0.828	-0.286	0.6546
PCHAS_135200	-0.708	-0.154	0.2381	0.0374	0.0183	0.0152	0.7664	0.0393	-0.065	-0.296	-0.338	0.1193
PCHAS_136240	0.7794	0.346	0.0063	-0.095	-0.12	-0.587	-0.718	-0.85	-0.568	-0.949	-0.719	-1.185
PCHAS_122430	0.4817	0.5001	0.3601	0.4295	0.2327	-0.284	-0.618	-0.16	-0.218	-0.56	-1.525	0.3819
PCHAS_050500	0.6156	0.3094	0.4349	-0.026	-5E-04	-0.327	-0.65	-0.39	-0.293	0.2465	-0.581	-0.03
PCHAS_101800	-0.479	-0.468	-0.385	-0.479	-0.173	0.0425	0.8016	0.2701	-0.025	0.6983	0.1195	0.827
PCHAS_132700	0.2229	0.1333	0.3311	-0.009	0.192	-0.163	0.1115	0.0787	-0.166	-0.392	0.2683	-0.261
PCHAS_104150	0.894	0.1226	-1.289	-1.416	-1.257	-0.527	-1.805	-0.981	-0.607	0.2669	1.9056	1.6152
PCHAS_113510	0.129	0.0467	-0.151	0.4828	0.0683	-0.298	-0.005	-0.19	-0.242	-1.225	-1.152	-0.877
PCHAS_144350	0.3065	0.4068	0.6451	0.1464	-0.141	-0.645	-0.59	-1.02	-0.543	-1.318	-0.162	-0.776
PCHAS_121950	0.4755	0.4179	0.5708	-0.099	-0.23	-0.296	-0.58	-0.475	-0.643	-0.261	-0.507	-0.407
PCHAS_082660	0.7788	0.0224	0.0965	0.3383	0.0811	-0.157	0.2539	0.3842	-0.134	0.1647	0.3991	-0.02
PCHAS_134520	0.0018	0.307	0.6678	0.4011	0.1994	-0.253	0.3048	-0.25	-0.255	-0.732	-0.522	-0.385
PCHAS_081350	0.7651	0.2296	0.6999	0.2411	0.1262	0.2778	0.6815	-0.254	-0.126	-2.141	-0.648	-0.762
PCHAS_081830	-0.053	-0.855	-0.674	-0.521	-0.123	0.5556	0.2781	0.7876	0.6884	1.1352	0.2014	0.7531
PCHAS_142560	0.538	0.303	0.5171	0.2943	-0.001	-0.436	0.0928	-0.18	-0.374	-0.586	-0.681	-0.396
PCHAS_110750	0.4526	-0.263	-0.87	-0.077	-0.269	0.2574	0.4377	0.3911	0.1759	0.7121	1.7666	0.5355
PCHAS_132000	0.4381	0.1861	0.2099	0.2037	0.0672	-0.303	0.0197	-0.15	-0.315	-1.184	-0.651	-0.936
PCHAS_103080	0.6732	0.3998	0.1274	0.1712	0.0758	0.0122	-0.161	-0.345	-0.146	-0.765	-0.147	-0.45
PCHAS_090900	0.7622	0.7433	0.8167	0.1389	0.0504	0.0887	0.0329	-0.692	-0.183	-1.159	-0.314	-0.513
PCHAS_144490	-1.351	-0.604	-0.453	0.4097	0.1007	0.1714	0.1812	0.6361	0.1084	-0.336	0.2371	-0.512
PCHAS_146430	0.9591	0.545	-0.326	0.4415	-0.578	0.0996	-0.766	-0.813	-0.154	-0.032	0.1866	-0.233
PCHAS_113440	-0.088	-0.451	-0.62	-0.577	-0.14	0.335	0.1152	0.319	0.3623	0.4748	-0.15	0.2911
PCHAS_124110	0.4285	-0.603	-1.089	-0.034	-0.607	0.4546	-0.714	-0.136	0.3842	1.1292	1.0869	1.2427
PCHAS_145960	-0.029	0.3273	0.4054	0.3627	0.0357	-0.362	-0.72	-0.84	-0.471	-1.179	-0.775	-0.733
PCHAS_102130	0.14	-0.457	0.0174	0.0138	0.092	-0.185	0.2391	0.1851	-0.167	-0.315	0.4749	-0.097
PCHAS_133540	0.1078	-0.112	0.1021	-0.028	0.1315	0.0834	0.1206	0.1351	-0.008	-0.53	-0.299	-0.071
PCHAS_133050	0.9128	0.6122	0.1001	0.0523	-0.312	-0.654	-0.786	-0.657	-0.634	0.0358	1.5542	0.3374
PCHAS_040330	-0.965	-0.757	-0.455	-0.175	0.1233	0.4366	1.0545	0.6848	0.5279	-0.183	-0.208	-0.37
PCHAS_140760	-0.38	0.7254	0.3764	0.3953	0.1748	0.0839	-0.067	-0.257	0.0605	-1.045	-0.593	-0.449
PCHAS_100860	-0.045	-0.032	-0.084	0.0874	-0.179	-0.059	0.1369	-0.279	-0.029	-0.714	-0.258	-0.17
PCHAS_052100	0.0534	-0.073	0.1981	-0.492	-0.144	0.3123	-0.536	0.168	-0.481	0.7507	0.7459	0.8367
PCHAS_122250	0.5226	0.4477	-0.458	0.3791	-0.415	-0.682	-0.784	-0.209	-0.492	0.1906	0.3664	0.7393
PCHAS_052300	0.1577	0.3102	0.483	0.5989	0.1542	0.5894	-0.302	0.1356	0.5102	-0.121	-0.322	-0.113
PCHAS_142490	0.0229	-0.894	-0.154	-0.601	-0.02	1.018	-0.404	0.0281	0.422	1.5173	0.8663	1.258
PCHAS_041640	-0.031	0.1729	-0.1	0.1069	0.0031	0.0638	0.4783	-0.09	0.1252	-0.207	-0.829	-0.147
PCHAS_061540	0.3749	0.3639	-0.229	0.5013	0.2992	-0.198	0.1513	-0.082	-0.093	-0.31	-0.983	-0.277
PCHAS_071970	0.2551	0.1704	0.3187	0.2237	0.1651	-0.045	0.4297	-0.159	-0.064	-1.013	-0.321	-0.712
PCHAS_102720	-0.099	-0.744	-0.771	-0.537	-0.123	-0.041	0.7586	0.8674	0.0494	0.6836	0.4978	0.4305
PCHAS_083380	0.3005	0.5327	0.4483	0.2992	-0.15	0.19	-0.51	-0.072	-0.052	0.3752	-0.107	0.2378
PCHAS_010230	0.6494	0.2709	-1.38	0.4356	-0.486	0.7275	-0.103	-0.843	-0.374	-0.446	-0.589	-0.539

PCHAS_080300	-0.144	0.3385	0.1979	0.263	0.0575	-0.393	-0.607	-0.349	-0.247	-0.309	-0.367	-0.557
PCHAS_010440	-1.112	-0.151	0.0744	0.4549	0.4254	0.7687	0.4507	0.0954	0.3041	-0.672	-0.408	-0.629
PCHAS_070150	0.7537	0.3319	0.2591	-0.098	-0.162	0.148	-0.452	-0.465	0.0319	0.0889	0.6283	0.65
PCHAS_082890	-0.789	-0.639	-0.727	-0.457	-0.09	0.1507	0.5955	0.5729	0.2692	0.5942	0.4166	0.5018
PCHAS_122940	0.891	0.4202	0.8562	0.275	0.1527	0.2696	-0.119	-0.469	-0.061	-0.859	0.2535	-0.336
PCHAS_050430	0.3433	-0.437	0.0798	0.019	0.065	0.5518	-0.451	-0.147	0.2192	0.2365	0.5824	0.1314
PCHAS_142270	0.5023	0.0572	-0.045	-0.117	-0.316	-0.103	-0.24	0.2252	-0.244	0.8435	1.5267	1.0905
PCHAS_131360	0.1799	-0.062	0.0783	-0.154	-0.12	0.0166	-0.087	-0.002	-0.128	0.4607	0.5411	0.3371
PCHAS_132970	-0.513	0.0923	0.0808	0.3627	-0.013	-0.084	0.2144	-0.233	0.3087	-0.645	-0.295	-0.634
PCHAS_101320	0.2203	0.5494	0.349	0.3893	0.1073	-0.316	0.2143	-0.351	-0.287	-1.222	-0.919	-0.8
PCHAS_093180	-0.084	-0.24	0.1963	0.2407	0.1481	0.0895	-0.461	0.1795	0.1468	-0.286	-0.816	-0.246
PCHAS_041320	0.7544	0.0927	0.4576	-0.458	-0.043	-0.164	0.9632	0.1126	-0.153	0.2813	0.8083	0.2457
PCHAS_030770	-0.322	-0.132	0.4239	0.3121	0.1503	0.0856	0.4385	0.281	0.0123	-0.356	-0.181	-0.137
PCHAS_041710	0.6984	0.5661	0.2311	0.2877	0.0237	-0.211	-0.456	-0.805	-0.369	-0.976	-0.34	-0.629
PCHAS_136220	0.7104	0.1075	0.338	0.0073	0.0613	-0.144	0.5056	-0.014	-0.171	-0.011	-0.451	0.0004
PCHAS_131210	-0.029	0.3026	0.0791	0.2116	0.1874	-0.18	-0.277	-0.521	-0.129	-0.952	-0.926	-0.715
PCHAS_092300	-0.708	-0.789	-0.732	-1.281	-0.559	0.1937	0.3145	0.4457	0.0081	0.8734	1.0487	0.5388
PCHAS_140630	0.9426	-0.082	-0.082	0.1224	0.0625	0.0929	0.472	-0.207	0.1869	-0.936	0.2824	-0.236
PCHAS_090120	-0.205	0.1858	0.4613	0.3437	0.1931	-0.152	-0.778	-0.418	-0.143	-1.349	-1.91	-1.284
PCHAS_082220	-0.378	0.1598	0.4354	0.1316	0.0899	-0.277	0.4235	0.0506	-0.127	-0.744	0.0471	-0.859
PCHAS_141330	-0.829	-0.611	-0.442	-0.255	0.1844	0.3051	0.9575	0.7653	0.404	0.6745	0.6652	0.0732
PCHAS_144310	-0.783	-0.087	0.2448	0.3433	0.3969	0.2333	0.3313	0.1509	0.3441	-0.904	-0.53	-0.811
PCHAS_130860	-0.538	-0.523	-0.209	-0.516	-0.12	0.2854	-0.4	0.1626	0.1922	1.2382	0.9582	1.0589
PCHAS_060680	-0.154	-0.518	0.5123	-0.335	-0.138	-0.294	-0.32	-0.244	-0.014	0.9012	0.8969	0.8527
PCHAS_020610	0.312	-0.102	-0.527	0.3781	-0.02	0.3129	0.5157	0.2083	0.4222	-0.721	-0.864	-0.386
PCHAS_135720	-0.021	0.3922	0.6953	0.3785	0.3042	0.2344	0.1041	-0.549	-0.013	-0.276	-0.461	-0.207
PCHAS_113320	0.334	0.161	0.2603	0.1652	0.2368	0.0899	-0.283	-0.077	0.0631	-0.119	-0.608	-0.119
PCHAS_082260	-0.321	-1.579	-1.045	-0.872	-0.704	0.3614	0.0807	-0.16	-0.092	0.682	0.7652	0.7674
PCHAS_131930	-0.046	-0.237	0.5249	0.1323	0.0975	-0.291	0.0027	0.4901	-0.515	1.0958	0.4993	0.5102
PCHAS_120260	0.1253	0.1897	0.6093	0.373	0.1669	-0.186	0.5351	0.0812	-0.23	-0.363	-0.028	-0.844
PCHAS_121740	-0.351	0.4191	0.3566	0.193	0.0099	0.1824	0.3927	-0.48	-0.064	-0.186	-1.106	-0.205
PCHAS_040800	0.1463	0.298	0.3406	0.1017	0.0516	0.0034	0.243	-0.012	0.0359	-0.352	-0.231	-0.331
PCHAS_010290	0.5875	0.038	0.0044	0.3409	0.1202	-0.126	-0.581	-0.744	-0.259	-1.669	-1.029	-1.324
PCHAS_122320	0.769	0.2681	-0.137	0.2367	0.0121	0.0353	0.3881	0.079	-0.036	-0.87	-1.264	-0.523
PCHAS_010110	1.0421	0.1105	0.1751	-0.081	0.0905	0.1878	0.4938	0.2303	0.1165	0.2545	1.8377	0.388
PCHAS_112230	-0.287	-0.898	-0.265	-0.846	-0.153	-0.175	1.5921	0.9646	-0.055	0.8883	1.0106	0.4358
PCHAS_132820	0.5507	0.4174	0.3681	-0.158	0.0373	-0.421	-0.477	-0.583	-0.516	-0.683	0.1948	-0.609
PCHAS_141910	-0.628	-0.472	-0.54	-0.221	-0.169	0.0041	-0.019	0.1335	0.0078	-0.195	-0.075	-0.196
PCHAS_080280	-0.292	-0.254	-0.341	-0.117	-0.087	-0.055	-0.581	-0.154	0.1386	1.4936	1.2508	1.5583
PCHAS_143780	-1.025	-0.494	-0.368	-0.034	0.0606	0.1116	0.1239	0.4635	0.0747	0.0571	0.2968	-0.045
PCHAS_110075	0.4557	0.2233	-0.773	-0.106	0.2692	-0.297	0.2161	-0.072	-0.263	-0.253	0.4881	0.0464
PCHAS_140040	2.2194	0.9046	-0.056	-1.162	-0.773	-0.737	-2.214	-1.478	-0.825	-0.206	0.3727	-0.359
PCHAS_120630	0.158	-0.158	-0.047	-0.415	-0.131	0.0039	0.2475	0.2844	-0.183	-0.039	0.0817	-0.066
PCHAS_110240	-0.518	0.0115	0.4828	0.0948	0.2409	-0.12	0.653	0.2747	-0.328	-0.182	-0.016	-0.577
PCHAS_031330	0.6893	0.2766	0.4454	0.1694	0.2028	-0.319	0.0922	-0.309	-0.34	-1.396	-0.752	-0.419
PCHAS_122780	0.5895	0.2987	0.4271	0.5061	0.1053	-0.013	-0.179	-0.251	-5E-04	-0.676	-1.384	-0.65
PCHAS_113460	0.1675	0.2185	0.2756	0.1724	0.0305	-0.179	-0.019	0.1629	-0.123	-0.371	0.0814	-0.295
PCHAS_091600	-0.179	-0.12	-0.355	-0.108	-0.084	-0.035	-0.424	-0.227	-0.096	0.0701	0.5727	-0.196
PCHAS_021140	-0.434	0.2792	-0.007	0.0805	0.1099	0.23	0.1047	-0.063	-0.006	-0.846	-0.509	-0.423
PCHAS_135630	-0.657	-1.266	-1.277	-1.159	-0.413	0.5386	0.0989	0.8101	0.2675	1.9527	1.617	1.459

PCHAS_040920	-0.058	0.4682	-0.104	-0.098	-0.192	-0.55	-0.728	-0.367	-0.311	-0.475	-0.712	-0.799
PCHAS_134690	0.7975	0.1833	-0.694	0.0807	-0.519	0.1041	-0.333	-0.016	0.1095	-0.004	0.4772	0.1186
PCHAS_010980	0.5462	0.2017	0.3057	0.3442	0.253	-0.178	-0.263	-0.575	-0.266	-0.872	-1.543	-0.809
PCHAS_050730	-0.303	0.6307	0.9208	-0.236	0.1021	-0.506	-0.831	-0.167	-0.326	-0.109	-0.79	-0.429
PCHAS_132250	-0.137	-0.103	-0.323	0.0036	-0.055	-0.019	0.4225	0.0368	-0.096	-0.098	-0.354	-0.255
PCHAS_145940	-0.5	0.5581	0.6104	0.2722	0.1409	0.1962	0.0037	0.161	0.2358	0.2148	0.1788	-0.013
PCHAS_110310	-0.049	0.4079	0.7374	0.0706	0.2898	0.0178	0.1945	0.0727	-0.018	-0.11	0.125	-0.446
PCHAS_060400	-0.783	-0.732	-1.085	0.7036	-0.387	0.7622	-0.129	0.1642	0.7098	-0.935	-1.361	-0.077
PCHAS_041370	-0.094	-0.038	0.0312	-0.259	-0.015	-0.081	0.559	0.1376	0.0142	-0.443	-0.157	-0.699
PCHAS_132260	0.6198	-0.629	-0.642	-0.401	0.0274	0.2631	0.8043	-0.078	0.2752	0.8353	0.6266	0.879
PCHAS_040640	0.2402	0.2797	0.225	0.2807	0.1153	-0.112	-0.052	0.0837	0.0018	-0.36	-0.348	-0.131
PCHAS_110100	-0.944	-0.384	0.2018	1.5836	0.8996	0.3318	-0.516	-0.254	0.8588	-1.492	-2.322	-1.476
PCHAS_132770	0.3582	0.1865	0.4317	0.1477	0.214	-0.249	0.0526	0.1865	-0.248	-0.413	-0.02	-0.486
PCHAS_080200	0.1918	0.4711	0.5304	0.2344	0.0133	-0.366	0.166	-0.275	-0.226	-1.074	-1.266	-0.823
PCHAS_062420	0.1181	-0.532	-0.298	-0.273	0.0022	0.1792	-0.483	0.222	-0.009	0.3618	0.2417	0.4277
PCHAS_122480	0.2716	0.1998	0.05	-0.022	-0.249	0.1409	-0.744	-0.237	-0.12	-0.189	-0.045	-0.139
PCHAS_134200	-1.026	-0.363	-0.017	-0.16	0.1945	0.231	0.6175	0.419	0.1851	-0.065	-0.048	-0.149
PCHAS_010630	-0.13	-0.453	0.1606	0.0437	0.0469	0.1134	0.4004	0.2382	0.2087	0.1476	0.3529	0.1654
PCHAS_040910	-0.051	-0.404	-0.058	0.0969	-0.01	-0.019	0.0994	-0.307	0.023	-0.846	-1.143	-0.549
PCHAS_020080	-0.181	-1.091	-0.995	-0.531	0.0537	0.4651	1.2547	0.6619	0.3557	0.8641	0.3581	0.5994
PCHAS_100650	0.2733	0.2481	0.1323	-0.19	-0.248	-0.142	-0.059	0.1064	-0.288	0.3952	1.3401	0.5123
PCHAS_142880	-0.303	-0.34	0.1582	0.3496	0.3748	0.2079	0.2895	0.0745	0.0297	-0.638	-0.259	-0.56
PCHAS_110180	-0.463	0.2782	0.1479	-0.6	-0.127	-0.119	-0.25	0.0595	-0.418	-0.352	-0.117	-0.107
PCHAS_120860	0.3616	-0.465	-0.89	-0.576	-0.408	-0.224	-0.64	-0.156	-0.164	1.6012	2.5266	1.0996
PCHAS_020910	-0.248	-0.943	0.044	0.0311	0.0433	0.925	0.4954	0.4851	0.5458	0.3366	-0.129	0.0054
PCHAS_051220	0.0729	0.5624	0.4907	-0.176	0.0383	-0.069	-1.293	-0.563	-0.572	-0.842	-0.096	-0.821
PCHAS_133000	-0.767	-0.212	0.1739	0.4771	0.2449	0.5257	0.4881	0.3817	0.4415	-0.104	-0.92	-0.196
PCHAS_010520	-0.43	-0.062	0.0472	0.4437	0.3376	0.4161	0.0948	0.3134	0.4577	-0.657	-1.017	-0.237
PCHAS_136600	0.0108	0.0054	-0.448	-0.573	-0.364	0.1975	0.4016	0.5803	0.0267	0.4717	0.5014	0.1191
PCHAS_041490	-0.301	0.1498	-0.337	0.3004	-0.207	0.0756	0.0748	0.38	0.2858	0.113	0.0964	0.1431
PCHAS_112740	0.1529	-0.207	-0.87	0.8487	-0.455	0.6131	0.1536	-0.145	0.1014	-1.225	-1.289	0.1978
PCHAS_092410	0.3187	0.2517	1.2908	0.3914	0.3115	-0.328	0.473	0.2108	-0.06	-0.428	-1.199	-0.187
PCHAS_000840	-0.213	0.1907	0.2987	0.1379	-0.268	0.2028	-0.742	0.0677	0.2818	0.4786	-0.715	0.0536
PCHAS_041120	0.0169	-0.227	0.1789	0.2098	0.4058	0.2357	0.2699	0.4604	-0.017	-0.053	-0.097	-0.178
PCHAS_130140	0.5836	0.3732	-0.139	-0.063	-0.379	1.1548	-0.191	-0.392	-0.336	-0.577	0.4873	-0.356
PCHAS_134500	1.1937	0.7529	1.118	-0.225	-0.128	-1.123	-0.989	-0.652	-0.7	-0.924	1.0586	-0.699
PCHAS_123730	0.8614	0.0976	0.3103	0.0169	0.0914	0.425	-0.417	-0.512	0.221	0.4814	1.7674	0.7144
PCHAS_100560	-0.897	-0.211	-0.051	0.1183	0.1703	0.7261	1.2072	0.4901	0.2824	0.336	0.4751	0.2339
PCHAS_113550	-0.608	-0.396	-0.349	-0.707	-0.443	-0.108	-0.781	-0.364	0.1163	2.0126	2.507	1.5503
PCHAS_090800	0.1798	-0.144	0.1188	-0.266	0.0055	-0.284	0.2632	0.6836	-0.274	0.3496	0.3517	0.1732
PCHAS_141340	-0.057	0.0957	0.3492	0.1294	0.2113	-0.2	-0.154	0.0341	-0.206	0.1187	-0.49	0.0597
PCHAS_133560	-0.518	-0.171	0.3238	0.1125	0.0136	-0.005	0.3228	0.1135	0.0621	-0.821	0.0344	-1.041
PCHAS_040490	1.0295	0.6201	0.1294	0.6352	-0.066	0.2889	-0.454	-0.041	0.2582	-0.756	-0.708	0.3696
PCHAS_041880	0.3045	0.3267	0.1614	0.1546	-0.006	-0.129	0.0941	0.1185	-0.137	-0.051	-0.06	-0.011
PCHAS_132180	-0.779	-0.965	0.4312	0.1125	0.0892	-0.017	-0.179	0.0353	0.2981	0.4073	0.6361	0.3133
PCHAS_101420	-0.099	-0.087	-0.101	0.0477	0.0684	0.5028	-0.249	-0.086	0.2261	1.1665	0.5986	0.8426
PCHAS_101970	-0.402	-0.322	0.3794	-0.524	-0.169	-0.098	0.2069	0.303	-0.16	0.6853	0.4329	0.4154
PCHAS_132650	-0.055	-0.032	0.4735	0.3866	0.4863	-0.039	-0.056	-0.266	-0.071	-0.689	-0.843	-0.727
PCHAS_145080	0.5238	0.2288	0.221	0.3333	0.082	0.1754	0.0855	0.1376	0.2344	0.4661	-0.343	0.3712
PCHAS_145260	-1.439	-1.084	-0.899	-0.273	0.0171	-0.254	-0.067	0.6321	0.3358	0.1982	-0.008	0.1042

PCHAS_140680	-0.466	-0.075	-0.273	0.2311	0.1659	0.2326	0.0989	0.0821	0.0231	-0.43	-0.504	-0.304
PCHAS_062180	0.6743	0.2649	0.2825	0.2806	0.0088	-0.286	-0.595	-0.734	-0.471	-1.117	-0.647	-0.752
PCHAS_131750	-0.328	-0.01	0.0274	0.337	0.0881	0.124	0.1597	-0.508	0.1168	-0.479	-0.582	-0.598
PCHAS_111740	-0.288	0.1461	-0.103	0.268	-0.098	0.2262	0.579	0.3043	0.2126	-0.159	0.2137	-0.192
PCHAS_081840	-0.145	-0.132	0.1862	0.6982	0.3367	0.4875	0.4477	0.488	0.32	-0.377	-1.267	-0.036
PCHAS_101790	-0.467	-0.348	-0.749	-0.391	-0.114	0.3716	0.9068	0.9587	0.4235	0.9931	0.2287	0.6016
PCHAS_083140	0.4424	0.7476	0.2301	0.2152	-0.084	-0.15	-0.767	-0.516	-0.322	-0.885	-0.963	-0.83
PCHAS_020620	-0.806	-0.1	0.3692	0.5392	0.2804	0.1607	0.7025	0.0374	0.2209	-0.743	-0.427	-0.477
PCHAS_102120	1.045	0.0003	0.2119	-0.094	0.1342	-0.007	-0.082	0.1954	0.0646	0.0749	-0.273	0.129
PCHAS_010160	0.7965	0.4406	0.1845	0.296	-0.087	-0.314	-0.809	-0.674	-0.342	-1.068	-0.419	-0.899
PCHAS_071400	-0.347	-0.125	-0.156	-0.099	0.1481	-0.181	0.537	0.0717	-0.012	-0.028	-0.258	0.043
PCHAS_134380	0.2789	-0.359	0.3489	0.5079	0.1032	0.6899	0.0035	0.3482	0.5066	0.2678	-1.36	0.7085
PCHAS_081790	0.5946	0.3472	0.7599	-0.074	-0.454	-0.266	0.2307	-0.181	-0.452	-0.684	-0.046	-0.319
PCHAS_071870	0.1086	0.0013	0.0142	-0.046	-0.038	0.0083	-0.023	-0.329	-0.086	-0.11	-0.209	0.0064
PCHAS_083300	-0.132	-0.295	0.408	0.1428	0.0678	-0.09	-0.775	0.0312	-0.68	0.1918	1.2353	0.3923
PCHAS_111110	0.5292	0.4123	0.4861	0.1181	-0.171	-0.241	-0.232	0.0143	0.0438	-0.324	-0.001	-0.358
PCHAS_113490	0.145	0.2578	0.4586	0.2812	0.2908	-0.74	-0.186	-0.574	-0.462	-2.253	-0.819	-0.728
PCHAS_104020	0.08	0.0633	-0.097	0.5144	-0.044	-0.198	-0.164	-0.201	-0.237	-0.275	-0.029	-0.086
PCHAS_040860	0.0443	0.1805	-0.051	0.0284	-0.018	-0.144	0.1824	0.1801	-0.008	-0.129	-0.021	-0.098
PCHAS_073100	0.8865	0.4558	0.1364	0.225	-0.019	0.3376	-0.424	-0.129	0.1193	1.3419	0.3903	0.884
PCHAS_122500	-0.476	-1.1	-0.895	-0.749	-0.162	0.449	0.5427	0.6679	0.4203	1.1299	0.6126	0.8679
PCHAS_060560	0.0583	0.1807	0.1619	0.1411	-0.009	-0.173	0.5496	-0.086	-0.256	-0.828	-0.555	-0.377
PCHAS_103140	-0.15	0.034	0.2542	-0.146	0.0475	-0.068	-0.036	0.0852	-0.115	-0.097	0.0719	-0.074
PCHAS_102110	0.1711	-0.003	-0.095	0.101	-0.081	0.8918	0.4859	-0.199	0.9924	0.1217	1.4479	0.497
PCHAS_100770	0.8059	0.394	0.4821	-0.131	-0.209	-0.369	-0.444	-0.581	-0.462	-0.649	0.2792	-0.243
PCHAS_051430	0.5266	-0.443	-0.703	-1.088	-0.365	-0.798	0.6525	0.0489	-0.364	1.4453	2.9668	0.6351
PCHAS_060460	-0.237	-0.222	0.2719	-0.437	-0.045	-0.412	0.1457	0.153	-0.318	-0.221	0.0721	-0.162
PCHAS_052290	-1.68	-1.769	-1.852	-1.642	-0.13	0.2899	0.8948	0.7738	0.1931	0.4418	0.1198	-0.319
PCHAS_143180	0.5839	0.6212	0.3629	-0.026	-0.046	-0.475	-0.111	-0.464	-0.299	-0.682	0.209	-0.116
PCHAS_144990	-0.091	0.5111	0.6999	0.4881	0.158	-0.168	-0.02	-0.635	-0.132	-2.011	-0.709	-0.965
PCHAS_122840	0.321	0.0673	-0.038	0.3699	-0.057	-0.269	-0.656	-0.679	-0.477	-0.084	0.089	0.2131
PCHAS_082810	0.4835	0.1158	-0.146	-0.245	0.0544	-0.393	0.3507	0.3503	-0.204	0.104	-0.205	-0.286
PCHAS_082320	0.2382	0.5273	0.4594	0.3279	0.1373	-0.378	-0.083	0.1584	-0.287	-0.378	-0.819	0.0324
PCHAS_071470	-1.046	-0.524	0.078	-0.197	0.1582	0.1116	0.6324	0.5999	0.1838	0.9975	0.8654	0.6734
PCHAS_010890	-0.175	-1.282	-1.243	-1.255	-0.492	-0.258	-0.436	-0.154	-0.113	1.9851	2.4498	1.3956
PCHAS_140880	-0.165	0.0356	-0.03	0.0604	0.1454	0.3201	0.1665	0.192	0.2397	0.2434	-1.691	0.1261
PCHAS_062280	0.7782	-0.226	0.1557	-0.269	0.1141	0.0418	-0.526	0.0478	-0.17	-0.257	-0.2	-0.102
PCHAS_051930	-0.99	-2.024	-2.681	-2.968	-0.219	0.7199	-0.588	-0.312	0.6965	1.503	0.983	1.4521
PCHAS_130390	0.0739	-0.081	0.4033	0.517	0.0825	0.5692	0.4684	0.1669	0.3393	0.4357	0.1651	0.4017
PCHAS_110380	-0.234	-4E-04	0.3174	0.4234	0.3746	0.7343	0.0548	0.1017	0.4331	0.4553	0.0486	-0.294
PCHAS_072520	-0.253	0.8417	0.6017	0.6853	0.1776	0.047	-0.017	0.0802	-0.055	-0.563	-0.902	-0.298
PCHAS_130920	-1.745	-1.824	-1.345	-0.748	-0.047	0.4297	0.8203	1.1351	0.5407	0.8088	0.6042	0.4162
PCHAS_092140	-5E-04	0.5858	0.4593	0.4174	0.1635	-0.036	-0.017	-0.331	-0.143	-0.985	-0.715	-0.525
PCHAS_144050	-0.446	-0.118	0.1557	0.3314	0.3897	0.1458	0.2794	-0.076	-0.056	-0.628	-1.344	-0.45
PCHAS_145090	0.1092	0.2507	0.6392	0.4839	0.1222	0.1765	0.4274	0.8623	0.2433	0.4089	0.6431	0.2581
PCHAS_145110	0.0045	-0.753	-0.275	-0.026	-0.046	0.0499	-0.038	-0.081	0.0633	-0.013	-0.181	0.2362
PCHAS_020710	-0.83	0.025	0.4771	0.1265	0.091	-0.033	0.1381	0.1261	-0.333	-0.087	-0.117	-0.18
PCHAS_120290	0.2155	0.237	0.043	0.3818	0.1577	-0.146	-0.1	-0.441	-0.129	-1.034	-1.109	-0.934
PCHAS_100800	-0.822	-0.727	-0.235	-0.21	-0.122	0.2291	0.1221	0.5374	0.1903	0.7117	0.4465	0.3779
PCHAS_030600	0.2563	0.3045	0.676	0.3212	0.156	-0.317	0.3524	0.3923	-0.197	-0.491	-0.845	-0.358

PCHAS_124240	-0.492	-0.66	0.1986	0.0652	0.1622	0.0247	0.7272	0.3412	-0.001	0.0189	-0.328	-0.187
PCHAS_131440	-0.793	-0.288	-0.343	-0.221	-0.02	0.1254	0.6334	0.7952	0.2877	-0.015	0.3552	-0.015
PCHAS_010560	0.3497	-0.094	-0.205	-0.513	-0.412	-0.37	0.228	0.0014	-0.291	0.6829	0.5597	0.4903
PCHAS_135240	0.0612	0.0516	0.2121	-0.002	0.1444	-0.049	0.3773	0.0119	0.1093	-0.907	0.0695	-0.691
PCHAS_021320	0.8118	0.6632	0.2831	0.3242	-0.082	0.0407	-0.043	-0.272	-0.316	-0.915	-0.562	-0.559
PCHAS_135900	0.2505	0.2493	0.3002	0.0059	0.0987	-0.264	-0.015	-0.381	-0.249	-0.651	-0.323	-0.432
PCHAS_140530	0.3549	0.163	0.3083	-0.006	0.0673	-0.209	0.4578	0.0831	-0.187	-0.91	0.1713	-0.645
PCHAS_145340	-0.352	-0.457	0.5796	0.2334	0.1639	0.0016	-0.346	0.0969	0.1013	-0.464	0.2322	0.0082
PCHAS_140260	-0.284	-1.146	0.0292	-1.829	-0.019	0.3401	1.6822	0.1298	0.1031	1.0726	0.6999	-0.255
PCHAS_070790	0.1902	-0.133	-0.252	-0.099	0.0407	-0.004	0.0192	-0.132	-0.053	0.7315	0.5665	0.8017
PCHAS_080120	0.0174	0.0994	0.2859	0.3086	0.1981	0.1073	0.2202	0.1533	0.004	0.1907	-0.637	0.2555
PCHAS_135020	-0.45	0.0539	0.2035	0.2571	0.3551	-0.016	0.6131	-0.341	-0.06	-1.088	-0.592	-0.914
PCHAS_130940	-0.168	0.1906	0.0248	0.2172	0.0882	0.1283	0.0875	-0.417	0.135	-1.168	-1.001	-0.937
PCHAS_121820	0.5691	0.5746	0.3813	0.7279	0.1446	-0.298	-1.043	-1.205	-0.294	-2.365	-1.723	-1.388
PCHAS_030420	-0.529	-0.562	-0.048	-0.256	0.0702	0.2769	0.5038	0.3642	0.1375	0.1931	0.605	0.48
PCHAS_072100	0.2519	0.0105	0.0572	-0.061	-0.007	-0.208	0.144	-0.145	-0.09	-0.475	-0.204	-0.366
PCHAS_143950	0.7207	1.0381	1.2021	0.3041	-0.015	0.0167	0.0168	-0.006	-0.137	-0.171	0.1168	0.0327
PCHAS_134060	-0.121	-0.036	-1.737	0.9633	0.007	0.5507	-0.227	0.0744	0.9213	0.1743	0.3468	0.8632
PCHAS_020800	-0.319	-0.026	0.541	0.5756	0.2056	0.2316	0.7554	0.5395	0.3439	-0.085	-0.488	-0.194
PCHAS_093420	-0.067	0.2789	-0.427	0.4875	-0.019	0.0991	-0.206	-0.55	0.1416	-0.391	-0.668	-0.186
PCHAS_133250	0.4781	0.4147	0.4576	0.2401	0.117	-0.304	-0.819	-0.624	-0.339	-0.548	-0.822	-0.645
PCHAS_144120	0.3981	0.496	0.1865	-0.168	-0.08	-0.708	-1.088	-1.181	-0.577	-1.866	-1.695	-1.906
PCHAS_072250	0.3556	0.6482	0.4798	0.2559	0.0422	0.3084	0.1652	-0.176	-0.037	-0.246	0.4996	-0.194
PCHAS_093000	0.0763	0.0605	-0.106	0.1772	-0.045	-0.078	-0.432	-0.58	-0.068	0.0116	0.2309	-0.14
PCHAS_135130	0.5601	0.2483	-0.019	0.6572	0.198	-0.117	0.2676	0.3081	-0.313	-0.144	0.3024	-0.135
PCHAS_090180	-0.934	-0.14	0.0165	-0.049	0.0964	0.0723	0.1823	0.2893	0.1227	-0.487	-0.746	-0.514
PCHAS_030380	0.3593	0.1917	-0.257	0.3744	-0.631	-0.083	-0.137	0.3117	0.0332	0.4197	1.0439	0.3088
PCHAS_071775	-0.215	0.1267	0.6273	0.2652	0.0477	0.3357	0.5484	0.0703	0.4292	0.0183	0.3512	-0.174
PCHAS_081590	-0.018	-0.168	0.2208	-0.372	-0.078	-0.225	0.1614	0.0373	-0.155	0.2728	0.6572	0.1625
PCHAS_091150	0.099	-0.684	-0.297	-0.397	-0.061	-0.292	-0.496	-0.145	0.1074	1.055	0.8127	0.8793
PCHAS_145630	-1.089	-0.023	-0.17	0.3624	0.0565	0.3278	-0.42	0.0585	0.3362	-0.455	-0.659	-0.437
PCHAS_145130	0.2233	-0.067	-0.176	-0.037	-0.094	-0.011	0.101	0.4362	0.1891	0.7706	-0.212	0.6453
PCHAS_081640	-0.851	-0.405	0.0577	-0.596	-0.192	0.1147	-0.306	0.4019	0.1599	0.2002	0.3725	0.1773
PCHAS_061770	-0.672	-0.008	0.1861	-0.05	0.2085	1.1546	0.7052	0.461	0.0095	-0.305	0.2222	-0.346
PCHAS_082980	0.4424	0.6843	-0.469	-0.341	-0.588	-0.535	-0.392	-0.403	-1.063	0.2877	-0.494	-0.025
PCHAS_040170	1.3275	0.1621	-0.015	0.1039	-0.488	0.373	0.0108	0.0326	0.3061	0.3916	0.9501	0.6873
PCHAS_111410	-0.146	0.2286	0.1415	-0.039	-0.064	0.1593	-0.459	0.1572	-0.013	0.1916	-0.197	-0.048
PCHAS_136790	0.0631	-0.388	-0.848	0.1108	-0.385	0.2169	0.0414	-0.271	0.1762	1.2003	1.2544	0.9791
PCHAS_136610	-0.352	0.4798	0.763	0.2366	0.0618	-0.003	-0.556	-0.253	-0.079	-0.361	-1.501	-0.084
PCHAS_052370	-0.282	-0.174	-0.086	-0.057	0.1721	0.0124	0.8028	0.4372	0.1632	-0.216	0.0986	-0.222
PCHAS_136460	0.0506	0.0258	0.3225	0.0491	0.1715	-0.223	0.7147	0.0269	-0.096	-0.339	0.0798	-0.101
PCHAS_100150	0.4331	0.3769	0.8735	0.5386	0.2748	0.2586	0.3069	-0.159	0.2699	-0.954	-0.746	-0.458
PCHAS_082040	-0.322	-0.543	-0.797	-0.48	-0.711	-0.433	-1.41	-0.648	-0.612	0.4648	3.3019	0.8659
PCHAS_114540	-1.107	-1.192	-0.862	-0.294	0.1049	0.4672	1.112	-0.034	0.2081	-0.408	-0.577	-0.666
PCHAS_030920	0.0543	0.381	0.0396	-0.316	0.0972	0.0595	-1.154	0.1388	-0.181	-0.03	0.0885	-0.078
PCHAS_102060	-0.343	0.1381	0.0088	0.1653	-0.014	0.149	0.2521	-0.002	0.4059	0.5892	0.683	0.2958
PCHAS_060170	1.562	0.9463	0.5055	0.4578	-0.243	-0.416	-0.238	-0.363	-0.297	-0.041	0.9532	-0.464
PCHAS_100780	0.6126	0.6741	0.3717	0.1871	0.0385	-0.432	-0.384	-1.09	-0.462	-1.057	-0.667	-0.699
PCHAS_122150	0.6926	-0.338	-0.019	-0.267	-0.01	1.2389	-0.188	0.3846	1.153	1.1704	0.694	1.1033
PCHAS_080940	-0.258	0.0786	0.1194	-0.232	-0.043	0.0192	0.4232	0.6305	0.0475	0.4194	0.6107	0.2759

PCHAS_080320	0.0384	0.3117	0.6656	0.5178	0.0633	-0.215	0.2883	-0.189	-0.297	-0.225	0.1265	-0.735
PCHAS_051010	-0.816	-0.501	-0.571	-0.445	-0.102	-0.045	0.8937	0.725	0.0742	1.051	0.9769	0.9333
PCHAS_120280	0.3532	0.2708	-0.259	0.4631	-0.368	-0.345	0.0455	0.0486	-0.407	-0.109	-0.266	0.5826
PCHAS_082720	0.363	0.4744	0.6053	0.2645	-0.08	-0.209	-1.23	-0.996	-0.258	-1.056	-1.607	-1.26
PCHAS_114570	1.796	0.1945	-0.244	0.1218	-0.217	-0.196	0.904	0.0827	-0.257	0.1786	1.4525	0.3446
PCHAS_051580	-0.179	-1.032	-2.015	-0.999	-0.882	-0.155	-1.067	-0.575	-0.167	1.9656	1.0117	0.9582
PCHAS_081450	-0.513	0.1947	0.2069	0.2836	0.2186	0.1378	0.4325	0.1645	0.1797	-0.672	-0.661	-0.976
PCHAS_103260	0.3389	0.0312	-0.228	-0.456	-0.314	-0.325	0.1211	0.0573	-0.359	0.3893	0.398	0.4369
PCHAS_121730	0.3208	0.4514	0.2176	0.0654	0.1013	-0.213	0.2128	0.0016	-0.097	-0.482	-0.272	-0.324
PCHAS_111100	0.2825	0.4236	0.2816	-0.116	-0.019	0.0415	-0.405	-0.271	-0.092	-0.428	-0.405	-0.324
PCHAS_141500	0.3905	-0.055	-1.128	0.7046	0.2422	0.6716	-0.148	-0.053	0.7372	0.2371	-0.293	0.9693
PCHAS_141720	0.3108	0.0063	-0.07	-0.178	0.0392	-0.275	0.2027	-0.219	-0.29	-0.664	-0.328	0.0466
PCHAS_132490	0.0318	0.1776	-0.029	0.4054	-0.125	0.0605	-0.255	0.1671	0.2018	0.0088	-1.474	0.4175
PCHAS_051590	0.0342	0.2536	0.6875	0.3309	0.243	0.049	0.4955	-0.031	0.1407	-0.534	-0.151	-0.183
PCHAS_080110	0.1944	-0.043	0.0751	-0.032	-0.113	-0.184	0.0705	0.1959	-0.139	-0.063	0.11	-0.013
PCHAS_123600	0.7271	-0.09	-0.292	-0.019	-0.012	0.2544	-0.3	0.182	0.0479	0.1752	1.2372	0.755
PCHAS_040280	-0.033	-0.394	-0.233	-0.618	0.0115	0.0162	0.1398	0.1466	-0.067	-0.209	0.3748	-0.25
PCHAS_071550	-0.142	-0.429	0.1879	-0.332	-0.116	-0.587	-0.193	0.288	-0.872	0.1334	0.1817	-0.205
PCHAS_051660	-0.142	-0.093	0.343	0.4681	0.1805	0.1361	-0.668	-0.169	-0.029	-0.627	-0.939	-0.536
PCHAS_092160	-0.167	0.111	0.441	-0.003	0.3116	0.0378	0.6748	0.2065	-0.121	-0.405	0.046	-0.392
PCHAS_104170	0.1847	0.2962	0.5961	0.1472	0.1189	-0.036	0.2004	0.073	0.0486	-1.106	-0.617	-0.412
PCHAS_041430	-0.755	-0.364	-0.455	-0.059	0.1068	-0.023	-0.431	-0.309	0.3349	-1.04	-1.029	-0.695
PCHAS_123470	-0.717	0.0062	-0.154	-0.324	0.0557	-0.409	0.54	0.5412	-0.135	0.0449	0.2385	0.0334
PCHAS_031800	-0.4	-0.041	0.275	0.4099	0.2406	0.0126	0.0581	0.2745	-0.394	-0.771	-0.347	-0.349
PCHAS_133950	-0.91	-0.057	-0.202	0.0863	-0.106	-0.059	1.1039	0.0811	-0.141	-0.144	0.8272	-0.098
PCHAS_071760	0.1977	0.494	0.7707	-0.144	0.0982	-0.489	0.0475	0.1962	-0.357	-0.196	0.6563	-0.207
PCHAS_073000	-0.91	-0.587	-0.431	-0.547	-0.084	-1E-04	1.0178	-0.535	-0.058	1.1562	1.8579	1.0405
PCHAS_140700	-0.222	-0.29	0.2105	0.1821	0.2955	0.2433	-0.294	0.0226	0.0641	-0.661	-0.18	-0.596
PCHAS_090280	-0.208	-0.113	0.1978	-0.47	0.1101	-0.413	-0.09	-0.228	-0.319	-0.641	-0.281	-0.622
PCHAS_090700	1.0483	-0.011	0.8453	0.0517	0.094	-0.304	0.7465	-0.44	-0.269	-0.684	0.3544	-0.599
PCHAS_146670	0.5793	0.3541	0.1074	0.406	0.1614	-0.166	-1.244	-0.889	-0.447	-1.487	-0.498	-1.069
PCHAS_021220	0.607	0.5454	-0.948	0.8877	0.3776	1.9619	1.0747	0.285	0.8493	-0.026	0.5596	1.158
PCHAS_070480	0.0284	0.304	0.3669	0.4951	0.0538	0.0746	0.4122	-0.153	0.0826	-0.399	-0.476	-0.273
PCHAS_131090	0.1514	0.4687	0.2021	0.2845	-0.453	0.0773	-0.331	-0.527	-0.015	-1.217	-2.404	-0.799
PCHAS_070540	-0.231	-0.035	-0.638	-0.887	-0.535	0.3904	-0.113	-0.528	-0.281	0.4195	0.7757	0.4638
PCHAS_146190	0.9657	0.5326	0.8963	0.0877	0.0134	-0.891	0.4642	-0.103	-0.532	-0.884	-0.655	-0.746
PCHAS_101480	-0.654	0.2305	-0.055	0.1082	0.0465	0.0911	0.2887	0.2737	0.1635	-0.119	0.1452	-0.016
PCHAS_093040	-1.061	-0.936	-1.587	-1.225	-0.272	0.0899	0.4093	0.8868	0.1762	1.3473	1.1367	0.9645
PCHAS_122710	-1.526	-0.792	-0.048	-0.185	0.2286	0.1454	0.5247	0.4699	0.3529	-0.231	-0.356	-0.572
PCHAS_101530	-0.213	-0.641	-0.531	-0.715	-0.349	0.3002	-0.53	-0.029	0.2019	1.4725	0.4769	1.0132
PCHAS_091610	0.1726	0.0635	0.2097	0.1343	0.1365	0.1893	-0.239	-0.005	0.0946	-0.094	-0.166	-0.245
PCHAS_103690	0.7527	-0.229	-0.893	0.4102	-0.774	0.767	1.1724	0.7127	0.7518	1.0608	0.4192	0.1982
PCHAS_110790	0.1892	0.0345	0.1021	-0.331	0.0743	-0.117	0.5703	-0.081	-0.005	0.5067	0.4661	0.5893
PCHAS_131000	0.543	0.4389	0.359	0.2829	0.1706	-0.129	-0.329	-0.529	-0.139	-0.606	-1.487	-0.623
PCHAS_136070	-0.407	-1.419	-0.853	-1.394	-0.735	-0.198	0.112	0.0704	-0.218	1.1399	0.6621	1.3378
PCHAS_135420	-0.208	0.6551	0.5606	0.5832	0.1587	-0.02	0.2876	-0.472	-0.029	-1.116	-1.039	-0.693
PCHAS_113600	-0.667	-0.275	0.136	0.1729	0.0676	0.081	-0.062	0.3242	-0.119	-0.14	-0.422	-0.036
PCHAS_110280	-1.268	-2.046	-1.665	-0.985	-0.061	0.2106	0.7966	0.5103	-0.01	0.242	0.3991	-0.298
PCHAS_041030	0.3537	-0.033	0.347	0.2949	0.0574	0.6801	0.6678	0.2818	0.6497	0.0172	0.5695	0.4381
PCHAS_124130	-0.098	1.0495	0.5841	0.4172	0.1397	0.3387	0.6182	-0.208	-0.006	-0.673	-0.911	-0.45

PCHAS_051320	0.0528	0.7558	0.3172	0.2435	0.0164	-0.26	-0.958	-0.707	-0.422	-0.458	-0.627	-0.56
PCHAS_133550	0.7251	0.4175	0.7745	0.45	0.2103	0.363	-0.011	-0.222	0.2915	-0.288	-0.171	-0.332
PCHAS_071690	0.5848	0.1507	0.7303	0.3496	0.293	0.0764	0.453	0.1471	0.0909	-1.015	-0.867	-0.494
PCHAS_113050	0.5507	0.6974	0.5637	0.4886	0.0372	-0.073	-0.733	-0.323	-0.13	-0.392	-0.342	-0.496
PCHAS_081090	-0.156	0.0796	-0.164	0.2223	0.0894	0.2422	-0.039	0.0229	0.0192	-0.508	-0.818	-0.118
PCHAS_100970	-0.292	-0.244	-0.286	0.2522	0.0715	0.0455	0.0532	-0.155	0.1029	-0.686	-0.714	-0.637
PCHAS_144480	0.9655	0.7024	0.4077	0.5461	0.2692	0.7508	0.6803	-0.03	0.3026	-0.466	0.1188	-0.276
PCHAS_083550	-0.377	0.1407	0.2256	0.2848	0.1633	-0.159	-0.456	-0.386	-0.217	-0.524	-0.674	-0.587
PCHAS_010580	-0.004	0.0725	-0.307	0.3728	-0.451	0.2298	-0.026	0.3204	0.1069	-0.47	-0.296	0.3618
PCHAS_130680	-0.42	0.2176	0.5051	0.213	0.2236	-0.115	0.2964	-0.11	0.1843	-0.921	-0.823	-0.676
PCHAS_040250	-0.044	0.2199	0.0971	0.2342	0.0938	-0.189	-0.282	-0.614	-0.145	-1.443	-1.12	-1.146
PCHAS_144180	0.3195	-0.127	-0.171	0.0535	-0.092	0.3511	0.1172	-0.129	0.1422	-0.257	0.4546	0.0919
PCHAS_134210	-0.019	-0.244	-0.259	-0.244	-0.01	0.4968	-0.309	0.3782	0.3187	0.8828	0.2489	0.7631
PCHAS_130210	-0.245	-0.945	-0.301	-0.233	0.1504	-0.158	0.19	0.799	0.2281	1.1171	0.6072	0.8609
PCHAS_011270	0.1404	-0.198	-0.234	-0.404	-0.038	0.2601	-0.301	0.0499	0.3729	0.7685	0.4247	0.5344
PCHAS_090350	-0.362	-0.79	0.2846	0.0552	0.2344	0.2151	-0.218	0.8714	0.1354	0.2923	0.2151	0.5545
PCHAS_131080	-0.028	-0.146	-0.123	0.1469	0.3644	0.1129	0.5733	0.0954	0.0597	-0.251	-0.158	-0.344
PCHAS_083350	-0.291	0.3803	0.3641	0.1071	0.2062	0.12	0.4303	-0.11	0.0108	-0.107	-0.214	-0.056
PCHAS_040230	0.3985	0.0767	0.0522	0.0106	-0.103	0.2308	0.2961	-0.177	-0.048	-0.143	0.0547	0.2495
PCHAS_141300	-1.77	-1.514	-1.656	-0.591	-0.146	0.4821	0.494	0.9146	0.5312	0.3649	0.0121	0.2431
PCHAS_041560	0.5534	0.544	0.408	-0.175	-0.835	-0.38	-0.601	-0.68	-1.22	-1.302	-0.186	0.0209
PCHAS_000930	1.4551	0.5273	-0.039	0.6309	-0.209	-0.792	-1.393	-1.336	-0.694	-0.953	-0.257	-0.328
PCHAS_122740	-0.254	-0.52	-0.583	-0.481	-0.094	0.3945	0.9298	0.804	0.3732	1.1382	0.2564	0.607
PCHAS_073020	-0.977	-0.445	-0.174	-0.219	0.0614	0.3974	0.673	1.1413	0.5675	0.4877	0.6692	0.1453
PCHAS_101190	0.8773	0.5243	0.6639	0.2328	0.0744	-0.188	-1.391	-0.922	-0.218	-0.837	-0.82	-0.526
PCHAS_082820	-0.253	-0.085	0.3246	-0.031	0.1066	0.3897	0.4821	0.2973	0.1677	0.0523	0.0521	-0.119
PCHAS_050760	0.1951	0.0875	0.1596	0.4421	0.0575	-0.073	1.2359	0.6318	-0.09	0.1586	0.622	-0.219
PCHAS_120230	-0.399	-0.184	0.1679	-0.057	0.2778	-0.077	0.8737	0.2908	0.1008	-0.55	0.0546	-0.654
PCHAS_083370	0.0892	-0.394	0.0075	-0.257	-0.022	-0.17	1.1152	0.6343	-0.289	0.2683	0.6992	-0.125
PCHAS_100520	-0.517	-0.989	-0.194	-0.135	-0.039	-0.341	0.5013	0.0549	0.0058	0.5104	0.0332	0.5371
PCHAS_122360	-0.262	0.0233	-0.803	0.3797	0.2186	0.5451	0.3001	0.114	0.4629	-0.103	-0.148	-0.119
PCHAS_122210	0.295	-0.021	0.4613	0.2111	0.0652	0.2613	0.1482	0.1356	-0.189	-0.123	-0.366	-0.166
PCHAS_143150	-0.426	0.1088	0.0856	0.1278	-0.037	0.0894	0.2321	-0.02	0.1995	-0.936	-0.865	-0.969
PCHAS_135930	-0.679	-0.134	-0.046	-0.559	-0.043	-0.011	0.3651	0.2901	0.0494	0.2617	0.6898	0.0892
PCHAS_131710	0.0912	-0.142	-0.271	-0.201	-0.08	0.3979	0.0455	0.1676	0.2336	0.6744	0.3441	0.4934
PCHAS_072240	-0.229	0.0637	0.4271	0.0433	0.2605	0.1127	0.2024	0.2838	0.0934	-0.364	-0.163	-0.42
PCHAS_145740	-0.821	-1.812	-1.182	-1.612	-0.276	0.3013	1.0815	0.9647	0.2245	0.8158	0.754	0.2926
PCHAS_121870	0.772	0.0703	0.3416	-0.054	-0.216	-0.407	-0.273	-0.249	-0.433	-0.141	0.4617	0.0743
PCHAS_062020	0.3148	-0.448	0.2425	-0.005	0.0358	-0.145	-0.203	0.3584	-0.323	-0.218	-0.504	-0.382
PCHAS_122190	-0.058	0.1973	0.1335	0.5424	0.2904	-0.195	-0.211	-0.073	0	-0.104	-0.188	0.0258
PCHAS_031090	-0.644	0.4924	-0.04	0.2918	0.1506	0.845	-0.009	0.592	0.3578	0.991	0.8518	0.3183
PCHAS_021060	0.0062	-0.642	-0.114	0.0078	0.3526	0.023	0.0825	0.523	0.1229	0.3514	-0.458	0.1103
PCHAS_120850	0.2621	-0.117	0.456	-0.36	0.0408	-0.138	1.119	0.113	-0.037	0.2542	0.3817	-0.09
PCHAS_142720	-0.31	0.267	0.5012	0.3876	0.1866	-0.208	0.108	-0.005	-0.218	-0.669	-1.402	-0.442
PCHAS_140750	-0.057	0.8156	0.5102	0.3559	-0.085	-0.28	-0.411	-0.491	-0.239	-0.823	0.2369	-0.601
PCHAS_082330	0.2396	0.4023	0.5674	0.4759	0.3925	0.0497	-0.143	-0.707	-0.067	-0.898	-0.378	-0.861
PCHAS_091690	0.827	0.0049	0.3425	-0.068	-0.066	-0.267	1.2428	0.2393	0.1461	-0.085	0.8505	0.3394
PCHAS_136170	0.527	0.5562	0.412	0.1027	-0.002	-0.421	-0.813	-0.975	-0.601	-0.345	-0.225	-0.074
PCHAS_136990	0.3446	0.3287	0.0637	0.1498	-0.091	-0.126	-0.09	0.0234	-0.204	-0.334	-1.274	-0.428
PCHAS_121750	0.814	-0.778	-0.318	-0.626	0.1149	0.54	0.0552	0.3674	0.4592	1.0951	-0.705	1.0087

PCHAS_082870	-0.134	-0.725	-0.85	-0.412	-0.178	0.3281	0.2785	0.6044	0.2687	0.8989	0.7863	0.8682
PCHAS_112540	0.051	0.4993	0.1869	0.224	0.165	0.0386	-0.564	-0.397	-0.098	-0.494	-0.494	-0.216
PCHAS_141350	0.3573	0.0155	0.7773	-0.241	0.0613	-0.586	0.9939	-0.023	-0.229	-0.88	-0.08	-1.067
PCHAS_136290	-0.025	-0.523	-0.521	-0.429	0.2153	0.5939	0.1541	0.2484	0.4509	0.7823	-0.358	0.3524
PCHAS_090170	-0.189	-0.35	0.4005	0.3921	0.0862	-0.011	-0.224	0.3571	0.2247	0.3573	0.1086	0.3903
PCHAS_040550	-0.201	0.6463	0.8015	0.3305	0.2977	-0.031	-0.022	-0.765	-0.308	-1.035	-1.203	-0.647
PCHAS_011220	-0.179	-0.533	-0.793	-0.693	-0.165	0.6048	-0.652	-0.76	0.2388	1.0135	1.6778	1.15
PCHAS_144570	0.0661	-0.044	-0.412	-0.268	-0.155	0.1451	-0.116	0.0139	0.1789	0.4878	0.4805	0.6931
PCHAS_102860	0.3604	0.3132	0.9183	0.2446	0.1592	-0.502	-0.399	-0.375	-0.267	-0.646	-1.696	-0.098
PCHAS_092500	0.4487	-1.377	-0.297	-1.069	-0.309	0.0477	0.2117	-0.639	0.0914	1.8627	1.4148	0.8701
PCHAS_040790	-0.3	0.1157	0.326	0.0451	0.1092	0.1067	0.1083	0.6523	-0.045	0.3403	0.7573	0.1265
PCHAS_100830	-0.264	-0.157	-0.138	0.0467	0.1069	0.1137	-0.363	-0.017	0.1432	-0.127	-0.049	0.0038
PCHAS_110220	0.0422	0.1257	0.336	0.5197	0.2994	-0.114	-0.193	0.1632	0.1137	-1.059	-0.325	-0.245
PCHAS_112700	-0.073	-0.045	0.1036	0.3104	0.0694	-0.071	-0.357	-0.223	-0.219	-0.427	-0.767	-0.864
PCHAS_124620	-0.037	0.3011	-0.416	0.73	0.1059	0.0893	-0.587	-0.011	-0.203	-0.222	-0.277	-0.158
PCHAS_103900	0.141	-0.221	0.2764	-0.26	0.1085	-0.505	0.1353	0.195	-0.393	-0.663	-0.051	-0.257
PCHAS_040530	-0.846	-0.742	-0.286	-0.42	0.1029	0.1513	0.488	0.4554	0.1764	0.1825	0.5677	0.151
PCHAS_121930	0.8777	0.4519	0.3861	-0.004	-0.01	-0.385	0.345	-0.441	-0.343	-0.915	-0.094	-0.739
PCHAS_132890	0.0365	0.3148	0.1126	0.3246	0.0131	0.0922	0.1875	-0.555	0.0816	-1.982	-1.25	-1.157
PCHAS_092750	0.3881	0.1293	0.6031	0.4989	0.3127	0.1345	-0.101	0.3361	0.2208	-0.258	-0.063	0.5326
PCHAS_141000	0.1102	0.2116	0.3573	0.2313	0.096	-0.1	0.3302	-0.557	-0.192	-0.976	0.0367	-0.739
PCHAS_142020	-0.412	-0.055	0.1107	-0.048	0.0379	0.218	0.5069	0.7578	0.0351	0.2119	0.3485	0.0615
PCHAS_092040	1.3511	0.3568	0.093	-0.054	-0.167	-0.731	-0.279	-0.189	-0.488	-0.436	0.4814	-0.362
PCHAS_123800	-0.154	0.1412	-0.034	0.0096	-0.101	0.0441	0.3008	0.3843	-0.182	-0.222	0.3085	-0.38
PCHAS_051810	-0.194	-0.355	-0.186	-0.156	-0.183	-0.098	0.6103	0.2617	-0.274	0.616	0.3495	0.6164
PCHAS_072650	-0.726	-2.281	-2.738	-2.689	-0.873	0.2176	-1.173	-1.213	0.2116	1.6595	1.4589	1.9206
PCHAS_146070	-0.056	0.867	0.7084	0.8126	0.2609	0.2205	0.571	0.0068	-0.024	-0.822	-1.806	-0.399
PCHAS_132430	0.7896	0.4277	0.5395	0.1044	0.0953	-0.616	-0.074	-0.511	-0.462	-1.041	-0.179	-0.693
PCHAS_071250	-1.155	-0.414	-0.171	-0.07	-0.046	-0.091	0.3629	0.7164	-0.084	0.5934	0.6517	0.066
PCHAS_061560	0.9448	0.5733	0.3779	-0.059	-0.316	-0.464	0.1784	-0.107	-0.458	-0.007	1.027	0.0094
PCHAS_020760	0.1077	0.1691	0.0264	-0.054	-0.362	0.0583	-0.404	-0.005	-0.131	-0.448	0.1348	-0.347
PCHAS_142400	-0.48	-0.522	-0.285	-0.03	0.3117	-0.042	1.2672	0.3228	-0.008	-0.462	0.3252	-0.202
PCHAS_052520	-0.239	0.1182	0.3509	0.3103	0.1193	0.5592	-0.316	0.0021	0.3936	0.2483	-0.315	0.4435
PCHAS_041050	-0.103	-0.261	-0.809	0.6922	0.0191	-0.198	-0.152	0.6759	-0.279	0.0507	0.1164	0.0606
PCHAS_060700	0.6953	0.2848	-0.051	0.2624	-0.11	-0.237	-0.836	-1.039	-0.258	-1.526	-0.959	-0.977
PCHAS_140320	0.1911	0.2442	0.4087	0.0922	0.0502	-0.059	-0.037	-0.597	-0.05	-1.008	-0.868	-0.738
PCHAS_061290	-0.388	0.1568	0.756	0.3203	0.111	0.1727	0.4743	-0.055	-0.106	0.4452	-0.42	-0.652
PCHAS_113580	-0.123	-0.124	0.3926	-0.001	0.2005	-0.179	0.9939	0.3038	-0.38	0.2977	0.6107	0.1542
PCHAS_051540	-0.305	-0.424	-0.167	-0.115	0.0674	0.424	0.1362	0.3235	0.3547	0.1906	0.0273	0.3745
PCHAS_050240	0.0705	0.137	0.2274	0.7581	0.3512	0.0752	0.315	0.0461	-0.009	-1.151	-1.533	-0.792
PCHAS_071060	-0.821	-0.425	0.6333	0.4203	0.2468	0.2362	1.2889	-0.04	0.4174	0.0211	-0.294	-0.538
PCHAS_144830	0.0929	-0.641	-0.122	-0.172	-0.046	-0.052	-0.225	-0.146	-0.028	1.0268	0.6207	1.1152
PCHAS_130740	1.0202	0.5849	0.2821	0.7646	0.1049	0.7496	0.5359	0.6937	0.7002	0.3146	0.2043	0.4598
PCHAS_120220	-0.659	-0.87	-0.387	-0.825	-0.076	-0.092	0.7055	0.7892	-0.192	0.4979	0.7155	0.0993
PCHAS_111820	0.3636	0.3153	0.2539	0.2093	0.263	-0.634	-0.114	-0.089	-0.413	-0.536	-0.465	-0.575
PCHAS_132360	-1.058	-0.47	-0.229	0.0886	0.133	0.0651	0.3573	0.3322	0.2007	-0.545	-0.23	-0.634
PCHAS_112400	0.1657	-0.04	-0.108	-0.067	-0.221	-0.415	0.6477	0.2687	-0.387	0.1919	0.2194	-0.064
PCHAS_071340	-1.18	-0.922	-0.744	-0.413	-0.58	-0.012	-0.268	0.2371	-0.039	0.4239	0.1792	0.3817
PCHAS_146680	1.1422	0.3606	-0.468	0.333	0.1972	-0.166	-1.021	-0.152	0.0425	-0.861	-1.014	-0.871
PCHAS_145830	0.0076	0.3453	0.6712	0.8829	0.3284	0.014	0.2311	-0.396	-0.048	-1.698	-1.732	-0.813

PCHAS_140240	-0.229	-0.828	-0.897	-1.75	-0.89	-0.106	-1.015	-0.278	-0.129	2.1411	2.1573	2.1677
PCHAS_083180	-0.016	-0.518	1.1322	-0.071	0.2347	-0.06	0.0913	-0.339	-0.051	-0.726	-0.378	-0.364
PCHAS_101410	-0.274	-0.143	0.106	0.2135	0.0321	0.7043	0.7177	0.6917	0.5665	0.4944	-0.37	0.6232
PCHAS_071860	-0.555	0.5642	0.5619	-0.187	-0.047	-0.93	-0.652	-0.46	-0.873	-0.249	1.2483	0.066
PCHAS_041730	-0.551	-0.1	0.3214	-0.032	0.3243	0.0614	-0.131	0.0624	0.0199	-0.174	0.0257	-0.337
PCHAS_124400	-0.228	0.1366	0.1262	0.2252	-0.029	0.2268	0.0631	0.3754	-0.015	0.2448	-0.524	0.3759
PCHAS_093560	-0.307	-0.807	-0.423	-0.563	-0.097	0.4801	-0.13	0.6234	0.5411	1.5035	0.6015	1.1493
PCHAS_146870	-0.076	0.0507	0.4739	0.3255	0.2164	0.0118	-0.125	-0.152	-0.002	-0.542	-0.81	-0.861
PCHAS_120620	1.1491	-0.504	-0.297	-0.732	-0.521	-0.209	-0.02	0.0742	-0.123	1.4611	2.0381	0.9131
PCHAS_072560	-0.135	-0.081	-0.055	0.0081	-0.091	-0.645	-0.261	-0.031	-0.554	-0.07	0.3174	-0.402
PCHAS_102760	0.3027	-0.033	-0.045	-0.347	0.0477	-0.153	0.658	0.6434	-0.09	0.1182	0.7388	-0.105
PCHAS_101830	0.1845	-0.645	-0.494	-0.073	-0.014	0.0302	0.4795	0.1463	0.0606	-0.221	-0.792	-0.283
PCHAS_010410	-1.003	-0.951	-0.683	-0.322	-0.013	0.1886	1.0726	0.9615	0.2382	0.5058	0.3807	0.0505
PCHAS_131810	-0.26	-0.183	-0.311	0.4891	-0.097	0.1966	0.2488	-0.543	0.08	-0.616	-1.017	-0.435
PCHAS_146410	-0.815	-0.445	-0.328	-0.104	0.0492	0.3803	0.6734	0.3116	0.4753	0.0401	-0.373	-0.193
PCHAS_135110	-0.355	-0.59	-0.533	-0.724	-0.121	0.0781	0.8894	0.8461	0.1568	1.1161	1.2301	0.8204
PCHAS_113730	-1.31	-1.203	-1.63	-0.477	0.0856	0.7542	0.8449	0.6869	0.952	-0.129	-0.914	-0.25
PCHAS_083740	-0.929	-1.283	-1.236	-0.998	-0.4	0.7432	0.623	0.6642	0.655	0.7377	0.0922	0.6522
PCHAS_101580	-0.065	-0.056	0.0265	0.2161	-0.045	0.0067	0.0176	0.071	-0.043	-0.58	-0.436	-0.4
PCHAS_080870	0.3326	0.0471	0.5864	0.1056	-0.729	-0.367	0.2432	0.5642	-0.19	-0.29	0.231	-0.221
PCHAS_090980	0.8401	0.075	-0.011	-0.629	-0.195	-0.882	0.179	-0.267	-0.741	0.8955	0.4321	1.05
PCHAS_141100	0.5189	0.3085	-0.067	0.0621	0.1913	0.2553	0.3421	-0.111	0.1109	-0.653	-0.276	-0.319
PCHAS_113090	0.526	-0.038	0.72	0.0397	0.1961	-0.074	1.2599	0.1983	-0.028	0.2988	0.2679	0.1415
PCHAS_040590	-0.009	-0.398	0.3585	-0.249	0.1879	-0.092	1.347	0.3531	0.1048	0.2891	0.4404	-0.235
PCHAS_110410	-0.124	-0.312	-0.241	-0.168	-0.073	0.6278	0.1474	0.361	0.4926	1.5801	0.6983	1.1245
PCHAS_062010	-0.821	-0.567	-0.486	-0.383	0.083	0.1867	0.5351	0.6816	0.2574	0.9159	0.7096	0.833
PCHAS_142900	-1.004	-0.685	-0.893	-0.618	-0.123	0.1961	0.6806	0.6009	0.2779	0.8372	0.647	0.7982
PCHAS_135010	0.1535	0.119	0.403	0.2399	0.2671	0.2543	-0.062	0.0962	0.0729	0.0133	0.0127	0.0196
PCHAS_071490	0.3087	0.0247	-0.048	0.0858	0.0187	0.351	0.1318	0.0229	0.3185	-0.289	0.2595	-0.187
PCHAS_091000	-1.468	-1.723	-1.764	-1.495	-0.218	0.2845	0.8846	1.3486	0.4038	0.987	0.7171	0.5114
PCHAS_145140	-1.724	-0.451	-0.794	-0.864	0.0256	-0.266	-0.073	0.0214	0.1589	-0.413	-0.537	-0.425
PCHAS_050290	0.6543	-0.559	0.3048	0.0949	0.0361	-0.099	0.7615	-0.064	-0.058	-0.215	0.0178	-0.044
PCHAS_114040	-0.455	0.2419	0.1031	0.112	0.1366	0.2726	0.7875	0.2854	-0.008	-0.269	0.4197	-0.21
PCHAS_050050	0.8544	0.5267	-0.245	-0.181	-0.545	-0.281	-1.017	-0.799	-0.328	0.1419	0.7675	0.4173
PCHAS_113920	-0.381	0.3631	0.4641	0.3971	0.1174	0.1712	0.3841	-0.11	0.1585	-0.644	-0.925	-0.33
PCHAS_143130	-0.383	-1.004	-0.279	-1.006	-0.16	-0.022	1.1716	0.8792	0.0697	0.8748	1.2696	0.5688
PCHAS_093460	0.437	0.1664	-0.104	0.1425	0.0093	0.1974	0.0118	0.0039	-0.221	-0.474	0.0863	0.2679
PCHAS_133810	0.3237	0.0648	0.3144	-0.098	0.1645	-0.336	0.6531	-0.025	-0.368	-0.342	0.3814	-0.122
PCHAS_051020	0.2378	0.3737	-0.162	-0.414	-0.104	0.4605	-0.469	-0.163	0.5166	1.4936	0.9908	1.2116
PCHAS_083310	-0.238	-1.3	-1.24	-1.435	-0.781	-0.452	-0.634	-0.587	-0.464	1.4068	2.1112	1.7251
PCHAS_071020	0.4378	0.0445	0.2574	-0.271	-0.327	-0.393	-0.063	-0.27	-0.384	-0.429	0.011	-0.488
PCHAS_134080	-0.466	0.1554	0.8555	0.023	0.0522	-0.13	0.2055	-0.688	0.0499	-0.082	0.0238	-0.684
PCHAS_112110	0.2852	0.3118	0.4191	0.0108	0.0469	0.1226	0.4803	-0.033	-0.068	-0.128	1.0547	-0.161
PCHAS_082110	0.1699	-0.243	-0.556	-0.279	0.0712	0.5104	-0.365	0.2059	0.672	1.1118	0.1868	0.8379
PCHAS_134510	0.161	-0.591	-1.268	-0.184	-0.058	1.2203	-1.003	0.3036	0.9611	1.0382	-0.312	1.1479
PCHAS_072260	0.8536	0.7186	0.3133	-0.374	-0.415	-0.739	-0.839	-0.952	-0.804	-0.744	-0.465	-0.639
PCHAS_123830	-0.591	-0.505	-0.348	-0.163	-0.04	0.1236	0.2386	0.6839	0.1993	0.4283	0.2822	0
PCHAS_101010	1.6889	-0.222	0.1313	-0.156	-0.075	0.106	0.1845	-0.225	0.2019	1.0795	1.1509	0.7967
PCHAS_050100	0.594	0.1097	-0.102	-0.625	-0.455	-0.08	-1.549	-0.229	-0.029	2.0148	1.6035	2.1822
PCHAS_010340	0.4506	-0.489	-0.561	-0.315	0.1368	0.6359	-0.06	0.0885	0.0095	-0.519	1.012	0.2145

PCHAS_134640	-0.281	-0.13	0.0151	0.3645	0.115	0.3134	-0.277	0.0777	0.1754	-0.095	-0.649	-0.11
PCHAS_103770	-0.073	0.3063	0.5104	0.3449	0.1815	0.105	-0.224	-0.11	0.0498	-0.729	-0.918	-0.551
PCHAS_071100	0.6765	0.2151	0.9893	-0.059	0.0547	-0.304	0.7038	-0.006	-0.399	-0.222	0.3423	-0.298
PCHAS_041180	-0.569	0.4456	0.461	0.4513	0.2375	0.5544	0.3905	0.383	0.252	0.1325	0.0497	0.5051
PCHAS_102170	-0.537	-1.092	-1.231	-0.487	0.0069	0.4392	0.2611	-0.02	0.0024	0.0926	-0.137	-0.09
PCHAS_030840	0.5457	0.0286	-0.353	-0.223	-0.204	-0.185	-0.02	-0.028	-0.18	0.6257	-0.338	0.4516
PCHAS_136580	0.1955	-0.187	0.1784	-0.095	-0.043	0.2873	0.1028	0.4628	0.2693	0.6107	0.1774	0.4039
PCHAS_120240	0.6216	0.306	0.6273	-0.181	0.1624	-0.005	0.4756	-0.244	-0.129	-0.699	0.0009	-0.66
PCHAS_062100	-1.225	-0.31	-0.443	0.1501	0.1673	0.1723	0.1057	0.4608	0.2692	-0.177	0.0517	-0.129
PCHAS_120170	-0.052	-0.324	0.1782	-0.029	0.2398	0.0595	0.5938	0.2164	0.1505	-0.396	-0.062	-0.387
PCHAS_135000	-0.443	-0.659	-0.469	-0.348	-0.166	-3E-04	0.2348	0.4883	0.0342	0.7181	0.4805	0.3921
PCHAS_120670	-0.153	0.1707	0.4366	0.2862	0.1729	0.3394	-0.056	0.3005	0.2239	0.2715	-0.213	0.0367
PCHAS_102080	-0.301	0.2227	0.887	0.2068	-0.073	0.681	0.3463	-0.608	0.2159	-0.377	-0.4	-0.031
PCHAS_141450	-0.108	0.1351	0.3795	0.5942	0.2995	0.2129	0.2686	0.2769	0.1527	-0.741	-1.009	-0.432
PCHAS_135890	0.2605	0.1825	-0.149	-0.279	-0.256	-0.541	-0.247	-0.305	-0.401	-0.308	0.1178	-0.347
PCHAS_123510	0.5259	-0.139	0.4489	-0.166	0.077	-0.313	-0.067	0.1965	-0.467	0.026	0.1872	-0.271
PCHAS_134090	-0.77	-0.786	-0.274	0.1438	0.1587	0.237	-0.101	-0.473	0.0753	-0.058	-0.406	-0.549
PCHAS_114030	0.6763	0.5159	0.6646	0.2809	0.3304	0.1649	0.1793	0.1794	-0.017	-0.98	-0.988	-0.556
PCHAS_051890	0.7115	0.5047	0.163	0.2553	0.0525	-0.049	-0.496	-0.564	-0.153	-0.699	-0.553	-0.413
PCHAS_010490	-0.219	0.2034	0.1884	-0.165	-0.049	-0.463	0.3864	-0.13	-0.523	-0.556	-1.425	-0.472
PCHAS_011300	1.0892	0.5361	0.0576	-0.453	-0.577	-0.946	-0.815	-0.867	-1	-0.112	1.3689	0.383
PCHAS_082510	0.0917	-0.083	-0.105	-0.18	-0.045	-0.138	0.2873	0.1927	-0.147	-0.358	0.2724	-0.382
PCHAS_100640	-1.04	-0.798	-0.588	0.2953	0.1411	0.2217	-0.167	0.0573	0.2297	-0.054	-1.024	-0.139
PCHAS_020540	0.9856	0.6042	0.7085	1.0423	0.2492	0.4414	0.441	0.0082	1.3227	0.1842	1.2731	0.1471
PCHAS_092020	0.6365	0.5932	0.3493	0.02	-0.106	-0.112	0.0448	-0.045	-0.203	-0.446	0.3245	0.0439
PCHAS_134450	0.6461	0.2166	0.4363	0.0267	0.1296	-0.065	0.2456	0.2635	-0.017	0.7681	-0.009	0.4182
PCHAS_136160	-0.085	0.2444	0.282	0.7399	0.4039	-0.142	-0.015	-0.2	-0.059	-0.6	-0.706	-0.401
PCHAS_112260	-1.531	-0.52	-0.109	0.0122	0.0907	0.1993	1.1464	0.7537	-0.01	-0.295	-0.02	-0.5
PCHAS_081900	0.8148	0.6202	0.4362	0.1277	-0.053	-0.113	0.3195	-0.02	-0.14	-0.258	0.206	0.0703
PCHAS_020450	-0.827	-0.747	0.775	0.3406	0.1531	-0.262	0.487	0.1421	-0.079	-0.909	-0.503	-0.408
PCHAS_091070	0.2037	-1.54	0.6035	-0.398	-0.573	-0.33	0.4424	-0.616	-0.606	-0.771	-1.05	-0.898
PCHAS_103840	0.885	0.3672	0.2874	-0.029	-0.179	-0.633	0.2624	-0.962	-0.828	-1.628	-0.181	-0.394
PCHAS_130450	-0.359	-0.182	-0.097	-0.234	0.1428	0.0085	0.4227	0.0364	0.0525	-0.123	-0.412	-0.093
PCHAS_122290	0.258	0.0266	0.0557	0.4746	0.194	0.0534	-0.216	-0.435	-0.08	-0.479	-1.015	-0.742
PCHAS_133430	-0.7	0.0838	-0.373	0.3757	0.1307	0.173	-0.049	-0.178	0.142	-0.778	-0.872	-0.731
PCHAS_090070	-0.127	0.0684	0.3708	-0.389	0.2119	0.2216	-0.075	-0.073	0.0428	-0.145	-0.086	-0.153
PCHAS_030940	-0.816	-0.316	-0.711	-0.295	-0.218	-0.185	0.2375	0.6458	-0.154	0.2403	0.2488	-0.046
PCHAS_091170	-0.049	1.2706	0.7108	0.6181	-0.039	1.9482	0.0024	1.1257	0.7761	0.5215	0.5345	0.6813
PCHAS_041020	0.4447	0.1875	0.2895	0.178	0.3623	-0.186	0.4137	0.1705	-0.057	-0.867	-1.04	-0.816
PCHAS_120500	-1.231	-0.923	-0.703	-0.482	-0.046	0.2217	0.7879	1.1012	0.3108	0.2123	0.5655	-0.009
PCHAS_081810	-0.203	-0.04	-0.059	-0.372	-0.246	0.0078	0.1121	0.2903	-0.042	-0.157	0.0357	-0.436
PCHAS_123080	0.4443	0.0789	-0.048	0.1718	0.0956	0.082	-0.393	-0.047	0.1211	0.2223	-0.607	0.0482
PCHAS_112480	-0.322	0.0966	0.0727	0.1604	-0.061	0.2102	-0.682	0.1287	0.1641	0.8546	1.2434	0.4718
PCHAS_114470	0.2134	-0.175	0.6358	0.2237	0.0585	0.3382	-0.489	0.2519	-0.082	0.3432	0.5322	0.0466
PCHAS_123250	-0.128	0.2564	-0.966	0.3287	-0.398	0.7054	1.0417	0.2505	0.9851	0.532	0.7093	0.1624
PCHAS_040440	-0.285	0.4662	-0.012	0.3846	0.2619	-0.061	0.199	-0.326	-0.055	0.222	-0.069	0.1407
PCHAS_132690	-0.56	-1.147	-1.235	-0.202	0.288	0.2487	-0.368	-0.179	0.0898	-0.083	-1.007	-0.309
PCHAS_133910	-0.712	-0.012	0.3037	-0.069	0.0685	-0.178	0.2978	-0.07	-0.09	-0.526	-0.467	-0.572
PCHAS_093450	0.0097	-0.1	-0.023	0.0137	0.0924	0.1572	-0.173	0.3327	0.1561	-0.219	-0.159	0.0341
PCHAS_020900	-0.081	0.1481	0.4724	0.2803	0.1441	-0.018	-0.421	-0.356	-0.034	-0.55	-0.971	-0.727

PCHAS_101370	-0.198	0.1292	0.6159	-0.097	0.0796	-0.135	0.6816	0.117	-0.258	-0.13	-0.324	0.0361
PCHAS_113110	-1.416	-2.216	-2.464	-1.559	-0.297	0.7514	0.8969	0.7117	0.7065	1.019	-0.215	0.9488
PCHAS_020890	0.5244	-0.325	-0.64	-0.334	-0.546	-0.312	-0.471	0.1966	-0.278	0.5961	1.9978	0.0512
PCHAS_081850	0.658	2.3764	0.3485	0.6036	-0.032	0.6779	0.4121	0.8874	1.0985	-0.232	1.5424	0.644
PCHAS_030750	0.9106	0.3469	0.5456	-0.039	-0.54	-0.465	0.1892	0.0163	-0.404	-0.723	0.2033	-0.269
PCHAS_136940	0.7342	0.3344	0.3544	-0.002	-0.13	-0.381	-0.449	-0.45	-0.518	0.1874	0.2917	-0.081
PCHAS_121690	0.4096	0.4355	0.1708	-0.073	-0.298	0.2672	0.0681	0.249	-0.021	0.1543	0.5818	0.0562
PCHAS_111330	-0.206	0.5663	0.3266	0.2146	0.1887	0.2613	-0.097	-0.066	0.3336	0.0952	-2.51	0.4183
PCHAS_145820	0.208	0.2256	0.1951	0.3473	0.0748	0.2609	1.3045	0.2532	-0.002	-0.279	-0.016	-0.129
PCHAS_041840	0.4006	0.231	0.3531	-0.019	0.3602	-0.098	0.1543	0.2311	-0.203	-0.411	-0.131	-0.091
PCHAS_071280	0.0908	-0.142	-0.032	-0.347	-0.03	0.162	-0.12	0.0315	-0.156	0.6419	0.8572	0.7617
PCHAS_112680	-0.611	0.0375	0.1202	0.1494	0.1226	0.0371	-0.09	0.0743	0.0071	-0.855	-0.754	-0.709
PCHAS_145370	0.6354	0.1021	0.3806	0.0526	0.0161	-0.008	0.5166	0.1622	0.1602	0.1498	0.6505	0.3186
PCHAS_124380	0.03	0.648	0.6131	-0.024	0.0934	-0.017	-0.711	-0.656	-0.309	-1.574	-0.577	-0.495
PCHAS_112150	1.045	-0.195	0.0097	0.0429	-0.022	-0.228	1.0739	0.6328	0.0414	-0.215	1.0822	-0.317
PCHAS_124410	-0.384	-0.925	0.7603	0.2966	0.0683	0.1453	-0.058	0.0281	-0.131	-0.504	0.538	-0.184
PCHAS_123300	0.0158	-0.168	0.9768	0.4377	0.0043	-0.398	-0.727	-0.287	-0.226	0.0476	-0.819	-0.185
PCHAS_124220	-1.238	-2.059	-2.398	-1.418	-0.493	0.185	-0.012	0.5781	0.221	1.2332	0.4609	0.8988
PCHAS_122080	0.631	0.1544	0.5282	0.192	-3E-04	-0.248	0.4089	0.1348	-0.167	-0.517	-0.955	-0.614
PCHAS_090090	0.0078	-0.563	0.4015	0.2549	0.1726	0.0331	0.4657	0.0335	0.226	-0.386	0.4699	0.0484
PCHAS_051880	0.0156	-0.011	0.0128	0.1999	0.1326	-0.021	0.115	-0.031	0.0248	-0.629	-0.679	-0.211
PCHAS_124000	0.567	0.6832	0.6386	0.2322	0.1413	0.214	1.1389	-0.104	0.1579	0.0364	0.2408	0.1634
PCHAS_093580	-0.397	0.3361	0.6218	0.1909	-0.001	-0.718	-0.107	-0.057	-0.622	-0.775	-0.013	-0.571
PCHAS_061470	-0.429	0.1092	0.0258	0.3091	-0.012	0.0916	0.0963	0.1526	0.0277	0.8568	0.4196	0.6755
PCHAS_143490	0.4377	0.5045	-0.347	0.5245	0.1603	0.0739	0.1668	-0.345	0.2098	-1.03	-0.276	-0.558
PCHAS_135290	0.2838	-0.279	0.3295	0.4056	0.0775	-0.198	-0.497	-0.63	-0.268	-1.028	-0.506	-0.746
PCHAS_122890	-0.605	0.6825	0.9218	0.2717	-0.007	-0.662	-0.954	-1.434	-0.681	-1.834	-1.373	-1.652
PCHAS_030790	-0.321	0.0362	0.2813	0.1209	0.2637	-0.111	-0.234	0.0444	-0.22	-0.37	-0.222	-0.261
PCHAS_133990	-0.176	0.0406	-0.019	-0.119	-0.206	-0.445	0.1957	-0.333	-0.42	-0.372	0.4553	-0.011
PCHAS_134740	1.2397	0.3414	0.1301	-0.59	-0.528	0.208	-0.56	-0.717	-0.533	0.3189	1.5469	0.653
PCHAS_062360	0.5696	0.1784	0.4528	-0.029	-0.074	-0.065	-0.512	-0.466	-0.452	-0.396	-0.059	-0.575
PCHAS_113360	-0.453	0.0708	0.1146	0.1393	0.3242	-0.148	0.4404	-0.018	0.3469	-0.963	-0.645	-1.117
PCHAS_051570	-0.435	0.141	-0.177	-0.057	-0.127	0.4208	0.0246	0.1538	0.1181	0.0099	0.3181	0.1007
PCHAS_140360	-0.696	-0.121	0.3575	0.1702	0.037	0.0361	0.1278	0.3418	-0.01	-0.32	0.1053	-0.362
PCHAS_031600	0.0716	0.9978	0.4595	0.3814	0.0835	-0.154	-0.413	-0.359	-0.104	-0.04	-1.11	-0.033
PCHAS_050940	0.127	-0.27	-0.216	-0.468	-0.324	0.1582	0.8372	0.5007	0.196	0.7537	0.2367	0.4968
PCHAS_134430	-0.805	-0.185	-0.493	0.1833	0.1346	0.6606	0.0737	-0.045	0.627	-0.567	-0.016	-0.344
PCHAS_061910	-0.392	0.0897	0.3168	0.4153	0.0268	0.1429	-0.299	-0.17	-0.025	-0.655	-1.015	-0.604
PCHAS_041220	-0.226	0.1091	0.1755	0.311	0.2123	-0.309	-0.446	-0.13	-0.339	-0.177	-0.815	-0.433
PCHAS_131630	0.8815	0.4858	0.5066	0.1046	-0.179	-0.713	-0.353	-0.605	-0.833	-1.059	-0.105	-0.69
PCHAS_136860	0.1225	0.2184	0.3656	-0.063	0.0682	-0.291	0.463	0.3065	-0.104	0.2917	-0.322	-0.15
PCHAS_131740	0.4159	0.4505	0.2451	0.3753	-0.047	0.351	0.2511	0.0461	0.272	-0.271	0.4978	-0.016
PCHAS_143470	1.008	0.5879	-0.192	0.1129	-0.368	-0.287	0.5457	0.5073	-0.216	-0.081	1.1621	0.8528
PCHAS_031510	-0.087	0.4263	-0.027	0.6979	0.188	-0.601	0.0801	-0.071	-0.21	-0.658	-0.83	0.1428
PCHAS_142950	0.5058	-0.036	0.5792	0.0442	-0.012	-0.079	-0.196	-0.182	-0.174	-0.022	0.1319	-0.106
PCHAS_142730	-0.052	0.0612	0.5824	0.4008	0.1185	0.1465	0.2735	-0.404	-0.043	-1.286	-0.39	-0.826
PCHAS_145590	-0.698	-0.133	-0.017	0.0043	0.0884	0.1394	0.7686	0.7373	0.1721	-0.118	0.2735	-0.387
PCHAS_124280	0.7249	-0.801	-0.04	-1.052	-0.032	0.0771	0.6038	0.7351	-0.156	1.1088	0.9399	0.9563
PCHAS_133510	0.3806	0.2687	0.5284	0.2934	0.1162	0.1792	0.4382	0.1548	0.0711	-0.915	-0.35	-0.619
PCHAS_102140	0.1322	-0.01	0.2068	-0.068	-0.441	-0.092	0.5588	-0.051	-0.348	-0.82	-1.026	-0.603

PCHAS_142910	0.2712	0.5135	0.4188	0.339	0.221	-0.254	-0.105	-0.381	-0.217	-1.585	-0.883	-0.842
PCHAS_141070	0.8706	0.1465	0.3009	0.0782	-0.035	-0.131	0.8957	0.1347	-0.111	-0.293	0.2786	-0.174
PCHAS_134560	0.2397	-0.123	0.0494	-0.122	-0.054	0.7145	-0.126	0.0407	0.2866	0.8243	0.434	0.9245
PCHAS_020820	0.1223	0.1305	0.2507	0.5975	0.3233	0.7388	0.2483	-0.066	0.6496	-1.108	-0.775	-0.51
PCHAS_090550	0.2955	-0.004	-0.039	-0.037	-0.183	0.3482	-0.156	0.3095	0.1981	0.8986	0.8851	0.8577
PCHAS_101200	0.6939	-0.84	-1.184	0.7461	0.1046	0.6857	-0.434	-0.255	0.0923	-0.738	-0.225	-0.054
PCHAS_121990	-1.317	-1.096	-0.545	-0.713	-0.242	0.0711	0.6163	0.7399	0.0524	0.58	0.4999	0.2776
PCHAS_123760	0.2556	0.1498	0.1573	0.0217	0.0633	0.3961	-0.471	0.0045	0.3563	0.8807	-0.009	0.3458
PCHAS_091400	1.9936	0.0017	0.0829	0.4601	-0.479	0.6805	1.744	1.2352	0.0854	0.8842	0.1769	0.1841
PCHAS_062060	-0.296	0.109	0.3538	-0.146	0.1403	-0.111	0.7248	0.2813	-0.033	-0.21	0.0205	-0.358
PCHAS_030780	-0.203	0.4079	0.6093	-0.336	-0.178	-0.606	0.678	-0.134	-0.437	-0.535	-0.234	-0.391
PCHAS_082140	-0.612	0.2658	0.3716	0.6239	0.4865	-0.059	-0.231	-0.127	-0.043	-0.838	-1.676	-0.832
PCHAS_130560	0.6603	0.2008	0.0663	0.0655	0.185	-0.199	0.3633	-0.139	-0.233	-0.514	-0.54	-0.47
PCHAS_140840	0.4871	0.0005	-1.353	0.3876	0.0015	1.067	0.3506	-0.563	0.7065	0.543	0.8057	0.6974
PCHAS_143270	-0.682	-0.154	0.1077	0.1364	0.34	0.8053	0.9536	0.6455	0.5967	-0.297	0.1013	-0.107
PCHAS_136570	-0.424	0.1924	0.274	0.3676	0.1601	0.2671	-0.672	-0.256	0.0985	-0.726	-0.958	-0.721
PCHAS_020130	0.1578	0.1446	-0.207	-0.195	-0.096	-0.375	0.024	0.0648	-0.278	0.1115	0.6585	0.0483
PCHAS_052020	0.1173	0.6353	0.1179	0.0461	0.1164	0.5448	-0.136	-0.149	0.4367	0.2463	0.4909	0.403
PCHAS_144700	0.7704	-0.412	0.204	-0.218	0.1274	-0.338	0.4342	0.784	-0.288	0.3549	0.854	0.4899
PCHAS_133940	0.1304	-0.558	-0.26	-0.136	0.1643	0.0159	0.1402	0.6287	0.0517	0.1342	0.2584	0.1544
PCHAS_071500	1.2667	0.3872	0.5854	0.0326	-0.282	-0.718	-0.036	-0.229	-0.524	-1.242	-0.507	-0.667
PCHAS_103250	-0.925	-0.846	-0.671	-0.857	-0.38	-0.263	-1.179	-0.619	-0.08	2.0766	1.9471	1.7213
PCHAS_091900	-0.078	0.2172	0.7675	-0.001	0.199	-0.193	-0.605	-0.346	-0.548	-0.592	-0.526	-0.337
PCHAS_061600	-0.384	0.6221	-0.013	-0.413	-0.06	0.1075	0.1245	0.2707	0.067	1.2265	0.7084	0.6881
PCHAS_136320	-0.809	-0.405	0.1762	-0.088	0.1018	0.223	0.347	0.4215	0.0919	-0.069	0.0707	-0.534
PCHAS_061120	0.6919	0.3733	0.6197	0.3702	0.1844	0.5331	0.0831	-0.101	0.5774	-0.292	0.1529	-0.009
PCHAS_011180	0.5217	0.4179	-0.121	0.2537	-0.135	-0.575	-0.568	-0.378	-0.609	-1.121	-0.677	-0.608
PCHAS_090760	-0.499	0.0015	-0.026	-0.06	-0.197	-0.686	-0.108	-0.419	-0.45	-0.007	0.5153	-0.327
PCHAS_111720	-1.56	-1.609	-1.783	-1.022	-0.209	0.3641	0.955	0.9948	0.5276	0.3189	0.2177	0.1599
PCHAS_143280	-0.984	-0.164	-0.287	0.4782	0.1524	0.4725	0.2662	0.0724	0.4349	0.0335	-0.436	-0.192
PCHAS_141820	0.7271	0.4449	0.2816	0.1617	-0.286	-0.612	-0.208	-0.554	-0.587	-1.025	-0.368	-0.496
PCHAS_051830	-0.739	0.1996	0.4696	0.2981	0.2689	-0.132	-0.041	-0.159	-0.096	-0.253	0.3795	-0.494
PCHAS_031590	-1.009	-0.639	-0.763	-0.193	0.0017	0.2013	0.2744	0.5405	0.2399	0.2393	0.0756	0.188
PCHAS_112970	-0.206	-0.32	0.0845	-0.456	-0.047	-0.173	0.3174	-0.004	-0.325	0.2809	0.3538	-0.096
PCHAS_093700	-0.997	-0.28	0.0865	0.3607	0.191	0.5818	0.9177	0.1896	0.614	-0.501	-0.25	-0.713
PCHAS_091820	0.3977	0.4623	0.2336	0.3003	0.1285	-0.527	0.2119	-0.178	-0.287	-0.555	-0.17	-0.587
PCHAS_104010	-0.239	0.0698	0.0218	0.2695	0.0355	0.0145	-0.018	0.1197	-0.027	-0.528	-0.56	-0.316
PCHAS_135190	0.2873	0.5655	0.4662	0.1767	0.0985	-0.261	-0.053	0.248	-0.141	-0.079	0.7028	-0.212
PCHAS_132290	-0.872	-0.166	0.3065	0.0819	0.1234	0.1311	1.279	0.6641	0.0898	-0.1	-0.013	-0.24
PCHAS_102070	-0.034	0.3935	0.4704	0.5684	0.0434	-0.246	-0.868	-0.232	-0.199	-1.234	-1.551	-1.008
PCHAS_101390	-0.066	0.569	0.3114	0.1349	0.0782	-0.265	-0.305	0.1619	-0.013	0.0581	-0.176	-0.457
PCHAS_090110	0.2322	-0.065	0.1336	0	-0.04	-0.366	0.2129	-0.053	-0.394	-0.686	0.0052	-0.675
PCHAS_091270	-0.29	-0.122	0.213	-0.144	-0.028	-0.387	0.9963	0.0711	-0.295	0.1819	0.0681	0.2045
PCHAS_090320	0.3072	-0.193	-0.114	-0.274	-0.058	0.038	0.047	0.143	-0.059	0.0676	-0.068	0.0793
PCHAS_143580	-0.051	-0.42	0.2355	0.347	0.0827	0.3248	-0.434	0.1077	0.3503	-0.25	-0.711	-0.344
PCHAS_021030	1.2389	-0.607	0.1689	-0.402	0.0851	-0.115	0.1458	0.6028	-0.109	0.8578	0.7729	0.2719
PCHAS_101170	-0.082	0.2924	0.2855	0.1934	-0.14	-0.022	-0.112	-0.499	0.0408	-1.009	-0.916	-0.748
PCHAS_020170	0.0757	-0.011	0.2826	-0.095	-0.146	-0.002	0.3466	0.0282	0.0584	-0.307	0.6682	-0.337
PCHAS_041660	-0.341	-0.818	-0.293	-0.906	-0.195	0.3963	0.244	0.7514	0.1781	1.2891	1.1078	0.6204
PCHAS_101640	-0.541	-0.054	-0.158	0.1654	0.3424	0.0059	0.3644	0.0523	0.2971	-0.486	-0.628	-0.138

PCHAS_083650	0.4611	0.303	0.1582	0.1852	0.0492	-0.066	-0.862	-0.301	-0.188	-0.42	-0.279	-0.013
PCHAS_124210	0.6784	-0.177	0.3827	-0.195	0.0027	-0.129	0.9808	0.1472	-0.038	-0.168	0.2909	-0.192
PCHAS_133880	0.945	0.6168	0.2531	0.1605	-0.186	-0.225	-0.21	-0.765	-0.432	-1.113	-0.12	-0.359
PCHAS_031680	-1.207	-1.725	-1.918	-1.161	-0.339	-0.018	1.03	1.3032	0.3142	0.7719	0.7206	0.7579
PCHAS_136670	0.1632	-0.228	-0.174	-0.011	0.0095	0.3597	-0.343	0.4668	0.0589	0.8911	0.4566	0.7531
PCHAS_104090	0.3354	-0.018	0.0152	-0.261	-0.428	-0.424	0.0772	-0.29	-0.435	0.0296	-0.279	0.0069
PCHAS_131610	0.7352	-0.951	-0.047	-0.811	-0.052	0.0836	0.1077	0.5567	-0.021	1.4228	1.4594	0.7688
PCHAS_103670	0.6377	0.076	0.231	-0.249	-0.062	0.0431	0.2008	0.5544	-0.062	0.2015	0.6283	-0.038
PCHAS_134900	0.1943	-1.607	-0.092	-0.639	-0.082	0.1388	0.0197	-0.239	-0.028	0.3727	0.6637	0.1709
PCHAS_073050	0.6664	0.405	0.281	0.2646	0.1031	0.2184	-0.34	0.0567	0.2977	-0.145	-0.76	0.0558
PCHAS_091810	-0.58	-1.559	-1.088	-0.711	-0.083	0.234	1.2753	1.1421	0.2678	0.2967	0.3884	0.1239
PCHAS_093080	0.2595	-0.419	-0.74	-0.657	-0.139	0.0458	-0.099	0.6473	0.1264	1.5238	0.7153	0.6886
PCHAS_072550	0.2022	0.5615	0.203	-0.246	-0.144	-0.306	-0.558	-0.484	-0.471	#####	0.1281	0.0651
PCHAS_124500	-0.173	-0.166	-0.039	0.3015	0.3211	-0.052	0.2583	0.0153	0.01	-0.62	-0.172	-0.73
PCHAS_093480	-0.548	-0.036	0.1575	-0.183	-0.064	-0.111	1.3743	0.3253	-0.128	-0.251	-0.118	-0.065
PCHAS_144200	0.2907	0.8686	0.6428	0.2316	0.066	-0.186	-0.16	-0.212	-0.152	-0.841	-0.891	-0.6
PCHAS_040960	0.2459	-0.326	0.0236	-0.377	-0.31	-0.71	-0.18	0.1328	-0.733	-0.119	0.5024	-0.062
PCHAS_121800	-0.175	-0.311	0.3923	-0.333	0.0537	0.1119	0.5306	0.7538	0.0224	-0.826	0.5511	-0.317
PCHAS_030160	0.8101	0.4248	0.3603	0.2055	0.0004	0.1844	0.2374	0.2584	0.0425	0.1529	0.4653	-0.052
PCHAS_122260	0.3743	0.4039	0.0554	0.1848	0.1544	-0.1	0.2816	0.2782	-0.187	0.3767	1.4143	0.1469
PCHAS_121190	-0.236	0.2577	0.6386	0.5805	0.3837	-0.296	-0.159	-0.231	-0.358	-1.331	-2.16	-0.984
PCHAS_144010	-0.625	-0.382	-0.49	-0.249	-0.085	0.026	0.3022	0.3536	0.1141	0.2694	0.0944	0.4383
PCHAS_061420	-0.398	-0.052	0.4201	0.2352	0.2305	0.1444	0.5533	0.4096	0.1323	-0.092	0.2605	-0.114
PCHAS_060070	-0.036	0.3676	0.3937	0.4067	0.2321	0.0846	-0.457	-0.257	-0.015	-0.758	-1.449	-0.563
PCHAS_101230	-0.177	0.1227	0.0412	0.0384	-0.001	0.2662	-0.12	0.0884	0.1007	0.5037	-0.197	0.3654
PCHAS_071540	0.5347	0.0603	-0.01	-0.173	-0.205	-0.156	0.1048	0.1995	-0.309	0.2574	0.5522	0.3263
PCHAS_081580	0.1921	-0.242	-0.011	0.5667	0.0114	0.3978	0.353	0.2425	0.4623	-0.248	-0.388	0.6013
PCHAS_103220	0.0106	-0.219	0.0883	-0.265	-0.094	0.0733	0.2078	0.5155	-0.087	0.2283	0.6179	-0.084
PCHAS_131230	-0.16	-0.168	0.5849	0.5171	0.1205	-0.246	0.1365	-0.21	-0.289	-1.451	-1.076	-0.801
PCHAS_133270	-0.239	-0.112	-0.244	-0.194	-0.303	0.0617	0.0842	-0.014	0.0341	0.061	0.0383	0.0558
PCHAS_093720	-1.215	-1.042	-1.116	-1.05	-0.306	0.3855	0.6734	0.9638	0.3405	0.6806	0.1482	0.571
PCHAS_091580	0.1911	0.389	0.3028	0.211	0.2437	0.0242	0.2486	-0.08	0.0411	-0.581	-0.195	-0.195
PCHAS_090630	-0.242	0.0819	0.1371	0.3001	-0.527	0.5741	0.025	-0.189	0.5677	-0.098	-0.08	0.2476
PCHAS_122230	-0.649	0.1245	0.0642	0.3728	0.1904	0.3445	0.0824	0.2553	0.1678	-0.097	-0.119	-0.259
PCHAS_133300	-1.097	-0.857	-0.413	-0.244	0.0438	0.165	0.6316	0.6032	0.4244	0.5027	0.2948	0.376
PCHAS_041270	#####	0.2925	0.3504	0.1974	0.2121	0.2237	0.3397	0.339	0.0811	0.1583	0.3228	0.1467
PCHAS_040510	-0.23	0.4847	0.4744	0.2523	0.0344	-0.112	-0.335	-0.357	#####	-0.526	-0.333	-0.559
PCHAS_136270	-0.633	-0.45	0.0892	-0.072	0.2989	0.0251	0.6943	0.2767	0.1346	-0.36	0.1155	-0.421
PCHAS_121060	0.86	0.2558	0.5026	0.2605	0.1941	0.2061	0.8108	0.2491	0.2963	-0.14	0.7593	0.0316
PCHAS_134010	0.0589	-0.053	0.1771	-0.244	0.1831	-0.489	0.087	-0.177	-0.374	0.2315	0.5577	0.1812
PCHAS_081260	-1.374	-1.825	-1.552	-1.543	-0.674	0.0235	0.12	0.8927	0.1745	1.215	0.6555	0.7848
PCHAS_021180	0.5829	0.5201	0.4177	0.2727	-0.123	-0.471	-0.589	-0.959	-0.568	-1.568	-0.76	-0.986
PCHAS_072700	-0.304	-0.159	-0.077	-0.476	0.1774	-0.303	0.8874	0.2636	-0.21	-0.011	0.0368	-0.035
PCHAS_132660	0.2768	0.3853	0.4676	0.4272	-0.101	0.1606	1.0214	0.5733	0.0862	-0.684	0.3127	-0.396
PCHAS_051390	-0.993	-0.14	-0.044	0.0777	0.0948	-0.14	0.8892	-0.189	-0.111	-0.412	-0.214	0.0825
PCHAS_111640	-0.746	-0.75	-0.262	-0.668	-0.171	0.7138	0.6009	0.6615	0.503	1.0413	1.3705	0.7733
PCHAS_082380	0.2044	0.1759	0.4236	0.33	0.4035	-0.01	0.1204	0.0128	0.0743	-0.599	-0.359	-0.544
PCHAS_122070	-0.923	-0.949	-0.487	-0.002	0.1058	0.4226	1.3356	0.4718	0.2132	-0.055	1.0971	0.175
PCHAS_140670	-0.202	-0.171	0.6941	0.3878	0.2521	-0.161	0.5088	-0.078	-0.281	-1.45	-0.546	-0.899
PCHAS_112370	0.2536	0.0076	0.0929	0.3463	0.2197	-0.013	0.6455	0.5122	0.1746	0.8268	-0.136	0.8948

PCHAS_122310	0.378	-0.325	-0.5	-0.501	-0.499	-0.126	-0.518	-0.314	-0.326	1.6726	2.2819	1.7237
PCHAS_100330	-0.296	-0.858	-0.647	-0.974	-0.288	0.2014	0.1905	0.0838	-0.104	1.3411	1.2628	1.3328
PCHAS_122280	-0.332	-0.333	-0.496	-0.605	-0.288	0.3641	-0.076	0.2063	0.3008	0.8003	0.163	0.4506
PCHAS_041130	-0.783	-2.06	-1.365	-2.23	-0.405	0.3246	0.4297	0.411	0.4507	1.3796	0.9235	1.2496
PCHAS_124320	-0.459	-0.106	0.3911	0.5605	0.1327	-0.028	-0.056	-0.256	-0.009	-0.993	-0.627	-0.469
PCHAS_134320	-0.233	0.1542	0.4229	0.6815	-0.031	-0.076	-0.023	-0.111	-0.005	-0.763	-0.527	-0.628
PCHAS_123210	0.5587	0.3439	0.5242	0.2141	0.2358	-0.048	0.4608	-0.251	0.0541	-0.12	-0.908	0.0313
PCHAS_082240	0.7402	0.4218	0.3137	0.2249	-0.168	-0.426	-0.702	-0.459	-0.311	-0.471	-0.582	-0.575
PCHAS_121760	0.0093	-0.114	0.0166	-0.198	-0.085	-0.273	0.3959	-0.053	-0.265	-0.994	-0.418	-0.806
PCHAS_091480	-0.042	0.1324	0.1986	-0.285	-0.129	-0.587	0.2308	0.3262	-0.529	0.6107	0.5792	0.6074
PCHAS_081080	0.3166	0.1092	-0.019	-0.146	0.3818	-0.331	0.1823	-0.211	-0.439	-0.626	-0.106	-0.649
PCHAS_093610	0.8114	-0.04	-0.214	-0.176	-0.331	-0.33	0.3006	-0.311	-0.072	1.7324	2.2975	1.8051
PCHAS_081910	-0.044	0.0229	-0.065	0.4917	0.2529	0.3259	0.1841	0.11	0.179	0.0351	-0.815	-0.263
PCHAS_051510	-1.125	-0.427	-0.483	-0.007	0.3108	0.5528	0.22	0.7553	0.3908	0.8515	0.5675	0.8674
PCHAS_090100	-0.653	0.1509	-0.118	0.1906	0.0539	-0.316	0.3196	-0.111	-0.186	-0.9	-0.521	-0.652
PCHAS_141900	0.2425	0.2852	0.1505	0.8843	0.3343	-0.055	-0.522	-0.841	-0.224	-0.716	-0.432	0.2118
PCHAS_070310	0.2385	-0.249	-0.067	0.0374	0.0447	0.2849	0.2952	0.2618	0.1467	0.0982	0.9148	0.3241
PCHAS_091470	0.7862	0.4292	0.4155	0.1275	-0.079	-0.09	0.5298	-0.47	-0.336	-0.779	-0.088	-0.547
PCHAS_021130	-1.132	-0.429	-0.332	0.0381	0.1367	0.4702	0.5813	0.537	0.4343	0.1433	-0.044	0.1952
PCHAS_111840	0.1232	0.0361	0.0687	-0.277	-0.003	0.3321	0.4958	0.5511	0.2629	0.3666	-0.433	0.457
PCHAS_135620	-0.086	-0.641	1.1463	-0.179	0.0198	0.197	0.6034	-0.084	-0.106	-0.896	-0.15	-0.459
PCHAS_103940	0.3704	-0.389	0.7406	-0.195	0.1369	-0.56	0.7651	0.0727	-0.492	-0.704	0.4977	-0.385
PCHAS_010700	-0.27	0.2551	0.246	0.401	0.0037	0.2092	-0.217	-0.614	-0.322	-0.634	-0.507	-0.442
PCHAS_071700	0.8613	-0.502	-0.557	-1.669	-0.428	0.0083	0.0743	-1.056	-0.007	1.0045	1.7214	1.44
PCHAS_011010	-1.528	-0.428	-0.212	0.1557	0.1587	0.0615	-0.135	0.2979	0.0921	-0.101	-0.192	-0.432
PCHAS_082200	-0.172	0.4523	0.4889	0.3921	0.2077	0.0561	0.1313	-0.532	0.0199	-1.304	-0.315	-0.805
PCHAS_123660	-0.133	-0.031	0.181	0.2912	-0.014	0.2486	0.1368	-0.096	0.181	-0.306	-0.529	0.1162
PCHAS_070280	-0.258	0.7801	0.7191	0.2948	0.1207	-0.298	-0.324	-0.316	-0.185	-0.833	-0.939	-0.28
PCHAS_142540	0.21	0.1816	0.3283	0.8823	0.3552	0.0751	0.1323	-0.069	-0.018	-0.329	-0.15	-0.324
PCHAS_133220	1.0703	0.4715	0.9378	-0.006	-0.038	-0.245	0.472	-0.332	-0.036	-1.152	0.0925	-0.614
PCHAS_103190	-0.474	-0.235	-0.173	0.4124	0.2988	0.2668	-0.038	0.3643	0.4021	-0.397	-1.132	-0.371
PCHAS_120800	0.0187	0.2134	0.2458	-0.254	-0.311	-0.45	0.4069	-0.352	-0.575	-0.718	-0.225	-0.662
PCHAS_144850	-0.11	0.5013	0.3968	0.2488	0.1954	0.1561	-0.232	0.0102	0.1793	-0.47	-0.542	-0.637
PCHAS_080930	-1.239	-0.235	0.0088	-0.013	0.2642	0.2735	0.4341	0.1549	0.4155	-0.5	-0.593	-0.588
PCHAS_130580	-1.088	-1.339	-0.753	-0.866	-0.221	0.0976	0.7371	0.9354	0.1951	0.4276	0.4775	0.3269
PCHAS_072110	0.6557	0.3744	0.2429	-0.057	-0.21	-0.544	0.1445	0.1675	-0.147	-0.296	0.6221	-0.239
PCHAS_102970	-0.165	0.0688	0.2272	-0.021	-0.048	-0.032	0.0797	0.2918	-0.075	-0.167	0.2427	-0.168
PCHAS_146330	0.5766	0.1192	0.3492	-0.022	-0.137	-0.168	-0.772	-0.77	-0.57	-0.811	-0.034	-0.332
PCHAS_102330	0.3389	0.9963	0.8932	0.7666	-0.148	0.0378	-0.062	-0.178	0.1286	0.1371	-0.055	-0.164
PCHAS_030230	-0.51	-0.47	-0.36	-0.003	0.0133	0.5128	0.9514	1.1894	0.3078	1.4306	0.5649	1.187
PCHAS_113080	-0.399	0.0778	0.1702	0.4807	0.1399	0.6678	0.3147	0.1904	0.4107	-0.099	-0.546	0.2758
PCHAS_122050	0.0021	0.306	0.1885	0.2207	0.1498	0.0413	-0.079	-0.107	-0.143	-0.346	-2.051	-0.261
PCHAS_146160	-2.14	-2.582	-2.683	-1.782	-0.446	0.5296	0.7541	0.6842	0.5502	0.5638	0.3294	0.3169
PCHAS_041860	-1.42	-1.375	-1.147	-0.527	-0.272	0.3319	0.8299	0.8575	0.4075	0.6784	0.6411	0.6996
PCHAS_000200	0.3394	-1.071	-0.379	-1.75	-0.144	-0.031	0.3788	0.7726	-0.142	1.2766	1.5551	0.4845
PCHAS_091490	0.2268	-0.649	-0.751	-0.564	-0.308	0.1692	-0.508	-0.523	-0.065	1.8219	1.7435	1.3673
PCHAS_101700	0.1736	-0.261	0.2903	0.5936	0.413	0.3579	0.0722	-0.016	0.1989	-1.496	-1.662	-0.841
PCHAS_112220	0.6209	0.1417	-0.352	0.4264	-0.667	0.0592	-1.041	-0.666	-0.021	-1.005	-0.752	-0.141
PCHAS_100580	0.7974	0.1397	0.4482	0.1752	0.2059	-0.449	0.3557	-0.265	-0.434	-0.862	0.2082	-0.327
PCHAS_100840	0.6462	-0.189	0.692	-0.157	-0.132	-0.533	-1.126	-0.727	-0.811	-0.513	-0.388	-0.298

PCHAS_110540	0.5703	0.0394	0.5958	-0.052	0.1028	-0.153	0.0331	-0.215	-0.257	-0.613	0.2204	-0.516
PCHAS_145980	0.5346	0.3473	0.2861	0.5316	0.275	0.083	-0.022	-0.184	0.2585	-0.679	-0.351	-0.43
PCHAS_136060	0.6113	0.6079	0.4977	0.193	-0.042	-0.16	-0.489	-0.513	-0.382	-0.939	-1.396	-0.709
PCHAS_061760	0.3398	0.0107	0.3516	-0.07	-9E-04	-0.223	-0.112	-0.363	-0.209	-0.194	1.8312	0.0262
PCHAS_114400	-0.338	-0.087	0.4887	0.3882	0.2703	-0.053	0.3362	0.2654	-0.113	-0.382	-0.398	-0.21
PCHAS_110980	-0.382	-0.829	-0.823	-0.679	-0.086	0.43	0.3345	0.5498	0.437	1.5938	0.2299	1.1893
PCHAS_121400	-0.278	-0.071	0.2209	0.203	0.1387	0.4598	-0.083	0.2364	0.4638	0.3327	-0.429	0.206
PCHAS_136180	0.1553	0.4238	0.1706	0.669	0.189	-0.324	-1.178	-0.718	-0.204	-1.192	-1.684	-1.078
PCHAS_141710	0.7485	0.2462	-0.089	-0.2	0.1969	-0.348	0.2017	0.4557	-0.165	-0.228	-0.284	0.0507
PCHAS_120040	0.44	0.4684	0.1221	0.3834	0.2253	0.2864	-0.04	-0.178	0.209	-1.378	-0.465	-0.612
PCHAS_124140	0.3454	0.4745	0.573	0.2831	0.0381	-0.438	-0.299	-0.616	-0.451	-1.747	-0.673	-0.733
PCHAS_083250	-0.627	-0.401	-0.123	0.1607	0.3212	0.3848	0.4081	0.3489	0.2751	-0.465	-0.76	-0.394
PCHAS_111680	-0.414	0.3269	0.3501	0.2957	0.1134	-0.052	0.4765	-0.324	-0.255	-1.026	-1.717	-0.441
PCHAS_111090	-0.216	0.6478	0.0452	-0.036	0.3868	-0.097	-0.335	-0.448	-0.346	-0.3	0.1655	-0.339
PCHAS_122620	0.3417	0.549	-0.147	-0.287	0.2475	-0.713	-0.063	-0.165	-0.683	-0.426	0.2092	-0.215
PCHAS_133820	-0.675	-0.89	0.1402	-0.214	0.016	-0.012	0.6694	0.1683	0.0753	0.466	1.1169	0.1679
PCHAS_080700	0.1908	-0.128	-0.279	0.3428	-0.021	0.2445	-0.124	0.2376	0.2959	0.358	0.0622	0.239
PCHAS_081370	0.3248	-0.24	0.1164	-0.433	0.02	-0.392	0.6018	0.2937	-0.52	0.7193	-0.158	0.0454
PCHAS_090010	-0.645	0.0606	0.0693	0.7584	0.7418	0.4013	-0.086	0.0888	0.3806	-0.255	-1.002	0.1012
PCHAS_110550	1.1107	-0.223	0.435	0.0618	-0.021	-0.376	-0.159	-0.332	-0.363	-0.683	0.9939	-0.541
PCHAS_040830	0.3855	-1.227	-0.506	-0.796	-0.077	0.5091	0.7846	0.6189	0.3769	1.3462	0.4981	1.1863
PCHAS_136660	0.3755	0.3223	0.4448	0.2676	0.0901	-0.386	-0.207	-1.015	-0.305	-1.744	-1.022	-1.119
PCHAS_051940	-0.496	-0.087	-0.736	-0.878	-0.534	0.3351	-0.136	-1.001	0.0851	0.464	1.0947	0.8461
PCHAS_144870	-0.788	0.0204	0.1276	1.9823	0.3251	0.1378	-0.648	-0.464	0.2863	-1.203	-1.906	-1.285
PCHAS_134300	-0.273	0.0149	0.4543	0.2854	0.1416	-0.117	-0.302	0.007	0.07	-0.551	-0.27	-0.506
PCHAS_010600	0.8468	0.3679	0.3	0.1398	0.0547	0.1375	-0.258	-0.213	-0.01	-0.356	0.9891	-0.06
PCHAS_142500	0.361	0.8606	0.2152	0.1979	-0.078	-0.261	-0.112	-0.661	-0.396	-0.255	-0.101	-0.298
PCHAS_103470	-0.024	0.1883	0.2954	0.4154	0.1001	0.0645	-0.141	0.185	-0.014	-0.634	-0.411	-0.363
PCHAS_121090	-0.01	0.4432	0.6314	0.7451	0.3223	-0.299	-0.626	-0.56	-0.134	-1.217	-2.384	-1.049
PCHAS_060770	0.3967	0.2023	0.5317	0.3048	0.1434	-0.387	-0.152	-0.348	-0.223	-0.737	-0.782	-0.554
PCHAS_140990	0.7983	0.4348	0.3268	0.164	-0.019	-0.504	-0.136	-0.68	-0.487	-0.821	-0.196	-0.607
PCHAS_111660	-0.563	-0.699	-0.481	-1.077	-0.06	0.2498	0.1922	0.0543	0.1928	0.3664	0.3391	0.1968
PCHAS_072040	0.5334	0.3166	0.7307	0.2307	0.291	0.1365	0.5829	-0.173	-0.011	-0.993	-0.013	-0.175
PCHAS_142010	0.1712	0.0386	-0.073	0.1308	0.042	-0.255	0.0793	-0.039	-0.137	-0.237	-0.28	-0.173
PCHAS_120530	0.6608	0.393	0.6013	0.0637	0.0092	-0.799	0.3948	-0.361	-0.694	-0.773	-1.309	-0.758
PCHAS_081200	-0.379	0.8636	0.8507	-0.275	-0.049	-0.199	-0.298	-0.12	-0.019	0.947	0.9404	0.2158
PCHAS_030970	0.1013	0.5779	-0.065	-0.157	-0.029	0.0455	-0.136	-0.635	-0.099	0.1643	0.1737	0.2622
PCHAS_061750	-0.372	-0.619	-0.532	0.078	0.1592	0.188	0.0235	0.2674	0.0485	0.6965	-0.175	0.2638
PCHAS_121920	-0.397	0.0512	0.363	0.1553	0.1651	-0.119	0.3224	0.1086	-0.202	-0.524	-0.176	-0.566
PCHAS_081630	0.451	-0.495	-0.03	-0.152	-0.149	-0.194	0.5537	0.6796	0.0536	0.7226	0.8908	0.5406
PCHAS_061680	0.5233	0.7178	0.6451	0.304	-0.053	-0.422	-0.138	-0.654	-0.415	-0.933	0.0518	-0.395
PCHAS_070190	-0.915	-0.751	-0.702	0.1308	-0.106	0.4933	-0.399	1.0883	0.777	0.9553	0.7185	0.7602
PCHAS_136100	0.3141	0.6023	0.3446	0.7115	0.2443	0.0918	-0.041	-0.184	0.0646	-0.826	-1.185	-0.667
PCHAS_136890	-1.414	-0.845	-0.916	-0.325	-0.537	0.5904	0.8858	0.6318	0.4477	-0.317	-0.333	-0.59
PCHAS_062130	-0.808	-0.408	-0.711	0.1925	0.093	-0.057	0.349	-0.177	-0.051	-0.133	-0.103	0.5834
PCHAS_112430	-0.122	0.6813	0.5256	0.221	-0.033	-0.188	-0.625	-0.336	-0.406	-0.33	-0.287	-0.533
PCHAS_041420	-0.463	0.9854	0.2106	0.0949	0.16	-0.074	0.2693	0.0309	-0.227	-0.736	-0.349	-0.455
PCHAS_133500	-0.326	0.0126	0.2951	0.3558	0.1336	0.0067	0.474	0.2659	0.0906	-1.052	-0.795	-0.643
PCHAS_100440	-0.29	0.6183	0.786	0.0196	-0.02	0.4192	-0.29	-0.184	0.1308	-0.435	-0.015	-0.44
PCHAS_111880	-0.978	-0.581	-0.46	-0.367	0.1402	0.5532	0.7845	0.8328	0.2767	0.9485	0.7346	0.76

PCHAS_103750	-0.408	-0.166	0.0366	0.1872	0.0884	0.2412	-0.112	-0.127	0.0573	-0.227	-0.002	-0.081
PCHAS_010370	-0.446	-0.129	0.6737	-0.066	0.4691	-0.09	1.1574	0.2776	0.0941	-0.758	0.3525	-0.327
PCHAS_143750	-0.34	-0.518	-0.451	-0.297	-0.113	0.2572	-0.156	0.2481	0.2231	0.8417	0.4587	0.5256
PCHAS_112550	0.4142	-0.003	-0.545	0.2352	-0.139	0.3287	0.543	0.0934	0.363	0.4961	0.3208	-0.045
PCHAS_140730	0.0699	0.0546	0.3242	0.137	0.1706	-0.2	-0.128	0.0366	-0.082	-0.504	-0.384	-0.561
PCHAS_122910	0.2497	0.8363	0.5279	-0.072	-0.238	-0.622	-0.751	-0.901	-0.716	-1.101	-0.449	-0.542
PCHAS_104110	-0.02	0.0889	0.2361	0.2394	0.0689	-0.064	-0.382	-0.192	-0.044	-0.392	-0.984	-0.347
PCHAS_082670	-0.056	-0.074	0.1808	-0.367	0.0291	-0.276	0.6687	0.8164	-0.155	0.2157	0.4413	-0.008
PCHAS_135100	0.5463	-0.198	-0.622	-0.516	-0.143	0.3132	0.0487	0.0389	0.0764	0.0996	1.1043	0.4646
PCHAS_133260	1.2637	-0.234	-0.273	-0.178	-0.151	0.1042	-0.188	0.215	-0.051	0.6292	1.5481	0.9682
PCHAS_091320	-1.065	0.1686	0.0015	0.0071	0.4197	0.0415	-0.027	0.6295	0.3214	0.7031	0.6905	0.3253
PCHAS_114450	-0.736	-0.024	0.6817	-0.185	0.0471	-0.319	-0.037	0.2013	-0.145	-0.735	-1.673	-0.666
PCHAS_136550	-0.557	-0.968	0.0536	-0.603	0.0082	-0.093	0.8647	-0.223	-0.154	0.3131	0.6487	0.2065
PCHAS_132930	-0.32	-0.159	-0.265	-0.232	-0.167	-0.06	-0.104	-0.313	0.0359	0.3149	-0.147	0.2298
PCHAS_093190	0.8223	-0.2	-0.539	-0.01	-0.559	0.3536	1.1583	-0.268	0.3042	0.8932	0.2953	0.2899
PCHAS_050270	-0.315	-0.027	-0.419	0.3315	0.0167	0.1409	0.2996	-0.093	0.1657	0.0061	-0.537	0.263
PCHAS_140830	-0.179	-0.644	-0.573	-0.44	-0.129	-0.238	-0.32	-0.128	-0.151	1.1712	0.8422	0.6848
PCHAS_021160	0.1339	-0.53	-0.902	-0.008	-0.062	0.8559	-0.132	0.6708	0.8613	1.0455	-0.118	1.0788
PCHAS_140980	0.444	0.4826	0.2408	0.136	-0.193	-0.387	-0.698	-0.494	-0.38	-0.476	-0.933	-0.611
PCHAS_141310	-0.169	0.1768	0.113	0.4782	0.4167	0.4897	-1.388	-0.544	0.3526	-0.088	-0.679	0.0674
PCHAS_134530	-0.997	-0.928	-0.298	-1.141	-0.193	-0.199	0.0331	0.5562	-0.111	1.6575	1.665	0.9396
PCHAS_134370	0.692	0.2942	0.0749	0.0257	-0.113	-0.333	0.0974	0.3575	-0.245	0.0944	0.8437	0.1364
PCHAS_140410	-0.579	0.2868	0.0119	0.4541	0.0807	-0.036	-0.445	-0.146	0.0681	-0.313	-0.804	-0.003
PCHAS_071090	0.7217	0.6285	0.2151	0.0958	-0.179	-0.472	-1.374	-1.016	-0.555	-1.606	-1.501	-1.148
PCHAS_145330	-0.684	-0.556	-0.283	0.033	0.0776	-0.033	0.1838	0.6247	-0.073	0.5354	0.2587	0.101
PCHAS_144600	0.0888	1.042	0.4863	0.3069	0.0057	0.0799	0.1364	-0.608	0.2206	0.0345	0.0336	-0.567
PCHAS_146480	0.6859	0.2258	0.5805	-0.142	-0.083	-0.212	0.2719	0.2039	-0.083	-0.223	1.048	-0.335
PCHAS_030550	-0.061	-0.408	-0.419	0.0966	0.1949	0.0869	0.8396	0.6428	0.0982	0.4273	0.0887	0.3732
PCHAS_061890	0.152	0.3415	0.2367	0.2134	0.2592	-0.129	-0.897	0.2677	0.0827	-0.177	0.076	-0.262
PCHAS_100950	0.0016	-0.123	0.1424	0.1017	0.0286	-0.096	0.0681	0.0483	0.0061	0.3735	-0.019	0.2275
PCHAS_040270	0.1356	-0.076	0.157	0.2235	0.2517	0.0754	0.1098	0.1542	0.0412	-0.349	-0.461	-0.506
PCHAS_050400	-0.858	-0.677	-0.626	0.0981	0.0417	0.8818	0.9501	0.9778	0.7882	0.8423	-0.068	0.616
PCHAS_140250	-1.679	-2.093	-2.509	-2.105	-0.229	0.8475	1.0425	0.4122	0.822	0.6887	0.1463	0.6124
PCHAS_112240	-0.325	0.0869	-0.156	-0.247	-0.153	0.0109	0.2688	0.1874	0.0192	-0.005	-0.251	-0.303
PCHAS_131700	-0.153	-0.577	-0.121	-0.388	-0.263	-0.357	-0.168	-0.114	-0.577	0.6673	0.8584	0.9297
PCHAS_040560	-0.268	0.1489	0.6268	0.1873	0.3472	0.439	0.8775	0.2791	0.416	-0.203	0.1511	-0.216
PCHAS_135470	1.5768	-0.091	0.4472	-0.2	0.026	-0.52	1.5184	-0.137	-0.009	-0.683	-0.037	-0.473
PCHAS_103390	-0.869	-1.682	-2.225	-2.193	-0.63	0.757	0.0731	0.2002	-0.155	1.5444	1.6631	1.4478
PCHAS_135450	0.8699	0.0759	0.4512	0.3263	-0.02	0.3919	0.6286	0.6334	0.2761	0.0759	0.4564	0.0295
PCHAS_091290	-0.416	-0.21	0.0709	-0.027	0.0589	-0.278	0.6091	0.5178	-0.102	0.4534	0.4614	0.401
PCHAS_134600	0.9046	-0.074	-0.091	-0.173	-1.061	-0.598	-0.351	-0.051	-0.532	-0.711	-0.599	-0.46
PCHAS_073110	-0.071	0.3583	-0.367	-0.375	-0.305	0.1861	-0.878	-0.201	0.102	0.3103	0.3671	0.6796
PCHAS_132100	-0.146	-0.177	-0.178	-0.154	0.0611	0.4455	-0.051	0.1351	0.215	0.3134	-0.76	0.2056
PCHAS_091840	-9E-04	-0.471	0.0064	0.154	-0.151	-0.61	0.0152	0.5116	-0.526	-0.375	-0.673	-0.244
PCHAS_111730	-0.206	0.1991	0.0685	-0.238	-0.053	-0.456	-0.073	-0.134	-0.459	-0.644	-0.047	-0.188
PCHAS_102660	-0.2	0.2867	0.3169	0.4498	0.4654	0.1166	0.5362	-0.133	0.1169	-2.108	-0.045	-0.752
PCHAS_050950	-0.346	0.0154	0.4861	0.2041	0.2328	-0.024	0.2273	-0.155	0.1546	-0.28	0.0611	-0.225
PCHAS_050630	0.3186	0.4573	0.5766	-0.373	-0.399	-0.294	-0.591	-0.271	-0.409	-0.324	-0.132	-0.62
PCHAS_136410	-0.641	-0.366	-0.185	0.2295	0.0592	0.0437	0.3963	0.7197	-0.023	0.1445	0.4472	0.1578
PCHAS_060440	-0.145	-0.105	-0.11	-0.038	-0.189	-0.489	-0.311	0.07	-0.41	0.0501	0.1735	-0.04

PCHAS_110390	-1.661	-1.57	-1.587	-0.645	-0.083	0.5029	0.9162	1.006	0.471	0.4924	0.3698	0.3305
PCHAS_072470	-0.903	-0.718	-0.392	-0.21	0.1057	0.3753	0.6635	0.5956	0.3866	0.2559	-0.218	-0.071
PCHAS_100360	0.8599	0.5046	0.276	0.1633	-0.195	-0.136	0.2372	-0.368	-0.134	-0.18	0.3452	0.0819
PCHAS_090410	-0.361	-0.003	0.0839	0.2069	-0.304	-0.294	-0.369	-0.031	-0.285	-1.154	-0.085	-0.92
PCHAS_123110	-0.033	-0.122	-0.576	0.3148	-0.446	0.3949	0.0803	0.1047	0.1242	-0.087	0.3503	-0.263
PCHAS_041790	0.6541	0.1221	0.3419	-0.303	-0.089	-0.609	-0.145	-0.16	-0.362	-0.215	0.2072	-0.089
PCHAS_041510	-0.316	0.3126	0.3591	0.5445	0.3048	-0.025	-0.069	0.0627	0.113	-0.565	-1.79	-0.093
PCHAS_060570	-0.337	-0.942	-1.106	-1.092	-0.349	-0.161	0.3744	-0.169	-0.007	2.0516	1.6444	1.7735
PCHAS_082300	1.1073	0.3787	0.4513	-0.124	-0.194	-0.188	0.6239	-0.176	-0.086	-0.07	0.7157	-0.086
PCHAS_073030	1.3038	0.2099	0.2936	-0.329	-0.095	-0.668	0.3103	0.0115	-0.511	0.1493	1.5772	0.1482
PCHAS_031390	-0.626	-0.634	-0.571	-0.321	-0.026	0.4707	0.5642	0.384	0.5045	-0.444	-0.105	-0.552
PCHAS_081330	-0.096	-0.114	0.2334	-0.309	-0.116	-0.224	0.219	-0.225	-0.285	-0.145	-0.136	-0.322
PCHAS_132810	-1.6	-0.739	-0.352	-0.138	-0.322	-0.114	-0.04	0.7118	0.0782	0.3899	0.2603	0.3974
PCHAS_041340	1.2972	-0.355	0.0704	-0.257	0.0421	0.5367	0.0699	-0.128	0.7255	0.1541	-0.681	-0.039
PCHAS_120270	0.621	0.0562	-2.275	1.1862	-1.27	1.3097	0.7713	-0.398	1.0635	0.3019	1.2756	0.8716
PCHAS_031160	0.9938	-0.622	-0.735	-1.272	-0.42	-0.417	-0.075	-0.037	-0.362	1.6893	2.6577	1.2841
PCHAS_110190	0.8365	0.8074	0.5419	0.2854	0.1799	-0.76	-0.804	-1.331	-0.611	-1.383	-0.837	-1.438
PCHAS_052460	-0.968	-0.436	-0.504	-0.771	-0.232	-0.056	0.0981	0.673	0.5717	0.19	0.5607	0.0153
PCHAS_030820	0.4157	0.1316	0.3355	0.1596	0.0963	-0.28	0.7936	0.2106	-0.139	0.0577	0.3922	0.3553
PCHAS_133320	-0.119	0.5018	0.2541	0.4293	0.1802	0.4427	0.3198	0.0773	0.2246	-1.057	-0.857	-0.391
PCHAS_062030	-0.68	-0.3	0.0403	0.0563	-0.018	0.0678	0.1109	0.3605	-0.04	0.1609	-0.037	-0.011
PCHAS_070950	0.7105	0.1253	0.2294	-0.111	-0.1	-0.246	-0.394	-0.002	-0.275	-0.315	-0.419	-0.542
PCHAS_145010	0.2293	0.4285	0.2793	0.0797	-0.12	-0.477	-0.142	0.189	-0.381	-0.241	-0.03	-0.402
PCHAS_050380	0.0892	-0.777	-0.78	-0.316	-0.141	-0.08	-0.317	-0.019	-0.016	0.6068	0.8268	0.3381
PCHAS_010740	-0.632	-0.126	0.4798	0.1925	0.0851	-0.137	0.2823	0.1806	-0.414	-0.419	-0.225	-0.338
PCHAS_072420	-1.089	-0.155	-0.464	-0.155	-0.249	0.0185	0.3752	0.8477	0.0905	0.4447	0.3158	0.403
PCHAS_071800	-0.192	-0.107	0.3012	0.2351	0.2706	-0.003	0.7072	0.5243	0.1155	-0.154	0.451	-0.168
PCHAS_070700	-0.904	-0.592	0.0805	-0.18	0.066	0.1126	0.6934	0.4395	0.1174	0.0404	0.5141	0.036
PCHAS_146380	-0.987	-0.375	0.1246	0.1422	0.1996	0.5749	0.962	0.248	0.1106	0.2227	0.1475	0.1238
PCHAS_113960	0.5282	0.2979	0.1492	0.0633	0.0003	-0.059	-0.596	-0.462	-0.293	-0.218	-0.436	-0.243
PCHAS_100760	0.3608	0.4877	-0.415	0.2743	-0.47	0.8817	1.1015	0.531	0.6804	0.7824	0.1753	0.2404
PCHAS_041780	0.018	-0.288	0.2246	-0.255	-0.103	-0.32	0.3697	0.2245	-0.219	-0.462	0.5375	-0.527
PCHAS_114200	-0.165	0.077	0.1186	-0.601	-0.246	-0.544	1.0279	0.3347	-0.402	0.0833	0.3098	0.4014
PCHAS_141530	-0.216	-0.005	-0.171	-0.31	-0.139	-0.235	-0.638	-0.252	-0.224	0.0647	0.4194	-0.006
PCHAS_132120	0.6838	-0.183	0.1613	0.1789	0.0738	-0.312	-0.247	-0.622	-0.286	-2.099	-1.146	-1.099
PCHAS_082460	0.7637	0.4201	0.2388	0.1545	0.0384	-0.341	-1.111	-0.451	-0.38	-0.71	-0.599	-0.671
PCHAS_101090	-0.301	-0.635	0.4964	0.2776	0.3263	-0.321	0.3531	-0.698	-0.275	-1.088	-0.486	-0.628
PCHAS_010480	-0.84	0.4568	0.8727	0.0393	0.2247	-0.472	-0.566	0.0893	-0.605	0.3612	-0.815	0.2457
PCHAS_080470	-0.449	-0.111	-0.089	0.2146	0.088	0.4637	-0.115	0.2252	0.4538	-0.033	-0.96	-0.223
PCHAS_120710	-0.921	-1.347	-1.136	-0.724	-0.185	0.2107	0.8347	0.9859	0.21	1.0413	0.8228	0.903
PCHAS_092290	0.1464	0.0091	0.0627	-0.084	0.0931	-0.053	0.8036	0.331	-3E-04	-0.29	0.2768	-0.39
PCHAS_135870	-0.387	-1.276	-1.419	-1.409	-0.298	0.0719	-0.234	0.2691	-0.066	1.7564	1.7018	1.1817
PCHAS_140120	0.0164	0.7093	0.9076	0.3154	-0.019	0.2214	-0.394	0.3981	0.1455	0.1547	0.7899	-0.45
PCHAS_136200	-0.084	-0.36	0.4865	0.3042	0.4512	-0.179	0.9815	0.1227	-0.047	-1.094	0.3362	-0.93
PCHAS_123490	0.2107	0.2171	0.0245	0.0214	-0.178	-0.076	-0.022	0.219	-0.095	-0.142	-0.424	-0.466
PCHAS_010760	-0.48	-0.719	-0.573	-0.282	-0.085	0.3626	-0.02	0.1306	0.2209	0.0879	0.449	-0.14
PCHAS_102400	-0.301	-0.093	-0.203	-0.103	-0.125	-0.149	0.0798	0.2985	-0.126	0.1207	0.3791	-0.053
PCHAS_146340	0.4044	-0.253	0.0697	0.0015	-0.194	-0.377	0.3615	-0.296	-0.179	-0.627	-0.127	-0.436
PCHAS_142240	-0.487	-0.762	-0.313	-1.861	-0.399	-0.107	-0.017	-0.053	-0.125	1.06	1.248	1.2376
PCHAS_101060	-0.425	-1.327	-0.017	-0.96	0.0879	-0.249	0.8244	0.7158	-0.401	-0.196	0.6307	-0.251

PCHAS_031360	-0.093	-0.476	-0.196	-0.484	-0.214	-0.243	-0.893	-0.322	-0.269	1.1295	3.0545	0.9182
PCHAS_110590	-0.017	0.6163	0.5783	0.5283	-0.03	-0.023	-0.449	-0.391	-0.186	-0.711	-0.96	-0.07
PCHAS_121230	-0.225	-0.428	-0.399	-0.665	-0.405	-0.264	-0.384	0.2424	-0.274	1.079	1.221	1.0815
PCHAS_051190	-0.032	-2.387	-2.383	-1.872	-0.734	0.2516	0.001	0.5479	0.0061	1.797	1.2729	1.7478
PCHAS_111190	-0.56	-0.278	-0.213	-0.34	-0.074	0.1461	0.6242	0.6977	0.1216	0.5015	0.3652	0.4585
PCHAS_111850	-0.021	0.3473	0.2705	0.3491	-0.009	0.3759	0.1647	0.1184	0.239	0.438	0.1027	0.3047
PCHAS_090720	-0.482	0.0383	-0.209	-0.242	-0.05	0.34	-0.204	0.0511	0.0267	0.2069	0.3663	0.368
PCHAS_080990	-0.039	-0.419	-0.5	-0.291	-0.126	0.6435	0.1691	0.6651	0.5158	1.8267	0.7529	1.4319
PCHAS_136900	0.7971	0.0759	-0.359	-0.38	-0.261	0.7162	-0.423	-0.615	0.2339	1.1448	1.7166	1.5882
PCHAS_146650	0.2005	0.0344	0.2993	0.5021	-0.051	-0.195	-0.59	-0.921	-0.167	-1.169	-0.726	-1.087
PCHAS_070600	-0.11	-0.058	-0.257	0.9689	0.1584	0.0512	0.2205	-0.079	-0.133	-1.001	-0.103	-0.898
PCHAS_121300	-0.713	0.1265	-0.036	0.6038	0.4488	0.1547	-0.099	-0.178	0.2096	-1.703	-1.384	-1.429
PCHAS_134160	0.7227	-0.165	0.2018	-0.515	-0.228	-0.218	-0.219	-0.175	-0.34	0.0222	0.3638	-0.195
PCHAS_062350	0.7895	0.0794	0.1114	0.2362	0.2034	-0.039	0.0865	0.3302	-0.02	-0.861	0.1814	-0.233
PCHAS_140920	0.0375	-0.44	-0.99	0.2549	-0.106	0.6642	0.075	0.9196	0.3713	1.1873	0.9622	1.086
PCHAS_140470	-0.375	-0.286	0.142	0.2382	0.1018	0.0817	0.8002	0.3495	0.0398	-0.364	-0.124	-0.435
PCHAS_051150	0.7	0.3732	0.7031	-0.074	0.1811	0.2575	-0.69	-0.545	0.0343	0.2234	0.4091	0.0886
PCHAS_121310	0.4874	-0.449	-0.302	-0.336	-0.171	0.1757	0.8502	-0.451	-0.14	1.5449	2.1862	1.0016
PCHAS_031780	0.4215	0.2928	-0.007	0.0961	-0.268	-0.573	0.3838	0.4902	-0.488	0.5549	0.9207	0.4231
PCHAS_031430	0.5639	-0.315	-0.073	-0.186	-0.16	-0.203	0.8838	0.7481	-0.063	0.2984	0.2646	0.0854
PCHAS_110930	-0.154	0.2107	0.5393	0.3125	0.2427	0.169	-0.092	0.1179	0.1826	-0.647	-0.051	-0.054
PCHAS_131050	-0.966	-0.575	-0.289	0.0561	0.0746	0.368	0.555	0.4512	0.3369	-0.113	-0.397	-0.162
PCHAS_060480	-0.093	-0.051	-0.215	0.4846	0.3638	0.4166	-0.028	0.4882	0.2976	-0.007	-0.644	0.0504
PCHAS_010620	0.209	0.2642	-0.123	0.3134	-0.263	-0.423	-1.298	-0.972	-0.442	-1.864	-1.941	-1.573
PCHAS_102730	-0.15	-0.457	-0.444	-0.68	-0.117	0.2064	0.1059	0.2374	0.2266	0.9759	1.3393	0.9687
PCHAS_145490	0.3869	0.0682	0.6603	0.1021	0.1299	-0.31	-0.022	-0.169	-0.463	-1.432	-0.363	-0.513
PCHAS_102010	-0.696	-1.115	-0.457	0.1333	-0.403	-0.269	0.3415	0.9677	-0.417	1.4007	1.0267	1.3075
PCHAS_124040	-0.539	-0.616	-0.271	0.102	0.1058	0.1757	-0.587	0.171	0.15	0.6519	-0.066	0.6295
PCHAS_112070	-0.027	0.4983	0.4925	0.3732	0.3415	0.0496	0.0791	-0.089	-0.108	-1.219	-0.601	-0.835
PCHAS_051870	-0.167	0.2576	0.4984	0.2538	0.2606	0.0676	0.7153	-0.183	0.0094	-1.214	-0.176	-0.526
PCHAS_060290	-0.305	-0.053	0.4525	0.3956	0.2186	0.0027	-0.026	-0.363	-0.15	-0.644	-0.306	-0.436
PCHAS_050220	0.3133	0.8204	0.6329	0.3994	0.0409	-0.096	-0.246	-0.418	-0.137	-1.282	-1.096	-0.708
PCHAS_082480	-0.694	0.5823	0.3675	-0.161	0.0775	-0.113	-0.035	0.2723	0.0319	0.0236	-0.179	0.057
PCHAS_130410	-0.376	0.0148	0.0036	-0.272	0.1039	-0.36	0.5142	0.5964	-0.253	-0.798	0.373	-0.638
PCHAS_072750	-0.796	-0.969	-0.648	-0.042	0.0999	0.1046	0.2679	0.6844	0.1756	0.7024	-0.581	0.3834
PCHAS_062040	0.0132	0.1901	0.2757	0.2017	0.0856	0.1713	0.4548	0.2105	0.1967	-0.522	0.0329	-0.563
PCHAS_081410	0.9727	0.6312	0.5388	0.3703	0.1382	-0.255	-0.255	-0.221	-0.394	-0.751	-0.426	-0.488
PCHAS_140930	0.7413	0.3876	0.2737	-0.009	0.0087	-0.179	0.0304	-0.119	-0.215	-0.078	-0.558	-0.193
PCHAS_100900	0.0436	0.5131	0.405	0.5032	0.045	0.3444	-0.94	-0.074	0.1616	-0.26	-0.39	-0.292
PCHAS_134570	0.676	-0.091	0.4798	-0.206	0.003	0.0847	0.4914	0.4171	0.1108	0.0579	0.9545	0.2694
PCHAS_073040	0.7231	0.3869	0.0049	-0.004	-0.313	-0.223	1.3781	0.4643	-0.229	0.0342	0.7862	0.125
PCHAS_120820	0.8226	-0.133	0.3176	0.0387	-0.148	-0.928	-0.136	-0.67	-0.512	-1.631	-0.825	-1.257
PCHAS_021040	0.0067	0.3573	-0.059	0.1556	0.0538	-0.043	-0.2	-0.293	-0.098	0.0082	0.1641	0.1426
PCHAS_101860	0.4571	0.0417	0.3624	0.3041	0.1829	0.0634	-0.081	0.2524	-0.334	-0.965	-2.531	-0.244
PCHAS_140970	0.6834	0.1316	-0.375	0.1561	-0.055	0.01	-0.257	-0.061	-0.053	-0.774	-0.947	-0.184
PCHAS_103100	0.4022	0.5247	0.8055	0.2787	0.0073	-0.043	-0.103	-0.428	-0.087	-1.143	-1.257	-0.882
PCHAS_062450	0.0022	0.2726	0.7023	-0.331	0.0926	-0.84	0.0508	-0.591	-0.624	-0.92	0.0088	-0.596
PCHAS_080580	-0.02	-0.163	0.9063	0.1645	0.2592	0.0574	0.7014	-0.304	0.0968	-1.21	-1.028	-0.769
PCHAS_114520	-0.079	-0.347	0.0106	-0.266	-0.01	0.0994	0.7435	0.5725	0.0813	0.2143	0.2775	-0.086
PCHAS_100460	0.5577	0.041	0.2185	0.0716	0.0557	-0.08	-0.271	-0.11	-0.164	-0.018	0.3425	-0.034

PCHAS_144540	-0.108	-0.166	0.2274	0.1771	0.2242	0.2981	-0.197	0.036	0.3417	-0.086	0.1495	0.2292
PCHAS_102020	0.1706	0.2109	0.255	0.1923	0.2018	0.3005	0.0837	-0.302	0.1042	0.0494	-0.02	0.1022
PCHAS_102150	0.5668	0.4018	0.164	0.4255	0.1312	-0.165	-0.307	-0.575	-0.233	-1.304	-0.944	-0.876
PCHAS_135700	-0.596	-0.736	-0.519	-1.17	-0.535	-0.26	0.2724	0.1412	-0.035	0.7477	0.9637	0.6224
PCHAS_131760	-0.168	0.3592	0.3707	0.0859	0.0707	-0.571	-0.01	0.02	-0.277	-0.509	-0.325	-0.591
PCHAS_120250	0.8835	-0.073	0.0158	0.0737	-0.042	0.1939	0.4632	-0.239	0.0371	1.3067	0.3694	1.1912
PCHAS_132440	1.3442	0.3986	0.8192	0.4594	0.1159	0.5213	1.2938	0.6588	0.6958	-0.248	-0.5	0.0461
PCHAS_141810	-0.085	-0.158	0.0424	0.2908	-0.142	-0.422	-0.31	0.1057	-0.318	-0.412	-0.243	-0.431
PCHAS_136930	0.275	-0.095	0.0375	0.7056	0.5264	0.1209	-0.845	-0.364	0.0287	-1.109	-1.334	-0.921
PCHAS_113640	0.6267	-0.139	-0.895	-0.022	-0.278	-0.333	0.3197	0.2415	0.2595	0.9732	0.17	0.7769
PCHAS_144030	0.4651	0.65	0.5287	0.5534	0.109	-0.164	-0.882	-0.553	-0.221	-0.369	-1.182	0.0264
PCHAS_031070	-0.439	0.3136	0.4226	0.4491	0.282	-0.127	0.5316	0.0233	-0.034	-0.759	-1.111	-0.482
PCHAS_040220	-0.493	-0.319	-0.068	-0.009	0.0693	0.1458	0.8351	0.576	0.1622	0.1532	0.392	-0.069
PCHAS_120970	0.3819	0.2411	0.22	0.1922	0.1252	-0.24	0.0736	-0.741	-0.322	-1.697	-0.775	-1.089
PCHAS_142380	-0.724	-0.266	-0.062	-1E-03	0.0766	0.2113	0.291	0.6138	0.2445	0.0476	0.3405	0.2555
PCHAS_040460	0.7855	0.5932	0.4125	0.314	0.0266	0.0881	-1.504	-0.672	-0.178	-0.162	-0.291	-0.221
PCHAS_102210	-0.244	0.5528	0.5694	0.5694	0.2741	0.128	0.0091	-0.039	0.2028	-0.704	-0.046	-0.367
PCHAS_141490	-0.108	0.0094	0.4205	-0.217	0.0248	-0.298	0.4285	-0.069	-0.212	-0.523	0.4291	-0.43
PCHAS_052000	-1.371	-0.769	-0.521	-0.528	-0.013	0.0104	0.7666	0.6788	0.0497	0.627	0.4781	0.1312
PCHAS_114010	0.2598	0.2047	0.4903	0.1731	0.0335	-0.225	0.1377	-0.155	-0.114	-0.796	-0.08	-0.508
PCHAS_092730	1.0181	0.5423	0.861	0.285	0.0267	-0.153	-0.507	-0.757	-0.401	-2.469	-1.369	-0.95
PCHAS_120760	-1.715	-1.626	-1.804	-0.952	-0.215	0.3966	1.1281	1.0082	0.46	0.6767	0.2359	0.3499
PCHAS_137010	-0.101	-0.228	0.2106	-0.13	-0.407	-0.33	-0.806	0.3732	-0.526	-0.436	-1.226	-0.908
PCHAS_030960	0.3974	-0.232	0.7252	0.2273	0.1635	-0.182	-0.369	-0.203	-0.498	-0.617	-0.198	-0.425
PCHAS_083170	-0.108	0.3958	0.289	0.1823	0.1453	0.1051	0.3796	-0.004	-6E-04	-0.329	-0.25	-0.341
PCHAS_083010	-0.868	-0.197	0.0477	0.1001	-0.117	-0.327	-0.377	-0.016	-0.213	-0.336	0.084	-0.559
PCHAS_031380	0.2414	-0.493	0.0248	-0.324	0.1782	0.2527	0.0813	-0.51	0.0354	0.2788	1.0726	0.2438
PCHAS_121220	0.961	0.4975	0.7225	0.2608	0.1963	-0.418	-0.481	-0.892	-0.452	-1.721	-0.749	-0.925
PCHAS_131850	0.2145	-0.381	0.2246	-0.469	-0.122	-0.208	-1.458	0.3094	-0.265	0.0572	0.4985	-0.289
PCHAS_091370	0.3628	0.0251	-0.126	-0.049	-0.094	-0.102	0.3512	-0.045	-0.105	1.7345	1.6045	1.015
PCHAS_132640	-0.427	0.0576	0.5734	0.392	-0.117	-0.313	0.2577	0.4496	-0.273	-0.87	0.4688	-0.255
PCHAS_070170	0.4412	0.8485	0.8855	0.7876	0.4386	-0.57	-0.98	-1.37	-0.543	-2.819	-2.689	-1.52
PCHAS_070330	0.1591	0.3664	0.0536	0.3571	-0.104	0.1769	0.2342	0.1227	0.0684	0.3697	2.556	0.4748
PCHAS_060150	2.5021	0.267	0.1833	0.648	-0.208	-0.212	-0.298	-0.908	0.0181	0.9678	1.1272	0.1764
PCHAS_131070	-0.405	-0.677	-0.33	0.319	0.1927	0.5889	0.7563	0.2709	0.6923	-0.076	-0.275	-0.044
PCHAS_124250	-0.255	-0.04	0.1147	-0.101	-0.048	-0.016	0.2182	-0.295	-0.056	0.2109	0.7984	0.4837
PCHAS_113720	-0.779	-0.606	-0.088	-0.551	0.0162	0.1623	0.8343	0.9176	0.2562	0.7152	0.796	0.2983
PCHAS_142630	0.3736	-0.227	-0.2	-0.389	-0.23	0.5592	-0.466	-0.282	0.4844	1.6034	1.7354	1.6061
PCHAS_030410	-0.143	-0.072	0.1206	0.3032	0.1544	0.2659	-0.289	0.1049	0.2366	-0.036	-0.551	-0.094
PCHAS_124080	-0.024	0.1239	0.3283	-0.307	0.1861	-0.458	-0.267	-0.321	-0.46	-0.116	0.2091	-0.179
PCHAS_142820	-0.048	-0.089	0.4816	0.3971	0.4629	0.3401	0.1494	0.6669	0.2627	0.3886	0.1772	0.4542
PCHAS_010570	0.5373	-0.033	0.572	-0.283	0.1696	-0.169	0.6972	0.0498	0.2519	0.0702	0.4407	-0.222
PCHAS_083660	-0.202	-0.388	-0.689	-0.926	-0.387	0.0474	-0.795	-0.056	-0.083	0.2166	0.8636	0.6087
PCHAS_080540	0.5654	0.2003	0.175	-0.202	-0.303	-0.367	-0.162	-0.03	-0.407	-0.255	0.5653	-0.202
PCHAS_061370	-0.116	0.3469	0.4938	0.3221	0.1339	-0.172	-0.103	-0.367	-0.075	-0.789	-0.655	-0.566
PCHAS_123570	0.9605	-0.044	-0.111	-0.046	0.0358	-0.049	0.5252	0.1196	-0.042	-0.553	-0.109	-0.466
PCHAS_143610	0.6675	0.4589	0.2069	0.3406	0.1694	0.003	-0.299	-0.829	-0.118	-1.233	-0.747	-0.821
PCHAS_134670	0.0225	-0.583	-0.461	0.281	-0.175	0.5418	-0.467	0.0967	0.6673	0.6006	0.9847	0.0178
PCHAS_103930	-0.767	-0.34	0.333	0.1744	0.0153	0.5606	0.2453	-0.021	0.3397	-0.429	-0.829	-0.254
PCHAS_103990	-0.395	0.3508	0.7591	0.0352	0.2566	-0.421	0.1019	-0.834	-0.453	-0.58	-2.418	-0.808

PCHAS_135990	-0.193	0.9764	1.0476	0.6834	-0.086	0.3509	-0.89	-0.371	-0.003	-0.881	-1.243	-0.715
PCHAS_010300	-0.434	-0.959	-0.378	-1.139	-0.112	-0.023	0.764	0.7932	-0.013	0.1018	0.4268	-0.199
PCHAS_140090	-0.638	-0.907	-0.615	0.0697	-0.09	0.5466	1.041	0.9761	0.5396	1.1816	1.4595	1.2307
PCHAS_020990	-0.263	0.5793	0.4404	0.7016	0.1643	1.0645	0.6707	0.7693	0.9987	0.1192	0.506	-0.207
PCHAS_103740	-1.186	-1.816	-1.561	-0.874	0.0155	0.4401	1.0474	1.2828	0.3292	0.7145	0.382	0.5125
PCHAS_070630	0.1318	-0.087	0.4578	-0.09	-0.032	-0.138	0.6623	0.235	-0.132	-0.198	0.3715	-0.181
PCHAS_102250	-0.048	0.2621	0.0928	0.2893	0.1259	-0.325	-0.498	-0.596	-0.449	-0.595	-1.277	-0.311
PCHAS_142370	0.0559	0.4121	-0.457	0.4776	-0.587	0.0507	0.5386	0.5317	0.282	-0.191	0.1137	0.1561
PCHAS_121170	0.401	0.5158	0.6876	0.4492	0.2331	0.4458	-0.713	-0.513	0.2563	-0.851	-1.089	-0.314
PCHAS_102880	0.7608	0.5379	0.3638	0.3254	0.0245	-0.154	-0.936	-0.329	-0.368	-0.379	-0.183	-0.254
PCHAS_072980	0.7806	0.5136	0.2078	0.1598	0.1933	-0.194	-0.027	-0.596	-0.171	-0.836	0.1519	-0.35
PCHAS_110330	0.0063	0.2661	0.1305	0.135	0.1549	-0.066	-0.173	-0.196	-0.053	-0.147	-0.578	-0.358
PCHAS_071910	-0.179	0.0353	0.1498	0.1164	0.1642	-0.32	0.3578	0.3324	-0.197	-0.427	-0.217	-0.633
PCHAS_130100	1.1486	0.0539	-0.028	-0.819	-0.504	-0.74	-1.015	-0.783	-0.849	0.7121	1.0206	0.5433
PCHAS_133070	0.2606	0.1373	-0.221	-0.77	-0.64	0.0523	-0.131	-0.239	-0.215	1.6263	2.5415	1.5344
PCHAS_122340	2.0853	0.6834	-1.156	0.4701	-0.207	1.9843	1.5493	1.9628	1.8703	0.7369	1.1388	1.4127
PCHAS_110090	0.4805	0.5577	0.3714	-0.402	-0.35	-0.488	-0.815	-0.725	-0.732	-0.383	0.1223	0.4418
PCHAS_103460	0.0921	0.5206	0.2676	0.4677	0.1053	-0.06	-0.788	-0.495	-0.084	-1.059	-1.286	-0.955
PCHAS_080890	0.4499	-0.495	-0.863	-0.499	-0.749	0.0887	0.1354	0.0493	-0.024	0.4457	2.5104	0.631
PCHAS_091160	-0.8	-0.217	-0.084	0.1581	0.1165	0.0799	0.5579	0.5701	0.1356	-0.318	0.2262	-0.594
PCHAS_090540	0.0972	0.2953	0.305	0.0183	-0.17	-0.044	-0.446	-0.434	-0.116	-0.979	-0.745	-0.805
PCHAS_091040	-0.266	0.3291	0.4045	0.266	0.0802	-0.156	-0.539	-0.645	-0.023	-0.782	-0.817	-0.714
PCHAS_123450	-1.48	-0.582	-0.438	0.028	0.2654	0.3231	0.6195	0.6654	0.4258	0.0013	-0.072	-0.205
PCHAS_122380	-0.475	-0.093	0.4878	0.4224	0.581	0.1608	0.0421	0.2782	-0.089	-0.422	0.2529	-0.378
PCHAS_144740	0.8725	-0.734	0.6012	0.0987	0.0756	-0.43	0.612	-0.64	-0.301	-1.499	-0.402	-1.039
PCHAS_146610	0.4064	0.2179	0.2571	-0.038	-0.45	-0.283	-0.427	-0.403	-0.26	-0.315	-0.422	-0.144
PCHAS_140820	0.5219	0.4389	0.3578	0.407	0.1642	-0.215	-0.67	-0.615	-0.543	-0.861	-1.228	-1.031
PCHAS_080460	-0.232	-0.641	-6E-04	-0.16	0.0351	-0.164	-0.204	-0.288	-0.844	-0.632	-0.664	-0.47
PCHAS_070230	-0.203	-0.628	-0.184	-0.49	-0.125	0.8436	0.0717	0.6033	0.5475	0.8738	0.3922	0.5355
PCHAS_070300	-0.414	0.029	0.093	0.1935	0.1022	0.2113	-0.056	0.2475	0.2345	0.4175	-0.153	0.3837
PCHAS_123900	0.3127	0.1304	-0.308	-0.084	-0.436	-0.374	-0.205	-0.742	-0.313	-0.015	0.1321	-0.418
PCHAS_135330	-0.577	-0.616	-0.323	-0.754	-0.116	0.3693	0.6202	0.6018	0.5128	0.7053	-0.403	0.584
PCHAS_031130	0.0608	0.2179	-0.224	-0.347	-0.243	-0.217	0.3995	-0.393	-0.24	-0.343	-0.168	-0.113
PCHAS_070260	-1.315	-0.975	-0.359	-0.241	0.1095	0.266	0.7167	0.6521	0.3309	0.3255	0.1505	0.1905
PCHAS_136560	0.0805	-0.256	0.3685	-0.276	0.0446	-0.285	0.1437	0.274	-0.279	0.0042	0.2465	0.147
PCHAS_093830	1.2212	0.6846	0.2426	-0.849	-0.915	-0.91	-0.965	-0.659	-0.949	0.182	1.3595	0.3722
PCHAS_136140	0.5402	-0.265	-0.112	-0.141	0.1013	0.4062	-0.391	0.0096	0.5383	1.0836	-0.229	0.8908
PCHAS_091260	-0.712	-0.082	0.2959	0.1737	0.2489	-0.135	1.1062	0.6101	0.0303	-0.205	0.1752	-0.28
PCHAS_011440	1.4185	1.2649	0.6079	-0.048	-0.241	0.1883	-0.46	0.006	-0.193	0.0513	3.2444	0.7085
PCHAS_114130	0.4893	0.2649	0.4346	0.0688	0.1533	-0.244	0.2828	-0.154	-0.2	-0.374	0.6691	0.0338
PCHAS_114120	-0.431	-0.113	0.2335	-0.483	-0.029	-0.267	0.5722	0.3934	-0.374	-0.878	-0.182	-0.059
PCHAS_092090	0.0168	0.0589	0.4638	0.2607	0.0056	0.1243	-0.723	-0.432	-0.03	-0.74	-0.269	-0.299
PCHAS_072860	0.1313	0.5424	0.6377	-0.002	0.0728	0.0175	-0.602	-0.516	-0.26	-0.641	-0.043	-0.633
PCHAS_041960	0.2424	0.5665	0.4575	0.3776	0.3536	0.5079	0.0164	0.3939	0.4568	-0.85	-1.069	-0.108
PCHAS_141840	-0.108	0.36	0.1699	0.018	-0.07	0.0645	0.8603	0.3202	-0.108	0.1684	0.4923	0.0274
PCHAS_124610	-0.102	0.0299	-0.428	0.0434	0.1899	0.1599	0.7761	0.4749	0.0529	0.0986	-0.476	0.2116
PCHAS_080190	0.5277	0.6277	0.4761	0.1345	0.0233	-0.253	-0.673	-0.365	-0.403	-0.831	-1.387	-0.538
PCHAS_020350	1.2557	0.3477	0.6894	-0.465	-0.381	-0.666	0.3495	0.428	-0.284	0.547	1.2031	-0.014
PCHAS_091750	-0.003	0.0459	0.3903	0.2114	0.255	0.2486	0.3765	0.1328	0.0768	-0.443	0.074	-0.284
PCHAS_020360	-0.159	0.2175	0.119	0.1252	-0.01	-0.026	-0.43	-0.342	-0.139	-0.529	-1.251	-0.434

PCHAS_132380	0.32	0.2745	-0.26	-0.17	-0.326	-0.273	-0.121	-0.298	-0.334	-0.128	0.1219	-0.216
PCHAS_010770	-1.288	-0.483	-0.317	-0.216	0.2549	0.1001	0.521	0.4748	0.237	-0.261	-0.283	-0.679
PCHAS_112720	0.3749	0.4534	0.6317	0.2568	0.0183	-0.462	-0.848	-1.049	-0.469	-1.26	-0.769	-1.143
PCHAS_082620	0.3587	-0.798	-1.173	-1.185	-0.32	0.8865	-0.426	-0.903	0.9309	1.3818	1.1043	1.3597
PCHAS_130370	-0.177	0.105	0.0888	0.373	0.1825	-0.214	-0.15	-0.002	-0.27	-0.445	-0.559	-0.089
PCHAS_090370	-0.651	0.4653	0.2942	0.8104	0.3421	1.1916	-0.379	-0.032	0.5156	-0.639	-0.862	-0.43
PCHAS_140770	0.4609	0.1969	0.2805	-0.025	-0.088	-0.954	0.1324	-1.053	-1.167	-0.939	-1.384	-1.047
PCHAS_041890	0.3297	0.6019	0.4986	0.7207	0.3204	-0.526	-1.306	-1.291	-0.707	-1.566	-1.545	-1.272
PCHAS_135260	-0.647	0.2851	-0.142	0.0093	-0.095	-0.503	-0.265	0.4406	-0.333	-0.026	0.4819	-0.517
PCHAS_100680	0.167	0.0383	-0.018	-0.05	-0.194	-0.061	0.1451	0.2006	0.0341	-0.305	-0.069	0.2317
PCHAS_060910	1.0067	0.0785	-0.085	-0.025	0.0637	-0.151	-0.38	-0.246	-0.435	-0.533	-0.035	-0.581
PCHAS_121460	3.6644	0.4272	0.9335	0.2428	0.1659	-0.566	-0.196	-0.314	-0.518	-1.069	-0.959	-0.467
PCHAS_136010	-0.44	-0.126	-0.054	0.4431	0.2858	0.2054	0.6137	0.0386	0.3065	-1.113	-0.397	-0.63
PCHAS_103880	-1.473	-0.916	-0.506	-0.347	0.0388	0.6495	0.4879	0.78	0.3168	0.6119	0.1911	0.5541
PCHAS_082830	0.7009	0.2901	0.2702	-0.001	0.136	-0.093	-0.185	-0.09	-0.143	-0.572	-0.162	-0.107
PCHAS_134650	0.3178	0.0179	-0.066	-0.405	-0.254	-0.304	0.418	0.3029	-0.426	0.348	0.2788	0.7318
PCHAS_134800	-0.072	-0.485	0.1165	-0.195	0.0923	0.1801	-0.09	-0.065	0.0644	0.8453	0.0725	0.6297
PCHAS_130360	0.5128	0.3963	0.7266	0.0356	-4E-04	0.0638	0.0795	-0.265	-0.161	-0.701	0.5044	-0.444
PCHAS_124300	1.0748	0.1012	0.5497	0.0946	-0.043	0.1492	0.511	-0.282	0.1917	-0.737	1.0518	-0.246
PCHAS_050640	0.632	0.4945	0.4986	0.0842	0.0654	0.141	-0.205	-0.042	-0.135	0.0214	1.229	0.1458
PCHAS_103490	0.2208	-0.187	0.2126	-0.213	0.1599	0.741	0.6218	0.5759	0.3035	0.7834	0.4975	0.5819
PCHAS_133160	-0.397	-0.136	0.7451	0.0525	0.3644	-0.216	0.5125	0.485	-0.119	-0.277	0.2376	-0.434
PCHAS_142000	0.2811	-0.248	0.3617	-0.076	0.1045	0.008	1.0127	0.3125	-0.013	-0.271	0.2473	-0.229
PCHAS_070060	0.3172	0.4419	0.4218	0.4886	0.1096	-0.112	-0.193	-0.327	-0.094	-0.386	-0.146	-0.919
PCHAS_121410	-0.331	0.3017	0.2633	-0.02	0.154	0.0006	0.2474	-0.06	0.2416	-0.531	0.06	-0.499
PCHAS_132590	-0.525	0.146	0.0452	-0.192	-0.131	-0.534	-0.455	-0.094	-0.286	-0.282	0.8828	-0.14
PCHAS_110720	-0.231	-0.014	0.7471	-0.448	0.3066	-0.452	0.3729	0.1799	-0.451	-0.12	0.8325	-0.353
PCHAS_040240	-0.546	-0.477	-0.373	0.1842	0.2145	-0.243	0.4309	-0.161	-0.107	-0.45	-0.812	-0.336
PCHAS_072670	0.1044	0.4325	0.3426	0.4153	0.2181	0.0121	-0.596	-0.276	-0.163	-0.728	-0.712	-0.355
PCHAS_136720	0.516	0.3276	0.1885	0.2157	0.1095	0.0819	-0.337	-0.24	0.0206	-1.009	0.3965	-0.492
PCHAS_122100	0.4084	0.1243	0.4458	-0.118	-0.142	0.5384	-0.057	-0.242	-0.048	0.0137	0.7982	0.1359
PCHAS_061280	-0.998	-0.683	-0.574	-0.569	0.1375	0.1095	0.8905	0.7272	0.3206	0.021	-0.113	-0.326
PCHAS_100290	0.4544	0.5073	0.1748	0.498	0.213	0.0193	-0.06	-0.729	-0.021	-1.57	-1.243	-1.142
PCHAS_072120	0.3869	0.2523	-0.042	-0.06	0.1104	0.4927	0.3592	0.024	0.4958	-0.733	-0.548	-0.369
PCHAS_081280	0.0009	0.4839	0.5892	0.5205	0.1634	-0.251	0.0445	-0.49	-0.212	-1.209	-1.237	-0.815
PCHAS_101180	-0.459	-0.129	0.3324	0.2257	0.3277	0.0842	-0.082	0.1851	0.0369	-0.018	-1.371	-0.217
PCHAS_060660	0.132	0.2054	-0.411	0.8029	-0.174	-0.164	-0.453	-0.775	-0.279	-1.35	-1.319	-0.568
PCHAS_102500	-0.092	-2.266	-0.785	-0.158	-0.06	0.0842	0.1688	-0.104	-0.123	0.3702	0.195	0.288
PCHAS_061940	0.6866	0.0995	0.5467	-0.515	-0.169	-0.35	0.5821	-0.013	-0.305	-0.604	0.6167	-0.596
PCHAS_112060	0.153	0.213	0.0951	0.1853	0.0928	-0.163	-0.803	-0.528	-0.323	-1.197	-0.698	-0.778
PCHAS_040630	0.5409	0.0848	0.5864	0.1611	0.3477	-0.225	0.1865	0.0054	-0.156	-0.483	0.0942	-0.487
PCHAS_143190	0.6433	0.3676	0.5534	0.1117	-0.084	-0.335	-0.103	-0.152	-0.309	-0.496	-0.613	-0.432
PCHAS_051860	-0.361	-1.356	-1.549	-1.468	-0.531	-0.024	0.5631	0.1519	-0.06	1.5202	1.2428	1.6366
PCHAS_020400	-0.729	0.3384	-0.394	0.7467	0.3265	-0.154	-0.239	-0.55	-0.056	-0.941	-1.453	-0.663
PCHAS_130460	-0.746	-0.507	-0.443	-0.057	0.0379	0.3481	0.6893	0.4131	0.3904	-0.324	-0.451	-0.653
PCHAS_092450	0.0506	0.2883	0.6566	0.2519	0.0595	-0.189	-0.259	0.009	-0.181	-0.454	0.4732	-0.106
PCHAS_101500	-0.088	0.0161	0.683	0.0975	0.0359	0.151	-0.332	-0.023	-0.096	-0.518	0.0419	0.1059
PCHAS_135520	0.2332	-0.065	0.527	0.2111	0.2594	-0.224	0.5054	-0.377	0.0105	-1.067	-0.571	-0.792
PCHAS_061650	0.2447	0.2384	0.331	0.246	-0.031	-0.007	-0.132	-0.354	-0.301	-0.791	-0.308	-0.455
PCHAS_131380	0.1154	-1.175	-0.437	-1.372	-0.098	0.0857	0.7447	0.403	-0.06	1.2958	1.1898	0.7695

PCHAS_083480	-0.576	-0.276	0.3736	0.0851	0.1972	0.0931	0.7752	0.5795	0.214	-0.499	0.1712	-0.482
PCHAS_146500	-0.167	0.1503	0.1672	0.2118	0.0773	0.0347	-0.464	-0.105	0.0501	-0.244	-1.057	-0.073
PCHAS_122800	-0.761	-0.146	-0.143	0.0093	0.0296	0.1192	0.0849	0.3897	0.1855	0.3805	0.2371	0.1834
PCHAS_145660	0.2789	0.316	0.2985	0.2348	-0.075	-0.223	-0.074	-0.385	-0.177	-0.801	-0.292	-0.55
PCHAS_140380	0.372	0.0903	0.1906	0.1286	0.1847	-0.42	-0.149	-0.419	-0.353	-1.059	-0.644	-0.832
PCHAS_091700	-0.436	-0.885	-0.557	-0.577	-0.393	-0.192	0.6706	-0.143	-0.045	1.9732	1.7662	1.505
PCHAS_103550	0.0626	-0.008	-0.026	-0.268	0.081	-0.153	0.2281	0.2511	-0.175	0.2086	0.4425	0.0364
PCHAS_021240	0.0888	0.1861	0.4057	0.0182	0.1861	-0.167	-0.047	0.1485	-0.227	-0.394	-0.831	-0.139
PCHAS_102160	-0.508	-1.445	-0.723	-1	-0.424	0.0714	0.2706	0.609	-0.067	1.8732	1.5532	1.3247
PCHAS_113030	0.4648	0.281	0.1387	-0.135	-0.194	-0.505	-0.292	-0.582	-0.203	0.0688	0.8937	0.0057
PCHAS_061480	-0.345	-0.08	0.3323	0.3302	0.1852	0.1323	-0.101	0.1648	0.1152	0.036	0.0564	-0.051
PCHAS_131410	0.0378	-0.001	0.1752	-0.133	0.0928	-0.159	0.1795	-0.016	-0.099	-0.516	-0.109	-0.658
PCHAS_040600	-0.263	0.5935	0.7029	0.2437	0.3797	-0.097	-0.31	0.0645	-0.175	-0.318	-0.01	-0.03
PCHAS_140540	-0.122	-1.257	-1.046	-0.668	-0.073	0.5123	0.3147	0.494	0.4578	1.047	0.1751	0.8714
PCHAS_144930	0.5189	-0.149	-0.234	-0.104	-0.149	-0.118	-0.016	0.3932	-0.164	0.4687	0.6889	0.706
PCHAS_091560	-0.019	-0.259	0.0779	0.0097	0.0459	0.0095	-0.106	-0.032	-0.158	-0.087	-0.45	-0.339
PCHAS_051530	0.4238	-0.483	-0.651	-0.772	-0.232	0.1148	-0.17	-0.553	0.1627	1.7421	1.9255	1.8585
PCHAS_111250	-0.402	0.4233	0.3213	0.4754	0.1575	0.2762	-0.301	0.1611	0.2866	0.1572	0.1887	0.0708
PCHAS_123260	0.4371	-0.814	0.4274	0.8296	-0.185	-0.414	1.5945	0.6924	-1.131	0.4833	0.5409	0.9317
PCHAS_051050	-0.456	0.1119	0.0053	0.2401	0.0803	0.5744	-0.328	-0.12	0.0443	-0.012	-0.402	0.0161
PCHAS_140720	-0.006	0.1567	0.1149	-0.025	0.0474	0.1507	0.2559	0.1425	-0.108	-0.222	0.1149	0.0154
PCHAS_111020	-0.526	-0.073	0.2223	-0.175	0.0748	-0.084	0.6116	0.3596	0.0049	-0.128	-0.013	-0.142
PCHAS_140690	1.1467	-0.317	0.3162	-0.11	-0.051	-0.109	0.3556	0.1468	0.1494	0.6188	1.5356	0.2329
PCHAS_092270	0.6876	-0.075	-0.3	-0.335	-0.202	0.1639	-0.378	-0.297	0.1375	1.0423	2.1145	1.0472
PCHAS_083360	-0.113	-1.362	-0.619	-0.401	-0.16	0.9001	-0.129	0.5997	0.5711	1.6258	1.7241	1.8925
PCHAS_011280	0.8463	0.1209	-0.466	-1.019	-0.362	0.142	-0.69	-0.922	0.0292	1.4877	1.3387	1.9565
PCHAS_141160	-0.152	0.0323	-0.289	0.0736	-0.062	-0.069	-0.152	0.1488	-0.127	-0.17	-0.402	0.0673
PCHAS_093590	0.7866	-1.322	-0.501	-0.637	-0.514	-0.14	-0.048	-0.69	-0.064	0.6202	2.1876	0.8291
PCHAS_143600	0.1987	-0.008	-0.14	-0.238	-0.011	-0.359	0.4226	0.2596	-0.205	-0.097	0.2477	-0.176
PCHAS_130870	0.2749	-0.747	-0.781	-1.604	-0.771	-0.435	-0.302	-0.441	-0.531	1.0945	1.6725	1.5832
PCHAS_114300	0.7601	0.3527	0.5948	-0.255	-0.215	-0.278	-0.46	-0.383	-0.343	-0.179	0.866	-0.097
PCHAS_020560	0.1439	0.342	0.4686	0.3562	0.006	0.2856	-0.057	0.1225	-0.095	-0.265	-0.106	-0.221
PCHAS_081340	0.1767	-0.472	-0.178	-0.465	-0.037	0.9232	0.2399	0.4629	0.604	0.9501	0.3282	0.6726
PCHAS_141550	-0.637	0.1445	0.9659	0.1474	0.067	-0.705	-0.722	-0.099	-0.655	-0.748	-0.361	-0.352
PCHAS_062310	-0.288	0.0759	0.4222	0.3375	0.2817	-0.034	-0.392	-0.548	-0.186	-1.257	-1.377	-1.217
PCHAS_092980	-0.314	-0.19	0.0514	0.0935	-0.014	0.2527	0.2136	0.0926	0.1802	0.095	-0.014	0.0537
PCHAS_140560	-0.731	-0.534	-0.166	-0.02	0.1348	-0.143	0.4261	0.2427	0.0194	-0.177	-0.41	-0.186
PCHAS_134000	0.9922	0.3198	0.2191	0.0122	-0.067	-0.139	0.1443	-0.296	-0.151	0.11	0.188	-0.095
PCHAS_135960	0.0613	0.0502	0.2421	-0.151	-0.234	-0.307	-0.033	-0.067	-0.179	-0.299	0.1134	-0.159
PCHAS_091180	-0.132	-0.121	-0.517	-0.483	-0.064	0.2688	-0.07	0.0573	0.1891	0.8439	0.6496	0.6405
PCHAS_141750	-0.691	-0.855	-0.838	-0.323	0.112	0.6501	-0.112	0.4135	0.7028	0.2795	-0.713	0.0898
PCHAS_101300	-1.093	-0.265	0.2002	0.0065	0.1017	0.1773	-0.118	0.0128	-0.167	-0.292	0.0225	-0.482
PCHAS_030620	-0.05	0.7391	0.8365	0.1495	0.2029	-0.133	-0.396	-0.165	-0.263	-0.772	-0.707	-0.315
PCHAS_111770	-0.625	-0.288	-0.473	-0.478	-0.132	-0.477	-0.407	0.056	-0.12	-0.061	0.2206	-0.084
PCHAS_111910	-0.67	-0.808	-1.473	-1.145	-0.658	-0.128	-0.814	-0.06	0.0848	1.05	2.1202	1.0426
PCHAS_021070	-0.242	-0.105	0.0698	0.2143	0.0154	0.9668	0.3649	0.119	0.5045	-0.456	-0.818	-0.252
PCHAS_146520	0.3305	0.071	0.1066	-0.198	0.0037	-0.403	0.3296	0.6024	-0.474	0.0604	1.1173	0.0126
PCHAS_121160	0.0304	0.6471	0.6588	0.2903	0.2813	-0.395	-0.658	-1.334	-0.339	-2.14	-0.376	-1.342
PCHAS_091100	-0.543	0.2347	0.2519	0.5594	0.271	-0.486	-0.093	-0.44	-0.102	-1.058	-0.962	-0.839
PCHAS_124190	-0.508	-0.225	-0.042	0.5136	0.3603	0.2609	-0.112	0.0742	0.2505	-0.568	-0.812	-0.363

PCHAS_136710	0.1913	-0.723	-0.495	-0.31	-0.306	-0.068	0.5297	0.3706	0.1221	1.9641	2.0192	1.4863
PCHAS_132070	0.6279	0.3612	0.0938	1.4821	-0.17	0.6861	0.8439	0.5227	0.7093	0.5983	0.8121	0.2705
PCHAS_100380	0.4926	-0.216	-0.305	-0.322	-0.219	-0.149	-0.366	-0.389	-0.121	1.3244	1.9114	1.1316
PCHAS_130520	-0.385	-0.747	-1.459	-0.085	-0.477	-0.258	-0.435	-0.157	-0.368	0.016	0.7932	0.2826
PCHAS_114020	0.0403	-0.438	0.3801	-0.041	0.008	-0.013	0.893	0.2141	-0.024	-0.287	0.091	-0.245
PCHAS_140290	0.2875	0.47	0.3821	0.3105	-0.011	-0.275	-0.477	-0.44	-0.204	-1.175	-1.599	-0.911
PCHAS_140910	-0.259	-0.549	-0.633	0.8708	-0.424	0.1912	1.0486	0.6945	0.4192	0.0241	0.7031	1.0595
PCHAS_091080	-0.643	-0.83	-0.798	-0.846	-0.422	-0.494	-0.015	-0.286	-0.268	0.8419	1.9192	0.7634
PCHAS_110580	0.1962	0.4944	0.6705	0.2311	0.1766	0.5988	-0.136	0.3394	0.2614	-0.214	-0.935	0.045
PCHAS_061340	-0.504	-1.479	-0.826	-1.365	-0.25	-0.208	0.252	1.0401	0.0465	2.0526	1.9919	1.6171
PCHAS_144230	-0.376	1.1865	0.7535	0.7502	-0.011	-0.022	-0.643	-0.453	0.001	-0.781	-0.274	-0.559
PCHAS_112710	-0.457	-0.404	-0.41	0.5793	0.5229	0.8726	0.4207	0.6336	1.0307	-0.293	-1.169	-0.236
PCHAS_061440	-0.258	-0.844	-1.33	-1.083	-0.535	-0.326	-0.765	0.1148	-0.229	1.9474	1.4579	1.0336
PCHAS_101820	-1.286	-1.062	-0.31	-0.779	-0.211	-0.002	0.2671	0.5456	-0.135	1.4646	1.2058	0.9255
PCHAS_121910	0.0214	-0.006	-0.303	-0.301	-0.167	-0.663	1.9906	0.257	-0.283	0.3762	0.9185	0.3017
PCHAS_123500	1.58	0.3857	-0.793	-1.154	-0.905	-0.654	-1.594	-0.696	-0.63	0.2861	1.8183	0.8895
PCHAS_051490	0.3162	0.0004	0.1315	-0.192	0.132	0.0386	0.4766	-0.302	-0.061	0.3091	0.7257	-0.065
PCHAS_113000	-1.319	-0.068	0.6381	-0.028	0.1632	0.2955	-1.018	0.4587	0.2141	-0.443	0.0741	-0.574
PCHAS_090210	-0.974	-0.122	-0.449	0.1325	-0.135	-0.011	0.0539	0.3147	0.0024	-0.488	-0.158	-0.68
PCHAS_101620	-0.082	-0.224	0.6314	-0.015	0.0847	0.1294	0.9935	0.3831	0.1493	0.1108	0.6797	-0.063
PCHAS_083400	-0.199	-0.836	0.5808	0.0479	0.1805	-0.377	0.9129	-0.231	-0.243	-0.869	-0.077	-0.314
PCHAS_030640	0.9509	0.1322	0.6287	-0.233	0.1217	-0.505	0.4987	-0.291	-0.392	-0.874	0.8885	-0.698
PCHAS_123350	-0.352	-0.58	0.0569	-0.34	0.0936	-0.428	0.0447	0.0574	-0.372	-0.077	-0.232	-0.569
PCHAS_132900	-0.476	-0.072	0.5632	0.2777	0.1123	0.7589	1.4953	-0.437	0.6957	-0.542	-0.405	-0.075
PCHAS_124450	0.1826	0.6834	1.1412	0.3474	0.2275	-0.378	-0.296	-0.364	-0.511	-1.196	-0.459	-0.404
PCHAS_145550	0.35	-0.029	0.2505	0.0644	0.2221	0.1796	0.1461	0.2307	0.2567	0.4306	1.6628	0.4704
PCHAS_132740	-0.149	0.1578	-0.173	0.4855	0.1374	-0.18	0.7045	0.3344	-0.107	0.0617	0.0607	-0.567
PCHAS_112170	-0.187	-0.707	-0.407	-0.402	-0.279	-0.072	0.9224	0.6576	-0.171	1.3252	1.1544	0.7701
PCHAS_092880	-0.085	-0.053	-0.069	-0.196	0.1064	0.0092	0.0616	-0.032	-0.408	-0.857	-0.109	-0.279
PCHAS_104140	-1.172	-2.042	-1.735	-1.769	-0.441	0.4695	0.6074	1.31	0.4768	1.3469	0.3083	1.1175
PCHAS_133200	0.0297	0.4433	0.2207	-0.146	0.6533	-0.136	-0.256	-0.385	-0.299	-0.98	-1.883	-1.402
PCHAS_060530	0.1016	0.3151	0.5001	0.2485	-0.01	0.0893	-0.267	-0.076	-0.166	-0.018	0.0638	-0.581
PCHAS_070500	0.8672	-0.723	-0.787	-0.85	-0.464	0.0931	-0.915	-0.584	-0.011	1.5459	1.054	1.538
PCHAS_052430	-0.125	0.5316	0.3785	0.4835	0.1001	0.707	-1.086	0.1015	0.3684	-0.057	0.1618	-0.173
PCHAS_103610	0.1213	0.1103	0.6837	0.0943	0.1752	-0.234	0.3516	-0.439	-0.238	-0.443	0.2686	-0.196
PCHAS_112130	0.0402	0.3796	0.3084	0.2408	0.0422	0.179	-0.264	-0.33	0.0787	-0.179	-0.586	-0.249
PCHAS_122880	-0.254	-0.462	-0.301	-0.199	0.0193	0.3623	0.0239	0.2316	0.1276	0.2687	0.2282	0.0641
PCHAS_101140	-0.201	0.1628	0.4597	0.3817	0.4952	0.2801	0.2406	-0.258	0.1923	-1.306	-1.001	-1.144
PCHAS_051710	-0.333	-0.59	-0.292	-1.43	-0.873	-0.256	-0.462	0.0433	-0.151	0.476	0.5113	0.4937
PCHAS_090390	-0.083	0.6757	0.6507	0.308	0.2818	-0.667	-0.623	-0.986	-0.406	-1.424	-1.43	-1.189
PCHAS_051380	-0.323	0.6404	0.3163	0.2005	0.07	-0.056	-0.71	-0.269	-0.074	-1.92	-1.776	-0.978
PCHAS_100660	0.0283	0.6967	0.5901	0.0031	0.0494	-0.347	-0.825	-0.806	-0.43	-0.343	-0.863	-0.303
PCHAS_072450	-1.069	-0.594	0.0903	-0.513	0.1402	0.1292	0.8013	0.4024	0.2406	0.4491	0.0292	0.3793
PCHAS_080490	0.9947	0.4061	0.3806	0.4568	0.1302	-0.295	-0.463	-0.952	-0.29	-1.588	-0.57	-1.056
PCHAS_142260	0.4082	0.138	-0.076	-0.28	-0.095	0.2868	-0.314	0.2993	0.1019	0.1165	-0.217	0.0425
PCHAS_091360	-0.174	0.3645	-0.013	0.0636	0.0662	-0.015	0.1949	-0.213	-0.428	-0.522	0.0346	-0.154
PCHAS_114160	0.448	0.46	0.331	0.4005	0.0397	0.0263	-0.417	-0.221	0.0834	-0.063	-0.51	0.0733
PCHAS_141590	1.0257	0.1729	0.3585	0.526	-0.301	0.4093	-0.168	0.8375	-0.084	-0.019	1.2382	1.1497
PCHAS_114050	0.3965	0.2706	0.8155	-0.29	0.2657	-0.65	-0.048	0.507	-0.5	0.6708	0.7309	1.1647
PCHAS_136400	0.2542	0.3539	0.0346	0.2808	-0.003	-0.211	-0.304	-0.211	-0.129	-1.315	-0.652	-0.283

PCHAS_113330	0.2006	0.4499	-1.086	0.7741	0.1364	-0.014	-0.128	-0.005	0.2985	0.15	1.5101	0.253
PCHAS_030830	-0.541	0.1996	0.0269	-0.118	0.0752	-0.106	-0.068	-0.012	-0.464	-0.219	-0.525	-0.189
PCHAS_110600	-0.086	-0.122	-0.291	0.2569	0.0938	0.9045	-0.171	0.0267	0.1536	0.5325	0.3955	0.5529
PCHAS_050250	0.5682	0.1436	0.6751	0.547	0.2815	-0.096	0.2435	-0.47	-0.124	-1.108	-0.901	-0.902
PCHAS_144800	-0.237	-0.184	0.1322	-0.305	0.0087	0.0929	0.2457	0.0269	0.0575	0.123	0.5644	0.2384
PCHAS_140060	0.5982	0.9393	0.9284	-1.015	-1.006	-1.076	-1.326	-1.507	-0.919	-1.032	0.1747	-0.287
PCHAS_140450	-0.836	-0.637	-0.588	-0.51	-0.024	0.5901	0.6459	0.552	0.4148	0.5685	-0.068	0.3313
PCHAS_040760	-0.193	-1.409	0.4763	-0.158	0.052	-0.425	-1.567	0.2376	-0.429	1.0235	0.3697	0.5175
PCHAS_130490	0.3336	-0.091	0.0228	0.4635	0.2421	-0.298	-0.553	-0.508	-0.467	-0.687	-0.592	-0.308
PCHAS_081160	-0.425	-0.273	-0.333	-0.011	0.095	0.0362	0.4032	0.1758	0.0485	-0.573	-0.508	-0.414
PCHAS_114430	-0.101	-0.006	-0.688	0.5419	0.2739	0.7571	-0.931	-0.554	0.6624	0.2587	-0.912	0.0189
PCHAS_120190	-0.334	-0.151	-0.14	0.2037	0.1892	0.5841	-0.115	0.7082	0.5542	0.1259	-0.922	-0.084
PCHAS_010940	-0.739	0.0454	-0.725	-1.548	-0.031	0.3083	0.9727	-0.057	0.5582	0.6319	0.3778	0.5133
PCHAS_133870	-0.7	-0.544	-0.085	-0.064	0.2943	0.5014	0.8016	0.6093	0.3501	-0.396	-0.123	-0.567
PCHAS_072630	-1.095	-0.762	-0.933	0.2742	-0.547	0.7498	0.848	1.0568	0.72	0.9575	0.7133	0.8057
PCHAS_041150	0.021	0.0915	0.4495	-0.387	-0.11	-0.182	0.0245	-0.078	-0.241	-0.347	-0.284	-0.593
PCHAS_141510	-0.477	0.1616	0.545	-0.529	-0.503	0.0474	0.8458	-0.436	0.0277	1.7661	-0.049	0.2239
PCHAS_141250	0.0296	-0.243	-0.482	0.1183	-0.324	0.2515	0.581	-0.132	0.0637	0.7714	-0.039	0.573
PCHAS_030630	0.8111	0.7877	0.669	0.1766	-0.131	-0.106	-0.171	-0.066	-0.032	-0.354	-0.142	0.0824
PCHAS_111580	-0.281	0.229	-0.154	0.2045	-0.043	0.1008	0.6297	0.6897	-0.131	0.6013	0.6529	0.454
PCHAS_133760	-0.289	-0.05	0.2744	-0.021	0.0627	-0.062	0.1881	0.2489	-0.048	-0.399	0.0032	-0.232
PCHAS_133890	-0.153	-0.229	0.2122	-0.671	-0.071	0.0415	0.3088	0.0744	0.0768	0.0255	0.5401	0.2739
PCHAS_101890	1.2474	0.2385	-0.237	-0.877	-0.721	-0.948	-0.649	-0.768	-0.917	-0.394	0.9197	0.0897
PCHAS_080820	0.3075	0.4548	0.1933	0.3411	-0.084	-0.158	-0.535	-0.721	-0.257	-0.285	-0.772	-0.228
PCHAS_134040	-0.663	-1.063	-1.717	0.4163	-0.45	0.9118	-0.235	0.2278	0.835	1.522	0.8395	0.7543
PCHAS_103210	0.5419	-0.113	-0.039	-0.428	-0.4	-0.605	0.2729	-0.04	-0.652	-0.09	0.4147	0.1246
PCHAS_103660	-1.039	-0.262	0.2082	0.0431	-0.047	0.3997	0.2671	0.2831	-0.33	-0.003	-0.172	0.0162
PCHAS_141760	-0.877	-0.079	0.0457	0.4183	0.2322	0.0729	0.6422	0.1728	0.0761	-0.591	-0.385	-0.603
PCHAS_131280	0.035	0.141	-0.054	-0.079	-0.147	-0.244	-0.253	0.1727	-0.177	-0.071	1.5263	0.2049
PCHAS_100530	-1.28	-0.376	-0.27	0.134	0.3833	0.467	1.2941	0.3508	0.5035	-0.173	0.1307	-0.483
PCHAS_092400	0.2962	0.0902	0.1644	-0.059	-0.059	0.0975	-0.808	-0.291	0.0794	0.4046	0.0557	0.4097
PCHAS_050600	0.4535	0.2268	0.2111	-0.108	-0.235	-0.312	-0.654	-0.459	-0.331	-0.057	0.1784	0.0254
PCHAS_082760	0.4292	0.0815	-0.241	0.2432	-0.289	0.3056	-0.257	-0.046	0.1973	0.1102	1.1353	0.65
PCHAS_145790	0.1937	-0.179	-0.229	-0.133	-0.123	-0.325	0.2161	0.1901	-0.251	-0.486	-0.161	-0.364
PCHAS_141930	-0.64	-0.09	0.2289	0.3629	0.0975	0.4688	0.6447	-0.009	0.2898	-0.663	-0.733	-0.508
PCHAS_102180	0.4217	0.5395	0.5942	0.3252	0.065	-0.087	-0.585	-0.435	-0.206	-0.428	-0.139	-0.278
PCHAS_114530	-0.167	-0.068	0.2469	0.003	0.2932	0.185	0.5208	0.5333	0.2036	-0.434	-1.99	-0.862
PCHAS_091130	0.3626	0.1988	0.1653	0.1343	0.0024	-0.206	-0.148	-0.277	-0.181	-0.521	-0.321	-0.283
PCHAS_131830	-0.702	-1.032	-0.846	-0.58	-0.272	0.5449	-0.096	0.876	-0.061	0.5769	1.6016	0.3292
PCHAS_050740	0.2968	0.3642	0.5515	0.1582	0.169	0.0764	0.0644	0.0456	0.1353	0.0814	0.4284	0.0921
PCHAS_030720	-0.884	-1.179	-1.211	-1.93	-0.237	0.4743	-0.38	-0.429	0.4892	0.8973	0.6001	0.3494
PCHAS_021290	-0.264	-1.119	-0.747	-1.587	-0.494	0.2461	-0.098	0.2817	-0.144	1.8057	1.6479	1.4466
PCHAS_110900	0.3344	-0.222	-0.151	0.07	-0.433	-0.111	0.0586	0.5841	-0.056	0.7211	-0.047	0.141
PCHAS_136330	0.4784	0.5588	0.8424	0.0755	0.1254	-0.066	0.8569	-0.366	-0.055	-1.097	-0.555	-0.354
PCHAS_030910	-0.532	-0.353	0.3003	-0.257	0.1252	0.0505	0.4143	0.6217	0.0091	0.3051	0.3808	-0.095
PCHAS_071780	0.5514	0.0006	-0.883	0.9406	-0.019	-0.245	1.4586	1.1027	-0.339	0.037	0.7809	0.9468
PCHAS_121370	-0.318	0.3545	-0.156	0.3764	0.1677	0.1181	-0.723	-0.263	0.0056	-0.041	-1.434	-0.185
PCHAS_072730	-0.249	-0.15	-0.051	-0.106	0.2336	0.1466	0.057	0.2372	0.097	0.5434	0.4294	0.6908
PCHAS_114500	0.352	0.2349	0.0347	0.3605	0.2535	-0.034	-0.345	-0.344	-0.171	-1.133	-0.78	-0.867
PCHAS_082190	0.3306	-0.267	-0.169	-0.808	-0.105	-0.531	-0.206	0.0017	-0.571	1.2836	1.6189	0.3042

PCHAS_123440	-1.383	-0.695	-0.268	0.0839	-0.03	0.5717	0.4954	0.8199	0.5532	-0.066	-0.075	-0.188
PCHAS_142890	0.2385	-0.491	0.0992	0.1551	0.0581	0.0588	0.4972	0.2025	0.0726	-0.174	0.0577	-0.206
PCHAS_102190	1.163	0.4284	0.2688	-0.117	-0.58	-0.359	0.9079	0.0161	-0.329	-0.534	0.1571	-0.344
PCHAS_112010	0.0226	0.1757	0.7564	0.3053	0.5329	-0.806	-0.933	-1.028	-0.574	-2.459	-1.402	-1.374
PCHAS_145450	0.8451	0.317	0.4472	-0.128	-0.513	-0.475	-0.321	-0.079	-0.426	-0.091	0.7378	0.0749
PCHAS_140510	-0.582	-0.007	-0.162	-0.058	0.038	-0.263	0.54	0.7226	-0.127	0.2999	0.431	0.0328
PCHAS_131400	0.3074	-0.266	-0.031	-0.155	-0.096	-0.386	0.3687	0.0947	-0.504	-0.437	0.9865	-0.683
PCHAS_136130	0.2225	0.019	-0.456	0.2912	-0.627	-0.251	-0.497	0.002	0.3938	0.2761	0.5504	0.1926
PCHAS_080380	-1.685	-1.476	-0.924	-0.36	0.2362	0.3667	1.0135	0.8352	0.3814	0.312	0.2355	0.1796
PCHAS_121780	-0.398	-1.043	-1.648	-1.23	-0.552	-0.254	0.4211	-0.347	-0.287	1.7643	1.6756	0.9625
PCHAS_062220	0.4053	0.3501	0.6733	0.1979	0.2434	0.0516	0.3684	-0.148	-0.077	-1.025	-0.124	-0.675
PCHAS_102610	-0.282	0.1744	0.1719	-0.129	-0.249	-0.172	-0.453	-0.61	-0.085	0.2508	0.8243	0.1249
PCHAS_133850	0.3605	0.3339	0.3348	0.2876	-0.025	-0.229	0.0915	-0.483	-0.362	-0.666	-0.444	-0.348
PCHAS_090440	-0.126	0.0192	-0.322	-0.433	-0.1	0.1168	0.3305	0.2911	-0.043	0.4143	0.2723	0.3768
PCHAS_145600	-1.446	-1.574	-1.908	-1.211	-0.38	0.0353	0.1392	1.1562	0.7259	0.6879	-0.436	0.3938
PCHAS_113670	0.3036	0.2446	0.0155	-0.007	-0.117	-0.102	-0.72	-0.729	-0.208	-1.065	-0.404	-0.38
PCHAS_146690	-1.05	0.0797	0.0204	0.7407	0.4736	1.3174	0.1832	-0.003	0.5091	-0.523	-0.978	-0.929
PCHAS_103560	-0.719	-0.807	-0.463	-0.56	-0.166	0.1902	0.2895	0.4199	0.1306	0.5346	0.2844	0.4458
PCHAS_020920	-0.338	-0.106	0.0536	-0.034	-0.01	0.0233	-0.07	0.1379	-0.05	1.0485	1.138	0.2954
PCHAS_061660	0.2204	-0.706	-0.093	-0.772	-0.329	0.3557	0.3609	0.6545	0.2107	0.9791	1.2171	1.2536
PCHAS_072880	-0.022	0.4733	0.3306	0.2817	0.0559	0.8091	0.2553	0.0585	0.2675	-0.307	0.2918	0.2156
PCHAS_070800	0.1771	0.3746	0.4481	-0.492	-0.211	-0.528	-0.101	-0.54	-0.28	-0.394	0.7171	-0.584
PCHAS_103280	0.1491	-0.047	-0.022	0.4487	0.4084	0.1292	0.4952	0.4095	0.0387	-0.369	-0.172	-0.739
PCHAS_132600	0.7628	0.5562	0.7717	0.1495	0.0566	-0.11	-0.646	-1.377	-0.3	-2.175	-1.161	-1.443
PCHAS_010280	0.5723	0.5534	0.1186	-0.091	-0.021	-0.599	0.1443	-0.44	-0.646	-0.461	-0.152	-0.074
PCHAS_020120	0.4194	0.466	0.4462	0.3465	0.0394	0.4348	-6E-04	0.0721	-0.191	-0.229	0.7462	-0.114
PCHAS_130650	-1.271	-0.97	-0.876	-0.51	0.0159	0.2464	0.8791	0.6596	0.3212	0.3602	0.335	0.1487
PCHAS_051770	-0.455	-0.344	0.2828	-0.015	-0.082	-0.161	0.3115	0.2219	-0.15	0.4001	0.6466	0.0618
PCHAS_144240	1.1079	0.6471	0.4431	0.5593	0.1963	-0.205	-0.567	-0.419	-0.248	-1.031	0.2259	-0.368
PCHAS_052270	-0.195	-0.225	-0.099	-0.16	-0.236	-0.067	0.3402	0.2632	-0.047	0.1899	0.1417	-0.27
PCHAS_100300	0.1872	-0.592	-0.017	-1.157	-0.052	0.1501	0.1394	0.1723	0.1648	0.9629	1.6613	0.8759
PCHAS_136810	0.4695	0.1854	0.429	0.3804	0.2789	-0.068	0.2115	-0.137	-0.141	-1.24	-1.419	-0.694
PCHAS_000630	-0.069	-0.907	-1.075	0.2914	0.4603	0.4421	-0.44	0.3571	0.6388	-0.322	-0.689	0.1996
PCHAS_093130	0.1579	0.3972	0.2068	0.4138	-0.083	-0.03	-0.595	-0.512	-0.107	-0.934	-1.071	-0.966
PCHAS_132080	0.0169	-0.044	0.2818	0.0192	0.1637	0.1421	0.7225	0.2096	0.121	-0.517	0.0014	-0.687
PCHAS_145570	-0.021	-0.468	-0.974	-1.097	-0.507	-0.256	-0.384	-0.432	-0.47	1.1835	1.2425	1.5968
PCHAS_143930	-1.856	-0.852	-0.464	0.653	0.3685	0.5056	0.0149	0.2493	0.5769	-0.535	-1.077	-0.366
PCHAS_041300	0.7497	0.4721	0.0626	-0.063	-0.246	-0.274	0.0283	-0.082	-0.296	-0.312	0.4818	-0.214
PCHAS_010730	-0.123	0.0642	0.1693	0.2938	0.3842	0.4554	-0.37	-0.304	0.0377	-0.179	0.0784	0.0416
PCHAS_060960	0.2623	-0.365	-0.33	-0.501	-0.163	0.0836	0.3595	0.419	0.1089	0.4649	1.2803	0.6381
PCHAS_051840	0.0868	0.2063	0.5115	0.4825	0.2123	0.074	0.5684	0.2881	-0.018	-0.39	-1.706	-0.056
PCHAS_060330	0.5531	0.3765	0.3188	0.3379	0.1224	-0.082	0.1202	0.1189	0.0091	0.5113	-0.605	0.5998

P. yoelii (17xNL)

geneid	TP01	TP02	TP03	TP04	TP05	TP06	TP07	TP08	TP09	TP10	TP11	TP12
PY03949	0.1286	0.0953	0.2081	0.025	-0.3749	-0.2519	-0.0112	-0.0221	0.2162	-0.2653	-0.3842	0.0526
PY04568	-0.6017	-0.139	-0.2661	-0.0757	-0.0927	0.2179	0.1401	0.195	0.1334	0.0666	0.5429	-0.1114
PY01526	-0.331	-0.0004	-0.0534	0.024	-0.1722	-0.1234	0.3786	-0.0094	-0.0559	0.0549	0.0789	-0.039
PY06497	0.1619	0.1002	-0.073	-0.5293	0.1485	0.0736	0.0447	-0.2953	0.1309	-0.6323	-0.2476	0.038
PY07477	0.1906	-0.0545	0.1481	-0.1059	0.3381	0.411	0.0689	-0.1289	-0.0786	-0.452	0.3426	0.026
PY00391	0.0711	0.2302	0.0089	-0.1062	0.2587	-0.0753	-0.2131	0.1189	0.0349	0.1119	0.4304	0.1381
PY02837	0.2232	-0.2032	0.0147	0.1642	-0.1125	-0.285	0.022	0.4437	0.1074	0.1212	-0.1707	-0.2714
PY03898	-0.2734	-0.2771	-0.5794	0.0095	-0.4462	-0.239	-0.0765	0.1753	0.1356	0.3237	0.4451	-0.4841
PY03888	0.122	-0.1318	-0.2029	-0.0031	0.1901	0.1202	0.0101	0.0305	-0.1328	-0.039	0.0057	-0.0152
PY07486	-0.0485	0.0772	-0.0582	0.4549	-0.2381	-0.3143	-0.0666	0.2467	0.2821	0.012	0.0157	0.0553
PY02842	0.0555	-0.1783	-0.4358	0.5102	-0.0659	0.3942	-0.094	0.3185	0.0019	-0.0522	0.4029	0.0079
PY05969	0.077	0.0334	-0.5586	0.2451	0.0604	0.0355	-0.2893	-0.0226	-0.0019	0.1881	-0.1336	-0.2355
PY07128	0.0922	0.2884	0.3133	-1.3049	-1.3113	-0.0422	0.136	-1.19	0.1854	-1.22	-0.9171	0.2856
PY06910	0.0936	0.321	0.0018	-1.7834	-0.0164	-0.0545	-0.0097	-1.1935	0.0644	-1.6821	-1.1106	0.1298
PY05923	0.2231	-0.0327	0.0994	-0.2208	0.2929	-0.0174	-0.06	-0.1986	-0.2818	-0.7877	-0.0688	-0.8537
PY01262	0.037	-0.1763	-0.0635	-0.2938	0.071	-0.2852	0.1318	-0.1428	0.025	-0.1169	0.0764	-0.0291
PY00802	-0.4506	-0.0577	0.316	0.146	0.3933	-0.3617	-0.1011	0.0312	-0.3528	-0.0165	0.4248	-0.3729
PY02204	-0.2493	-0.5456	-0.3456	0.9225	0.0687	-0.1239	-0.3742	0.1504	-1.1687	0.5483	0.5756	-0.3448
PY04271	-0.2332	-0.0594	0.0841	0.3324	-0.2244	-0.1478	0.2096	0.452	0.4311	0.011	-0.1567	-0.4424
PY07378	0.0216	0.1095	0.0894	0.5096	0.0156	0.0992	0.3375	0.5009	0.1232	0.1271	-0.2088	0
PY01338	-0.102	-0.3238	0.0676	-0.5452	-0.106	-0.1392	-0.2882	-0.251	-0.084	-0.1182	-0.2181	-0.2931
PY03341	0.8154	0.3119	0.1405	0.0777	-0.1538	-0.1215	0.0129	-0.0419	0.1145	0.0935	-0.0891	0.1456
PY06062	0.3138	0.3418	0.1334	0.0369	0.2566	0.0649	-0.5284	0.0405	0.015	0.0295	0.3445	0.0006
PY05102	0.6794	0.4279	-0.0585	0.4533	0.1783	-0.1368	0.0435	-0.0828	-0.3138	-0.0764	-0.1452	-0.0543
PY03948	-0.2231	0.0979	0.0932	-0.3224	-0.2181	-0.147	0.073	-0.2363	0.159	-0.7447	-0.0253	0.2311
PY01128	0.1216	0.2297	0.3669	-1.7129	-1.0164	0.0077	0.1308	-1.1858	0.4615	-1.1933	-1.2645	0.0563
PY04529	0.6164	-0.0451	-0.2204	0.2329	-1.2192	-0.2573	0.0111	0.0551	0.3326	-0.2064	-0.3551	0.0414
PY01998	-0.0849	-0.1332	0.1233	0.3886	0.1885	0.1279	0.2327	0.1262	-0.0199	0.2054	-0.2688	-0.2315
PY02092	0.0365	-0.3526	-0.5171	1.1647	0.2204	0.1169	0.0689	-0.3573	-0.1652	-0.2262	-0.0407	-0.3954
PY00668	-0.1357	0.0864	-0.1817	-0.0185	-1.0484	-0.4316	-0.0085	-0.1109	0.0506	-0.5075	-0.8142	0.1139
PY03072	-0.1724	-0.0538	0.0069	-0.0819	1.0652	-0.0406	-0.0123	0.0392	0.0487	-0.298	0.7101	-0.0265
PY03105	0.0971	0.2649	0.3393	-0.7119	-1.0564	-0.2911	-0.0852	-0.3843	0.1363	-0.6886	-0.9744	-0.8996
PY05758	0.2915	0.0136	-0.0456	-0.0151	0.6695	0.3948	0.0315	-0.0824	0.0801	-0.133	0.4438	-0.0838
PY05912	0.251	0.0151	0.0267	0.0533	0.699	0.067	-0.1151	0.1338	0.1057	0.1687	0.4522	-0.0375
PY00271	-0.2773	0.154	-0.1342	0.6297	-0.1928	0.0925	0.2636	0.1062	-0.1809	0.1396	-0.2782	-0.0075
PY02163	0.2878	0.0427	0.2721	-0.0686	0.4619	0.0099	0.1649	-0.0626	0.0914	-0.3368	0.2841	0.1764
PY02203	-0.0918	0.1185	0.0837	0.3767	0.0962	0.109	0.0746	-0.0089	-0.179	-0.0146	-0.0918	-0.6134
PY07263	0.3593	0.2159	0.1768	0.6402	-0.0578	0.0284	-0.2938	0.5585	0.2146	0.2274	-0.0141	0.0595
PY01085	-1.1254	-0.4419	-0.2089	0.0746	-0.3674	-0.1943	0.0459	0.2177	0.3936	0.2881	0.6735	-0.0281
PY00204	0.2324	-0.2093	0.093	-0.4093	-0.9395	-0.7241	0.057	0.037	0.2771	-0.4368	-0.7244	0.388
PY06491	-0.0123	0.0819	-0.0894	0.2504	0.5203	-0.0319	0.1619	0.2276	0.1446	0.5328	0.8474	0.2692
PY01312	-0.0786	-0.1543	-0.4041	-0.0714	-0.2848	-0.1848	-0.0306	0.3737	0.3125	-0.1328	-0.1652	0.0988
PY02548	-0.3568	-0.0296	0.1758	0.1236	0.0007	-0.2455	-0.4465	-0.0661	-0.0519	0.1065	0.3551	-0.0602
PY04297	0.0786	0.241	0.1549	-0.2604	-0.6839	0.0284	-0.0912	0.1281	0.1951	-0.6633	-0.6053	0.3919
PY03691	-0.4779	0.0611	-0.1435	-0.3938	-0.9064	0.0408	-0.3551	0.0507	0.4926	-0.2851	0.0564	-0.0507
PY04384	-0.2824	-0.0545	-0.6465	-0.2631	-0.1966	-0.2657	-0.148	0.0116	0.1469	0.5157	-0.4531	-0.0035
PY06847	-0.1633	-0.6406	-0.093	-0.1689	-0.0229	-0.0138	0.3212	-0.7521	-0.2763	0.507	-0.0309	0.3854
PY03858	0.3188	0.2507	0.0484	0.5374	-0.5298	-0.3035	-0.2216	0.1786	0.4085	-0.6471	-0.3046	0.0167
PY04773	0.1148	0.1577	-0.0429	0.0854	0.4799	0.1328	-0.0776	0.1603	-0.0207	0.0987	0.6384	-0.8447
PY00761	-0.5712	-1.1048	-0.7724	-0.0042	-0.0558	-0.1796	-1.0792	-0.1332	0.0385	-0.1367	0.0257	-1.0048
PY00477	-0.3688	-0.0561	-0.0133	-0.4296	0.3828	0.2836	0.0223	0.0182	-0.206	-0.141	0.1484	-0.6469
PY04736	0.2259	0.1752	0.0776	-0.1496	-0.6308	-0.3088	-0.1013	0.0004	0.0426	-0.4566	-0.6488	-0.0733
PY02295	-0.0926	0.0514	0.0336	0.3677	0.0509	-0.0054	-0.2954	0.4165	0.0862	0.3737	0.2709	0.4351
PY02206	0.1454	0.2857	0.1418	-1.2761	-0.6121	-0.0159	-0.0017	-0.5148	0.3171	-0.6701	-0.7006	-0.2392
PY04307	-0.1461	0.2005	0.1633	-2.1836	-1.2296	-0.1195	0.1184	-1.2301	-0.4292	-1.123	-1.1046	-0.0184
PY04097	-0.2665	-0.1679	0.2258	-1.2014	-0.6143	-0.0577	-0.0666	-0.8711	0.0171	-0.1444	-0.4008	0.3292
PY00126	-0.1116	-0.8758	-0.4296	1.3465	0.5802	0.1185	-0.2317	0.5269	-0.6567	0.2434	-0.0634	-0.7466
PY01695	-0.356	-0.3229	-0.2212	-0.1839	0.3551	-0.0295	-0.4063	0.2281	-0.5616	0.3475	0.1543	-0.333
PY06810	-0.048	0.1668	0.1245	0.3469	0.2802	-0.0098	-0.0553	0.1742	-0.2363	-0.2679	-0.8913	-0.3579
PY00887	-1.2021	-0.5154	-0.8369	-0.4047	-0.5144	-0.6602	-0.2726	-0.0075	0.0438	0.2175	0.3566	0.1627
PY07204	0.237	-0.0219	-0.124	1.0757	0.2665	-0.3046	-0.0352	0.386	0.0251	1.3642	0.512	0.0156

PY04996	0.1748	-0.0257	0.0305	0.1104	0.5054	0.1463	0.1548	0.0467	0.2202	0.0645	0.5475	0.3231
PY05526	-0.9351	-0.4185	-0.2526	0.1162	-0.0448	0.068	-0.0569	0.0703	0.1107	0.3139	0.4085	-0.1517
PY04858	1.0597	0.1344	-0.0782	1.7439	0.4185	0.178	0.0341	0.7001	-0.1228	0.9402	0.1612	-0.007
PY01464	-0.1085	0.091	-0.114	0.7667	0.6003	0.3348	0.1447	0.307	0.2113	0.2906	0.851	0.0963
PY01818	-0.2941	-0.3141	-0.3917	0.0264	1.4639	-0.2132	-0.1359	0.2694	-0.4045	-0.6337	0.4185	-0.8742
PY00977	-0.2153	-0.1265	-0.1754	0.6881	-0.423	-0.5201	-0.2441	0.2149	0.135	0.1231	-0.1852	0.0352
PY00988	0.2127	0.1995	-0.0141	-0.9338	0.2042	0.0591	-0.0829	-0.328	-0.3405	-0.8081	-0.7145	-0.848
PY03330	0.269	-0.0094	-0.0675	0.0708	-0.0483	0.0425	-0.0653	-0.1192	-0.1986	-0.6429	-0.0963	-0.4766
PY00455	-0.0574	-0.0048	0.1768	0.2365	-0.3361	0.0252	-0.0819	-0.0336	0.2318	-0.2019	-0.1719	0.3096
PY00993	-0.5036	-0.4767	-0.3745	1.4624	0.6492	0.036	-0.1062	0.5721	-0.141	1.053	0.273	0.4069
PY00556	-0.2797	-0.3765	0.1412	1.24	0.2951	0.2182	-0.3603	-0.0442	-0.2198	0.3857	0.0011	-0.3128
PY05859	-0.2647	-0.1842	0.0697	0.062	-0.2109	0.1505	0.2378	0.4028	0.3422	-0.3153	-0.1925	0.0118
PY06083	0.1644	0.0224	0.1172	0.1181	0.3238	0.5308	0.0053	-0.045	0.0242	-0.3549	0.495	-0.899
PY00913	-0.1452	-0.227	-0.1916	0.5374	0.4508	-0.0259	0.022	0.0951	0.0539	0.5072	0.4624	0.0955
PY00690	-0.7642	-0.5961	-0.039	-0.3478	-0.7327	-0.5976	0.0581	0.6643	0.4936	0.8818	1.5686	0.6217
PY04452	0.0241	0.0352	-0.3541	0.1968	-0.5699	0.0817	-0.2201	0.4819	0.1826	0.104	0.1916	0.0861
PY00992	-0.0586	-0.3282	0.133	0.9268	0.1223	-0.3314	0.0307	0.8294	0.1293	0.5515	0.1486	0.6375
PY03742	0.0856	-0.0377	0.2679	-0.0862	0.0971	-0.0563	0.0693	-0.0127	-0.0341	-0.8418	-0.0312	-0.2866
PY00493	0.3632	0.269	0.0012	0.2264	-0.141	-0.0435	0.3807	-0.1936	-0.1277	-0.6802	-0.4725	0.0764
PY06895	0.2839	-0.0657	0.08	0.3853	0.2841	-0.0051	-0.5831	-0.0296	0.0735	0.5069	0.3949	0.4801
PY00098	-0.5923	-0.6002	-0.5403	1.2278	-0.5953	-0.1373	-0.6195	0.3921	-0.5958	-0.1349	0.1169	-0.7031
PY05498	0.4012	0.2086	0.1127	0.1425	-0.2044	0.0537	0.0301	-0.2132	0.0375	-0.1331	-0.2804	0.1159
PY06070	0.2194	-0.0171	0.1579	-0.2973	0.3265	0.3291	0.1525	-0.1951	-0.293	0.1773	0.2635	-0.0372
PY00641	0.2231	-0.0128	-0.119	0.1664	0.4967	0.0039	0.1606	-0.0385	0.0024	-0.0202	0.0399	0.1171
PY04113	-0.1213	0.0942	0.0274	0.3857	0.0486	-0.2004	-0.0511	0.3086	0.2387	0.6565	0.746	0.0477
PY00341	-0.2288	-0.0961	-0.5314	0.6367	0.2971	-0.3037	0.0419	0.3231	0.5953	0.258	0.4129	0.2498
PY04288	0.0981	-0.0314	0.3799	-0.6685	-0.0251	-0.0908	0.1626	-0.4208	0.2911	-0.0746	-0.0953	0.3134
PY02344	0.1974	-0.1432	-0.1043	1.014	-0.0544	0.2388	-0.0892	0.3081	-0.083	0.4035	-0.2893	-0.495
PY07422	0.1978	0.1448	0.0357	-0.4078	2.3588	-0.1465	0.1736	-0.1209	-0.323	-0.6051	-0.5651	-1.0842
PY07666	0.1832	0.0087	0.078	0.0419	0.1625	-0.049	0.137	-0.3058	-1.1674	-0.3175	0.2201	-0.5889
PY06437	-0.2647	-0.535	-0.2534	0.5478	-1.0114	-0.2267	-0.5243	0.5819	-0.4966	0.6336	-0.1078	-0.4302
PY07163	0.0712	0.0214	0.2351	0.4773	0.7764	0.3656	0.1482	0.2319	0.2891	0.3441	0.7819	0.2119
PY00276	-0.6018	-0.3687	-0.3453	0.8245	0.0338	-0.1364	-0.5827	0.3226	-0.0686	0.4541	0.7513	-0.5352
PY01570	-0.298	-0.1154	-0.1759	0.6764	0.2381	-0.0351	-0.1078	0.2448	-0.0239	1.437	0.4578	-0.293
PY04791	-0.1494	-0.1923	-0.1968	-0.4828	-0.4327	-0.0573	0.0083	-0.0399	0.5102	-1.0312	0.2859	0.5472
PY03331	0.1295	0.1076	0.0391	-0.9011	-0.1809	-0.1607	0.0484	-0.1483	0.031	-0.624	-0.2057	-0.2243
PY00989	0.1684	0.0233	0.0634	-0.4517	-0.7147	-0.1872	0.1953	-0.1999	0.1458	-0.3916	0.0654	0.3495
PY03971	-1.0591	-0.3564	-0.3661	-0.4503	-0.2255	-0.3872	-0.2936	0.4815	0.0096	-0.0039	0.4577	-0.5007
PY05318	-0.444	0.314	0.2779	0.5167	0.1383	0.1012	0.0984	0.5049	0.2853	0.7455	0.0757	0.0583
PY06514	-0.2491	-0.5474	-0.3435	0.6057	-0.7133	-0.0749	-0.6889	0.4215	-0.276	0.6943	-0.6348	-0.5724
PY04057	-0.1159	-0.7096	-0.2849	0.4274	-0.0532	-0.057	0.1002	0.9644	-0.0298	0.1835	0.2502	0.0121
PY01466	0.3106	0.1486	-0.1963	0.5161	0.4357	0.0013	-0.1515	0.1371	-0.1377	0.5904	0.4141	0.0919
PY06335	0.2131	-0.4299	0.1149	-0.4437	0.2204	0.3274	-0.1341	0.2643	0.1908	-0.7943	0.3316	0.0095
PY06139	-0.6849	0.043	0.1287	-0.384	-0.0916	0.1071	-0.0804	0.1548	-0.0658	-0.6642	0.2006	-0.3677
PY03625	0.2504	0.3744	0.3754	0.3753	-0.1073	0.1384	0.5098	0.5161	0.612	0.7151	-0.0358	0.6128
PY04325	0.168	0.1828	0.3161	-0.1349	-0.24	0.029	0.1045	-0.0006	0.3131	0.3352	-0.1536	0.4812
PY04453	-0.3414	-0.3707	-0.2146	0.2681	-0.4278	-0.0868	0.0714	0.4082	0.2725	0.0845	0.0058	0.1425
PY07430	0.1962	0.1936	0.0334	0.9812	0.2752	-0.084	0.0435	0.2436	0.3087	0.6198	-0.0658	0.0395
PY01693	0.3462	0.3122	0.0093	0.5064	0.6755	0.1812	0.0672	0.1017	-0.0182	0.7204	0.5021	0.0611
PY04565	-0.017	-0.0075	0.0999	-0.9206	-0.4869	-0.5979	-0.0053	-0.0012	-0.8335	-0.4868	-0.3854	-0.115
PY01821	0.0376	0.2696	-0.2193	-0.5264	-0.1354	-0.2338	0.0998	0.1131	0.1565	0.3744	0.0406	-0.0062
PY07139	-0.1223	0.1206	-0.003	1.0871	0.3092	0.2083	0.0166	0.4921	-0.2305	0.8103	-0.2517	-0.0947
PY02281	-0.5163	0.0367	0.205	0.1197	-0.0758	0.1193	0.5747	0.4288	0.4685	0.0669	-0.0203	-0.0065
PY06766	0.2879	0.2396	-0.1655	0.8024	-0.0355	0.1048	0.3908	0.5009	0.2778	0.2244	0.3784	0.5268
PY07053	0.288	0.0796	0.0344	0.2981	0.9061	0.2816	-0.0522	-0.2412	0.0239	-0.1149	0.3779	0.1526
PY02539	0.3681	0.0414	0.0447	1.08	1.2607	0.6744	-0.4336	0.8482	-0.2318	0.9796	0.0839	-0.2604
PY05174	-0.2527	0.1753	-0.1438	-0.0935	0.0715	-0.0078	-0.2683	0.1709	-0.0539	0.1567	0.5126	-0.0822
PY07294	-0.2438	-0.0533	-0.2654	-0.7002	-0.3652	-0.4367	-0.4508	-0.0627	0.1331	-0.016	-0.5859	0.6081
PY06608	-0.2125	0.0923	-0.7916	0.2178	-0.0941	0.0576	0.0962	0.1268	0.549	0.5244	0.6251	0.2443
PY04629	-0.2228	-0.2982	-0.256	0.9551	0.2586	-0.0236	0.1391	0.6407	0.0122	0.9463	-0.1043	-0.037
PY07130	-0.3414	0.0317	-0.1931	1.3559	0.3496	0.3588	0.2426	0.3677	-0.137	0.9932	-0.1784	0.0838
PY06982	0.3863	0.1741	0.1702	-1.1683	-0.4036	-0.2166	0.133	-0.7063	-0.0627	-1.263	-0.876	-0.2699
PY05988	0.2311	0.1863	0.1191	-0.5419	-0.1897	-0.2788	-0.0124	-0.6224	0.2201	-0.7278	-0.4232	0.089

PY00529	-0.4335	-0.2624	-0.2147	0.933	0.4177	-0.0368	-0.367	0.4705	0.2019	0.4941	0.3712	-0.4787
PY03073	-0.4968	0	0.165	-0.2627	-0.3443	0.1005	0.0848	-0.0008	-0.689	-0.6506	-0.0652	-0.4051
PY06197	-0.0514	0.0403	0.0427	-0.2133	0.1375	0.0287	0.1323	-0.0265	0.027	0.3866	-0.0993	-0.0373
PY04821	-0.5494	-0.1778	-0.29	0.6094	0.512	-0.0794	-0.2863	0.1455	-0.2636	0.0245	0.2675	-0.3211
PY00680	-0.3895	-0.0537	-0.4898	0.8516	0.4928	0.5261	-0.6781	0.7896	-0.5059	0.6954	1.681	-0.7273
PY06288	0.0795	0.1094	0.1751	-0.3756	-0.4985	0.3259	-0.1567	-0.3823	-0.1132	-0.3853	-0.4278	0.0448
PY04514	0.2912	-0.1162	-0.0193	0.0951	0.3622	0.1022	0.0048	-0.3364	-0.3957	-0.1541	0.3902	-0.0438
PY03647	-0.7798	0.2599	-0.0607	0.3381	0.1797	-0.3452	-0.0389	0.6708	-1.0657	0.4499	0.23	0.0203
PY03515	0.3078	-0.0631	-0.5	0.0479	-0.3613	-0.0091	-0.0157	-0.0244	-0.7895	-0.1899	-0.2243	-0.2518
PY07091	0.256	0.1264	0.1976	-1.6499	-0.321	-0.2069	-0.0042	-0.4152	-0.6691	-0.8002	-0.1195	-0.9577
PY02121	-0.3613	-0.2284	-0.3288	-0.0849	-0.506	-0.4734	-0.1727	0.1735	0.2095	0.3012	0.5021	-0.1635
PY04158	0.0071	0.001	0.0333	-0.8503	-0.138	-0.2368	-0.0719	-0.2539	0.135	-0.717	-0.0031	-0.02
PY06184	-0.3504	-0.1695	-0.4137	-0.0655	-0.4766	-0.1767	-0.3696	0.1929	0.368	0.0237	-0.0473	0.3652
PY00256	0.1423	0.4773	0.1813	0.2873	0.0371	0.4188	0.3289	0.177	-0.7702	-0.3713	-0.6061	-0.0778
PY00599	-0.8753	0.197	-0.0554	0.1072	-0.1158	-0.1213	0.0452	0.6414	0.4283	0.8165	-0.1601	-0.0254
PY07052	0.4689	0.0892	0.1693	-0.6716	-0.0454	-0.0826	-0.1559	-0.2216	-0.1305	-0.344	-0.6439	-0.9583
PY03438	0.0629	-0.0036	0.0484	0.2286	0.1006	-0.1681	0.057	0.1866	0.3022	-0.5867	-0.2741	-0.0303
PY02722	0.2634	0.0562	-0.0695	0.225	0.8406	0.0254	-0.5924	0.3834	0.0912	0.2951	0.9519	0.0426
PY05781	0.317	0.3738	0.093	0.2243	-0.3148	-0.0115	-0.1085	0.3307	0.2434	0.2345	-0.197	0.0416
PY00863	-0.2735	-0.2304	-0.2166	0.5165	0.121	-0.2942	-0.0816	0.0317	0.018	0.285	0.3835	0.2318
PY06731	0.2442	0.3064	0.1146	0.214	0.6932	-0.1533	-0.0739	0.0259	0.0336	-0.1614	0.71	-0.0337
PY07187	0.0692	-0.0696	0.1611	-0.4176	0.1987	0.0048	0.1087	-0.2232	-0.6832	-0.5941	-0.0087	-0.2112
PY02610	0.0613	0.1695	0.072	0.0933	1.2355	0.0507	0.1373	-0.5178	0.1846	-0.2254	-0.0483	0.3429
PY06843	0.0288	0.1295	0.4132	0.2568	-0.5376	-0.3553	-0.2002	0.2282	0.2782	-0.0582	0.6906	-0.0757
PY04611	-0.2538	0.012	-0.2256	0.5317	0.2897	0.4226	-0.0776	0.7161	0.0863	-0.1974	0.1701	-0.0169
PY04378	0.2488	0.3131	0.2515	0.4044	0.0741	0.4912	0.6808	0.4069	0.1085	0.1711	-0.5212	-0.3335
PY05868	-0.0449	-0.0061	0.0766	-0.4495	-0.3032	-0.2799	-0.3221	-0.2735	-0.1445	-0.2427	-0.0403	-0.5245
PY07668	1.195	0.0148	-0.1438	-0.1734	0.9738	-0.0408	0.2041	-0.567	-0.3123	-0.4989	0.2067	0.0815
PY02712	-0.4418	-0.2044	-0.2972	0.4828	-0.7001	-0.0516	-0.0743	0.4484	-0.047	1.4001	-0.3724	-0.5004
PY02767	-0.0156	-0.0435	0.0406	0.7233	-0.4477	-0.0573	-0.0813	0.7023	0.0756	-0.07	-0.1106	0.0422
PY00257	0.0421	-0.0849	-0.0969	0.2726	-0.1007	0.0071	-0.0102	0.2199	0.1569	0.1922	-0.0045	-0.0935
PY02555	-0.4037	-0.2921	-0.2892	1.4849	0.624	0.3189	-0.2241	0.5972	-0.1243	1.1498	0.3478	0.3403
PY01829	-0.4696	-0.5485	-0.5041	0.3774	0.8907	0.3559	-0.1543	0.3618	-0.0505	0.3437	1.1512	0.0346
PY06313	-0.4065	-0.0015	0.0732	0.793	-0.988	-0.2003	-0.3649	-0.086	-0.1098	-1.2005	-0.8717	-0.1654
PY03133	-0.1993	-0.1242	-0.3163	0.5046	-0.3807	-0.2343	-0.0545	0.4205	0.4597	0.2146	-0.0945	-0.0661
PY01658	-0.2864	-0.3805	-0.2797	-0.0017	0.5503	-0.1481	-0.0954	0.0997	0.0326	-0.0433	0.411	0.0987
PY02684	-0.5247	0.107	0.1538	0.0228	-0.1702	0.0027	0.0377	0.032	0.1398	0.0159	-0.2593	-0.2789
PY03154	0.1979	0.0076	0.5069	0.9804	0.4487	0.1429	0.0192	-0.1063	-0.0898	0.4169	-0.7294	-0.1524
PY04638	-1.0191	-0.2656	-0.06	-0.2164	0.0993	-0.2928	-0.4097	-0.0601	-0.0824	0.1993	0.3385	-0.112
PY07450	0.1308	-0.0694	0.0289	-0.9228	-0.2978	-0.3423	0.0353	-0.6205	-0.5347	-0.9442	-0.9541	-0.9476
PY03998	0.3657	0.053	-0.3519	-0.4543	-0.2572	-0.1458	-0.2051	-0.2444	-0.1779	-0.3952	-0.5006	-0.806
PY00217	-0.202	-0.0878	0.0224	0.3986	-0.2222	0.0085	-0.0638	0.1699	-0.5212	0.5377	-0.2663	-0.7112
PY05492	-0.289	-0.0882	-0.1934	0.0893	0.5774	-0.0381	-0.1848	0.5006	0.2977	-0.1152	0.0281	0.1522
PY03047	1.6111	0.3449	-0.03	0.5636	-0.0866	-0.2779	0.1226	0.116	-0.1081	-0.739	-0.1301	0.3352
PY00133	-0.1951	-0.1802	-0.3136	0.4654	1.2569	0.1507	-0.0949	0.1309	-0.0541	-0.1887	0.3622	0.3075
PY04104	0.1884	0.1817	0.4801	0.7202	-0.0914	-0.0433	0.2886	-0.0543	-1.6037	0.156	0.0034	-0.0368
PY04451	-0.3619	-0.045	0.0206	0.2518	0.5824	0.0715	0.0543	0.4515	-0.0802	-0.0233	0.3229	-0.1253
PY05554	-0.0388	-0.201	-0.0401	0.18	0.5807	0.4443	0.2241	0.0397	0.0713	-0.0736	0.2304	0.0578
PY02071	0.0186	-0.1183	-0.0738	0.5894	0.4744	0.3506	0.1189	0.2715	-0.151	0.3297	-0.392	0.0128
PY01837	0.2529	0.2536	0.0615	0.3493	-0.5726	-0.4694	-0.0514	0.3553	0.3001	-0.0215	-0.2122	0.1726
PY02011	0.3684	-0.0136	-0.6472	0.6409	0.1969	0.1137	-0.4729	0.2373	-0.1608	0.8839	-0.0245	0.0147
PY03800	0.2621	-0.012	0.0532	-0.8601	-0.2674	-0.1558	-0.1941	-0.6463	-0.4457	-0.8059	-0.8724	-0.8749
PY06162	-0.0337	-0.4236	0.0673	0.0595	-0.0831	-0.1495	-0.1247	-0.1401	0.2537	0.0095	0.0617	0.2284
PY05024	0.1879	0.2933	0.0902	0.4488	-0.2824	0.1479	0.2029	0.4207	0.4306	0.0881	-0.1389	0.105
PY00597	-0.076	0.154	-0.3974	0.3405	0.2212	-0.0403	-0.3347	0.2945	-0.4951	0.2901	0.275	-0.441
PY02858	0.0538	0.1562	0.0187	0.7077	0.9472	0.096	0.1381	-0.1947	-0.1527	0.3711	0.1656	-0.1064
PY03630	-0.3679	-0.5139	-0.2383	0.076	1.3009	0.0649	0.0577	0.3009	0.407	0.3688	1.3648	0.1501
PY01132	0.122	-0.1758	-0.1005	0.7399	0.1694	0.2801	0.2266	0.1937	-0.1054	0.2559	-0.0824	-1.556
PY02035	0.1218	0.1768	-0.0319	0.2359	0.3287	0.1721	0.2186	-0.0805	-0.1454	-0.1367	0.0079	-0.0696
PY04630	0.0256	0.3802	0.1994	-0.2614	0.2063	-0.06	0.0572	0.0351	-0.0717	0.2686	-0.195	-0.2007
PY01148	0.5524	0.1377	-0.2404	0.3999	0.2661	0.0622	0.2919	0.1462	-0.3705	0.4986	0.4606	-0.0245
PY06816	-0.091	0.0529	0.3605	-0.1603	0.155	0.0549	0.2101	0.0823	0.8145	0.1816	0.2443	0.4555
PY07647	-0.0192	-0.0266	-0.4546	0.3235	0.3137	0.0886	-0.1296	-0.0662	-0.0823	0.2163	0.0256	0.011

PY00510	-1.4716	-0.7945	-0.4764	-0.8482	-0.4144	-0.462	-0.2623	-0.078	0.3966	0.0419	0.4528	-0.0487
PY02201	0.0693	-0.0539	0.0262	-0.0337	-0.3915	-0.5188	-0.1174	-0.106	-0.1376	-0.4458	-0.2587	-0.6863
PY07277	0.2572	0.3371	0.1611	0.0178	-0.0821	-0.1751	-0.1703	-0.6084	-0.1439	-0.5532	-0.4959	-0.1083
PY04262	0.3368	-0.033	0.0854	0.406	-0.4907	-0.0381	0.1595	0.212	0.1988	1.1529	0.3329	0.048
PY01139	0.304	0.2788	0.3192	-0.538	-0.8543	-0.1852	0.2129	-0.5872	0.1736	-0.682	0.8771	0.2422
PY00902	0.0432	-0.5799	0.0623	1.526	1.1364	1.0529	0.2754	1.0881	0.1671	1.4188	0.8937	0.2546
PY00440	-0.1629	-1.1504	0.3474	0.3743	0.4544	0.0145	-0.5829	0.1854	0.0944	0.5561	0.3764	0.1264
PY03769	0.3186	0.5685	0.4959	-0.3352	0.0499	-0.1504	0.0295	-0.1177	0.3343	-0.4215	0.1112	-0.346
PY01656	-1.0254	-0.3071	0.042	-0.0914	0.1045	-0.1827	-0.2301	0.1413	-0.0824	0.1191	0.3125	-0.1378
PY06042	-0.1236	-0.1734	-0.1143	0.0618	0.2056	-0.0213	-0.1651	0.0706	-0.4329	-0.0014	-0.1227	-0.7374
PY02027	0.0241	0.3749	0.1595	-0.1857	0.0553	0.1003	0.5581	-0.0596	0.2522	-0.2269	-0.0775	0.7717
PY00349	0.1851	0.0216	-0.6164	0.68	0.2475	0.0717	-0.3637	0.2164	-0.9063	0.8676	0.0858	-0.1353
PY02085	-0.2286	-0.1296	-0.254	-0.5937	0.1702	0.2028	0.0597	-0.2603	-0.1085	-0.3517	-0.2934	-0.1859
PY02850	0.2313	0.0352	-0.0874	0.0947	0.6953	0.6813	0.3884	0.4853	0.2279	-0.3096	0.1774	-0.209
PY02091	0.3505	0.4076	0.199	0.2894	0.0222	0.1507	-0.1013	-0.0452	-0.0183	0.1964	-0.2692	-0.0376
PY02596	0.3893	0.8738	-0.0642	0.2144	-0.1228	-0.1575	0.3379	0.212	0.1473	-0.2702	-0.0474	0.0847
PY06662	0.2837	-0.0179	-0.1652	-0.0561	0.0369	-0.187	-0.0974	-0.2239	-0.2037	0.0467	0.1081	-0.0624
PY02833	0.0971	0.1011	0.3911	0.1336	0.0681	0.0459	0.2563	-0.2444	0.2146	-0.3054	-0.2756	0.2512
PY02819	0.0844	0.1478	0.3287	-0.165	0.0187	0.0946	0.2017	-0.0695	-0.0296	0.0544	-0.0354	-0.1058
PY00881	-0.1864	-0.4846	-0.0723	0.1516	0.7303	0.0268	-0.354	-0.187	-0.7188	-0.1014	-0.1509	0.0337
PY04587	0.2056	0.1944	-0.1729	-0.338	0.0334	0.1026	0.0223	-0.1785	0.0581	-0.3247	0.1696	-0.1315
PY02047	-1.7178	-0.8242	-1.0405	-0.1704	-0.0253	-0.5711	-0.1051	0.4442	0.4841	0.8035	1.0498	-0.1525
PY05093	-0.1101	-0.0718	-0.1461	-0.7854	-0.2219	0.1832	-0.0976	-0.1994	0.1458	-0.4018	-0.0381	0.0834
PY02674	0.456	0.2788	0.2689	0.1841	-0.1832	0.167	-0.0577	-0.4839	-0.1423	-0.5	-0.7636	-0.0993
PY00899	-0.2624	-0.2727	-0.2921	-0.2473	0.9065	-0.2405	-0.3217	-0.073	-0.7908	-0.2461	-0.3117	-0.4387
PY05137	0.241	-0.0919	-0.1772	-0.4398	-0.5178	-0.0917	-0.1612	-0.2041	-0.2448	-0.0513	-0.1183	0.1201
PY06858	0.119	-0.0611	-0.4438	-0.2554	0.2497	-0.1775	-0.1979	-0.262	-0.2152	-0.324	-0.2262	-0.0367
PY06801	-0.0282	-0.0611	0.0829	1.2207	0.2377	0.7743	-0.1625	-0.2773	-0.5319	-0.298	1.3663	0.0748
PY02170	0.7566	0.1384	-0.2228	0.2508	-0.137	-0.0338	-0.0771	0.0269	-0.0243	-0.2794	-0.548	0.1351
PY07655	0.056	-0.1536	-0.3787	-0.0587	-0.0944	-0.1354	-0.1696	0.0136	0.1436	0.1868	-0.0913	0.042
PY04956	-0.1857	0.1482	-0.1964	-0.1798	0.3174	0.0981	0.0579	-0.1021	-0.2166	-0.538	-0.3272	-0.2243
PY00879	-0.0509	-0.0842	-0.0354	0.5729	0.5254	1.2193	0.0537	0.5177	0.3026	0.3851	0.6854	0.4164
PY03071	-0.0399	0.2968	0.1177	-0.292	0.0114	-0.2316	-0.2457	-0.1378	0.1399	-0.4097	-0.0093	-0.1572
PY02108	-0.5082	0.0887	0.0994	-0.26	-0.1346	0.2299	0.0837	0.2367	0.3027	-0.3746	0.0829	-0.3599
PY04091	0.7646	0.2556	0.2571	-0.0106	-0.1939	0.034	0.1228	-0.475	-0.132	-0.2981	-1.025	-0.3557
PY06603	-1.3971	-0.0549	0.0893	-1.1011	-1.3004	-0.2905	-0.3595	-0.1445	-0.017	0.0615	0.5422	-0.3783
PY01086	-0.0034	0.171	0.2052	-0.1755	-0.5799	0.2142	0.5542	0.1969	0.487	0.0819	-0.2848	0.3831
PY07214	1.3008	0.7256	0.2595	0.1798	-0.1409	-0.3829	-0.3595	-0.4017	-0.2665	-0.2371	-0.5695	-0.0303
PY04286	-0.8322	-0.3457	-0.1167	-0.6782	-0.6057	-0.0059	0.2627	0.5494	0.461	0.1498	0.5984	0.1248
PY01804	-1.1303	-0.4698	-0.3059	-0.6471	0.3428	0.1642	0.1758	0.1524	0.1011	-0.3379	0.434	0.2563
PY02431	-0.0227	-0.2183	0.0788	0.1069	0.2212	0.1348	0.0135	0.0767	-0.1763	-0.1074	0.0417	-0.3507
PY05957	-0.3893	0.3429	0.8784	-0.0184	-0.0653	-0.0225	-0.4498	-0.4186	0.0116	-0.2371	-0.4524	-0.2107
PY03445	0.3134	0.0417	0.1417	-0.2408	-0.1747	0.0862	0.4657	0.1116	0.4801	0.4527	0.1721	0.5497
PY03260	-0.8287	-0.1656	-0.2571	-0.7215	0.0299	-0.0539	0.081	-0.117	0.1194	0.1003	0.2287	-0.2585
PY04756	0.8591	0.5936	0.6287	0.019	-0.2533	-0.0759	0.0276	-0.4987	-0.1417	-0.951	-1.0058	-0.2586
PY05971	-0.1238	0.2247	0.2746	0.0361	-0.0126	0.0395	0.1973	0.1452	0.236	0.1672	-0.0825	0.1364
PY00124	0.0544	0.0335	0.0555	-0.2831	-0.2463	0.4043	0.2722	-0.0996	0.1504	-0.2233	-0.047	-0.1098
PY02378	0.3293	0.1249	-0.1037	0.5037	0.1345	-0.1922	-0.2646	-0.0011	-0.2625	-0.2667	-0.1191	-0.2993
PY05485	-0.3111	0.0796	0.2649	-0.5214	-0.5471	-0.1634	-0.6951	0.3014	0.4977	-0.1333	-0.28	-0.1065
PY02392	-1.487	-0.539	-0.2689	-1.1711	-0.6336	-0.1158	0.2163	0.9862	0.354	0.442	1.2209	-0.074
PY00900	-0.0464	0.062	0.1757	-2.0566	-0.67	-0.0779	0.0849	-1.1267	-0.038	-1.7862	-0.6133	0.1939
PY02187	0.5863	0.1096	0.2279	1.0936	0.5595	0.1025	0.0334	0.2564	-0.2115	0.4374	0.6559	0.0004
PY01135	-0.6447	-0.4589	-0.0504	-0.2589	-0.2457	-0.1927	-0.0307	-0.055	0.1448	-0.5681	0.1063	-0.4334
PY03106	0.3181	-0.0693	-0.4756	0.3381	0.4139	0.064	-0.1536	-0.1526	-0.3278	-0.0254	-0.1	-0.1094
PY02765	-0.0774	-0.001	-0.1825	-0.1175	0.2583	-0.1047	-0.1778	-0.1246	-0.1606	0.3459	0.0986	0.2058
PY03546	-0.1106	0.1717	0.2967	-0.6034	-0.2991	-0.0917	-0.0533	-0.2123	-0.0587	-0.4449	-0.5097	-0.0873
PY06673	-2.0956	-0.3991	-0.1292	-1.1742	-0.9717	-0.2482	0.0408	0.6975	0.211	-0.2929	0.8356	-0.8934
PY03276	0.0376	-0.4498	-0.3301	-0.0182	0.0969	-0.0908	0.1075	0.1464	0.3331	-0.3332	0.1834	0.2195
PY06158	0.9974	0.307	0.4649	0.3202	-0.1455	-0.0109	0.0623	-0.4393	0.0816	-0.2525	-0.6078	0.0371
PY03305	-0.219	-0.0514	-0.0109	0.893	-0.0836	-0.3021	-0.1848	0.5863	-0.0528	0.2155	0.098	-0.3917
PY00243	-0.0745	-0.1271	-0.1237	-0.1093	0.2086	-0.0407	-0.5565	-0.1109	-0.3013	0.0125	0.1933	-0.2078
PY00647	0.1104	-0.201	-0.3673	-0.3018	0.001	-0.09	0.0311	-0.0319	-0.2245	0.2235	0.0215	0.2223
PY03995	-0.0309	-0.0717	0.0639	-0.0044	-0.0713	0.0182	0.0085	0.043	0.1922	0.3126	-0.1493	-0.0164

PY06978	-0.1356	-0.0894	0.3953	-0.7778	-0.206	-0.2382	-0.1672	0.1412	0.3736	-0.0005	0.3985	0.3929
PY04390	0.2422	0.4065	0.6811	-0.3607	-0.6781	0.1776	0.6959	0.4058	0.6699	0.3179	-0.3414	0.8054
PY07329	0.1021	-0.1682	0.0048	0.1195	0.3438	0.3797	0.1297	0.2598	-0.0855	0.0894	0.4567	-0.1103
PY02458	0.9297	0.3214	0.2181	0.7595	0.0341	0.0477	0.1906	-0.1169	0.3829	0.4852	-0.6782	0.3288
PY01582	-0.061	0.4947	-0.1868	0.0031	0.09	0.0468	0.0612	0.1123	0.3963	-0.0033	0.4814	-0.181
PY04347	0.2236	-0.0135	-0.1066	0.705	0.0807	-0.1666	-0.1683	-0.0982	-0.064	-0.0997	-0.1196	-0.2866
PY05453	-0.0447	-0.1627	-0.0117	-0.7754	-0.225	0.0187	-0.0979	-0.1851	-0.0522	-0.6057	0.0545	0.2314
PY05214	-0.3008	-0.1085	0.2108	-0.0955	0.1811	-0.0024	0.221	-0.1586	-0.4315	-0.297	0.087	-0.4007
PY05378	-0.2869	-0.0279	0.2182	0.0686	0.1977	0.0194	0.1233	0.1851	0.0775	0.4016	-0.0583	0.1983
PY00270	-0.1415	-0.1263	-0.3523	0.0107	-0.0199	-0.2146	-0.3082	-0.0013	-0.1119	0.1316	0.0836	-0.2587
PY00202	-0.9715	-0.3414	-0.2725	-0.2778	-0.2772	0.0434	0.0568	0.2594	0.1727	-0.4397	0.2764	-0.8346
PY06813	0.4153	0.2843	0.4923	0.396	-0.1663	0.0968	0.2777	-0.0363	-0.27	-0.0955	-0.5658	-0.0771
PY05918	-0.0295	-0.045	0.5752	0.1984	-0.0043	-0.2155	0.1361	0.4367	-0.1096	0.5365	0.9318	0.0805
PY02955	-0.4287	-0.33	-0.4953	-0.4585	0.1132	-0.0269	0.0832	0.6161	0.1167	0.1203	0.5432	-0.2378
PY02939	-0.46	-0.2611	-0.1631	-0.6997	0.9743	0.15	0.1994	-0.0222	-0.2339	-0.3893	0.0554	0
PY00603	0.5477	0.1327	-0.4996	0.4716	-0.4388	-0.4096	-0.77	-0.0783	-0.57	0.4986	-0.1477	-0.4572
PY03672	0.0369	0.1221	0.2241	-0.467	0.5408	-0.204	-0.4046	-0.5786	-0.5477	-0.1419	-0.4646	-0.1997
PY06194	-0.051	0.2188	0.5708	-0.0101	0.2493	-0.0544	-0.2443	-0.0712	-0.1068	0.2908	0.9792	-0.2763
PY04448	-0.5638	0.0512	-0.0464	0.1178	0.131	0.1174	-0.0418	0.0719	-0.0567	-0.0343	0.0995	-0.1653
PY06812	0.0411	0.0007	-0.1588	-0.4049	-0.2363	-0.1029	-0.1614	-0.0107	-0.1411	-0.0921	-0.1747	-0.0549
PY01431	-0.5591	-0.027	-0.1911	-0.7528	-0.3526	-0.2064	0.0864	-0.0749	0.0175	-0.219	0.1675	-0.0193
PY05263	-0.0576	0.1137	-0.3015	-0.6068	-0.159	-0.5974	-0.1014	0.1081	0.0192	-0.0459	0.4921	-0.0739
PY03902	-0.6013	-0.1453	-0.0197	-0.2902	0.2559	-0.0907	-0.2527	-0.0453	-0.3167	0.0436	0.0836	-0.3562
PY05153	-0.2901	-0.1937	-0.223	0.4622	0.348	-0.0712	-0.0128	0.1712	-0.1616	-0.2372	0.1469	0.0529
PY05209	0.9459	0.4347	0.2258	-0.3996	-0.1372	0.0246	-0.0144	-0.4042	-0.3407	-0.241	-0.9442	0.2773
PY07167	-0.7887	0.094	0.485	0.2249	-0.1218	-0.108	-0.1724	0.2379	0.0724	0.1372	0.4618	0.0802
PY01578	-0.0492	-0.521	-0.4263	-0.0292	0.265	0.1587	0.1555	-0.0165	-0.1493	-0.0308	0.5664	0.0396
PY00728	-0.8304	-0.317	-0.1274	-0.0592	-0.3307	-0.3341	-0.157	0.305	0.3683	-1.1193	0.4006	-0.2151
PY03793	-0.3221	-0.3961	-0.4967	-0.093	0.0184	0.2408	0.2019	0.222	0.0597	0.5767	0.3428	0.5444
PY03248	-0.0277	0.033	-0.1536	-0.3806	-0.1262	0.0744	0.246	-0.0181	-0.1943	-0.1631	-0.2236	0.3233
PY00321	-0.8588	-0.1582	0.1963	0.2938	0.2213	0.0113	-0.083	-0.0818	0.0924	0.1747	0.3732	-0.07
PY05490	0.2903	0.173	-0.0926	-0.3677	-0.4596	-0.038	0.0704	-0.1392	0.0241	-0.6242	-0.4448	-0.0849
PY01437	-0.8897	-0.2566	0.118	-0.1411	0.2868	0.0135	-0.1972	-0.0612	-0.1957	-0.2298	-0.1784	-0.0723
PY00794	0.0389	-0.0805	-0.0091	0.0223	-0.2209	0.0637	-0.102	0.1013	0.0732	0.3147	0.0002	0.0033
PY04477	0.7277	0.4278	0.2517	-0.2235	-0.5619	0.0578	-0.1181	-0.2339	-0.4983	-0.2429	-0.1459	-0.0964
PY01040	-0.9143	-0.483	-0.4528	0.0101	-0.2512	0.1092	0.1525	0.6619	0.2363	-0.6012	0.2919	-0.0862
PY03868	-1.0168	-0.4408	-0.6085	-0.0114	-0.2974	0.0366	0.0336	0.4917	0.2149	0.2973	0.0378	-0.2327
PY00170	0.5136	0.1973	0.0427	0.1375	-0.0618	-0.2553	-0.1262	-0.2656	-0.0625	-0.0766	-0.3677	0.3708
PY00533	0.2575	0.1206	0.0421	0.8292	0.3517	0.7009	0.4559	0.1494	0.0128	0.0076	-0.3827	-0.0179
PY01012	-0.5578	-0.1648	0.0455	0.5083	0.0553	-0.0567	0.0712	0.3782	0.0759	0.9634	0.6016	0.2579
PY06931	0.0963	-0.0573	-0.095	-0.1185	0.6978	-0.1459	-0.0185	-0.0987	-1.7006	-0.1819	0.1608	-0.0128
PY03289	0.9249	0.438	0.6358	-0.1481	-0.768	0.1231	0.6131	-0.1935	0.3865	0.1296	-0.997	0.2863
PY06826	-0.5295	0.1447	0.208	-0.546	-0.4257	0.0543	0.097	0.1948	0.1803	-0.0354	0.4249	-0.4242
PY07458	-0.4466	-0.5992	-0.5778	-0.3039	0.0899	0.0677	0.0516	0.253	0.1119	-0.0395	0.2059	-0.0325
PY06120	-0.4197	-0.1489	-0.0395	-0.3209	-0.3561	-0.4696	-0.2159	-0.2717	-0.0412	-0.19	-0.0015	-0.419
PY04294	1.2708	0.111	0.0376	-0.7107	0.0297	-0.386	-0.0678	-0.772	-0.116	-1.1667	-0.4122	0.2401
PY02374	0.0489	-0.0766	0.0776	0.4708	0.43	0.2627	-0.1891	-0.0285	-0.2274	-0.2947	-0.5455	-0.5141
PY06957	-0.3653	-0.0286	-0.214	-0.0553	-0.066	-0.2122	-0.1446	0.1486	0.0929	0.1971	0.0643	-0.0096
PY00045	-0.0325	-0.5529	-0.1394	0.5659	0.1981	0.0965	-0.1524	-0.097	-0.2164	-0.2796	-0.1902	-0.497
PY02217	-0.6237	-0.334	-0.0762	0.4636	0.6231	0.1717	0.0123	-0.0591	0.0226	0.5285	0.9926	-0.1153
PY04720	-0.1313	-0.2623	-0.2334	-0.3954	-0.1822	-0.1687	-0.5702	0.0059	-0.2508	0.5448	-0.0633	-0.2891
PY00542	-1.4067	-0.1211	0.1153	-0.6153	-0.1752	-0.0849	-0.0816	0.0984	0.0344	0.2061	0.5238	-0.0881
PY05249	0.494	0.1209	0.1325	0.3375	0.2212	0.1037	-0.0349	-0.0799	-0.1399	-0.1929	-0.3932	0.1311
PY05984	0.992	0.5091	0.3232	-0.0383	-0.2658	-0.1267	-0.091	-0.3368	-0.2416	-0.2048	-0.4322	0.0942
PY06105	-0.1608	0.0039	0.0042	-0.5858	-0.167	-0.0687	-0.0104	-0.1751	-0.022	-0.4305	-0.1268	-0.0536
PY02785	-0.2965	-0.2035	0.0241	-0.0477	-0.2239	-0.2762	0.0483	0.4863	0.0681	-0.0379	0.6459	-0.2423
PY02972	0.3945	0.1525	-0.0458	0.2476	0.0822	-0.1028	-0.0675	0.0544	-0.0451	0.4415	0.0024	-0.3586
PY07202	0.7364	0.277	0.099	0.3824	0.0912	0.164	0.0221	-0.0897	-0.023	-0.1489	-0.6165	0.0106
PY04394	-0.2752	0.0158	0.1415	0.109	-0.0055	0.5361	0.0381	0.0622	-0.1184	-0.2199	-0.1243	-0.456
PY06658	0.2398	-0.3287	-0.0622	1.3737	0.0836	-0.0444	-0.0356	0.6981	-0.0398	-0.061	0.0607	-0.2142
PY04575	0.5165	0.3984	0.4816	0.5036	-0.6213	-0.1408	-0.1305	-0.0449	-0.1213	0.0464	-0.572	-0.0094
PY03314	0.9203	0.5376	-0.025	-0.6869	0.225	-0.0233	-0.1609	-0.189	-0.5167	-0.7055	-0.345	-0.7242
PY00115	-0.2421	0.0465	-0.5602	-0.2834	-0.2208	0.1248	-0.2009	-0.1144	-0.1558	0.5194	-0.528	-0.3742

PY03969	0.6911	0.2742	0.1374	-0.0281	-0.1378	-0.0894	0.0089	-0.1478	-0.1612	-0.122	0.2289	0.044
PY06856	-0.3808	-0.0848	-0.0195	-0.8093	-0.4255	-0.2568	-0.2579	0.1778	0.0826	0.0341	0.7565	0
PY07251	-0.5647	-0.027	-0.2213	-0.1869	-0.5381	-0.6782	-0.3798	0.046	-0.162	0.0453	-0.2078	-0.4122
PY00076	-0.0806	-1.6088	-0.517	0.6309	0.511	0.1572	-0.3862	0.4498	-0.7869	0.5483	0.3648	-1.0526
PY07468	-0.4866	-0.1577	-0.0669	-0.1501	0.1291	-0.075	-0.288	-0.0849	-0.2421	0.2564	0.1686	-0.1333
PY07525	-0.2892	0.2016	-0.1718	0.5603	-0.2285	0.1502	0.2175	0.4534	0.3299	-0.3073	0.2669	0.1805
PY01241	-0.1321	-0.0066	0.2329	-0.4035	-0.2334	0.2229	0.263	0.0092	0.246	0.068	0.1268	0.15
PY06883	-0.4518	-0.1128	-0.0421	-0.2988	-0.0939	-0.057	-0.0131	0.0473	0.0916	0.389	0.0981	0.1546
PY02482	0.2489	0.0641	0.0281	0.7016	0.6588	0.3242	0.1076	-0.0185	-0.1217	-0.1059	-0.6691	0.0534
PY02396	0.2422	0.2053	-0.0827	0.3579	-0.0908	-0.1366	-0.0465	0.3102	0.2455	0.0579	0.2142	-0.1806
PY01795	-0.0184	-0.1688	-0.1623	0.3612	0.6144	0.1551	-0.1334	0.0594	-0.2982	-0.4078	0.0779	-0.3362
PY05864	0.3939	0.1296	0.3796	-0.2645	-0.3112	0.1699	0.3113	0.0625	0.076	0.1231	-0.566	0.2635
PY02795	1.2382	0.3709	0.5279	0.4304	-0.3856	-0.2888	-0.0871	-0.3921	-0.2949	-0.5239	-1.1184	-0.1197
PY01284	0.4669	0.3271	0.2323	0.0026	-0.1721	-0.1584	0.1122	-0.212	-0.2562	-0.0207	-0.3719	-0.0402
PY04048	-0.0657	0.1443	-0.4145	-0.3208	0.0189	0.0177	-0.1198	-0.173	-0.2524	-0.0691	-0.4693	-0.113
PY06470	0.3691	0.1002	0.1826	0.0175	0.8648	0.0133	0.1768	-0.4568	0.0848	0.2326	0.2695	0.3657
PY04019	0.6687	0.2136	0.1913	0.1994	0.3528	-0.0076	0.082	0.1745	0.0767	-0.2191	0.0279	0.4896
PY04616	-0.3259	-0.0805	0.3249	-0.3804	0.2652	0.1955	0.0247	-0.1562	-0.0759	-0.4451	-0.0405	-0.0773
PY00784	0.1098	-0.1535	0.0781	0.0564	-0.0133	0.0887	0.0663	0.1731	-0.0209	-0.0449	-0.1913	-0.055
PY03633	0.3518	0.1151	-0.2417	-0.2064	-0.1474	0.1495	0.1667	-0.1254	0.0158	-0.2973	-0.3119	0.1908
PY05841	-0.5506	0.0659	0.0372	0.4184	-0.1658	-0.0161	-0.2173	0.2108	-0.0267	0.2135	0.5659	-0.1645
PY05391	0.0068	-0.0868	-0.0778	0.1085	0.3011	-0.2914	0.2346	0.4595	0.24	0.2676	0.4205	0.3532
PY04367	-0.6429	-0.0941	0.1382	0.0498	0.1071	-0.1741	-0.0359	0.1104	0.1547	-0.2123	0.4494	-0.359
PY04778	0.292	0.4329	0.5752	0.01	-0.0952	0.3354	0.2581	-0.1105	0.1229	-0.2971	0.1027	0.1846
PY03114	-0.1328	0.0242	-0.9014	-0.581	0.3174	0.194	-0.2222	-0.0297	-0.0753	-0.1812	-0.3938	-0.2889
PY01617	-0.1705	-0.4018	-0.4344	0.2237	0.3151	0.0194	0.0018	0.1412	-0.0819	-0.0282	0.5636	-0.0563
PY05202	0.0369	0.1057	0.098	-0.1195	-0.1931	0.1264	0.199	-0.1446	0.1328	-0.1847	-0.6261	0.1515
PY01426	0.4528	0.0234	0.5806	0.2079	-0.6386	0.0337	-0.1932	-0.6518	-0.2505	-0.4818	-0.9534	-0.1351
PY02219	-0.0753	-0.5726	-0.6753	0.1999	0.63	-0.2664	-0.4342	-0.2449	-0.1699	-0.3023	0.0976	0.0147
PY06293	0.0223	0.0613	-0.0194	0.3883	0.148	0.1464	-0.1021	0.0801	-0.0673	-0.087	0.2544	0.029
PY07318	-0.4753	-0.2609	-0.0635	-0.3535	-0.7432	-0.2808	0.0453	0.0324	0.511	-0.0036	-0.8771	0.2918
PY01531	0.1795	-0.2034	-0.4684	-0.2531	-0.2516	-0.2639	-0.2324	0.042	0.0633	-0.0401	0.429	0.0522
PY00340	0.9541	0.4851	0.9787	0.2448	-0.1629	0.3127	0.5376	0.111	0.4765	0.0767	-0.3814	0.38
PY02478	-0.5578	-0.0466	0.2634	-0.2432	0.0309	0.1939	-0.0472	0.129	0.1781	0.1593	0.5922	-0.0649
PY03034	-0.1228	0.0122	-0.5899	0.234	0.3214	0.2413	-0.269	-0.0487	-0.1834	0.0389	-0.3277	-0.3817
PY02755	-0.3896	-0.1476	-0.2724	-0.3846	-0.0686	-0.1568	0.3406	0.4205	0.551	0.3961	0.7706	1.1606
PY01910	-0.0251	-0.0406	0.0193	-0.4137	0.1039	0.2672	-0.0676	-0.1241	-0.0995	-0.3081	-0.0975	0.1584
PY04946	-0.1846	0.0161	-0.1864	0.2439	0.0338	0.5632	0.1304	0.1998	0.1538	0.2546	0.1629	0.0741
PY04730	0.3264	-0.1052	-0.3523	-0.5302	-0.103	-0.3137	-0.4527	-0.3216	-0.2973	-0.1899	-0.058	-0.2917
PY04984	1.1136	0.5664	0.3207	0.4122	-0.2683	0.0584	0.1747	-0.3613	-0.045	0.0021	-0.7963	0.1286
PY01504	0.2916	0.0294	0.1099	-0.6382	0.3204	-0.2082	0.0728	-0.1842	-0.0549	-0.5617	-0.076	0.0182
PY01947	-0.0271	0.0942	0.287	-0.201	-0.2425	0.1092	0.4306	0.3014	0.2061	-0.0485	-0.2272	0.1263
PY00441	-0.2053	-0.1881	0.2192	-0.0709	0.1762	-0.3808	0.0186	0.1627	0.1789	0.0396	0.3979	-0.3982
PY00586	-0.3168	0.1319	-0.0442	0.0644	-0.3402	-0.1457	-0.2328	0.1399	0.1191	0.1983	0.0328	-0.3695
PY02345	0.0267	0.1868	-0.3922	0.4786	0.2909	0.3639	-0.2148	0.5944	0.0062	0.6852	0.7591	0.0673
PY03420	0.3499	0.1011	0.0165	0.2482	0.2543	0.2321	-0.019	-0.0966	-0.091	0.0683	0.1002	0.0662
PY01587	-0.1261	-0.1068	-0.1589	-0.0105	0.0503	-0.4516	-0.3645	-0.2065	-0.1686	-0.1482	0.3017	-0.1047
PY01714	-1.1746	-0.8373	-0.9877	0.5296	-0.5492	-0.1107	-0.0029	0.7801	0.0927	0.3795	0.6293	0.2071
PY01144	0.0685	-0.0542	-0.3301	-0.4307	0.076	-0.166	-0.0844	-0.164	-0.3265	-0.1888	-0.0756	-0.1093
PY01452	-0.1745	-0.0215	0.0881	0.1022	0.4054	-0.0888	-0.173	-0.0094	-0.1126	0.4833	0.5348	0.0725
PY00382	-0.1088	-0.1844	-0.2911	0.4656	0.2009	0.1578	-0.1065	-0.0128	-0.224	0.1703	0.0198	-0.3564
PY04252	-0.4887	-0.0061	-0.057	0.7147	-0.0152	0.0779	-0.1696	-0.0815	-0.0798	-0.3128	-0.3357	0.0016
PY00184	0.5604	0.2173	-0.1133	0.049	-0.114	-0.0112	0.3278	-0.0932	-0.6424	0.3351	-0.3334	0.038
PY05228	-0.2994	-0.2466	-0.3061	0.2864	0.5218	-0.1526	0.0322	0.0774	-0.0489	0.085	0.1091	0.3168
PY02515	-0.3663	-0.5089	-0.1381	-0.0384	-0.0068	0.0141	-0.0163	0.1035	0.0578	-0.0025	-0.145	0.0993
PY03733	-0.1316	-0.1544	0.4284	-0.3631	-0.2056	-0.2105	-0.0222	-0.2796	0.0037	0.0033	-0.2392	0.0988
PY01710	-0.6178	-0.2423	-0.0035	-0.134	0.0479	-0.1154	-0.0605	0.2236	0.1446	0.3049	0.8887	-0.0615
PY04707	0.2432	0.4675	0.5124	0.0873	-0.1831	0.3658	0.228	-0.0744	0.3778	0.0025	0.0177	0.2896
PY03392	-0.4805	-0.2937	-0.4273	0.8003	-0.3048	-0.1847	-0.0712	0.3491	0.3566	0.6314	0.3122	0.4839
PY00259	0.3565	0.0712	0.0009	-0.0767	0.3263	0.2945	0.0466	-0.2573	-0.1391	-0.2255	-0.0852	0.0756
PY06793	-0.5817	-0.6095	-0.8615	-0.0795	0.1184	0.1038	-0.2508	0.2567	-0.0496	0.432	0.3055	0.2431
PY05785	0.36	0.1492	0.2608	0.8882	0.6411	0.559	0.1557	0.1284	-0.1465	0.3108	0.1101	-0.0144
PY02350	-0.1845	-0.1761	-0.0039	-0.4021	-0.1477	-0.3185	0.0277	0.0436	0.0286	0.387	0.8556	0.1145

PY00640	0.1913	0.1885	-0.1412	-0.0731	0.1241	0.2155	0.1096	0.1045	-0.1219	0.0465	0.0845	-0.003
PY01000	0.2167	0.3168	0.2288	-0.5639	-0.0518	-0.0707	0.1598	-0.1774	0.1257	-0.6538	0.0004	0.3662
PY06049	0.4941	0.0101	0.0556	-0.2073	-0.1513	-0.1265	0.2319	-0.2667	0.0713	-0.4416	-0.3555	0.3425
PY01269	-0.5634	-0.1925	-0.0932	-0.6459	-0.4397	-0.0397	0.0396	0.2725	0.1948	-0.224	0.1068	0.1762
PY03450	-0.9391	-0.0578	0.2512	0.0405	-0.1774	-0.267	-0.161	-0.086	0.0184	0.0471	0.1362	-0.0833
PY03233	-0.1474	0.0787	0.1335	-0.0481	0.1681	-0.0118	-0.0801	-0.2192	-0.3085	-0.2916	0.1143	-0.0995
PY01252	-0.2819	0.0724	0.167	0.2564	-0.2235	-0.2861	-0.0874	0.3682	0.2297	0.2724	0.3563	-0.3349
PY01583	-0.4812	-0.199	-0.0216	-0.0086	0.2641	0.0289	0.054	0.0948	-0.0268	0.2694	0.6037	-0.077
PY01749	0.2484	0.0217	-0.4584	0.2395	0.1364	-0.1801	-0.1154	-0.1075	-0.1419	0.0246	-0.0296	-0.1327
PY06974	0.0011	0.2699	0.3801	0.2101	-0.0757	-0.1044	-0.3271	-0.5832	-0.1368	0.2749	1.8465	0.1712
PY00890	-0.9754	-0.1359	0.2009	-0.1285	-0.3192	-0.5795	-0.4601	-0.0964	-0.0501	0.1146	0.7197	-0.1594
PY02869	-1.0728	-0.7429	-0.423	-0.5981	-0.7193	-0.1669	-0.0501	0.676	0.1763	0.4547	0.6239	0.2457
PY04545	0.4883	0.2082	0.1478	-1.0686	-0.2128	-0.1304	-0.1075	-0.2205	-0.0181	-0.5094	-0.4103	0.0737
PY06951	1.2612	0.6892	-0.1708	0.3196	-0.4801	-0.1344	0.136	-0.1532	0.0136	-0.2501	-0.5837	0.0042
PY02257	-0.6511	0.1041	0.3158	0.0583	-0.4607	-0.0892	-0.1628	-0.0645	-0.0719	0.2661	-0.0599	0.0615
PY04851	0.4924	0.0033	-0.4178	0.014	0.4502	-0.0474	-0.0935	-0.3292	-0.1221	-0.1343	-0.1005	0.0286
PY05026	-0.6189	0.0351	0.2218	-1.1451	-0.4756	-0.3636	0.1231	0.3071	0.4704	-0.2903	0.2494	-0.3179
PY03066	0.1295	0.192	0.0866	-0.4215	-0.1465	-0.2357	0.01	-0.1027	0.1107	-0.9463	-0.2122	0.0681
PY05697	0.0361	-0.0656	-0.0197	-0.2397	0.0256	0.0088	0.2768	-0.0489	0.0543	0.0556	-0.1221	0.3426
PY07098	0.6591	0.345	-0.0825	-0.2307	-0.2735	-0.1974	-0.2704	-0.1186	0.0136	-0.3463	-0.2336	-0.7456
PY00152	-0.8107	-0.0056	0.0107	-0.011	0.2154	0.3055	-0.1723	-0.089	-0.0874	0.0318	-0.0415	-0.2059
PY02503	0.2906	0.1334	0.1405	0.1644	-0.0036	-0.0108	-0.1676	-0.2048	-0.1614	0.0207	0.2347	0.0663
PY04753	-0.2351	-0.2449	-0.2543	-0.3685	0.2405	-0.0108	-0.1165	-0.2948	-0.3675	-0.2544	-0.1713	-0.311
PY07352	0.909	0.794	-0.0677	0.4153	-0.3474	-0.371	-1.0244	0.1848	0.2152	0.5415	0.0394	-0.2297
PY06282	0.7958	0.3057	0.4154	-0.4605	-0.2517	0.0094	0.0878	-0.2928	-0.1081	0.0656	-0.5378	0.0933
PY02715	0.0703	0.171	0.2637	0.5597	0.034	0.1309	-0.1121	0.0662	-0.1411	0.2342	-0.2421	-0.2438
PY05750	-0.013	-0.2506	0.2095	-0.429	-0.007	-0.0253	0.2496	0.2965	0.1042	-0.1443	0.0641	0.0847
PY06964	-0.6226	-0.1284	-0.3011	-0.6191	-0.1722	-0.6313	-0.3531	-0.0071	0.143	-0.0432	0.4182	-0.3304
PY03188	0.082	-0.2676	-0.1192	-0.4332	0.2076	0.0142	-0.2395	-0.3513	0.164	-0.5129	-0.2156	0.061
PY05885	0.8383	0.2813	0.1405	0.0886	-0.0796	-0.2324	0.0961	-0.1701	-0.0344	-0.1195	-0.5045	0.192
PY06466	0.2483	0.0422	-0.082	0.1059	0.4003	-0.0753	-0.2954	-0.3023	-0.288	0.0773	0.1164	-0.2006
PY03616	-0.1842	-0.2261	0.2018	-0.6954	-0.0016	0.0372	-0.0492	-0.0386	-0.1804	-0.301	-0.1805	-0.12
PY00088	0.1416	-0.2722	-0.0126	0.2112	0.47	0.0518	-0.0769	0.0422	0.1316	0.1672	0.1085	0.0666
PY04028	0.4942	-0.0316	-0.2962	0.2436	0.0569	-0.2964	-0.3768	-0.4078	-0.3842	-0.1499	-0.5208	-0.018
PY01885	0.0857	-0.0807	0.156	-0.2865	-0.2794	0.0473	0.0274	-0.1287	0.1795	-0.3238	-0.5354	0.1284
PY04785	-0.2418	0.3551	0.6294	-0.0566	-0.0967	-0.1283	0.2677	0.1908	0.3819	-0.0015	0.3113	0.204
PY01281	0.0091	0.0752	-0.0111	-0.4234	-0.3159	-0.3344	-0.0995	-0.199	-0.3374	0.0885	-0.0169	-0.0247
PY02929	-0.1091	-0.0524	0.3567	0.3331	-0.1179	-0.0193	-0.194	-0.0682	0.0654	0.1937	0.1908	0.4492
PY00421	-1.0605	-0.371	-0.1822	-0.3482	0.0962	-0.1044	0.027	0.0132	0.0941	0.1715	0.1976	0.0121
PY04351	-0.716	-0.5007	-0.0909	-0.8305	-0.4314	0.3369	0.1064	0.2851	0.3808	-0.1591	0.1572	-0.3209
PY03511	0.7704	0.3021	0.4795	0.3294	0.7096	0.462	0.1423	-0.0912	-0.1476	-0.0101	0.0828	0.0159
PY00669	-0.7552	-0.3915	-0.1792	0.5824	-0.3229	-0.3836	-0.5076	0.2722	-0.284	0.5274	-0.0209	-0.0945
PY06408	-0.2719	-0.4727	0.1988	0.0844	-0.1186	-0.2912	-0.4372	-0.4496	-0.2861	-0.4282	-0.5531	-0.1036
PY01218	-0.4393	-0.2702	-0.0414	-0.493	-0.049	-0.1079	0.2443	0.2924	-0.014	-0.8736	-0.0689	-0.3127
PY03527	-1.1673	-0.3395	-0.1744	-0.1898	-0.6663	-0.1432	-0.0371	0.3991	0.4683	0.6903	0.4926	0.4736
PY01294	0.17	-0.1632	-0.4062	1.125	0.2126	0.0201	-0.2666	-0.0131	-0.1927	-0.1401	0.1279	-0.1604
PY05997	-0.1066	0.0768	0.5746	0.0293	-0.0881	0.3677	0.541	0.3735	0.3664	-0.2193	0.1797	0.0387
PY00705	-0.7153	-0.4323	-0.8022	-0.2818	0.3135	0.1118	-0.1424	-0.031	-0.0414	0.1249	0.2262	0.129
PY02961	-0.5078	-0.1847	-0.297	-0.045	-0.1929	-0.2645	-0.2083	-0.1095	0.0253	0.2914	0.3077	-0.1475
PY04401	-0.13	0.1035	0.239	0.1321	0.0497	0.2534	0.0194	0.3087	0.3241	-0.0401	-0.1137	-0.0365
PY05579	0.0575	-0.2577	-0.0782	0.3525	-0.3493	-0.3493	-0.0914	0.4663	0.3905	0.6034	0.1736	0.0923
PY02427	0.0362	0.0229	0.1611	-0.0226	0.9566	-0.062	0.3515	-0.0047	0.5137	-0.1622	0.1258	0.8367
PY02905	0.9539	0.4374	0.6376	0.047	-0.2155	0.1065	0.0171	-0.4116	-0.1951	-0.3241	-0.7917	-0.2813
PY01025	-0.6488	0.0983	-0.0485	-0.0774	0.1592	0.8165	0.4676	0.6038	0.0232	0.346	-0.1374	0.0059
PY01276	-1.2856	-0.0951	0.2396	-0.4001	-1.0696	-0.0821	0.0325	0.2728	0.2286	-0.5363	-0.073	-0.7794
PY07155	-0.5118	0.1106	0.3384	0.1788	-0.3768	-0.1268	0.1945	0.3731	0.3024	-0.6062	0.3242	0.239
PY05050	-0.7638	-0.5374	-0.0036	-0.4388	-0.1973	0.1497	-0.1945	0.0747	0.1594	-0.1607	-0.0176	0.213
PY05086	0.193	0.2395	0.1119	0.2382	0.2483	0.305	0.2654	-0.0312	-0.228	-0.1747	-0.7528	-0.0793
PY03763	0.4425	0.0501	-0.159	-0.129	-0.5191	0.238	0.2627	0.1849	0.2644	0.4371	-0.2845	0.0588
PY00739	0.3809	-0.1587	0.3248	-1.3929	-0.5931	0.3403	-0.0082	-1.183	0.185	0.3359	-0.5198	0.1906
PY07323	-0.5772	0.1587	0.1965	-0.3964	-0.321	-0.3343	-0.1458	-0.0587	-0.0357	0.0987	-0.0902	-0.222
PY00215	-0.2225	-0.0443	-0.4695	-0.1174	0.3276	0.2021	-0.0395	0.0349	-0.1896	0.2066	0.1353	0.0572
PY04888	-0.2843	0.1956	0.0434	0.4479	0.3619	0.4326	-0.3054	-0.0199	-0.0433	0.1048	-0.0466	-0.1669

PY06284	-1.059	-0.3611	-0.1314	-0.393	-0.5863	-0.1816	-0.0188	0.0285	0.4091	-0.0357	0.4544	0.0572
PY05502	-0.7037	-0.4133	-0.3198	-0.9514	-0.1198	0.3913	0.1188	0.5473	0.1615	-0.2416	0.2409	-0.3685
PY02682	0.6882	0.1878	-0.1209	0.5408	0.2397	-0.0778	-0.1169	-0.1319	-0.1762	0.1662	0.0048	0.2161
PY00094	0.6227	0.1026	0.2415	0.1423	0.0238	0.1232	0.181	-0.0494	0.029	0.124	-0.1825	0.1719
PY06418	-0.6651	-0.6646	-0.2801	-0.1579	-0.434	-0.1251	-0.1191	-0.0421	0.1344	-0.111	0.2686	-0.0412
PY03209	-0.762	-0.0254	0.0562	-0.5839	-0.4505	0.0996	0.2507	0.1792	0.2489	-0.126	0.0746	-0.2565
PY04814	-0.5156	-0.0789	0.0561	0.0342	0.3165	0.0213	-0.1857	-0.351	-0.4438	0.252	0.2155	-0.2617
PY05584	0.8949	0.8213	1.1272	0.1378	-0.2288	0.0259	0.5475	-0.2532	0.375	-0.0168	-0.4231	0.5529
PY05470	-0.4831	-0.3165	-0.4261	0.0414	-0.0558	0.142	-0.2503	0.1499	0.1019	0.5192	-0.2076	0.2849
PY05726	0.2852	-0.0183	-0.3738	0.5876	0.3266	-0.0262	-0.2648	-0.2212	-0.1097	0.1258	0.2663	0.0836
PY05673	0.4244	0.3979	0.3057	0.6661	-0.08	0.0039	0.1122	0.1012	0.4218	0.56	-0.582	-0.3153
PY04742	-0.3982	-0.3457	-0.1386	0.3275	0.2552	0.1606	0.215	0.1898	0.2748	0.0289	0.1428	0.2514
PY06145	-0.1955	-0.0131	0.1851	0.2293	0.2083	0.0754	0.0422	0.0741	0.2328	0.241	0.1532	-0.4135
PY05272	-0.7323	-0.2624	-1.7662	0.0641	0.1647	-0.271	0.0044	-0.1171	0.3085	0.0646	0.8547	-0.2195
PY02297	-0.0152	0.1111	0.0221	0.8255	0.2238	1.1139	0.47	0.5741	0.3333	0.5608	0.4755	0.2529
PY06941	0.4662	0.1651	0.0782	0.1269	0.2105	0.1697	0.3184	0.092	0.2139	0.1242	0.0043	0.4584
PY05764	-0.245	-0.1151	-0.3152	-0.1454	0.2536	0.0378	0.1715	0.1502	0.2141	0.1046	0.4799	0.1317
PY07307	-0.1781	-0.0237	-0.2248	-0.2165	0.273	0.0192	-0.2731	-0.1367	-0.2341	-0.0789	0.0314	0.0931
PY04399	-0.4233	-0.2025	-0.3456	-0.4399	-1.6419	0.3124	0.2306	0.1754	0.3726	-0.1728	-0.1184	0.1604
PY00911	-0.6136	-0.3555	-0.2407	0.1012	0.0598	0.2865	0.1153	0.7065	-0.6245	0.1116	0.2707	-0.4823
PY06602	-0.6966	-0.1941	-0.2992	-0.3019	0.3521	-0.2824	-0.3625	-0.1443	-0.1506	-0.4654	-0.0178	-0.3191
PY03760	-0.1639	0.0426	0.3082	0.8029	0.2619	0.0352	0.1506	0.3274	0.4079	-0.4034	0.6022	-0.1629
PY05587	-1.678	-0.4202	-0.1155	-0.3785	-0.1604	-0.3876	-0.0856	0.1459	0.1576	-0.4359	0.3053	-0.4544
PY07088	0.3788	0.3624	0.1189	-0.5021	-0.44	-0.1287	-0.0785	-0.4877	0.1091	0.0509	-0.3009	-0.1603
PY00721	-0.5118	-0.0787	-0.1903	0.3485	0.0251	0.0884	0.0704	0.4158	0.0842	0.1511	0.3935	-0.2419
PY00196	0.4787	-0.0727	-0.2367	0.6298	0.5426	0.0012	-0.1	0.2297	0.0673	0.6546	0.5896	0.217
PY01632	-0.167	-0.2503	-0.3211	0.4138	0.1035	0.689	-0.2475	0.0516	0.0182	0.2419	0.2818	0.5273
PY02454	0.2569	0.0788	-0.4172	-0.0637	-0.4522	-0.201	-0.4145	-0.4785	-0.2858	-0.5057	-0.2785	-0.6321
PY03477	-0.5643	-0.1814	-0.0423	-0.2216	-0.1658	0.1546	-0.0667	0.332	0.1556	0.1645	0.3508	-0.2353
PY06072	-0.4139	-0.1781	-0.1225	-0.8251	-0.1837	-0.0069	-0.085	-0.2553	0.2958	-0.2541	-0.149	-0.0271
PY06698	0.0572	0.0632	0.0044	-0.0463	-0.152	-0.0005	-0.2284	0.0247	0.1169	-0.128	0.1599	0.0589
PY06928	0.0694	-0.0628	0.0515	-0.0452	-0.0606	0.3397	0.2797	0.0369	0.0739	-0.0543	-0.1421	0.0699
PY01154	-0.0165	-0.3821	0.0002	0.0507	0.3036	0.3155	0.1602	0.0694	-0.0792	0.2369	0.1032	0.0078
PY03575	-0.5239	-0.4912	-0.078	0.7863	0.9906	0.8753	0.1718	0.5301	-0.0394	0.8213	1.0279	0.0142
PY06597	-0.5066	-0.3535	-0.0868	0.0601	0.0963	0.1499	0.1715	0.7427	0.2048	-0.2359	0.1307	-0.4811
PY07617	0.8597	0.5429	-0.0373	-0.7662	0.1192	-0.3069	-0.0818	-0.4818	-0.0718	-0.8351	-0.2467	-0.8602
PY01063	-0.0557	-0.1276	-0.3989	0.1168	0.136	0.2486	0.0128	-0.0059	-0.4084	-0.1584	-0.4615	-0.0854
PY01669	0.5186	0.1359	0.1461	-0.0419	0.0474	0.0679	0.0287	-0.197	-0.2576	-0.0865	-0.0849	0.1574
PY02649	-0.7573	-0.0407	0.0723	0.0963	0.1884	0.0775	-0.1206	-0.0951	-0.1108	0.1171	0.2883	-0.2394
PY05293	-0.0476	-0.22	-0.3029	-0.3814	0.3465	-0.1398	0.1678	0.0774	0.0706	0.0906	0.5655	0.6234
PY05239	0.8247	0.3347	0.5743	1.2403	0.0253	0.1709	0.4817	0.1214	0.3363	0.1197	-0.1397	0.5589
PY04386	1.056	0.6295	0.8294	0.1641	-0.3154	0.0006	0.4321	-0.3638	0.3388	0.0773	-0.6884	0.7303
PY01728	0.038	-0.1512	0.0612	0.09	0.1736	-0.1486	0.2224	-0.1147	-0.12	-1.0295	-0.2945	-0.0992
PY01208	0.6786	0.5611	0.6732	0.0885	-0.0716	0.1998	0.3883	0.2914	0.2755	-0.1707	-0.2374	-0.2657
PY00678	0.7087	-0.1366	-0.2303	0.5297	0.1619	0.1676	-0.2421	0.215	-0.0484	0.7081	0.1075	0.0547
PY01666	0.5342	0.3776	-0.2829	-0.3256	-0.379	0.0563	0.1303	-0.0934	0.2024	0.1595	0.0271	0.0271
PY01471	0.0339	-0.0522	-0.0795	-0.1771	-0.2135	-0.2329	-0.0456	-0.0929	-0.0958	0.2232	0.3919	0.0473
PY04072	-0.1079	-0.2557	0.1162	0.3071	-0.048	-0.1147	0.0284	0.0748	0.1568	0.4453	0.1228	0.1849
PY02686	-0.628	-0.1496	-0.3329	-0.4307	0.4871	-0.06	-0.1331	0.2094	0.0923	0.1743	0.7968	0.2496
PY00926	-0.1027	-0.0298	0.1406	-0.6411	-0.5335	-0.1719	0.1132	-0.222	0.2014	-0.095	-0.3154	0.2718
PY01753	-0.8355	-0.1773	-0.4282	-0.517	-0.2038	-0.1884	0.0083	0.6678	0.5532	0.3247	1.0154	-0.2717
PY05570	0.2028	0.1748	0.0472	0.7769	0.4223	0.0151	-0.0981	-0.2422	0.1354	0.2191	0.4715	0.2919
PY02642	0.1964	0.2831	0.2174	0.3939	0.1726	0.2567	0.0742	0.1789	0.0998	0.5717	0.1873	-0.0326
PY04975	0.4788	0.1914	-0.3804	-1.3558	-0.2708	-0.15	-0.0307	-0.1252	-0.5258	-0.7515	-0.3545	-0.7383
PY05054	-0.2705	-0.057	0.4656	0.4704	0.1609	-0.057	0.1829	0.261	0.5004	-0.0339	0.1241	-0.0863
PY02412	0.0107	0.115	0.0558	0.5682	0.3322	0.0585	0.0453	0.2963	-0.2718	0.4665	0.3165	0.0859
PY04502	-0.4047	-0.5089	-0.8477	-0.404	-0.4293	-0.4254	-0.1572	0.2179	0.37	0.4077	0.2685	0.6736
PY04191	0.1998	0.1367	-0.0354	-0.1604	-0.0098	0.0899	-0.2106	-0.7964	-0.3441	-0.4414	-0.3985	-0.1944
PY01833	0.1221	-0.2032	-0.0148	0.2458	0.2275	0.0157	0.1593	0.0962	0.1362	0.4236	0.4294	0.4
PY02487	0.6934	0.1415	-0.074	0.5748	-0.1589	0.1801	-0.1159	-0.0693	-0.2412	-0.2592	-0.8196	-0.126
PY02644	1.0766	0.4132	0.3228	0.3255	-0.0197	0.3727	0.2944	-0.2134	0.1108	0.1533	-0.5916	-0.158
PY05030	-1.3802	-0.8301	-0.8309	-0.3816	-0.4146	-0.4618	-0.0959	0.5587	0.2214	0.0054	0.7801	-0.3718
PY05551	0.0423	-0.3353	-0.2333	-0.1157	-0.2549	-0.6207	-0.3739	-0.6095	-0.3395	-0.6751	-0.6201	-0.1825

PY05743	0.1803	0.0361	-0.0481	-0.7655	-0.3639	0.1198	0.215	-0.6294	-1.1877	-0.4795	-0.9688	-0.7806
PY00408	-1.1816	-0.2079	0.0445	-0.5318	-0.8571	-0.3861	-0.1571	0.016	0.4818	0.2323	0.73	0.1391
PY04331	-0.178	-0.136	-0.1397	-0.5723	-0.1826	-0.0476	0.0176	-0.3204	-1.1741	-0.7535	0.1487	-0.5592
PY05879	-0.0292	-0.0849	0.181	-0.464	-0.347	-0.177	-0.1914	0.0425	-0.0694	-0.0833	-0.0143	0.1748
PY06345	-0.6947	-0.4113	-0.2627	-0.3404	-0.5449	-0.6301	-0.2849	-0.0275	0.0456	-0.4541	-0.078	-0.0349
PY05630	0.5632	0.1209	-0.6316	0.2688	0.5811	0.3519	-0.0919	-0.0441	-0.2717	0.0049	-0.251	-0.5987
PY00787	-0.7115	-0.7344	-0.6283	0.1339	0.383	-0.2878	-0.4486	-0.2054	-0.5481	0.1032	0.0709	-0.3934
PY00986	0.6319	0.2273	0.6334	0.4437	-0.0369	0.0018	-0.3195	-0.4644	-0.341	-0.0826	-0.6158	-0.3122
PY01870	-0.3137	-0.0617	0.3058	0.2504	0.1079	-0.0754	-0.1172	-0.0815	-0.0545	0.1255	0.2537	-0.2206
PY06664	0.3426	0.3334	0.5983	0.0217	-0.007	-0.0412	0.0794	-0.3991	0.0095	-0.0436	-0.6541	-0.0176
PY05890	-0.32	-0.4355	-0.1747	0.4846	0.2934	0.1826	0.1288	0.0862	-0.0701	-0.0517	0.3412	0.1488
PY04119	0.3961	0.15	0.3274	0.2256	0.1177	0.0678	0.0717	-0.0116	0.0827	-0.1486	-0.1372	0.3333
PY04719	-0.113	-0.0216	-0.4128	-0.6786	-0.2283	-0.3526	-0.082	-0.01	-0.0349	0.1431	0.2667	-0.012
PY06450	0.3271	0.3394	0.1763	-0.1327	-0.2788	0.4592	0.3011	-0.0166	0.3573	-0.0324	-0.6995	0.3699
PY02633	0.7388	0.4581	0.6196	-0.2312	-0.2347	-0.3752	0.3047	0.0487	0.322	-0.4253	-0.2851	0.7542
PY05590	0.8759	0.2053	0.5231	-0.0154	-0.06	-0.3627	-0.4139	-0.6367	-0.1675	0.1002	-0.3486	-0.0163
PY06791	0.2266	0.0669	-0.2228	-0.9024	-0.1292	0.56	0.1681	-0.403	-0.1793	-0.5252	-0.5334	-0.098
PY07079	0.3027	0.2342	-0.0278	1.5397	0.6304	0.2508	0.1627	-0.0865	0.1072	0.2394	0.406	0.0462
PY01857	-0.5683	-0.6483	-0.5739	0.5856	0.6618	0.1435	-0.0612	0.0667	-0.4028	0.8903	0.2033	-0.2007
PY06550	0.1213	0.3489	-0.1053	0.5976	-0.2728	-0.0261	-0.0029	-0.065	0.1104	-0.3464	0.2124	-0.2258
PY02746	-0.5735	-0.2299	-0.1955	-0.2296	-0.0443	-0.0584	-0.1857	0.3945	0.0042	0.1558	0.4638	-0.0512
PY04523	0.152	-0.0842	-0.3576	-0.1839	-0.1155	-0.1169	-0.0221	-0.0007	-0.4726	-0.1218	-0.0751	-0.3777
PY00378	-1.2519	-0.4457	-0.1414	-1.0882	-0.9249	-0.4283	-0.3879	0.1733	0	-0.1309	0.4235	-0.304
PY05557	0.0819	0.41	-0.3927	-0.3124	-0.3391	-0.2841	-0.0025	-0.0598	0.2403	0.2513	0.3746	-0.3894
PY04672	0.1298	0.2879	0.2099	-2.0915	-1.3216	-0.1209	0.1455	-0.8662	0.1719	-1.0248	-1.1272	0.225
PY03745	0.283	0.178	0.2967	-0.4555	-0.1106	0.0163	0.2233	-0.1453	0.2605	0.0795	-0.1645	0.1939
PY02001	0.0083	-0.2059	-0.1503	0.9331	0.638	0.3677	0.0595	0.1924	0.1701	0.7777	0.2596	0.1333
PY04193	-0.1426	-0.1049	0.0192	0.0307	-0.0374	-0.0755	-0.0702	-0.1746	-0.1379	-0.3047	-0.2973	-0.3015
PY00747	0.109	-0.2261	-0.8218	-0.0432	0.4156	0.0357	-0.0533	-0.076	-0.2561	-0.385	-0.5167	-0.0867
PY02008	-0.2353	-0.3525	0.2874	-0.0858	-0.2767	-0.458	-0.2947	-0.289	0.2521	-0.1873	0.0707	0.039
PY04433	1.1324	1.0475	1.0229	0.1885	-0.5599	0.176	0.4128	-0.3407	0.3877	-0.5185	-1.3636	-0.0314
PY04366	0.0553	-0.5618	-0.2598	-0.1091	-0.1003	-0.1157	-0.1613	0.1045	-0.029	0.3084	0.3938	0.1302
PY04591	-0.086	-0.1537	-0.1122	-0.6298	-0.1223	0.0086	-0.0439	-0.2953	-0.1859	0.0458	-0.3163	0.007
PY01353	-0.4592	-0.7369	-0.8731	-0.1778	-0.3104	-0.0735	0.1816	0.3913	0.4059	0.719	0.1977	0.5501
PY04531	0.356	0.2218	0.1147	-0.2875	0.1703	0.285	0.1112	-0.1666	-0.0403	-0.3279	-0.1255	-0.0645
PY06011	0.249	-0.013	-0.2725	0.1747	0.2558	0.1542	-0.0551	-0.2454	-0.1251	-0.2753	-0.7652	-0.2881
PY00475	-0.4972	0.1458	-0.0779	-0.7747	-0.43	-0.4028	-0.312	0.0021	-0.1053	-0.1059	0.6282	-0.484
PY03491	0.3392	-0.0109	0.3215	-0.348	-0.2737	-0.0014	0.1777	0.0535	0.2552	0.1328	-0.3404	0.3978
PY01737	-0.0404	0.3363	0.2166	0.1427	0.0766	0.3154	0.3274	0.033	-0.0394	-0.1034	0.4219	0.001
PY01655	-0.1605	0.0608	0.0981	0.3844	0.0367	-0.0269	-0.1143	0.0777	-0.0839	-0.0744	-0.127	0.1372
PY05685	0.7932	0.4031	-0.0941	-0.2896	-0.7551	-0.0825	0.2222	0.2396	0.7563	0.139	-0.1653	-0.2398
PY01164	-0.0482	-0.0871	-0.2929	0.5918	0.0297	0.1496	0.0464	0.4724	0.0592	-0.1372	-0.0151	-0.1755
PY02992	0.5014	0.348	0.2597	-0.2273	-0.3387	-0.0152	0.1176	-0.0911	0.1134	-0.3341	-0.5612	0.3101
PY06750	1.0017	0.3317	-0.6758	-0.5633	-0.2992	-0.5583	-0.3184	-0.2836	-1.0858	-0.8684	-0.0486	-0.655
PY00162	0.996	0.439	0.4159	-0.138	-0.5312	-0.4157	-0.129	-0.283	-0.0398	-0.107	-0.6249	0.0351
PY06945	0.4882	0.115	0.0766	-0.0363	0.1137	-0.0164	-0.1318	-0.1698	-0.0572	-0.3851	-0.2148	-0.0421
PY03531	-0.1305	0.1069	0.3725	0.3874	0.2596	0.241	0.1012	-0.147	-0.1129	-0.0189	-0.4405	-0.1231
PY06027	-0.218	-0.0937	0.2513	0.1286	-0.9091	-0.1084	-0.0479	0.0085	0.1823	-0.8826	0.9668	0.0228
PY04471	-0.3408	-0.4821	-0.1059	-0.407	-0.2751	0.0709	-0.3043	0.0295	0.5886	-0.2621	0.1677	0.3702
PY05397	-0.5728	-0.3678	0.0239	-0.167	-0.2924	0.0252	0.1381	0.2762	0.4953	0.5714	0.5448	0.3304
PY04411	-0.1713	-0.0824	0.0545	-0.2723	0.3355	-0.1635	-0.0561	-0.2418	0.2095	0.0981	0.1742	0.1174
PY03934	-0.3486	0.3239	0.0222	0.4722	0.2412	-0.116	0.1959	-0.1965	0.0668	0.2165	0.7149	-0.0786
PY07337	0.0598	0.0804	0.2635	0.2373	0.2444	-0.1508	-0.1882	-0.3232	0.1462	-0.074	-0.0431	-0.1069
PY05229	0.0249	-0.1949	-0.0025	0.4541	0.2156	-0.1966	-0.1282	-0.0598	-0.3531	0.0991	0.2141	0.2255
PY06430	-0.066	-0.272	0.0654	-1.075	-0.0951	-0.0879	0.0051	-0.5324	-0.0325	-0.4671	-0.5755	0.2093
PY04830	0.6608	0.1566	0.1675	0.5094	0.1344	-0.1496	0.0173	-0.0439	0.0167	0.5148	-0.1699	0.3095
PY00028	-1.2183	-0.6003	-0.3398	-0.022	-0.8547	0.0096	0.0195	0.401	0.1918	-0.1631	0.2103	-0.6453
PY01543	0.4286	0.4424	0.3939	-0.8858	-0.5523	-0.2378	0.2871	-0.3923	0.1425	-0.4796	-0.2575	0.4084
PY07463	1.2944	0.6729	1.0003	0.0915	-0.6884	0.2637	0.3335	-0.226	0.3024	-0.2092	-0.9018	0.382
PY02822	-0.2518	0.3177	0.2534	0.032	-0.2121	-0.3201	-0.0207	-0.0343	0.1492	0.3246	0.4546	0.0638
PY06329	0.2952	0.079	0.6545	0.3734	0.4695	0.3771	0.573	-0.0249	0.1874	0.3244	-0.3068	0.3062
PY01647	0.5305	0.187	0.0582	0.0798	0.0915	-0.0961	0.0934	-0.1618	-0.0025	0.0727	-0.2057	0.0436
PY00102	0.2623	-0.1727	-0.0812	0.1169	0.2152	0.2681	0.0419	-0.0324	-0.1239	0.2091	-0.1862	0.4244

PY00818	-1.2823	-0.1711	0.0425	-1.0065	-0.9043	-0.3551	-0.1839	0.4037	0.1504	-0.3855	0.5131	-0.6011
PY04484	0.1705	-0.029	0.0204	-0.0598	0.0136	-0.2149	-0.1278	-0.0644	-0.0701	-0.3189	-0.4843	-0.1042
PY02413	0.5059	0.2369	0.2521	0.4816	-0.0505	0.098	0.2074	0.0322	0.1551	-0.3445	-0.1403	0.4729
PY04856	0.155	-0.0515	-0.2159	-1.0153	-0.1161	-0.0352	-0.0245	-0.1379	-0.4029	-0.1885	-0.1978	-0.3373
PY02897	-0.5257	0.0143	0.3359	-0.3639	-0.3618	0.0585	0.1348	0.1122	0.0873	0.0554	-0.0245	-0.0191
PY04217	0.507	0.3221	0.5786	0.5604	-0.2746	-0.0367	0.2013	-0.116	0.0977	-0.3601	-0.3079	-0.1338
PY01122	0.2198	-0.0026	0.0117	0.2952	-0.0528	0.1851	0.3097	0.0691	0.0488	0.1926	-0.4142	0.473
PY01518	-0.8863	-0.4021	-0.1568	-0.2117	0.6248	0.392	0.4612	0.1801	0.202	0.0663	0.3355	0.119
PY02477	0.3483	0.2559	0.2585	-0.2924	-0.2274	-0.0346	0.4064	0.0656	0.1087	-0.2829	-0.3504	0.4266
PY04800	0.5197	0.2535	0.4207	0.2918	-0.1089	-0.045	0.534	0.0308	0.4909	-0.0859	-0.0317	0.4429
PY05389	-0.2401	0.1051	0.8077	-0.5543	-0.4114	-0.0221	0.0203	-0.0797	0.4075	-0.5471	-0.0037	-0.0137
PY03213	-0.4843	-0.4951	-0.798	1.3319	0.9751	-0.0433	-0.0165	0.5669	-0.0855	0.9122	0.9888	0.2374
PY00704	1.2031	0.7287	0.6983	1.1083	-0.2601	0.3076	0.5263	-0.1857	0.0473	0.0978	-0.8774	0.3651
PY05204	0.0318	0.2573	0.2241	0.3775	0.744	-0.2384	0.0288	-0.0668	-0.05	-0.7368	-0.1043	-0.3587
PY00732	-0.6569	-0.3983	-0.2212	0.2286	-0.2935	-0.4114	-0.4042	-0.1939	-0.5805	0.1138	0.2122	-0.3166
PY05334	-0.1104	0.0187	0.0336	0.2407	0.145	0.127	0.0474	0.0533	0.4653	0.1755	0.9203	0.5794
PY06565	0.1523	-0.15	-0.4125	0.5875	0.8454	0.0988	0.1524	-0.1369	-0.1977	0.5349	0.6733	0.4018
PY02882	0.1896	0.159	0.2957	0.0925	0.3495	0.0079	-0.0691	-0.1275	-0.2957	-0.1004	0.2968	0.0642
PY06325	-0.1336	0.1813	-0.0258	-0.3036	-0.4837	0.3178	0.2888	-0.152	0.0577	-1.0301	-0.559	-0.3326
PY03502	-0.5082	-0.1443	-0.1878	-0.3392	-0.0099	-0.3715	-0.1947	0.1473	-0.0185	0.2702	0.4382	0.061
PY00231	-0.8941	0.0712	0.0751	-0.2245	-0.2379	-0.4526	-0.3007	0.0611	-0.1273	-0.332	0.4983	-0.5794
PY00357	0.1077	0.0131	-0.0808	0.2252	-0.0163	0.2332	0.171	0.2098	0.1418	0.1434	-0.225	-0.0869
PY05626	0.146	-0.0468	-0.2014	-0.3189	-0.0279	-0.1024	0.037	-0.0917	-0.041	-0.4394	-0.1504	-0.224
PY05359	0.5064	0.167	0.026	0.028	0.3007	-0.0524	-0.0576	-0.0005	-0.3303	-0.1873	0.1893	0.0065
PY01214	0.5138	0.1335	0.3305	0.3666	0.0783	0.143	0.0308	-0.0529	-0.1685	0.0191	-0.4398	0.1735
PY07364	-0.6413	-0.1394	-0.1134	-0.6958	-0.0476	0.1196	-0.0249	0.1215	-0.1075	-0.3052	0.2418	-0.5259
PY04599	0.6569	0.3556	-0.692	0.3036	0.0703	0.1035	0.3204	0.2312	-0.0097	0.5652	-0.2585	-0.2581
PY02152	-0.6493	-0.1292	0.1913	-0.3203	0.5088	0.0716	-0.2389	0.06	-0.2415	0.059	0.1772	-0.2799
PY04001	0.5431	-0.2846	-0.7074	0.4541	0.8807	-0.0764	-0.3832	-0.2459	-0.4539	-0.2402	-0.4966	-0.4548
PY03873	-0.1305	-0.195	0.1677	0.3713	-0.0237	-0.0036	-0.213	0.1311	-0.1355	0.25	0.0191	-0.2717
PY02302	-0.446	-0.1459	-0.1718	-0.3857	-0.118	-0.2508	-0.1045	-0.056	-0.0258	-0.6466	-0.1683	0.2508
PY01846	0.3894	-0.0469	0.342	-0.3767	-0.4176	-0.0091	0.0474	0.0414	0.3123	0.709	-0.2211	0.559
PY04885	0.3313	0.3434	0.2144	0.9478	0.8595	1.1986	-0.0301	0.7037	0.1511	0.7517	0.6889	0.085
PY02286	-0.309	-0.2806	-0.0887	-0.2297	0.4137	0.2114	-0.0417	-0.1415	-0.1419	-0.3136	0.2516	-0.0285
PY04454	-0.2622	-0.0403	-0.0372	0.0627	-0.3725	-0.1579	-0.0112	0.4286	0.1862	0.2752	0.0594	0.1799
PY02971	0.1815	0.0995	0.0447	-0.5928	0.1196	-0.1468	-0.0897	-0.1821	-0.0284	-0.3844	-0.2091	-0.256
PY05047	-0.6795	-0.833	-0.508	-0.3953	0.0134	-0.166	-0.0937	0.0949	0.2649	0.0661	0.5746	-0.1178
PY06844	-0.0185	0.0769	0.0833	0.2991	0.4755	-0.0137	-0.0511	0.1721	-0.2596	0.1453	0.1423	0.0822
PY07540	0.0909	0.015	0.2498	0.0791	-0.4704	-0.1919	0.6015	0.3401	0.8363	0.0685	-0.4023	0.8496
PY04432	-0.1402	0.0442	0.3354	0.2379	-0.3971	0.0037	0.0014	0.1881	0.2122	0.2216	-0.1512	-0.0729
PY05821	0.0425	0.0024	-0.0196	0.2252	0.4734	0.2251	0.062	0.0306	0.3585	0.4685	0.5094	0.3632
PY02404	-0.487	-0.3144	-0.3601	-0.6071	-0.2349	-0.2294	0.0363	0.3674	0.2419	0.2622	0.5045	0.0784
PY03131	0.3336	0.1541	0.0934	-0.3958	-0.2013	0.1458	0.084	-0.1765	0.2278	-0.1392	-0.5347	0.213
PY01523	0.1145	0.0176	-0.0107	-0.3971	0.2898	0.2188	0.251	-0.027	0.0123	-0.1522	0.0082	-0.1056
PY06249	1.8503	1.5823	1.0401	-0.0825	-0.1819	-0.5086	0.3894	-0.1806	0.099	-0.0422	-0.4725	-0.0681
PY04703	-0.799	-0.4157	-0.1589	-0.3884	-0.0638	0.1307	-0.0761	0.2305	-0.2288	0.0084	0.6955	0.0712
PY07498	-0.3307	-0.1127	-0.1513	-0.3874	0.0869	-0.3248	-0.1027	-0.1466	-0.1373	-0.1917	0.1603	0.2179
PY03177	0.2393	-0.2368	-0.1765	0.5154	0.215	-0.2536	-0.119	-0.0782	0.0178	0.1453	0.1811	0.1112
PY02149	-0.6191	-0.3686	-0.3009	-0.4851	0.1047	-0.075	0.0639	-0.4737	-0.2615	-0.4831	-0.1044	-0.2863
PY00258	-0.1469	-0.0508	0.047	1.2926	-0.4935	-0.4614	-0.1657	-0.0557	0.1489	-0.4155	0.051	-0.4874
PY06073	0.1853	0.2376	0.0908	-0.0738	0.1066	0.1317	-0.0222	-0.1955	-0.1285	0.0625	-0.1012	-0.0651
PY05545	0.4536	0.1047	0.2614	0.3264	0.4616	0.3433	0.1924	0.1277	0.1317	0.8896	0.0432	0.4514
PY04116	-0.2299	-0.0855	0.0071	-0.4469	-0.3454	-0.3904	-0.0217	-0.1793	0.0655	-0.0774	0.1701	0.1981
PY05814	0.2137	0.0826	0.2018	0.2942	0.0176	0.1141	-0.0606	0.1375	-0.1279	0.0233	0.1343	-0.1291
PY06704	0.8807	0.4443	0.4048	0.485	0.2817	-0.2151	0.0241	-0.4377	-0.2113	-0.2419	-0.2832	-0.0495
PY01233	0.0384	0.0443	-0.0381	1.1103	0.4375	0.0252	-0.0932	0.1985	-0.1471	0.6342	-0.0776	-0.0553
PY01182	0.0169	-0.062	-0.1827	0.2102	-0.0361	-0.2901	-0.5004	-0.1305	-0.34	-0.1077	0.2693	-0.5584
PY05663	0.019	-0.0831	-0.0802	0.0482	-0.0245	0.3445	0.2042	0.1727	0.1112	0.2838	-0.1507	-0.3955
PY05541	-0.3339	-0.2555	0.0214	-0.8109	-0.2048	-0.0503	-0.0725	-0.014	0.1733	0.0374	0.0432	0.068
PY00856	-0.1624	0.0645	-0.1087	0.0872	-0.4485	-0.4077	-0.2919	0.0337	-0.1666	-0.417	0.7314	-0.3774
PY06979	-0.084	-0.0515	-0.2154	0.4817	0.0905	-0.0823	-0.0224	0.2991	0.0437	0.3724	0.345	0.7386
PY04178	0.0404	-0.0284	-0.0396	0.1782	0.277	0.1972	0.3086	0.139	0.0582	-0.2163	-0.0724	-0.0754
PY01811	0.8241	0.5495	0.0832	0.4391	0.101	0.1057	0.0754	-0.0594	-0.0978	-0.2075	-0.2369	-0.1768

PY05642	0.1482	0.1139	0.2075	-0.1926	-0.1098	0.4278	0.1651	0.13	0.211	0.1189	-0.1858	-0.188
PY04659	0.4487	0.1301	0.1646	-0.1802	-0.1565	-0.0319	0.1542	-0.4749	-1.3815	-0.2652	-0.6091	-0.1607
PY07558	-0.5366	-0.1114	0.0942	-0.0247	-0.3999	-0.129	0.1237	-0.1442	0.2369	-0.0285	0.3096	-0.0308
PY05171	-0.4828	-0.5683	-0.6011	0.2392	0.4739	0.0885	-0.2478	0.1284	-0.1913	0.0958	0.2113	0.0155
PY05786	-0.6754	-0.1797	0.2768	-0.6252	0	0.1301	-0.182	-0.095	-0.139	-0.2893	0.1562	-0.4523
PY00503	-0.6833	-0.3395	-0.0716	-0.5433	0.3193	0.0695	-0.1269	0.0205	0.0011	-0.1379	0.2877	-0.1699
PY00889	-0.4513	-0.2518	-0.2934	0.22	-0.0127	-0.098	-0.1351	0.1575	0.3915	0.1918	0.4919	0.1381
PY02147	-0.1235	-0.2388	-0.3878	0.1263	0.0905	0.1904	0.0598	0.3964	-0.0073	0.1691	-0.0583	-0.3562
PY04016	-0.2287	0.0777	0.407	0.3148	0.3102	0.1915	-0.0031	0.0909	0.2493	0.4519	0.2657	0.0551
PY03489	0.0884	-0.0926	-0.088	0.7984	-0.1408	-0.2088	-0.3046	0.6135	0.013	0.8174	0.4866	-0.3523
PY05037	-0.9559	-0.128	0.2846	0.7452	-0.3909	-0.4103	0.0042	0.4174	0.3694	-0.0507	0.8603	-0.2014
PY06708	0.2534	-0.0881	-0.217	-0.1992	0.0778	0.1638	0.0339	0.0917	-0.0169	0.1836	0.1113	-0.1116
PY00460	0.7294	0.3133	-0.0316	-0.0705	-0.177	-0.1888	-0.1854	-0.4821	-0.4321	-0.705	-0.6156	-0.273
PY05255	-0.7782	-0.0639	0.2819	1.307	-0.1533	-0.1237	0.0386	0.3042	0.0533	0.2292	0.3228	-0.152
PY04636	-0.0357	-0.0186	0.3202	-0.4099	0.3654	0.1451	-0.0487	0.0551	0.4163	-0.3732	-0.2355	0.2944
PY04689	-0.4544	-0.01	0.0611	-0.0962	0.0932	-0.0548	-0.0839	-0.155	0.0955	0.2341	0.3764	0.1688
PY02984	-0.2732	-0.0288	-0.3482	0.2548	0.8312	0.2258	-0.0128	0.2601	0.0345	0.4174	0.3389	0.0822
PY07111	-0.5011	-0.2519	-0.3429	-0.4185	0.2592	0.0688	-0.0953	-0.0808	-0.1749	-0.324	0.0656	-0.3756
PY04371	0.3788	-0.0013	0.1175	-0.2696	-0.0118	-0.0429	-0.0405	-0.1122	-0.0853	-0.7015	0.0307	0.1728
PY02237	0.2377	-0.0903	0.0628	0.0785	0.2037	-0.0552	-0.1545	-0.102	-0.009	0.1064	-0.045	-0.0274
PY03784	0.8673	0.3911	0.7693	0.251	0.0913	0.1159	0.3975	-0.0504	0.2049	0.0562	-0.1009	0.3
PY04652	-0.4719	-1.2101	-1.6353	0.7572	0.6865	-0.0586	-0.4888	0	-0.2318	0.0586	0	0.0505
PY04488	-0.4197	-0.0868	0.1308	-0.2501	-0.1434	0.0952	-0.0375	0.0414	0.0389	-0.1925	0.0442	-0.053
PY06925	-0.5611	-0.2956	-0.3466	-0.3646	-0.0093	0.0152	-0.1086	-0.0517	0.1582	0.1625	0.1955	0.1738
PY04838	0.5264	0.103	0.1165	0.414	0.5193	0.2072	-0.0529	-0.0122	-0.2713	0.1742	0.3329	-0.1168
PY01129	0.3603	0.2556	-0.1088	-0.025	0.3064	0.1439	0.2222	0.3337	0.0393	0.0562	0.4589	-0.0546
PY07431	-0.1909	-0.0348	-0.1692	-0.1031	0.0922	-0.5812	-0.3178	-0.3793	-0.2301	-0.1889	0.0016	-0.3452
PY03993	-0.2151	0.0464	-0.3345	0.0609	-0.0683	-0.2153	-0.2917	-0.028	0.2164	-0.1972	0.1223	-0.338
PY00262	-0.3476	-0.4846	-0.3764	1.3017	0.2354	-0.0561	-0.0556	0.438	-0.1826	0.4339	0.7602	0.1714
PY06746	0.2308	0.2375	0.1657	-0.1334	0.3762	0.0139	0.2519	0.2603	0.0549	-0.0704	0.4139	0.2753
PY06217	-0.9152	-0.3714	-0.4532	-0.6098	-0.3251	-0.3702	-0.0585	0.3068	0.0735	0.1718	0.8136	-0.2852
PY07239	0.3052	0.3764	0.2557	0.3929	0.8802	0.5392	0.4217	0.4815	0.1613	0.5498	1.1154	0.4847
PY03867	0.5205	0.4197	0.5639	-0.5654	-0.2761	-0.0588	0.5195	-0.2396	0.5834	-0.1963	-0.4255	0.5884
PY07441	-0.0106	-0.1249	-0.0719	-0.1457	0.1765	-0.1215	0.0656	-0.1308	0.2	-0.408	0.2843	-0.2847
PY00300	0.0276	-0.0636	-0.1015	-0.2805	0.2278	0.1327	0.1786	-0.0292	-0.0569	-0.2047	0.0826	0.1187
PY00841	0.0569	0.117	0.0647	-0.5664	-0.2232	0.1187	-0.0464	-0.1514	-0.1026	-0.1475	-0.2925	0.201
PY03979	-0.4014	-0.0506	-0.0266	-0.4758	0.2567	0.0338	-0.1091	-0.1643	-1.2574	-0.2295	0.0949	-0.155
PY05966	-0.0741	-0.1686	0.4139	-0.1415	-0.0173	-0.4259	0.0405	0.0446	0.088	0.0243	0.0769	-0.1348
PY03912	0.0924	0.0278	0.0767	0.272	0.3326	0.1467	-0.2846	-0.4709	-0.3078	-0.2979	-0.4991	-0.2319
PY02473	0.0869	-0.0216	-0.0734	0.0634	0.2831	0.001	-0.3415	-0.4015	-0.424	-0.1145	0.0739	-0.3582
PY00044	-0.6897	-0.3741	-0.1414	-0.2716	-0.1963	-0.5503	-0.384	-0.111	-0.5348	0.1663	0.0862	-0.252
PY02579	-0.0954	-0.1084	-0.1915	-0.4271	-0.4762	0.0783	-0.0407	-0.3015	-0.3602	-0.241	-0.217	-0.1946
PY02179	0.2136	-0.0472	0.1524	-0.0921	-0.0463	-0.1907	0.1345	-0.3245	-0.2121	-1.8117	-0.1598	-0.0458
PY02537	0.0613	-0.0607	-0.2099	0.2483	-0.097	-0.1184	0.0584	-0.1068	-0.129	-0.0691	0.1348	-0.3428
PY02922	-0.103	0.2627	0.0588	0.0047	0.1059	-0.2123	-0.1394	0.0785	0.139	-0.1333	0.0756	-0.3158
PY04743	-0.0823	-0.2157	-0.3059	0.2846	-0.1791	-0.1442	0.0375	0.1089	-0.006	0.1342	-0.1009	0.5635
PY03155	0.2351	0.0751	0.5267	-0.4329	-0.1894	0.3641	0.3584	-0.1322	0.2162	-0.2003	-0.461	0.096
PY06887	0.1652	-0.1166	-0.0241	0.0877	0.1121	-0.1899	-0.1843	0.0737	0.0082	-0.1538	-0.0349	-0.198
PY00949	-0.6632	-0.3757	-0.002	0.556	0.2154	-0.0331	-0.1444	-0.1128	-0.2926	0.0414	0.0458	-0.1548
PY07037	-0.0841	0.1234	-0.0615	0.116	0.0459	0.1721	0.1441	0.3039	0.1077	0.1399	0.1324	-0.068
PY03526	-0.4883	-0.6104	-0.4753	0.2938	0.0086	0.1404	-0.0951	0.2243	-0.0396	-0.3334	0.2137	0.4325
PY03706	0.2409	0.0566	-0.6397	0.2957	0.4351	0.2139	0.0393	0.0889	-0.2712	0.1361	0.1256	-0.1391
PY03728	0.2719	0.2258	0.2078	-0.1119	0.0186	0.32	0.3518	0.1504	0.0171	-0.3417	-0.3473	-0.0623
PY01743	0.4517	0.2036	0.1517	0.0833	-0.1585	-0.0505	0.2399	0.0262	0.2548	-0.132	-0.4911	0.2314
PY05666	-0.4317	-0.0602	-0.1794	-0.4015	-0.0842	0.1832	0.1265	0.2385	0.1175	-0.1033	-0.2355	0.2221
PY05079	-1.7899	-0.5443	-0.7426	-1.0453	-0.3837	-0.7302	-0.4716	0.2363	0.1368	-0.602	0.3365	-0.2798
PY04864	0.0854	0.0652	0.0448	-0.1604	-0.1813	-0.4625	0.0983	-0.0468	0.2152	0.128	-0.1298	0.4293
PY02194	0.1493	-0.0716	-0.022	0.0381	0.0979	-0.2551	-0.0414	0.1712	0.0002	0.1524	0.0644	0.1527
PY02725	0.6743	0.0539	0.4012	0.405	0.1835	0.0657	-0.1011	-0.3246	0.0745	-0.0153	-0.7682	0.0049
PY07598	0.8547	0.4638	0.8107	0.6034	-0.2375	-0.019	0.112	-0.2591	0.3629	0.1776	-0.3045	0.2746
PY05802	-0.2036	-0.1131	-0.254	0.2499	0.7526	0.2493	-0.0796	0.2069	-0.2118	0.2669	0.0488	0.2396
PY05417	0.3052	0.0847	0.3534	-0.0732	-0.2005	0.0664	-0.1653	-0.1514	0.1281	-0.1121	-0.4055	0.0424
PY05790	0.1974	0.2334	0.2742	-0.0756	-0.1818	-0.0415	0.1992	-0.1838	-0.0915	-0.1291	-0.062	0.1044

PY00521	-0.6415	-0.2008	-0.0843	0.0643	0.2166	-0.0602	0.1915	0.3781	0.4155	0.5477	1.1532	0.4138
PY02801	0.293	0.2339	-0.0344	-0.5216	-0.2911	-0.1617	0.1508	0.1899	0.4458	-0.3867	-0.0133	0.4046
PY05140	0.1618	-0.0723	0.0252	0.1257	-0.0595	-0.0851	0.0062	-0.1182	0.0459	0.1597	0.0826	0.2485
PY02727	0.5385	0.2951	0.4002	0.5116	0.3435	-0.0319	0.0636	0.0532	0.14	0.4919	-0.6639	-0.0938
PY01960	-0.0985	-0.0721	-0.3321	0.2974	0.5054	0.227	0.1203	-0.1259	-0.0643	0.0027	0.1389	0.1107
PY05091	-0.0787	-0.3179	-0.032	0.8402	-0.0354	-0.2493	-0.3047	0.1953	0.1459	-0.0264	-0.1228	0.3706
PY02053	-0.7133	-0.7286	-0.5666	-0.0124	-0.4622	-0.0638	0.1208	0.8221	0.4914	0.6334	0.8794	0.2749
PY05905	0.5168	-0.0088	-0.1556	0.0291	0.1424	0.0007	-0.138	-0.2755	-0.1301	-0.2862	-0.2873	0.0555
PY06144	-0.0515	-0.1101	0.0507	-0.8313	-0.3328	-0.1234	0.0546	-0.634	0.3077	-0.5569	-0.3678	0.1456
PY07101	0.8275	0.272	-0.0108	0.5871	0.1051	0.3068	0.3486	0.1355	0.0996	0.2209	-0.1449	0.2907
PY00740	-0.1399	0.0045	0.4199	0.0497	0.0206	-0.1122	-0.3071	-0.1106	0.0015	-0.4985	0.2542	-0.3467
PY04458	-0.426	-0.3321	-0.1594	-0.3829	-0.0165	-0.1756	-0.0908	-0.1262	0.0757	-0.1999	0.0983	0.2679
PY02329	0.6206	0.378	0.2975	-0.1284	0.0165	0.1176	0.2925	-0.3391	-0.0993	-0.1881	-0.2382	0.1052
PY07222	-0.1442	-0.132	0.1039	-0.1583	0.0062	-0.0954	0.0479	0.0193	-0.2422	-0.1626	-0.1213	-0.1276
PY00809	0.2068	-0.3843	-0.5348	0.0473	0.4101	-0.0706	-0.1567	0.2227	0.2258	0.4394	0.3479	0.5445
PY05848	-0.4526	-0.191	0.0808	-0.3296	-0.3048	-0.2617	-0.2231	-0.1698	0.0897	0.0255	-0.1162	0.3582
PY06424	-0.316	0.0021	0.1547	-0.0978	0.0698	-0.1879	-0.4131	-0.3773	-0.2176	-0.2766	-0.002	-0.4055
PY05075	-1.195	-0.8517	-1.0473	-0.7345	-0.4478	-0.4971	-0.0413	0.8331	0.2868	-0.0147	0.4314	-0.0517
PY05284	0.6392	0.4194	1.0858	0.3387	-0.0816	0.1459	0.2388	-0.4306	0.0087	-0.4638	-0.8977	-0.0457
PY01033	-0.1526	0.0558	-0.3977	-1.1337	-0.7899	-0.5392	-0.1119	0.1268	0.0159	-0.3005	0.1749	-0.4756
PY02337	0.13	-0.1697	-0.2028	0.084	0.4336	0.0205	-0.107	-0.0305	-0.0559	0.1767	1.22	0.0655
PY05162	-0.0649	0.072	0.1857	-0.1057	0.0839	0.1006	0.0207	0.1055	-0.3167	-0.2531	-0.2206	-0.1028
PY00247	-0.1449	-0.1126	-0.241	-0.1678	-0.3093	0.0415	-0.1131	0.2409	0.2186	0.1529	-0.2228	-0.0567
PY04765	0.4407	0.2899	0.59	0.2865	-0.2119	0.0567	0.5534	0.0888	0.3437	0.4272	-0.3597	0.9996
PY03280	-0.8226	-0.4917	-0.4348	-0.157	0.1923	-0.1657	-0.38	-0.0281	-0.2981	0.297	0.1555	-0.099
PY05338	-0.72	0.6552	0.1507	0.1772	-0.1471	0.1015	0.0987	0.1097	0.0718	0.2366	0.7291	-0.2552
PY07152	-0.2266	0.0083	0.0962	1.2965	0.9347	1.5686	-0.0678	0.7892	0.1182	1.3427	0.6093	-0.3128
PY06037	-0.5515	-0.4628	-0.5106	-0.1655	0.4465	-0.0718	-0.1981	0.0871	-0.0471	0.1939	0.0169	-0.1186
PY02488	-0.4336	-0.1896	-0.6438	0.3655	0.5309	0.0573	-0.1465	0.1573	-0.3245	0.5673	0.6801	-0.0033
PY02453	0.2091	0.0025	-0.0487	0.4081	-0.3334	-0.1761	-0.1529	-0.3365	-0.139	-0.3344	-0.3711	0.0323
PY02766	0.1561	0.0077	0.0534	-0.1457	-0.0279	-0.2121	-0.0085	0.1237	0.0343	-0.465	-0.0223	0.1943
PY05195	-0.6022	-0.2766	0.2361	-0.147	-0.0372	-0.3673	-0.3658	0.0538	-0.2043	0.3962	0.2429	0.0872
PY07116	-0.7853	-0.222	-0.0382	0.3435	0.1886	-0.129	-0.1199	0.2045	0.1832	0.2849	0.3536	-0.3377
PY02438	-0.2639	-0.3903	-0.4196	-0.0836	0.1315	-0.0546	0.0128	-0.142	-0.257	0.7109	0.3766	0.423
PY03577	-0.2872	-0.0189	-0.5867	-0.5525	-0.2993	0.0609	0.135	0.2321	0.1157	-0.3953	0.2342	-0.2803
PY06576	0.4851	0.2166	0.163	-0.1023	0.169	-0.0303	-0.1366	-0.1888	-0.103	0.1205	0.2695	0.2479
PY07176	0.0461	0.2413	0.6294	0.0695	-0.2426	0.2325	0.6726	0.206	0.53	0.375	-0.3605	0.6473
PY04826	0.1177	-0.0317	0.1435	-0.2642	0.0399	-0.2063	0.0228	-0.6939	-0.7744	-0.5442	0.702	-0.1269
PY03899	-0.1057	-0.017	0.1336	-0.2524	0.273	0.1089	-0.1028	0.33	-0.0168	0.1857	0.4763	0.1264
PY06451	-0.7988	-0.2727	-0.3759	-0.0903	-0.1577	-0.3012	-0.2053	0.3421	0.1892	0.1395	0.3882	0.023
PY03801	-0.6606	-0.2106	-0.1647	0.0579	0.1579	-0.0066	-0.3142	-0.2636	-0.239	-0.2267	-0.0763	-0.2654
PY02707	-0.1253	-0.159	-0.435	1.1422	0.5116	0.2332	-0.0914	0.1126	-0.632	-0.3281	0.1172	0.1236
PY03652	-0.5917	-0.5586	-0.1974	-0.2667	-0.4048	-0.2797	-0.0969	0.1872	0.2354	0.2	0.1358	-0.2556
PY06106	-0.3012	-0.4288	-0.2369	-0.0328	0.3038	0.1199	0.014	0.0531	0.4367	0.2989	0.0617	0.0908
PY05836	0.5864	0.1545	0.4611	0.6256	-0.3047	-0.0549	0.3489	-0.351	0.3963	-0.3395	-0.4167	0.0143
PY04615	-0.4974	-0.3223	0.1194	-0.0964	0.4414	-0.2661	-0.1448	0.0593	-1.5637	0.1922	0.1336	-0.4402
PY06014	0.6489	0.2294	-0.0557	0.1753	0.0039	-0.2035	-0.0183	-0.1348	-0.7302	0.0661	0.0872	0.1391
PY06332	-0.9849	-0.3568	0.1215	-1.0033	-1.2002	-0.1895	0.04	0.2529	0.645	0.0171	0.5794	0.18
PY06359	0.154	-0.0801	-0.1631	-1.1222	-0.223	-0.1956	-0.0858	-0.1272	-0.0977	-0.3805	0.0077	0.0338
PY06164	0.1692	-0.0177	0.0925	-0.2181	-0.0766	0.2716	0.1102	-0.2192	-0.1271	-0.2119	-0.5244	0.2389
PY06138	-0.945	-0.1501	-0.1882	-0.0916	-0.4033	0.0181	0.0905	0.3909	-0.1256	-0.7256	0.3158	-0.6879
PY03581	-0.5068	-0.2424	-0.2025	0.5294	0.2302	0.17	-0.1435	0.3821	0.142	0.5958	0.1261	0.2179
PY02823	-1.9878	-0.8665	-0.476	-1.7221	-1.3346	-0.5575	0.0734	0.64	0.4137	0.1079	1.0209	-0.3539
PY03332	0.673	0.4317	0.3783	-0.3931	-0.298	-0.302	-0.125	-0.3769	0.0225	-0.4118	-0.6518	-0.595
PY03985	0.2611	-0.038	-0.0269	-0.0396	0.4635	0.0783	-0.1654	-0.2482	-0.5876	-0.0326	-0.0545	-0.7117
PY03113	-0.1459	0.1107	-0.1547	-0.6497	-0.2976	-0.4028	-0.127	0.251	-0.0015	0.201	-0.1659	-0.258
PY03125	0.7309	0.2828	0.2862	0.0716	-0.0857	-0.1818	0.0049	-0.1319	0.2299	0.0938	-0.2419	0.3689
PY06380	-0.8588	-0.0223	0.4038	-0.1928	-0.0478	-0.2023	-0.183	-0.1286	0	-0.3733	0.1362	-0.4707
PY02557	-0.0914	-0.049	-0.12	0.11	0.0679	-0.2323	-0.1386	-0.2945	-0.2206	0.0214	0.0728	-0.0903
PY07492	0.0091	-0.7949	-0.5842	-0.4655	-0.021	-0.2619	-0.1954	0.0011	0.0457	0.1194	-0.1232	0.157
PY05566	0.2188	0.2397	0.2638	-0.2888	-0.3852	-0.2899	-0.139	-0.3019	-0.132	-0.3388	-0.0804	-0.1198
PY00015	-0.0675	-0.3845	-0.3446	-0.1393	-0.0328	-0.1195	0.3082	-0.243	0.2435	0.0193	0.6673	-0.267
PY07259	-0.341	-0.2381	-0.1328	0.3444	0.244	-0.2577	-0.1471	-0.3137	-0.1614	-0.0208	0.1858	0.0396

PY02445	-0.8216	-0.337	-0.3131	-0.4673	-0.7586	-0.5399	-0.315	-0.0291	-0.0244	0.3315	0.3716	-0.2079
PY00882	0.1918	0.0225	-0.1117	0.1384	0.1095	-0.1202	-0.2392	0.2689	0.3544	0.1893	-0.0556	-0.3421
PY04054	-0.0471	-0.4599	-0.2548	-0.1172	0.6524	0.0323	0.0222	-0.187	-0.2923	-0.0819	-0.0829	0.1245
PY06067	-0.1173	-0.0353	0.1044	-0.2725	-0.2051	0.2004	0.2745	0.2952	0.4717	0.1059	0.1384	0.2894
PY01812	-0.3483	-0.2893	0.0311	0.1755	0.5615	-0.2317	0.0429	0.4411	-0.0659	0.0646	0.6439	0.1726
PY02673	-0.6171	0.0386	-0.0636	-0.4592	-0.1728	-0.2406	-0.3308	0.0274	0.1449	-0.0455	0.3125	-0.1296
PY01996	0.2058	0.1195	0.2621	-0.2832	-0.4901	-0.2226	-0.1131	-0.2249	-0.2311	-0.3192	-0.2634	0.0244
PY03631	0.4979	0.4962	-0.2522	-0.159	0.0673	0.3574	0.2914	-0.1193	0.1845	0.0051	-0.2052	0.4617
PY03682	-0.8242	-0.1937	-0.2118	0.0521	0.0638	-0.4166	-0.2691	-0.2897	-0.0702	-0.4119	0.3881	-0.2311
PY02581	0.8013	0.229	0.1537	0.0592	-0.1452	-0.1129	-0.1539	-0.3341	-0.2216	-0.1018	-0.5131	-0.0492
PY03339	-0.0958	0.1895	0.2648	-0.4119	-0.3178	-0.0632	-0.1514	-0.3521	0.0897	0.0433	-0.0043	0.0764
PY01321	0.3913	0.5425	0.4649	-0.0732	0.1069	-0.0776	0.0776	-0.4559	-0.183	-0.0826	-0.2746	0.3029
PY03814	0.3709	-0.4213	-0.003	0.3186	0.153	0.0091	-0.0692	-0.1614	-0.3053	0.1574	-0.005	-0.0539
PY02006	0.0766	-0.196	-0.7154	0.2414	0.1187	0.0063	0.2051	0.3059	0.4328	0.5383	0.533	0.5059
PY00383	0.018	-0.0145	-0.2153	-0.2148	-0.1395	-0.1293	-0.0456	-0.458	0.0963	-0.3378	0.0225	0.3423
PY00657	-0.425	0.1491	0.3838	-1.0202	-0.0908	-0.0239	0.1632	-0.5736	-0.0669	-0.5223	-0.3036	0.0393
PY01377	0.3722	0.0064	-0.2161	0.04	0.2845	0.26	-0.3299	-0.0886	0.0589	0.0546	-0.1122	-0.0251
PY04035	0.6833	0.3587	0.0694	-0.4657	0.1978	0.3172	0.4897	0.3325	0.2858	-0.3546	-0.1416	0.2683
PY04757	1.3343	0.8571	1.5493	0.4965	-0.1397	-0.106	0.3514	-0.3321	0.1114	-0.5863	-1.2513	0.1572
PY05422	-1.4685	-0.2452	0.3798	-0.4917	-0.5436	-0.2521	-0.187	0.1786	0.1168	0.3236	0.8757	-0.1951
PY03242	-0.4476	0.025	0.2401	-0.7642	-0.484	-0.4392	-0.0012	-0.1445	0.1248	-0.1427	0.3623	-0.1153
PY02771	0.4377	0.0538	0.1592	0.3792	0.1296	-0.1082	-0.123	-0.1783	-0.1559	-0.0463	-0.4101	0.025
PY07197	-1.4731	-0.523	-0.0049	-0.1528	-0.1034	-0.1703	-0.001	-0.0803	0.1102	0.5063	0.5275	-0.2026
PY01858	0.5804	0.2642	-0.1871	0.7598	0.5053	0.0753	-0.0749	-0.1371	-0.1333	-0.0736	-0.3582	0.0722
PY02153	0.0492	-0.0195	-0.1873	2.2527	1.9914	1.309	0.0981	1.3508	-0.0916	1.901	1.1793	0.0207
PY06125	0.3764	0.1081	0.2675	-0.1065	-0.2017	0.142	0.2332	-0.096	0.213	-0.1077	-0.2867	-0.0047
PY03009	-0.6576	-0.1377	0.0995	0.0422	0.1405	0.2752	0.0534	0.0988	-0.1051	0.125	0.1618	-0.0833
PY03221	-0.5561	0.0767	0.4359	-0.177	-0.6333	-0.2208	0.0548	-0.0651	0.5388	0.0884	0.4127	0.0707
PY04728	0.1244	0.2745	0.3518	-0.0257	-0.1737	1.3202	-0.1801	0.004	0.1489	0.6541	0.1879	0.2803
PY00718	-0.5989	-0.4447	-0.5473	0.6272	0.0716	0.155	-0.1527	0.4812	-0.632	0.0501	0.2766	-0.1386
PY04962	-0.273	-0.1279	-0.2563	-0.4961	-0.0952	0.1236	0.1905	0.4589	0.2446	0.3423	0.257	0.6458
PY05040	0.185	-0.172	-0.4454	0.6521	0.386	0.1168	-0.1842	-0.2864	-0.2075	-0.5299	-0.0523	-0.1702
PY02420	-0.2803	-0.2921	-0.2882	-0.1993	-0.277	-0.0381	-0.0173	-0.1015	-0.1203	-0.1652	0.0725	-0.2897
PY01226	-0.1198	-0.1609	-0.0746	-0.0341	-0.135	0.165	0.2325	-0.0067	-0.1275	0.0246	-0.0362	-0.7587
PY03407	0.3097	0.0641	0.1251	0.3264	0.2383	0.1398	-0.0886	-0.1443	-0.0131	-0.3293	-0.3642	-0.047
PY00768	-0.0552	0.0121	-0.0297	0.1322	0.3797	0.3267	0.0819	-0.1639	-0.3281	-0.0702	-0.3069	-0.175
PY06909	0.1823	0.0681	-0.0043	-0.2288	-0.3002	-0.3901	-0.2333	-0.0783	-0.0758	-0.1899	-0.3	-0.0656
PY05581	0.7828	0.1399	0.2425	-0.4019	-0.1269	-0.0421	-0.0692	-0.293	-0.0683	-0.4471	-0.3537	0.0546
PY05511	-0.79	-0.0704	0.5847	0.4222	-0.0509	0.01	0.22	0.2511	0.3967	0.303	0.2267	0.1264
PY06610	-0.3503	-0.0562	0.1163	0.1165	0.2678	0.8814	-0.2126	0.3249	0.0089	0.0497	0.6894	0.0215
PY04665	-0.0636	0.0937	0.0283	0.2942	0.1019	0.2306	0.059	0.3574	0.2001	0.5154	0.0195	0.103
PY04920	-0.171	-0.0596	-0.0209	-0.1044	-0.1494	-0.3995	-0.1927	0.254	0.0549	0.3758	0.6813	0.1094
PY04648	-0.4648	-0.3293	-0.3934	0.1271	0.7648	0.395	0.2264	0.2142	-0.4395	-0.0807	0.4128	-0.3909
PY04879	-0.4943	-0.1829	-0.1951	-0.206	-0.4301	-0.3876	0.0444	0.3491	0.2691	0.3361	0.4687	0.351
PY06850	0.9167	0.4369	0.3415	0.3433	-0.039	0.1137	0.6276	0.077	0.3321	-0.1067	-0.8264	0.5574
PY02930	0.0494	-0.1847	-0.457	-0.3879	0.3129	0.1086	-0.1315	-0.1397	-0.276	-0.8618	-0.1764	-0.2965
PY04130	-0.0562	0.0315	0.1442	-1.0081	-0.432	-0.0493	0.0897	-0.5883	-0.4361	-0.8644	-0.4267	-0.8824
PY01313	0.367	0.2909	-0.2763	-0.4245	-0.2581	-0.4975	-0.1223	-0.1531	0.0594	-0.3429	0.0142	-0.078
PY02212	-0.3522	-0.4497	-0.4562	0.2205	0.7154	0.2813	-0.2508	-0.2019	-0.4234	0.0301	-0.3905	-0.3352
PY01932	-1.0085	-0.2692	-0.7397	-1.6829	-0.8767	-0.5776	-0.0998	0.3627	0.2963	-0.0855	1.0624	-0.1556
PY04107	0.3474	-0.2141	-0.1835	0.6604	-0.4985	0.016	-0.0509	0.0185	-0.2887	0.3446	0.3952	-0.0938
PY03146	0.5405	0.1693	0.0581	-0.2066	0.0956	0.0605	-0.1893	-0.358	-0.2103	0.1454	-0.3818	-0.3089
PY06894	-0.3149	-0.0304	0.1517	-0.1575	-0.0951	0.0647	0.1206	0.3417	0.1463	-0.7536	0.2535	-0.1688
PY03970	0.6441	0.3848	0.2996	0.6608	1.1772	-0.0771	-0.1241	0.0853	0.052	-0.034	-0.2313	0.121
PY02602	0.155	0.0652	0.0866	-0.2925	-0.3028	0.0026	-0.1565	0.0054	-0.2483	-0.6031	-0.0819	-0.268
PY00034	-1.0562	-0.415	0.0005	-0.1403	0.0973	-0.3456	0.0572	0.4449	0.2457	0.0332	0.7823	-0.3495
PY01492	0.5393	0.0009	0.3932	-0.0096	-0.7591	-0.2575	-0.4948	-0.3169	-0.1526	-0.1542	-0.5992	-0.1116
PY04833	0.1817	-0.0012	-0.2887	0.1288	-0.0698	0.2462	0.19	0.3124	0.1579	-0.2394	-0.3612	0.1153
PY05325	0.5387	0.2206	-0.2704	0.776	0.7652	0.147	-0.2437	-0.4603	-0.353	-0.4543	-0.4785	-0.5034
PY02109	-0.9169	-0.874	-0.3927	-0.7062	-0.6205	-0.1103	0.199	0.2397	0.3349	0.1088	0.1136	0.1852
PY02949	0.9019	0.4232	0.2895	0.0835	0.0978	-0.0392	0.1016	-0.4772	-0.0996	-0.4291	-0.1717	-0.1985
PY00650	-0.2078	-0.0107	0.0295	-0.9236	-0.3332	-0.1039	0.1395	-0.1088	0.2135	-0.6418	0.0675	-0.1135
PY03608	-0.0171	0.2158	-0.3288	0.4504	0.1466	-0.1607	-0.3921	0.3717	0.2736	0.482	0.8421	0.1022

PY01136	0.6147	0.297	0.5395	0.8355	-0.1848	0.2748	0.3013	-0.0381	-0.1081	0.5755	-0.2604	0.4797
PY02940	0.2799	0.2144	0.053	0.3884	0.5812	0.1489	0.0283	-0.1657	0.0038	0.4621	-0.1345	0.0955
PY07396	-0.4915	-0.096	-0.1396	-0.722	-0.1116	-0.1563	0.0619	0.1913	0.2379	0.1318	0.3371	0.128
PY06201	-0.5134	0.0498	-0.1237	0.2871	0.8986	0.9472	0.1396	0.5969	0.4405	0.6983	1.4463	-0.2351
PY00508	-0.2061	-0.2864	-0.0081	-0.0227	-0.3197	0.1119	0.0888	-0.0685	0.3684	0.0395	-0.1895	0.1308
PY02245	0.0206	-0.102	0.0156	0.31	0.0424	-0.0347	0.0471	0.2358	0.1833	0.0212	-0.227	0.3254
PY06922	0.0884	-0.0225	-0.0502	-0.714	-0.0894	0.1204	0.2769	0.1761	-0.0039	-0.132	-0.1255	0.1495
PY01936	-0.2473	-0.1967	-0.1238	-0.441	0.1695	-0.0661	0.0209	0.2018	-0.1291	0.002	0.5161	-0.0708
PY03453	0.1643	-0.0595	0.2572	-0.2211	0.0858	-0.5898	-0.3769	-0.367	-0.2248	-0.0702	-0.2278	-0.4459
PY02911	-0.7655	-0.1048	0.2394	0.641	-0.1442	-0.1859	-0.1558	0.2076	0.0931	0.191	0.5404	-0.4682
PY00932	0.3531	0.1524	0.169	-0.058	0.0615	0.2062	0.269	-0.0534	-0.0748	-0.0848	-0.644	0.0719
PY05538	0.2544	0.0678	0.1801	-0.2017	-0.2635	-0.0233	-0.047	-0.129	-0.2139	0.2127	-0.1833	0.0193
PY03773	0.2547	0.0894	-0.5006	0.0303	0.0673	-0.0026	-0.1941	-0.0749	-0.2837	-0.2807	0.0772	0.0967
PY03811	0.0935	0.2244	-0.1632	-0.3491	-0.3083	-0.304	0.1644	0.1263	0.0651	-0.2111	-0.2155	-0.0599
PY05497	0.0212	0.1411	0.0548	0.026	-0.4358	-0.1803	0.0272	0.0612	0.3518	-0.274	-0.3276	-0.0042
PY04489	-0.4901	-0.1908	0.1034	0.2099	0.07	-0.0987	-0.3136	0.0027	0.1708	0.0869	0.0533	-0.2241
PY03675	-0.0381	0.017	0.0479	-0.4336	-0.1063	-0.0206	0.2384	0.223	0.1046	-0.1682	-0.1313	-0.1438
PY05779	0.0872	0.18	0.4491	-0.0874	0.3201	0.4457	0.3768	0.0756	0.2372	0.0248	0.3822	0.4979
PY05522	-0.056	-0.3815	0.1717	-0.2878	0.0434	0.2515	0.0275	0.1777	0.3439	-0.054	-0.2221	0.0255
PY01697	-0.6525	-0.3781	-0.1592	-0.2743	0.1213	0.0403	-0.0369	0.1366	-0.1566	0.3145	0.2102	-0.1223
PY03329	0.763	0.1308	0.3253	0.2376	-0.2899	0.1497	0.2456	0.0533	0.2793	-0.0117	-0.6351	0.3408
PY00457	0.3826	0.2201	0.1222	0.5136	0.344	0.1908	0.0452	0.1584	0.2448	0.1564	0.3932	0.248
PY07290	-0.0855	-0.3925	-0.608	-0.0115	0.1454	-0.1103	0.0269	0.096	0.0044	-0.0131	0.0303	0.449
PY00633	0.4507	0.2222	0.9187	-0.6022	0.0275	0.2393	0.5092	-0.2039	0.1258	-0.1426	-0.3385	0.121
PY06717	-0.1814	0.0782	-0.5207	-0.1641	0.5423	-0.1375	-0.0574	0.1296	-0.0849	0.1042	0.5024	0.0591
PY05434	-0.0912	-0.1097	-0.0974	0.0472	-0.052	0.0769	0.0501	0.0587	0.0457	0.0289	-0.2548	0.2059
PY06505	-0.4279	-0.1403	0.1629	-0.2394	-0.1345	0.028	0.0335	-0.0045	-0.0387	-0.2188	0.0247	0.1215
PY03915	-0.6761	-0.4902	-0.2974	-0.0181	-0.398	-0.0543	-0.1329	0.3053	-0.0143	0.0194	0.2052	-0.3535
PY02956	-1.342	-0.8648	-0.7077	-0.6386	-0.3252	-0.1299	-0.0769	0.5724	0.2144	-0.1232	0.3564	-0.3812
PY05757	0.7802	0.5942	0.0111	-0.0969	0.117	-0.0714	0.3638	-0.0994	0.3872	0.0849	-0.1596	0.3253
PY02358	0.1354	-0.0241	0.042	-0.0236	0.3399	-0.1492	0.0825	0.0896	0.1713	0.113	0.4918	0.2092
PY01196	0.0721	-0.1142	-0.1908	1.1377	0.1743	0.0682	-0.2087	0.3249	-0.1769	0.1831	0.1317	0.0828
PY06638	0.4781	0.9836	0.9791	0.1138	-0.4303	0.1115	0.5029	-0.2027	0.3349	-0.1998	-1.1641	0.4195
PY07237	0.2247	0.4413	0.1235	-0.1245	-0.3333	0.063	0.1187	-0.1444	0.1474	-0.1482	-0.3289	0.3518
PY01622	0.3849	0.1772	0.0365	0.358	0.1783	0.0917	0.0719	-0.1737	0.0647	-0.3132	-0.3286	-0.149
PY00594	-0.3051	-0.1521	-0.3364	-0.4591	-0.0172	-0.2129	-0.0586	0.1285	0.0715	-0.0013	0.3565	-0.0218
PY03050	-0.0621	-0.0286	0.1703	0.0415	0.0214	0.0916	-0.0083	-0.0876	0.121	-0.021	-0.1099	0.205
PY03025	-0.5078	0.0149	-0.1973	-0.682	-0.26	0.0403	-0.1482	0.0958	-0.0173	0.2264	-0.3448	0.0636
PY04242	-0.5637	-0.2044	-0.0148	-0.2589	0.4159	-0.0347	-0.0318	-0.0862	-0.1047	0.0069	0.2652	-0.024
PY00942	-0.2593	-0.4071	-0.1504	0.3584	-0.0416	0.1105	0.0345	0.3788	0.1268	0.7237	-0.0772	0.1057
PY02496	-0.2641	-0.1556	-0.1991	0.1804	0.1491	0.1371	-0.1931	-0.0273	-0.0807	-0.0215	-0.1672	0.0207
PY01715	-0.1009	-0.1375	-0.1878	0.3211	-0.8737	-0.3117	-0.1034	0.4223	0.3262	-0.0203	-0.1096	-0.0113
PY00227	-0.4708	-0.0589	0.5567	0.2341	0.2032	0.201	0.0682	-0.0225	0.1703	0.297	-0.0763	-0.0264
PY06296	0.1013	0.1182	-0.5773	-0.2189	0.3615	-0.114	0.3144	0.0327	0.0554	0.0412	0.1627	-0.0646
PY05765	0.2668	-0.1089	-0.6787	0.0893	0.3411	-0.187	-0.4205	-0.5266	-0.5177	-0.3289	-0.7034	-0.2107
PY00940	-1.0685	-0.267	-0.0149	-0.1564	0.2143	0.055	-0.2519	0.1061	-0.1562	0.0821	0.1652	-0.1096
PY06459	0.7701	0.246	0.0082	0.3109	0.1028	0.285	0.0331	-0.1651	-0.3039	-0.1413	-0.3979	-0.2303
PY07201	0.3765	0.1153	0.188	0.5864	0.4576	0.236	-0.0305	0.0232	0.0798	0.2823	-0.1462	-0.0502
PY06558	0.8448	0.353	0.1903	0.0174	-0.2675	-0.0647	0.2301	-0.2785	0.1143	-0.1077	-0.2776	0.4687
PY05595	0.1435	-0.0123	-0.1753	0.4311	-0.0267	0.1856	0.003	-0.0517	0.0636	-0.7259	-0.4341	0.1333
PY00830	0.0411	0.0623	-0.2087	0.1471	-0.2467	-0.0978	-0.1108	0.1103	0.0587	0.2847	0.2446	0.0654
PY01644	-0.393	0.0725	0.181	-0.52	0.0547	0.0398	0.1863	-0.1455	0.0304	-0.1702	-0.1306	-0.077
PY02838	0.053	-0.0009	-0.198	-0.1594	0.2655	0.079	0.0218	-0.0306	0.0675	-0.0023	0.0691	-0.0271
PY00525	-0.3162	-0.1869	-0.4095	-0.1938	0.1396	-0.1407	-0.1326	-0.0711	-0.0213	-0.086	0.0543	0.0572
PY07526	-0.6706	-0.2078	-0.9135	0.0387	0.0651	0.0242	0.1125	0.1202	-0.0239	0.3004	0.2234	-0.0076
PY04403	0.05	-0.091	-0.0512	0.1568	0.9132	-0.0664	-0.0504	-0.0945	-0.0044	-0.1628	-0.1024	0.0004
PY03634	-0.7076	0.3784	0.7413	0.1755	0.2183	0.1245	0.0263	-0.1583	0.2329	-0.1778	-0.1442	-0.2997
PY06825	-0.6128	-0.1765	0.1695	-0.2491	-0.39	-0.3431	-0.0791	0.3306	0.2632	-0.2997	0.107	-0.362
PY03869	0.1722	0.403	0.5262	0.0891	-0.7801	0.2514	0.2543	0.0975	0.1304	-0.2801	-0.8936	-0.3038
PY02397	-0.3155	-0.1746	-0.0431	0.3742	1.3642	-0.1222	-0.2013	0.3192	-0.2209	-0.0009	0.0969	-0.1449
PY03363	0.9661	0.3499	0.4421	-0.359	0.3526	-0.1098	0.2658	-0.0775	-0.6769	-0.3762	-0.3493	-0.0465
PY01807	-0.3489	-0.2256	-0.2852	1.9941	1.2409	1.1777	-0.1078	1.0698	0.0272	1.1312	1.4589	-0.0004
PY07225	-0.1203	-0.0673	-0.0484	-0.3138	-0.0808	-0.1259	-0.3476	-0.1539	-1.2402	-0.3321	-0.0596	-0.18

PY04049	-0.1599	0.0394	0.0887	0.0967	-0.5147	-0.7539	-0.6198	-0.2531	-0.0597	-0.2075	0.5895	-0.2636
PY02342	-1.181	-0.4914	-0.1351	-0.8035	0.0086	-0.4782	-0.1753	0.0568	0.0242	0.1492	0.1865	0.2956
PY00729	-1.1724	-0.5941	-0.3967	0.1454	2.0442	-0.2205	-0.2524	0.1777	-0.163	-0.1071	0.5596	-0.5962
PY04949	-0.2756	-0.1362	-0.2658	-0.4591	-0.092	-0.0359	0.1596	-0.0472	0.0895	-0.448	-0.3381	-0.1677
PY00123	0.7068	0.2398	0.1737	-0.3193	-0.1511	-0.0997	0.1011	-0.4194	0.0763	-0.519	-0.6623	0.3616
PY02455	-0.9435	0.2088	-0.4305	0.0177	0.224	0.2558	0.1969	0.5255	0.3165	0.1604	0.7629	-0.2354
PY02866	0.6435	0.2509	-0.0257	-0.0955	-0.5068	-0.0978	0.0525	0.1607	0.189	-0.0385	-0.3237	0.1098
PY05254	-0.8545	-0.2848	-0.1003	-0.1366	-0.1444	-0.4126	-0.2662	0.3128	0.0245	0.2328	0.7436	-0.1645
PY02804	0.3706	-0.0411	-0.246	0.0022	1.1938	0.2543	0.0819	0.0246	-0.1244	0.1506	-0.2805	0.0846
PY06735	0.0954	0.0704	0.0235	0.5479	0.3011	0.0056	0.0684	0.1863	-0.3331	0.6812	0.2332	-0.4474
PY06657	-0.3063	0.1146	0.0882	-0.1142	0.3339	0.2215	0.2292	0.3751	-0.0943	0.1415	0.4951	-0.0434
PY01013	-0.2934	0.0239	-0.4874	0.0831	-0.4805	-0.138	0.1148	0.3169	0.1027	0.1448	0.18	0.098
PY02483	-0.7408	-0.1143	-0.2206	0.2102	0.2599	-0.1115	-0.1185	-0.1061	-0.2441	-0.4263	-0.2514	-0.2822
PY06292	-0.0075	0.3054	-0.0152	-0.0153	-0.0297	0.1737	0.2755	0.1122	-0.1627	0.2977	-0.1197	0.0877
PY04815	-0.6243	-0.0852	0.197	0.0599	-0.6444	-0.1507	-0.1776	0.077	0.2218	-0.566	0.0302	-0.0915
PY02993	0.1071	-0.0694	0.1666	0.0308	-0.3081	0.287	0.3333	0.3568	0.495	0.3494	-0.3504	0.3952
PY03685	-0.0281	-0.0461	-0.0874	0.3632	0.677	0.1758	-0.1761	0.0137	0.0562	0.3516	-0.1371	-0.0253
PY04921	-0.4832	-0.2644	0.1129	-0.4021	-0.1213	0.2724	0.0659	0.193	0.0917	-0.0812	-0.0595	-0.2854
PY07199	0.2104	0.348	0.0892	-0.4831	0.0788	-0.3526	-0.2756	-0.4296	-1.0735	-0.4822	0.1933	-0.0164
PY07481	-1.129	-0.6339	-0.2971	-1.002	-0.5618	-0.4783	-0.1351	-0.4097	0.3585	-0.3095	0.512	-0.1916
PY05884	-0.8595	-0.4872	-0.1336	0.0213	0.1457	-0.3893	-0.3565	-0.0364	0.0184	-0.0835	0.3389	0.1023
PY00390	0.1571	-0.0329	0.0246	-0.445	-0.3717	-0.0817	-0.0391	-0.1591	0.0551	-0.5381	-0.3759	0.0285
PY02631	0.1025	0.0057	0.1322	0.2332	0.228	0.1866	0.1588	-0.0071	-0.09	-0.0441	-0.2796	0.1653
PY01864	1.0819	0.6479	0.869	0.9229	-0.0385	0.1525	0.317	-0.16	0.2683	0.1648	-0.9161	0.3305
PY01616	-0.1546	0.0622	0.2485	-0.0718	-0.6285	-0.0144	-0.26	-0.0691	-0.2682	0.1288	-0.1073	-0.036
PY06720	-0.5119	-0.0668	0.1	-0.0225	0.0448	-0.069	0.0647	0.4295	0.256	0.2474	0.3705	-0.2068
PY02834	-0.2887	-0.2012	-0.1639	0.7952	-0.1393	-0.4604	-0.2536	-0.0277	-0.3321	0.0721	0.0036	-0.7145
PY03887	-0.8946	-0.3196	0.1291	0.073	-0.1728	-0.3452	-0.2222	0.1996	-0.0839	0.0187	0.1783	-0.5241
PY07861	0.01	0.0892	-0.4634	-0.3175	0.0437	-0.1138	0.1986	-0.212	0.0965	-0.4138	0.029	-0.165
PY04859	-0.4327	-0.2805	-0.3018	-0.115	-0.1269	-0.4128	-0.362	0.0013	-0.204	-0.3118	0.5758	-0.1586
PY04393	1.0059	0.6406	0.3302	0.5918	0.9707	0.327	0.2692	0.0373	-0.002	0.3541	-0.63	0.5106
PY01711	-0.5086	-0.2583	-0.3194	-0.5682	-0.097	-0.3241	-0.2958	0.0277	-0.103	0.0794	0.3449	0.0521
PY04310	0.2756	-0.0825	-0.1948	-0.0672	0.3496	0.0617	0.0016	-0.273	-0.809	-0.3757	-0.208	-0.1326
PY00083	0.1275	-0.3221	-0.5184	0.0919	-0.0263	-0.1483	-0.0909	-0.438	-0.1384	-0.0641	-0.3596	0.1555
PY05559	0.851	0.2364	0.4099	-0.1665	-0.142	0.0421	0.5952	-0.3731	0.3477	0.0964	-0.4568	0.2318
PY04339	-0.1789	0.0228	-0.5122	0.0994	0.4773	-0.172	-0.1308	0.0844	0.0786	0.2271	0.0319	-0.0565
PY01169	0.692	0.1568	-0.3244	0.2968	0.4582	0.4773	0.1946	0.0769	-0.3677	0.1964	0.1498	0.0347
PY05220	0.6105	0.572	0.4751	0.3452	0.0112	-0.0947	0.2117	0.062	0.2566	0.3873	-0.0159	-0.0227
PY04690	-0.9822	0.1518	0.5084	-0.4516	-0.578	-0.5631	-0.2326	-0.0312	0.109	-0.0177	0.9322	0.3045
PY02588	-0.8768	-0.3542	-0.1588	-0.7272	-0.5126	-0.4235	-0.6695	-0.6269	-0.3874	0.0735	-0.2755	-0.3957
PY00891	-0.0369	-0.1322	-0.1609	0.11	-0.2651	-0.31	-0.4569	-0.2516	-0.3554	-0.2601	0.0734	-0.2477
PY02375	-0.0047	0.0496	0.0254	-0.151	-0.2009	-0.1209	0.0129	0.0945	-0.2654	0.0431	0.0738	0.1604
PY04105	-0.1818	-0.1195	0.0278	-0.5531	-0.48	0.2036	0.4655	0.3507	0.4443	0.0582	-0.1298	0.3313
PY07622	0.3176	-0.0083	-0.3055	0.0908	-0.4778	-0.4519	-0.5643	-0.1965	-0.3641	0.0039	-0.4582	-0.2317
PY00348	-0.2984	0.08	0.0501	-0.3002	0.0803	0.1012	0.1898	0.1163	-0.0228	0.0346	0.2418	0.0323
PY00587	-0.5318	-0.0699	0.4077	0.0497	-0.4124	-0.1259	-0.4909	0.0933	-0.1327	0.4933	-0.0142	-0.0743
PY03391	-0.1347	-0.0644	0.2864	0.8111	0.2386	0.0957	-0.0625	0.0554	0.0356	-0.3875	0.4896	0.0577
PY04877	-0.1025	0.1889	0.3374	-0.0792	0.0529	-0.038	-0.1968	-0.4783	-0.5111	-0.3732	-0.4747	-0.7993
PY05979	0.5393	0.2903	0.5044	-0.7535	-0.4115	-0.0505	0.4567	-0.2424	0.2454	-0.0799	-0.3379	0.6585
PY01045	0.1789	-0.0357	-0.1163	-0.8372	-0.2048	-0.2843	-0.0246	-0.1862	-0.2541	-0.2072	-0.2239	0.1706
PY07345	0.0853	0.2326	-0.0853	0.1881	0.0202	0.1438	-0.0176	-0.2811	-0.1089	0.0186	-0.2977	0.1098
PY01143	0.5102	-0.1204	0.3343	0.7438	0.5252	0.1163	-0.0711	-0.2588	-0.2696	0.1289	-0.1236	0.0297
PY05110	0.0439	0.3365	-0.2859	0.0221	0.4845	0.063	-0.0066	0.066	0.1187	0.7038	0.3485	0.1617
PY01244	0.5599	0.2396	0.6748	0.6634	0.2894	-0.0516	0.1388	-0.2299	0.0604	-0.0247	-0.5309	0.282
PY05987	-1.4369	-0.4154	0.1288	-0.0914	0.3749	0.0337	-0.4086	0.2379	-0.0257	0.2026	0.2292	-0.1171
PY07536	0.1596	0.054	-0.0772	0.7545	0.0448	-0.0644	-0.1587	0.3005	0.1437	0.1673	-0.026	-0.2347
PY06598	0.1831	-0.0727	0.1202	0.231	0.3467	-0.2875	-0.3072	-0.3475	-0.6188	-0.3075	-0.5847	-0.4216
PY01363	-0.1177	0.1122	-0.4188	-0.1615	-0.3254	-0.1784	-0.2	0.0722	-0.1104	0.2491	-0.1446	0.2698
PY06022	-0.1507	-0.382	-0.7336	0.0794	0.2694	-0.3317	-0.3305	0.0342	-0.1636	0.222	-0.1556	0.0874
PY01430	-0.3903	-0.1445	-0.2032	-0.1695	-0.0132	0.0051	-0.2035	0.0787	-0.0215	0.3984	0.348	-0.1461
PY05152	-0.6829	0.0867	0.1405	0.2957	-0.2197	-0.4762	-0.2189	-0.1364	-0.0886	-0.0295	0.4155	-0.5024
PY07326	-0.0342	0.4847	0.3177	-0.2792	-0.4217	0.0925	0.2398	-0.3894	0.0224	-0.5907	-0.2025	-0.2002
PY03694	-0.1338	-0.2187	-0.2871	0.2628	0.1541	0.3843	0.268	0.2619	0.1545	0.1801	0.2295	0.1138

PY04476	-0.7802	-0.2576	-0.1781	0.1588	0.3242	0.2114	0.1659	0.4901	0.1053	0.649	0.4239	-0.3107
PY02134	0.2039	0.093	0.3456	0.5549	-0.2546	-0.2377	0.1146	0.0867	0.208	-0.0272	-0.3173	0.0517
PY05136	-0.2115	-0.5084	-0.3075	-0.437	-0.1507	0.0595	0.226	-0.1376	0.2383	-0.28	0.0117	0.3333
PY02084	0.6865	0.3358	0.365	-0.0513	0.1195	0.2847	0.0279	-0.245	0.0297	-0.2518	-0.6131	-0.2145
PY05459	0.0641	-0.0958	0.2345	0.5363	0.6491	1.2301	0.1054	0.3013	0.1735	0.5354	0.3461	0.0859
PY06604	-0.4979	-0.6236	-0.5628	-0.3146	0.0661	-0.0641	0.1136	0.1742	0.1905	0.4278	0.4057	0.2242
PY00906	-0.072	-0.5522	-0.2061	0.3353	-0.2483	-0.0617	0.1035	0.3378	0.241	0.3384	-0.0422	-0.19
PY05384	-0.4811	0.0137	0.2353	-0.0508	0.0219	-0.1766	-0.0184	0.1732	0.3642	0.2615	0.6133	0.143
PY05377	-0.1708	0.2296	0.0522	-0.3917	-0.2467	0.2988	0.4575	-0.1429	0.1844	-0.3134	-0.2311	0.3185
PY02252	-0.0921	0.2126	0.1661	-0.2826	-0.1487	-0.0741	-0.1145	-0.2632	-0.0797	-0.3731	-0.0222	-0.1348
PY04540	0.7413	0.5475	0.3799	0.4497	-0.2364	0.1435	0.3538	0.1011	0.3726	-0.3551	-0.4446	0.324
PY05130	0.0773	0.2426	0.2165	-0.5969	-0.6026	-0.444	0	-0.1891	0.2601	-0.7543	-0.4147	0.3784
PY06195	-0.3442	-0.4336	0.0451	-0.4914	-0.1301	-0.0034	0.1729	0.0935	0.4261	-0.0216	-0.0489	0.3786
PY05742	-0.3257	-0.1644	0.3261	0.46	-0.341	-0.2582	-0.0562	0.4979	0.2175	0.3394	-0.0225	0.1132
PY00707	0.2556	-0.3581	-0.2494	0.0327	0.1745	-0.0981	-0.1585	-0.3151	0.0117	-0.2522	-0.2248	0.051
PY00691	0.2893	0.0644	0.1737	0.506	-0.1183	0.057	0.0846	0.1606	0.2012	0.4325	-0.2095	0.3534
PY02733	0.6302	0.3121	0.0879	0.0301	-0.2642	0.1915	0.4293	0.0068	0.1942	0.003	-0.4529	0.0875
PY00919	-1.2108	0.1521	0.69	-0.1756	0.2378	-0.2604	-0.4587	-0.186	-0.0249	-0.0463	0.4447	-0.5345
PY05784	-0.276	-0.2324	-0.0413	-0.1368	-0.0052	-0.0102	0.1139	0.245	-0.4195	-0.2884	0.2748	-0.8589
PY04427	0.2764	0.4015	0.1164	0.4059	-0.1091	0.1571	-0.0465	0.0999	0.2296	-0.7209	-0.021	0.0522
PY06246	0.2852	0.0902	-0.4836	0.4078	0.3252	-0.0106	-0.2667	-0.0406	-0.0048	0.403	-0.0585	0.1272
PY03134	-0.5279	-0.1673	-0.2302	0.0165	-0.1911	-0.0653	0.0489	0.2497	0.1398	0.4044	0.2026	0.3898
PY02511	-0.1868	0.1556	0.0048	0.3781	-0.8779	-0.2601	-0.1748	-0.0363	0.0513	-0.2415	0.2341	-0.3095
PY04795	0.8559	0.347	0.6659	0.3232	-0.1462	-0.0848	-0.0576	0.1831	0.2891	0.2648	-0.3947	0.3509
PY00934	0.4694	0.2068	0.1506	0.0612	-0.0641	-0.1375	-0.331	-0.3544	-0.3829	0.0917	-0.4202	-0.4575
PY03668	-0.15	-0.221	-0.8118	0.6697	0.4889	-0.3811	-0.4659	-0.1516	-0.2523	-0.1623	-0.197	-0.0126
PY00795	0.6672	0.2122	0.2224	0.9506	-0.0264	0.1075	-0.1254	0.1242	-0.2707	0.8475	-0.3863	-0.1251
PY06432	-1.3296	-0.7676	-0.4607	-0.3902	-0.7527	-0.2604	0.0467	0.6927	0.3638	0.4222	0.6374	-0.3052
PY03539	0.2905	0.1777	-0.0296	0.1025	0.4158	-0.0712	-0.2192	0.096	0.0542	-0.0382	0.4614	0.0439
PY04560	0.0757	-0.0647	0.0894	0.0132	0.2229	-0.128	0.0441	-0.037	0.002	-0.0183	-0.023	0.1792
PY03792	-1.0152	-0.5332	-0.8587	-0.4585	-0.2836	0.1798	-0.2307	0.5013	0.1784	0.4477	0.1193	-0.0298
PY05053	-0.0928	-0.2835	0.0642	0.0644	0.1439	-0.2235	-0.1367	0.1715	0.1358	-0.1149	0.3186	0.3003
PY01436	-0.0285	-0.3988	-0.5537	-0.8386	-0.1314	-0.3034	-0.2299	-0.0188	-0.1618	0.3563	0.0972	-0.084
PY02898	-0.1916	-0.1351	-0.1769	0.2176	0.048	-0.0958	-0.2062	0.085	-0.2392	0.3343	0.058	0.2053
PY00397	-0.276	-0.153	-0.4359	-0.3688	-0.2326	-0.1814	-0.1442	0.0289	0.0231	-0.3211	0.155	-0.3396
PY04693	-0.048	-0.1314	-0.0401	-0.1992	0.8174	0.1668	0.0253	0.1114	-0.0249	0	0.3748	0.032
PY03304	0.3859	0.1571	-0.0468	-1.1708	-0.0053	-0.2462	-0.0938	-0.4287	-0.1575	-0.3099	-0.0859	0.0702
PY03996	-0.742	0.4108	0.0937	-0.1407	-0.7159	-0.3343	-0.1787	0.1841	0.0726	0.0319	0.4979	-0.2975
PY02679	0.0411	0.1637	0.1018	-0.0571	-0.0482	0.0355	-0.0534	-0.127	0.1284	-0.0475	-0.0355	0.0087
PY00648	-0.3264	-0.014	-0.0292	1.0489	0.4522	0.2297	0.0769	-0.1011	-0.1255	-0.0945	-0.0055	0.3644
PY07432	-0.557	0.0509	0.1724	-0.0524	-0.0201	0.018	0.1338	-0.0381	0.1458	0.0794	0.1767	0.4339
PY07838	0.4623	0.2717	-0.0789	0.0728	-0.1782	-0.0988	-0.1632	0.0634	-0.2318	0.4783	-0.0172	-0.3472
PY03446	1.6523	0.5207	0.3656	-0.4207	-0.9494	-0.0807	0.4339	-0.0303	0.4509	-0.127	-0.8022	0.5548
PY02046	-0.8336	-0.5236	-1.4089	0.0258	-0.1553	0.1663	0.4461	0.4663	0.378	0.5984	0.1845	0.2815
PY03920	0.2474	-0.069	-0.2296	0.024	0.3548	0.5709	0.0909	-0.208	-0.3043	-0.1505	-0.6015	-0.0568
PY06644	0.1921	0.2188	0.1501	-0.1762	-0.293	0.1239	0.1901	-0.237	0.062	-0.2044	-0.0516	-0.0443
PY03294	0.3731	0.2942	0.4144	-0.0732	-0.2382	-0.1495	0.0395	-0.1812	0.1905	-0.1285	-0.3711	0.1817
PY00436	-0.5518	-0.1672	-0.2142	-0.3033	0.0452	0.143	0.046	0.2535	0.0431	-0.5442	0.0269	-0.3201
PY03901	0.1931	-0.0992	-0.3298	-0.1566	0.1234	-0.1809	-0.0099	0.001	0.004	-0.2184	0.2297	0.1893
PY07049	-0.9453	-0.2738	-0.3302	-0.2116	-0.5552	-0.1273	-0.2272	0.4026	-0.0231	0.1124	0.4282	-0.2749
PY05919	-0.4062	-0.0631	-0.1182	1.0292	1.0849	0.954	-0.1379	0.5625	0.0011	1.0976	0.5181	-0.1233
PY03663	1.0546	0.6599	0.8316	0.6547	0.1736	0.2032	0.7706	-0.1638	0.1651	0.0395	-0.5037	0.6028
PY04793	0.2368	0.5065	0.7747	0.4333	-0.1045	0.3043	0.3011	-0.1146	0.1564	-0.2056	-0.5723	-0.3607
PY04588	-0.0529	-0.2246	0.3366	0.5024	-0.02	-0.0578	0.1036	0.3125	0.1805	-0.0753	0.3118	0.0949
PY06400	-1.3213	-0.9362	-0.9122	-1.2808	-1.0324	-0.6572	-0.4843	0.0714	0.0845	0.2416	0.7338	0.4743
PY00333	-0.0492	-0.1238	-0.3246	-0.1619	-0.2243	-0.0612	-0.1255	0.0123	0.015	0.2915	0.1206	0.0833
PY00730	-0.7667	-1.0541	-0.4662	0.3261	1.0066	0.3366	-0.5044	-0.1435	-1.2269	-0.2108	1.3347	-1.0324
PY02597	0.0478	0.0926	-0.1882	0.5936	-0.5184	-0.4064	-0.2333	0.3809	0.2433	0.4866	0.242	0.1095
PY03350	-0.5105	-0.2616	0.1188	-0.3421	-0.3283	-0.2888	-0.0259	0.1082	0.5139	0.0436	0.0292	0.3536
PY03224	0.1109	0.1409	-0.3905	0.1251	0.1718	0.0022	-0.1119	0.1386	0.0769	0.5226	0.6698	0.4065
PY06526	-0.5773	0.1199	0.0607	-0.4309	-0.1241	-0.1482	-0.2536	-0.0668	-0.1873	-0.2089	-0.016	-0.4649
PY06540	0.1033	0.0332	0.5071	-0.2733	-0.2365	-0.2589	0.1971	0.0838	0.1177	-0.1718	-0.1722	0.0677
PY07166	-0.2081	-0.0893	0.2664	0.2723	-0.3245	-0.2034	-0.1964	0.3758	0.086	0.325	-0.1255	-0.0352

PY00962	-0.6863	-0.2162	-0.3594	-0.3999	0.2945	0.3648	-0.0654	-0.0444	-0.321	-0.2247	-0.4126	-0.3119
PY00203	0.3556	0.3054	0.1923	0.1546	-0.0803	0.2445	0.3689	-0.106	0.0891	0.0231	-0.2934	0.1219
PY03771	0.0549	0.1695	-0.1019	0.6338	0.0232	-0.0462	-0.0174	0.2454	0.1286	0.3758	0.211	0.2292
PY03478	0.2248	0.0557	-0.1571	0.2793	0.0423	-0.1161	0.0465	-0.0929	0.1123	0.0872	-0.0618	0.0938
PY04118	-0.4401	0.066	0.4417	0.1458	0.0478	0.0972	-0.0502	0.2214	0.029	0.032	0.4843	-0.031
PY07127	0.2645	-0.1284	-0.1515	0.4809	0.1123	-0.0517	-0.1468	0.3303	0.24	-0.1365	0.2574	-0.4145
PY06900	1.0744	0.5218	0.5647	0.1134	-0.5105	0.042	0.217	-0.1882	0.1579	-0.218	-0.517	0.2421
PY04746	0.9566	0.5824	0.5606	-0.1396	-0.1488	0.099	0.3596	-0.3094	0.3236	-0.3816	-0.6191	0.6109
PY06101	-0.1793	-0.2683	-0.2467	-0.0989	-0.3616	-0.1177	0.0286	-0.1656	0.1695	0.0954	-0.1484	0.3024
PY05576	-0.4798	-0.2439	-0.0395	-0.0007	-0.0864	0.0538	-0.1274	-0.107	-0.0693	-0.3078	-0.1113	0.0854
PY01064	-1.0359	-0.119	0.0427	-0.6222	-0.1604	0.1055	-0.1628	-0.0455	0.0776	-0.2423	0.0139	-0.7567
PY05241	0.0899	-0.032	-0.0216	-0.2033	0.2101	-0.3588	-0.0752	0.2424	-0.0624	-0.2497	0.3984	-0.0433
PY06287	0.7131	0.2704	0.0756	0.0395	0.7623	0.2861	0.1058	-0.0861	-0.156	-0.0938	0.3629	-0.113
PY00434	1.4191	0.8533	1.1285	0.3378	-0.5194	-0.1901	0.362	-0.3313	0.49	-0.0057	-0.9437	0.389
PY01273	0.4398	0.2653	0.3908	0.4309	0.1682	0.1186	-0.0079	-0.0408	-0.4784	0.3424	-0.5202	-0.1642
PY01913	-0.123	0.1559	-0.4616	0.8826	0.4615	-0.2082	-0.4353	0.2862	-0.1315	1.2719	0.137	-0.3579
PY04040	-0.0232	-0.0397	0.0591	0.1313	-0.5607	0.1164	0.0708	0.1708	0.1552	0.0471	-0.0782	0.2284
PY06071	-0.621	-0.0088	-0.2539	-0.9363	-0.8435	-0.4305	0.1557	0.9189	0.6341	-0.1086	1.2101	-0.4199
PY01521	-0.147	0.0758	0.0248	-0.2839	-0.0468	0.1326	0.1934	0.0512	0.1143	-0.1849	0.2338	0.0622
PY05619	0.2753	0.1681	-0.0975	0.3854	0.1366	0.0652	-0.2344	-0.2822	-0.3313	0.2775	-0.0381	-0.2211
PY06932	0.3769	-0.1763	0.0504	-0.0109	0.0304	-0.0232	-0.0043	-0.0936	-0.608	-0.0967	-0.4584	-0.1542
PY05550	0.0287	-0.4911	-0.3224	0.4623	-0.0216	-0.7278	-0.6952	-0.6164	-0.2007	0.3787	-0.7885	-0.2836
PY00855	0.6921	0.2082	-0.1571	0.7528	0.0197	0.0225	0.0277	-0.2797	-0.0843	-0.0207	-0.6231	0.3046
PY01764	-0.3021	-0.1507	0.2183	0.1458	0.2952	0.0317	-0.0628	-0.333	-0.3148	-0.5689	-0.2898	0.0884
PY04702	-0.8961	-0.0883	-0.2759	0.0726	0.1353	0.6035	0.3744	0.6627	0.2864	0.221	0.5084	-0.1888
PY01832	-0.5926	-0.189	0.1322	0.2611	0.3059	-0.1184	-0.0266	0.0891	-0.1218	-0.0931	0.4521	-0.0751
PY01209	-0.3447	-0.1319	-0.5288	0.4891	0.3558	0.259	0.0169	-0.0285	-0.5258	0.0556	-0.4926	-0.2006
PY06308	-0.5184	-0.2022	-0.3044	-0.0977	0.3032	0.3435	0.0149	-0.0139	-0.0999	-0.0758	-0.2352	-0.1003
PY05189	0.417	0.1509	0.2708	0.5106	0.6027	0.2875	0.2189	0.0266	-0.0835	0.5572	0.3858	0.184
PY04637	-0.0367	-0.3833	-0.2163	0.8633	0.2822	0.2143	-0.0718	0.3643	-0.0534	0.3139	-0.2503	-0.3074
PY00679	1.0181	0.689	0.9386	-0.2731	-0.3709	-0.0018	0.5295	-0.2366	0.3908	-0.2825	-0.4074	0.6666
PY02593	0.9493	0.6693	0.7473	0.2672	-0.08	0.2383	0.5015	-0.1611	0.0664	-0.2194	-0.7255	0.0869
PY05369	0.1229	0.1828	0.5242	0.2412	-0.4384	-0.2806	0.3064	0.0506	0.2427	-0.7352	-0.4859	0.0767
PY06001	-0.2871	0.1483	0.0726	0.3055	0.0447	-0.276	-0.2518	-0.2369	-0.3736	0.2577	-0.0881	-0.199
PY01957	-1.0048	-0.1225	0.1555	-0.9218	-0.5607	-0.0764	0.1403	-0.0446	0.3609	-0.479	0.0931	-0.4215
PY01729	0.8986	0.5734	0.3473	0.3094	-0.7429	-0.2839	0.0177	-0.5067	0.0712	-0.3779	-0.1765	0.1183
PY01369	0.0459	-0.0805	-0.0868	0.1168	-0.3365	0.2828	-0.038	-0.4017	-0.1799	-0.3266	-0.1407	-0.2216
PY01303	-0.1771	-0.4909	-0.424	-0.1706	-0.0783	-0.0952	0.1062	0.2843	-0.7436	-0.1456	-0.213	-0.6445
PY07219	0.297	-0.0785	0.2993	0.3268	0.4187	0.1522	0.3236	0.1105	-0.0147	-0.1679	0.394	0.2145
PY00020	0.5045	-0.0043	0.2921	-0.1377	0.9879	0.0468	0.2408	-0.027	0.0083	0.4241	0.0476	-0.0641
PY02486	-0.2344	0.0321	0.0532	0.9448	0.0693	-0.1794	-0.1512	0.1818	0.0447	0.103	0.5296	0.1591
PY04938	0.2278	0.2304	-0.0237	0.0729	0.0385	-0.2322	-0.0949	-0.0318	0.1012	0.1252	0.0563	0.1885
PY04071	0.1562	-0.3243	-0.2534	-0.1078	0.4957	0.0411	-0.2007	0.0983	-0.2809	0.0812	-0.0235	-0.0305
PY04400	-0.1176	-0.4908	0.2089	0.017	0.4095	0.1861	0.1691	#####	-0.2069	0.0767	0.0352	0.1488
PY06697	-0.0527	0.0222	0.1426	-0.2635	-0.2379	-0.3177	-0.4681	-0.3749	-0.2458	-0.438	-0.209	-0.3699
PY05213	-0.8441	-0.5737	-0.52	-0.6419	-0.3849	-0.6046	0.1772	-0.046	0.7997	-0.0911	0.5544	0.131
PY01925	0.4734	-0.1116	-0.2816	0.3624	0.5631	-0.2906	-0.2579	-0.4713	-0.2937	-0.7521	-0.5291	-0.1946
PY04181	0.015	-0.1629	-0.1327	0.2942	0.5394	-0.0231	-0.0424	0.2082	-0.1711	0.64	0.6326	0.0768
PY01467	0.5583	0.3966	0.5939	-0.7042	-0.2529	-0.1327	-0.2174	-0.3754	-0.2073	-0.4379	-0.6125	-0.2041
PY06855	0.5935	0.2917	0.8674	0.2804	-0.3343	0.3711	0.4408	0.0544	0.3913	-0.1209	-0.8371	-0.0588
PY03296	0.0516	-0.4398	0.3	1.2676	0.1017	0.3144	-0.0233	0.196	-0.035	0.0332	-0.1044	-0.3994
PY01398	0.0291	0.3346	0.0251	0.25	0.1801	0.3077	0.0925	0.195	0.0665	0.3276	0.2563	-0.0874
PY01061	0.7232	0.3365	0.1755	0.774	0.1943	0.6442	0.4459	0.2941	0.3065	0.3287	-0.1641	0.1099
PY05537	1.1291	0.4109	0.9372	0.8853	0.2249	0.6054	0.2911	-0.1505	0.1061	0.2656	-0.5521	0.2108
PY02747	-0.4886	-0.003	0.281	0.238	0.5656	0.0509	-0.2586	0.1256	-0.1212	0.0199	0.5457	-0.248
PY01680	0.6489	-0.0921	0.1896	-0.7851	-0.0578	-0.1001	0.1752	-0.5877	-0.3289	-0.4427	-0.2739	0.2724
PY00414	0.1765	0.1381	0.4901	0.2993	0.1626	0.0061	-0.1436	-0.0312	-0.1521	0.0941	0.0642	-0.4913
PY00054	-0.2305	-0.5318	-0.2761	-0.0307	0.4032	0.5247	0.1672	0.3093	-0.0408	0.2795	0.0571	0.2679
PY01668	0.1274	0.0259	-0.4486	0.3165	0.0565	-0.4148	-0.3661	0.0961	-0.4701	-0.2185	0.2809	-0.1167
PY05571	-0.1222	0.1807	0.3064	-0.1813	0.0208	0.4384	0.3748	0.2883	0.2966	-0.226	-0.2893	-0.3208
PY02643	-0.082	0.1066	0.3283	-0.1221	-0.1913	-0.0682	0.1425	-0.2931	-0.1123	0.2158	-0.0764	-0.0809
PY03586	1.3981	0.5757	0.8269	0.1027	-0.6787	0.2227	0.5364	-0.1998	0.3701	-0.3521	-1.2399	0.0996
PY01584	-1.4181	-0.1829	0.1334	0.0157	0.1362	-0.0724	0.1292	0.2491	0.1119	0.5608	0.8426	-0.14

PY05005	-0.2114	-0.3561	-0.1659	-0.1163	0.1814	-0.2252	-0.5757	-0.0912	-0.4035	0.0779	0.1899	-0.253
PY02380	0.1329	0.0698	-0.3605	0.1385	0.1957	0.1125	-0.2403	-0.1457	-0.3365	0.0246	-0.4737	-0.0038
PY02044	-0.6473	-0.2964	-0.091	-0.4625	-0.1244	0.0019	0.0478	-0.0003	-0.2626	0.0768	0.2158	-0.0095
PY04994	0.4979	0.337	-0.1946	-0.0711	-0.1258	-0.1075	-0.1701	0.1447	-0.3346	0.344	-0.1164	0.1129
PY02490	-0.0743	-0.0969	-0.0502	-0.1655	0.3873	0.116	-0.0025	0.1102	0.0597	-0.0304	0.3777	0.2541
PY01075	0.4388	0.0799	-0.1478	-0.136	0.0587	-0.2959	-0.3245	-0.5398	-0.4164	-0.5107	-0.6429	-0.0639
PY00994	1.1862	0.6907	0.5895	0.0952	-0.7431	0.084	0.0559	-0.7169	0.1537	-0.1601	-0.6043	0.159
PY02516	-0.6539	-0.1696	-0.3496	-0.1809	0.2954	0.2705	-0.0863	-0.001	-0.1434	-0.3758	-0.4586	-0.2419
PY02387	0.0838	0.2086	0.117	0.4406	-0.3271	0.034	-0.1431	0.0162	0.0837	-1.6129	-0.2151	0.098
PY03549	-0.4948	-0.2124	-0.4082	0.045	0.5944	0.0589	-0.3749	-0.1049	-0.1413	-0.1682	0.0138	-0.1314
PY07331	0.0764	0.1213	-0.1721	0.2647	0.4251	0.1482	-0.1182	-0.1419	0.1607	-0.5434	-0.0043	-0.1511
PY05688	-0.3015	0.0948	-0.1934	0.2316	0.132	0.0601	-0.0621	0.286	0.0248	0.3503	-0.1923	-0.0884
PY06580	-0.5019	-0.6245	-0.1231	0.1742	0.0374	-0.1382	0.1337	0.2728	0.2514	-0.0766	0.1879	-0.1223
PY06705	-0.288	-0.4929	-0.8853	-0.0079	-0.2159	-0.479	-0.3553	-0.1698	-0.2318	-0.293	-0.1901	0.0162
PY06389	-0.9	-0.5831	-0.5297	-0.3663	-0.8696	-0.4466	0.036	0.3697	0.1095	0.3458	0.431	0.3865
PY06115	0.005	0.0384	-0.1841	0.1225	0.0469	0.2933	0.3532	0.1617	0.2451	0.1664	-0.1322	0.2084
PY04831	-0.1593	-0.1149	-0.0218	-0.1497	0.0644	0.1419	0.1054	0.107	0.0032	0.2507	-0.0212	0.1062
PY01654	0.4702	0.0102	0.0773	1.0831	0.1164	0.0474	0.0546	-0.2699	0.047	0.0213	-0.4661	0.2595
PY03740	-0.1081	0.0034	0.0544	0.2228	0.1542	0.3017	-0.0809	-0.0281	0.2901	0.2364	-0.062	0.0237
PY03144	-0.5721	-0.1727	-0.0858	0.2709	0.3404	0.3553	0.133	0.2676	-0.1904	0.1501	0.4754	-0.3829
PY06661	0.7576	0.1944	-0.4723	-0.0614	-0.0282	-0.0605	-0.0616	-0.0636	0.1527	-0.064	-0.1645	0.1692
PY06344	-0.2781	-0.6757	-0.0521	0.2535	0.0138	0.1621	-0.0787	0.0746	-0.2706	0.1415	-0.1746	-0.0139
PY00476	-0.1328	0.1844	0.3169	-0.1648	-0.0977	-0.3858	-0.2412	-0.1958	-0.0623	0.5514	0.1274	-0.2394
PY02106	-0.3068	-0.2649	-0.0861	-0.0625	0.4331	0.3022	0.3122	-0.2643	0.0645	-0.0045	0.1611	0.3168
PY06663	0.9715	0.4737	0.8867	-0.4082	-0.5405	-0.0717	0.3925	-0.154	0.653	-0.0469	-0.3997	0.6103
PY06458	0.3488	-0.1965	-0.1466	0.3241	-0.2081	-0.0777	-0.0677	-0.0196	-0.1713	0	-0.1354	0.4631
PY01354	-0.838	-0.4886	-0.6071	-0.5633	-0.2874	-0.4046	0.0999	0.2237	0.4617	0.285	0.8071	-0.042
PY07583	-0.695	-0.3456	-0.442	-0.1434	-0.3207	0.0693	-0.0565	0.483	0.3187	0.0327	0.0423	-0.574
PY00009	-0.0565	-0.2924	0.1008	-0.2827	-0.2212	-0.2891	-0.2908	0.0264	-0.3938	0.0759	0.1815	-0.1078
PY06830	0.4022	-0.0423	-0.0635	1.3573	1.1309	0.6214	0.0357	0.5773	-0.2289	0.3449	0.3108	-0.331
PY04907	0.5817	0.2752	-0.4398	0.1294	0.0051	0.2794	0.1471	-0.108	-0.3213	-0.0842	-0.7901	-0.0417
PY02891	0.7023	0.2952	0.0918	0.214	-0.0443	-0.0046	-0.0999	0.0265	-0.0316	0.1467	-0.2538	0.0157
PY02641	-0.2697	0.0832	-0.0205	0.0834	-0.4261	-0.2832	0.0531	0.4157	0.4559	0.1193	0.0868	0.266
PY05069	-0.4235	-0.2685	-0.7104	-1.1794	-0.989	-0.2964	-0.1946	-0.3686	-0.4455	-1.4084	-0.1801	-0.3872
PY04365	-0.23	-0.6659	-0.3061	-0.4876	-0.2341	-0.1415	-0.1139	0.0032	0.3679	0.3114	0.468	0.1743
PY02499	0.6388	0.1767	-0.6046	0.1732	0.3141	0.096	-0.1752	-0.3953	-0.5378	-0.2638	-0.2537	-0.0442
PY05611	0.2476	-0.2886	-0.3989	-0.2181	0.4439	-0.0928	-0.2629	-0.0886	-0.2749	0.3201	0.0716	-0.0931
PY05849	-0.1336	0.3314	-0.0087	-0.4237	-0.5367	-0.4032	-0.0006	-0.0605	0.0785	-0.5505	-0.0093	-0.066
PY01604	0.0334	0.1184	-0.1158	0.6643	0.2619	0.0962	-0.0743	0.0256	-0.0188	0.2888	-0.1582	-0.0408
PY03744	-0.5118	-0.3919	-0.36	-0.2586	-0.4544	0.1844	0.2917	0.4806	0.2697	0.0229	0.3999	-0.1038
PY05556	0.3872	0.2234	-0.3444	-0.726	-0.3225	-0.2524	-0.0351	-0.0231	0.1568	-0.1331	-0.1232	-0.4166
PY01738	0.6194	0.4345	0.6721	0.211	-0.1531	0.1308	0.1913	-0.1129	0.1978	0.0612	-0.5882	0.1229
PY02634	-0.1511	0.3274	0.4478	0.2023	-0.1373	0.0845	0.752	0.1467	-0.0462	0.4965	0.1477	1.0886
PY06394	0.1958	0.1278	0.1922	-1.2809	-0.2721	-0.0614	0.1295	-0.3551	-0.112	-0.4689	-0.397	0.0018
PY02074	-0.7667	-0.2877	0.1782	-0.8931	-0.2204	-0.1955	-0.5177	-0.2544	-0.1716	0.0191	0.2408	0.0884
PY01351	0.1966	0.0205	0.1375	-0.4968	0.0476	0.0307	0.1081	-0.4713	0.0678	-0.7013	0.5377	0.0323
PY07320	0.3575	-0.0004	0.1218	-0.4613	-0.3402	-0.1424	0.1138	-0.1965	-0.0049	-0.5006	-0.4255	-0.0705
PY01173	0.3586	0.0478	-0.0415	0.477	0.449	0.1233	-0.1629	0.0097	-0.231	0.3572	0.2355	0.1548
PY06792	-0.5155	-0.2762	-0.1164	0.4011	0.0185	-0.1391	0.0094	0.4116	0.0126	0.3212	0.3687	0.1784
PY06787	0.803	0.3357	0.5349	0.6721	0.2439	-0.141	-0.1425	-0.5665	-0.2546	-0.5812	-0.8072	-0.1134
PY01557	-0.3124	-0.1685	-0.1045	-0.6758	0.2082	-0.0447	0.0013	-0.2755	-0.0158	-0.3146	-0.0535	0.2116
PY03841	-0.1098	-0.1339	0.1191	-0.9069	0.2361	-0.0415	-0.2321	-0.2133	-0.2965	-0.0586	0.0196	0.1472
PY02000	0.1155	0.1158	-0.1603	0.9478	0.3586	0.3172	-0.3144	-0.0224	-0.1992	-0.0409	0.077	-0.0079
PY00617	0.1033	0.0157	-0.1377	0.0534	0.6309	0.185	-0.1375	-0.1647	-0.0727	-0.3951	-0.482	-0.4025
PY00014	-0.1645	-0.2034	0.067	-0.4478	-0.0354	0.171	0.5635	0.3034	0.1902	0.2039	0.1746	0.1621
PY06417	-0.2556	-0.0859	0.0127	0.2057	-0.1831	-0.1251	-0.0329	0.1192	0.0899	0.5298	0.5301	-0.2106
PY06963	-0.0915	-0.4942	-0.8364	-0.6387	-0.2963	-0.0293	-0.2171	0.4167	-0.0111	0.468	0.2239	0.0522
PY01628	-1.2118	-0.2693	-0.3732	-0.3837	-0.1177	0.1379	0.0152	0.3885	-0.0192	-0.4022	0.289	-0.4266
PY01403	-0.5211	0.3694	0.5291	0.2014	0.2123	0.0123	-0.0557	0.2427	0.2392	-0.1276	0.7031	-0.6857
PY02605	-0.0626	0.0334	-0.5979	0.1123	0.1064	-0.1949	-0.0688	0.0148	-0.0645	-0.3087	0.0199	-0.2393
PY02621	0.0053	-0.1352	0.0916	0.3098	0.3066	-0.0488	-0.074	-0.0856	-0.0973	0.3399	-0.1091	0.1541
PY03554	-0.593	0.1754	-0.3183	-0.834	-0.1013	-0.0531	0.1149	0.3481	-0.018	0.2063	0.9025	-0.3827
PY04671	0.2051	0.0535	0.3461	0.5637	-0.0333	-0.336	-0.1792	-0.2465	-0.0474	-0.1189	0.491	0.0187

PY06539	0.0005	0.1381	-0.136	0.1682	0.2629	-0.4169	-0.1825	0.063	-0.2931	0.212	0.424	-0.0704
PY02019	0.0063	0.064	-0.1379	-0.2685	-0.13	-0.1874	-0.3159	-0.3708	-0.0355	-0.3727	-0.1979	-0.1548
PY05733	0.5182	-0.0112	-0.2012	0.4003	-0.1698	0.1957	0.3284	0.1728	0.3821	0.5054	-0.2038	0.565
PY01725	0.805	0.468	0.2377	-0.2412	-0.151	0.1096	0.1759	-0.059	0.0975	-0.2065	-0.6855	0.2408
PY02554	-0.7754	-0.5751	-0.2563	-0.421	0.4364	0.1289	-0.1895	-0.1875	-0.2425	-0.2278	0.0012	-0.0654
PY06182	-1.5453	-1.8338	-0.7967	-0.3926	0.2858	-0.0797	0.1103	0.2475	0.1617	0.054	0.4233	-0.4607
PY06790	0.3327	-0.0616	0.0168	0.4698	0.1942	0.4616	0.4042	0.0023	0.1234	-0.0534	-0.2572	-0.1406
PY02681	0.0887	-0.1508	-0.7263	0.8432	0.669	-0.3326	-0.4021	-0.2196	-0.5762	-0.2849	-0.0577	0.0153
PY01948	0.4615	0.3244	0.3022	0.1319	-0.4229	-0.1032	-0.0567	-0.2403	-0.0521	-0.4198	-0.3437	-0.1063
PY01884	-0.567	-0.4094	-0.4195	-0.727	-0.2969	-0.15	-0.0696	0.0667	-0.0007	-0.3165	-0.1061	-0.1124
PY00109	0.9707	0.4917	-0.0108	0.846	0.099	0.0022	-0.1783	0.0803	-0.2267	-0.0897	-0.4466	-0.086
PY04510	0.8146	0.3547	0.5852	0.1942	-0.2655	-0.1205	0.2945	-0.3112	0.2656	-0.4782	-0.7871	0.3239
PY05309	-1.5623	-0.9537	-0.3462	-0.8664	-0.3511	-0.4125	-0.3084	0.4133	0.4087	-0.2148	0.7544	-0.5077
PY02238	-0.726	-0.1515	-0.0286	0.1133	0.3085	0.4963	0.1234	0.1897	-0.0597	-0.1602	0.287	-0.3948
PY05911	0.5062	0.2758	-0.035	0.0241	-0.311	-0.3089	-0.0166	0.045	-0.0797	0.1694	-0.0783	0.1664
PY07065	-0.4321	-0.1549	0.0647	-0.7088	-0.469	-0.1763	-0.2371	-0.2352	-0.0108	-0.1277	0.162	0.2933
PY07078	-0.091	-0.0103	-0.0898	-0.5958	-0.0993	-0.1171	-0.0204	-0.1317	-0.0726	-0.5506	0.037	-0.0945
PY01008	0.739	0.2553	0.0857	0.6277	0.1992	0.2435	0.1636	0.0482	0.0842	-0.0728	-0.2068	0.1785
PY03490	0.4359	0.1342	0.0424	-0.5845	-0.316	-0.2261	0.2295	-0.3868	-0.1284	-0.3272	-0.2299	-0.0263
PY06150	0.1013	0.1629	0.1318	0.4861	0.1596	-0.0651	0.2743	0.3023	0.2248	0.0507	0.438	0.0433
PY00407	-0.6629	-0.2062	0.1603	0.2877	0.3036	0.0649	-0.3043	0.0102	-0.1912	0.3167	0.5017	-0.016
PY01001	-0.2254	0.2066	-0.0319	0.7964	0.518	0.2841	-0.1032	0.4052	0.2784	0.458	0.5025	0.19
PY05631	1.0564	0.6289	0.3039	-0.0101	-0.7381	-0.1219	0.0213	-0.6278	-0.1812	-0.2802	-0.6848	-0.0134
PY01295	0.1177	-0.0251	-0.1286	1.8192	0.2638	0.0952	0.0334	0.336	0.1278	0.6006	0.4814	-0.097
PY03510	-0.6116	-0.1756	-0.145	-0.5859	-0.2142	-0.305	-0.1309	-0.2841	0.0992	-0.4106	0.0341	0.0086
PY07404	0.2504	0.5145	0.8754	-0.1947	-0.534	0.2667	0.0409	-0.2469	-0.087	-0.558	-0.4322	-0.1057
PY02225	0.2619	0.0504	-0.6457	0.4411	0.2	-0.208	-0.2773	0.0717	-0.1188	-0.3852	-0.4604	0.1273
PY03194	-0.0265	0.0203	-0.134	-0.5781	0.0211	-0.1105	-0.0474	-0.0308	0.0019	-0.1019	-0.0398	-0.1899
PY01022	-0.4804	-0.1853	-0.4227	0.3265	0.4353	0.0924	-0.1602	-0.143	-0.1096	0.3673	0.1759	-0.2418
PY01611	-0.2574	0.4124	0.3514	0.1468	-0.1919	0.4548	0.4778	-0.1198	-0.1844	0.0634	-0.1551	-0.2359
PY04203	-0.3147	-1.0703	-0.0778	1.3124	0.5114	-0.1972	-0.1578	0.4643	-0.0745	0.7645	0.5697	0.0702
PY06449	-0.5451	-0.2627	0.0356	0.1817	0.6549	0.2601	-0.2321	0.1177	-0.1537	0.393	-0.0766	-0.2251
PY05854	0.3048	-0.3077	0.2756	0.4007	0.0385	-0.0726	0.1405	-0.003	0.1867	0.0621	0.1458	0.0929
PY06262	-0.0948	-0.1245	-0.21	0.0228	-0.0741	0.3074	-0.0823	-0.2064	-0.2811	-0.4212	0.2763	-0.1119
PY06968	0.3403	0.0702	0.0881	-0.2721	0.4512	-0.3402	0.1548	-0.0773	0.4378	-0.0925	0.0563	0.0988
PY01357	-0.3904	-0.5115	0.3306	0.5332	0.1399	-0.0327	-0.1211	0.4735	0.0582	0.8145	0.0628	-0.298
PY03187	0.3683	0.0975	0.2796	-0.4676	-0.0491	0.0074	0.2219	0.0431	0.2601	0.6693	-0.0236	0.2657
PY01577	-0.0141	-0.4268	0.3587	-0.2348	-0.3189	-0.1424	-0.3354	-0.2477	-0.2121	0.2695	-0.2492	-0.0378
PY07358	-0.1178	-0.0801	0	0.7608	0.1531	0.139	-0.0989	0.3095	-0.0119	1.0638	0.2562	0.159
PY00197	-0.357	-0.0337	-0.1426	-0.3499	-0.2808	-0.1318	0.0625	-0.3247	-0.1549	0.1096	0.0052	-0.1639
PY00095	-0.2414	-0.4167	-0.3245	-0.151	0.0584	0.0557	0.1497	0.0851	0.2216	-0.1452	0.2476	0.2664
PY06146	-0.1972	-0.3086	-0.3098	-0.0201	-0.4673	-0.1274	-0.219	0.0278	0.0769	-0.2823	-0.3634	0.1423
PY00912	-0.4028	-0.1726	-0.7268	0.705	0.1303	-0.153	-0.1407	0.1169	-0.127	0.2089	0.341	-0.1381
PY05873	0.1086	0.0105	-0.0667	0.2512	-0.3287	-0.1409	0.0198	-0.0962	0.085	-0.2938	-0.4318	-0.26
PY02290	0.5238	0.0404	0.8238	-0.0729	0.0862	-0.0628	-0.011	-0.5646	-0.1559	-0.0511	-0.4425	-0.0576
PY02716	-0.4371	-0.1055	-0.1727	0.8631	0.4768	0.0331	-0.1839	0.0451	-0.231	-0.0933	1.4818	-0.3998
PY07424	0.6066	0.1274	0.1226	-0.1749	-0.1974	-0.2573	0.0161	-0.0307	0.1083	-0.0398	-0.4811	0.1824
PY02960	-0.0797	-0.2519	-0.0287	-0.1288	-0.3349	0.1109	0.0202	0.4708	0.6502	0.6265	-0.2126	0.5946
PY05898	0.2976	0.0743	-0.2999	0.235	-0.141	-0.0303	0.0079	0.1687	-0.1681	0.3325	0.0717	-0.1677
PY05231	0.3339	-0.1268	0.0311	-0.851	-0.2908	-0.2235	0.0757	-0.4975	-0.3084	-0.6554	-0.4966	0.2857
PY07245	0.2664	0.2127	0.1237	-0.4262	-0.313	-0.017	0.3331	0.0146	0.0604	-0.1801	-0.6029	-0.0792
PY05725	0.1593	-0.3918	-0.121	0.292	0.1644	0.3356	0.0159	-0.0821	-0.0517	0.129	-0.4388	0.3385
PY03273	0.1406	-0.0005	-0.0318	0.4275	0.3663	-0.1233	-0.0151	-0.366	-0.0088	0.5119	0.5382	-0.3561
PY02904	0.7969	0.293	0.2625	0.433	0.3561	-0.0126	0.4051	0.0166	-0.076	-0.0704	-0.0591	0.1818
PY04649	0.2836	-0.9305	-1.3436	0.6392	1.2409	0.4715	-0.1755	-0.1077	-0.4061	0.2849	-0.0915	0.2321
PY07676	0.2244	0.2379	-0.4134	0.1456	0.3065	0.1761	0.2839	-0.0273	0.3786	-0.0576	0.3362	0.3031
PY01741	-0.3682	-0.2616	0.041	-0.2686	-0.5241	0.051	0.0912	0.2878	0.1407	-0.0933	-0.1513	-0.0562
PY02218	0.8415	0.2507	0.274	-0.7957	0.0939	0.154	0.2159	-0.4475	0.068	-0.2161	-0.2028	0.4216
PY07381	0.4088	-0.0542	0.5582	0.3291	0.365	0.4883	0.3275	0.1047	0.1181	0.3252	0.3164	0.028
PY04959	-0.1231	0.1496	0.3218	-1.1425	-0.5528	-0.164	0.1695	-0.418	0.1555	-0.444	-0.4198	0.0559
PY01199	0.9217	0.306	-0.0959	0.3717	0.0584	0.0035	-0.0394	-0.2286	-0.1377	-0.5093	-0.4861	0.0559
PY07599	-1.0681	-0.4447	-0.6324	-0.9771	-0.8415	-0.6566	-0.237	0.012	-0.0118	-0.0487	0.489	0.3181
PY01099	0.267	-0.035	0.097	0.2145	-1.2109	-0.295	-0.154	0.0565	0.1046	-0.3148	-0.3361	-0.0648

PY03840	0.4491	0.1351	0.8109	0.0182	-0.5922	-0.0158	0.2826	-0.3756	0.1443	-0.4317	-0.5798	0.4158
PY05585	-0.1136	0.2181	0.0077	0.0999	0.0977	-0.0879	-0.1244	-0.1277	-0.1972	-0.2304	-0.2925	-0.3292
PY04500	0.7309	0.1524	-0.1022	0.9004	0.328	0.0364	-0.1109	-0.2312	-0.2922	0.1904	-0.5354	0.1064
PY02323	0.4048	0.1409	0.1145	0.097	-0.149	-0.1338	-0.0254	-0.1952	0.1503	-0.093	-0.2073	-0.0362
PY05274	-0.0309	-0.1531	0.0012	-0.1695	0.0299	0.2793	0.0389	0.0837	-0.1086	0.3864	0.2847	-0.1018
PY04865	-1.4289	0.1924	0.4901	-0.7012	-0.1589	-0.047	0.1829	0.0191	0.0922	-0.334	0.067	0.0667
PY07154	-0.3159	0.0307	-0.1148	-0.0925	-0.2939	0.0073	-0.0394	-0.066	-0.2789	-0.4271	0.0071	-0.2668
PY06377	0.533	0.4179	0.2029	0.537	0.4981	0.0556	0.0944	-0.3302	-0.1246	0.1466	0.1514	0.0387
PY00252	-0.0273	0.0358	0.2319	0.2855	0.3409	0.4974	-0.1414	0.3941	0.0427	0.4767	0.6081	0.0738
PY04651	-0.1668	-1.8627	-1.957	0.8374	0.9254	0.071	-0.5964	-0.1113	-0.134	0.513	-0.0868	0.5508
PY00839	0.3194	0.0017	0.1906	-0.0085	0.2025	0.1745	0.1256	-0.1955	-0.2544	-0.2206	-0.1424	0.1716
PY00250	-0.4575	-0.3653	-0.2493	-0.0115	-0.1051	-0.0434	-0.1395	0.0595	0.587	-0.1592	-0.017	0.4026
PY07559	-0.1681	-0.1243	-0.0899	-0.3351	-1.0265	-0.0905	0.0967	0.0421	0.2848	-0.2927	-0.5897	0.2991
PY05540	-1.2014	-0.518	-0.4775	0.0799	-0.3077	-0.1178	-0.0821	0.4625	0.2056	0.475	0.8054	-0.2138
PY05965	-1.2339	0.0833	0.108	-0.6037	-0.2299	-0.2497	-0.0842	0.0184	0.0701	-0.8024	0.4663	-0.3636
PY00448	-1.0992	-0.1295	0.1265	-0.5508	-0.9516	-0.1981	-0.106	-0.3669	0.1631	-0.7108	-0.2944	-0.7043
PY01945	-0.4045	-0.2059	-0.1584	0.6557	-0.4691	-0.0153	0.2569	0.3075	0.4551	0.4708	0.3207	-0.0638
PY00053	0.7967	0.2608	0.1045	0.267	0.4407	0.0805	-0.0513	0.2284	-0.2954	-0.0432	-0.0261	-0.1621
PY05105	-0.4639	-0.2224	0.2256	-0.1377	-0.0645	-0.0493	-0.2668	-0.2908	-0.2153	-0.2317	-0.4529	-0.1683
PY02146	0.914	0.6221	0.882	0.1494	-0.2106	-0.1828	0.3469	0.0053	0.4543	0.0653	-0.4461	0.3509
PY06685	-0.0646	0.1903	0.5683	0.5415	-0.857	-0.0571	0.0013	-0.1676	0.2141	0.5793	-0.4477	-0.3135
PY03159	0.3934	0.1802	0.4266	-0.4234	-0.2554	-0.1804	0.0252	-0.215	0.1892	-0.3208	-0.0301	0.3175
PY03011	-0.4402	-0.034	-0.2494	-0.1663	-0.3096	-0.5114	-0.0547	0.2785	0.1798	0.1817	0.1885	-0.2752
PY03087	0.4584	0.4421	0.7286	0.6294	-0.1504	-0.1374	0.0967	-0.6541	-0.0431	-0.6237	-0.8159	-0.0991
PY05643	0.2182	0.0395	0.2987	0.1143	0.5555	-0.415	-0.0403	-0.1998	0.2838	-0.1302	0.1543	0.3545
PY02892	-0.1804	-0.1306	0.23	0.0723	-0.3848	-0.0478	-0.0551	0.1859	0.0276	0.1148	-0.2907	0.1643
PY02321	-0.2587	0.03	-0.1033	0.1441	0.2589	-0.4304	-0.3841	-0.1917	-0.3227	0.3107	0.3776	0.1357
PY01402	0.0763	0.2129	0.2721	-0.7269	-0.7742	-0.1685	0.2842	-0.327	0.339	-0.3995	-0.8166	0.2052
PY05028	0.12	0.3405	0.4084	-0.2371	-0.4271	-0.6702	-0.4652	-0.4321	-0.0883	-0.3239	0.1288	-0.1259
PY07442	0.2628	0.1267	0.0856	0.6638	0.297	-0.1619	-0.2979	-0.3337	-0.2315	-0.0633	-0.0943	-0.0181
PY04179	-0.0261	0.0408	-0.0753	-0.3539	0.6959	0.8601	-0.1695	0.281	-0.2249	0.4637	0.6157	-0.1454
PY06360	-0.4443	-0.1658	-0.1113	-0.3796	-0.7919	-0.1083	-0.1652	0.1626	0.132	-0.1399	0.6655	0.1356
PY02876	-1.0688	-0.2843	-0.039	-0.0162	-0.1062	0.0855	-0.0623	0.4195	0.0122	0.0245	0.5727	-0.503
PY06740	-0.613	-0.319	-0.6403	-0.0404	-0.0287	-0.1971	0.1089	-0.3672	0.2591	-0.3359	-0.1637	0.0271
PY05306	0.4484	0.1191	0.2921	0.4413	0.2011	0.0298	-0.0239	-0.0236	0.015	0.5578	-0.1294	0.1221
PY06241	0.1482	0.2366	0.1774	-0.4987	-0.3463	0.0175	0.1113	-0.2896	-0.2972	-0.4955	-0.2385	0.105
PY04352	0.0912	-0.0434	-0.1064	0.0965	0.1842	-0.0384	-0.0156	-0.046	-0.1449	0.2847	0.5971	0.0914
PY00748	-0.2135	-0.1543	-0.2197	0.4248	1.0518	0.6774	-0.1019	-0.0041	-0.1453	0.0174	1.0607	0.1352
PY00655	-0.4864	-0.145	-0.1946	-0.1376	-0.6186	0.2903	-0.0744	0.3107	0.3582	-0.1853	-0.6382	-0.1933
PY03738	0.0708	0.1383	0.0987	0.5599	0.2416	0.1172	0.0543	-0.0725	-0.4216	0.3892	-0.1652	-0.0226
PY00230	0.0557	-0.0725	-0.3012	-0.275	0.0704	-0.4138	-0.0945	-0.1496	0.0449	-0.2233	-0.1815	-0.0315
PY06442	0.2138	0.0415	0.1456	0.0295	-0.0442	-0.2755	-0.087	-0.0053	0.1438	0.1353	0.0319	-0.0748
PY04485	0.3589	0.1594	-0.3535	-0.7825	0.3208	-0.1011	-0.3849	-0.4728	-0.3492	-0.4672	-0.1456	-0.2355
PY04666	-0.3313	-0.1116	0.0996	0.1156	0.0268	0.3537	0.1402	0.1601	-0.2356	-0.7154	-0.0745	-0.2786
PY00101	-0.5955	-0.3028	-0.3565	-0.4551	-1.0112	0.0349	-0.1548	0.2015	0.2344	0.0571	-0.0416	0.1128
PY03065	0.6914	0.2595	0.6053	0.0198	0.3185	0.1562	0.4276	-0.035	0.3044	-0.1311	0.118	0.5054
PY00762	-0.1624	0.0196	0.122	0.3261	-0.0099	-0.238	0.0511	0.4435	0.287	0.564	0.1812	-0.0591
PY02726	-0.2556	-0.2578	-0.764	-0.0665	0.3124	-0.0582	0.0106	0.3581	-0.1589	0.5066	0.0757	0.1648
PY01043	-0.3688	-0.0877	-0.2264	-0.4551	0.231	0.518	0.0324	-0.2008	0.0102	-0.315	-0.2858	-0.2945
PY05141	0.8321	0.0922	0.4559	0.0353	0.1258	-0.1575	-0.208	-0.5031	-0.5241	-0.1743	-0.5363	-0.2621
PY02178	-0.1422	0.0663	0.3391	-0.0169	-0.1958	-0.086	-0.0775	0.0015	0.105	-0.0055	0.109	-0.1046
PY01862	0.1649	-0.1173	-0.3517	0.292	-0.0986	-0.3386	-0.4324	-0.2144	-0.1079	-0.1105	-0.243	-0.0314
PY06467	-1.3298	-0.2169	0.1006	-0.7888	-0.0721	-0.272	0.2005	-0.1033	-0.009	-0.752	-0.049	0.1301
PY04677	0.6312	0.5743	0.4238	-0.3018	-0.3856	0.2581	0.1279	-0.2013	-0.0662	-0.797	-0.8473	-0.1308
PY04312	0.3765	0.3282	-0.4999	-0.5518	-0.8489	-0.7522	-0.5897	-0.0684	-0.2092	-0.1574	0.0004	-0.5297
PY01659	0.6409	0.3202	0.85	1.1001	0.037	0.137	0.2731	-0.0788	-0.0412	-0.2373	-0.489	-0.1813
PY03033	0.9893	0.3684	-0.1404	0.2878	-0.0942	-0.0021	0.131	-0.0034	-0.1655	0.0272	-0.7872	0.461
PY02536	-0.1638	-0.1013	-0.1631	0.255	-0.0155	0.2146	-0.156	-0.3304	-0.0427	-0.2973	-0.1033	-0.4431
PY05684	0.6842	0.1788	-0.0673	0.8459	0.4351	0.3771	0.3085	0.0979	-0.0477	0.2894	-0.7087	-0.2141
PY05415	0.248	0.4214	0.0896	0.3266	-0.3661	-0.0541	-0.0507	0.1948	0.1935	0.1587	-0.1602	-0.5666
PY02606	0.2505	0.2417	-0.0424	0.231	-0.0751	-0.1564	0.1928	0.0723	-0.0165	0.2678	0.1211	0.2673
PY03149	0.411	0.1998	0.3131	0.8401	0.1489	0.1782	0.3317	0.0937	0.031	0.6311	0.0595	0.4228
PY03758	0.0403	-0.0681	-0.0142	-0.0689	-0.0118	-0.1071	-0.1262	-0.107	0.1449	-0.172	0.1381	-0.9679

PY01877	-1.3324	-0.0421	-0.0274	-0.3905	-0.6764	0.1479	0.2192	0.7002	0.0248	0.0703	0.6765	-0.4194
PY05667	0.5592	0.3811	0.3126	0.3812	-0.2629	-0.0713	-0.2087	-0.1796	0.1487	-0.1723	-0.4973	-0.1473
PY03976	1.0993	0.6506	-0.265	0.2889	-0.2735	-0.1871	-0.2874	-0.0796	0.1005	-0.02	0.0153	-0.1766
PY00622	-1.1289	-0.3331	-0.4413	-0.3493	-0.1249	0.3571	0.1283	0.2272	0.2278	-0.2425	0.2048	-0.6825
PY04292	0.0008	0.0037	0.0689	-0.5001	-0.1795	-0.138	0.0037	-0.2062	-0.1839	-0.2558	0.2332	0.0156
PY00741	0.6675	0.3705	0.1389	-0.2245	-0.2155	0.0237	0.0698	-0.1877	0.1072	-0.0894	-0.671	0.0414
PY04574	0.4275	0.3657	0.0525	-0.158	-0.1563	0.0562	0.0623	-0.217	0.2279	-0.0475	-0.2874	0.25
PY06884	-0.6579	-0.5354	-0.5126	-0.0667	0.4158	0.1382	-0.1256	0.0492	-0.1517	0.0541	0.519	0.1325
PY05337	-1.247	-0.2145	-0.0182	-0.2015	-0.3013	-0.2911	-0.064	0.2539	0.5057	0.3275	0.5025	-0.2045
PY05418	0.5988	0.4075	1.0401	0.0433	0.1541	-0.0959	-0.0259	-0.3987	-0.0599	-0.1739	-0.321	0.012
PY05605	0.6229	0.477	0.6467	0.1124	-0.0282	-0.0059	0.0759	-0.3652	0.0432	-0.2732	-0.5446	0.3354
PY02923	0.5444	-0.1065	-0.6216	-0.2625	0.2832	-0.1107	-0.1365	-0.2024	-0.4757	-0.1898	0.0751	0.0426
PY04092	0.4322	0.0585	0.0868	-0.0694	0.0737	-0.047	-0.069	-0.2157	-0.0672	-0.2093	-0.2338	-0.022
PY04459	0.2558	-0.1342	0.1191	0.2558	0.3091	0.316	0.1692	0.2335	0.2747	0.2566	0.1035	-0.1183
PY00079	-0.0362	0.174	0.0069	-0.1754	0.1703	0.1497	0.3002	0.3576	0.1884	0.1791	0.5811	0.0021
PY06755	0.3827	0.0129	0.0008	-0.2905	0.1795	-0.141	-0.0082	-0.1436	-0.3004	-0.3487	-0.322	-0.1477
PY00043	-0.4436	0.1149	-0.1085	-0.3717	-0.0645	-0.2054	-0.0762	-0.1037	-0.1334	-0.0362	0.0302	0.0952
PY01386	-0.0394	-0.2946	0.0513	0.4862	0.0626	-0.1121	0.0748	0.2088	-0.0828	0.2385	0.2113	0.3092
PY01744	-0.6018	0.0093	0.1469	-0.1165	-0.1664	-0.1797	-0.106	0.0851	0.1048	0.0144	-0.2018	-0.6087
PY01449	-0.0723	-0.2059	-0.096	-0.3446	-0.2435	0.0651	-0.0397	-0.2147	-0.2635	-0.1372	-0.1493	-0.0269
PY04143	0.0074	-0.2479	-0.2246	-0.2742	-0.2321	-0.4978	-0.1675	-0.0354	0.2034	-0.0407	0.3112	-0.0984
PY00064	-0.1174	-0.2151	-0.6522	-0.1192	0.0201	0.0609	-0.2803	0.0353	0.0006	-0.0262	-0.0624	-0.2568
PY00029	0.4654	0.3093	0.5289	-0.0598	0.1062	-0.0841	-0.0679	0.0044	-0.1274	-0.0438	0.0146	0.0923
PY03498	0.0574	-0.1328	0.1029	-0.2989	0.0047	0.2175	-0.1651	0.1644	0.0141	0.1041	-1.2773	-0.3438
PY04232	-0.2012	-0.3242	-0.389	0.1511	-0.2271	-0.1865	-0.0984	0.3214	0.1434	0.4394	-0.0841	0.2902
PY05606	-0.2555	-0.2913	-0.4346	-0.0419	-0.3355	-0.1137	-0.0542	-0.0139	-0.4233	-0.2282	-0.2756	-0.0333
PY03770	0.1729	0.0382	0.0778	-0.0718	-0.1652	0.1074	0.0856	-0.2141	-0.0477	0.063	-0.1081	0.2038
PY01451	-1.2425	-0.5646	-0.2104	-0.7382	-0.3416	-0.1493	-0.077	0.1107	-0.0783	0.0961	0.5752	-0.4429
PY07530	0.1579	-0.4186	-0.2874	-0.3928	-0.0321	-0.2605	-0.1139	-0.2294	0.0999	0.072	-0.187	0.3551
PY05523	0.0689	0.0639	-0.1256	0.3798	0.0963	-0.0133	-0.0963	-0.1376	0.1668	0.4739	-0.0269	0.0522
PY03959	0.5067	0.2301	0.2939	-0.2063	-0.3054	0.0177	-0.0041	0.0156	0.1024	-0.8688	-0.4918	-0.4693
PY02476	0.7581	0.5606	0.7795	0.378	0.1093	0.0011	0.2476	-0.2987	-0.053	-0.1752	-0.6159	0.1542
PY03178	-0.5485	0.2167	-0.2221	-0.2438	0.2375	0.1672	0.3009	-0.0448	-0.0456	-0.0157	-0.1276	0.0422
PY04906	0.8222	0.4934	0.6856	0.0079	0.2652	0.1122	0.3693	-0.1197	0.2634	-0.0483	-0.1673	0.3336
PY00827	-1.3298	-0.4334	-0.272	-0.321	0.5194	0.0431	-0.0776	0.3691	-0.1939	-0.0607	0.3616	-0.3615
PY07641	0.438	-0.0354	-0.3427	-0.0778	0.2187	-0.2736	-0.4853	-0.3571	-0.2724	-0.301	-0.4843	-0.4058
PY05398	-0.0468	-0.382	-0.6476	0.0218	-0.1178	0.1681	0.171	0.1823	0.2766	0.4032	-0.1001	0.2837
PY06328	0.0515	0.1784	0.1531	0.4645	1.0228	1.9688	0.127	1.0135	0.2943	0.6939	0.9506	0.3854
PY07274	-0.2929	0.1468	0.3618	-0.1275	0.0989	0.2941	0.0775	-0.0539	-0.2636	-0.4372	-0.1013	-0.4183
PY01468	-0.0363	0.1048	0.0263	0.2598	-0.1021	0.3397	0.033	0.0108	-0.0707	0.6103	-0.0494	0.3063
PY06751	0.2329	0.1098	0.3887	0.0786	-0.0789	0.0359	0.2723	-0.0531	0.1649	0.3349	0.265	0.316
PY06506	-0.8534	-0.4447	-0.0885	0	-0.0904	-0.3403	-0.1837	-0.1045	-0.1962	0.023	0.4988	-0.2113
PY00816	0.3311	0.0672	-0.1299	-0.4308	-0.045	-0.004	-0.0993	-0.3577	-0.0767	-0.1133	0.2701	-0.0292
PY07106	-0.4141	0.0033	-0.2474	-0.1408	-0.1656	0.3753	0.0829	0.1938	-0.0213	-0.2092	0.0753	-0.6395
PY00437	-0.5257	-0.0146	0.2367	-0.4852	-0.3344	0.128	0.0618	0.378	0.2125	0.0403	0.5881	0.139
PY03295	0.4158	0.1529	0.3144	0.2458	0.1264	-0.0407	-0.0644	-0.223	-0.3116	-0.0188	-0.5834	-0.1261
PY04180	-1.2004	-0.522	-0.2771	-0.2551	0.3704	-0.0817	-0.0296	-0.1422	-0.2864	-0.418	-0.1105	-0.3186
PY05514	-0.1215	-0.0349	0.0631	-0.9479	-0.4628	-0.3232	-0.0288	-0.0576	0.196	-0.5113	-0.2392	0.3601
PY03119	0.1285	0.1077	-0.1173	-0.3685	0.0013	-0.1836	0.0255	-0.231	-0.2921	-0.7105	-0.3355	0.0226
PY00165	-0.2546	-0.1379	-0.0916	0.8146	0.513	0.3345	-0.021	0.6038	-0.0744	0.889	0.1338	0.1622
PY07829	0.1343	-0.0406	-0.0514	-0.3662	0.3965	-0.3219	0.1016	-0.4075	-0.2508	-0.4093	0.0358	-0.5696
PY04081	0.1136	-0.0603	0.0862	0.7066	-0.3337	0.0755	0.4386	0.1042	0.3041	0.0905	-0.2474	0.4028
PY03935	0.0403	0.2747	0.1932	-0.0198	-0.1567	-0.062	-0.1262	-0.214	-0.1802	-0.1652	-0.3329	-0.2077
PY00606	-1.5104	-0.2784	0.0196	-0.5844	-0.5549	-0.1106	0.132	0.73	0.3125	0.1235	0.732	-0.5601
PY07177	-0.5863	0.0146	-0.224	-0.9435	-0.9494	-0.3031	0.0153	-0.1223	0.2045	-0.5479	-0.4316	-0.1707
PY02821	0.0888	-0.0695	0.1407	0.1129	-0.1755	-0.0234	0.1407	0.0036	-0.1521	-0.4519	-0.2115	0.0227
PY02352	-0.4786	-0.1167	0.2663	-0.1436	0.0312	-0.2417	-0.271	-0.4348	-0.2682	-0.1982	-0.133	-0.3497
PY01610	0.1712	-0.0575	0.3804	-0.1185	0.1165	-0.1367	-0.1905	-0.1768	-0.1432	-0.0014	-0.494	0.1943
PY04470	-1.2886	-0.868	-0.5936	-0.2156	-0.1469	-0.0907	0.1281	0.4669	0.2034	0.3534	0.6068	0.2032
PY01517	-0.7124	-0.2105	-0.464	0.161	0.3611	0.2383	-0.0579	0.4391	-0.1064	0.1814	0.4945	-0.2021
PY04764	0.0193	0.0814	0.2927	-0.2097	-0.1256	-0.1043	0.2941	-0.0999	0.3811	-0.4095	0.032	0.1375
PY06635	0.2038	-0.1406	0.0259	-0.3279	0.0294	-0.3156	-0.5711	-0.0956	-0.0621	0.3259	0.1866	-0.0706
PY03503	0.6375	0.2116	0.3917	0.009	0.0193	-0.006	0.1139	-0.1953	0.0082	-0.2657	-0.2179	0.3764

PY00931	-0.1609	0.0742	-0.3185	-0.2201	-0.4456	0.0295	0.0438	0.0881	0.1912	0.195	-0.2956	0.0385
PY04744	-0.9733	-0.0689	-0.6429	-0.6672	-0.3883	0.0751	0.1292	0.335	0.2258	0.1613	0.1327	-0.4665
PY01819	-0.2351	0.3629	0.1133	0.8063	0.1282	-0.1276	-0.0701	0.1757	0.0645	0.0919	0.6712	-0.0357
PY06984	1.4985	-0.2504	-0.2912	-0.1377	1.1611	-0.3866	-0.0105	-0.5422	-1.0027	0.1602	-0.1194	0.0874
PY00205	-0.0372	0.3327	0.4769	-0.1982	-0.5853	0.0446	0.1256	-0.1406	0.3071	-0.155	-0.2982	0.0534
PY04727	-0.0415	-0.1701	-0.4673	-0.4617	-0.1561	-0.1134	-0.0008	-0.2388	-0.0702	-0.1451	-0.3427	-0.1009
PY02117	-0.1313	-0.0748	0.115	0.4959	0.0309	-0.1456	-0.0849	0.3121	0.164	0.4263	0.3494	-0.1478
PY01121	-0.9431	-0.4988	-0.7372	0.1768	-0.0995	0.0914	0.1714	0.6185	0.0429	0.1348	0.2857	-0.286
PY04895	0.1117	0.3814	0.2462	0.3293	0.2012	0.8143	0.4222	-0.3344	0.0092	-0.0309	-0.4807	-0.1604
PY02818	-0.1147	-0.8491	-0.5326	-0.4768	-0.3187	-0.4873	-0.0105	0.3333	0.1832	0.3946	0.3903	0.3136
PY00733	-1.0267	-0.4896	-0.1321	-0.0509	1.4368	-0.1376	-0.3603	-0.072	-0.5147	0.1581	0.3385	-0.1062
PY03078	0.4145	0.4649	0.365	0.2644	0.0872	0.2505	0.1793	-0.2175	0.1079	-0.1321	-0.6272	0.1882
PY03555	-0.2139	0.3406	-0.7604	-1.1423	-0.928	-0.1954	0.0712	0.2911	0.0558	0.2302	0.1498	-0.1807
PY07057	0.8279	-0.1915	-0.3899	1.1558	-0.6662	-0.1087	-0.14	0.0062	0.3128	-0.1549	-0.5413	0.4772
PY01544	-0.1362	-0.1198	0.0564	0.3169	0.093	-0.1344	-0.266	0.1074	0.1762	0.4395	0.2772	0.2146
PY03872	-0.8301	-0.2872	-0.0305	-0.1162	0.3202	-0.0887	-0.0684	0.1168	-0.1143	-0.0317	0.367	-0.2193
PY02285	-0.3555	0.0789	0.0792	-0.581	-0.5717	-0.2231	-0.1863	-0.2577	0.1864	-0.0988	0.4083	-0.0943
PY05996	-0.4001	0.0138	-0.1663	0.5629	0.0771	0.0167	-0.6113	0.2627	-0.0195	0.1332	0.4651	-0.2274
PY01342	-0.5151	-0.2093	-1.2494	-1.0283	-1.2223	-0.4927	-0.0257	0.4901	0.3858	0.1756	0.2297	-0.2718
PY02199	-1.3144	-0.8059	-0.5636	-0.0087	-0.7027	-0.3695	-0.2319	0.5031	0.2568	0.3118	0.8062	-0.282
PY03530	0.4213	0.2834	0.0863	0.0827	0.1174	0.2288	0.0698	0.2609	0.0054	0.7365	0.3024	-0.1287
PY05567	-1.3698	-0.6265	-1.0267	-1.1927	-0.5752	0.1376	0.3819	0.4574	0.7893	0.7369	0.9129	0.0639
PY03214	0.3324	-0.0561	-0.0455	0.1506	0.2319	0.0196	-0.2815	-0.1562	-0.0872	0.0262	0.2036	0.2614
PY03467	0.6596	0.4761	-0.018	0.2824	0.2047	0.2993	-0.1804	-0.2201	-0.4613	-0.8847	-0.6859	-0.9116
PY02739	-0.3429	-0.0499	-0.0306	-0.0375	-0.1379	0.1238	0.1034	0.2377	0.3257	-0.1517	0.1076	-0.0552
PY02472	1.1524	0.6333	0.7992	0.6527	-0.2643	0.0659	0.3408	-0.2989	0.1521	-0.4477	-0.7761	0.1356
PY02639	-1.0682	-0.7602	-0.3829	-0.1773	-0.4705	-0.6173	-0.2791	0.327	0.6436	0.5388	0.3795	-0.1719
PY05324	0.4094	0.3993	0.2902	0.0822	-0.086	0.252	0.0859	0.1738	0.1161	0.1338	-0.0485	-0.2571
PY07509	0.4217	0.1278	0.3284	0.5776	0.3174	-0.0948	-0.0602	-0.115	-0.1576	0.0973	-0.1719	0.0599
PY03388	-0.0843	-0.1047	0.0476	0.7396	0.0111	-0.3086	0.0903	0.198	0.1819	1.0941	0.2631	0.3597
PY02459	-0.6326	-0.4691	-0.309	-0.1948	-0.1638	-0.3183	-0.1909	0.153	0.0053	0.5752	0.0225	0.2111
PY04963	0.1015	-0.0997	-0.0561	-0.1184	-0.0368	-0.2532	-0.2539	-0.2079	-0.1827	-0.2249	-0.1113	-0.0923
PY06205	-0.1777	-0.2853	0.0254	0.3768	0.1874	0.0619	-0.1512	0.2008	0.0889	0.775	0.1816	-0.0534
PY03598	-0.2828	-0.0468	0.2559	0.0431	-0.2338	-0.1255	0.0152	0.1271	0.0777	0.3618	0.1238	0.2253
PY00073	0.6496	0.4792	-0.0458	0.257	-0.8463	-0.0991	-0.1608	-0.235	0.0312	-0.1079	-0.8205	0.2155
PY05822	0.3798	0.1397	-0.0267	0.602	0.0467	0.1165	-0.0488	-0.0299	0.0133	0.4888	-0.2097	-0.3387
PY02309	0.0007	0.0594	0.0174	0.6306	-0.159	-0.2266	-0.2325	0.2608	-0.0671	0.0948	0.234	-0.1653
PY00719	-0.5707	-0.607	-0.4803	0.4565	-0.3261	-0.4674	0.1562	0.4345	-0.3795	0.2394	0.1393	0.3328
PY06395	0.4458	0.1589	0.4758	0.1067	0.0964	0.1285	0.2187	-0.1387	0.4288	0.1693	-0.2436	0.319
PY01847	1.5679	1.0694	0.3983	0.5834	-0.3003	-0.0022	0.4818	-0.2922	0.3831	-0.4109	-0.3717	0.6875
PY04410	-0.4879	-0.1326	-0.1027	0.4689	-0.073	0.0302	0.0036	0.1025	-0.0493	-0.3077	0.0717	-0.0638
PY02148	-1.445	-0.7592	-0.9335	-0.8056	-0.6397	-0.1209	0.0601	0.9055	0.4069	0.1236	0.5106	-0.3776
PY00801	0.4883	0.1034	0.2239	0.1144	-0.0269	0.1626	0.0891	-0.1011	-0.0322	-0.2943	-0.3632	-0.1082
PY06650	-0.3436	-0.2212	0.2948	-0.5644	-0.4268	-0.2022	0.2523	0.1714	-0.4408	-0.6672	0.1606	-0.2812
PY00327	-0.0019	0.0822	-0.0831	-0.7157	-0.2929	-0.1363	-0.0256	-0.24	-0.2924	-0.2031	-0.2489	0.0359
PY00458	0.0724	0.1754	0.1756	0.7983	0.1845	0.1854	-0.2178	-0.2743	-0.1445	-0.1363	-0.0438	0.1434
PY01798	-0.5897	0.0471	0.4989	-0.303	-0.1573	0.3036	0.2769	0.1095	0.0398	-0.121	-0.0137	-0.0102
PY01931	0.165	0.0898	0.7903	0.0653	-0.9852	0.1527	0.3359	0.1772	0.4359	-0.282	-0.3807	0.0769
PY05316	0.3643	0.256	0.2338	0.2603	0.5291	0.385	-0.2008	-0.0985	0.0306	-0.4717	-0.4863	-0.3824
PY05168	-0.2747	-0.2868	0.0718	0.0111	0.5244	-0.1546	0.1085	-0.2564	-0.2538	-0.4344	-0.0596	0.0157
PY01984	0.6069	0.1074	0	0.0467	0.0456	-0.0168	-0.1945	-0.4814	-0.432	-0.4039	-0.307	-0.4232
PY04832	-0.2706	-0.0764	0.2594	0.7933	-0.2481	-0.0583	-0.0235	0.4859	0.1705	0.5963	0.1865	0.0399
PY03245	-1.3977	-0.3347	-0.2189	0.196	0.0646	-0.1989	-0.1188	0.1908	-0.6236	0.294	-0.159	-0.0989
PY03916	-0.5664	-0.2633	-0.5179	-0.0889	-0.0368	-0.2352	-0.1959	0.2302	-0.0029	0.1806	0.812	0.1187
PY02154	-0.8399	-0.3079	0.2231	0.4646	0.5136	-0.0535	-0.2608	-0.0781	-0.0972	0.3231	0.3081	-0.0464
PY00530	-1.148	0.051	0.138	-0.58	-0.315	-0.2731	0.1523	0.4129	0.0559	-0.4894	0.8136	-0.9682
PY05342	0.6999	0.3462	0.0976	0.3668	0.3551	0.2777	0.1402	-0.151	-0.0376	-0.0541	-0.3148	0.053
PY02469	0.0186	0.0931	0.2229	-0.5886	-0.1125	-0.4069	0.0255	-0.3265	0.0213	-0.6559	-0.0994	-0.1551
PY05423	-0.0428	-0.2072	-0.0825	-0.1322	-0.3888	-0.4414	-0.037	0.191	0.2858	0.2174	-0.0221	0.5737
PY00296	0.378	0.1058	-0.196	0.597	-0.0066	-0.5118	0.074	0.6634	0.4286	-0.0092	0.4301	-0.1761
PY02732	0.1341	-0.1091	-0.0032	0.0261	0.1225	-0.0286	-0.0539	-0.1865	-0.0067	-0.327	0.0333	0.1893
PY01227	-0.0376	-0.0142	0.3821	0.0544	-0.3186	-0.4731	-0.159	-0.111	0.1944	-0.6893	-0.5451	-0.5129
PY02948	-0.3861	-0.0896	0.2781	0.0918	0.1568	0.101	-0.0714	-0.137	-0.24	-0.1806	-0.3379	-0.1272

PY04792	0.6946	-0.047	0.2949	0.3838	0.4253	0.239	-0.2828	-0.2679	-0.3413	0.524	-0.223	-0.0327
PY02510	0.2348	0.1033	0.1501	0.1331	0.2594	0.1903	-0.0125	-0.2305	-0.1041	-0.1997	-0.5662	0.0949
PY05444	0.2873	0.2012	0.2897	0.0263	-0.6223	-0.8041	-0.7207	-0.7635	-0.2026	-0.2893	0.0372	0.0193
PY02419	-0.9257	-0.4388	-0.4262	-0.1808	0.0634	-0.1331	0.1266	0.2681	0.2156	-0.2111	0.3729	-0.1054
PY05083	0.1182	-0.2093	-0.3014	0.1506	0.0739	-0.0348	0.1371	0.0313	0.0426	0.2108	0.1602	0.5676
PY00968	-0.6204	0.542	0.2664	1.4687	-0.4819	0.4389	0.5715	0.8857	0.3036	0.6801	0.5712	0.4612
PY00961	0.1712	-0.1833	-0.4213	-0.135	0.211	-0.0463	-0.2036	-0.0224	-0.2054	-0.0686	-0.2092	0.0286
PY01330	0.2826	0.2246	0.602	0.7301	-0.4082	-0.0918	-0.2067	-0.0444	-0.0521	0.042	-0.5152	-0.1552
PY06472	-0.2014	-0.0903	0.3534	-0.2177	-0.228	0.1041	0.2523	-0.1939	0.1894	0.024	-0.3186	0.3857
PY03822	-0.614	-0.2761	-0.1093	0.1396	0.2526	0.1543	0.2017	0.0228	0.1243	0.0048	0.223	-0.1479
PY06369	0.9103	0.6443	0.6339	0.6472	-0.365	-0.173	0.1535	-0.4024	0.0102	-0.4223	-0.7365	0.0533
PY00769	0.7103	0.3425	0.1062	0.1635	-0.4349	-0.0261	0.1274	-0.2563	-0.131	-0.0651	-0.5205	0.2217
PY05612	0.1804	0.0807	0.0376	0.7946	0.5096	-0.048	-0.0915	-0.0393	-0.0616	0.4576	0.3328	0.0777
PY01151	0.2674	0.28	0.265	-0.7311	-0.5177	-0.0705	0.0862	-0.6034	-0.0371	-0.7288	-0.5795	0.0838
PY04000	-0.128	-0.1229	-0.1145	0.2679	0.4212	-0.0038	-0.1271	0.0983	-0.2112	-0.0576	0.4239	-0.0651
PY02772	-0.7221	-0.7127	-0.1792	-0.8806	-0.5559	0.0743	0.0407	0.0453	0.0064	-0.4537	-0.0371	-0.4898
PY07577	0.3281	-0.003	-0.1086	-0.5065	0.0877	-0.0426	0.1049	-0.0032	-0.0751	-0.2859	-0.2651	-0.5728
PY04919	-0.492	-0.1778	0.1883	-0.57	0.011	-0.1803	-0.0588	-0.2376	-0.0583	-0.2021	0.2442	0.1132
PY01635	0.3427	0.649	1.1245	-0.4898	-0.9225	-0.472	0.1808	-0.6343	0.2365	-0.8041	-0.7078	-0.1808
PY04243	-0.0702	0.1243	0.095	0.0752	0.2486	-0.1488	0.0948	-0.4671	0.1585	-0.2339	-0.2649	-0.0686
PY05092	-0.7984	-1.0531	-0.9355	-0.8958	-0.4444	-0.3236	0	-0.0149	0.0753	0.3892	0.7058	1.5501
PY04567	-0.7849	-0.558	-0.4297	0.218	0.3189	0.212	0.2708	0.6632	0.3281	0.0576	1.0565	0.0376
PY02796	-0.4377	-0.2376	0.0461	-0.0057	0.4043	0.0071	-0.1741	0.1016	-0.1868	0.0302	0.4284	0.1576
PY00400	0.2134	0.0805	-0.2654	0.3921	0.5024	0.0833	-0.3618	0.0417	0.0571	0.1359	0.5647	0.305
PY00563	0.164	-0.0103	0.3604	-0.1807	-0.2571	0.1345	0.057	-0.1125	0.3895	-0.2306	-0.4933	0.0151
PY02246	-0.2295	-0.5783	-0.4995	-0.4378	-0.1188	-0.2688	0.1296	0.0853	0.1629	0.0749	0.3257	0.0658
PY01623	-0.5478	0.0802	0.1919	-0.4435	-0.0596	-0.0321	-0.0524	0.1542	0.0064	-0.2669	0.1355	-0.4532
PY03617	-0.1631	-0.0052	0.239	-0.6045	-0.2485	-0.3676	-0.2477	-0.3582	-0.1327	-0.2794	0.0531	-0.2972
PY03600	-0.4749	0.121	0.0594	-0.0857	0.0504	0.1109	0.004	0.1444	0.299	0.0465	0.3886	0.1907
PY07025	-0.6201	-0.1415	-0.3284	0.0781	0.0173	0.2256	0.1153	0.2951	0.0868	-0.1262	-0.2191	-0.4658
PY05510	0.0909	-0.1314	-0.1011	-0.0867	-0.1687	-0.1306	-0.0449	-0.2379	0.0038	0.0881	0.0192	-0.0965
PY00239	1.3925	0.0224	0.2031	2.3783	2.3916	1.9759	0.7582	1.0101	-0.0659	1.4894	1.871	0.3187
PY04972	0.5784	0.0766	0.9379	-0.0601	-0.3099	0.2488	0.3551	0.1482	-0.4562	-0.0504	-0.6964	0.0991
PY07301	-0.0499	-0.1906	-0.4202	0.1317	-0.0489	-0.0423	-0.0301	-0.0172	0.4707	0.1962	0.0331	0.4266
PY00155	-0.1165	-0.1462	-0.0595	0.1622	0.0339	-0.0782	-0.3718	-0.11	-0.108	0.0267	0.1428	-0.1207
PY05292	0.3874	0.2486	-0.4657	-0.2333	0.2078	0.2908	0.0092	0.5854	0.0843	0.3774	0.5029	-0.1279
PY00522	-0.7769	-0.4518	-0.7241	0.3761	-0.3822	-0.445	-0.2009	0.3945	0.3112	0.4153	1.0572	0.3294
PY02931	0.2703	0.1117	0.0347	0.6993	0.2034	0.0849	-0.0204	0.0884	-0.166	0.3167	0.3303	0.1221
PY04808	0.1866	0.1675	-0.0559	0.2309	-0.1356	-0.1408	-0.3101	0.0163	0.0269	-0.1162	-0.1866	-0.2412
PY04421	-0.1649	-0.283	-0.4103	0.1635	-0.0795	-0.4874	-0.1499	0.1875	0.2239	-0.0335	0.1197	-0.0376
PY04270	0.2262	0.1752	0.1226	0.0052	-0.1277	0.1413	0.41	0.1403	0.0901	-0.041	-0.3818	0.2789
PY04522	-0.0922	-0.0464	-0.32	0.3891	0.1321	0.046	-0.0194	0.1972	0.0278	0.2937	0.5793	0.0561
PY05194	-0.004	0.2313	0.3691	-0.4054	-0.4009	-0.2372	0.0276	-0.1809	0.1653	-0.1316	-0.1368	0.1137
PY01130	-0.4934	0.0801	0.1452	-0.0079	-0.2437	0.3935	-0.0624	0.1406	-0.1933	-0.705	-0.7329	-0.6576
PY03175	0.2581	0.1157	0.2245	0.2534	0.0268	-0.0366	0.0427	-0.1232	-0.0388	-0.0561	-0.4598	0.1793
PY07388	-0.8322	-0.3557	-0.1863	-0.5345	0.4091	0.2287	0.0581	0.175	0.0527	-0.2317	0.1196	-0.3314
PY00182	0.2271	-0.093	0.2365	0.1554	0.0261	-0.0974	-0.1745	-0.162	-0.0047	0.1741	-0.1694	0.0248
PY03413	-0.4558	-0.1551	0.0802	-0.6666	-0.6578	0.0794	0.5784	0.3367	0.9483	0.0454	0.3346	0.4287
PY03674	-0.0772	0.096	-0.1261	-0.6223	-0.4099	-0.0155	-0.1152	-0.4282	-0.2859	-0.5754	-0.3105	-0.2208
PY06525	-1.328	-0.393	0.0134	-0.9653	-0.4194	0.2171	-0.0468	0.3044	0.3741	0.1063	0.4396	-0.1957
PY03710	-0.2174	-0.112	-0.1432	-0.0314	0.3682	0.1295	-0.1873	0.0415	-0.2213	0.2441	0.1422	-0.0797
PY06716	-0.0189	0.0794	-0.0635	1.0998	-0.563	0.1447	0.0368	0.0152	0.4228	-0.7972	-0.2562	0.4628
PY02910	0.2551	0.1256	0.2987	0.2853	0.0266	-0.0544	-0.2087	-0.1961	-0.3058	-0.6528	-0.1839	-0.2893
PY03291	-0.2034	-0.3056	-0.846	-0.2651	0.0412	-0.3933	-0.4131	-0.1578	-0.3979	0.0366	-0.2527	-0.0182
PY03001	0.3181	0.0572	0.2045	0.5357	0.2571	0.0763	-0.0241	-0.1613	-0.0157	0.119	-0.0799	-0.0389
PY02052	-0.3557	0.0096	0.2743	0.1476	-0.0446	0.0512	-0.1269	-0.1014	-0.3693	0.1304	0.1184	-0.3043
PY02567	-0.2397	-0.1362	0.0415	0.0286	-0.3438	-0.1206	0.1289	0.2531	0.3384	0.0181	-0.0912	0.0328
PY07150	0.102	0.1251	0.4208	-0.3641	-0.0972	-0.133	-0.1985	-0.3289	-0.2141	-0.2584	-0.3605	-0.283
PY06507	-0.1899	0.0957	0.0183	0.1331	0.2079	0.0915	-0.1696	0.163	-0.1826	-0.0721	0.2885	-0.3379
PY05283	-0.5267	-0.0615	0.0522	-0.0532	0.4233	-0.065	-0.0761	0.1824	-0.0147	-0.3839	0.0356	0.1134
PY03639	-0.6139	-0.2979	0.0475	-0.08	0.3094	0.0578	-0.3161	-0.2636	-0.2913	-0.3129	-0.1989	-0.3193
PY02328	0.2912	0.1646	0.3493	-0.3556	-0.0408	0.2488	0.14	-0.3471	0.1905	-0.2307	-0.5027	0.2786
PY01935	-0.1727	-0.1122	-0.0226	-0.2575	0.5235	0.0819	0.3233	0.2234	0.2894	0.07	-0.2195	0.0774

PY04928	-0.0967	-0.0544	-0.2133	-0.2125	0.3764	0.3273	0.2291	0.0854	-0.0923	-0.3062	-0.0441	0.1294
PY03411	0.0135	0.0514	0.2946	0.1137	-0.0347	0.3229	0.2682	0.2816	0.2805	-0.2315	-0.3369	-0.1036
PY00614	-0.0343	0.0454	0.2016	0.1533	0.0216	0.1758	-0.0708	0.0577	-0.302	-0.0402	0.3571	-0.0682
PY01032	-0.2308	-0.0064	0.1176	0.1115	-0.6193	-0.3613	-0.2032	0.2948	0.1565	0.0175	-0.2655	0.3751
PY02270	0.653	0.3131	0.7557	0.0545	-0.6753	0.0208	0.4464	-0.2737	0.5404	0.3398	-0.7183	0.6439
PY02919	-0.529	-0.2525	-0.0817	-0.0382	0.0449	-0.507	-0.3611	-0.0297	-0.1699	-0.038	0.5059	-0.1118
PY07117	0.8726	0.7967	1.0466	0.241	-0.3847	0.3099	0.7445	-0.073	0.4462	0.2184	-0.5554	0.6475
PY03421	-0.4075	-0.008	-0.1084	0.0996	0.5008	0.2112	-0.0801	0.0149	-0.2784	-0.5343	-0.2044	-0.4917
PY06200	-0.9782	-0.2173	0.0976	-0.4848	-0.291	-0.1301	-0.0893	0.0365	0.0252	-0.2313	0.0737	-0.3734
PY03960	0.2154	0.349	0.3255	0.4138	-0.3319	0.1694	0.1303	-0.1907	0.133	-0.5446	-0.6794	0.2298
PY00658	0.4585	0.6036	0.8673	0.2488	-0.1389	-0.1032	-0.0699	-0.5669	-0.0909	-0.3566	-0.3931	-0.0945
PY06777	-0.3947	-0.2006	-0.1676	0.3818	0.2696	0.1768	-0.1003	-0.1867	-0.3939	0.159	-0.0275	-0.3027
PY03349	-0.0057	-0.0227	-0.1906	0.8273	0.6941	0.2675	0.211	0.4831	0.4536	1.0372	0.7028	0.3166
PY05593	-0.4383	-0.2185	-0.4528	-0.6327	-0.5461	-0.2409	0.0672	0.0292	0.1952	0.1793	0.0789	0.4628
PY03817	-0.0184	-0.0272	-0.0273	-0.1395	-0.6365	-0.248	-0.1294	-0.1162	-0.0699	-0.1529	-0.4284	0.5201
PY03590	1.037	0.6305	0.0317	-0.8179	0.0075	-0.4317	0.1151	-0.0455	0.3457	-0.1902	0.1167	-0.0075
PY02398	-0.0903	0.0334	-0.3959	0.0597	-0.4431	-0.2666	0.2284	0.062	0.1546	0.4333	0.0451	0.607
PY06838	-0.2126	-0.0825	-0.1312	0.264	0.0456	-0.2247	-0.0528	-0.1415	-0.1053	-0.0773	0.1268	0.0542
PY02439	1.2979	0.426	0.3829	0.5634	-0.4194	-0.215	-0.0424	-0.4094	0.1276	-0.2873	-1.2851	0.2061
PY05847	-0.1283	0.082	-0.082	-0.0493	-0.2243	-0.0148	-0.3137	-0.1872	-0.0212	-0.2177	0.0913	-0.1887
PY05358	0.4261	0.3139	0.2369	0.6143	0.0744	0.1824	-0.0499	-0.5356	-0.2477	-0.3446	-0.5159	-0.1142
PY04017	0.4001	0.4175	0.2193	-0.6471	-0.4513	-0.6355	0.4368	-0.702	-0.0171	-0.7753	-0.4294	-0.1627
PY06573	0.8761	0.141	0.2646	0.2953	0.1605	-0.0523	0.0461	-0.2262	-0.4266	-0.3987	-0.3819	0.0915
PY01115	0.2573	0.1968	0.1964	0.1221	-0.0209	0.0023	0.0053	-0.3612	0.0821	-0.531	-0.4267	0.065
PY04003	-0.2957	-0.182	-0.3029	0.2291	0.4862	-0.1895	-0.0148	-0.2461	-0.0826	0.3596	-0.0656	-0.1027
PY04079	-1.1984	-0.1671	-0.0814	-0.5953	0.0546	0.1106	0.0766	0.0589	-0.0731	-0.0817	0.315	-0.0735
PY07373	0.2677	-0.1539	-0.5625	0.1135	-0.069	-0.1112	-0.0837	0.0054	-0.1498	0.1897	-0.0897	0.3558
PY02425	-0.4932	-0.0784	-0.0803	-0.6454	-0.2818	-0.3037	-0.4208	-0.1059	-0.3764	-0.4027	-0.1068	-0.2628
PY04319	0.1308	0.0641	0.0353	0.4309	0.3513	0.2035	-0.0877	0.1025	0.0923	0.2144	0.5627	-0.0735
PY03165	-0.6056	-0.0242	0.2435	-0.0535	-0.2238	-0.3954	-0.1453	0.1125	-0.0679	-0.1289	0.2724	-0.2087
PY05018	-0.0209	0.5249	0.1306	-0.2994	0.1779	0.0385	0.3119	-0.1418	0.3907	0.0709	1.3178	-0.2002
PY03753	0.8722	0.573	0.7641	0.0802	-0.2996	0.2896	0.5396	-0.2026	0.1697	-0.1089	-0.7166	0.2634
PY01056	0.2735	-0.0654	-0.0477	0.1377	-0.0609	0.0686	-0.0284	0.0613	-0.1621	-0.5688	0.0033	-0.1406
PY03452	0.731	0.4671	0.28	-0.262	0.1514	-0.5395	0.3284	-0.6135	-0.0461	0.188	-0.2402	0.1644
PY07462	-0.1933	0.0734	0.3507	-0.7895	-0.464	0.1824	0.184	-0.3997	0.2323	-0.5147	-0.3963	0.3335
PY00216	0.4289	0.3443	0.25	-0.4291	-0.2772	-0.2472	0.1112	-0.4518	0.1111	-0.4123	-0.7218	0.1074
PY05835	-0.0296	0.2858	-0.1316	-0.1015	0.3039	0.2435	0.1397	-0.1371	-0.0312	-0.2754	0.0629	0.115
PY00248	0.0822	-0.1335	-0.0576	0.4767	0.343	0.0822	0.0183	0.1735	-0.2595	0.3291	0.9056	-0.0718
PY05530	0.0386	0.0952	-0.3002	0.6796	0.4323	0.3009	-0.1386	0.3705	-0.3397	0.4355	0.2596	0.1132
PY01195	-0.6323	-0.3138	-0.1892	0.9269	0.0213	0.1286	-0.3242	0.4087	-0.1709	0.132	0.1737	-0.2223
PY05869	-0.755	-0.0229	0.1188	0.4954	-0.1209	-0.0287	-0.0305	-0.073	0.0359	0.059	0.0052	-0.0305
PY05486	0.6438	0.2477	0.2537	0.1961	0.1374	-0.0716	-0.2196	-0.4528	-0.1413	-0.3687	-0.3898	-0.301
PY02803	-1.2935	-0.3203	0.15	-0.5269	-0.1283	-0.0683	-0.1333	0.0614	-0.171	-0.0994	0.2637	-0.5662
PY00473	-0.2214	-0.2369	-0.7912	-1.1694	-0.2114	-0.0228	0.3116	0.3896	-0.0435	-0.2646	0.0497	-0.481
PY01897	-0.2756	0.0171	-0.2075	0.0443	-0.3379	-0.4202	0.116	0.0913	0.2668	0.8405	-0.1005	0.6434
PY01588	0.1076	0.1706	0.1941	0.2174	-0.4368	-0.3098	-0.3198	-0.1157	-0.092	0.0706	-0.0508	-0.1947
PY00684	0.5844	0.2509	-0.0936	0.1455	0.0714	0.2723	0.1327	0.1875	0.175	0.1921	-0.1437	0.259
PY01322	0.134	0.552	-0.7287	-0.1783	0.0842	-0.1977	0.0699	0.6318	0.0557	0.2532	0.2932	-0.4838
PY06358	-0.1323	-0.2215	-0.8265	0.135	-0.2901	-0.258	-0.0699	-0.0093	0.2993	0.1954	0.3733	0.2036
PY05809	-1.1111	-0.4337	-0.1848	-0.7042	-0.4805	-0.47	-0.1611	0.2695	0.0996	0.2293	0.507	-0.104
PY07355	-0.0665	0.0495	0.1539	-0.2837	-0.1827	0.0281	-0.0542	-0.234	0.0534	0.2256	-0.0026	0.2256
PY03574	0.1743	-0.1083	-0.1332	-0.3706	-0.1509	-0.299	-0.1607	-0.4343	-0.3368	-0.4694	-0.7609	-0.3401
PY00380	0.3774	0.2008	0.0652	0.1154	-0.1589	-0.1227	-0.1465	0.2461	0.0721	0.1502	0.0627	0.2805
PY03122	0.6614	0.2236	0.71	-0.0773	-0.014	0.2878	0.0464	-0.0081	0.1749	-0.0407	-0.4421	0.3488
PY06061	-0.1502	-0.111	-0.4448	-0.2654	-0.1526	-0.2009	-0.3686	0.012	-0.4564	-0.0528	0.3287	-0.1712
PY07637	-0.4719	0.1446	0.0151	0.5754	-0.1358	-0.0439	-0.0727	0.4904	0.1794	-0.1563	0.0064	-0.2865
PY06247	-0.4648	-0.0716	-0.2011	-0.3859	-0.4833	-0.3314	-0.1598	0.2721	0.2028	-0.3395	0.8265	0.1158
PY02979	0.242	0.0027	0.0935	-0.1957	0.1563	0.3387	0.2517	-0.0351	0.0545	0.3779	0.2519	0.183
PY06516	-0.1482	0.0174	0.0735	-0.0652	0.0735	0.1217	0.1837	0.1157	0.6221	0.2349	0.0431	0.3856
PY02926	0.066	-0.4124	0.1715	-0.7246	-0.121	0.0252	0.0566	-0.6943	-0.1947	-0.6561	-0.1854	0.1345
PY01072	-0.1311	-0.0698	-0.097	-0.2744	-0.2042	-0.1324	-0.0851	-0.0232	-0.0714	-0.0232	-0.205	0.0629
PY00595	0.0372	0.1036	0.1842	-0.3474	-0.0378	-0.0941	-0.2784	-0.351	-0.0748	-0.2707	-0.1225	-0.2679
PY05076	-0.8879	-0.629	-1.2515	-0.3733	0.2643	0.3304	0.1621	0.5058	0.226	0.0966	0.0863	-0.2628

PY05694	-0.2912	-0.0221	0.1696	0.1129	-0.1679	-0.2577	-0.2457	-0.1414	-0.0418	-0.0157	0.0918	-0.097
PY02589	-1.0055	-0.2751	-0.015	-0.7702	-0.3002	-0.3701	-0.3639	-0.2183	0.1324	-0.2266	-0.2422	-0.0847
PY06962	0.1855	0.2615	0.1423	0.2169	0.2296	-0.183	-0.1432	-0.1438	-0.0518	-0.1404	-0.1187	-0.0831
PY05544	-0.4521	-0.487	-0.7272	-0.2781	0.0659	0.0259	-0.0708	0.2861	0.0532	0.212	0.0139	-0.4952
PY00752	-1.2136	-0.6083	-0.3168	-0.1659	-0.0384	-0.3299	0.0448	0.1795	0.4192	0.6539	1.0401	0.2326
PY05048	-0.2965	0.0299	0.0705	-0.0943	-0.1471	-0.5543	-0.1835	0.0818	0.0307	0.0547	0.6038	-0.047
PY03014	-0.6112	-0.3357	-0.3304	0.3979	0.26	-0.1228	-0.0701	-0.0236	-0.0773	0.3171	0.3106	0.3386
PY06876	0.6798	0.2261	1.0079	0.3661	-0.0906	-0.0802	-0.4176	-0.5123	-0.1853	-0.4797	-1.0927	-0.3909
PY01826	0.105	0.1174	0.1448	0.1513	-0.3193	0.329	-0.0836	-0.1288	-0.1405	-0.0872	-0.4868	0.1562
PY00629	0.3606	-0.122	-0.3673	0.7267	0.501	0.3606	0.1613	0.2466	-0.1576	0.5771	-0.5181	0.1639
PY02029	-0.4206	0.0513	0.306	0.1752	0.1985	0.1238	0.18	0.0461	0.0284	0.383	0.5205	0.4644
PY02066	-0.9123	0.0888	-0.3253	-0.7467	-0.0539	-0.0158	0.2417	0.3609	0.169	-0.1568	0.0796	0.3596
PY03112	0.4369	0.2007	0.0039	0.0717	0.2165	-0.076	-0.0072	-0.2959	-0.0321	-0.0334	-0.1286	0.0552
PY02188	-0.2306	-0.101	0.4084	0.2058	0.3004	0.0917	0.2192	-0.0417	0.1681	0.1477	-0.0784	0.38
PY04055	-0.4748	0.2818	0.5441	-0.5873	-0.1121	0.5	0.398	0.5487	0.5627	0.0289	0.3584	-0.1695
PY03649	-0.164	-0.1548	-0.6485	0.5647	0.2272	0.1649	-0.1655	0.0552	-0.2799	0.3652	0.0286	0.0497
PY01117	0.0407	-0.125	0.0397	-0.0351	0.2587	-0.3149	-0.2803	0.0317	-0.207	0.3654	0.3451	-0.2357
PY05539	-0.1819	0.1459	0.1113	-1.0628	-0.1678	0.3808	0.178	-0.3678	-0.0805	-0.3435	-0.604	0.1054
PY05100	0.605	0.275	0.378	-0.0545	-0.1011	-0.2365	-0.1365	-0.205	-0.0945	-0.5337	-0.2944	0.0732
PY05185	0.0105	-0.2954	-0.398	-0.0967	-0.0091	0.0375	-0.2027	-0.0626	-0.0153	0.041	0.1022	0.1829
PY02844	0.2443	0.3386	0.0802	0.3239	0.0938	0.2	0.104	0.3813	0.1139	0.4906	-0.2775	0.1301
PY03553	-0.15	-0.3493	-0.2692	-0.4584	0.2201	-0.0206	0.0852	-0.0391	0.0608	0.1366	0.2449	0.1242
PY06393	-0.4501	-0.5059	-0.4512	-0.502	-0.227	-0.0493	0.1116	0.5208	0.3326	-0.1151	0.3142	-0.2785
PY05832	0.1609	0.1341	-0.2398	1.2766	1.5402	1.6047	-0.2154	0.8103	-0.0786	0.8986	1.2613	-0.1795
PY03299	-0.7823	-0.1863	-0.269	-0.2653	-0.1006	0.1972	-0.1299	0.2496	0.1974	-0.0968	0.05	-0.7423
PY05812	1.1929	0.7249	0.941	0.8849	-0.1876	0.5065	0.6598	-0.0763	0.4169	0.1705	-0.0366	0.7867
PY05683	0.3617	0.4417	0.2688	-0.8423	-0.2503	-0.0367	0.1539	-0.5959	-0.0873	-0.6449	-0.6981	-0.4515
PY06599	-1.5784	-0.8242	0.371	-0.4956	-0.1428	-0.2313	-0.2872	-0.1528	-0.0658	-0.0894	0.6521	-0.2067
PY06508	0.5731	0.4015	0.0717	-0.4439	-1.3068	-0.4564	-0.1091	-0.8775	0.1983	-0.8672	-1.1232	-0.1808
PY04491	-1.4604	-0.1824	-0.0548	-0.53	-0.4726	-0.2467	-0.1695	0.1226	-0.0247	0.0596	0.4002	-0.3276
PY00092	-0.0544	0.1625	0.3332	-0.455	-0.2501	-0.2405	0.2838	-0.1008	0.2911	-0.2145	-0.299	0.2844
PY04712	-0.2824	-0.1576	-0.0046	-0.1121	-0.1722	-0.4586	-0.4401	-0.1675	-0.2204	-0.1202	0.0861	-0.3974
PY02623	-0.1235	-0.1123	0.2014	0.0752	0.1893	0.1162	0.3728	0.2186	0.3075	0.3068	0.13	0.0094
PY03040	0.8241	0.4479	0.8497	0.3943	-0.2443	0.0741	0.4276	-0.2962	0.2191	0.0394	-0.4663	0.5311
PY01292	0.0576	-0.1556	0.0963	-0.3836	-0.0055	0.0729	0.1542	0.0555	-0.0493	-0.0526	-0.2527	-0.005
PY02054	-0.4355	-0.0514	-0.4393	-0.5926	-0.6093	0.1858	0.1492	0.0304	0.2095	-1.1446	-0.0494	0.2252
PY01726	-0.0266	-0.1476	0.1062	-0.3052	0.0769	-0.1387	-0.1499	-0.2801	-0.1906	-0.1269	0.0267	-0.027
PY04353	0.0034	-0.3364	0.096	-0.1732	-0.0998	0.0356	0.3402	-0.1023	0.262	0.4735	-0.1107	0.4084
PY05731	0.2024	0.0181	-0.1028	-0.4531	0.1068	-0.0767	-0.1627	-0.2454	-0.7895	-1.3021	-0.2873	-0.7473
PY02075	1.1628	0.4225	-0.5039	-0.157	-0.0711	0.2225	0.4422	0.1324	0.2271	-0.2486	-0.0141	-0.3367
PY06630	0.5689	0.4712	0.6893	-0.1356	0.128	-0.2526	-0.2682	-0.4552	-0.3407	-0.4721	-0.6001	-0.4717
PY00199	-0.8123	-0.265	-0.5901	0.0526	0.9335	0.0657	-0.1798	0.2264	-0.3738	0.1558	0.0819	-0.5067
PY02135	-0.1703	-0.0555	0.0797	-0.5207	-0.4666	-0.0268	0.1277	-0.0669	0.0455	-0.9117	-0.1562	-0.0635
PY01883	0.3878	0.2258	0.3226	-0.3672	-0.2098	0.0124	0.0567	-0.2155	0.2088	-0.5281	-0.3659	0.0254
PY06386	0.8918	0.5703	0.8289	0.1911	-0.3625	0.0603	0.5907	-0.1177	0.0271	-0.2766	-0.2043	0.7069
PY03464	-0.7742	0.0813	0.2978	0.0695	-0.4056	-0.2133	0.0382	0.1583	0.0814	0.4007	0.9881	0.0714
PY02315	-0.4071	-0.0058	0.0463	0.0256	0.2222	-0.0852	0.1553	0.2706	0.1967	-0.1267	0.5292	-0.0036
PY01094	-0.2973	-0.6118	-0.5266	0.3198	0.4512	0.1468	-0.0978	0.2382	-0.354	0.8061	0.2974	-0.0106
PY06306	0.0427	0.021	-0.1313	0.2268	-0.1344	0.2223	0.1091	-0.0552	-0.1262	-0.1376	-0.3087	-0.2718
PY02307	-0.1767	-0.0233	-0.0776	0.5172	0.3095	0.0005	-0.0358	0.6182	0.0244	0.4773	0.18	-0.1186
PY03064	-0.1388	0.0326	0.1292	-0.0706	-0.3627	0.1936	-0.2383	-0.1569	0.1974	-0.3217	-0.3842	0.1676
PY07056	0.3599	0.1191	-0.2411	-0.2734	-0.3626	-0.3607	-0.3935	-0.1932	0	-0.1155	-0.2127	-0.3795
PY05088	0.0914	-0.0886	-0.304	0.6986	1.0386	-0.0258	-0.2395	-0.0689	-0.353	0.1725	0.2352	-0.0023
PY03623	0.9568	0.5845	0.7444	0.0345	-0.2925	-0.0866	0.1878	-0.0535	0.1954	0.5418	-0.2617	0.2664
PY05589	-0.0694	0.1075	0.1409	-0.0241	-0.0397	0.1281	0.0409	0.0073	0.2005	-0.1341	0.5376	-0.0091
PY02527	-0.2167	-0.0141	-0.0418	-0.1608	-0.334	0.0451	0.0135	-0.2302	0.2158	-0.0477	-0.1326	0.1193
PY05183	-0.3462	-0.2453	-0.414	-0.6308	-0.0568	-0.1635	0.4505	-0.1828	0.2001	-0.652	0.0934	-0.2097
PY01068	-0.01	0.0895	0.1525	0.0118	-0.2563	0.1246	0.1703	-0.0546	0.0562	0.3655	-0.2254	-0.0336
PY06669	-1.1475	-0.4808	-0.1289	-0.6196	-0.2343	-0.1842	0.0244	0.5955	0.2192	0.2231	0.3853	-0.3348
PY05601	-0.4162	-0.0644	0.0362	0.1648	0.4693	0.2724	0.2049	0.2664	0.138	-0.0227	0.4499	-0.028
PY01896	0.2997	0.1067	-0.2086	-0.2548	-0.2652	-0.1706	0.14	-0.179	-0.1531	0.0089	-0.2884	-0.3
PY06406	0.0957	0.1792	0.3421	0.1541	0.0875	0.2921	0.023	-0.0435	-0.1213	-0.018	-0.256	-0.1152
PY01358	0.1324	0.0665	-0.3236	1.8211	1.3598	0.883	-0.1382	0.6645	0.0033	-0.1996	1.3268	-0.001

PY06703	0.3205	0.0794	-0.6125	-0.7466	-0.3066	-0.2384	-0.1595	0.0068	-0.1394	-0.1592	0.3558	-0.1449
PY06122	-0.7064	-0.3971	-0.3379	-0.4987	-0.3338	-0.3906	-0.1872	0.3815	0.4891	0.6735	1.0237	0.7799
PY00835	0.8565	0.6111	0.3113	-0.2502	-0.4213	0.228	0.5938	-0.284	0.0388	-0.3105	-0.1663	-0.0478
PY06212	0.2027	-0.091	0.1008	-0.0596	0.0361	-0.0983	0.1086	-0.2194	0.0857	-0.0119	0.0447	0.3156
PY00021	-0.1662	-0.0459	-0.1928	-0.6242	-0.097	0.2994	0.0428	-0.3831	-0.1676	-0.0297	-0.6505	-0.8906
PY06316	-0.6435	-0.4149	-0.5537	-0.5193	-0.2439	-0.124	-0.0268	0.1202	0.0139	-0.4068	0.0616	-0.6466
PY01076	-0.8241	-0.3645	-0.3039	0.501	-0.0457	-0.3746	-0.2166	0.1927	0.0013	0.4099	0.5511	-0.2404
PY03781	1.1184	0.638	-0.5009	-0.3004	0.2371	-0.3584	-0.295	-0.433	-0.4829	-0.2336	-0.3217	-1.0058
PY03186	0.9349	0.7252	0.9158	0.3213	-0.5987	0.5654	0.5975	-0.3034	0.1811	-0.3926	-1.0565	0.3074
PY00535	-0.1843	-0.0424	0.1413	0.0297	-0.1004	-0.2502	0.0743	0.1595	-0.0663	-0.1706	0.0734	0.0094
PY04445	0.0008	-0.1157	0.1199	0.1318	0.171	-0.261	-0.2045	-0.137	0.1755	-0.3854	-0.0627	-0.0604
PY00642	1.3028	0.4606	-0.2692	0.9242	-0.2229	-0.3295	-0.3879	-0.7141	-0.3008	0.0834	-0.5819	-0.7608
PY06416	-0.4941	-0.334	-0.5346	-0.2068	0.2478	0.0858	-0.0981	-0.0282	-0.0188	0.122	0.0055	0.1582
PY02714	0.4776	0.075	-0.3265	0.2691	-0.5224	-0.2264	-0.2884	0.0899	-0.1071	0.1702	-0.082	0.0149
PY03900	0.6362	0.284	0.173	0.5162	-0.0635	-0.1336	-0.2967	-0.3652	-0.2714	-0.1937	-0.7392	-0.0252
PY04929	0.0622	0.0969	0.033	-0.2985	-0.5239	-0.4859	-0.2457	-0.0892	0.0121	-0.3433	0.022	-0.3483
PY02963	0.007	-0.0658	-0.3986	0.0821	0.2888	0.114	0.0977	-0.0126	-0.2677	0.1167	-0.0656	0.1462
PY02512	-1.2082	-0.6017	-0.4505	-0.6598	-0.1007	0.0477	-0.5005	0.0392	0.0131	0.3311	0.701	0.094
PY02251	-0.2838	-0.0564	-0.0409	-0.4266	-0.0685	-0.0608	0.1982	0.1887	0.4183	-0.4553	0.1969	0.3029
PY02853	0.0831	0.121	-0.0051	-0.2276	0.1962	0.0649	0.1514	-0.0302	0.3496	-0.1683	0.2638	0.5075
PY03842	-0.4656	-0.1856	-0.3678	-0.3929	0.1202	0.1465	0.2527	0.5347	0.4481	0.7428	1.5833	0.6295
PY05853	-0.0131	-0.184	-0.2669	-0.6585	-0.3395	-0.2594	-0.0905	-0.0026	0.0133	0.1675	0.0027	-0.0936
PY03907	0.1808	0.1129	0.0257	0.2398	0.1179	0.1177	0.2235	-0.0322	0.0573	0.0251	0.2231	0.0146
PY06557	-0.1011	0.1835	-0.1735	0.3942	0.1674	0.3242	0.206	-0.0293	0.2157	0.3863	-0.1994	0.3455
PY06943	0.199	-0.0107	0.1891	0.7925	0.2393	-0.2804	-0.0141	0.1272	-0.563	0.8617	-0.3061	0.101
PY06869	-0.1776	-0.2855	-0.0817	0.1967	0.218	0.18	0.2099	0.1743	0.3321	0.1117	-0.1277	0.5571
PY04556	-0.3652	-0.5491	-0.6332	-0.6374	-0.0076	-0.1848	-0.2278	0.1004	0.1158	0.3283	0.5579	0.0119
PY05699	0.1546	-0.0436	-0.1768	-0.3777	0.1969	0.0801	0.1456	0.0005	0.016	-0.3806	-0.204	0.1219
PY01367	-0.9771	-0.2786	-0.1523	-0.4157	0.3136	0.4418	0.1121	0.1811	-0.0873	0.1174	0.0594	-0.1848
PY00663	0.2406	-0.0162	-0.0951	-0.1478	-0.1087	-0.1136	0.0446	0.0916	0.1741	0.274	-0.1109	0.5376
PY02925	-0.7507	-0.1438	0.2849	0.5935	-0.0098	0.1286	-0.0794	0.0315	0.0673	0.0318	0.2545	-0.4705
PY01364	0.2829	0.1192	-0.2701	-0.4943	-0.0347	0.1371	-0.1391	0.3652	0.4561	0.5418	0.6452	0.3701
PY04407	0.2314	0.1976	0.4935	-0.3106	-0.1682	0.1831	0.2475	-0.146	-0.0709	-0.6463	-0.0671	0.0672
PY02528	-0.4368	0.2016	0.2197	-0.8773	-0.3671	-0.2993	-0.238	-0.1619	0.0043	-0.5801	0.2453	0.031
PY04033	0.0606	0.2157	0.0651	-0.9315	-0.0226	0.0622	0.0374	0.0255	0.1437	-0.7402	-0.1447	0.1682
PY05724	0.2809	0.0016	-0.0635	0.4753	0.1489	0.0274	-0.0862	0.2924	0.3432	0.7855	0.6104	0.0739
PY01704	-0.059	-0.0971	-0.1452	-0.3365	-0.3744	-0.046	-0.2668	-0.285	-0.0618	-0.1932	-0.2253	0.0225
PY01495	0.0508	-0.0865	0.3053	-0.1426	-0.3511	-0.1093	0.2858	0.1032	0.2711	-0.0144	-0.4279	0.0236
PY03886	-0.0739	-0.4059	-0.0335	-0.1764	0.0432	-0.0257	0.0256	-0.1505	-0.0688	-0.596	0.6687	0.029
PY01919	-0.934	-0.2617	0.1453	0.1185	-0.368	-0.2821	0.0911	0.7092	0.5355	-0.1203	0.3454	-0.727
PY02226	0.0538	0.0235	-0.0408	0.223	0.1105	-0.1527	-0.1457	-0.0994	0.1011	0.11	0.0062	0.2121
PY01325	-0.0679	-0.237	0.2331	-0.5371	-0.1163	-0.8424	-0.7095	-0.5829	-0.3501	-0.253	-0.1285	-0.2036
PY01473	0.1686	0.0398	-0.1553	-0.1131	0.022	-0.1686	-0.0541	-0.1048	-0.2372	0.003	0.1412	0.0492
PY01267	0.258	0.0094	0.119	-0.56	-0.3571	-0.0503	0.0939	-0.1697	0.0087	0.2692	-0.4007	0.2249
PY06552	0.2907	0.3504	0.4574	-0.1527	-0.0816	-0.0484	0.0864	-0.2924	0.0626	0.2278	-0.1936	0.4223
PY02330	0.0725	0.2038	-0.5085	0.2307	-0.1913	-0.3395	-0.0618	0.3535	0.3288	0.0465	0.1758	0.2107
PY01203	0.009	-0.2041	-0.0114	0.1567	0.1605	-0.0423	0.048	0.1175	-0.0384	-0.1487	0.1542	0.3167
PY01302	0.0669	-0.3987	-0.0075	-0.1495	-0.1741	0.1183	-0.3938	-0.0422	-0.1098	0.572	-0.7707	0.1925
PY03468	-0.0209	0.2268	0.1912	0.2824	0.3205	0.1139	0.1226	0.1957	0.2469	0.1956	0.8021	0.519
PY07016	1.3506	-0.1655	-0.3597	1.1905	0.9535	-0.1529	0.0236	0.1025	0.0138	0.469	1.9725	0.0552
PY00625	-0.9401	-0.2519	-0.1489	-0.1665	-0.1566	-0.5222	-0.0753	0.2792	0.0985	0.0734	0.2538	-0.2795
PY07471	-1.081	-0.4483	-0.0545	-0.8405	-0.7735	-0.4347	-0.0394	0.2392	0.3277	-0.2818	0.4022	-0.2806
PY01806	0.0966	0.0284	0.0883	-0.0166	0.1162	-0.0358	0.0185	0.298	0.1337	0.2404	0.0817	0.2622
PY04023	-0.1587	0.1362	-0.45	0.3271	0.5436	-0.2197	0.214	0.1368	-0.6724	0.2609	-0.1948	-0.5282
PY00224	-0.3059	-0.0694	0.011	0.3824	-0.0958	-0.2968	-0.2872	0.1621	0.1254	0.1575	0.8792	-0.0718
PY03628	-0.4914	-0.569	-0.8028	-0.3232	-0.3049	0.0925	0.1135	0.172	0.1175	0.1761	0.0214	0.0453
PY07448	0.9583	0.3465	-0.0377	-0.0696	-0.2372	-0.1395	0.0513	-0.1594	0.2511	-0.1133	-0.5409	0.408
PY03442	-0.7435	-0.1239	0.277	-0.7462	-0.3405	-0.4965	-0.3396	-0.6118	-0.132	-0.5272	-0.632	-0.3712
PY05472	-0.983	-0.3065	-0.4478	-0.2556	-0.2927	-0.2513	-0.1025	0.0193	0.0994	0.1505	0.3815	0.2516
PY04044	-1.0536	-0.2142	0.3494	-0.141	-0.4341	0.1116	-0.0963	0.464	0.0436	-0.1438	0.4156	-0.676
PY02646	-0.3845	-0.2022	-0.0692	-0.287	-0.3464	-0.1285	-0.1979	0.0889	-0.024	-0.3339	0.1359	-0.0617
PY07648	0.5737	0.0551	0.4414	0.5814	0.1322	0.0718	0.3191	-0.1262	0.4292	0.1671	-0.2051	0.3968
PY00731	-0.5052	-0.5455	-0.4749	-0.0983	0.4169	-0.1523	-0.0867	0.1771	-0.4467	0.2194	0.3483	-0.3525

PY01572	1.0411	0.7941	0.7427	0.4352	-0.8329	-0.0125	0.65	0.0425	0.5972	0.5456	-0.646	0.7984
PY07141	0.6489	0.3792	0.1306	0.5299	-0.0823	0.3205	-0.01	-0.2906	-0.1008	-0.4015	-0.6459	-0.2242
PY05913	0.4074	0.2915	-0.1851	0.0679	0.1441	-0.2372	-0.298	-0.1665	-0.4335	-0.0781	0.1274	0.0374
PY06116	-0.3125	-0.4794	-0.6709	-0.3808	0.062	0.0794	0.0492	0.0113	0.2011	-0.1461	0.6892	0.1457
PY00358	-0.4597	0.0536	0.1507	-0.1653	-0.3609	0.1425	0.0891	-0.0801	0.2436	-0.2992	-0.1375	-0.1332
PY05599	0.3186	-0.0054	-0.1396	-0.0157	0.0774	0.1864	0.2556	-0.0744	0.5333	0.4386	-0.0889	0.4481
PY02007	-1.176	-0.414	-0.2062	-0.5991	-0.0603	-0.2453	-0.0669	-0.0053	0.0983	-0.1493	0.8169	0.0358
PY05553	0.9033	0.6305	0.3015	0.5612	-0.2312	0.4696	0.2156	-0.006	0.0311	0.158	-0.8873	0.3652
PY00852	0.1576	-0.1673	0.0896	0.4551	0.1259	-0.2353	-0.4415	-0.0896	-0.6381	-0.0031	0.3274	-0.3304
PY03765	-0.4224	-0.6746	-1.1555	-0.4301	0.212	-0.2732	-0.4212	0.1073	0	-0.4298	-0.0449	0.009
PY02748	-0.3681	-0.1135	-0.1941	0.0397	0.1936	-0.1443	-0.1927	-0.0032	-0.7752	0.0832	0.0977	-0.7441
PY06589	-0.1167	-0.2071	0.2516	-0.1892	1.0552	-0.2977	-0.0901	-0.2148	-0.0069	-0.6157	-0.5328	0.0978
PY06789	-0.433	0.1163	0.2258	-0.1503	-0.1193	-0.3832	-0.1597	-0.0279	0.1429	0.7153	0.1411	-0.2913
PY06980	-0.2188	-0.0557	-0.1859	0.7392	0.5502	-0.0019	-0.2066	-0.3175	-0.2449	0.4484	-0.1633	0.1412
PY04977	0.2661	0.3478	0.1064	0.0245	-0.075	-0.094	-0.3823	-0.4638	-0.3949	-0.2535	-0.5559	-0.3633
PY01664	0.3732	0.1826	0.1603	0.1074	-0.1533	0.1173	-0.0168	-0.2481	-0.2719	-0.1352	-0.5803	-0.2651
PY01763	-0.7768	0.1904	0.1852	-0.7514	-0.4175	-0.1128	0.0802	-0.196	-0.3021	-0.2582	-0.3169	-0.6771
PY04511	0.3097	0.0414	0.176	-0.2882	-0.0269	-0.2211	0.0294	-0.2877	-0.0615	-0.2973	-0.3003	-0.046
PY02388	0.1974	0.0864	0.0176	-0.5727	-0.5527	-0.3021	-0.0363	0.0117	0.1366	0.0877	-0.1676	0.3885
PY06047	-0.5158	-0.7282	-1.3584	-1.21	-0.7738	-0.397	0.1598	0.1967	0.3254	0.5583	0.8495	0.6755
PY03642	-0.5836	-0.9168	-0.8696	-0.3295	0.1447	0.1001	0.055	0.3488	0.3093	0.112	-0.0573	-0.4216
PY06347	-0.7815	-0.2853	0.4179	0.3699	0.4227	0.3824	-0.0901	0.1971	0.2703	0.354	0.2634	0.1099
PY05723	0.037	0.1473	0.0093	-0.1634	0.0053	-0.261	-0.1367	-0.2284	-0.1581	0.0495	0.0262	-0.8593
PY00245	0.6145	0.0918	-0.1765	-0.7297	-0.0419	0.0494	-0.1585	-0.4459	-0.2102	-0.1884	-0.5836	-0.1454
PY05680	0.082	0.0699	0.5044	-0.002	0.1156	0.143	0.4126	0.1263	0.2755	0.0804	0.0771	0.1202
PY04504	-0.3497	-0.2514	-0.1337	0.0725	-0.2612	-0.2852	-0.0262	0.0131	0.4342	0.2717	0.0644	0.291
PY05052	-0.0335	0.2619	-0.0339	0.1179	-0.0018	-0.2195	-0.3005	-0.3387	-0.1461	-0.1753	0.5037	-0.0129
PY00008	0.1039	-0.7005	-0.5606	0.2233	-0.3368	-0.1224	-0.6822	0.5983	-0.2437	0.9181	0.1114	0.1866
PY03990	-0.0624	-0.0029	-0.5012	0.0583	0.1768	-0.5072	-0.2116	-0.0749	-0.4745	-0.0807	-0.0699	-0.1602
PY05064	-0.9488	-0.2169	0.1024	-0.2939	-0.3065	0.1238	-0.0269	0.1858	0.0129	-0.0061	0.0998	-0.3041
PY03942	-0.7069	-0.1492	0.0232	-0.5083	-0.0565	-0.0176	0.0457	-0.1237	0.391	0.1087	0.4886	0.5215
PY04202	-1.0544	-0.1176	-0.1894	0.5171	-0.4607	-0.5119	-0.2615	0.2017	0.202	0.2529	0.299	0.1382
PY04853	-0.152	-0.1726	0.124	0.0371	0.2092	0.0201	-0.1462	0.0264	-0.1543	0.1598	0.2015	0.0409
PY02750	-0.9119	-0.2664	0.1317	-0.4373	-0.4232	-0.5698	-0.2481	-0.0475	-0.0083	0.2575	0.5366	0.3411
PY06008	0.46	0.0825	0.1542	0.1523	0.0867	-0.1699	-0.1799	-0.2301	-0.2171	-0.0402	-0.3096	0.1013
PY03463	0.2654	0.2486	-0.0369	-0.1765	-0.0496	0.1722	0.0413	-0.2744	0.0192	-0.121	-0.2321	0.1343
PY06538	0.145	0.1209	0.2089	0.3297	0.1906	0.4795	0.3206	0.3851	0.0954	0.1634	-0.0887	0.0596
PY05976	-1.0452	-0.5161	-0.0101	-0.0617	-0.3467	-0.1575	-0.2021	0.3731	0.156	0.4126	0.5601	-0.3175
PY06721	0.2922	0.1181	0.0623	0.6917	0.2036	0.0329	-0.2138	0.4043	0.0534	0.2955	0.1572	-0.1758
PY04548	0.1103	-0.0701	0.0542	-0.0308	-0.0992	-0.1142	-0.0371	-0.1823	0.1283	-0.1021	-0.2607	0.0856
PY06102	0.0601	-0.3944	-0.2049	0.1348	-0.0416	0.1406	-0.0659	0.0472	-0.174	0.7373	-0.078	-0.2402
PY04597	-0.5452	-0.3031	-0.0395	-0.5611	-0.1243	-0.1944	0.0571	0.0717	0.0534	-0.335	0.0346	-0.149
PY01408	-0.3059	-0.2179	-0.1003	0.3331	0.2041	0.4728	0.1087	0.114	-0.0364	0.0408	0.1787	-0.0751
PY01352	0.4425	0.2347	0.0074	-0.1526	0.1048	-0.1682	0.104	-0.1091	0.027	-0.1549	-0.17	0.0872
PY05002	0.0039	-0.2862	0.144	0.0414	0.1528	0.0183	0.019	-0.1982	-0.1011	0.4294	-0.1866	0.1019
PY05347	-0.9885	-0.5115	-0.2244	-0.1542	-0.0682	-0.1168	0.0472	0.2827	0.2222	0.42	0.5163	-0.7202
PY04670	0.2845	0.0649	0.1612	-0.3796	-0.1237	0.09	0.1173	-0.0379	-0.0062	-0.5288	-0.3778	0.16
PY06000	0.58	0.3352	1.0466	0.5623	-0.2202	0.302	0.6507	0.2371	0.5049	-0.3028	-0.3302	0.2316
PY00872	0.0277	0.0293	0.0756	0.337	0.488	0.4616	0.0594	0.1129	-0.2621	0.1328	-0.1484	0.2829
PY00332	-0.5384	-0.355	-0.2177	-0.0336	-0.0456	-0.3573	-0.1247	0.037	-0.0811	0.2293	0.6043	0.1223
PY01435	-0.5517	-0.1924	-0.4267	-0.0196	-0.1335	-0.1924	-0.2	0.2173	-0.1028	-0.2964	-0.0118	-0.2043
PY06404	-0.8513	-0.1593	-0.1193	-0.086	-0.3704	-0.1952	0.0039	0.2445	-0.0232	-0.132	0.596	-0.1455
PY01524	-0.2775	0.0931	0.263	-0.0378	0.2605	-0.2847	-0.1291	-0.2168	-0.221	-0.1496	-0.0872	0.0101
PY03109	-0.825	-0.4278	-0.1547	0.0491	-0.4974	-0.425	-0.1538	0.102	0.372	0.119	-0.2376	0.0215
PY03118	-0.3625	-0.1097	0.0837	-0.3496	-0.0805	-0.2029	-0.165	-0.3769	-0.2252	-0.4263	-0.057	0.023
PY01679	-1.0164	-1.0331	-0.6293	0.1096	-0.0383	-0.0724	-0.1403	0.0632	0.0788	0.1929	0.2754	0.1793
PY00909	-1.0085	-0.2499	-0.3228	-0.6137	-0.7206	-0.7312	0.1563	0.616	0.5464	0.7293	1.1763	0.4122
PY00179	-0.6872	-0.0635	-0.1443	0.6416	-0.3662	0.0215	0.3248	0.2116	0.4996	0.6751	0.4266	0.3962
PY05801	0.4674	0.0436	0.1542	0.4112	0.3885	0.2404	-0.2041	0.0255	-0.0045	-0.0939	-0.1056	-0.0805
PY06623	0.0244	-0.1984	0.1076	0.2984	-0.1273	-0.3145	-0.2199	0.2654	0.0116	0.371	0.2881	0.2773
PY03926	1.1634	0.7807	0.9876	0.01	-0.5026	-0.3653	0.4216	-0.2166	0.3492	0.0504	-0.8991	0.7427
PY07076	0.252	0.3332	0.3428	0.5636	-0.1153	-0.2349	-0.0864	-0.3401	0.0281	-0.3286	-0.4411	0.0525
PY00108	-0.1907	0.3817	0.3286	0.0266	-0.5135	-0.4243	-0.1483	-0.452	-0.1675	-0.0336	0.0864	-0.3145

PY04080	0.1918	0.2096	-0.0468	0.1052	-0.1784	0.3551	0.609	0.8134	0.145	0.4687	-0.0509	0.3515
PY05265	-0.0373	0.0084	-0.1763	0.3337	0.1445	-0.144	0.0725	-0.1806	0.0599	-0.0488	0.4001	0.1475
PY06906	-0.0806	-0.1138	0.447	0.1445	0.0598	0.4183	0.4973	0.0004	-0.4701	-0.1637	-0.0329	-0.106
PY01785	0.0072	-0.103	-0.5175	-0.0799	0.3558	-0.0635	-0.3189	-0.1048	-0.1686	0.1037	-0.0365	-0.053
PY06950	-0.431	-0.3319	-0.5188	-0.1916	-0.028	-0.2601	-0.2713	0.0371	-0.1499	-0.0027	-0.1481	-0.1773
PY00081	-0.81	-0.2494	-0.0838	0.3791	-0.1436	0.0654	-0.0396	0.3982	-0.415	0.2865	0.4877	-0.3742
PY00010	-0.527	-0.2333	-0.1789	-0.0264	-0.0639	-0.1814	-0.1512	0.0876	0.0759	0.0454	0.3836	-0.147
PY06103	-0.271	0.4604	0.0074	-0.2347	-0.7982	-0.1046	0.36	0.1262	0.3002	-0.4776	-0.0593	0.0519
PY02076	-0.6999	-0.1162	-0.6803	-0.122	-0.2303	-0.1707	-0.1993	-0.0825	0.1755	0.0291	0.0102	-0.1461
PY01801	0.2833	0.0731	-0.0963	1.3673	0.8339	0.1179	-0.2488	1.0857	-0.3165	0.8257	0.632	-0.2103
PY02064	0.0144	-0.1597	-0.2346	0.0549	0.1873	0.3716	0.0311	0.3413	0.2471	0.3518	0.4042	0.1412
PY00403	-0.612	-0.4303	-0.1757	-0.7965	-0.5607	-0.1465	-0.6968	-0.0444	0.3413	0.0575	-0.1511	0.4041
PY05908	0.2248	0.1161	-0.2744	0.42	-0.0168	0.1655	-0.0716	0.3071	-0.2668	0.0624	-0.0082	-0.0225
PY02215	-0.0233	-0.0612	-0.0928	0.9047	1.7595	0.303	-0.0325	-0.3508	-0.2758	-0.3501	2.0614	-0.3214
PY06183	-1.4767	-1.61	-1.4089	-0.4505	-0.0159	0.1666	-0.0316	0.1869	0.1325	-0.0861	0.6221	-0.2995
PY06099	-1.3771	-0.0306	0.276	-1.018	0.1913	0.1331	-0.0241	0.0774	-0.1027	-0.5645	0.2373	-0.7939
PY01791	-0.0529	0.0735	-0.1403	-0.2329	0.4627	0.0492	-0.3255	0.0299	-0.2073	0.0898	0.0272	-0.0205
PY00267	-1.0008	-0.377	-0.0568	-0.2086	0.033	-0.1111	-0.273	0.1179	-0.1924	0.1674	0.3417	-0.2693
PY05509	0.6855	-0.0183	0.3784	-0.3736	-0.1495	-0.3454	0.1394	-0.2981	0.4346	-0.0437	0.0004	0.541
PY05095	-0.0602	0.0971	0.0669	-0.148	-0.5479	-0.2421	0.005	-0.0916	-0.0776	-0.1829	0.178	-0.0087
PY04338	0.1273	-0.2749	-0.0166	0.0295	0.071	-0.0379	-0.0597	-0.6301	-0.0337	-0.2603	-0.4094	0.0053
PY07165	0.6722	0.4366	0.783	0.4078	-0.3689	-0.1397	-0.0463	-0.2724	-0.0119	-0.2876	-0.6548	-0.0299
PY03885	-0.1083	-0.1689	-0.2033	0.3575	0.5225	-0.1239	-0.4893	0.0702	-0.1007	0.2489	0.3906	-0.2055
PY00649	-0.1898	0.1142	0.0563	0.1546	-0.6462	-0.1764	-0.1108	0.008	0.5365	-0.5074	-0.2366	0.2092
PY04225	-0.1872	-0.0584	-0.0091	1.2631	0.1673	-0.0443	0.046	0.0362	0.0828	0.1169	0.1384	0.0509
PY00567	-0.9916	-0.1794	-0.1545	-0.0156	0.2015	-0.1479	-0.3087	0.0798	-0.0837	0.1207	0.5415	-0.2947
PY06671	-1.3035	-0.415	0.0152	-0.1778	-0.5715	-0.6163	0.0445	0.1871	0.2351	-0.7754	0.4857	-0.2959
PY01988	-0.1078	-0.2519	-0.4241	-0.1786	0.0059	0.0426	-0.0315	0.0586	-0.3105	0.3732	-0.1582	-0.3225
PY00726	0.0013	-0.2367	-0.4051	0.259	0.6083	-0.2068	-0.2839	-0.4128	-0.3352	-0.5412	-0.1588	-0.0557
PY02985	-0.3866	0.1573	-0.7289	-0.6111	-0.0561	-0.177	-0.1655	0.1612	0.2242	0.1743	0.4425	-0.2416
PY01564	-0.0953	0.0577	-0.3317	-0.1125	-0.0053	-0.52	-0.5864	0.0271	-0.0416	-0.2323	0.4094	-0.3512
PY02090	-0.5146	-0.0088	-0.0731	-0.4627	0.1309	-0.2075	-0.2924	-0.1497	-0.0322	0.1145	0.41	-0.2091
PY01428	0.0398	0.1722	0.0162	0.4374	0.6966	0.1948	0.1239	-0.0606	-0.1352	0.138	0.0627	0.1164
PY00406	0.0865	-0.2836	-0.0513	-0.3048	-0.508	0.1481	0.2187	0.3477	0.1569	0.3675	-0.2846	0.7677
PY02791	-0.8817	-0.2305	-0.1066	-0.0983	-0.6061	-0.4954	-0.0691	0.1976	-0.0537	0.0151	0.2058	0.0375
PY02947	-0.322	-0.187	0.0612	-0.5403	-0.1373	-0.0504	-0.1694	-0.2246	0.3265	-0.1336	-0.3154	0.2591
PY06976	-0.8661	-0.2764	-0.2323	-0.8458	-0.3825	-0.0406	0.2176	0.7958	0.3909	-0.0199	0.9403	-0.2918
PY04726	-0.8264	-0.2738	-0.2157	-0.0231	0.0244	0.0337	0.2859	0.3098	0.1748	-0.1455	0.0591	-0.1683
PY06192	-0.3942	-0.094	-0.238	-0.1117	-0.5221	-0.4318	-0.2393	0.165	0.4089	0.5172	0.5696	0.3279
PY05226	0.6134	0.2032	0.5653	0.2343	-0.19	0.1418	0.2682	-0.2838	-0.0313	-0.4271	-0.5022	-0.1097
PY04954	0.3504	0.0609	0.1822	0.2125	0.1548	0.0039	0.437	0.0047	-0.4692	0.2676	-0.3443	0.4044
PY03104	-0.8263	-0.0529	-0.0542	-0.1887	-0.2324	0.0226	0.0259	-0.0381	-0.0329	0.0832	0.1352	-0.0432
PY00790	0.1173	0.1931	0.0056	0.1382	-0.042	-0.0227	0.0886	-0.0629	0.1289	0.254	0.0008	0.1745
PY02835	-0.0524	-0.0401	0.0877	1.5663	1.3419	1.5476	0.1216	1.1531	-0.2769	0.9404	1.2715	0.098
PY05155	-0.2835	0.0031	-0.0784	0.3974	-0.2602	0.0452	0.0152	0.5197	0.0984	-0.0822	0.0981	0.0223
PY03544	0.3728	0.2437	0.1913	-0.1395	0.0169	0.1315	-0.1204	-0.1922	-0.1134	-0.0953	-0.222	0.0236
PY00343	0.292	-0.0505	0.1686	0.4428	0.1192	0.0062	-0.1792	-0.0052	-0.2846	0.1556	-0.2322	-0.235
PY03075	-0.2011	0.0049	-0.2037	0.3491	0.0913	-0.3144	-0.1046	0.2621	0.1905	-0.4574	0.3547	0.1115
PY02618	0.4403	0.2378	-0.1024	-0.1059	-0.1697	0.1159	-0.0201	-0.0004	0.1909	0.1521	-0.3395	0.1491
PY05715	-0.5084	0.0066	0.3076	0.14	0.1225	-0.1169	-0.0283	-0.0981	0.1722	0.1549	0.3299	-0.0367
PY00543	-0.9816	-0.2462	0.2459	-0.4426	-0.619	0.0201	0.1438	0.045	-0.0225	-0.0365	0.2153	-0.2853
PY07137	-0.2883	0.2433	0.1737	0.3564	0.2139	0.0438	0.0261	0.0009	-0.3827	0.1812	0.4435	0.1883
PY00142	0.8644	0.3763	0.552	-0.0723	-0.424	-0.0321	-0.0276	-0.408	-0.1135	-0.4431	-0.7564	0.4739
PY05833	-0.3623	-0.1687	-0.2267	-1.2157	0.019	-0.4155	-0.046	-0.2623	-0.4307	-0.1471	-0.2171	-0.1274
PY07308	-0.3334	0.0808	-0.2744	-0.4977	-0.2584	-0.0678	-0.1022	-0.1633	-0.1915	-0.3799	-0.0194	-0.4113
PY02594	0.5369	0.2535	-0.1317	0.1965	0.6125	0.2	0.1564	0.2758	-0.0188	0.2726	0.4199	0.1813
PY05766	-0.0258	0.0778	0.1302	-1.0513	-0.3467	-0.3659	-0.556	-0.8935	-0.3589	-0.7442	-0.47	-0.0763
PY07113	0.1781	0.2247	0.4646	0.0869	-0.3618	-0.0477	0.5385	0.1252	0.4604	0.0261	-0.7262	-0.0602
PY01558	0.6196	0.2564	0.6662	-0.334	-0.0601	-0.0031	-0.0085	-0.3249	0.0359	-0.1444	-0.2439	0.2552
PY01193	-0.8401	-0.2938	0.0134	-0.6826	-0.0218	0.0028	-0.1587	-0.1381	-0.1659	-0.4117	-0.0807	-0.2852
PY00973	-0.5196	-0.2041	0.0956	0.214	-0.1021	0.0295	-0.2062	-0.1726	-0.3227	-0.0681	-0.0746	-0.5385
PY01777	-0.3218	-0.0165	-0.1187	-0.393	-0.0989	0.0011	0.054	0.2214	0.1794	0.1062	0.3574	-0.2079
PY00292	-0.7043	-0.3895	-1.2305	-0.1542	-0.3021	0.14	0.1951	0.6184	0.1186	0.2703	0.159	-0.4287

PY03454	-0.0503	0.0887	0.1785	0.1282	0.2588	0.0863	-0.1602	-0.1583	-0.2135	-0.477	-0.0067	-0.3896
PY04948	-0.0772	-0.0641	0.0321	-0.2329	0.1181	-0.0738	0.1384	0.2722	0.1963	-0.2404	0.376	-0.0009
PY03274	0.2845	0.0859	0.1455	-0.5139	-0.0002	0.0573	0.092	-0.1443	0.1004	-0.2607	-0.1996	0.2308
PY05382	-0.9076	-0.2424	-0.3261	-0.3394	-0.2635	-0.3665	-0.1107	0.2158	0.1293	-0.0861	0.3615	-0.5524
PY01509	0.0016	0.5214	0.3191	-0.2077	-0.0964	0.4983	0.1335	-0.0319	0.0063	-0.7615	-0.3146	-0.0048
PY05607	0.1088	0.2106	0.2247	-0.2848	-0.5822	-0.0069	0.1523	0.0122	0.1906	-0.1897	-0.3611	0.0477
PY07004	0.6535	0.4424	-0.2358	-0.4667	0.0464	-0.0855	0.0254	-0.6073	-0.3567	-0.444	-0.5747	-0.1669
PY04705	0.0219	-0.1883	-0.4787	-0.2723	0.2018	-0.3438	-0.3356	-0.192	-0.2767	0.0353	-0.065	0.1097
PY05139	-0.2983	-0.3208	-0.5238	0.9321	0.1439	0.5738	-0.0414	0.6323	0.0508	0.9112	1.4952	-0.0214
PY03562	-0.511	-0.1864	-0.168	0.1782	0.4061	0.0232	-0.2081	0.1185	-0.2186	-0.1383	0.4667	-0.0957
PY03311	0.8575	0.2849	-0.0374	0.8722	-0.098	0.0533	0.1492	0.0196	0.0619	-0.5961	-0.3407	0.1277
PY01084	-0.1434	0.0899	-0.0378	-0.5546	-0.5114	-0.3228	0.1229	-0.4159	0.0676	-0.0106	-0.4994	0.1531
PY03866	0.0127	0.1371	-0.4864	-0.3183	-0.1128	-0.457	-0.4086	0.1659	-0.1709	0.2445	0.116	-0.2001
PY05364	-0.0577	0.1109	0.3603	0.2305	-0.3205	-0.052	0.0984	0.1201	0.0707	0.137	-0.4994	0.0797
PY04402	0.784	0.2969	0.4267	0.4206	-0.0047	-0.0159	0.2491	-0.2121	-0.152	0.1893	-0.4156	0.3655
PY06457	-0.4048	0.2161	0.0065	-1.2568	-0.9072	-0.3233	-0.7155	-0.1172	0.1295	-0.3951	0.3091	0.0465
PY03684	-0.4136	-0.1242	-0.1867	-0.1853	0.2858	0.3344	0.0907	0.067	0.0447	-0.5782	-0.0552	0.1067
PY07179	0.1281	0.0055	0.0337	-0.3034	-0.244	0.1031	0.0885	-0.1683	0.1769	-0.1072	-0.3433	0.181
PY06872	0.2568	-0.0402	0.007	0.3282	0.2744	-0.1705	-0.2626	-0.2709	-0.3282	-0.2053	-0.0482	-0.1205
PY00893	-0.0449	0.1031	-0.0225	0.2569	-0.0764	-0.024	-0.035	-0.0468	0.0726	-0.3235	-0.2308	0.3234
PY05479	0.1612	0.119	0.1275	0.0943	0.2006	0.0011	-0.0383	0.2423	0.2028	0.0008	0.5663	0.2431
PY05253	-0.0537	-0.0314	0.1704	0.0685	-0.0989	0.0498	0.0819	-0.0834	0.0485	0.0916	-0.0448	0.143
PY01137	-0.2807	-0.0021	-0.453	1.4248	0.6804	-0.0589	-0.1295	0.1863	-0.0185	1.3167	0.5236	0.3114
PY01855	-0.1028	-0.0143	-0.0094	0.1779	-0.1027	0.2636	0.2168	0.5813	0.0947	-0.1507	-0.1437	-0.006
PY01538	-0.4936	-0.2546	0.2058	-0.3097	-0.2323	0.0493	0.0897	-0.3361	0.0121	-0.3096	0.1591	0.2418
PY04392	0.0373	0.1696	0.389	0.0504	0.1499	0.0187	0.0239	-0.1254	-0.036	0.2113	0.1484	0.0365
PY03344	-0.0991	-0.211	-0.2874	0.0279	0.251	0.0536	-0.1782	0.2989	0.0244	0.1762	0.2403	0.0436
PY02867	-0.1971	0.489	-0.3572	-0.3242	0.2973	-0.1087	-0.0526	0.0357	-0.1385	-0.1768	0.0277	-0.6554
PY04269	0.4359	0.2012	-0.133	-0.7205	-0.2073	-0.2497	-0.0159	-0.4304	-0.1371	-0.403	-0.5777	-0.0632
PY01619	-0.253	-0.3256	-0.1511	-0.4974	-0.6307	-0.1503	-0.1799	-0.1045	0.2976	-0.003	0.8336	0.427
PY04342	0.3318	0.5073	0.7591	-0.1277	-0.1334	0.0886	0.2265	0.0018	0.2065	-0.2413	-0.2592	-0.1917
PY06034	0.1354	0.132	0.4696	-0.5288	-0.5894	0.0227	-0.0851	-0.2092	0.0439	-0.4248	-0.2513	-0.0657
PY00710	-0.4723	-0.1859	-0.2071	-0.3627	0.007	-0.2859	-0.5154	-0.094	-0.1601	-0.1978	0.3567	-0.3949
PY04046	0.6029	0.2058	0.1735	0.6241	0.2864	-0.0583	-0.1078	-0.1219	-0.1957	-0.1588	-0.0977	0.1137
PY03604	0.4109	0.24	-0.1341	-0.1006	-0.1265	-0.3709	-0.3316	0.0289	0.0413	-0.4376	-0.2854	-0.2244
PY06738	-0.0278	-0.0821	0.3524	0.1027	0.2688	0.1263	0.1809	-0.1787	0.1141	-0.1453	-0.2049	0.2477
PY00481	0.5888	0.2061	-0.3543	-0.2189	-0.1232	-0.1373	-0.3322	-0.4255	-0.3421	-0.2299	-0.2787	-0.197
PY02839	0.4178	-0.0237	-0.4012	-0.0225	0.0259	-0.0685	0.1868	-0.1786	-0.2422	-0.4513	-0.5382	-0.0235
PY00365	0.3286	0.0939	0.0965	0.5592	-0.1648	0.0093	-0.1128	0.0588	-0.1694	-0.0605	0.0266	-0.0115
PY00584	0.2751	0.1465	-0.2565	0.4875	-0.3006	0.0092	-0.131	0.1353	-0.4963	-0.1573	-0.2835	-0.2662
PY03352	-0.0552	0.4188	0.9209	0.3973	-0.3194	-0.1894	0.207	-0.1184	0.094	0.0172	-0.2446	0.0461
PY00384	-0.4664	0.0874	-0.2916	0.119	0.0092	0.0569	-0.0383	-0.0401	0.0826	0.7353	-0.0054	-0.1831
PY06829	-0.6985	-0.5127	-0.242	-0.4886	-0.282	-0.0748	0.1602	0.0406	0.3527	-0.0981	0.1666	-0.1637
PY03279	0.1598	0.0824	-0.1162	-0.0989	0.1004	0.2748	0.1858	-0.04	-0.0153	-0.1696	0.2538	0.1811
PY01629	-0.4234	-0.1259	-0.1711	0.0448	-0.2718	-0.1917	-0.2436	0.0671	-0.2231	0.0513	0.1627	-0.3806
PY01716	-0.9773	-0.1802	-0.4201	0.6649	-0.6571	-0.343	0.139	0.8491	0.7759	-0.1451	0.3815	0.8513
PY01730	0.2356	-0.1346	-0.1504	-0.0121	-0.0702	0.3733	0.3049	0.086	0.2847	0.3695	-0.7213	0.31
PY01949	-0.4314	-0.2268	-0.2171	0.1182	-0.3372	0.2617	0.0607	0.3886	0.5032	0.1671	-0.1383	-0.1196
PY01150	-0.1885	-0.2721	-0.1388	0.7272	0.746	0.0771	-0.1855	-0.1876	-0.5357	0.7726	0.5739	-0.0129
PY01912	-0.6176	-0.2886	0.1394	-0.2234	0.0718	0.4654	0	-0.2	-0.344	-0.0609	0.1069	-0.1824
PY01719	-0.6188	-0.3932	-0.5103	-0.7861	0.0644	0.3508	0.2015	0.2496	0.1357	-0.2886	0.0774	-0.1646
PY00505	-0.603	-0.0479	0.2495	-0.2906	0.0202	0.3824	0.19	0.1259	0.0055	0.3719	0.6636	0.2047
PY00601	-0.0299	0.2496	0.3904	-0.2752	-0.2125	0.205	0.1786	0.1119	0.1787	0.0411	-0.107	0.0353
PY02590	0.3475	0.1181	0.3736	0.2218	0.3653	0.4848	0.123	0.0073	-0.0735	-0.3316	0.4519	-0.1187
PY04618	0.0088	0.0985	-0.1027	-0.187	-0.3009	-0.2922	-0.47	-0.1001	-0.1956	-0.1161	-0.5538	-0.319
PY02341	-0.2268	-0.2458	-0.2682	-0.0689	-0.0823	-0.1387	0.0814	0.1366	0.3038	0.219	0.1196	0.1468
PY05445	-0.1675	-0.1261	0.066	-0.1039	0.1361	-0.134	-0.037	-0.2281	-0.242	-0.41	-0.1713	0.183
PY07357	0.0131	0.1016	-0.2663	0.1845	-0.1023	-0.2136	-0.4293	-0.1775	-0.2348	-0.0985	-0.2391	-0.4931
PY01793	-0.3606	-0.2674	0.0141	-0.3786	-0.2971	-0.3622	-0.29	0.0251	0.0121	-0.1496	0.3282	-0.0572
PY05203	0.1197	0.0649	0.1209	0.4939	0.1268	-0.0394	-0.1609	0.2018	-0.5903	-0.0079	-0.3075	0.1732
PY02381	-0.2026	-0.1122	-0.1175	0.0725	0.1066	-0.1664	-0.2166	0.0334	-0.1165	-0.1911	0.1701	0.0253
PY03735	0.5837	0.1888	-0.0046	0.2668	0.2198	-0.4214	-0.4448	-0.4679	-0.3433	-0.3566	-0.0155	-0.2647
PY00164	0.1482	0.1231	-0.1389	0.0829	-0.0406	0.3175	0.1558	-0.3574	-0.0655	-0.1316	-0.1624	0.4344

PY02465	-0.1132	0.0548	-0.4243	-0.4503	0.025	0.0514	0.7044	0.0193	0.2645	-0.3624	-0.2079	-0.3816
PY06998	-0.7679	-0.218	-0.0913	-0.7399	-0.1615	-0.0891	-0.064	-0.0349	0.0241	-0.4008	-0.0199	-0.0824
PY02493	0.3231	0.0371	-0.0205	-0.4321	-0.1843	-0.2918	0.1065	-0.099	0.2064	0.1187	0.1245	0.4092
PY00706	-0.2095	-0.2911	-0.4043	0.5371	0.5462	0.1593	-0.3639	0.2632	-0.6286	0.4021	0.5263	-0.33
PY00638	0.0883	0.3882	0.7126	-0.0675	-0.2773	0.3682	0.075	-0.0659	0.2454	0.1658	0.7344	-0.1795
PY01605	0.0988	0.12	0.3138	-0.197	-0.0562	0.0389	-0.0191	-0.2316	-0.0635	-0.1729	-0.2415	-0.1681
PY01134	-0.1422	-0.155	0.0039	0.1938	0.3042	0.1178	0.0129	0.1068	-0.0138	0.0913	0.2275	-0.0947
PY00950	-0.526	-0.2394	-0.3417	-0.1821	-0.092	-0.2433	-0.1587	-0.1431	-0.7256	0.0334	0.2448	-0.3147
PY04904	-0.1405	0.0038	0.3017	-0.2779	-0.2875	0.1171	0.1054	0.1296	0.0861	-0.1403	-0.1055	0.0947
PY07185	-0.2092	-0.2506	-0.0543	-0.4577	-0.0953	-0.2108	-0.1642	-0.2378	0.1472	-0.2525	0.0991	0.1122
PY07630	-0.3158	-0.34	-0.3475	0.2982	-0.0074	-0.1164	-0.3024	-0.15	-0.1677	-0.3126	-0.0936	-0.0051
PY04455	0.1146	0.2728	0.1806	0.1247	-0.2324	-0.3916	-0.3154	0.0279	-0.0282	0.3355	0.9746	0.1165
PY00078	-0.0586	-0.5856	-0.3622	0.1608	-0.0144	-0.0097	-0.1976	-0.0815	-0.4131	-0.1585	-0.0652	-0.4283
PY03635	0.3151	-0.1718	-0.2613	-0.0561	1.5975	0.0368	-0.2567	-0.2326	-0.3462	0.0058	-0.208	-0.34
PY05900	-0.4882	-0.0995	0.3024	0.3695	0.0015	0.1351	-0.0041	0.0861	-0.0556	0.4703	0.6714	0.0179
PY06176	-1.1356	0.13	0.3554	-0.804	0.1187	-0.0179	-0.1326	-0.3036	-0.2341	-0.2694	0.5026	-0.4561
PY06422	-0.1092	-0.0623	0.281	-0.3918	-0.3539	0.2902	0.6001	0.3177	0.5757	-0.1344	-0.372	0.3171
PY04917	-0.2193	0.1025	0.4809	-0.4634	-0.2645	0.1743	0.1171	-0.2223	0.1564	-0.4163	-0.0281	0.2646
PY05558	-0.0621	-0.0056	-0.1761	-0.431	-0.2086	-0.2773	0.2643	-0.0597	-0.1688	-0.5742	0.0269	0.0922
PY01958	-0.3259	0.2375	0.3799	0.1009	0.2135	0.5122	0.6409	0.1327	0.2241	-0.0608	-0.2016	0.0401
PY03427	-0.7016	0.2476	0.3751	-0.1797	0.0316	-0.0309	0.0195	0.2924	-0.0318	0.0914	0.3053	-0.1451
PY03538	0.1971	-0.2421	0.2286	-0.4137	-0.1929	-0.276	0.0498	-0.3571	0.1293	-0.8376	-0.0519	0.3065
PY04871	0.2878	0.3845	-0.158	-1.3162	-0.6773	-0.3026	-0.0182	-0.2562	0.0664	-0.4101	-0.4741	0.0123
PY02812	-0.113	-0.0361	0.0199	-0.4631	0.0159	0.0883	0.0141	-0.0399	-0.2711	-0.1082	-0.4904	0.0484
PY02096	-0.0184	-0.0428	0.0927	0.0558	-0.2604	-0.0738	-0.1868	-0.0754	0.0534	0.378	0.1872	-0.3189
PY00114	0.127	0.2658	0.1073	0.2654	0.1781	0.0046	-0.1406	-0.0024	-0.1749	0.0111	0.1893	-0.108
PY02159	-0.4157	0.0242	0.0869	-0.3859	-0.3947	0.3026	0.2714	0.4653	0.3367	-0.1466	-0.4015	-0.2871
PY00987	-0.3138	-0.3232	-0.4531	0.1583	0	-0.1898	-0.5693	-0.186	-0.1782	0.0978	0.1143	-0.1301
PY04716	-0.2999	-0.0502	-0.2303	-0.1163	0.664	-0.0158	-0.1237	-0.1393	-0.3427	-0.0334	0.088	0.1523
PY04108	0.4979	0.1346	0.5349	0.3014	-0.0996	-0.2214	-0.1068	-0.7123	-0.1306	-0.3769	-0.6789	-0.0254
PY02480	0.5561	0.1996	0.2957	0.1618	-0.1766	0.1034	0.0692	-0.1801	0.1443	0.3899	-0.253	0.1922
PY02763	0.0336	0.1362	-0.0133	0.4251	0.2724	0.2441	0.3468	0.3084	-0.2794	0.1339	-0.3627	0.231
PY04374	0.0902	-0.1851	-0.2864	0.1741	0.3631	-0.0258	-0.0431	0.017	0.1243	0.1852	0.3701	0.0336
PY05610	0.8651	0.5514	0.4909	0.0946	-0.2956	-0.045	0.095	-0.1542	0.3668	0.1035	-0.3561	0.1575
PY00689	-0.7688	-0.1585	-0.2566	-0.9426	-0.7346	-0.084	-0.1033	0.2217	0.2034	-0.035	0.4684	-0.1519
PY05035	0.6454	0.2622	0.3939	0.1167	0.0558	-0.0556	0.2274	0.1997	0.191	0.4066	-0.0989	0.3154
PY04534	0.4876	0.3451	0.3843	-1.1484	-0.1561	-0.1388	0.1549	-0.7374	0.0597	-0.7491	-0.2579	0.3347
PY04573	-0.2736	0.0299	-0.0622	0.5103	0.2477	0.2325	0.0761	0.1042	0.0216	0.6144	0.4324	0.299
PY01042	-0.404	-0.1703	-0.4623	0.4434	-0.0241	0.0341	0.1106	0.4153	0.195	1.128	0.9165	0.8211
PY01502	0.4662	0.4519	0.1983	0.3908	-0.1675	0.0385	-0.1041	-0.1209	-0.2	-0.366	-0.2807	0.0437
PY00318	-0.8197	-0.166	-0.0402	-0.1915	-0.226	-0.0915	0.2215	0.4216	0.0308	0.1331	0.4179	0.1603
PY01780	0.0597	0.2248	0.2224	-0.3455	-0.3168	0.3039	0.3961	0.2836	0.2767	0.2524	-0.3068	0.4453
PY04258	-0.1309	0.044	-0.1731	0.7206	0.0865	0.062	-0.0164	0.3997	0.0612	0.6162	0.125	-0.0718
PY02586	0.391	0.1035	-0.1596	0.9954	0.5561	-0.0727	-0.244	0.1232	-0.6538	-0.2962	0.3594	-0.5618
PY05310	0.3007	-0.1595	-0.8543	-0.6731	-0.079	-0.1736	-0.2386	0.1122	0.0889	0.1863	0.4931	0.013
PY04695	-0.1901	-0.1622	-0.1209	0.1574	0.2087	-0.0105	-0.0135	0.1314	0.2482	0.1978	0.0894	0.0912
PY01035	-0.1437	0.2631	0.6673	-0.2368	-0.3142	0.2235	0.3588	-0.0658	0.2427	-0.364	-0.2525	0.1698
PY07178	-0.7388	-0.2054	0.0271	-0.205	1.608	-0.1412	-0.0326	0.574	0.3346	0.0208	-0.0796	-0.3832
PY01459	0.0362	-0.2124	-0.0989	0.2533	-0.0442	-0.1294	-0.1006	-0.233	0.1293	0.3276	-0.1483	0.1124
PY00711	0.3136	-0.1146	-0.1137	0.7553	0.5082	-0.1616	-0.126	0.1486	-0.2276	0.6226	0.5326	0.224
PY03834	-1.1084	-0.3553	-0.1	-0.3698	0.0526	0.245	0.6156	0.204	0.029	-0.041	0.5689	0.0354
PY02133	-0.4817	-0.3223	-0.2452	0.5954	-0.3166	0.1025	-0.0466	0.5028	0.2841	0.4287	-0.0804	-0.3314
PY06012	0.057	0.1506	-0.1404	0.522	0.1612	0.2797	-0.0737	-0.2397	-0.2855	-0.0648	-0.6497	-0.0378
PY02346	0.4268	0.1819	0.1225	-0.1873	0.2863	-0.0689	-0.2223	-0.4167	-0.2751	-0.1788	-0.2053	-0.2467
PY03752	0.6711	0.1646	0.2451	0.0781	-0.1381	0.0683	0.1199	-0.1443	0.1885	-0.0127	-0.4719	0.183
PY05164	-2.066	-0.8573	-0.4816	-0.6854	-0.2896	-0.5416	-0.2495	0.3463	0.4186	0.238	0.546	0.1202
PY06050	-0.1179	-0.1154	-0.0108	-0.0082	0.2773	-0.0326	-0.1377	-0.1783	-0.038	0.0034	0.0855	0.1218
PY00894	-0.2964	-0.0425	-0.2453	-0.2109	0.0306	-0.1755	-0.0307	0.0247	-0.0546	0.0375	0.2021	-0.0462
PY07220	0.1053	0.3038	0.5258	-0.758	-0.2553	0.1025	0.2661	-0.143	-0.2421	-0.1978	-0.3267	0.5502
PY01194	0.4745	0.1756	-0.0898	0.291	0.0749	0.0975	-0.0841	-0.0054	-0.109	0.0421	-0.5107	-0.0917
PY02261	0.2412	0.3903	0.6102	0.0713	0.2453	0.7938	0.5789	-0.0349	0.133	0.0195	-0.2851	0.0614
PY02668	0.8825	0.3487	0.4873	0.6363	-0.1532	-0.0274	0.1146	-0.2252	-0.0413	0.0391	-0.2869	0.2107
PY07021	0.0102	-0.3313	-0.8242	-0.7396	-0.0003	0.0253	-0.0718	0.1632	0.1705	-0.5763	0.003	0.0386

PY03410	0.189	-0.0036	0.2819	-0.2997	0.0996	-0.099	0.1852	-0.0182	0.2224	-0.1621	0.45	0.4661
PY04584	-1.3249	-0.3512	-0.4123	-0.5219	-0.4428	-0.0817	-0.0708	1.2104	0.2708	0.0097	0.8652	-0.4264
PY04281	-0.8049	-0.6764	-0.3815	-0.2921	-0.5268	-0.317	0.0821	0.1026	0.3216	0.0919	0.1233	-0.1599
PY07409	-0.0957	-0.0543	-0.0503	-0.1764	-0.5034	-0.57	-0.449	-0.2442	-0.203	-0.2901	-0.3892	-0.0885
PY06967	0.3435	0.232	0.1389	0.1618	0.3239	0.3772	0.0786	-0.2315	0.038	-0.1	-0.2971	-0.07
PY03389	-0.0992	0.0848	0.1925	0.0819	-0.0816	-0.154	0.1535	0.2565	0.3831	0.3541	0.3184	0.8376
PY06609	0.0449	-0.0009	-0.0965	-0.1408	0.3095	-0.114	-0.0311	0.1909	0.0124	-0.002	0.3722	0.3677
PY00791	-0.5755	-0.3209	-0.1743	-0.0794	0.2682	-0.0781	-0.1152	0.1138	-0.2662	-0.034	0.2361	-0.0872
PY00468	-0.3941	-0.071	-0.4303	-0.0773	-0.3556	0.3276	0.0771	0.2002	-0.0838	-0.3914	0.9821	-0.156
PY02018	0.5654	0.3493	0.433	0.4308	-0.329	0.1057	0.0967	-0.323	-0.0372	-0.1426	-0.6697	0.0157
PY04056	0.3948	0.2425	0.4977	0.1934	0.0344	0.1583	0.4061	0.0894	0.3343	-0.1753	-0.0166	0.2502
PY04111	-0.0682	-0.1376	-0.3937	0.7213	0.5035	-0.2	-0.1199	0.0576	-0.002	0.4459	0.6237	0.2919
PY06636	0.4842	0.3403	0.5171	0.4337	-0.0027	-0.0251	-0.0984	-0.1899	0.2148	-0.7557	-0.3442	0.0942
PY05887	0.1844	0.4103	-0.3185	0.2527	0.4919	0.0529	0.1905	0.181	0.3328	-0.2593	-0.2102	0.1005
PY00154	0.0495	0.2642	0.3788	-0.3689	-0.3805	0.2203	0.3844	-0.0352	0.2168	-1.1459	-0.6429	0.2762
PY04825	0.0069	0.093	0.1086	-0.4473	-0.1651	-0.0459	-0.2718	-0.0601	-0.03	0.2682	0.1748	-0.1749
PY01219	-0.2379	-0.1671	-0.0394	0.0984	0.1433	0.1448	0.0932	0.1596	-0.3841	-0.2246	-0.2258	-0.3925
PY05922	-0.3526	-0.1036	-0.0101	0.1953	0.2844	-0.1203	-0.2468	0.1271	-0.4077	0.0529	0.1324	-0.4293
PY02243	0.1994	-0.0765	-0.2971	0.2006	0.1573	0.2593	-0.0989	-0.1411	-0.1829	-0.0692	-0.4131	-0.1092
PY03816	-0.1422	-0.083	0.0285	0.5759	0.1238	0.0164	0.0133	0.327	-0.0342	0.4855	0.1213	0.1554
PY03337	0.6846	0.3948	0.2868	0.1552	-0.1353	-0.4144	-0.1028	-0.1845	-0.713	-0.2208	-0.6279	0.2051
PY02830	-0.0933	0.3937	0.709	0.2801	0.2427	0.3192	0.6429	0.1987	0.2701	-0.2623	0.0731	0.4968
PY04089	-0.6276	-0.0757	-0.0496	0.0465	-0.0434	0.0525	0.007	0.1225	0.0955	0.1439	-0.2846	-0.3695
PY06764	-1.167	-0.3689	-0.178	-0.2406	-0.4255	-0.4424	-0.2626	0.3081	0.316	-0.041	0.5506	0.0655
PY02784	0.2382	0.0912	-0.0127	-0.1227	-0.0538	-0.1671	-0.1207	-0.1521	-0.0671	-0.115	-0.2758	-0.0081
PY04226	-0.1913	0.1982	-0.0194	-0.6781	-0.4785	-0.2404	0.149	0.0596	0.4835	-0.1422	-0.2622	0.0444
PY02063	-0.892	-0.4934	-0.8824	0.0615	-0.0623	-0.1174	0.2171	0.3145	0.554	0.406	0.6192	0.2923
PY03111	0.2444	0.2835	0.3448	0.1817	-0.883	-0.0072	0.1379	-0.3026	0.0161	-0.1606	-0.5315	0.2109
PY04002	-0.5899	-0.0264	0.2829	-0.7044	-0.2617	-0.3187	-0.0622	-0.2386	-1.0431	-0.0203	-0.1463	-0.491
PY02559	0.3851	-0.1876	0.1237	1.5094	0.5686	0.1227	-0.1142	0.4351	-0.0378	0.7925	-0.206	0.082
PY06739	0.1274	-0.0256	0.2639	0.2028	0.6736	0.1107	0.0762	-0.2888	-0.0363	0.2153	0.1152	0.1919
PY02065	-0.1577	-0.2145	-0.3507	-0.2143	-0.0697	-0.1898	-0.1273	-0.0087	0.1269	0.2476	-0.1487	-0.0201
PY05751	-0.2236	-0.3866	-0.1019	0.5172	0.2334	0.2747	-0.0004	0.4064	0.0625	-0.3955	0.4066	-0.3167
PY02371	0.0903	-0.0149	-0.2286	-0.5737	-0.131	-0.4796	-0.4741	-0.1729	-0.2663	-0.5129	-0.0877	-0.329
PY07118	0.1797	0.0674	0.3388	0.1947	0.3917	0.1277	0.1458	0.0397	-0.1842	-0.0464	-0.2393	0.3719
PY03599	-0.033	-0.0986	0.1424	-0.0495	-0.037	-0.0692	-0.1184	-0.1155	-0.093	-0.1116	0.0192	0.0912
PY05804	-0.1293	-0.4336	0.3091	0.7953	0.2157	-0.0309	0.0652	0.3755	0.181	0.4685	0.1779	0.0069
PY07484	-0.0231	-0.2332	0.0345	-0.3917	0.0848	-0.1925	-0.4328	-0.1579	-0.0531	-0.2133	-0.2138	-0.0287
PY07576	-0.4605	-0.3105	0.3557	-0.6751	-0.2267	0.2803	0.1334	0.0465	0.3053	0.0591	0.3898	-0.0555
PY03833	0.979	0.2868	0.6427	0.792	0.0489	0.0733	0.0892	-0.1788	-0.0593	0.2069	-0.4854	0.146
PY05425	0.2895	0.1183	0.4997	0.3555	-1.1963	-0.2853	-0.0364	0.0752	0.401	0.1382	-0.189	0.3721
PY03327	-0.0755	-0.0523	-0.0244	-0.1413	0.5502	0.274	0.1665	0.0054	-0.1382	-0.2886	0.182	0.1256
PY02004	-0.6016	-0.5353	-0.5681	0.1362	-0.1541	-0.212	-0.3634	0.0726	-0.0467	0.215	0.1543	-0.5921
PY06039	-0.2223	-0.021	-0.3481	0.2457	-0.3417	-0.1885	-0.2155	-0.0251	0.0644	0.449	0.0542	0.0395
PY03267	-0.117	0.1084	0.031	0.2932	0.0883	-0.1859	-0.3436	-0.1249	-0.245	-0.0428	-0.0889	-0.2769
PY02189	0.9213	0.4513	0.3455	0.4585	-0.0153	0.0747	0.1271	-0.0497	0.0825	0.0307	-0.6136	0.1787
PY06229	0.1168	0.092	0.124	-0.1203	-0.519	-0.1803	-0.0033	-0.7709	-0.7453	0.0548	-0.1849	-0.7115
PY04841	0.4642	-0.2589	-0.5046	0.1839	0.2786	-0.3634	-0.5007	-0.1562	-0.2987	0.0611	-0.1896	-0.0967
PY05446	-0.5964	0.0866	0.2356	1.066	0.0859	-0.1683	-0.2211	-0.1318	-0.0067	-0.8034	-0.1136	-0.2668
PY03127	0.227	0.112	-0.1793	-0.014	0.1299	-0.4568	-0.578	-0.4668	-0.482	-0.5962	-0.1937	-0.6567
PY03989	-0.2433	-0.0366	-0.1448	-0.0245	-0.115	-0.2292	0.0016	0.0739	0.1063	-0.1356	0.1458	-0.0265
PY02841	0.1717	0.1224	0.4331	-0.1133	0.1321	-0.0246	0.0929	-0.4525	-0.1769	-0.769	-0.5616	-0.0182
PY04146	0.5523	0.3977	0.1816	-0.0712	-0.2782	-0.0528	0.1313	-0.147	-0.2354	-0.0343	-0.7811	0.1192
PY07060	-0.7113	-0.0095	-0.5198	-0.2449	-0.2555	-0.1193	-0.279	0.0937	-0.116	0.0348	-0.0534	-0.2856
PY04244	0.2573	0.0513	0.2624	0.1622	0.0885	0.1745	0.2046	0.1918	0.1863	0.3572	-0.0124	0.4524
PY03240	-1.4702	-0.4537	-0.5218	-0.3295	-2.0106	-0.5202	-0.1515	0.1163	0.4789	0.0569	0.7865	0.0842
PY03819	0.5232	0.3595	-0.0739	-0.0995	-0.1025	-0.58	-0.553	-0.1173	-0.2543	-0.3363	0.1707	-0.321
PY05930	-0.3509	0.144	0.3473	0.2585	-0.2842	0.0093	1.0283	0.4025	0.9131	0.2974	0.6306	1.2327
PY00264	-0.3768	0.1116	0.1462	1.0089	-0.233	-0.3435	-0.3941	0.2542	-0.1811	0.3711	0.289	-0.1166
PY01994	0.145	0.2379	0.3089	0.9808	0.8236	0.2745	0.2809	-0.1143	0.132	0.2132	0.0679	0.3279
PY01490	-0.0133	0.0576	0.0885	-0.6475	-0.6557	-0.3185	-0.1677	-0.2137	0.2903	-0.6711	-0.3442	-0.1019
PY03865	0.2958	-0.2636	-0.278	0.2873	0.2034	-0.1715	0.0154	0.2541	-0.0061	0.751	0.3259	-0.1147
PY00290	0.2175	-0.0462	-0.198	-0.0364	0.1407	-0.1162	-0.0933	-0.2338	-0.7244	0.1205	-0.2183	-0.0783

PY05073	-0.7536	-0.4962	-1.1321	-0.342	-0.0667	0.3314	0.0162	0.201	0.0267	0.1273	-0.2005	-0.1764
PY03802	0.6343	0.2867	0.1662	-0.2558	0.0767	0.0267	-0.1013	-0.2686	-0.1517	-0.1921	-0.0848	-0.0589
PY05236	-0.2465	0.2704	0.7898	0.2357	0.0393	0.3673	0.94	0.4094	-0.9578	0.3093	0.0648	0.3886
PY07390	-1.1093	0.1933	-0.1025	-0.3224	0.1231	-0.3685	-0.2001	-0.0562	0.0677	0.009	0.327	-0.0076
PY00433	-0.0029	-0.1552	0.0504	-0.0436	0.199	0.3398	0.3281	0.5067	0.0034	0.1528	0.6253	0.1364
PY02191	0.5548	0.3207	0.4151	-0.0212	0.0515	-0.1933	-0.3436	-0.3436	-0.183	-0.2324	-0.4586	-0.3344
PY02874	-0.1004	-0.2099	-0.2262	-0.2918	-0.0163	-0.1371	0.0093	-0.0096	0.1845	-0.3145	0.0035	0.1588
PY04935	0.7414	0.1125	0.4017	0.5295	0.4061	0.0218	0.0623	-0.0741	0.1228	0.3422	0.0801	0.3337
PY03650	-0.9255	-0.1159	-0.2895	-0.3095	-0.4016	-0.3273	-0.3255	0.2667	0.3728	-0.5983	0.2585	-0.4319
PY07611	0.2384	-0.062	-0.4746	0.7003	0.4111	-0.2988	-0.1444	0.0977	0.0974	0.4532	0.2461	-0.2816
PY04747	0.2972	-0.1898	0.3135	0.0689	0.1764	0.1122	-0.2044	0.075	-0.048	0.0018	0.1139	0.1505
PY01259	-0.3323	-0.4056	0.013	-0.0823	0.5551	0.076	-0.0107	-0.0156	-0.202	-0.1038	0.124	-0.1138
PY04880	-0.0149	0.1062	0.0559	-0.3414	-0.3724	-0.2393	0.0943	-0.1836	0.1493	-0.4799	-0.3596	0.2696
PY02200	-1.2138	-0.6837	-0.6258	-0.6976	0.0121	-0.3715	-0.1433	0.2206	0.2984	-0.2266	0.3038	-0.2349
PY04100	-0.5935	-0.4675	-0.529	-0.8421	-0.2316	0.0951	0.2405	0.2611	0.1628	-0.0246	-0.0508	0.1578
PY01876	-0.2859	-0.2243	-0.0759	0.1077	0.3458	0.2222	0.2678	0.0734	-0.053	0.0719	-0.0531	-0.3404
PY05424	0.1804	0.0482	-0.1809	0.3349	0.0415	0.2076	0.0454	0.0976	0.0683	0.3001	0.1697	0.2853
PY06311	-0.0985	-0.26	0.1266	-0.506	-0.2408	-0.1811	-0.1975	-0.1994	0.0705	-0.2782	-0.0201	0.1483
PY05041	0.0816	-0.0731	0.1732	-0.2644	0.0596	0.0279	0.042	-0.2974	0.0175	-0.2619	0.5516	0.1241
PY05867	-1.7654	-0.609	-0.2471	-0.4366	-0.3709	-0.192	-0.194	0.132	0.0571	0.2262	0.7698	0.1031
PY02240	-0.9041	-0.3308	-0.4127	-0.4952	-0.1196	0.0878	0.0141	0.0472	0.0185	-0.6128	-0.4494	-0.3791
PY05780	-1.4035	-0.2422	0.0725	-0.803	-0.4529	-0.2228	-0.1918	0.0745	-0.3519	0.0433	0.5157	-0.2228
PY03246	0.2626	0.1083	0.1503	-0.3218	0.3765	0.1862	-0.1763	-0.2508	-0.1563	-0.1298	-0.1382	-0.0543
PY01341	0.0378	0.1353	0.0783	-0.1928	0.2827	0.2521	0.2012	-0.5121	-0.1877	-0.463	0.0812	0.0874
PY03007	-0.2019	-0.0757	0.4121	0.4845	-0.1012	-0.0042	0.0649	-0.0235	0.3374	0.2796	0.039	0.3688
PY02123	-0.4939	0.2461	0.386	-0.484	-0.2612	-0.1636	-0.1325	-0.0837	0.1441	0.2518	0.5213	0.3118
PY00921	-0.0189	0.0147	-0.5563	-0.0047	-0.2429	-0.2663	-0.5186	0.1398	-0.0869	-0.8268	0.1807	-0.3461
PY02603	0.3934	0.146	-0.0319	0.0807	0.2728	0.4112	0.1412	0.1371	0.1025	0.2499	0.1155	0.3623
PY04646	0.1813	0.1903	0.0195	1.3439	0.9222	0.3778	-0.0455	-0.3985	0.1889	1.1207	0.7208	0.0672
PY05480	0.0456	0.0192	-0.5472	1.087	0.588	0.3334	0.0716	0.0841	-0.2251	0.4917	0.0895	0.2092
PY01634	-0.1164	-0.2683	-0.2498	0.3467	0.0646	-0.4131	-0.1597	0.2459	-0.0807	0.3181	0.8072	0.0426
PY06188	0.4252	0.1539	-0.2964	0.1615	0.1143	-0.0877	-0.249	-0.1906	-0.3698	-0.1472	0.12	-0.2934
PY05190	0.455	0.1305	0.2384	0.112	0.2006	0.0588	0.0669	-0.2963	-0.1325	-0.3097	-0.5691	-0.0465
PY02932	-0.1142	-0.1611	-0.0421	-0.2382	0.5018	0.5184	-0.0121	0.345	-0.0881	0.015	-0.1314	-0.3431
PY07356	0.2784	0.0177	0.1201	-0.1081	-0.0875	-0.0224	0.0227	-0.336	-0.3864	-0.4728	-0.3731	-0.892
PY02418	-0.5506	-0.3592	0.1087	-0.465	-0.0441	-0.0035	0.0073	-0.3384	-0.5059	0.0927	0.3115	0.4635
PY00592	0.0061	-0.1615	-0.0533	0.4951	0.5173	0.0665	-0.0711	-0.1638	-0.2161	0.0889	0.147	0.0609
PY04291	-0.2895	-0.2048	-0.2484	-1.0973	-0.0177	-0.0033	0.2226	-0.7721	-0.3297	-0.6525	-0.2689	-0.0027
PY02207	-0.4462	-0.4556	-0.1743	-0.209	0.0218	0.163	0.2016	0.2766	0.6042	0.3102	0.3657	0.1337
PY06361	0.2021	-0.1912	-0.4099	0.1297	0.719	0.0836	-0.1972	-0.3951	-0.3596	-0.0027	-0.4543	-0.1267
PY02508	-0.4517	0.0525	0.1234	0.3488	0.1604	0.1589	0.1152	-0.0237	0.0081	0.114	0.0884	-0.2318
PY00206	-0.0487	-0.0525	-0.1075	-0.7902	-0.031	-0.0467	0.0332	-0.0442	-0.0045	-0.3011	-0.0417	0.2428
PY07549	0.784	0.3423	0.2862	-0.0378	-0.238	-0.2129	0.1537	-0.2434	0.1098	-0.5677	-0.1525	0.3453
PY02675	0.8485	-0.0759	-0.0193	0.4818	-0.1501	-0.2609	-0.0767	-0.6214	-0.0977	-0.2844	-0.3586	-0.0008
PY02913	0.7289	0.2171	0.6074	0.1786	-0.0959	0.2678	0.6178	0.0926	0.4822	-0.2143	-0.4538	0.4274
PY03455	0.3053	0.3316	0.309	0.0042	-0.1347	-0.1841	-0.1678	-0.1657	-0.4402	-0.2395	-0.321	-0.1369
PY04683	-0.6443	0.1015	-0.7249	0.0316	-1.0687	-0.1345	-0.1452	0.8169	0.3709	-0.4215	0.0762	-0.3569
PY04951	0.2961	0.2431	0.2093	0.1715	0.0861	-0.1902	-0.2262	-0.5676	-0.3875	-1.0031	-0.2864	-0.1942
PY03412	-0.621	-0.7128	-0.4391	-0.5232	-0.556	0.0532	0.1759	0.3252	0.4065	0.2036	0.1191	-0.0356
PY02185	-0.4387	-0.325	-0.1863	0.5628	-0.0262	-0.4017	-0.5509	0.2354	0.0905	0.4805	0.5858	-0.0818
PY04160	0.7937	0.4472	0.5114	0.634	0.1442	0.057	0.1812	0.0064	-0.0009	0.0312	-0.0337	0.3438
PY06684	-1.2379	-0.5271	-0.2768	-0.8041	-0.5684	-0.3483	-0.17	0.2379	0.2203	0.285	0.4607	-0.0305
PY01662	0.0709	0.109	0.087	-0.2922	-0.1332	-0.3316	-0.1706	0.0364	0.1167	-0.2784	0.2751	0.162
PY05513	-0.1322	-0.2446	-0.0304	-0.6645	-0.2153	-0.2802	-0.0496	-0.1179	0.0863	0.135	-0.0007	0.5838
PY06441	-0.1695	0.0212	-0.0017	0.3224	0.0908	0.4987	-0.2317	0.0807	0.0538	0.4047	0.4599	-0.0342
PY01861	0.6667	0.3693	0.0466	0.2763	-0.1711	-0.0468	-0.0333	-0.1535	-0.0257	0.2312	-0.4315	0.1348
PY07256	0.0865	-0.0422	0.149	0.6592	0.6058	0.575	0.0955	0.1406	-0.1203	0.7716	0.3254	0.2279
PY01938	-0.9269	-0.4358	-0.798	-0.8802	0.1439	-0.2817	-0.1082	-0.1017	0.1883	0.3142	0.9213	0.1024
PY04472	0.1491	-0.3502	-0.0032	-0.1523	0.293	0.1545	0.3175	0.319	0.1892	0.4754	0.4324	0.7457
PY03259	-0.0587	0.0455	0.0018	-0.6285	-0.6869	-0.7971	0.0852	-0.5201	-1.1577	-0.7882	-0.8916	-0.6857
PY03494	0.195	0.083	-0.4736	-0.5724	0.1922	-0.0523	-0.1889	-0.2228	-0.1654	-0.2716	0.0494	-0.2296
PY06242	-0.4289	0.0624	-0.1105	-0.3254	-0.3079	0.3112	-0.0132	-0.0006	-0.1258	-0.1233	-0.089	-0.5936
PY04518	-0.0861	-0.1975	-0.2336	0.0732	-0.0156	-0.037	-0.0224	0.1357	0.0142	-0.0483	-0.3489	-0.092

PY06203	0.1281	0.1387	0.2608	0.1243	-0.0523	0.9734	0.303	0.0106	0.3322	-0.5042	0.0226	0.2427
PY00187	0.404	0.3008	0.3029	-0.1462	-0.3782	-0.2034	-0.1225	-0.1631	0.1826	-0.1914	-0.282	0.0025
PY07518	0.207	0.187	-0.2557	-0.0852	0.205	-0.0514	-0.2181	-0.0048	-0.2631	0.0581	0.1792	-0.1118
PY01934	0.0008	0.0718	0.0359	-0.3904	-0.4357	0.1013	0.0013	-0.0857	0.2399	-1.0664	-0.1151	0.0553
PY05834	-0.00591	0.5515	0.3459	0.7674	0.4326	1.0812	0.378	0.7008	0.3107	1.4956	0.8952	0.4275
PY07313	-0.1683	-0.3918	-0.3974	0.1704	0.3646	-0.3379	-0.4945	-0.0783	-0.0947	0.012	0.6796	0.1342
PY00413	-1.3348	-0.5835	-0.0622	-0.4253	-0.2197	-0.1169	-0.2066	0.2053	0.0008	-0.0962	0.4853	-0.3971
PY00880	-1.2182	-0.3698	0.0746	-0.0708	0.1436	-0.2367	-0.1871	0.1021	-0.1816	0.1498	0.702	-0.3789
PY04467	-0.3838	-0.1516	-0.2949	1.2958	-1.5188	0.1159	0.0724	0.6823	0.307	1.0637	0.7855	0.366
PY00566	-1.0439	-0.1743	-0.3296	0.9367	-0.1304	-0.558	-0.2874	0.5066	0.1572	-0.0719	1.3691	-0.1114
PY03980	-0.1203	-0.4278	-0.2877	-0.6934	-0.1603	-0.1913	0.0781	-0.0248	0.2898	-0.4045	0.4473	-0.0151
PY00447	-0.7752	-0.2865	0.2351	-0.2223	-0.5686	-0.49	-0.017	0.2668	0.4034	-0.3983	0.5303	0.1525
PY05755	-0.3506	0.0272	0.1557	-0.0798	-0.1326	-0.4119	-0.5073	-0.1425	-0.1814	-0.3389	0.2249	-0.439
PY07026	-1.0873	-0.2999	0.2066	-0.1966	-0.4139	0.1467	-0.0175	0.2974	0.3963	-0.0247	0.4439	-0.2628
PY03603	-0.8315	-0.2943	-0.4634	-0.3028	-0.0113	-0.2044	-0.4086	-0.0762	-0.0872	-0.1209	0.5772	-0.036
PY04887	0.1544	0.2181	-0.1677	0.0874	-0.0415	-0.1783	0.0443	-0.0847	-0.093	-0.4587	-0.3879	0.077
PY00656	-0.5485	-0.4126	0.0661	-0.0466	-0.0399	0.1118	-0.1214	0.0046	-0.1839	0.0414	0.2535	-0.0196
PY03380	-0.0672	-0.3799	-0.7947	-0.4431	-0.021	-0.2479	-0.2656	0.0266	-0.3741	-0.1036	0.0598	-0.1139
PY01522	0.3271	0.2868	0.6437	-0.0957	0.2248	0.3137	0.4207	-0.1231	0.2794	-0.2937	-0.2671	0.226
PY02773	0.0112	-0.0642	-0.256	0.2603	0.5248	0.4492	-0.2293	0.3238	0.0763	0.5009	0.5443	-0.0078
PY03529	0.5254	0.3512	0.1331	0.7392	-0.0981	0.1805	-0.0766	-0.1511	0.0574	0.2748	-0.1981	0.1997
PY06258	-0.2662	-0.1945	-0.1495	-0.2566	0.2997	0.2597	0.1259	0.2442	-0.0255	0.2387	0.1775	0.1573
PY05065	-0.0156	-0.0031	-0.3065	0.2502	-0.1953	-0.0907	-0.2522	0.2614	0.2147	-0.0462	0.215	0.0621
PY02924	0.1902	-0.0749	-0.2811	-0.2917	-0.0474	-0.0464	-0.2314	-0.1037	-0.0546	-0.2781	-0.2369	-0.7606
PY04098	-1.0714	-0.6304	-0.5735	-0.5698	-0.2973	-0.3379	-0.355	0.1601	0.0697	0.1416	0.5	-0.0866
PY01844	0.4645	0.1682	0.6547	0.2238	-0.5318	0.0288	0.7286	0.3705	0.8428	0.2533	-0.3003	0.5619
PY02685	-0.3531	0.0461	0.2169	0.0246	-0.0273	-0.4479	-0.2864	0.1187	0.1919	0.1408	-0.0141	-0.0682
PY07071	-0.4964	-0.2264	0.0124	-0.1335	0.0349	0.1667	0.1167	0.2558	0.2244	0.2474	0.207	0.1364
PY03573	0.3368	-0.0534	-0.2622	-0.6206	-0.2602	-0.1391	-0.0639	-0.1204	0.1576	0.1281	-0.0266	0.5493
PY00065	-0.5829	0.0688	0.0495	-0.2394	0.2449	-0.0352	-0.013	-0.0394	-0.3641	-0.2871	-0.0333	-0.2814
PY03778	-0.7743	-0.4548	-0.7516	-0.3371	-0.4239	0.0477	0.1865	0.2795	0.1389	0.0655	0.359	-0.41
PY05880	-0.584	-0.1582	0.3656	0.1966	0.1919	0.1679	0.0483	0.1448	0.546	0.202	0.423	-0.0676
PY00813	-0.2992	-0.3803	-0.5121	0.2962	0.6559	-0.0843	-0.084	0.0274	-0.1006	0.1342	0.1354	0.2734
PY02475	-0.0724	0.1786	-0.2931	0.154	0.226	-0.1882	-0.1387	0.1692	0.267	0.3839	0.2806	-0.0442
PY05412	-0.096	-0.0363	-0.06	0.1359	-0.3977	0.261	0.0526	0.1727	-0.6313	-0.1538	-0.3374	0.2014
PY01260	-0.3267	0.0421	0.2895	-0.2432	-0.1401	0.0898	-0.0311	-0.0465	-0.1821	0.2671	0.1395	0.0605
PY01213	-0.0527	0.0073	0.0199	-0.4086	0.0571	0.2297	0.2174	0.0059	0.3566	-0.2536	-0.1829	-0.0085
PY02235	0.3373	0.333	0.1963	-1.0685	-0.9581	-0.0986	0.6652	0.0324	0.7199	-0.1391	-0.2252	0.9069
PY02706	0.3625	-0.305	-0.1963	1.3091	1.0392	0.0672	-0.1583	0.549	-0.2439	1.0101	0.0214	0.0288
PY05846	-0.0341	-0.2516	-0.7043	-0.2937	0.1306	0.0131	-0.4958	-0.2151	-0.3736	-0.2763	-0.434	-0.3033
PY00892	-0.061	0.4039	0.3536	0.6748	0.3364	0.6134	0.4026	0.3941	0.4954	0.9124	0.4636	0.3485
PY05517	-1.8881	-0.0012	-0.2864	-0.54	-0.3171	-0.1622	-0.2991	-0.1545	0.1083	-0.134	0.2558	-0.4807
PY06728	0.4367	0.316	0.05	0.1944	0.0832	-0.1978	-0.1081	-0.2794	-0.3901	-0.147	-0.0644	-0.3622
PY03469	-0.4789	-0.2133	-0.2772	0.7188	0.1789	0.1435	-0.1588	0.4579	-0.0551	0.5541	0.5597	0.5185
PY00120	0.706	0.2011	-0.0345	0.9288	0.5577	0.2491	0.0695	-0.0385	-0.053	0.0859	-0.4401	-0.1034
PY04633	-0.1093	0.1998	0.0972	-0.715	-0.0095	0.6265	0.4822	-0.0717	0.0351	-0.3931	0.0932	0.0889
PY06048	-0.0991	-0.2076	-0.4853	-0.9368	-0.8914	-0.4311	0.4004	0.2594	0.7121	0.3194	0.054	1.0236
PY01516	-0.6456	-0.2837	-0.3444	0.1362	0.2701	0.0621	-0.1172	0.0493	-0.0028	0.1519	-0.0099	-0.0926
PY05146	0.6799	0.2629	0.1305	-0.0018	-0.0515	-0.04	-0.0992	-0.1522	-0.071	-0.3156	-0.2422	-0.2202
PY03601	0.085	0.0617	-0.0717	0.137	0.2125	-0.1094	-0.4686	-0.0962	-0.5193	-0.2277	-0.0113	-0.7865
PY03871	-0.1674	0.1162	-0.0827	0.0235	0.3021	0.094	0.0153	0.0938	0.1136	0.3211	0.1741	-0.2608
PY02973	0.173	-0.0974	-0.1107	0.063	-0.1008	-0.1488	-0.197	0.146	-0.0188	-0.0418	0.0651	-0.5249
PY00699	0.1324	-0.128	-0.1895	0.0284	-0.1289	-0.4655	0.1572	-0.2164	0.0177	-0.0524	-0.094	0.3
PY04605	-0.1041	0.0856	0.1512	0.4537	0.2783	0.0981	-0.2517	-0.1705	-0.1625	0.3211	0.0082	0.262
PY06702	-0.2579	-0.0974	-0.1419	0.2187	-0.0033	0.0557	0.0013	0.2279	0.4789	0.4565	-0.0934	-0.0937
PY04360	0.6099	0.2411	-0.5554	0.7826	0.3231	-0.0041	-0.1826	-0.1605	-0.0763	-0.0687	-0.4249	-0.2835
PY03936	-0.8756	-1.142	-1.0888	0.0327	-0.3739	-0.7548	-0.3964	0.4461	0.321	0.6785	0.3429	0.5875
PY01571	0.8351	0.4408	-0.0548	0.4009	0.4372	-0.1147	-0.0085	-0.1086	-0.4415	0.1379	-0.1224	0.3116
PY02288	-0.1476	0.0309	0.1009	-0.644	-0.2454	-0.0128	0.0145	-0.0867	-0.2969	-0.2816	0.1818	0.1372
PY01545	0.1274	-0.0467	0.0867	-0.3061	-0.3687	-0.0328	0.0626	-0.4401	-0.235	-0.3735	0.0579	0.2984
PY01016	-0.4508	0.1421	0.193	0.1692	-0.5431	-0.0322	-0.0189	0.2873	0.1754	-0.2585	-0.1702	-0.3198
PY04219	0.4123	0.0078	-0.0463	0.1526	0.275	-0.1504	0.0081	-0.1093	-0.2627	0.1398	-0.5096	0.0897
PY04803	-0.1638	1.4525	0.3221	-0.1933	-0.1067	-0.882	-0.2478	-0.2594	-0.0395	-0.777	0.0382	-0.5305

PY06788	-0.0086	0.0348	0.0276	-0.2319	-0.0109	-0.143	0.0181	0.0322	0.3316	0.2304	0.2803	0.1935
PY07103	0.0357	-0.131	-0.0396	-0.4606	-0.4132	-0.3226	-0.0269	0.0656	0.1603	0.2462	0.3012	0.2373
PY00804	0.042	-0.1108	0.2336	0.5052	-0.2772	-0.4078	-0.4499	0.3745	-0.0122	0.457	0.1564	-0.0793
PY03558	0.3855	0.19	-0.3699	0.6528	0.5981	0.261	-0.2526	-0.1581	-0.2973	-0.0225	-0.5023	-0.5035
PY05679	-0.0107	0.226	0.053	0.0365	0.4739	-0.1282	-0.2801	-0.3318	-0.3381	-0.5433	0.4663	-0.453
PY02471	0.2916	0.3523	0.5861	1.2647	1.361	1.1382	0.2371	0.3263	0.0258	0.6982	0.6876	-0.2154
PY02411	0.3717	0.2829	0.4963	0.0543	0.1374	0.4436	0.5443	-0.0449	0.247	-0.1318	-0.2859	0.3108
PY02847	-0.7144	0.0224	0.3644	0.2483	0.3037	-0.0767	-0.1075	-0.0241	-0.1146	-0.0743	0.495	-0.028
PY02600	1.0778	0.4873	0.4406	0.2771	0.1945	0.4307	0.1744	-0.2033	-0.1058	-0.1006	-0.6474	0.1147
PY06010	-0.1018	-0.4853	-0.736	-0.1061	0.3758	-0.1032	-0.2209	0.1786	-0.1202	0.3362	0.4171	-0.1261
PY04896	0.5451	0.6192	0.8739	0.3126	-0.1449	0.2974	0.3215	-0.3715	-0.1062	-0.0978	-0.7256	-0.0326
PY01759	0.0063	0.0969	0.1933	0.6587	0.4955	0.2065	0.0657	0.3604	-0.5002	0.4445	-0.167	-0.7832
PY00712	-0.4518	-0.0003	-0.2797	-0.0638	-0.3372	-0.3561	-0.1404	0.3454	-0.1272	0.4971	0.8679	-0.0342
PY03712	-0.9088	-0.354	-0.6525	0.215	0.5347	0.0332	-0.105	0.2292	-0.2352	-0.1328	0.2102	-0.198
PY05061	0.1086	0.3641	0.1195	0.3898	-0.0899	-0.2389	-0.3041	-0.0912	-0.1431	-0.0548	-0.107	-0.3094
PY04278	-0.4226	-0.1566	-0.3341	0.1652	0.2404	0.0777	-0.0761	-0.0109	0.0564	0.0628	0.0155	-0.0402
PY00359	0.4282	-0.1094	0.3274	0.3368	0.3304	0.2035	-0.0134	-0.1086	-0.1688	-0.0163	0.0787	0.1647
PY03081	0.4854	0.2341	-0.0322	0.1684	0.1392	-0.0906	-0.0931	-0.116	-0.2607	0.1182	-0.1149	0.0243
PY05936	0.4075	0.512	0.9666	-0.1287	-0.3968	0.0916	0.3765	0.1029	0.3009	-0.3246	-0.323	0.1594
PY03963	0.7212	0.3103	-0.187	0.4827	0.4552	0.0425	-0.0681	-0.0008	-0.2215	-0.336	0.0737	-0.3528
PY01825	0.2445	0.1345	-0.2516	0.0989	-0.1554	0.1287	-0.2001	-0.3706	-0.4013	-0.6109	-0.4601	-0.4531
PY02988	0.1013	0.0471	-0.1334	0.6738	0.3122	0.3376	0.0366	0.1286	-0.0396	0.2049	-0.0287	0.2244
PY07654	-0.1791	-0.4624	-0.5942	0.182	0.1766	-0.2751	-0.2143	0.0362	0.1586	0.1311	0.2934	0.0206
PY07124	0.2985	0.2276	-0.0066	0.463	-0.2354	-0.1964	0.0537	0.2948	0.1324	-1.2355	0.0758	0.0417
PY05360	-0.431	-0.2493	-0.0311	-0.4574	-0.4235	-0.5387	-0.1911	-0.0629	-0.0027	-0.0971	0.1806	-0.1172
PY02880	0.0707	-0.1682	-0.0428	-0.245	0.2953	-0.0534	0.1175	-0.622	-0.3241	-0.2134	-0.2713	-0.046
PY03077	-0.5241	-0.4281	-0.4576	-0.3666	-0.4099	-0.2509	0.0279	-0.1025	-0.7681	-0.3377	-0.3535	0.0436
PY00613	0.1043	0.0108	-0.7571	-0.1704	-0.062	-0.378	0.1726	-0.001	0.46	-0.0153	-0.0535	0.2586
PY01869	0.6075	0.6183	0.2957	0.6986	-0.0797	-0.0108	0.3309	-0.0231	0.2786	-0.1677	-0.253	0.4621
PY07682	-0.6643	0.0453	-0.2785	-0.0204	0.4539	0.1103	-0.0004	-0.0699	-0.088	-0.0243	-0.1179	-0.2856
PY04897	-0.3297	-0.4719	-0.5706	1.6587	0.1643	-0.2437	0.1412	0.5193	-0.1121	0.1177	0.4577	0.0022
PY00232	-1.3081	-0.2971	-0.079	-0.4879	-0.6103	-0.1332	0.1994	0.5885	0.1279	-0.2723	0.0477	-0.6067
PY03013	-0.4112	-0.6302	-0.4386	0.2649	0.0921	-0.0836	0.0468	0.2887	0.4448	0.5355	1.2879	0.1228
PY01529	-0.4796	-0.3553	-0.0374	0.2231	-0.1301	0.1591	0.1349	0.1928	0.1959	0.1086	-0.11	0.022
PY01671	-1.0114	-0.2266	0.0249	-0.1087	0.2538	0.2812	-0.1018	0.0825	-0.0995	0.2547	0.0231	-0.1674
PY05227	0.4072	0.3482	-0.2302	0.0935	-0.133	-0.1234	-0.4236	-0.2684	-0.2193	0.206	-0.079	-0.2693
PY01620	0.2979	0.415	0.2132	-0.4162	-0.0277	0.3433	0.2095	-0.2242	-0.029	-0.3048	-0.2171	0.1481
PY02437	0.4537	0.1213	-0.0362	0.2287	0.4258	0.2196	-0.0788	0.0131	0.0406	0.3129	0.3521	-0.1184
PY01243	-0.1158	-0.0564	0.4112	0.29	0.165	-0.0572	0.1201	-0.2575	-0.1611	-0.0306	-0.2471	0.3837
PY05644	-0.6351	-0.2043	-0.1784	-0.5492	-0.1222	-0.1549	-0.2198	-0.2206	-0.0294	0.0718	0.3365	-0.1004
PY06378	-0.1788	-0.0826	-0.1221	-0.0121	-0.0148	0.216	0.1477	0.1041	0.3177	0.1578	-0.0671	0.0547
PY04124	-0.7028	-0.1753	-0.1705	-0.5559	-0.6668	-0.1383	0.2667	0.3129	0.0766	-0.291	0.304	-0.2856
PY00526	-0.104	-0.1687	-0.1014	-0.1042	0.0335	-0.0294	-0.193	-0.2145	-0.1075	-0.1534	-0.2246	-0.3638
PY02793	-0.134	-0.1522	-0.0717	-0.086	0.1314	0.2806	-0.0543	-0.0119	0.0367	-0.1242	-0.0463	0.3031
PY01830	0.0473	-0.4832	-0.2877	0.8535	0.2895	0.1185	-0.2031	0.3756	-0.8132	0.7474	1.1441	0.1478
PY03059	-0.679	-0.0885	-0.2237	-0.225	0.3388	-0.0076	-0.188	-0.0227	-0.1816	-0.1146	0.126	-0.2275
PY00782	0.2595	0.1355	-0.0569	-0.0032	0.0155	0.0096	-0.3374	-0.2703	-0.5042	-0.0521	-0.0857	-0.7908
PY03088	-0.398	-0.1967	-0.2089	0.0985	-0.7989	0.0926	-0.1812	0.3628	0.4164	0.6918	0.0916	0.3003
PY05419	0.8373	0.4936	0.9356	0.0984	-0.2229	0.1432	0.4223	-0.1237	0.2374	-0.1223	-0.5154	0.4179
PY07085	0.6255	0.1378	0.4332	0.0507	0.1212	0.0434	0.2208	0.1111	0.3395	0.0782	0.022	0.5006
PY04874	-0.2446	0.1194	-0.0489	-0.2114	-0.0949	-0.256	-0.4669	0.0643	-0.2271	-0.2258	-0.2901	-0.8868
PY01645	0.037	-0.117	-0.1809	0.4777	0.5032	0.1385	0.1641	0.3395	-0.0338	0.2716	0.6169	0.258
PY00251	-0.072	0.1338	0.1738	-0.5313	-0.2263	-0.112	0.4386	-0.1498	-0.1963	-0.1152	-0.2192	-0.0777
PY06937	0.1869	0.1373	-0.0398	-0.493	0.1331	-0.0912	-0.0791	-0.1311	-0.1282	-0.0136	-0.2768	-0.1334
PY02466	-0.2597	-0.0329	0	-0.5288	-0.3409	-0.1161	-0.2627	-0.1673	0.1672	-0.1058	0.3085	0.0833
PY02723	0.4515	-0.0673	-0.0218	0.3582	0.0591	0.1634	-0.0327	0.0342	-0.173	-0.1558	-0.5369	-0.2569
PY05668	0.5855	0.5401	0.4754	0.535	-0.2411	0.4211	0.6059	0.1503	0.316	0.3565	-0.2004	0.1564
PY00560	-0.2482	-0.2802	-0.1444	0.2986	0.7215	0.0306	-0.29	-0.3438	-0.3933	-0.3917	-0.3779	-0.2823
PY00960	-0.2099	-0.0015	-0.2599	0.1335	0.2204	0.4739	0.272	0.1702	-0.0932	0.2352	0.1481	0.3248
PY01286	1.0139	0.4897	-0.0385	-0.0596	-0.167	-0.1449	0.2284	-0.5148	-0.1579	-0.2898	-0.3683	0.202
PY04862	0.7312	0.3343	0.1837	-0.6569	0.1194	0.322	0.2869	-0.4433	-0.162	-0.1727	-0.0683	0.2704
PY05341	-0.6679	-0.1693	0.4202	-1.1103	-0.7247	-0.1682	-0.0415	0.0742	0.7387	-0.3427	0.5531	-0.4145
PY00671	0.0111	0.2698	-0.2121	-0.6651	-0.4274	-0.1521	-0.0243	-0.1055	0.0289	-0.641	-0.2653	-0.0188

PY03097	-0.9516	-0.0871	0.304	-0.3545	-0.1015	-0.3181	-0.1715	-0.106	-0.0632	0.1004	0.2857	0.0871
PY03626	0.2632	0.2444	0.2747	-0.2176	-0.275	-0.0069	0.1692	0.0402	0.2841	-0.0153	-0.1111	0.1014
PY07186	-0.0967	0.559	0.2958	-0.0759	-0.2227	0.1736	0.1815	0.3442	0.181	0.1312	0.0372	-0.2257
PY03369	-0.3388	0.0869	0.4295	-0.5825	-0.5685	-0.5261	-0.1694	-0.2922	0.1372	-0.0719	-0.0089	-0.08
PY00018	0.2027	-0.0416	-0.2336	0.3369	0.3935	0.0196	0.0145	0.1884	0.0973	0.3671	0.4447	0.3076
PY03820	0.0657	0.2078	0.3934	-0.5432	-0.2556	0.0242	0.3496	-0.1283	0.4472	-0.4558	-0.2596	0.3866
PY02322	0.5453	0.7112	0.286	-0.3016	0.6855	-0.0283	0.0564	0.0838	0.1005	-0.0763	0.1059	-0.0677
PY04456	-0.0803	-0.2055	-0.0854	0.3219	0.4466	0.1733	0.0375	0.1136	0.0833	0.1133	0.191	0.2023
PY06760	-0.4135	-0.1113	-0.4285	-0.5932	-0.7499	-0.1281	-0.0637	0.2144	0.3154	-0.5695	-0.9726	-0.5036
PY02320	-0.157	-0.124	0.3495	-0.6371	0.0012	-0.176	-0.101	-0.0746	0.3004	-0.0862	0.2522	0.0319
PY06889	-0.42	-0.0448	-0.0875	-0.4025	-0.02	-0.3308	-0.0148	-0.1674	-0.0422	-0.158	0.1665	0.1314
PY04687	-0.8093	-0.1194	0.1417	-1.1066	-0.2027	0.2385	0.2589	-0.1441	0.0192	-0.5829	0.1027	0.0659
PY02877	-0.6672	-0.2745	-0.17	0.1599	-0.097	-0.1689	0.1836	0.3367	0.3966	0.2061	0.294	-0.0985
PY06322	-0.499	0.0101	0.1026	-0.0635	-0.5247	0.2273	-0.0517	-0.073	-0.0353	-0.0648	0.1672	-0.0775
PY01613	-0.0964	0.0526	-0.1805	-0.1213	-0.3854	-0.2927	-0.3614	-0.3566	-0.2619	-0.4527	0.1386	-0.2056
PY05986	0.3074	0.2543	0.2404	-0.2922	-0.3519	-0.2829	0.0881	-0.1437	0.6006	-0.2266	-0.5971	0.02
PY07344	0.7216	0.7028	0.2471	0.1105	-0.0274	0.3722	0.6701	-0.2979	0.3757	-0.2304	-0.3605	0.5973
PY03497	0.3759	0.3992	0.2838	0.659	0.299	0.1418	0.2313	0.1769	0.3374	0.164	0.4831	0.3704
PY03726	0.1361	0.1664	0.3726	-0.5565	-0.7251	-0.0805	-0.0925	-0.3359	0.5243	-0.285	-0.8596	0.0692
PY01637	-0.4641	0.0417	-0.0084	-0.2258	0.7202	-0.0129	0.1556	0.1093	0.1545	-0.2037	0.0282	-0.3336
PY07033	-0.2866	-0.1035	0.0345	-0.0768	-0.2625	0.1295	0.2246	0.1592	0.0656	0.1418	-0.5379	-0.1208
PY01701	-0.2049	-0.0209	-0.1503	-0.1545	0.0297	-0.4764	-0.474	-0.1915	-0.1176	0.0475	0.0669	-0.2269
PY06528	-0.6431	0.1598	0.4229	-0.5489	-0.59	-0.0074	0.1558	0.0267	0.2777	-0.6033	-0.1334	0.169
PY04434	0.0679	0.0298	-0.0193	-0.5898	-0.0958	-0.1261	-0.048	-0.0942	-0.496	-0.2202	-0.1485	0.1434
PY05077	-0.6967	-0.0078	-0.0316	-0.3142	0.0528	0.0121	-0.7502	0.2707	0.2291	0.0136	0.5801	-0.0225
PY06291	0.4843	0.1767	0.1899	0.1325	-0.2561	0.0905	-0.0716	-0.0597	-0.1115	-0.4477	-0.7369	-0.0015
PY03148	1.0116	0.4579	0.8254	0.0678	-0.1766	0.0286	0.4494	-0.215	0.3256	0.1528	-0.3081	0.4438
PY01204	0.6857	0.2331	0.1462	0.2368	-0.0052	-0.1165	-0.0398	-0.2684	-0.2554	-0.1322	-0.4475	-0.3968
PY00538	0.4167	0.45	0.3344	0.0936	-0.2905	0.1054	0.5462	0.0203	0.198	0.0524	0.0566	0.5813
PY01170	-0.0829	0.11	-0.0722	-0.2084	-0.0583	0.2867	0.2537	0.089	0.1509	-0.1773	-0.2666	-0.0983
PY03732	0.077	0.2245	0.3282	0.0735	0.4366	-0.035	0.0471	-0.1874	-0.2126	0.1924	0.1481	0.5518
PY01031	0.319	-0.0335	0.313	0.3355	0.1444	-0.2153	0.0886	0.1043	-0.0551	0.4773	0.0447	0.2968
PY06977	-0.3481	-0.2447	-0.0879	0.236	0.2348	0.1444	-0.0551	0.2798	0.1877	-0.0199	-0.0226	0.0312
PY03782	-0.7436	-0.4065	-0.066	-0.3361	-0.4125	-0.1127	-0.0499	0.3683	0.2382	0.3371	0.5403	0.0725
PY01004	-0.7331	-0.7778	-0.473	1.2231	2.9847	0.1047	0.0762	0.4415	0.3317	1.3285	0.1136	-0.103
PY05464	-0.5132	-0.2049	0.003	0.7258	0.0279	-0.3387	-0.1552	0.1886	0.012	0.3311	0.5414	0.0609
PY03618	0.4158	0.5107	0.6903	0.0386	-0.3912	-0.1323	0.1128	-0.4391	-0.022	-0.1883	-0.291	0.3428
PY04406	-0.5494	-0.0446	0.0144	-0.5986	-0.4343	-0.0926	0.0604	0.3825	0.5722	0.2126	0.4479	-0.066
PY00100	-0.3479	-0.3704	-0.1968	0.5018	0.3585	0.1437	-0.1364	-0.1619	-0.1054	0.4209	0.2592	0.2253
PY00742	0.5838	0.0709	0.0111	-0.2652	-0.1753	-0.2412	0.0448	-0.1286	0.1332	-0.0522	0.0629	0.4524
PY02986	0.0777	0.0012	-0.2505	-0.2482	0.1072	0.0551	-0.0656	-0.1942	-0.1013	-0.16	-0.2492	0.2001
PY06215	0.426	0.0342	-0.0866	-0.7686	0.1761	0.0906	-0.037	-0.1874	-0.2243	-0.1641	-0.1913	-0.2133
PY07446	0.0446	-0.0423	-0.1653	-0.4321	-0.312	-0.0248	-0.141	-0.0756	0.0041	-0.1343	-0.4467	-0.0455
PY05264	0.0206	0.1054	-0.2548	-0.1187	0.0294	-0.2128	0.0019	-0.0211	0.1111	0.1009	0.1592	0.0627
PY02535	0.2724	0.1106	-0.0262	0.6593	0.5325	0.5221	-0.136	0.0246	-0.5244	0.527	0.0873	-0.4122
PY06199	-0.5733	-0.192	0.0112	-0.8092	-0.1275	-0.1283	0.1924	-0.2823	0.5769	-0.4124	0.0345	0.2065
PY02443	0.2382	0.3491	0.2795	0.1761	-0.1459	0.1504	0.0933	-0.0081	0.1121	-0.1341	-0.6585	0.1314
PY06752	-0.3901	-0.267	-0.2839	0.8267	0.1581	0.0705	0.0364	0.609	0.3147	0.0028	0.7109	0.1123
PY01450	0.0642	-0.0353	0.0962	-0.3019	0.2136	0.3564	0.3646	0.1379	-0.0208	-0.0209	-0.2481	-0.1153
PY01228	0.2698	0.2357	0.4648	0.768	-0.0125	0.1338	0.1575	0.0827	-0.0346	0.2735	-0.4205	0.0273
PY06169	0.0491	-0.0031	-0.2513	0.3785	0.9409	0.5742	0.0512	0.5138	-0.0805	0.5075	0.9612	0.0585
PY06955	0.2419	-0.2666	-0.2609	-0.1959	-0.2083	-0.5197	-0.1481	0.2659	0.4289	0.1098	-0.1095	-0.3759
PY01250	-0.0673	0.054	-0.7743	0.3833	0.6859	0.2012	0.2199	0.0219	0.0556	0.2055	0.3838	0.663
PY07660	-0.6272	-0.4863	-0.1013	-0.4457	-0.1748	0.2187	0.1547	0.4884	0.1735	-0.3261	0.1058	-0.4485
PY05600	-0.6748	-0.3967	-0.5085	-1.0393	-0.3474	0.0254	-0.1457	0.2825	0.2628	0.2373	0.745	0.2442
PY00042	-0.2927	-0.0531	-0.1932	0.2424	-0.3211	0.3558	0.1214	0.415	-0.1235	0.2438	-0.1691	-0.1759
PY04210	0.006	0.0296	0.2613	0.1684	0.0395	0.0291	-0.0759	-0.2667	-0.1925	-0.043	-0.08	0.0389
PY01889	-0.3194	-0.0134	-0.3299	-0.4908	-0.3997	-0.3437	-0.0508	0.0034	0.3345	0.3402	0.2374	-0.052
PY03176	-0.384	-0.2752	-0.5826	-0.3823	-0.0208	-0.2884	-0.2245	-0.0661	-0.3713	-0.0077	-0.0731	0.004
PY05387	-0.5215	0.1624	0.2886	0.2826	-0.4009	-0.2211	0.1351	0.0901	0.3802	0.1233	0.0378	-0.1818
PY03000	0.1224	-0.1166	-0.1958	-0.1787	0.0152	-0.0116	0.0297	-0.3014	-0.0845	-0.2038	-0.3006	0.153
PY05788	-0.1972	-0.2696	-0.2212	0.2397	-0.0092	-0.1506	-0.1367	-0.0047	0.1451	0.0328	-0.2292	-0.3871
PY00947	-0.035	-0.1977	-0.1142	0.3976	0.1787	0.0839	-0.2123	0.2159	-0.3533	0.1422	-0.0315	-0.4226

PY06128	0.2494	-0.0345	-0.0092	-0.3135	-0.2686	-0.0309	0.0069	0.0691	0.0544	0.0172	-0.0712	0.3252
PY01066	0.0903	0.3282	0.1052	-0.6068	-0.5426	-0.1163	0.1901	-0.2245	0.3165	-0.7896	-0.2969	0.1645
PY04350	-0.465	-0.5248	-0.3607	-0.0472	-0.3841	0.0635	-0.4847	0.3049	0.2268	0.1158	0.505	-0.1051
PY01550	-0.6185	-0.0999	0.5382	-0.3731	-0.0786	0.1729	0.0801	0.2577	0.0666	-0.2683	0.6294	-0.371
PY07125	0.3605	0.204	0.0016	0.2672	-1.5347	0.0842	-0.1742	-0.0027	0.0961	-1.0081	-0.211	-0.1291
PY05063	0.4094	0.2725	0.2167	0.5587	0.0083	-0.0639	0.0341	-0.2519	-0.1227	-0.1033	-0.4691	0.1739
PY04547	0.5366	0.5496	0.9319	0.7017	-0.0027	0.1683	0.1696	-0.259	-0.0661	-0.3463	-0.7838	-0.0486
PY06934	0.3574	0.1297	0.0073	0.48	0.4405	0.1573	-0.1219	0.0639	0.1307	0.7365	-1.7592	0.0425
PY05085	0.7378	0.0148	0.5906	0.2935	0.1259	-0.0107	0.3482	0.0292	-0.0536	-0.2196	0.0517	0.0438
PY06104	-0.3357	0.0005	-0.1816	-0.2322	0.0967	-0.0066	-0.1267	0.1746	0.1986	0.2315	0.298	-0.2349
PY03828	0.2061	0.0118	-0.2573	0.9074	0.5196	0.2886	-0.1263	0.216	0.1261	0.0769	0.669	-0.1817
PY04313	-0.6704	-0.0636	-0.2175	-0.0778	-0.2095	-0.1097	0.0114	0.4054	0.2124	0.3321	0.2727	-0.0709
PY05531	-0.2474	0.0222	0.1784	-0.4631	-0.3832	-0.0898	0.007	0.1906	0.291	-0.2867	-0.1208	0.2814
PY02786	-0.4328	0.0608	0.1586	0.1124	-0.0226	0.2337	0.2222	0.3579	0.1357	0.22	0.0755	0.3352
PY04889	0.3839	0.2347	0.6221	-0.0132	-0.375	0.0703	0.3511	-0.2475	0.282	0.0467	-0.5367	0.4175
PY07474	0.3834	0.074	-0.0609	-0.0754	-0.0528	-0.2407	-0.2837	0.2838	-0.0312	-0.3124	-0.2052	-0.4838
PY04598	-0.9233	0.173	-0.2113	0.0471	0.1856	-0.2788	0.0447	0.2101	-0.1949	-0.0432	0.1394	-0.6151
PY06562	-0.691	-0.7909	-1.0333	-0.4049	0.293	-0.0497	0.052	0.6432	0.3015	0.2727	0.3797	-0.2295
PY00514	0.478	0.4321	0.5248	0.4942	-0.19	0.0945	-0.0348	-0.3917	-0.1566	-0.3376	-0.4824	-0.2067
PY02848	-0.6952	-0.1476	-0.202	-0.4944	-0.1294	-0.547	-0.1949	0.1592	0.0117	0.1967	0.5839	0.2141
PY01986	0.9523	0.4474	0.4015	0.1517	-0.3336	-0.1287	0.1651	-0.1781	0.1425	-0.3111	-0.6151	0.4863
PY05348	-0.0866	0.0837	0.0965	-0.9268	-0.4467	-0.2865	-0.1724	-0.3593	-0.033	-0.3822	0.1954	-0.3097
PY04373	-0.9927	-0.2265	0.3344	-0.8701	-0.4836	-0.1394	-0.3275	-0.1544	-0.1091	-0.4294	0.0933	-0.4537
PY04355	-0.7779	0.1509	-0.0146	0.0439	0.0074	0.7391	0.2709	-0.0191	0.0038	0.0518	-0.0124	-0.5603
PY06944	0.008	-0.0441	-0.0564	-0.3573	0.0905	-0.2849	0.0961	0.1941	0.6193	-0.1287	0.4074	0.7392
PY02470	0.3805	-0.0554	0.3848	-0.6358	0.4792	0.1224	0.1595	-0.3422	0.0177	-0.4243	-0.2574	0.1108
PY02749	-0.6834	-0.0104	0.0835	-0.0477	0.1929	-0.0086	-0.1385	-0.0327	-0.1775	-0.0769	-0.0262	-0.0493
PY05471	-0.3446	-0.3113	-0.0344	1.1459	0.4452	0.1617	-0.1891	0.3174	-0.1212	0.6127	0.218	-0.1427
PY03708	-0.9173	-0.407	-0.1095	-0.3711	-0.095	0.0473	-0.0834	-0.0444	0.0185	-0.0395	0.0397	-0.1132
PY05857	-0.2845	-0.3616	-0.0591	-0.6649	0.2838	-0.2494	-0.3314	-0.2854	-0.3878	-0.0532	0.0997	-0.1225
PY03961	0.0461	-0.046	0.198	0.0796	-0.1364	0.0092	0.0376	-0.0692	0.0368	0.1894	-0.0159	0.1489
PY00888	-0.88	-0.5513	-0.5737	-0.3094	-0.159	-0.1207	-0.2647	0.1193	-0.3656	0.128	0.2012	0.0019
PY00851	-0.5106	-0.4516	-0.3073	0.7198	0.4216	0.102	-0.0204	-0.0027	-0.8128	0.5649	-0.1057	-0.7871
PY05501	-0.4853	-0.2627	0.2444	0.2869	-0.1207	-0.2769	-0.2614	-0.0334	-0.0103	-0.1462	0.1914	-0.1137
PY06699	-0.1302	-0.2988	-0.2734	-0.4054	0.1556	-0.0291	0.0751	-0.2326	0.4607	0.1296	0.0063	0.2896
PY00945	0.8403	0.2987	0.3213	0.2961	0.1376	0.1853	0.4843	0.2321	0.2813	0.4229	-0.1076	0.715
PY00914	-0.3678	-0.0653	-0.1381	-0.002	0.1398	0.2352	0.1743	0.1796	-0.1637	0.1576	-0.106	0.1867
PY01705	0.138	-0.0926	-0.1092	1.1277	0.3054	0.0732	0.0552	-0.1358	0.2812	0.1948	0.0634	0.2888
PY00478	-0.1282	-0.1749	0.045	0.8345	1.2283	0.4735	-0.0507	0.3625	-0.0019	0.6227	0.836	0.2135
PY06961	0.0776	-0.1059	-0.2428	0.2523	0.1548	-0.1929	-0.0695	-0.2002	0.008	-0.1422	-0.2857	-0.0382
PY01920	0.5557	0.3299	0.6723	0.3294	0.008	-0.0199	0.0749	-0.0348	-0.14	0.3507	-0.149	-0.0014
PY04444	-0.4272	-0.1934	-0.0134	0.5504	0.466	-0.0015	0.0873	0.1274	-0.3598	0.3998	0.3344	-0.1193
PY07131	-0.8755	-0.7945	-0.5013	0.0214	-0.1354	-0.18	0.1737	0.3677	0.4187	0.319	0.637	0.1354
PY02953	-0.2889	-0.197	-0.1389	0.4854	0.2209	-0.5015	-0.3732	-0.3175	-0.0593	0.0439	0.4815	0.2025
PY01409	0.1269	0.3272	0.668	0.3629	0.2407	0.1318	0.1019	0.3112	0.1843	0.624	-0.3103	-0.1629
PY03430	-0.1472	0.1259	0.1714	-0.0156	-0.0477	-0.0505	-0.1817	0.0738	-0.1702	-0.0484	0.0341	-0.0465
PY04045	-0.1043	0.0326	0.0572	0.291	0.1662	-0.0227	-0.3244	0.0252	-0.1705	0.1238	-0.0694	-0.3405
PY05756	0.4432	0.3056	0.5184	0.0603	-0.0326	0.1125	0.0458	-0.0924	-0.3963	0.0104	-0.3562	-0.2188
PY06289	0.4187	0.2209	0.1979	0.3915	0.6996	0.0658	-0.067	0.0381	-0.3937	0.3336	0.2537	0.0297
PY06849	-0.6023	-0.4227	-0.1727	-0.3683	-0.4937	0.1595	0.3583	0.5681	0.4124	0.5627	0.5	0.3915
PY04849	-0.3492	0.1087	-0.0723	0.8845	0.3868	0.0478	0.0282	0.4714	0.1256	0.2934	0.2724	-0.2573
PY02645	-0.5496	0.1098	0.2102	-0.4566	-0.2608	0.3284	0.3018	0.3589	0.441	-0.3478	0.2184	-0.2319
PY00379	-1.5595	-0.5776	0	-1.6656	-1.61	-0.9414	-0.3903	-0.0739	0.2373	-0.3358	0.7181	-0.2978
PY07439	-0.9254	-0.1732	-0.5636	-0.3008	-0.2705	0.0347	-0.315	0.2522	-0.0499	0.2143	0.144	-0.1928
PY07631	-0.7838	-0.4036	-0.5989	0.1288	-0.1056	-0.1051	-0.4156	0.0511	-0.1404	0.1664	-0.0803	-0.0061
PY01497	-0.0148	-0.0406	0.2396	0.1428	0.2575	-0.2717	-0.0673	-0.1657	0.0391	-0.2292	0.2745	0.0033
PY00873	0.2553	0.1718	0.025	0.255	0.1178	-0.0713	-0.3568	-0.1587	-0.3169	0.0821	-0.266	-0.2893
PY06902	-0.2754	0.4831	0.5747	0.0366	0.0144	0.1506	0.2183	0.3344	0.2877	0.489	0.8927	0.2617
PY03476	0.0871	-0.0631	0.5543	0.1515	0.096	0.3804	0.3383	0.5165	0.5815	0.1101	-0.2302	-0.149
PY06948	0.0233	-0.3127	-0.2587	-0.2414	0.1077	-0.0328	-0.1141	0.021	0.0044	-0.2056	0.2107	0.2101
PY03552	0.418	0.5938	0.1161	-0.5545	-0.8835	-0.3018	0.4141	0.0393	0.3518	0.0177	-0.2882	0.3964
PY01501	0.7166	0.4401	0.0265	-0.0493	-0.2895	2.2633	0.6261	0.234	0.4243	-0.1129	-0.1998	0.3493
PY05578	-0.0336	0.0452	0.2503	-0.185	0.3058	0.1603	-0.0062	-0.0933	-0.2712	-0.1458	-0.0013	-0.0828

PY05730	0.5095	0.6056	1.1379	0.1852	-0.9191	0.4198	0.5047	-0.0847	0.2728	-0.2835	-0.9084	-0.1798
PY02205	0.0936	0.1196	-0.1252	-0.1002	0.2092	-0.2948	0.0311	-0.1114	-0.1052	-0.02	-0.1555	-0.1303
PY04617	0.1854	0.2285	-0.0397	-0.2013	-0.2086	-0.5255	-0.1919	-0.0726	-0.1224	-0.0597	0.2393	-0.3517
PY03644	-0.0938	-0.237	-0.451	-0.0835	-0.2378	-0.0117	-0.1704	-0.2148	-0.2617	-0.0667	-0.4764	-0.1897
PY03941	-0.8326	-0.5814	-0.1895	-0.1606	0.4126	-0.1055	-0.1178	0.2606	0.2666	0.4509	0.7862	0.2484
PY01030	0.2535	0.2329	0.188	0.6578	0.605	-0.0372	0.1853	0.0889	0.0386	-0.0112	0.3548	0.2077
PY00871	0.6746	0.2276	0.0107	0.5091	0.9221	0.3249	0.2329	0.2231	0.1245	0.2578	0.9761	0.338
PY04078	-0.2267	-0.4804	-0.7519	-0.0114	0.2201	-0.1692	-0.2596	0.2129	-0.1156	0.1263	0.5818	0.0863
PY06007	0.4419	0.004	-0.0206	-0.0306	0.0247	-0.1655	-0.1192	-0.1918	-0.1106	-0.1029	-0.2019	0.1009
PY03619	0.409	0.08	-0.2553	0.252	-0.8051	-0.402	-0.0841	0.5624	0.0332	-0.4455	0.1002	0.1531
PY00806	-0.1915	-0.3334	-0.4596	0.4608	0.6579	0.2145	0.0229	0.0892	-0.2766	0.01	0.0976	-0.0497
PY07254	0.0474	0.1203	0.2476	-0.4275	-0.3422	-0.013	0.3965	-0.0705	0.1108	0.1245	-0.2405	0.1771
PY04354	-0.398	-0.5608	-0.4195	-0.1518	-0.2956	-0.2049	-0.2027	0.2827	0.2964	0.3321	0.4346	0.6738
PY00615	0.7681	0.4968	0.3265	0.4519	-0.0817	0.2051	0.0743	-0.0355	-0.1096	-0.3775	-0.6381	-0.3037
PY00840	-1.6728	-0.4051	-0.5263	-0.3026	-0.1962	-0.2352	-0.2604	0.3422	-0.0821	-0.2904	0.7915	-0.1202
PY06290	-0.5448	-0.0831	0.6613	-0.4112	-0.3945	-0.3904	-0.212	-0.0966	0.1752	0.3705	0.29	0.0926
PY01727	0.2792	0.0802	0.0928	0.1945	-0.0695	0.2443	0.0978	0.0939	-0.0027	-0.0504	-0.0002	-0.2294
PY04676	-0.5314	-0.1497	-0.0883	-0.263	-0.4767	-0.3341	-0.234	0.1345	0.0904	0.0309	0.6513	0.1043
PY05686	1.1146	0.3488	-0.0775	0.08	-0.5886	-0.1862	0.1861	0.4416	0.4715	0.2138	-0.4207	0.2927
PY03406	-0.4668	-0.0421	0.5068	0.1169	-0.2807	-0.0763	-0.0491	-0.0148	0.0127	0.1093	0.0371	0.1492
PY04077	-0.855	-0.2856	-0.2859	-0.3541	-0.0288	-0.6326	0.0174	0.5433	0.5437	0.4034	0.4082	0.1827
PY04718	-0.1918	-0.3267	-0.114	0.1827	0.127	0.0513	0.1078	0.0264	-0.0725	0.1773	0.4632	-0.0253
PY06949	-0.6034	-0.4804	-0.6921	-0.5239	0.4281	-0.2014	-0.1281	0.4986	0.1004	0.0829	0.0605	-0.2169
PY05201	0.1214	0.1698	0.472	0.3112	-0.0209	0.05	-0.0087	0.0205	-0.0294	0.071	-0.1543	0.4181
PY04748	-0.1614	0.1396	0.2079	0.4627	-0.1426	0.1064	0.3155	0.2569	0.2736	0.1822	0.1626	-0.0308
PY05051	-0.0562	-0.0296	0.6308	0.3027	-0.0086	0.0399	-0.1926	-0.2107	-0.1026	-0.1811	-0.3882	-0.2008
PY03189	0.0205	-0.0519	-0.3616	-0.2336	0.0477	0.1573	0.005	-0.0852	-0.0779	-0.3343	-0.0289	-0.0314
PY06551	-0.2572	-0.0651	-0.3464	-0.1726	-0.1001	-0.155	-0.2748	-0.071	-0.0428	-0.1369	0.1873	-0.3918
PY06621	0.048	-0.2231	-0.0222	-0.1266	0.3161	0.0547	-0.0416	0.0963	0.0705	0.096	0.3628	-0.0353
PY03173	0.7431	0.5149	0.2592	0.3982	0.0257	-0.0855	0.4889	0.2055	0.3185	-0.7304	0.0401	0.345
PY01626	0.3093	0.0218	0.1169	-0.7189	-0.0647	0.1691	0.146	-0.1989	0.0525	-0.0053	-0.2102	0.3526
PY04957	-0.434	-0.202	-0.067	0.2288	0.157	0.1138	-0.2287	-0.278	-0.3559	-0.1099	0.146	-0.4118
PY04852	-0.3896	-0.2619	-0.0923	0.158	0.8531	0.3562	0.0984	-0.0245	-0.3398	0.1939	0.3561	-0.0185
PY00093	0.2653	0.1469	0.0332	0.6891	0.5464	-0.1092	-0.3392	-0.5106	-0.4356	-0.2368	-0.5395	-0.3848
PY01293	-0.937	-0.4068	-0.016	0.2099	0.1659	0.1204	-0.0629	0.0558	0.1487	0.009	-0.1223	-0.1073
PY00834	0.7545	0.8834	0.7749	0.5747	-0.0492	-0.2921	0.3882	0.136	0.298	-0.1	-0.0038	0.445
PY06387	-1.1479	-0.1154	0.1627	-0.339	0.5344	0.402	0.271	0.3429	0.2776	-0.3232	0.5696	0.0938
PY06532	-0.1115	-0.1198	-0.4881	-0.6576	-0.3769	-0.3195	-0.0465	-0.2217	0.1081	-0.1407	0.162	-0.0378
PY06346	1.0475	0.8444	1.0415	-0.1073	-0.7152	0.1241	1.2501	0.1706	0.689	0.1762	-0.6196	0.9173
PY00080	0.5175	0.264	-0.4222	0.4092	-0.0801	0.2703	0.1668	-0.0402	0.0863	0.3562	-0.2557	0.4319
PY03508	-0.4533	0.0292	-0.2327	-0.7038	-0.6236	0.0589	-0.1378	0.0247	-0.0107	0.0839	0.1296	0.0227
PY02272	-0.008	-0.0081	0.0483	-0.3034	0.3249	0.2051	0.0386	-0.029	-0.2832	-0.3713	-0.1935	0.2622
PY00685	0.1641	0.343	0.6293	-0.2848	-0.0756	0.2858	0.6263	0.2626	0.252	-0.0238	-0.4558	0.1255
PY00518	-0.0017	-0.7352	-0.077	0.5772	0.3463	0.1124	-0.1083	0.0951	-0.4728	0.3601	0.0164	0.1006
PY00693	-0.1857	-0.2001	-0.4136	0.3939	0.3535	-0.1051	-0.2056	0.0202	-0.1669	0.3269	0.4162	-0.0792
PY01465	-0.4473	-0.4658	-0.6115	-0.0617	-0.0703	-0.2965	0.0997	0.2111	0.3097	-0.0188	0.1875	0.2078
PY00317	-0.2626	-0.0834	-0.1045	-0.3351	-0.0596	-0.2124	0.1062	0.3922	0.4541	-0.0532	0.321	-0.0568
PY05266	0.0998	0.0199	0.2128	0.0868	-0.2715	-0.0961	0.0604	0.3512	0.3273	0.5307	-0.2925	0.2493
PY05182	0.0849	-0.4191	-0.1166	0.004	-0.0098	-0.2402	-0.1808	-0.2067	-0.3398	-0.1184	0.0114	0.2457
PY01700	-0.4186	-0.0883	0.0424	-0.0433	0.0382	-0.1341	-0.1135	0.294	0.1843	0.3355	0.7416	-0.2205
PY04905	0.031	-0.2045	-0.1509	0.2022	-0.1116	0.0859	0.0927	0.0796	-0.0369	-0.0347	0.0439	0.2397
PY01606	0.1347	0.4356	0.085	-0.1655	-0.1963	0.3705	0.0886	0.0173	0.1449	-0.1359	-0.2559	0.1729
PY00422	-0.1206	0.1485	0.323	0.1439	-0.3761	0.3465	0.0877	-0.1827	-0.0055	-0.4583	-0.0359	0.2163
PY01116	-0.7679	-0.0524	0.1418	-0.5565	-0.5084	0.3703	0.1982	0.2082	0.1216	-0.0044	0.2036	-0.2314
PY04090	0.2803	0.2994	0.4388	-0.0346	-0.2231	0.1642	0.3463	-0.0129	0.1961	-0.4044	-0.4977	0.2177
PY01765	-0.6184	-0.4984	-0.4698	0.059	0.4346	0.2096	-0.1939	0.4905	-0.1535	0.3135	0.7754	-0.1671
PY02556	0.0893	-0.0636	-0.2377	1.9895	0.6831	0.079	-0.3727	0.7293	-0.486	0.4777	0.4488	-0.0618
PY05096	0.2373	0.1468	-0.049	0.358	-0.3424	0.2305	0.1798	0.2357	0.4386	0.0697	-0.3889	0.2003
PY02740	-0.5135	0.1419	0.2398	0.3331	0.0322	-0.0558	-0.0754	0.2435	0.0163	-0.0907	0.7636	-0.2795
PY03755	0.6503	0.1752	0.0784	-0.4695	-0.0294	0.1986	-0.0266	-0.4562	-0.2694	0.0348	-0.5751	-0.021
PY06966	0.3684	0.3818	0.0606	-0.1019	-0.1894	-0.2107	-0.1586	-0.4788	-0.1044	-0.2798	-0.5166	-0.1457
PY02171	0.5416	0.5215	0.8536	-0.4034	-0.0927	-0.2004	0.3688	-0.1645	0.3037	0.003	-0.2322	0.5626
PY05573	-0.7216	0.1341	0.1237	0.2658	-0.3112	0.3745	-0.0005	0.051	-0.0101	0.0508	-0.2683	0.1886

PY03776	-0.0488	-0.1944	-0.0676	0.7776	0.6117	0.1021	-0.1733	-0.1655	-0.1785	0.3688	-0.0901	0.0467
PY06487	0.1672	0.2994	0.3061	0.2198	-1.7127	0.0952	-0.007	0.1614	0.4061	-0.7194	-0.3153	0.2492
PY01882	-0.4233	-0.2979	-0.2408	-0.2993	-0.2111	-0.1142	-0.707	-0.0062	0.091	-0.0566	-0.1407	0.0328
PY00536	1.1793	0.9442	1.0666	-0.0175	-0.7343	-0.0278	0.5416	-0.4246	0.3195	-0.3584	-0.8968	0.4377
PY01255	0.6463	0.145	0.1832	-0.1207	-0.0879	-0.0428	0.1469	-0.3027	0.1165	-0.3414	-0.0887	0.2292
PY02017	0.0749	-0.1437	-0.3529	-0.2967	0.2924	-0.1769	-0.2984	-0.3273	0.0449	-0.1099	0.091	-0.3052
PY07520	-0.1258	0.1113	0.481	-0.4071	-0.457	0.0751	0.0359	-0.0868	0.2353	0.1005	-0.2788	-0.0293
PY01717	-0.8705	-0.2225	0.0488	-0.4719	-0.9945	-0.3795	-0.1632	-0.7167	0.2667	-0.5933	0.0483	-0.1139
PY05632	1.5721	0.9115	1.3311	0.0838	-0.4305	0.044	0.6509	-0.1091	0.9408	0.2885	-0.8214	0.7477
PY02852	0.6552	0.3224	0.3579	-0.0573	0.204	0.3154	0.6538	0.1967	0.3414	-0.0043	-0.3302	0.4411
PY04389	0.0145	0.1045	0.5508	-0.1243	-0.3713	0.2359	0.3583	0.0382	0.3797	-0.0157	-0.1918	0.2209
PY01472	0.647	0.2033	-0.2411	0.5797	0.307	-0.0429	0.16	0.0417	-0.1803	0.2339	0.7775	0.2172
PY00744	-0.5057	-0.8199	-0.657	0.2821	-0.105	-0.0776	-0.0474	0.0531	-0.2355	-0.3846	0.3542	-0.0396
PY05739	-0.3901	0.0837	-0.0545	-0.8319	-0.8015	-0.1221	0.1225	-0.4561	0.2991	-0.1548	-0.404	0.0791
PY04490	0.3851	0.3066	0.2812	0.1995	-0.3031	0.152	0.0597	-0.0868	0.1955	0.1998	0.36	0.1118
PY05552	-0.74	-0.2278	-0.2102	-0.4045	-0.1253	-0.4351	-0.4693	0.1228	-0.0608	0.1686	0.589	-0.3411
PY03512	-0.6509	0.0258	0.3152	-0.0642	-0.3581	-0.2093	0.022	0.0107	0.2194	-0.2245	0.3994	-0.3353
PY02624	-0.3636	0.0096	-0.3961	1.4547	0.3486	0.1816	0.3514	0.8154	0.2232	-0.124	-0.1401	-0.012
PY03185	-0.32	0.1795	-0.2655	-0.269	-0.6615	-0.1518	0.0742	0.1417	0.538	0.4459	0.3622	0.5787
PY01911	0.0453	-0.1272	0.2283	0.7226	0.1989	0.1522	-0.2836	0.356	-0.1594	1.2569	0.2568	-0.2128
PY01138	-0.874	-0.2712	0.0099	0.1737	-0.2314	-0.204	-0.0486	0.6703	0.2005	-0.233	0.264	-0.5057
PY01024	0.792	0.427	0.2079	0.9166	-0.0392	0.1353	-0.0719	-0.3912	-0.1978	-0.5512	-0.7819	-0.24
PY05211	-0.395	-0.3075	0.3015	0.4962	-0.1279	0.3104	0.2192	-0.3828	-0.2772	-0.4786	-0.5283	-0.4896
PY02591	-0.0937	-0.0482	0.0598	-0.0495	-0.2038	-0.0526	-0.6134	-0.0108	0.0506	0.1068	-0.1936	-0.0465
PY01667	-0.0714	-0.2434	-0.4904	0.5107	-0.1764	-0.3089	0.1339	0.1237	-0.2875	0.6923	0.2913	-0.0188
PY00293	0.1495	0.0273	-0.3519	-0.0553	0.235	0.4925	0.2948	-0.006	-0.1853	0.0042	-0.2857	-0.2385
PY06601	-0.1708	-0.0591	-0.1132	-0.1261	0.0326	0.3083	0.1635	0.1389	0.1822	0.2571	0.0516	0.1648
PY01909	-0.1023	-0.0736	-0.5073	-0.0688	0.4866	0.021	-0.1958	-0.31	-0.4105	-0.2479	-0.5416	0.0072
PY01559	-0.4446	-0.094	-0.1563	0.1738	0.0492	0.111	0.1988	0.2953	-0.0134	-0.0756	0.025	-0.1315
PY02843	-0.4965	-0.1247	0.0483	-0.2682	-0.1245	-0.0017	-0.0805	0.4179	0.2116	0.0305	0.3923	-0.1411
PY07340	-0.9975	-0.7868	-0.7522	-0.3058	-0.1956	-0.3187	-0.3351	0.0678	0.0999	0.1175	0.7138	0.2084
PY04704	-0.2478	0.1269	0.5635	-0.1213	-0.1088	0.0136	0.331	0.1997	0.3543	-0.2503	0.463	-0.1255
PY07449	0.6	0.0896	0.048	0.1018	0.0243	-0.1672	-0.0485	-0.2279	0.1813	-0.0625	-0.2449	0.2174
PY00107	-0.7071	-0.259	0.4558	0.0757	-0.274	-0.2851	-0.0922	0.0342	0.075	-0.4537	0.5179	-0.1282
PY06575	0.4021	0.2499	-0.0703	0.2146	-0.4612	-0.1223	-0.0914	0.4231	0.3809	-0.3908	0.1779	0.0396
PY01278	0.4108	0.2417	-0.1161	0.2967	0.8638	0.2043	0.0272	0.0877	0.0358	-0.1074	2.6778	0.206
PY02391	-0.8332	-0.0268	0.1042	-0.118	-0.2398	-0.3026	0.0972	0.7582	0.3223	-0.1282	1.0737	-0.3372
PY02400	-1.0047	-0.79	-0.1724	0.0239	0.7718	0.4064	-0.0112	0.1283	-0.4054	-0.0528	0.2686	-0.4825
PY01275	-0.3475	-0.0015	-0.1535	-0.1088	-0.2964	0.4196	0.1116	0.3533	-0.2345	-0.4648	-0.3513	-0.9608
PY05410	0.0964	0.2369	0.0288	-0.1886	-0.397	-0.3065	0.0953	0.0628	0.1846	-1.1346	-0.3219	0.104
PY05520	-0.4845	-0.537	-0.0647	-0.4833	-0.3944	-0.2693	-0.1625	-0.3945	0.2886	0.1684	-0.051	0.2404
PY05184	-0.0055	0.0424	0.2694	-0.2977	-0.2201	0.1905	0.4192	0.1616	0.1155	-0.4589	-0.6332	0.0821
PY05878	-0.1328	-0.2166	-0.2176	-0.4251	-0.1348	-0.4849	-0.271	-0.3783	-0.2046	-0.1312	0.0643	-0.0941
PY01760	-0.4603	-0.0201	0.3113	0.5321	-0.5388	-0.4844	-0.2658	-0.0484	0.0806	0.3194	0.3836	-0.3001
PY07678	-0.1499	-0.128	-0.0705	-1.0306	-0.5748	-0.2674	0.2414	0.0864	0.2591	-0.0562	0.1513	0.0209
PY04376	-0.6821	-0.2845	-0.2884	0.1334	0.5535	-0.3168	-0.1725	-0.1059	-0.3029	-0.1176	0.4224	-0.1882
PY04348	-0.8031	-0.3747	-0.6709	-0.4967	0.4111	-0.1556	-0.1646	-0.2319	-0.1981	-0.108	0.1316	-0.0484
PY00630	0.0256	-0.0524	0.0223	-0.3509	-0.2133	-0.041	-0.0271	0.058	0.1238	0.0193	0.0131	0.1286
PY06464	0.6229	0.1396	0.3678	0.0102	0.2535	-0.1243	0.2245	-0.19	0.086	-0.436	0.0197	0.3422
PY01077	-0.4351	-0.3831	-0.4612	-0.4135	0.0321	-0.1537	-0.1561	0.0507	-0.1238	0.0265	0.1118	-0.0744
PY01268	-0.289	-0.2564	0.2252	-0.3876	-0.5169	0.0439	-0.2466	0.2559	0.5489	0.1743	0.057	0.1734
PY07447	-0.5978	-0.1839	0.0807	0.0321	-0.2917	-0.2316	-0.1501	0.1561	0.3392	-0.0761	1.5448	-0.361
PY05103	0.5877	0.2666	0.4365	-0.131	-0.1633	-0.0101	0.3574	-0.1095	0.1662	-0.1509	-0.3462	0.3152
PY02282	-0.2199	-0.52	-0.4657	-0.0967	0.0031	0.1284	0.1184	0.2299	0.3494	0.1113	0.2012	0.1666
PY02779	-0.4656	-0.3057	-0.0848	-0.304	-0.2467	-0.3564	-0.3829	-0.1066	-0.0898	-0.2976	0.1509	-0.054
PY06960	-0.4671	-0.6673	-0.6079	-0.7619	-0.337	-0.8859	-0.6803	-0.8889	-0.5472	-0.967	-0.7529	-0.5082
PY07260	0.1264	-0.0097	-0.0208	0.4443	0.2859	-0.0139	-0.1008	-0.3387	-0.2861	-0.2163	-0.4547	0.0065
PY02009	0.5	0.3462	0.0667	-0.0443	-0.1248	-0.2016	-0.3825	-0.1558	-0.3272	0.1683	-0.0133	0.0857
PY06110	0.016	0.1573	0.078	0.5005	0.2539	0.1218	0.0575	-0.1917	-0.0097	-0.0062	-0.0544	-0.0492
PY04725	-1.0671	-0.1541	0.2283	-0.291	0.1336	-0.0408	-0.0504	0.1141	-0.1429	-0.3168	0.3161	-0.372
PY01100	-0.0141	-0.4907	-0.5688	-0.2132	-0.1968	-0.0075	-0.1434	0.2298	-0.4245	-0.0801	0.1009	-0.5636
PY00225	-0.8734	-0.2763	-0.2609	0.0629	0.1072	0.0524	-0.0417	0.0726	-0.2412	0.2249	0.4036	-0.2082
PY07465	0.0845	0.101	0.3034	-0.611	-0.2632	-0.4402	-0.3041	-0.0883	0.5609	-0.0933	0.6733	-0.1882

PY01899	-0.6118	-0.1366	-0.1158	-0.1861	-0.2576	-0.0962	-0.0469	0.1849	0.1632	0.542	0.074	-0.0978
PY00319	-0.6593	-0.7105	-0.7539	-0.8675	-0.8083	-0.4269	-0.6478	-0.7487	-0.4201	0.0748	-0.7263	-0.6743
PY03361	0.5504	0.1726	0.4015	0.2023	-0.0977	0.2009	0.32	0.053	0.2105	0.1763	-0.537	0.3937
PY02379	-0.2907	-0.0049	-0.8888	-0.998	-0.4151	-0.3723	-0.3064	0.2052	0.0942	0.1934	0.3137	-0.1936
PY05238	-0.0052	0.2209	0.2021	0.7477	0.4292	-0.0059	-0.2827	-0.0585	-0.2657	-0.677	0.0535	-0.4055
PY06624	-0.0322	-0.2173	-0.0796	0.2724	0.1103	0.071	0.223	0.1824	-0.0552	0.3849	0.616	-0.0186
PY04224	0.3426	0.1935	-0.006	0.1485	0.1651	0.0571	0.119	-0.2618	0.1437	0.1672	-0.3778	0.4673
PY05038	-1.3186	-0.9832	-0.7952	-0.8582	-0.648	-0.349	-0.1848	0.5032	0.2312	0.4794	0.1812	0.0781
PY00480	-1.038	-0.0912	-0.5568	-0.2373	0.3258	0.1208	0.0861	-0.0807	-0.2143	0.0772	0.5167	0.182
PY06177	-0.5483	-0.2004	0.4565	0.0385	-1.0016	-0.4412	-0.2223	0.1129	0.1573	0.1284	-0.4605	-0.4333
PY01537	0.0715	-0.0143	-0.0339	-0.2186	0.2406	0.1324	0.0081	-0.3446	-0.1943	-0.4314	-0.0548	0.2257
PY01133	0.5473	0.0394	-0.5116	0.2505	-0.0843	0.0716	-0.2809	0.3103	-0.0262	0.3275	-0.4643	0.002
PY01699	-0.5481	-0.5607	-0.4526	-0.741	0.3936	0.1389	-0.2087	-0.1598	-0.3502	-0.0943	-0.1978	0.1291
PY04047	-0.2578	-0.339	-0.1656	0.2734	0.2471	0.0275	-0.1438	0.2435	-0.4211	0.3568	0.3342	0.2314
PY00482	1.0426	0.748	0.8204	0.48	-0.3854	0.1342	0.3536	-0.3693	0.2537	-0.1965	-0.9107	0.6063
PY03636	0.7886	0.1909	0.1462	0.1191	0.6219	0.378	0.4304	0.188	0.0793	0.212	0.3449	0.4765
PY03893	0.5099	0.1349	0.2676	-0.609	-0.2121	-0.2035	0.1989	-0.2872	-0.1518	-0.3505	0.0114	0.2777
PY05977	0.037	0.0983	-0.2157	0.0596	-0.1182	-0.1155	-0.0328	0.1187	0.179	-0.4694	-0.3593	0.1784
PY07223	-0.0631	-0.2781	0.1116	0	-0.0461	0.0014	0.2303	-0.3127	-0.5324	-0.0538	-0.3334	-0.2289
PY00113	-0.1897	-0.0167	-0.1401	-0.2537	-0.3678	0.1353	0.2242	0.0669	0.3074	-0.0847	-0.0903	-0.3462
PY01047	0.2055	-0.1626	-0.4451	0.1979	0.1135	0.0039	-0.1464	0.0608	-0.1977	0.3061	-0.1978	-0.1398
PY02529	-0.0677	-0.0995	-0.3054	0.1966	-0.0411	-0.2965	-0.1358	0.1162	-0.1511	0.1927	0.3506	0.2079
PY07172	-0.1018	-0.3616	-0.5842	0.0708	0.4593	0.193	0.201	0.1067	-0.0993	0.0206	-0.2149	0.4311
PY03353	0.3969	-0.1536	-0.5084	0.3257	-0.0329	-0.1013	-0.2029	-0.2179	-0.3386	-0.1672	-0.2999	0.1841
PY06882	0.1987	0.1299	-0.2013	0.1448	0.2398	0.2652	-0.1078	-0.2382	-0.2103	-0.23	-0.3468	-0.207
PY06828	-0.1161	-0.3172	-0.3414	-0.0154	-0.5454	-0.1859	0.3715	0.2966	0.5357	-0.0104	-0.0017	0.61
PY03591	-0.724	-0.2552	-0.5479	-0.3898	0.1377	-0.4161	-0.3345	0.0985	-0.0931	0.1189	0.6669	-0.1577
PY07203	0.1715	0.0233	0.01	-0.4692	-0.044	-0.0989	0.0132	-0.2025	-0.0338	-0.0997	0.1202	-0.0477
PY00023	0.4709	0.1643	0.3741	0.1684	-0.1581	-0.0764	0.0335	-0.1606	-0.0734	-0.0013	-0.4433	0.2897
PY03253	0.317	0.0253	0.0717	-0.6801	0.1014	0.0313	0.0029	-0.3711	-0.2035	-0.4372	-0.1561	0.025
PY04368	0.3885	0.0541	0.5272	0.0425	1.6183	0.2093	0.0017	-0.2538	-0.1269	-0.073	-0.1241	0.1003
PY05248	-0.1796	0.0437	0.062	-0.6091	-0.0642	0.1033	0.0494	0.2013	0.2495	-0.3	0.0238	0.1406
PY01283	0.1155	-0.0668	-0.1002	-0.0091	0.2352	-0.0425	-0.2781	-0.0922	-0.0998	-0.1024	0.0861	-0.0417
PY02991	-1.5473	-0.494	0.0276	-0.6748	-0.3543	-0.2414	-0.0382	0.0441	0.5634	-0.2969	0.5791	-0.0333
PY03692	0.478	0.2601	-0.0983	0.2396	0.0753	0.0124	-0.0314	0.0432	0.1394	0.2716	-0.0028	0.3422
PY03139	-0.4409	-0.0015	0.0069	-0.8205	-0.5816	-0.117	0.0762	0.1052	0.3643	0.0174	-0.1495	-0.6945
PY03938	-2.1554	-0.6877	-0.197	-1.184	-0.9251	-0.7774	-0.2337	0.5609	0.4522	-0.362	0.9419	-0.4373
PY04059	-0.0353	-0.0002	0.0325	-0.2293	0.0445	-0.0712	-0.0259	-0.4021	-0.143	-0.3534	-0.3183	-0.0176
PY02481	-0.7617	-0.3365	-0.0542	0.0064	0.1706	0.0753	-0.1	-0.1484	-0.1427	-0.0424	0.016	0.0293
PY02057	0.3986	0.0958	0.2715	0.0319	-0.3621	-0.1211	0.5362	0.0346	0.5997	0.4173	-0.118	0.604
PY03063	-0.1408	0.1344	0.1575	-0.4113	0.3728	0.2866	0.0561	-0.0203	-0.165	0.3773	0.6083	0.0854
PY07184	1.0943	0.7541	0.3605	0.035	-0.1312	0.2422	0.3557	-0.3643	0.168	-0.184	-0.7999	0.4169
PY02331	-0.3492	-0.0409	-0.2564	-0.121	-0.3948	-0.6919	-0.4021	-0.0262	-0.0318	0.0851	0.5698	-0.396
PY03528	0.4881	0.607	0.6211	0.0217	-0.1942	0.0623	0.2083	0.0393	0.2446	-0.0648	-0.4946	0.1665
PY03641	0.3813	-0.0333	-0.1403	0.3334	0.3445	-0.0844	-0.0542	-0.0328	0.0039	0.0646	0.0018	0.3025
PY00637	-0.0338	-0.2926	-0.167	0.0637	0.4153	0.155	0.0236	0.1167	0.1593	-0.1246	0.3531	0.3414
PY05886	-0.7102	0.0688	-0.1465	-0.1199	0.2276	0.0671	-0.1951	-0.0163	-0.1416	-0.0574	-0.2023	-0.2101
PY04933	-0.7243	-0.4846	-0.1064	-0.3323	-0.0643	0.0998	0.1394	0.305	0.1863	-0.2531	0.3993	-0.2079
PY00628	0.3785	0.0323	0.0224	-0.3827	-0.2096	0.2787	-0.0294	-0.2154	-0.0724	-0.0914	-0.3595	0.052
PY04267	0.2511	0.0223	0.0703	0.004	0.4416	0.2319	-0.0021	0.003	0.1567	0.073	0.5288	0.0828
PY05527	-0.1715	-0.2528	0.1282	-0.1899	-0.4878	0.2945	0.0991	-0.065	0.1515	-0.2292	-0.5064	0.2655
PY04916	-0.5355	-1.0583	-1.2042	-1.1588	-0.8222	-0.9177	-0.5831	-0.1726	0.6491	0.3395	0.7318	1.1937
PY05920	-1.1625	-1.1861	-0.5299	-0.2038	-0.1214	-0.0124	-0.0363	-0.0119	0.5345	-0.0667	0.3765	0.1183
PY02095	-0.0603	-0.0332	0.2436	-0.7466	0.03	-0.1795	0.0032	-0.1109	-0.0389	-0.4345	-0.1203	0.0573
PY05932	0.0787	0.0391	0.2824	-0.9666	-0.3366	-0.0166	-0.0353	-0.3286	0.1242	-0.5148	-0.4207	0.1618
PY06999	0.2325	0.0621	-0.17	0.0215	0.5123	0.1525	-0.1477	0.007	0.1442	-0.2038	0.0598	0.1192
PY00910	-0.3263	-0.3271	0.1398	0.1928	0.2536	0.0569	0.2332	0.1498	0.2365	0.4933	0.4423	-0.265
PY00007	0.0492	-0.0114	-0.1275	0.1053	-0.1284	0.2692	-0.0844	-0.1163	0.0827	0.0331	-0.1226	-0.1353
PY00487	0.0015	-0.0805	-0.0302	-0.2996	-0.1827	0.2496	0.2494	-0.2381	0.075	-0.3086	-0.3361	0.1714
PY01800	0.3803	0.1942	-0.3719	0.3841	0.5297	0.9107	-0.0506	0.2477	0.0359	0.6606	0.5223	0.1642
PY05192	-0.2912	-0.3835	-0.1502	0.312	-0.1143	-0.3799	-0.1891	-0.078	-1.0519	-0.6439	-0.508	-0.4627
PY00585	-0.4612	-0.4928	-0.5372	0.1408	-0.3884	-0.3319	-0.3476	0.5043	0.0857	0.4746	-0.1971	-0.1592
PY06392	0.402	0.3936	-0.2903	-0.0769	0.0806	-0.1788	-0.0879	0.1308	-0.0651	0.2167	-0.0745	0.1253

PY03495	-0.5761	-0.0797	0.0161	-1.1963	-0.362	-0.243	0.009	0.0724	0.2831	-0.2662	0.3665	0.0005
PY03108	-0.1144	-0.1606	-0.1139	-0.273	0.1178	-0.1774	-0.3575	-0.268	-0.1941	0.1652	-0.2318	0.1328
PY06243	0.1865	0.0174	0.2225	-0.1325	-0.1354	0.2747	-0.2933	0.0107	-0.1332	-0.0881	-0.4043	-0.1161
PY03687	-0.5304	0.191	0.1414	-0.0944	0.0783	0.0436	-0.0536	0.3647	0.1436	0.5522	0.6618	-0.1826
PY04391	0.2298	-0.0505	0.3431	0.0489	-0.1107	0.2099	0.1256	-0.3146	-0.0757	-0.2614	-0.5528	0.1174
PY00545	0.2582	0.3065	0.6003	0.335	0.1274	0.4451	0.4154	-0.122	0.036	0.1265	-0.9902	0.3671
PY02325	0.4376	0.5539	0.0096	-0.0677	-0.2997	0.0108	0.0685	-0.1359	0.1829	0.1228	-0.6062	0.3289
PY04708	0.1335	-0.0899	-0.2281	0.1531	0.1669	0.2589	0.2969	0.1971	0.1594	0.2754	#####	0.2929
PY01618	-0.8414	-0.1625	-0.0495	-0.5278	-0.2003	0.0235	-0.1893	0.0751	-0.0661	0.0459	0.0279	-0.2836
PY01786	-0.0127	-0.2823	-0.6714	0.1415	-0.021	-0.0624	-0.2117	0.2095	0.2686	0.1225	0.2847	-0.021
PY02086	-0.3175	-0.1531	-0.034	0.9069	0.5979	-0.0235	0.2126	0.2081	0.18	0.3545	0.2031	0.0071
PY02347	0.8141	0.3621	0.4556	0.0569	-0.3704	-0.014	0.0983	0.0626	0.2902	0.2816	-0.4523	0.3479
PY01563	-0.77	-0.959	-0.9998	-0.8995	-0.171	-0.1879	-0.0622	0.2694	0.2651	0.3245	0.6473	-0.1293
PY06672	-0.5465	-0.0931	0.4281	0.3729	-0.1726	0.0641	0.2813	0.1157	-1.4205	0.0493	-0.357	-0.833
PY02616	-1.3139	-0.4451	-0.4069	-0.5677	-0.5402	-0.3614	-0.2785	0.3043	0.0847	-0.3038	0.1533	-0.5952
PY01778	0.1705	0.3522	0.9945	0.3865	0.2227	-0.1827	0.613	0.2284	0.5421	0.459	-0.0303	1.1996
PY03310	0.8233	0.2823	0.1971	-0.3641	-0.2476	0.3688	0.3985	-0.2853	0.2249	-0.4851	-0.3632	0.4936
PY07062	-0.7758	-0.1579	-0.3012	0.3943	-0.6119	-0.1343	-0.3203	0.4042	0.3853	0.2892	0.2998	0.0422
PY06781	0.2943	-0.0383	-0.0889	-0.091	-0.148	0.1807	0.4615	0.0729	0.2962	0.2831	-0.2333	0.5713
PY06687	-0.2775	-0.2692	-0.0564	-0.4954	0.2453	-0.0194	0.4304	-0.1276	-0.5325	-0.8612	-0.6933	-1.3414
PY01393	-0.3507	0.04	-0.3653	0.3912	-0.7741	-0.5778	-0.4814	-0.0034	-0.1469	0.1677	0.4321	-0.1188
PY01694	0.391	-0.0003	0.0634	-0.742	-0.1036	-0.0123	0.3282	-0.0024	-0.2663	-0.2813	-0.253	-0.3941
PY06973	0.6169	0.4815	0.7444	0.3784	0.3231	0.0155	0.2019	0.0366	0.1008	0.6595	-0.164	-0.0771
PY00405	0.0075	0.0785	0.4635	-0.08	0.2323	-0.0934	-0.2252	-0.3282	-0.3415	-0.3543	-0.3174	-0.3153
PY06444	0.0844	0.0612	-0.0319	0.5526	-0.0886	-0.2753	-0.1377	0.0782	-0.0524	0.7129	-0.2775	-0.3811
PY04717	-0.109	-0.2207	-0.3113	0.1121	0.4188	-0.0874	-0.1116	0.0872	-0.1758	0.1138	0.1408	0.0905
PY00125	-0.4403	-0.1509	-0.1999	0.0933	-0.0574	-0.0291	-0.1297	0.0928	-0.1706	0.1014	-0.3738	0.0807
PY00727	-0.3387	-0.3648	-0.2926	0.0137	0.4163	-0.2035	-0.2911	-0.2695	-0.357	0.1308	0.1469	-0.0538
PY00167	-0.1553	-0.111	-0.0492	-0.0873	-0.1692	-0.0143	-0.2334	0.2086	0.0905	-0.0676	0.474	0.0643
PY04590	-0.2198	0.024	-0.1411	0.1766	0.1031	0.0606	-0.1742	0.0844	-0.2442	0.0384	-0.0368	-0.1428
PY07119	-0.1692	-0.4084	0.2654	0.6478	0.3625	0.1761	0.1345	-0.2396	-1.1958	-0.2236	-0.0413	0.2448
PY05714	-0.1068	-0.1146	-0.0464	-0.2539	-0.17	-0.0869	0.1992	0.348	-0.0741	-0.0371	0.158	0.1433
PY01434	-0.4583	-0.3454	0.0576	-0.0071	0.2223	-0.1192	0.2039	0.1848	0.3396	-0.3822	-0.0165	-0.4387
PY07164	0.0872	-0.02	0.0985	0.358	0.0053	0.1335	0.174	0.0418	-0.1094	0.2084	-0.0145	0.1274
PY02077	-0.4815	-0.2497	0.0834	-0.3637	-0.4205	-0.0062	-0.0218	0.0652	0.4028	-0.3295	0.3099	-0.4588
PY00904	0.2273	0.0687	-0.179	0.4173	0.3733	0.08	-0.1275	-0.3393	-0.326	-0.1095	-0.0467	-0.2785
PY02308	-0.0843	-0.3367	-0.1104	-0.145	-0.3952	-0.1013	-0.0022	0.2573	0.176	0.1823	0.1458	0.107
PY01621	0.3052	0.1594	-0.1524	0.3313	-0.0506	-0.2958	-0.2119	-0.0543	-0.2696	0.298	-0.137	0.1168
PY04586	0.7786	0.321	0.1374	0.3432	0.0977	0.0975	-0.2815	0.1786	-0.3142	0.4195	-0.2641	-0.6093
PY02883	0.1764	0.5191	0.6007	-0.0372	-0.2541	0.4388	0.5851	0.1877	0.1171	-0.4085	-0.5266	-0.3153
PY01581	-1.0255	-0.1095	-0.4589	-0.0592	-0.2114	-0.0487	-0.1952	0.2557	0.1928	0.0626	0.4143	-0.5269
PY03697	-0.6127	-0.453	-0.1662	0.1798	-0.0879	-0.0606	0.0038	0.1931	0.3099	0.3626	0.1933	0.6188
PY04539	-0.2185	-0.8057	-0.439	0.8931	0.7725	0.7711	-0.1131	0.6384	0.2292	1.362	0.9835	0.3915
PY03991	0.3664	-0.0811	-0.0541	0.5278	0.2795	0.0053	-0.0561	0.3124	-0.2125	0.0046	0.24	-0.204
PY04713	-0.4406	-0.0473	-0.0159	-0.2677	-0.1309	-0.1932	-0.2454	0.1964	0.0243	0.4378	0.3418	-0.2046
PY06225	0.7273	0.2242	0.2857	0.2025	0.357	-0.0942	-0.1264	-0.3543	-0.2679	-0.1867	-0.5567	-0.4124
PY00062	-0.6449	-0.5856	-0.4451	-0.1239	-0.4197	-0.0981	-0.6342	0.3319	-0.6799	0.2849	-0.1159	-0.5061
PY01987	-0.1967	-0.0465	-0.1021	0.1646	0.3853	0.0303	-0.0096	-0.3186	-0.0974	0.1996	0.1917	-0.0511
PY03465	0.4562	0.3163	0.1857	-0.0432	0.1225	-0.1318	0.0459	-0.1681	-0.3525	-0.2051	-0.058	0.0124
PY02662	0.1319	0.3999	0.4613	0.9385	0.2851	0.0988	-0.1343	0.134	0.0042	0.973	0.2693	-0.0073
PY03132	0.4534	0.2402	0.3415	-0.0367	0.096	-0.0982	0.1969	-0.2291	0.0069	-0.3274	-0.2059	0.044
PY03665	-0.1848	0.3467	0.1351	-0.068	0.1297	-0.0302	-0.094	-0.0521	-0.1334	-0.1237	0.0598	-0.684
PY00793	0.0477	-0.2629	-0.0555	0.5755	0.6771	0.2399	-0.15	-0.2087	-0.5539	-0.1196	0.2916	0.0484
PY06905	-0.1593	-0.0509	0.129	-1.2529	-0.8184	-0.4355	0.1157	-0.1342	0.2127	-0.9331	0.1359	-0.2507
PY07248	-0.6507	-0.2368	0.0393	0.0282	0.1821	-0.1718	-0.1188	0.1009	0.0798	0.3294	0.6682	0.126
PY01713	-1.3473	-1.004	-1.0352	-1.5663	-1.0034	-1.1574	-0.3076	0.1845	0.4395	0.4292	1.054	0.0823
PY01809	0.4607	0.1579	0.0232	0.2496	0.2748	0.0869	0.1255	-0.1876	0.0796	0.0047	-0.0594	0.2378
PY05154	0.3147	0.4283	0.3403	-0.2723	0.2186	-0.0753	0.4633	-0.2182	0.0183	-0.2104	0.1724	-0.0494
PY02595	-0.0406	-0.4853	0.1672	0.1624	-0.1374	-0.1058	-0.077	0.2622	0.3498	0.4871	-0.0381	0.0598
PY03884	0.4217	0.661	0.7944	0.512	-0.4381	-0.6061	-0.0817	-0.8461	0.0336	-0.5964	-1.2634	0.0906
PY06193	0.6361	0.2377	0.1548	-0.1559	0.1088	0.0542	0.1565	-0.2795	-0.2051	-0.1187	-0.1217	0.1884
PY03612	0.0612	-0.1025	-0.0643	0.3025	0.2164	-0.0239	0.1095	0.1382	-0.2128	-0.1171	-0.2184	-0.3309
PY00829	-0.5353	-0.3492	-0.111	0.4056	0.5651	0.1564	-0.0008	-0.2652	-0.244	-0.1189	-0.1526	-0.0287

PY00763	0.281	0.1341	-0.028	-0.1192	-0.0661	-0.5025	-0.5386	-0.1163	-0.0263	-0.1157	0.2032	-0.2478
PY04882	-0.4374	-0.4199	-0.408	-0.4175	-0.2838	-0.6426	-0.105	-0.1287	0.1028	-0.0217	-0.1664	-0.0729
PY05381	-0.159	0.1177	0.018	-0.3896	0.0627	-0.3148	-0.1052	0.0622	-0.0775	0.3091	0.315	0.1728
PY01990	0.1033	0.0385	0.0275	-0.8599	-0.2951	-0.0845	-0.1129	-0.0947	0.0327	-0.2357	0.3375	-0.0019
PY05055	0.6777	0.3886	0.3675	-0.3305	-0.3504	0.4574	0.3662	0.2003	-0.2889	-0.3835	-0.7663	-0.7253
PY01051	-0.1749	-0.2054	-0.093	-0.7437	-0.5856	-0.1653	0.2957	-0.039	-0.0372	-0.6293	-0.7426	-0.2749
PY01015	-0.7644	-0.1824	-0.0184	-0.1841	-0.3276	-0.0341	0.1196	0.4168	0.4955	0.0463	-0.0075	-0.3147
PY03524	-0.3347	-0.5258	-0.2534	0.4082	0.4403	-0.0047	0.0233	-0.0953	-0.0233	0.3835	0.0268	0.1009
PY01951	0.1779	0.1274	0.2046	0.4397	0.04	0.0843	0.1112	0.0833	0.0875	-0.1177	0.0169	0.0928
PY07005	0.4951	0.1354	0.286	0.366	0.2008	0.2018	0.2376	0.0485	0.2625	0.1449	0.051	0.3161
PY03070	-1.3171	0.001	0.3515	-0.101	-0.3953	-0.8245	-0.3025	0.0852	0.1112	0.2599	0.331	-0.1567
PY00544	-0.182	-0.2765	0.072	-0.5916	-0.0719	0.0016	-0.1553	-0.3302	-0.1588	-0.4428	-0.0303	-0.1777
PY07110	-0.5399	-0.3073	-0.0422	-0.1586	0.0993	-0.0144	0.0724	0.4069	0.2107	-0.1247	0.4449	-0.1743
PY02896	0.5385	0.381	0.6793	0.8671	-0.0207	0.2375	0.6327	0.2226	0.6213	0.8409	-0.2036	0.7189
PY02513	-0.3739	-0.0741	-0.1271	1.125	0.7589	1.0249	0.0233	0.6409	0.0246	0.8548	1.0237	-0.2127
PY07470	-0.1624	0.1858	0.314	0.3793	-0.3208	-0.1246	0.2582	0.1332	0.4009	-0.0474	-0.2591	0.1671
PY05138	-0.609	-0.051	-0.2309	0.0218	-0.3155	0.1727	0.1131	0.1623	0.2305	0.7793	0.3668	-0.1541
PY05608	-0.2278	-0.0973	-0.1372	0.1895	0.1921	0.3812	0.0745	-0.1384	0.0337	0.0126	0.1137	-0.0762
PY03103	0.046	-0.0904	0.2618	0.0475	0.1005	0.2631	-0.028	0.0158	-0.095	0.1672	0.0176	-0.4747
PY00936	0.2043	0.4748	0.9348	0.458	0.3129	0.2558	0.39	-0.187	0.0882	-0.381	-0.192	0.3827
PY04604	0.2404	0.075	-0.1136	0.261	-0.0684	0.0218	-0.134	-0.114	-0.0593	0.0057	-0.2903	-0.149
PY05662	0.4853	0.4835	0.7051	0.2806	-0.2818	0.6551	0.711	0.1442	0.6236	0.36	-0.3459	0.1991
PY06056	0.5733	0.2128	-0.0723	0.0563	0.0195	-0.2256	-0.358	-0.1377	-0.1924	0.1308	-0.2047	-0.078
PY05771	0.5661	0.0325	-0.2366	0.0672	0.2471	-0.1627	-0.1158	-0.2693	-1.5578	-0.008	0.1276	-0.0354
PY04449	-0.752	-0.4212	-0.2313	-0.0689	0.1359	0.1616	-0.1321	0.1182	0.0192	0.2583	0.3616	-0.0341
PY03798	0.0259	-0.0548	-0.4563	0.5394	0.3312	-0.0567	-0.2143	0.3844	0.0346	0.5499	-0.0403	0.3847
PY03879	-0.657	-0.0887	0.3412	0.4399	0.0085	-0.2544	-0.1826	0.2078	-0.3254	-0.343	0.2557	-0.1514
PY07328	-0.2058	-0.1234	-0.077	-0.0439	-0.0095	-0.0303	-0.0216	0.2856	0.0663	0.1487	0.5704	-0.0826
PY00242	-0.8214	-0.0963	-0.0577	-0.2681	-0.3469	-0.1271	-0.1827	0.1523	-0.2743	0.0153	0.1775	-0.3041
PY06811	0.2544	-0.2178	-0.099	-0.314	0.1875	-0.0161	-0.0112	-0.1869	-0.2341	-0.5354	-0.4383	-0.5749
PY05435	0.6704	0.2229	-1.0273	-0.6615	-0.0893	0.2102	-0.0798	-0.7681	-0.4311	-0.4534	-0.3638	-0.0758
PY02467	-0.3441	-0.1417	0.1088	-0.0107	-0.0659	0.1967	0.2414	0.2493	0.1267	0.1547	-0.151	0.1607
PY04974	0.5157	0.2528	0.017	-0.6708	-0.1854	-0.2803	0.0228	-0.019	0.1674	-0.2427	0.2288	0.408
PY05787	0.6086	0.1041	-0.0711	-0.2768	-0.0983	-0.0098	-0.021	-0.3228	-0.2085	-0.3329	-0.4019	0.1906
PY02587	0.2247	0.1364	0.0521	-0.2218	-0.1257	0.1841	-0.0257	-0.1515	-0.233	-0.1264	-0.4421	-0.5264
PY04965	0.4948	0.2703	-0.1058	-0.3791	0.0963	-0.1495	-0.1004	-0.4257	0.0107	-0.4004	-0.0892	-0.2471
PY03083	0.0924	-0.1363	0.0301	0.2019	0.2852	0.0674	-0.2673	0.1311	0.087	-0.0724	0.0292	-0.0312
PY07051	0.1532	-0.0171	-0.1803	0.1971	0.0179	-0.3362	-0.0416	-0.3708	-1.3026	-0.243	-0.1248	-0.8039
PY06295	0.3634	-0.0586	-0.4016	-0.3138	0.2186	-0.2408	-0.1091	-0.1474	-0.1703	-0.4368	-0.1167	-0.0794
PY07546	0.4648	0.3208	0.4332	0.4954	-0.1767	0.0886	0.184	-0.3034	0.0692	-0.5778	-0.5718	-0.067
PY02875	0.6821	0.034	-0.2804	-0.0762	0.1321	-0.2701	-0.4843	-0.5675	-0.7598	-1.0926	-0.6652	-0.5908
PY02107	-0.5728	-0.151	-0.0319	0.1336	-0.0602	-0.1976	-0.2401	0.1776	-0.0278	0.1114	0.5312	-0.2486
PY03222	-0.3733	-0.0918	-0.298	-0.363	-0.2286	-0.226	-0.0458	-0.0231	-0.1728	-0.1705	-0.0099	0.0148
PY07385	0.4402	0.0235	0.0929	1.2767	0.68	0.1032	-0.0718	0.1695	-0.1469	0.8007	0.4513	0.002
PY03988	0.233	0.1993	0.8289	0.3599	-0.0828	0.4167	0.4211	0.458	0.4117	-0.1016	-0.1176	0.0579
PY05286	0.1619	0.3701	0.2656	-0.9162	-0.5258	-0.1058	0.1567	-0.4069	-0.0501	-0.3153	-0.3963	0.1247
PY04039	-0.5151	-0.0781	0.2574	-0.0381	-0.0744	-0.0616	-0.2759	-0.0265	0.1016	-0.0441	0.1476	0.443
PY04950	-0.0578	-0.1081	-0.1352	-0.2658	-0.3855	-0.517	-0.4594	-0.15	-0.1594	-0.039	-0.2362	-0.0152
PY00291	0.6314	0.2902	0.1777	-0.2424	-0.0443	1.0406	0.4494	0.2651	0.1834	0.2264	-0.1114	0.2036
PY00593	0.2899	0.0654	0.6202	-0.5721	-0.6942	0.3304	0.8358	0.2792	0.5732	-0.1367	-0.1574	0.6829
PY05512	-0.7623	-0.2914	-0.0085	-0.2227	0.047	-0.0454	-0.208	-0.0688	0.1325	0.1193	0.3235	0.0274
PY06098	-0.9213	0	-0.2751	-0.1023	0.4124	0.3696	0.4073	0.5589	0.0868	0.6609	0.9767	0.2182
PY07136	-1.0643	-0.097	0.198	0.0529	0.0624	0.2549	0.19	0.6153	0.1079	-0.0306	0.1652	-0.4127
PY03441	0.1539	0.0774	0.0704	-0.3914	0.1959	0.024	-0.0702	-0.2142	0.003	-0.2801	-0.0179	0.0062
PY05029	0.3038	0.187	0.3307	0.3388	0.2599	0.3443	-0.1272	-0.2708	0.4276	0.2745	0.461	0.1683
PY02130	0.0044	-0.1159	-0.0798	-0.5942	0.0661	0.2667	0.14	-0.3962	0.0243	0.0096	-0.1303	0.6109
PY01824	-0.3321	-0.2941	-0.2698	0.3666	0.2722	0.2771	-0.0338	0.178	-0.2004	0.0199	-0.0513	0.1093
PY03098	0.7404	0.2063	0.2367	-0.0141	-0.1	-0.0662	0.1479	-0.0372	0.1398	0.1163	-0.3095	0.2036
PY00432	-0.4829	0.0287	-0.3098	0.113	-0.3709	0.0719	-0.2196	0.4961	0.3404	0.5067	0.5926	0.2087
PY00565	0.6881	0.4786	0.492	0.6818	0.2695	0.0898	0.1049	0.2058	-0.2081	0.5627	-0.2041	0.3993
PY05713	1.0964	0.6471	0.4636	0.4931	-0.302	-0.0956	0.6867	0.0012	0.4148	0.1326	-0.1941	0.6254
PY06117	-0.328	-0.314	-0.3142	0.1841	0.3624	0.1174	-0.144	-0.0057	-0.0313	0.2492	0.0127	-0.0216
PY04635	-0.186	-0.1563	-0.2715	-0.6346	0.0784	0.0396	0.0275	0.1321	0.1687	-0.2805	0.2118	-0.0583

PY03082	0.4668	-0.1206	-0.7962	-0.4996	0.0422	-0.1721	-0.3613	-0.0513	-0.393	-0.0014	-0.3564	-0.1094
PY06189	0.4909	-0.2723	-0.2826	-0.3899	-0.2438	-0.3789	-0.1819	-0.4017	-0.0454	-0.1945	0.0073	0.2494
PY04058	-0.28	-0.003	-0.0327	0.5866	0.3701	0.027	-0.2593	-0.1315	-0.0758	-0.1582	0.0365	-0.1148
PY02676	-0.3279	-0.3166	-0.0991	0.6785	0.1735	0.0024	0.0384	0.4893	0.1159	0.8009	-0.001	-0.7241
PY04290	-0.3681	-0.0803	-0.3958	0.1829	-0.2779	0.4025	-0.3622	-0.0508	-0.0776	-0.3015	0.1863	-0.0699
PY05488	0.7006	0.468	0.0572	0.4211	0.2113	0.3071	0.1145	-0.3788	-0.1805	0.2222	-0.6102	-0.2526
PY03918	-1.4596	-0.6397	0.0878	-0.8266	-0.5566	-0.202	0.0317	0.7527	0.0579	-0.5103	0.268	-1.1194
PY01014	-0.7491	-0.1319	-0.1401	-0.5745	-0.442	0.0618	0.1276	0.1507	0.0432	-0.5183	-0.0517	-0.6503
PY02933	-0.0561	0.0356	-0.239	0.3045	0.4414	-0.0559	0.2772	0.3585	0.1058	0.0342	0.5638	0.1715
PY05532	-0.1482	0.011	0.0369	-0.1691	-0.0579	-0.0195	-0.0254	-0.0107	0.0286	-0.2322	0.1668	-0.0508
PY02946	0.0265	-0.1744	0.0042	-0.827	-0.3319	-0.0989	-0.0424	-0.1443	0.0893	-0.2545	-0.4361	0.3488
PY05247	-0.4958	-0.2872	0.0957	-0.0438	-0.2488	-0.0219	0.0686	0.4351	0.5318	0.4948	0.944	0.3217
PY03602	0.7262	0.373	0.5139	0.2461	0.2605	0.1463	0.0755	-0.2538	-0.0381	0.0599	-0.0913	0.0817
PY01229	0.5114	0.242	0.3582	-0.0654	0.24	0.0422	0.2157	-0.0536	0.2592	0.0811	0.1936	0.484
PY00329	0.1366	0.3855	0.2498	-1.8531	-1.0907	0.0775	0.3016	-1.1849	0.2269	-1.4243	-0.88	0.2688
PY02809	0.4414	0.0115	-0.361	-0.0072	-0.1768	-0.1765	-0.043	-0.085	0.0037	0.0844	0.0075	0.3596
PY06341	0.8485	0.595	0.1233	0.362	-0.1933	0.2102	0.3107	0.002	-0.0694	0.1948	-0.009	0.0983
PY02912	-0.878	-0.1483	0.3825	0.3629	-0.1743	-0.3297	-0.3049	0.0821	0.0873	0.1208	0.8434	-0.1388
PY05995	-0.5791	-0.2645	-0.1283	0.4293	-0.3974	-0.3418	-0.1255	0.2173	0.7439	0.723	0.2663	0.1717
PY06025	0.0189	-0.2214	-0.0739	0.5929	0.0842	-0.346	-0.1517	-0.0695	0.1276	0.079	0.4775	0.0965
PY04660	-1.121	-0.1494	0.3223	-0.2704	-0.1106	-0.0905	-0.002	0.3822	-0.0555	-0.0719	0.4471	-0.208
PY02509	0.5348	0.2256	-0.1457	0.233	0.4806	0.275	0.1081	0.1016	-0.2682	0.2281	0.2773	0.0479
PY07068	-0.0444	-0.1762	-0.0964	-1.8707	-1.3198	-0.2788	0.0277	-0.9126	-0.0872	-1.3875	-1.4326	0.015
PY04542	0.3035	-0.1692	-0.068	1.2343	0.9719	1.3184	0.2403	1.2276	0.3601	0.7751	0.6294	0.3732
PY05914	-0.0454	-0.2199	-0.0476	-0.4818	-0.1938	-0.5113	-0.2428	-0.2024	0.0347	-0.1616	0.0461	0.4097
PY02987	-0.4856	-0.2631	-0.1807	0.1941	-0.2355	-0.1156	-0.2278	0.198	-0.8704	0.3111	0.2256	-0.2361
PY06527	0.0938	-0.0769	-0.241	-0.016	0.0085	0.4008	0.4505	0.1913	-0.0146	-0.3097	-0.4799	-0.18
PY06718	-0.3745	-0.1958	0.1649	0.0761	-0.0017	0.2743	0.2538	0.0434	-0.0159	0.1798	-0.0211	0.2786
PY06370	1.1073	0.5777	0.4714	0.4269	-0.0023	0.1467	0.3209	-0.1218	0.3221	0.0708	-0.245	0.5851
PY06130	0.4428	0.3937	0.0502	0.4208	-0.3552	-0.1095	0.0021	0.2531	0.223	0.1402	-0.4008	-0.0636
PY06202	-0.2371	0.0042	-0.0671	0.4359	0.4463	-0.0658	0.095	0.0843	0.0619	0.4456	0.5893	0.1015
PY03008	0.0052	-0.1154	-0.1238	0.2487	0.0972	-0.1102	-0.2367	-0.129	-0.0732	0.0924	0.3653	0.0028
PY04930	0.8208	0.9271	1.1932	-0.1192	-0.396	-0.1849	0.4962	-0.202	0.2105	-0.5465	-0.6593	-0.3056
PY00456	-0.1121	-0.0272	0.2094	0.4627	0.2714	0.3602	0.2311	0.2061	0.2887	0.1985	-0.0685	0.2921
PY01487	-0.8247	-0.1118	0.0852	-0.2049	-0.0044	-0.1371	0.1908	0.2224	0.3464	0.0726	0.5174	0.0144
PY02578	-0.2386	-0.2186	0.0484	1.4867	0.5126	0.2242	-0.4398	0.3861	-0.5443	0.858	0.0645	0.1189
PY04624	0.152	0.1704	0.3366	-0.2547	-0.1045	-0.0784	0.2245	0.0021	-0.2656	-0.4748	-0.1302	-0.0491
PY03147	0.7467	0.1296	-0.2061	0.3358	0.2584	-0.0659	-0.2652	-0.5923	-0.1218	0.016	-0.8459	-0.1453
PY00416	0.6838	0.201	0.1843	0.0061	0.0824	0.1062	0.1749	-0.3397	-0.1785	-0.1454	-0.5212	0.12
PY01933	-0.4066	-0.2165	-0.1907	0.3455	0.3619	-0.2407	-0.3023	-0.1283	-0.1065	0.2371	0.2732	0.3022
PY00764	0.6125	0.2046	0.1235	0.0489	-0.2119	-0.4616	0.1392	-0.1578	0.3718	-0.003	0.069	0.4229
PY05803	-0.6583	-0.3479	-0.2055	-0.5191	0.1751	0.1368	-0.0423	0.0732	-0.1279	0.1723	0.1895	0.1996
PY01324	-0.0496	-0.0728	-0.1965	0.4122	-0.1246	-0.1921	-0.0938	0.0625	-0.0089	0.055	0.6475	-0.2213
PY06655	0.9459	0.3994	0.5536	0.516	0.3655	0.2368	0.1765	-0.145	0.4687	0.23	-0.1283	0.8875
PY07562	-0.846	-0.2843	0.0717	0.2459	-0.0333	-0.1995	0.1322	0.1648	0.2091	-0.1723	0.0782	-0.189
PY04625	0.0157	-0.1756	-0.0477	-1.0362	0.0644	-0.0092	0.205	-0.4514	-0.2732	-0.7295	-0.4947	0.1028
PY02651	-0.6854	-0.0467	-0.825	0.3666	0.0728	0.3955	0.1483	0.3843	0.3841	0.0989	0.2662	0.1143
PY02902	-0.8217	-0.0921	0.246	0.3844	0.114	-0.1337	0.1143	0.4418	0.1854	0.0457	0.6673	-0.6858
PY05071	-0.0527	-0.1844	0.0233	0.4164	0.6394	0.1979	-0.0075	-0.1309	0.008	0.5372	0.2087	0.2301
PY04110	0.2171	-0.0052	0.1811	0.0977	0.5087	0.0107	0.1886	-0.2764	0.1625	-0.7384	0.3297	0.253
PY02928	-0.0058	0.1961	0.1159	-0.3823	-0.9123	-0.3889	0.5294	-0.2632	-0.0936	-0.5429	-0.6536	-0.1678
PY07408	-0.1333	0.0157	0.1501	-0.5301	-0.0352	-0.0405	0.1921	-0.1723	0.0112	-0.0776	-0.3867	-0.0721
PY06586	-0.1124	-0.1177	0.1244	-0.2367	-0.0551	0.1772	0.0431	-0.2229	0.0755	-0.1116	0.0055	-0.3231
PY04245	-0.5159	0.0036	0.3694	0.1724	0.0763	0.1104	0.0681	-0.5797	0.0314	0.387	-0.0607	-0.0218
PY05237	-1.2706	-0.6575	-0.695	-0.8529	-0.5389	-0.7533	-0.2226	0.3516	0.3029	0.1791	0.5513	-0.1027
PY05285	-1.2517	-0.1206	-0.1176	-0.3754	-0.4948	-0.3977	-0.3628	0.0643	0.193	0.2884	0.1269	0.1109
PY04824	-0.1932	0.0737	-0.0662	-0.3236	-0.152	-0.1284	0.068	-0.1752	0.1639	-0.0795	0.0941	-0.0794
PY03338	0.3742	0.3037	-0.0863	-0.2302	0.0371	-0.1278	-0.27	0.0598	-0.2551	-0.1418	0.2226	-0.6306
PY05335	-0.0669	-0.1987	-0.5007	0.3807	0.2117	0.0177	-0.0763	0.169	-0.3634	-0.1617	-0.1219	-0.1162
PY00246	0.1993	-0.1994	-0.2258	0.5699	-0.6938	0.1523	-0.1769	-0.2041	0.14	-0.0962	0.0534	0.5204
PY02708	0.0305	-0.0883	-0.0436	0.443	0.2172	-0.1015	-0.0964	0.0151	0.0098	0.3267	-0.2245	0.09
PY00520	-1.4769	-0.6266	-0.097	-0.5299	-0.0896	0.0216	0.1649	0.2583	0.3573	0.2119	0.5825	-0.1165
PY07034	0.0776	-0.0961	-0.0753	-0.1002	-0.2441	-0.1043	0.1474	-0.0016	-0.067	-0.3006	-0.0725	0.1219

PY02769	-0.5646	-0.3333	-0.6797	0.3582	-0.2127	-0.1623	0.0809	0.4999	0.2717	-0.0083	0.2739	-0.1549
PY02244	-1.3517	-1.2339	-1.0012	-0.134	-0.0583	-0.1318	-0.0537	0.1301	0.2668	0.1694	0.3304	-0.1248
PY03164	-0.8681	-0.6037	-0.3041	-0.1987	-0.1492	0.3066	0.1315	0.036	0.2082	0.1924	-0.0429	0.0145
PY02336	0.2826	-0.0572	0.4235	0.2641	0.1087	-0.1029	-0.0417	-0.2604	-0.0639	-0.3072	-0.512	0.2627
PY01612	0.3466	0.0659	0.0593	0.2045	-0.0227	-0.1695	-0.2872	-0.0216	0.0383	0.1398	0.2757	0.0339
PY02811	0.5933	0.075	0.3493	0.1609	0.484	0.1003	0.0743	-0.2524	-0.4311	-0.0733	0.2604	0.0107
PY01429	-0.5367	0.4223	0.4063	-0.1308	-0.4967	-0.8113	-0.1097	-0.2152	0.0167	-0.2821	0.816	0.2569
PY00523	-0.7828	-0.1283	-0.4051	-0.2996	-0.9392	-0.6049	-0.5004	0.2495	0.6355	0.6222	0.2325	0.2823
PY00688	0.5966	0.436	0.0767	0.8872	0.5215	-0.0202	0.0827	-0.1337	-0.3527	-0.222	-0.1639	-0.2172
PY03124	0.3345	-0.0623	-0.1115	-0.1586	0.2992	-0.1781	-0.222	0.0039	0.174	-0.0402	-0.0986	0.1656
PY01458	-0.4717	-0.9135	-0.8524	-0.2542	-0.0469	0.3085	0.3101	0.2764	0.339	0.1997	0.3215	-0.4662
PY01034	0.7465	0.3494	0.6741	0.1934	0.1574	-0.0465	-0.065	-0.1942	-0.0104	-0.1273	0.0975	0.2804
PY04926	0.5946	0.2523	0.0271	0.0439	-0.1399	-0.1421	0.0686	-0.2902	-0.2974	-0.2249	-0.2367	-0.2516
PY02410	-0.9696	-0.2726	-0.2044	-0.3205	0.1108	0.0933	0.0855	0.3347	0.0398	0.2478	0.341	-0.241
PY00287	0.2211	0.6059	0.4841	0.1026	-0.2981	0.4018	0.3877	-0.1351	0.1694	0.096	-0.4306	0.244
PY04585	0.0155	-0.1589	-0.2579	0.0113	0.2715	-0.1658	-0.1543	-0.0518	-0.2682	0.0608	0.1688	0.213
PY06427	-0.079	-0.0662	-0.0173	-0.4903	-0.1045	-0.0853	0.1362	-0.0443	-0.0818	-0.346	-0.1151	-0.6112
PY05678	-0.9299	-0.3862	-0.2009	-0.9248	-0.4235	-0.3171	0.1232	0.3302	0.4303	-0.1397	0.3036	0.0921
PY07575	-0.3427	-0.0317	-0.4461	1.3095	-0.499	-0.2973	-0.1643	0.3261	0.287	-0.3914	-0.2372	-0.4416
PY03326	-0.7134	-0.1523	-0.0975	0.4446	0.2265	0.2498	0.1205	0.3763	-0.0104	0.1217	0.1443	-0.2319
PY07399	-0.1759	0.1287	-0.6079	-0.1136	0.1366	0.3658	0.094	0.1756	-0.0088	0.2313	-0.1647	-0.0962
PY04005	-0.1233	-0.3504	-0.1333	0.0222	0.3102	-0.056	-0.0397	-0.0766	-0.1123	-0.0346	0.2174	0.0077
PY00016	-0.1472	-0.092	-0.481	-0.0255	-0.1613	0.2562	0.1761	0.255	-0.096	-0.0611	-0.1996	-0.2299
PY01881	-0.3558	-0.2778	-0.2623	-0.0343	0.2153	0.0254	-0.2677	-0.0368	0.3179	-0.1467	0.0663	-0.0699
PY03962	-0.8605	0.0541	0.0128	-0.1629	0.6126	0.3568	0.0219	-0.0124	-0.152	-0.3124	-0.1104	-0.398
PY05696	0.216	0.0589	-0.3142	-0.5188	-0.3254	-0.2234	0.0368	0.1132	0.1214	-0.4411	0.3306	-0.5413
PY00978	0.0873	-0.2038	-0.2504	-0.4952	-0.2315	-0.2496	-0.1188	-0.2379	0.0497	0.1938	0.0761	0.3575
PY07070	-0.297	-0.0087	-0.4419	-0.2951	-0.172	-0.024	0.0386	-0.2853	0.0401	-0.0301	-0.4214	0.1285
PY04735	0.8222	0.3658	0.7975	-0.0845	0.0199	0.1065	0.32	-0.0984	0.36	-0.1862	-0.2587	0.3134
PY04088	0.7052	0.2311	0.2046	-0.2362	-0.0779	0.1871	0.4411	0.0392	0.2515	0.166	-0.2619	0.5172
PY01754	-0.3715	-0.1005	-0.0292	-0.3888	-0.0703	-0.1052	0.0632	0.1886	0.3811	0.1332	0.3271	0.1598
PY06388	0.0621	0.0658	-0.0756	0.1713	0.1254	-0.0768	-0.1676	-0.2043	-0.1933	0.3226	0.1202	-0.0002
PY00467	-0.6316	-0.7419	-0.1197	0.0089	-0.1247	-0.1924	-0.7101	-1.1583	-1.081	0.3638	-0.4822	-1.0664
PY05074	-0.5658	-0.2044	-0.3507	0.427	0.2001	-0.3843	-0.0673	0.4012	0.3198	0.3168	0.3035	-0.0131
PY04668	-0.5475	0.0209	0.0094	0.2556	-0.4048	-0.1461	0.0364	0.2818	0.1959	-0.4228	-0.2845	-0.2535
PY06300	-0.2878	-0.2284	-0.2692	-0.5693	0.1735	-0.4328	-0.3328	-0.2312	-0.3317	-0.189	-0.2034	0.0115
PY04279	0.2785	0.041	0.2342	-0.2897	0.0557	-0.1157	0.0407	-0.14	0.0107	0.0101	-0.1964	0.333
PY07464	0.0392	0.2633	0.4721	-0.448	-0.6446	-0.069	0.0525	-0.07	0.1299	0.1737	0.1217	-0.1126
PY03110	-0.5125	-0.0925	-0.497	0.2077	0.1851	0.0854	-0.095	0.1448	-0.1388	0.2198	0.1252	-0.0569
PY06079	-0.2881	-0.2433	-0.3457	-0.9722	0.4839	-0.5851	-0.306	-0.0558	0.0396	0.0179	0.5575	0.0803
PY02186	0.1172	-0.086	0.0004	-0.8753	-0.292	0.2194	0.2707	-0.1828	-0.3612	-0.418	-0.4135	0.2407
PY03709	-0.0156	-0.0596	-0.2526	0.1822	0.6894	0.1606	-0.2298	-0.1168	-0.2506	0.1343	0.097	-0.2116
PY04341	0.2391	-0.0907	0.109	0.1698	0.2395	0.2619	0.2228	-0.2812	-0.2769	0.1832	-0.1355	0.4053
PY07392	-0.0549	0.004	0.4464	-0.7199	-0.3099	0.1513	0.4561	0.0987	0.4456	-0.3788	-0.4547	0.3705
PY05165	-0.3841	-0.1036	0.1124	0.8433	-0.002	-0.0342	-0.2478	0.2668	-0.0513	-0.6953	0.2419	-0.1117
PY00682	0.718	0.3359	0.1015	0.7359	-0.3809	-0.4806	-0.2265	-0.071	-0.0453	-0.4391	-0.3262	-0.1145
PY05395	0.5969	0.4008	0.2619	0.2958	-0.1585	-0.1454	0.2155	-0.0654	0.0569	-0.3476	-0.4014	0.181
PY01074	0.4105	0.0466	-0.5545	0.0133	-0.0399	-0.6664	-0.7251	-0.4319	-0.3945	-0.3736	-0.4174	-0.1496
PY00254	-0.3009	0.3535	0.5108	0.3546	0.0876	0.2593	0.4172	0.0986	0.2206	0.6517	0.6505	0.0352
PY06066	-0.6363	-0.21	-0.3025	-0.3477	-0.304	-0.5027	-0.2152	-0.1909	-0.0624	-0.336	0.0035	-0.0631
PY02989	0.1117	-0.0154	0.0823	1.4164	0.2757	0.1066	-0.2319	0.0485	-0.0921	0.5907	0.3378	0.1292
PY02124	0.4888	-0.0042	0.0062	0.3652	-0.1005	-0.1521	0.1135	0.0346	0.1811	-0.0922	-0.0643	0.415
PY02890	-0.0324	-0.5841	-0.8146	0.0356	0.5524	0.4008	0.1231	-0.3483	-0.564	-0.297	-0.4949	-0.0512
PY07221	-0.2897	0.0608	0.1093	0.0497	0.1219	-0.1251	-0.2376	-0.0745	0.0761	0.1081	-0.1051	-0.0301
PY00895	0.0304	0.2574	0.2627	-0.1257	-0.2194	-0.2796	0.1744	-0.1128	0.1211	0.1294	0.3088	0.2602
PY00783	0.4121	-0.0614	0.4302	0.0127	0.1244	-0.1524	-0.1677	-0.4722	-0.3005	-0.3157	-0.4092	-0.0648
PY07063	-0.2678	-0.1874	-0.1544	-0.6094	-0.4926	-0.354	-0.1124	-0.0469	0.0442	0.1864	0.5579	0.3013
PY07601	0.5208	-0.0142	-0.1304	0.0159	0.286	-0.0628	-0.1742	-0.0414	-0.1382	-0.1873	0.1438	-0.0521
PY00265	-0.1149	-0.1044	-0.3641	-0.091	-0.2605	-0.183	-0.3744	-0.0913	0.1277	0.183	-0.0236	-0.2748
PY04147	-0.8984	0.1269	0.2184	-0.1924	-0.2812	-0.0883	-0.1403	0.1765	-0.1698	-0.2295	0.0485	-0.5044
PY00833	-0.0782	0.2378	0.4836	-0.5156	-0.426	-0.037	0.3097	-0.2059	0.3323	-0.155	-0.1583	0.2947
PY03039	-0.4652	0.3726	0.1054	0.3191	0.072	0.0621	0.1477	0.3236	0.057	0.4539	0.5685	-0.0113
PY06310	-0.6024	-0.7034	-0.7749	-0.2037	0.2121	-0.1035	-0.0773	0.2567	0.3012	0.4279	0.1793	0.1176

PY01683	-0.8102	-0.4001	-0.0081	0.2316	-0.0362	-0.1105	-0.0613	0.2143	-0.4016	0.2415	0.3823	-0.3451
PY04572	0.3177	0.3366	-0.0853	0.4344	0.179	0.197	0.1635	-0.1878	-0.0436	0	-0.3309	0.0326
PY05645	-0.3911	-0.1666	-0.6174	-0.0594	0.078	0.34	-0.2717	-0.4318	-0.1784	-0.2721	-0.1532	-0.2419
PY01950	-0.3487	0.0002	-0.4723	-0.453	-0.2745	-0.0868	0.0691	0.2622	0.2409	-0.4018	0.3741	-0.2403
PY00504	-0.1953	-0.4825	-0.523	-0.2776	-0.0553	0.1919	-0.0488	-0.1307	-0.1378	-0.0578	0.0507	-0.1806
PY02110	-0.0026	0.3108	0.0399	-0.0564	0.0058	-0.1578	0.0771	0.2602	0.1154	-0.6491	0.2802	-0.0341
PY05625	0.6371	0.9275	1.1262	-0.0922	-0.8211	0.3175	1.025	0.1838	0.6979	-0.3258	-1.1373	0.3072
PY02534	0.3353	0.2215	-0.0633	0.1192	-0.2421	-0.0421	-0.2264	-0.2771	-0.4984	-0.3465	-0.4797	-0.4678
PY00017	0.1224	-0.0755	-0.2235	0.0651	0.2781	-0.3613	-0.4442	-0.129	-0.2465	-0.0206	0.189	-0.0195
PY07191	0.154	0.3397	0.2566	0.1471	-0.1242	0.2228	0.1673	0.0123	0.0847	-0.3316	-0.2293	-0.0435
PY04647	-0.218	0.1903	0.487	0.9371	-0.4018	-0.2628	0.1347	0.1039	0.5441	0.216	-0.2755	0.117
PY06379	-0.7112	-0.0107	0.1767	-0.0561	-0.2743	-0.3368	-0.2699	0.0462	0.0728	-0.0084	0.4074	-0.3342
PY04692	-0.1691	0.2736	0.0802	-0.5338	-0.3392	-0.0749	0.1364	-0.1636	0.2173	0.2605	-0.3092	0.5255
PY00055	0.1366	0.0789	0.1672	-0.4592	0.4008	-0.1615	0.1177	-0.4233	-0.0794	-0.826	-0.0668	-0.6252
PY00033	0.6472	0.2185	0.3153	0.4035	0.2869	0.1684	-0.0678	-0.305	-0.3384	-0.0616	-0.0841	-0.1674
PY01636	-0.1571	-0.3059	-0.2652	-0.2735	-0.4283	-0.7358	-0.4489	-0.7357	-0.4464	-0.7994	-0.358	-0.4241
PY02172	0.6123	0.4118	0.3974	-0.0838	0.1044	-0.2916	-0.2406	-0.3464	0.0038	-0.3193	0.2895	-0.1465
PY03821	-1.3568	0.1011	0.1028	-0.7303	-0.3281	-0.1491	0.0071	0.4445	0.0383	-0.2516	0.508	-0.412
PY01388	-1.1889	-0.6699	-1.1531	-0.177	-0.2201	-0.2703	-0.1224	0.1003	-0.0502	0.5539	0.4308	0.4388
PY00620	-0.3441	-0.4239	-0.1397	-0.4586	-0.3649	-0.2787	0.0495	0.1028	0.2772	0.03	0.1359	0.2603
PY01298	0.3597	0.1335	0.122	0.0534	0.3306	-0.1239	-0.0357	0.5697	-0.0433	-0.0937	0.4626	0.244
PY02577	0.6088	0.5654	0.5663	0.1159	-0.2366	0.1341	0.6939	0.3236	0.4423	-0.3903	-0.3542	0.5383
PY04309	-0.2307	0.1287	0.0892	0.1098	0.1878	0.2272	-0.0523	0.1231	0.0799	-0.0133	-0.3234	0.3104
PY00338	0.0439	-0.2855	-0.1467	0.479	0.8697	0.1324	0.1504	0.1039	-0.2241	-0.0617	0.1259	0.2427
PY06733	-0.0077	0.0628	-0.0305	-0.4902	0.3352	-0.0677	-0.0084	-0.4263	-0.1278	-0.5533	-0.1885	0.188
PY06660	0.6753	0.5113	0.1114	0.0244	0.2854	0.118	0.396	-0.1573	0.3311	-0.4147	-0.2342	0.069
PY04842	0.5706	0.026	0.0609	0.2561	-0.1754	-0.6134	-0.2984	-0.2883	-0.0601	-0.0019	0.0139	-0.0967
PY06670	-0.11	-0.433	-1.0747	-0.152	0.7473	0.0355	-0.3853	0.1586	-0.2785	0.2061	-0.0194	0.0394
PY04457	-0.1317	0.2981	-0.0984	-0.752	-0.2668	0.0864	0.1445	0.1044	0.147	-0.2769	0.2418	-0.2834
PY06683	0.3752	0.2981	0.4915	-0.0443	-0.3875	-0.0046	0.3792	0.1208	0.357	0.3158	-0.5808	0.6218
PY04863	-0.6596	0.0223	0.1228	-0.4397	-0.2888	0.6352	0.403	0.4185	0.2756	0.0408	0.0847	-0.1478
PY02193	-0.077	0.175	0.1256	-0.6619	-0.075	0.1542	-0.0457	-0.1531	0.1015	0.3444	-0.2805	0.3359
PY00509	-2.0227	-0.8901	-0.6995	-0.9048	-0.574	-0.4154	-0.2786	0.2834	0.366	0.171	0.5477	-0.3987
PY00743	-0.2095	-0.0358	0.0295	0.6367	-0.1628	-0.5858	-0.4	-0.0667	-0.3246	0.2969	0.7586	0.0507
PY01205	0.0979	0.1132	0.2774	0.2938	-0.085	-0.2156	-0.2545	-0.1958	-0.2523	-0.2977	-0.3502	-0.0764
PY00948	0.1871	0.0824	0.0595	0.0436	1.0624	-0.0974	-0.0951	-0.1464	-0.1243	-0.1653	-0.1524	0.0044
PY02301	1.1594	0.2883	0.7429	0.0707	-0.0946	0.0556	0.3358	0.1935	0.3302	-0.2079	-0.2347	0.1735
PY07440	0.5538	0.1912	0.2547	-0.0964	0.071	-0.0507	0.0118	-0.1743	-0.274	-0.3715	-0.6538	0.1531
PY03705	-0.1172	-0.0638	0.1948	-0.2443	-0.3045	0.1695	-0.001	0.0972	0.4434	0.1958	0.0894	0.0484
PY06753	0.0741	0.157	0.2095	0.4177	0.1891	0.4721	0.357	-0.2007	-0.1482	-0.1038	-0.1571	-0.2741
PY00207	-0.0198	-0.0858	0.0379	-0.0882	-0.1337	-0.0353	-0.4352	-0.1039	-0.1264	-0.0124	0.2947	0.2269
PY03379	0.2497	0.2493	-0.072	-0.1732	0.2953	-0.0698	0.2123	0.1764	0.2772	0.1443	0.0145	0.4483
PY00041	-0.9891	-0.3532	-0.0394	0.2581	0.4155	0.022	-0.1278	0.1796	-0.1327	0.3429	0.887	0.0083
PY07109	-0.8822	-0.3457	0.0399	0.3336	-0.6222	-0.3439	0.1595	0.479	0.5821	0.1032	0.4191	-0.0323
PY07032	0.2057	0.2022	0.3322	0.3606	0.1694	0.0978	0.0498	-0.3031	0.0004	0.2353	-0.143	0.1158
PY03727	-0.6055	-0.3459	-0.0195	0.6936	0.388	0.3714	0.1419	0.4998	0.2831	0.554	1.091	0.1887
PY01246	-0.0229	-0.1572	0.1335	-0.2948	-0.0082	-0.2336	-0.0237	-0.0674	0.0152	0.0256	-0.1552	-0.0596
PY02254	-0.4692	-0.1655	0.0008	-0.0292	-0.0681	-0.1964	0.0818	0.2652	0.23	0.3992	0.3093	0.0415
PY02802	0.1101	0.0924	0.1348	0.4176	0.0257	-0.0639	0.1381	0.2733	0.0082	0.0707	0.1558	0.0311
PY02262	-0.1879	0.0221	-0.1816	-0.7745	-0.3581	-0.4612	-0.3302	-0.1265	-0.0839	0.3641	0.4783	0.1282
PY01888	-0.7509	-0.3602	-0.1842	-0.5976	-0.8846	-0.4763	-0.4326	0.2139	0.5187	0.2693	0.4747	0.6519
PY02604	-0.572	-0.0425	-0.7812	-0.2937	-0.2549	-0.054	-0.1637	0.2319	0.0006	-0.1343	-0.0401	-1.0679
PY01823	-0.1083	-0.1509	-0.0129	-0.2109	-0.107	-0.1916	-0.3352	0.0157	-0.2161	0.2109	-0.0274	-0.0657
PY01831	-0.5286	-0.2993	-0.0617	-0.1414	-0.0438	0.1713	-0.0121	-0.0454	0.0882	0.378	0.3121	0.0283
PY02100	-0.3416	0.0237	0.0484	-0.2775	-0.9981	-0.2173	-0.2473	-0.0186	0.0765	-0.5769	0.1115	-0.1035
PY03677	0.683	0.3585	-0.1666	-0.1856	-0.1284	-0.1414	-0.3149	-0.3205	-0.4312	-0.424	-0.3805	-0.6327
PY04182	-0.361	-0.2859	-0.2534	0.2416	0.5665	0.1194	0.0124	0.2162	0.0205	0.3788	-0.2021	-0.0852
PY03523	1.0476	0.6615	0.9018	0.3654	-0.1997	-0.1277	0.2943	-0.0528	0.4069	-0.0723	-0.6134	0.5559
PY07266	-0.2611	-0.0323	0.1401	-0.742	-0.2885	-0.035	0.0569	-0.2957	0.3417	-0.4331	0.2673	0.0181
PY02667	0.4124	0.8381	1.0425	-0.6342	-0.5819	-0.2165	-0.2165	-0.3589	-0.1669	-0.3516	-0.5819	-0.3706
PY03156	-0.7336	-0.5236	-0.4745	-0.3432	-0.3018	-0.5829	-0.0334	0.113	0.6207	0.2708	0.4175	0.9849
PY07238	-0.5583	-0.0877	0.3161	0.4849	0.183	0.3057	0.029	0.3548	0.1112	0.4522	0.2185	-0.0167
PY05116	0.3281	0.1021	-0.0433	-0.0096	0.0841	-0.0738	0.0041	-0.1685	0.2991	0.0464	-0.2725	0.1241

PY02015	-0.3509	-0.0372	-0.3687	-0.952	-0.6472	-0.2734	0.0375	0.0408	0.4342	0.009	-0.167	0.2172
PY03215	0.5885	0.1943	0.5315	1.0733	-0.0011	0.2885	0.1823	-0.1271	0.1606	-0.0113	-0.4882	-0.0497
PY05521	0.1072	-0.0242	0.1171	-0.141	-0.0716	-0.2102	-0.0704	-0.2723	-0.1638	0.2399	-0.0014	0.0553
PY04166	-0.3485	-0.0725	-0.3098	0.3578	-0.4173	-0.2384	-0.0897	0.2892	0.4158	0.2036	0.3235	0.2245
PY07100	0.02	-0.0527	-0.1672	-0.1061	0.0404	-0.0928	-0.2851	-0.1037	-0.2279	-0.4102	-0.0395	-0.4029
PY05339	-0.8128	0.1078	0.3639	-0.7142	-0.6122	-0.5788	-0.4111	-0.2091	-0.089	-0.5243	0.2565	-0.4407
PY04766	0.1897	0.0318	-0.0757	-0.7446	0.354	0.0087	-0.1447	-0.6706	-0.1588	0.0565	-0.9592	0.0394
PY01546	0.8781	0.3777	0.2714	0.4576	0.3538	0.1749	-0.0097	-0.0294	-0.364	0.181	0.1857	0.0563
PY04802	0.1992	0.2928	0.7222	-0.7517	-0.2452	-0.3031	-0.1879	-0.3293	-0.3658	-0.5602	-0.5794	-0.2484
PY01479	-0.5574	-0.3855	-0.209	-0.4614	0.1823	-0.0187	-0.0097	-0.0567	-0.0174	-0.092	0.1075	0.1018
PY03870	-0.0793	-0.0612	-0.2175	-0.3591	-0.3725	-0.3962	-0.203	-0.1135	-0.1114	0.1823	0.6278	0.0631
PY00972	0.0678	-0.0022	-0.0859	-0.3773	-0.108	0.2979	0.1836	-0.095	-0.0468	-0.1959	-0.4174	-0.1321
PY01940	-0.3605	-0.3995	-0.4431	0.1399	-0.3106	0.1846	-0.0205	0.0864	-0.1079	0.4453	-0.1875	-0.1592
PY03451	0.0972	0.0831	-0.1126	0.0162	0.7893	0.523	0.4361	0.2309	-0.0751	-0.2197	-0.6479	-0.0659
PY01515	0.64	0.1248	-0.3629	1.12	0.0885	0.1294	-0.3162	-0.3356	-0.5193	-0.2898	-0.7336	-0.5354
PY01845	-0.358	-0.0063	-0.1208	-0.2948	-0.0522	0.0773	0.0181	-0.0881	-0.157	-0.1947	0.0299	-0.2063
PY01631	0.1643	-0.0652	0.0004	-0.4737	-0.3535	0.1796	-0.0029	-0.3181	-0.2966	-0.0474	-0.1597	-0.0031
PY06729	0.3858	0.2056	0.4048	-0.2583	-0.0206	0.1124	0.3694	-0.0201	0.5335	-0.1624	-0.1505	0.5788
PY06252	0.6396	0.2527	0.1558	-0.07	-0.1873	0.0836	-0.1181	-0.104	-0.1932	0.1708	-0.1174	-0.043
PY05311	0.6791	0.3473	0.3059	0.0379	-0.2425	-0.0468	-0.0679	-0.3458	0.147	-0.2007	-0.4399	-0.1772
PY02401	0.897	0.1519	-0.1377	-0.5051	-0.3161	0.1072	0.0021	-0.3633	-0.3023	-0.5994	-0.5598	0.3437
PY01672	-0.7673	-0.238	-0.1086	-0.088	0.0864	-0.1468	0.0041	-0.0106	-0.0576	-0.0045	0.247	0.0811
PY04801	-0.0417	-0.3357	-0.2722	-0.2042	-0.1383	-0.2554	0.0892	0.0219	0.1034	-0.0508	0.0241	0.3064
PY07363	-0.2224	-0.0572	0.0054	0.2428	0.1555	-0.2233	-0.288	-0.0274	-0.2487	0.1786	0.0691	0.0997
PY03444	-0.5387	-0.0031	0.0638	0.2663	0.0317	-0.0816	0.1659	0.0984	-0.0179	0.1885	0.3965	-0.0527
PY03779	0.3433	0.1342	-0.0293	0.0944	0.2571	-0.2235	-0.1511	-0.3188	-0.2517	-0.1298	-0.4308	-0.0971
PY00709	0.0081	0.3072	0.3621	0.2303	0.4469	-0.1577	0.0635	0.0389	-0.1538	0.6538	0.5023	0.1645
PY03547	0.7196	0.4471	0.6155	-0.1269	-0.0264	0.0864	0.1934	-0.2779	0.0734	-0.2639	-0.3472	-0.046
PY02236	0.8277	0.6907	0.9271	0.5845	-0.5396	0.3712	0.2577	-0.0947	0.0412	-0.3337	-0.8993	-0.334
PY01860	0.1644	0.1545	0.2468	0.0236	0.2044	0.2505	0.0712	0.1561	-0.1131	-0.3466	-0.146	0.0587
PY03937	-0.0524	-0.1457	-0.3037	-0.2062	0.173	-0.1829	0.0526	0.0217	0.1948	0.2365	0.2581	0.1383
PY03923	0.0566	-0.4824	-0.0426	0.205	0.8866	0.1865	-0.0388	-0.0312	-0.1684	-0.0158	0.3859	0.0182
PY00713	0.4475	0.494	0.0692	0.0919	0.2201	0.1383	-0.4305	0.055	-0.1962	0.2837	-0.0543	0.2313
PY00511	-0.5549	-0.2527	0.399	0.6389	-0.2526	-0.0136	-0.0055	0.5743	-0.0848	0.5886	0.6005	-0.2047
PY05326	0.4598	0.1682	-0.154	0.3539	0.1411	-0.1572	-0.0138	0.0055	-0.1334	-0.2322	-0.0427	-0.0929
PY03475	-0.9377	-0.326	-0.267	-0.2656	-0.0303	0.4865	0.2121	0.8194	0.5406	1.0857	1.572	0.1527
PY00698	0.4243	1.1353	0.2447	-0.0546	-0.3796	-0.4617	0.3336	-0.0961	0.1918	0.2405	-0.3327	-0.1593
PY04099	-0.0983	-0.008	0.2349	0.2697	0.2207	-0.0742	-0.1543	-0.08	-0.178	0.25	-0.1502	0.0528
PY02430	0.215	0.2949	0.2141	0.9774	-0.4467	0.3092	0.314	0.1991	0.115	-0.6976	-0.3049	0.2401
PY02474	0.4721	0.0989	0.5153	0.6824	0.2893	0.4268	-0.0165	0.6285	-0.0567	0.7511	-0.118	0.0683
PY00803	0.0196	-0.1735	-0.0692	0.0728	-0.1213	-0.1555	-0.024	0.1199	0.2592	-0.0988	0.1456	-0.1441
PY03051	0.3314	0.0405	0.0347	0.2981	0.3478	0.362	0.0524	-0.0232	0.0458	-0.0965	-0.2187	0.0474
PY01344	0.31	0.1383	-0.0551	-0.0909	0.1382	0.3153	0.1797	-0.0651	0.0368	0.1909	-0.0982	0.2375
PY02705	0.7489	0.265	0.6792	0.1933	0.2199	0.3339	0.1646	0.1553	0.2498	0.2941	0.0489	0.2395
PY01017	-0.3063	-0.146	0.1526	0.0402	-0.135	0.089	0.2712	0.5342	0.2949	0.1402	0.5381	-0.0501
PY06228	0.1294	-0.1618	-0.3467	1.0082	-0.4129	-0.1447	-0.0624	0.4339	-0.5807	1.2168	-0.1008	0.0558
PY03994	-0.0773	-0.0463	-0.1787	1.02	0.0922	-0.3793	-0.0823	0.3735	0.245	0.5802	1.0993	0.2441
PY06765	0.4661	0.4823	0.3976	-0.3839	-0.6505	-0.1335	0.1626	-0.4838	0.0658	-0.7867	-0.8848	0.1051
PY00933	-0.1443	-0.1968	0.0617	0.9367	-0.2854	0.1348	-0.1962	0.1822	-0.0302	0.2757	-0.1976	-0.0215
PY05824	0.5634	0.408	-0.1276	-0.595	-0.4402	-0.2586	-0.1724	-0.132	-0.0686	-0.8442	0.0305	-0.2933
PY00360	0.7578	0.501	0.3624	0.4425	0.015	0.1453	0.3263	-0.1367	0.3892	0.0907	-0.471	0.3467
PY05349	0.0909	-0.022	0.0337	-0.3653	-0.022	-0.3255	-0.0941	-0.2414	-0.2032	-0.5742	0.2642	-0.4235
PY01212	-0.0513	-0.3202	-0.4326	0.0434	0.1712	-0.8497	-0.0762	0.0599	-0.5905	-0.008	-0.089	0.053
PY02752	0.0462	-0.0895	-0.1904	-0.253	-0.0636	-0.3072	-0.3189	-0.2245	-0.5515	0.0236	0.1967	-0.1527
PY02151	-0.3272	-0.094	0.0173	0.661	0.6927	1.159	-0.0959	0.7972	0.0454	1.4896	1.4268	0.1697
PY00006	-0.2265	-0.3819	-0.5714	0.1612	0.6212	-0.0387	-0.3413	-0.166	-0.1294	0.2997	-0.0571	-0.0718
PY06309	-0.8971	-0.1013	0.0322	-0.3202	-0.1787	-0.1858	-0.0398	0.2993	0.0686	-0.1406	0.4334	-0.4589
PY00032	0.067	0.0232	-0.0459	-0.5009	0.0326	-0.1164	-0.052	-0.1577	-0.3588	-0.2505	0.0723	-0.1787
PY00022	0.1642	0.0672	-0.0347	0.2315	-0.3135	-0.2973	0.2705	0.1398	0.1595	-0.114	-0.4695	0.4618
PY02637	0.5028	0.304	0.606	0.0417	-0.1763	0.1692	0.0334	-0.3113	0.146	-0.3718	-0.4157	-0.0917
PY07507	0.8067	0.2917	-0.1191	0.8378	0.0987	0.0925	0.2573	0.0251	0.3961	0.0866	-0.2014	0.6759
PY01181	-0.9863	-0.2355	-0.3492	-0.3204	-0.3838	-0.3679	-0.0192	0.5073	0.1789	-0.0144	0.7434	-0.507
PY01995	0.0503	-0.1712	-0.0799	0.9674	0.0463	0.1882	0.1797	0.1544	0.1753	0.2662	0.0402	0.127

PY03537	1.0238	0.4187	0.7016	0.0309	-0.0031	0.0866	0.7731	-0.0099	0.3433	0.4116	-0.2591	0.4723
PY03509	0.1506	-0.0973	0.0858	0.5589	0.1841	0.1485	-0.0559	-0.0363	0.1296	0.1715	0.3709	0.2208
PY06248	-0.3391	-0.1848	-0.5225	0.6737	0.1903	0.0356	-0.2279	0.6024	0.3214	0.4648	0.9659	0.769
PY06207	-0.9776	-0.4491	-0.0988	-0.965	-0.2964	-0.4077	-0.3599	-0.0588	-0.0894	0	0.7463	-0.3859
PY00604	-0.1496	0.185	-0.5988	-0.5506	-0.8188	-0.5391	0.2389	0.4027	0.4452	0.4797	1.0903	0.3183
PY06536	0.358	-0.0712	-0.1086	-0.0881	-0.2028	-0.0462	-0.0579	-0.1436	-0.1582	-1.7773	-0.3997	-0.2466
PY01044	-0.4662	-0.6869	-0.2724	-0.3723	-0.376	0.076	0.216	0.0234	0.4075	-0.1041	-0.1914	0.026
PY00517	-0.8882	0.2987	-0.0674	-0.4516	-0.0684	0.0608	0.2074	0.5844	0.2419	0.5774	1.3002	0.2593
PY05066	1.2019	0.6366	1.0039	0.3697	1.1264	0.0881	0.4474	0.0336	0.2577	0.2987	0.0449	0.406
PY06443	1.0344	0.3108	-0.1519	0.6026	-0.7265	0.2325	-0.0894	-0.0676	0.0733	-0.2101	-0.2595	-0.2922
PY05519	-0.7374	-0.2306	0.0721	-0.2952	-0.2556	-0.1735	-0.1995	0.0874	0.1369	0.2852	0.3178	0.1408
PY04015	-0.1755	-0.0694	-0.0618	0.1815	0.1463	0.3847	0.2215	0.146	0.0275	0.1583	-0.0976	0.0708
PY04012	0.0783	0.3448	0.1614	-0.2217	0.2795	-0.061	0.2658	-0.0985	0.292	-0.4046	0.0935	-0.1187
PY06546	0.0818	0.0775	-0.0192	0.2203	-0.3946	-0.091	0.1055	0.3453	0.2073	-0.1797	0.913	-0.0306
PY04187	0.4193	0.4372	-0.0886	-1.4452	-0.7046	-0.19	0.0509	-0.6766	-0.174	-1.1788	-0.9396	0.0481
PY06841	-0.9129	0.0241	0.8688	0.2772	0.0388	0.1899	0.1528	0.2788	0.3208	0.2585	0.5461	0.1583
PY02945	-0.0927	-0.036	0.1367	-0.0947	0.0494	0.0714	0.3144	0.1243	0.2715	-0.0128	-0.1009	0.097
PY05403	-0.2887	-0.0858	-0.0346	-0.2827	0.276	-0.1762	0.2377	-0.2818	0.4627	-0.3983	0.2554	0.1741
PY06867	-0.4822	0.0231	0.2468	-0.3425	-0.7204	-0.0712	0.1986	0.2862	0.3132	0.0208	0.4117	-0.0673
PY06415	0.2036	0.1371	-0.0817	0.3559	-0.0232	-0.1553	-0.2497	-0.266	-0.2086	0.047	-0.5594	0.3127
PY00234	0.9257	0.1703	-0.0772	0.1431	0.1282	0.0964	0.11	0.092	-0.6905	-0.1241	-0.0123	0.1037
PY02111	0.2299	0.3104	-0.0277	-0.5085	-0.0211	-0.0285	-0.0381	-0.1911	-0.1026	-0.1391	0.0101	0.0623
PY02736	0.6954	0.4495	-0.1969	0.2822	0.1095	0.0105	0.1136	-0.0613	-0.0466	-0.0217	0.0467	0.1383
PY01735	-0.001	-0.0447	-0.169	0.1781	-0.2242	0.0641	0.2242	0.308	0.1511	-0.3596	-0.111	0.3004
PY03251	-0.1415	0.0527	0.0748	0.4507	-0.2305	-0.2333	-0.401	0.0789	0.177	0.4489	0.2708	0.2894
PY00572	-0.0503	0.184	-0.0474	-0.4279	-0.5809	-0.337	0.0313	-0.1627	-0.1777	-0.2789	-0.1243	-0.2336
PY06780	-0.2137	0.1155	-0.0756	0.4142	0.1976	-0.2556	0.0893	-0.3915	0.1354	0.3822	1.1321	0.1067
PY07059	0.5063	0.1316	0.3019	0.1283	0.1588	0.1273	0.3853	-0.1815	-0.1234	0.0295	0.0527	0.2198
PY04474	-0.1668	-0.3668	-0.371	-0.4146	-0.1844	-0.2108	0.019	-0.2106	0.1009	0.4668	0.14	0.3878
PY04299	-1.0455	-0.2428	0.015	-0.4035	0.0532	0.0745	-0.1041	0.2734	0.014	0.251	0.549	-0.219
PY01112	-0.3979	0.0304	0.2582	-0.689	-0.2729	-0.1406	-0.0964	-0.026	0.1732	-0.3096	0.5731	-0.1164
PY06712	0.0962	0.0501	0.031	-0.0123	0.0632	0.0288	-0.0825	-0.2038	0.0425	0.0898	-0.4002	0.0405
PY03135	0.0815	0.1116	-0.0338	1.7202	0.9735	0.9486	0.085	0.622	0.1059	0.6263	1.0198	0.0838
PY01183	0.0569	0.0373	-0.2835	0.667	0.3677	-0.2197	0.2512	0.3168	0.0931	0.1125	0.8142	0.2686
PY03939	0.2221	-0.1494	0.1529	0.3258	0.3642	-0.0022	0.1272	-0.3563	0.0214	-0.0306	-0.6989	0.0997
PY02120	0.0594	-0.0084	-0.0278	-0.0044	0.0068	0.0409	-0.1153	-0.0873	0.1085	0.4822	-0.2016	-0.134
PY03506	-0.1335	0.1185	#####	-0.3367	-0.3017	0.0723	0.2912	0.1748	0.5451	0.0978	-0.1551	0.3268
PY05312	0.2767	0.103	0.3211	0.0426	-0.7862	-0.0929	-0.3948	-0.2733	-0.2478	-0.926	-0.4286	-0.3417
PY00708	-0.2879	-0.0148	-0.0341	0.7091	0.0859	-0.1313	-0.0411	0.1792	-0.6821	0.2359	0.0453	0.0069
PY02704	0.3609	0.1953	0.0959	-0.2556	-0.2735	0.1255	0.2686	-0.1968	0.12	-0.2167	-0.3277	0.1026
PY06321	0.329	0.3977	0.1806	-0.8169	-0.0401	-0.1716	-0.0521	-0.1583	0.1889	-0.4106	-0.103	-0.3249
PY06726	-0.1365	0.0244	0.046	0.3011	0.1672	0.0146	-0.3408	0.0531	-0.4849	-0.6128	-0.2776	-0.3183
PY05496	-0.8219	-1.0208	-0.9317	-0.8025	0.0325	0.2177	0.1575	0.2868	0.3676	0.5381	0.5247	0.0071
PY04881	-0.1518	-0.0216	0.1637	0.0501	0.1069	-0.0584	0.2597	0.033	0.22	0.0915	0.2997	0.15
PY04682	0.2616	0.0547	0.2221	0.214	0.2275	0.2558	0.2218	0.1286	0.2214	0.0496	0.0734	-0.1012
PY05157	0.8326	0.4139	0.5653	0.0496	0.0417	0.2238	0.4336	-0.0352	0.1217	-0.2079	-0.2682	0.2187
PY04570	-0.2899	-0.4899	-0.9278	0.1488	-0.0178	0.1657	0.0752	0.3537	-0.0061	-0.2474	0.3269	0.0162
PY01660	-0.6042	-0.2745	-0.5053	0.9817	0.2992	0.3257	-0.0769	0.2468	-0.167	-1.5066	0.1213	-0.2805
PY03474	-0.4566	-0.0776	0.0245	0.1639	0.4156	0.4915	0.1388	0.2379	-0.0996	-0.1722	0.0958	-0.556
PY07508	0.0429	0.0356	-0.0304	0.0812	-0.0522	-0.4777	-0.3855	-0.4097	-0.1588	-0.3928	-0.2822	-0.2488
PY00935	-0.3451	-0.1025	0.2583	-0.436	-0.121	-0.0207	-0.217	0.1182	-0.177	0.0364	-0.1472	-0.2315
PY00157	-0.0381	-0.0731	0.3232	0.0861	0.383	0.0198	-0.0793	-0.0283	0.1323	0.8558	0.2585	0.2168
PY04688	-0.0156	0.0766	-0.0424	-0.4849	-0.0128	-0.3505	-0.3029	-0.1205	0.2023	-0.0356	0.0844	0.1621
PY01527	-0.1448	-0.0631	0.1496	-0.0887	-0.1198	0.1894	0.0643	0.1232	0.0279	-0.2573	-0.0958	0.171
PY04607	-0.6409	-0.2763	-0.1417	-0.7707	0.6886	0.3079	0.3502	0.2052	-0.2646	-0.224	0.3823	-0.2208
PY05438	-0.294	0.0257	-0.1502	0.347	-0.2469	0.0487	0.3151	0.0579	0.3374	0.3624	-0.3844	-0.0696
PY00129	-0.223	-0.2509	-0.4077	1.132	0.8956	0.0976	-0.2192	-0.2827	-0.2328	0.617	0.7066	0.2261
PY03878	-0.6363	0.0209	0.2141	0.2352	0.2452	0.1756	0.0177	0.0505	0.0944	0.0779	0.1167	-0.0973
PY04436	0.3229	0.2829	0.364	0.0457	0.1995	0.2711	0.1706	-0.2376	-0.0763	-0.0899	-0.6387	0.1018
PY05371	-0.0805	0.1486	0.235	-0.217	-0.6226	0.2927	0.5862	0.143	0.2063	0.2114	-0.5905	0.2159
PY04834	0.4232	0.0387	0.3096	-0.1977	-0.0668	-0.0864	-0.1188	-0.18	-0.1432	-0.1944	-0.2249	-0.0473
PY01230	-0.4629	0.1171	0.0038	-0.2466	0.0785	0.0063	-0.0509	0.0121	-0.0819	-0.1536	0.45	-0.0917
PY01370	-0.2959	-0.0336	-0.2447	0.501	0.3436	-0.0194	-0.0905	0.1668	-0.2271	0.1058	0.4107	-0.0598

PY02442	0.1882	0.0636	0.0282	0.0724	-0.092	0.2163	0.299	0.0475	0.2631	0.0422	0.0193	0.4396
PY01480	1.0975	0.7155	0.6693	0.088	-0.2223	0.159	0.3143	-0.2819	0.2187	-0.1273	-0.4303	0.5047
PY01891	0.2494	0.3007	0.3664	0.4804	0.3918	0.2049	-0.0616	-0.2909	-0.2224	-0.2092	-0.596	-0.2823
PY02609	-0.6002	-0.3998	-0.999	-0.7289	-0.1482	-0.0492	0.0337	0.2835	0.0029	0.3141	0.1258	0.2093
PY07550	0.2654	-0.0232	-0.1446	-0.0118	-0.0412	-0.2271	-0.0733	0.0514	0.2433	0.3091	0.2742	0.4562
PY03056	-0.0899	0.0056	0.1173	0.7459	0.7342	1.0178	-0.0343	0.5916	0.0509	0.6214	1.0848	-0.1126
PY00745	-0.1047	-0.3009	-0.324	0.4788	0.1923	-0.0777	-0.1766	0.228	-0.1225	0.4276	0.2642	0.1333
PY04375	-0.3374	0.0816	0.2082	0.1721	0.1146	0.3526	0	-0.1893	0.1029	0.2036	-0.5315	-0.0862
PY07193	0.8675	0.5656	0.981	0.1858	-0.5966	0.0758	0.4606	0.0389	0.3382	-0.1638	-0.7932	0.5778
PY00106	0.1523	0.2141	0.2391	-0.1864	0.1129	0.0119	0.1381	0.1172	0.4325	0.0325	0.2441	0.1279
PY07658	-0.3613	0.0822	-0.6124	-0.5792	-0.8192	-0.0074	-0.0715	0.3885	0.3177	0.073	0.3562	0.0702
PY00294	-0.1598	-0.2154	-0.4743	-0.1924	0.4486	0.6982	0.0379	0.1648	-0.1665	-0.8858	-0.4843	-0.7208
PY01211	-0.768	-0.6318	-0.3866	-0.474	-0.2775	-0.1215	0.0038	0.2681	-0.2639	-0.274	0.1239	-0.3754
PY01681	0.2081	-0.0215	0.2963	-0.209	-0.0833	0.0111	0.0991	-0.2064	0.0578	-0.1826	-0.2845	0.0845
PY02293	-0.1119	0.0091	-0.3553	-0.0675	-0.2808	-0.2001	-0.049	0.3695	0.4477	-1.3442	0.4047	0.518
PY03777	-0.3496	-0.0719	-0.0044	-0.0985	-0.3166	-0.5841	-0.079	0.1042	0.6512	0.3831	0.749	-0.0906
PY01187	-0.5093	-0.2408	-0.123	-0.4896	0.0401	-0.1916	-0.1815	0.0156	-0.7297	0.0552	0.0104	-0.63
PY00459	-0.3347	0.3716	0.678	0.7249	-0.2305	0.084	0.1075	0.0502	0.0806	0.171	-0.1379	0.0906
PY05839	-0.54	-0.2356	-0.1729	0.0372	-0.0343	-0.0186	-0.1416	0.0727	0.2212	0.1202	0.3344	-0.0365
PY03572	0.4988	0.4533	0.8242	-0.0471	-0.6058	0.1217	0.1804	-0.1779	0.3935	-0.3234	-0.4658	0.2235
PY01018	-0.1902	0.2702	0.3635	-0.2108	-1.0248	0.3611	0.5063	0.4071	0.1254	-0.493	-0.9124	-0.5235
PY07009	-0.033	-0.2445	-0.5849	-0.4254	0.0267	-0.1911	0.058	-0.0593	0.11	0.0514	0.5352	0.3672
PY06315	-0.7385	-0.5933	-0.4853	-0.062	-0.3106	-0.3979	0.0565	0.3614	0.1283	0.1952	0.5235	0.2691
PY06055	0.8096	0.4919	0.2663	0.3525	-0.1634	-0.4894	0.1307	-0.1231	0.1993	-0.1659	-0.189	0.1975
PY01627	-1.3457	-0.2702	-0.1348	-0.3582	-0.4732	-0.0227	-0.1089	0.3646	0.2995	0.0084	0.564	-0.4224
PY01757	-0.5181	-0.1969	0.169	0.6222	0.8035	0.5914	-0.0023	0.3695	0.2023	0.7411	0.8289	0.1221
PY03955	-0.1165	-0.2383	-0.013	0.4516	-0.0806	-0.3584	-0.1651	0.3212	0.3903	0.3398	0.8199	0.1618
PY02223	0.8515	0.291	0.3421	0.4118	0.0882	0.2158	0.0752	-0.2876	-0.3022	-0.2216	-0.981	-0.2947
PY05330	0.0573	-0.0038	-0.0095	-0.5868	0.0179	0.1908	0.0436	0.3091	-0.043	0.1081	0.2436	0.2695
PY00019	-0.0877	-0.4262	-0.4251	0.0102	-0.4251	-0.0919	-0.2809	0.0574	-0.1028	0.1461	-0.2681	0.1666
PY01952	-0.7258	-0.4795	-0.329	-0.0986	-0.0467	-0.3181	-0.1222	0.1804	-0.0504	0.2327	0.9342	-0.0722
PY05068	-0.6382	-0.4299	-0.245	0.4807	0.1869	-0.2422	-0.2244	0.4992	-0.0122	0.5477	0.2945	-0.1353
PY06561	-0.8273	-0.2597	-0.6407	-0.0626	0.8649	0.2741	-0.0535	-0.0418	-0.1009	0.1883	0.2419	-0.1433
PY07115	0.3328	0.1027	0.0583	-0.2817	0.1337	0.1027	0.0145	0.039	0.1453	0.0977	-0.0226	0.4079
PY01642	-0.1497	-0.1265	0.0575	0.1924	-0.2187	-0.1801	-0.1863	-0.0414	0.0988	0.2707	0.1811	0.1359
PY05806	0.0554	0.1611	0.4575	0.5951	-0.421	0.0197	-0.4823	0.1488	1.1095	0.1059	0.0285	0.9738
PY01291	0.2287	0.0094	0.0241	0.2702	0.5586	-0.1513	-0.152	-0.0696	-0.2692	-0.1545	0.2453	-0.042
PY04102	-0.6101	-0.3046	0.0827	-0.5726	-0.1221	-0.1964	-0.2562	-0.1378	0.0745	0.1645	0.4955	-0.2799
PY07104	-0.1094	-0.8559	-0.537	-0.1603	0.1142	-0.4449	-0.0531	0.2587	0.1534	0.4045	-0.1108	-0.1748
PY00219	0.3704	0.0367	-0.0904	-0.2675	-0.3599	-0.3643	-0.0041	0.1571	-0.7523	-0.2684	-0.2745	-0.02
PY00673	0.1457	0.0627	-0.1719	-0.0166	0.4863	0.0351	-0.1197	-0.0999	-0.4603	0.1433	0.3582	-0.2218
PY06762	0.4143	0.1299	0.1576	0.2778	0.2305	-0.0069	-0.1755	-0.3615	-0.1724	-0.2308	-0.2941	-0.1008
PY06559	0.416	0.4763	0.2488	0.1837	0.1651	0.02	0.1485	-0.0141	-0.0984	-0.1735	-0.4452	-0.1737
PY03720	0.038	-0.1266	0.1105	-0.3248	-0.4107	0.1581	-0.0562	0.1225	0.148	-0.0206	-0.0283	0.2513
PY01489	-0.4485	0.1081	0.1609	-0.201	-0.1141	0.2145	-0.4428	-0.1855	-0.3464	-0.5053	-0.1616	-0.6164
PY01476	0.6188	0.2832	0.4324	-0.3461	-0.1909	0.1587	0.2675	-0.3868	0.2708	0.1804	-0.6955	0.3737
PY05033	-0.4417	-0.37	-0.3092	-0.0045	-0.2369	-0.0675	0.1258	0.4589	-0.1126	0.0369	-0.1538	-0.4965
PY04768	0.6187	0.2045	0.0973	0.0637	0.2971	-0.0132	0.0835	-0.042	0.0698	0.1531	-0.2377	0.2921
PY01853	-0.5701	-0.189	-0.1578	-0.9821	-0.2167	0.1048	0.026	-0.0304	0.1523	-0.2079	-0.2179	0.1201
PY07038	-0.4788	-0.3373	0.0613	-0.3491	-0.3603	-0.0562	0.2081	0.3526	0.2933	0.3031	0.717	-0.0016
PY03205	-0.1877	-0.1059	-0.0797	0.0576	0.222	-0.0677	-0.1942	-0.1854	-0.1817	-0.015	0.0759	-0.0194
PY01046	-0.0855	-0.2852	-0.1424	-0.1418	-0.2177	-0.0869	-0.0923	-0.0272	0.0313	-0.0865	0.1372	-0.0534
PY07011	-0.6337	0.1101	0.0065	-0.5451	-0.5648	-0.3562	-0.0739	0.22	0.3615	-0.0608	0.7259	-0.1426
PY01706	-0.2838	-0.2284	-0.3093	-0.2439	0.1726	-0.1213	-0.1029	0.1539	0.0062	0.1437	0.1629	-0.1002
PY03457	-0.2864	-0.1823	0.0441	-0.2218	-0.1585	0.193	0.629	-0.2153	0.2542	-0.6193	-0.199	0.5331
PY07501	0.0795	0.1622	0.0542	-1.0265	0.0285	-0.0167	-0.1292	0.0801	0.1458	-0.7077	-0.0019	0.1036
PY02198	-0.3643	-0.0505	-0.2882	0.1014	0.253	0.0949	-0.0445	0.0974	0.0795	0.4751	0.5357	0.1275
PY03171	0.4651	0.4041	0.4519	0.1347	0.0378	0.3404	0.475	-0.1932	0.0445	-0.0365	-0.1355	0.3252
PY07341	-0.115	0.0167	-0.1294	-0.068	-0.3419	0.1645	0.1996	0.1146	0.0104	-0.5519	-0.2304	0.0059
PY02441	0.442	0.1637	0.3272	0.1492	-0.0996	-0.009	0.1224	-0.3774	0.072	-0.0308	-0.2636	0.1927
PY07173	0.8528	0.2667	0.6354	0.316	0.2854	0.0048	0.228	-0.6398	0.0484	0.1074	0.1167	0.0937
PY06901	0.1316	-0.0676	0.1525	0.4332	0.096	0.11	-0.0869	0.1179	0.147	-0.4427	0.1447	0.3596
PY04175	0.464	0.4816	-0.1202	-0.7555	-0.711	-0.3942	0.0575	-0.2701	0.2708	-0.5136	0.0951	0.05

PY02721	1.3306	0.3403	0.2537	0.9151	0.273	0.2119	0.1632	-0.6633	-0.3585	-0.2389	-0.8736	0.1903
PY01752	-1.3533	-0.3783	-0.2328	-0.5772	-0.2239	-0.0809	0.1043	0.6301	0.2681	0.1562	0.7897	-0.4288
PY05677	-1.6046	-1.1208	-1.3261	-0.8904	-0.7709	-0.3668	-0.2567	-0.0198	0.107	0.5616	0.9913	0.589
PY00030	-0.3788	-0.1951	0.3486	0.1386	-0.616	-0.1034	0.0347	0.1086	-0.8699	-0.4398	0.0345	-0.7079
PY05328	-0.4996	-0.4303	0.0659	-0.1868	-0.2023	-0.3561	-0.3159	-0.122	-0.254	-0.1056	0.1892	-0.4246
PY02156	-0.775	-0.4971	-0.2142	0.2733	-0.3351	-0.4334	-0.5241	0.0477	-0.1394	0.547	0.5657	0.4408
PY00363	0.0145	0.0604	0.1528	0.448	0.2154	0.4147	0.3153	-0.0553	0.0391	-0.1002	-0.2127	0.2172
PY02310	0.6272	0.2726	-0.0192	-0.0573	-0.0989	0.2184	0.081	-0.1009	-0.0445	-0.1248	-0.4538	-0.1625
PY00831	0.0746	0.2522	-0.2016	-0.5511	-0.2144	-0.223	0.2138	0.3986	0.2262	0.2378	0.4867	-0.0532
PY00050	0.6597	0.4377	0.4386	0.2686	-0.0941	0.1134	0.3534	-0.0323	0.0837	-0.1783	-0.6343	0.4069
PY05251	0.6549	0.2178	-0.3971	0.3962	-0.2246	-0.2943	-0.3969	0.0377	-0.021	0.1898	-0.3734	-0.7277
PY05473	-0.7311	-0.3886	-0.3209	-0.5476	0.0343	-0.1094	-0.0939	-0.0173	0.0631	0.1564	0.175	0.1381
PY06590	-0.28	-0.5895	-0.2452	0.7325	0.3455	-0.1667	-0.1052	-0.119	-1.4992	-0.1479	0.5147	-0.9477
PY00811	-0.3287	0.0848	-0.1769	0.4654	0.1808	0.3824	0.1768	0.4822	0.0881	-0.6366	0.1415	0.042
PY00418	-0.3941	-0.3241	-0.5271	0.0085	-0.0536	0.2467	0.1184	0.241	-0.1056	-0.0045	0.0009	-0.0398
PY03238	-0.3496	-0.1592	-0.2848	-0.5385	0.511	0.1646	0.0571	-0.0033	-0.1066	-0.0548	0.1323	0.0323
PY03408	0.7064	0.4216	0.327	0.1493	0.1421	0.411	0.3184	-0.2214	-0.0647	-0.1708	-0.6693	0.1452
PY05219	0.1708	0.2079	-0.2763	-0.1699	0.1557	-0.1132	0.5047	0.0948	-0.0316	0.2503	-0.1234	0.8531
PY06736	-0.2973	-0.1603	-0.1634	-0.7037	0.0525	0.0206	0.084	0.0196	-0.1465	-0.0863	-0.1773	0.1028
PY06196	-0.2572	-0.2411	-0.6417	-0.609	-0.6408	-0.1337	-0.1422	-0.3095	0.0519	-0.6066	-0.1436	0.1085
PY01374	-0.4231	-0.4729	-1.0393	-0.04	0.5178	0.1253	-0.0524	0.202	-0.0975	0.4454	0.2811	0.1667
PY01721	-0.3011	-0.0392	-0.2387	0.0662	-0.2087	-0.2695	0.061	0.6106	0.7342	0.8494	0.416	0.5715
PY05078	0.6562	0.342	0.3837	-0.1225	-0.4426	0.318	0.1092	-0.2994	-0.0854	-0.3901	-0.742	0.0432
PY04536	-0.3091	0.0073	-0.2809	-0.2355	-0.0381	-0.2398	0.1248	0.1116	0.1035	-0.2738	0.0296	0.119
PY06086	-0.5709	-0.195	0.0574	0.0318	-0.4303	0.0505	0.0945	-0.0009	0.2016	0.1696	0.2012	0.092
PY05234	-0.2769	-0.2685	-0.3073	-0.8987	-0.1197	-0.199	-0.0922	0.0024	0.0149	-0.1451	0.3284	0.1672
PY00122	0.4958	0.0992	0.1056	0.5607	0.2353	-0.2122	-0.2242	-0.345	-0.265	-0.1475	-0.0577	-0.2269
PY06304	0.2026	-0.016	0.0409	0.1513	-0.2346	-0.1166	-0.025	-0.1926	0.0739	-0.5009	0.0622	0.1607
PY05385	-0.2548	0.0074	0.1146	-0.0842	0.0488	0.3601	0.1395	-0.017	0.0973	0.1084	-0.1186	0.093
PY05933	0.5383	-0.0739	-0.0304	-0.1577	-0.4137	-0.1018	0.2052	-0.1742	-0.2446	0.1813	-0.3931	0.5791
PY00805	0.5194	-0.3546	0.2973	0.0541	-0.0647	-0.2959	-0.4625	-0.2458	-0.1791	-0.1018	-0.2543	0.0188
PY02463	0.305	-0.1994	0.0619	0.2772	0.3551	0.1889	0.0827	-0.1827	-0.197	-0.1125	-0.085	0.1326
PY01346	-0.6658	-0.3458	0.0398	0.6406	-0.0366	-0.3302	-0.2092	0.2676	0.1669	0.5821	0.7559	0.0633
PY02417	-1.1935	-0.0723	-0.0985	-0.8483	-0.5381	-0.8197	-0.2514	-0.3128	-0.1986	-0.3358	0.4698	-0.2146
PY00166	-0.5227	-0.5728	-0.0422	0.8925	0.1543	-0.0209	-0.581	0.4814	0.1969	0.5824	0.6494	-0.2568
PY03535	-0.0316	-0.1962	-0.1291	0.4033	-0.1064	-0.1501	-0.3729	0.1768	-0.2044	0.6712	-0.0137	0.1802
PY07031	0.502	-0.0257	-0.2186	0.6478	0.0996	-0.1543	-0.0518	0.0611	-0.2993	0.2673	-0.1235	-0.0138
PY06758	-0.1748	-0.0766	-0.2984	0.0373	-0.1264	-0.2087	0.1525	0.1847	0.157	0.0127	0.299	0.5018
PY02805	-0.0154	0.1599	0.2488	0.2704	-0.0453	0.1186	0.1491	-0.1144	-0.1402	-0.1251	-0.0708	-0.1176
PY02448	-0.0905	0.102	-0.2311	0.048	-0.011	0.5029	0.069	0.0069	0.398	-0.0004	0.0021	-0.5268
PY02383	-0.2627	-0.1431	-0.1887	0.1238	0.0023	-0.0195	0.2058	0.1443	0.0364	0.2348	-0.1645	-0.1116
PY06209	-0.3014	0.2086	-0.032	-0.52	-0.3552	0.104	0.0312	0.0316	0.1354	-0.544	-0.1631	0.066
PY04823	-0.3974	-0.2412	-0.0859	0.0019	0.7431	0.2793	-0.0749	0.1035	-0.1449	0.0588	0.2694	-0.1639
PY02980	-0.0285	-0.2887	-0.1008	0.1464	0.4818	0.0385	0.0869	0.0425	0.1263	0.4722	0.387	0.0467
PY03174	0.2263	0.2566	0.2055	-0.2448	-0.3045	0.4439	0.1697	-0.0476	0.0372	-0.3845	-0.505	-0.1319
PY05563	0.2055	-0.1134	0.1385	-0.1397	-0.2256	0.0677	-0.5121	0.1744	0.2295	0.6896	0.1148	-0.0288
PY02916	-0.9445	-0.3413	-0.2464	-0.0242	0.2071	0.074	-0.1866	-0.0238	-0.417	0.1414	-0.0965	-0.5307
PY03372	0.0423	0.0311	0.2346	0.6953	0.0439	-0.3321	-0.1006	-0.0089	0.0083	0.1239	-0.0521	-0.49
PY05414	0.0827	0.2724	-0.0428	0.4691	-0.3734	-0.2966	-0.0233	0.309	0.4904	-0.2829	-0.2877	-0.062
PY00337	0.0238	-0.0126	-0.0621	-0.2713	0.5363	-0.0656	-0.1716	-0.2088	-0.0616	-0.0226	-0.0442	0.0047
PY00546	-0.0875	-0.0283	0.1476	-0.0581	-0.091	0.0473	0.1468	-0.1482	-0.2172	-0.1663	-0.5261	0.0773
PY01740	-0.271	-0.0484	-0.6005	-0.0081	0.88	0.4699	0.0929	-0.1424	-0.3626	-0.9133	-0.2606	-0.486
PY07423	-0.7617	-0.253	-0.1131	-0.03	-0.0772	-0.6479	-0.4398	-0.0434	-0.0315	0.119	-0.0368	-0.0649
PY05870	0.8716	0.3613	0.2475	0.1317	-0.0113	0.3787	0.105	-0.2874	-0.2313	-0.1993	-0.8144	0.081
PY03434	-0.2916	-0.0805	0.2561	0.1612	-0.0005	0.231	-0.2984	-0.24	-0.5757	-0.2213	-0.0306	-0.2896
PY01841	0.0377	0.0203	0.4541	-0.3362	0.0296	0.0937	-0.0452	-0.2855	-0.3521	-0.552	-0.1106	-0.2739
PY01999	0.3748	0.1102	0.4355	-0.0326	0.1489	0.2099	0.1538	-0.1519	0.1206	-0.2087	-0.3749	0.1261
PY01615	0.1634	0.2252	-0.3193	0.0212	-0.1244	-0.1356	0.1283	0.0655	0.168	0.0969	-0.0667	0.1844
PY06836	-0.1171	-0.1051	-0.2217	-0.1652	0.5277	0.3729	0.3201	0.3624	0.0334	-0.1131	0.1184	0.051
PY00322	-1.2279	-0.4326	0.1324	-0.7673	-0.1805	-0.2356	-0.2202	0.1845	0.0836	0.1081	0.6777	-0.2707
PY03037	-0.5135	-0.4688	-0.4771	-0.0476	0.6178	0.0735	0.4038	-0.1656	-0.0124	0.229	0.316	0.478
PY07495	0.1933	0.0755	-0.2914	-0.545	-0.3252	-0.3169	-0.8408	-0.1602	0.1	-0.2223	-0.4	-0.0428
PY02533	-0.0333	-0.1178	-0.2868	-0.857	-0.3857	-0.3539	-0.1098	-0.074	0.1433	-0.1712	-0.0385	-0.0856

PY03522	-0.7135	-0.3031	-0.2812	-0.2152	-0.4869	-0.321	-0.2116	-0.173	-0.0765	-0.0974	0.2277	-0.1786
PY05596	0.246	-0.1325	-0.1468	0.0421	0.2004	-0.2609	-0.3131	-0.3304	-0.1291	-0.1666	0.1532	0.0684
PY03724	-0.1404	0.0664	0.1399	0.6117	0.1573	-0.0091	-0.0329	0.3245	0.1813	0.1441	0.1108	0.1189
PY03216	-0.0828	-0.5277	-0.5773	-0.6747	-0.1745	-0.2443	-0.5097	0.2968	-0.0664	0.0691	-0.1354	-0.2776
PY06523	0.4361	0.0562	-0.051	0.0969	-0.1158	-0.1051	0.0767	0.2723	-0.0387	-0.1559	-0.3178	-0.0763
PY02305	-0.7071	-0.3599	-0.2923	-0.6565	0.1703	-0.0202	-0.04	-0.0962	-0.1883	0.1405	0.2317	-0.0018
PY04087	0.4229	0.2258	-0.042	-0.6881	-0.4674	0.2011	0.1777	0.5206	0.1275	0.3834	-0.1983	0.2826
PY07626	0.1635	0.1207	0.153	-1.1932	-0.228	-0.149	-0.1162	-0.4136	0.0048	-0.3075	-0.2941	-0.0747
PY03285	0.0591	0.0808	-0.4414	1.0816	-0.0752	-0.0384	-0.1053	-0.1139	0.0308	0.3425	0.1731	-0.0784
PY01307	-0.3974	0.0119	0.2195	0.5173	0.2814	0.4862	0.1444	0.3287	-0.0591	0.6708	0.7312	0.152
PY03767	0.3217	0.0765	0.277	0.427	0.5413	0.4329	0.0911	-0.0115	-0.0752	0.4565	0.1125	0.115
PY00040	-0.3785	-0.4834	-0.6101	0.2782	0.0461	0.5032	-0.0726	0.0735	-0.2573	0.4661	-0.0273	-0.3244
PY05748	-0.2291	0.2608	0.0398	-0.5751	-0.7685	0.1968	0.549	0.1634	0.3828	-0.4353	-0.6442	-0.2775
PY03448	-1.4566	-0.4062	-0.2994	-0.7442	-0.6862	-0.3993	-0.2031	0.4338	0.3214	0.2257	0.5865	-0.4155
PY00446	-1.1518	-0.4096	0.0421	0.6088	-0.1409	-0.2132	-0.1986	0.0577	-0.1377	0.4772	0.715	-0.204
PY02952	-0.2978	0.0743	0.1333	0.3306	-0.2234	-0.3265	-0.3689	0.077	0.0665	0.1897	0.4444	0.0073
PY00959	0.6095	0.2305	0.5703	-0.074	-0.2674	0.0526	0.2633	-0.1351	0.2415	0.3241	-0.2606	0.3887
PY02657	-0.3412	-0.0615	-0.1529	0.7039	-0.0836	-0.169	-0.0687	0.4398	0.0179	0.1732	0.2509	-0.3067
PY06065	0.2854	0.4441	1.0082	0.874	0.2304	0.2715	0.4633	0.5442	0.059	0.1722	-0.202	0.2394
PY03141	0.9865	0.9986	1.4105	0.3997	-0.5177	0.0426	0.6238	-0.2371	0.7988	-0.5369	-1.0474	0.5252
PY05633	0.7248	0.4331	0.1337	-0.1695	-0.1948	0.1366	0.1397	-0.2316	-0.0893	-0.1238	-0.9423	0.0608
PY05760	-0.2443	0.4427	-0.1771	-0.7098	-0.4312	-0.4293	-0.112	0.1661	0.4765	0.144	0.8975	0.1442
PY02573	-0.1259	-0.2268	-0.0076	-0.095	-0.0347	0.1146	0.3002	0.1055	0.2745	-0.0784	0.0844	-0.0536
PY02553	0.3971	0.379	0.3983	0.0488	-0.159	0.2167	-0.0066	-0.2537	-0.0996	0.2951	-0.0105	-0.366
PY03225	0.696	0.0899	0.1251	-0.9699	-0.2316	-0.1092	0.2482	-0.2939	-0.1475	-0.7119	-0.78	0.0441
PY02627	0.9033	0.3728	0.3295	0.5202	-0.2501	-0.1452	0.0116	-0.2838	-0.2161	-0.2629	-0.4771	-0.0356
PY03157	-0.4999	-0.4043	-0.7574	0.7888	0.2016	-0.3858	-0.1503	-0.223	-0.219	0.3307	0.1582	-0.4363
PY03638	-0.498	-0.1419	0.0502	0.3316	-0.0177	-0.3181	-0.3372	0.0582	-0.658	0.3709	0.3209	-0.2532
PY05199	0.0613	0.0526	0.0964	-0.0613	-0.0699	0.4435	0.3937	-0.1448	-0.001	-0.3261	0.111	0.1717
PY00819	-0.1498	0.1193	-0.2055	0.2112	-0.0518	-0.3669	-0.456	-0.0897	-0.4771	-0.1913	0.1216	-0.2635
PY03838	-0.4498	0.1193	0.0485	0.5737	0.3271	0.0147	0.1057	0.4373	0.3778	0.3579	0.4022	0.0872
PY07023	0.094	-0.0802	0.545	0.5902	0.0615	0.0441	0.0999	-0.2732	0.1096	-0.3872	-0.2916	-0.1863
PY02934	-0.6541	-0.0897	0.2258	0.0479	-0.2971	-0.5677	-0.6253	-0.254	-0.1468	-0.1482	0.0496	-0.3771
PY04150	-0.2723	0.2601	0.2507	-0.0277	-0.1712	-0.3108	-0.0713	-0.23	-0.0239	-0.1728	-0.1314	-0.3178
PY03161	0.4007	0.2429	0.1653	0.0283	-0.1438	-0.0487	0.387	0.0777	0.2296	0.0077	0.2577	0.2944
PY02016	-0.4942	-0.3056	-0.0213	0.0849	-0.1918	0.1072	-0.0254	0.3734	-0.0058	0.619	0.2052	-0.2979
PY02267	-0.0702	0.1605	0.3889	-0.9329	0.0355	0.2549	0.369	-0.5268	-0.0854	-0.2566	0.0229	0.3781
PY07255	-1.1634	-0.3974	-0.0202	-0.0081	-0.1458	-0.0727	0.0736	0.3832	0.0811	0.53	0.5943	0.1639
PY03414	-0.534	-0.3775	0.0545	-0.0836	0.3523	0.393	-0.1471	0.155	-0.1276	-0.238	0.0856	-0.3642
PY00755	0.0174	0.0999	-0.0766	0.2734	-0.1876	-0.0082	-0.2465	0.1354	-0.4788	0.1792	-0.4079	-0.0789
PY00112	-1.5487	-0.0208	0.2995	-0.6214	0.1198	0.2187	0.0089	-0.0206	-0.1806	-0.7062	0.2164	-0.6886
PY04004	0.0119	-0.1281	-0.278	0.0863	0.5632	0.1007	-0.0171	0.3067	-0.1945	0.3841	0.5031	0.0819
PY03707	0.3529	-0.0708	0.4052	0.1771	0.0091	0.4443	0.1353	0.0099	-0.2663	0.2726	-0.2566	-0.0319
PY03006	-0.2762	-0.1858	0.2717	0.3694	0.374	0.3155	0.2578	0.2048	-0.2483	0.2812	0.1858	0.6594
PY00653	0.0434	-0.1239	-0.1751	0.142	0.3053	0.127	-0.0309	-0.0112	-0.1359	0.2225	0.0442	-0.0754
PY02584	-0.1864	0.0099	0.0874	-0.1521	-0.6541	0.0012	0.0019	0.1166	0.275	-0.0137	-0.2817	0.0091
PY03381	-0.3229	0.1252	0.6293	0.1595	-0.1965	-0.2298	0.0997	-0.0649	0.1629	-0.0191	0.0201	-0.4477
PY00110	-0.2705	-0.2491	0.0864	-0.67	0.0229	0.2764	0.4571	0.3031	0.3213	-0.2001	-0.149	0.2183
PY03911	-0.6405	-0.1467	0.1089	-1.0041	-0.3299	-0.0765	0.0803	0.0171	0.2185	-0.1837	1.1812	0.5184
PY03791	0.7869	0.3575	0.2468	-0.2481	-0.1514	-0.1939	0.2458	-0.2817	0.1272	-0.3242	-0.3195	0.3438
PY04661	-0.3944	-0.1293	-0.278	-0.219	0.2314	-0.2396	-0.1446	0.0839	0.0487	-0.0309	0.222	-0.097
PY03099	-0.0035	-0.0725	0.0757	-0.3133	0.3097	-0.0387	-0.2985	-0.2344	-0.3324	-0.0756	-0.055	-0.1936
PY03336	0.022	-0.1097	-0.1332	0.1917	-0.2244	0.0585	-0.2223	0	-0.3756	0.2319	0	-0.1957
PY03151	-0.1941	-0.2177	-0.2074	-0.1566	0.3134	-0.2258	-0.324	0.0012	-0.0675	0.163	0.5098	0.0371
PY03844	0.351	0.4965	0.7682	0.1457	-0.1357	-0.1018	0.4212	0.1577	0.2714	-0.2017	-0.2886	0.1508
PY03671	-0.1891	-0.301	-0.3926	-0.0191	-0.2821	0.2889	0.1156	-0.1804	-0.0615	-0.7562	-0.1175	-0.0641
PY00692	0.4723	-0.0652	-0.2985	0.1043	0.0846	-0.1913	-0.122	0.008	-0.0684	-0.1548	-0.1626	0.1191
PY02020	-0.9083	-0.2431	0.103	-0.3461	-0.1475	-0.2659	-0.2394	-0.1166	-0.0428	-0.3891	0.1421	-0.4982
PY05752	-0.0784	-0.0125	0.091	-0.6565	-0.3063	-0.1491	0.1071	0.0619	-0.0295	-0.4053	-0.123	-0.0185
PY02710	-0.1892	-0.3583	-0.0276	-0.32	0.1946	0.1635	0.2457	0.2369	0.2868	0.4095	0.1374	0.1885
PY01493	-1.003	-0.3951	-0.3003	-0.4899	-0.1225	0.3198	-0.1037	-0.257	-0.3409	-0.1608	-0.0056	-0.1699
PY05346	-0.3698	-0.0279	-0.0455	-0.0616	-0.0544	0.0474	0.1132	-0.0695	0.122	-0.2557	0.0839	0.1554
PY06210	-0.2783	-0.2308	-0.1465	0.0282	0.1375	0.1429	-0.1408	0.2395	-0.2209	0.3357	0.0771	-0.1304

PY06465	0.4523	0.1244	0.2396	0.3329	0.3097	-0.0115	-0.0508	-0.1422	-0.1406	0.5329	-0.0618	-0.1188
PY06343	-0.2562	0.0178	-0.1267	0.5387	0.0155	-0.062	-0.0345	-0.0467	-0.2875	-0.6009	-0.0251	-0.1478
PY06965	0.1195	-0.0568	-0.6419	-0.0409	0.3281	0.0861	-0.2101	-0.4746	-0.5252	-0.4057	-0.5983	-0.0274
PY03325	-0.3969	0.122	0.3068	-0.3791	-0.2048	0.3921	0.7604	0.178	0.4358	-0.3393	-0.5332	0.0811
PY02089	-1.276	-0.1974	-0.0584	-0.267	-0.2998	-0.1675	0.0626	0.1388	0.2902	-0.0337	0.4351	0.2564
PY07228	-0.5325	-0.1641	-0.0067	-0.025	-0.0995	-0.2335	-0.1846	-0.0529	-0.2321	0.195	0.1127	0.1489
PY01560	1.0615	0.5487	0.537	-0.2571	-0.5485	-0.2237	0.0753	-0.1894	0.279	-0.5005	-0.3916	0.3707
PY04966	0.2943	0.0032	-0.2662	-0.0744	0.2275	-0.1279	0.3124	0.0629	0.0971	-0.1658	-0.7188	0.1484
PY00466	-0.7076	-0.098	0.1131	-0.2915	0.1551	0.1823	0.0281	-0.0599	0.0787	0.2214	0.1324	0.2312
PY03373	0.5	-0.08	-0.0842	0.0318	0.3684	-0.062	-0.3171	-0.2112	-0.2773	-0.3054	-0.466	-0.0838
PY02653	-0.1041	0.012	-0.1819	-0.1918	0.3023	0.1485	-0.3932	-0.0791	0.1944	0.124	0.2715	0.1462
PY06701	0.4611	0.4103	0.2322	0.7577	0.4475	0.4382	0.3066	0.4399	0.1037	0.7321	0.179	0.2032
PY01248	-0.0975	-0.0275	0.1092	-0.1483	-0.0283	-0.3635	-0.2851	0.2868	-0.1787	0.4288	0.6945	0.0815
PY02049	-0.215	-0.0313	0.246	0.131	-0.2576	0.1715	0.3006	0.1794	0.2879	-0.2505	0.0755	-0.0723
PY06161	-1.326	-0.5182	-0.3482	-0.2319	-0.3806	-0.4205	-0.2741	0.3341	0.0121	0.6159	0.7213	-0.148
PY01110	0.419	0.0104	0.2578	0.8196	0.1865	0.0004	-0.1425	0.4644	0.195	0.8129	0.2361	0.096
PY03121	-0.1471	0.3298	0.0141	-0.1261	-0.0841	0.0827	-0.0258	0.2731	0.1319	0.3847	0.622	-0.106
PY05240	0.1568	-0.0387	-0.3519	0.0568	-0.0525	-0.0802	0.1442	0.0683	0.1473	0.4347	0.3319	0.4465
PY05354	0.7323	0.3361	0.0544	0.255	-0.0438	0.1471	0.359	0.1523	0.2482	0.2527	-0.0159	0.2744
PY06134	0.3732	-0.0289	-0.2789	0.6528	0.3547	0.0605	-0.0192	0.2472	-0.2568	0.4018	-0.0889	0.3178
PY06587	-0.1514	-0.119	-0.2165	-0.0684	-0.3198	-0.1248	0.0201	0.1546	0.1303	-0.0559	-0.0431	0.1179
PY00558	0.419	0.1849	0.1384	0.7055	0.5455	0.2009	0.2532	0.204	-0.053	0.0421	0.3769	0.1211
PY01155	-0.1088	0.1164	-0.1666	0.4194	0.3007	0.1197	0.1231	0.0986	0.1583	0.578	0.3582	0.073
PY00623	-0.0769	0.0388	0.0085	0.413	-0.1918	-0.1935	-0.0304	0.0248	-0.1062	0.2882	-0.385	0.1312
PY04412	-0.0019	0.2444	0.1263	0.6542	-1.2683	-0.1038	-0.0492	0.1422	0.1195	-0.0427	-0.0486	-0.0328
PY05772	-0.0087	0.0267	-0.1519	0.0513	-0.1181	-0.0541	0.1302	0.101	0.2353	0.1261	-0.1485	0.5615
PY05690	0.6913	0.0748	-0.2449	0.073	0.2059	-0.2077	-0.0106	-0.0584	0.3474	0.258	0.256	0.1913
PY07384	-0.3349	0.0477	0.1677	0.4001	-0.0552	-0.3843	-0.1297	0.0879	-0.2061	0.2343	-0.0676	-0.1887
PY03982	-0.6123	-0.4456	-0.2894	-0.3413	-0.1086	-0.128	-0.0656	0.3152	0.558	0.2665	0.6611	0.1112
PY01037	0.4843	0.3437	0.0738	0.0917	-0.0406	-0.1696	-0.0857	-0.1017	-0.2134	-0.2273	-0.493	-0.158
PY01520	0.5157	0.2569	-0.0042	0.0166	-0.0346	0.2703	0.21	-0.0472	0.1185	-0.0179	-0.3364	0.2717
PY00072	0.0043	-0.1008	0.0063	-0.3856	0.1067	0.6975	0.2005	-0.202	0.073	-0.2393	-0.1862	-0.2541
PY05975	-0.1229	0.1193	-0.0152	-0.5289	0.1254	-0.0546	0.1114	-0.0451	-0.1527	-0.129	0.2323	-0.0557
PY05961	-1.1161	-0.069	0.2104	-0.9964	-1.0127	-1.0457	-0.2908	-0.2178	0.3266	-0.5122	0.5821	-0.4826
PY05865	-0.3535	-0.1815	0.1139	0.0067	-0.202	-0.3011	-0.168	-0.0123	-0.1654	-0.0004	0.3117	-0.1055
PY00222	-0.0071	0.1811	0.2441	-0.2408	-0.2079	-0.1946	0.2167	-0.4067	0.1643	-0.2743	-0.2721	0.4095
PY06769	1.0746	0.7618	0.8766	0.875	-0.3933	0.2111	0.6535	-0.098	0.2793	-0.061	-0.8954	0.5489
PY04051	0.4356	0.1406	0.0854	-0.3552	0.0564	0.0762	0.299	-0.1173	0.0649	-0.3521	-0.1935	0.2404
PY06118	-0.4214	-0.1899	-0.254	-0.7205	-0.317	-0.0907	-0.0195	-0.0775	-0.0457	-0.1636	-0.0525	-0.2903
PY03808	0.7896	0.5388	0.4979	-0.3753	-0.2553	0.0412	0.3749	-0.2095	0.2583	-0.3252	-0.5326	0.4471
PY03126	0.3461	0.1554	-0.0011	0.2712	-0.1059	-0.1287	-0.1002	-0.2804	-0.0305	-0.1057	-0.0043	-0.1258
PY02056	-1.6225	-0.2184	0.5756	-0.6424	-0.5123	-0.2564	0.0484	0.4399	0.7192	0.5802	0.7396	0.1169
PY04050	0.3152	0.3347	0.9022	0.2395	-0.1079	0.0342	0.8353	-0.0571	0.5409	0.4086	-0.0028	0.9061
PY01850	0.5581	0.3976	0.1876	1.3728	0.3889	0.283	0.4508	0.0942	0.0642	0.4726	-0.1217	0.5114
PY01898	-0.4236	-0.1812	0.1136	-0.1714	-0.1254	-0.5413	-0.31	-0.1591	-0.3112	0.1258	0.1589	-0.0859
PY06100	0.1178	-0.0858	0.3794	0.631	0.3102	0.0986	-0.1336	0.0936	-0.2606	0.1752	0.0429	-0.139
PY03930	0.901	0.1808	-0.142	0.9021	0.3693	0.1106	0.02	-0.2953	-0.3009	-0.0371	-0.5205	0.0234
PY03492	0.2032	0.6589	-0.0785	-0.1875	0.0429	0.0672	-0.062	0.0777	0.3517	0.2572	0.1987	1.1132
PY01817	0.2798	-0.0062	-0.101	0.4678	0.4982	0.3229	0.0456	0.2168	-0.1378	0.2147	0.2306	0.4026
PY05314	-0.1027	-0.0937	-0.2091	0.1982	0.3273	0.0915	-0.124	0.2609	0.0252	0.6741	0.0242	-0.0175
PY00190	-0.2414	-0.0138	0.2226	-0.7976	-0.1609	0.1151	0.2455	-0.0749	-0.0686	-0.1669	-0.3079	0.0567
PY01257	-0.1587	0.0652	0.1613	0.4806	0.3029	0.0625	-0.1535	0.1239	0.0115	-0.1656	0.6485	-0.1362
PY00068	-0.0907	0.0734	-0.1006	-0.3321	-0.243	-0.2149	-0.1427	-0.0082	-0.0927	0.1249	0.1043	-0.1132
PY00946	-1.3333	-0.3333	-0.1679	-0.5733	-0.1252	0.0476	-0.0956	0.1668	-0.1349	0.1023	0.3119	-0.5096
PY05109	-0.3857	0.2767	-0.2841	-0.1722	0.007	-0.0849	-0.1286	0.2038	-0.0437	0.2395	0.3303	-0.0646
PY01222	-0.2367	-0.0475	-0.0425	0.02	-0.0836	0.0949	-0.187	0.5364	0.0119	0.8164	0.2129	-0.0151
PY06078	0.1089	-0.1801	-0.2108	0.2944	0.09	-0.0425	-0.2516	0.1202	-0.0351	0.2661	-0.6868	-0.0864
PY02230	0.0205	-0.111	-0.1149	-0.1086	-0.0363	0.0154	-0.1704	-0.1426	-0.2749	-0.068	-0.1457	-0.1449
PY03485	0.6499	0.2418	0.1166	0.0044	0.3279	0.2865	0.002	-0.2924	-0.2482	-0.0223	-0.1987	0.0062
PY06500	0.1282	0.5137	0.0798	-0.035	0.45	0.0761	0.0113	0.3879	0.2012	-0.1289	0.3442	-0.4801
PY07143	-0.4599	0.6444	0.5641	0.6616	0.5106	0.4325	0.1873	-0.0483	0.0053	-0.0279	0.4333	-0.382
PY01220	-0.0323	-0.1034	0.1244	0.0917	1.1178	-0.0444	-0.0524	-0.4026	-0.3627	-0.2561	0.0384	0.0157
PY05167	-0.4064	-0.1001	0.2866	0.2503	-0.3211	-0.0752	0.4693	0.3377	0.6232	0.1384	0.404	0.5737

PY07310	0.0009	0.0499	0.053	-0.0463	0.0999	0.1453	0.0914	0.1019	0.2238	0.3614	-0.0674	0.7193
PY00024	-0.3762	0.1396	-0.1086	-0.5001	-0.2009	-0.1924	0.1124	0.2847	0.2562	0.0667	0.7302	-0.2884
PY05915	0.6451	0.3799	0.4397	-0.1604	0.1026	0.3154	0.4381	-0.0584	0.1345	-0.1477	-0.1973	0.5709
PY01992	0.2276	0.0739	0.1444	0.4833	0.055	0.1758	0.0677	-0.1363	0.0818	-0.6351	-0.3901	0.2275
PY00598	0.1583	0.3844	0.1174	0.196	0.0921	0.1736	0.26	-0.2138	0.1198	-0.1651	-0.5184	0.2064
PY03803	0.155	-0.1078	0.0878	-0.0481	0.2253	-0.0595	0.5757	0.1962	0.6548	0.1038	0.0319	0.9004
PY05534	0.0569	-0.083	-0.2631	-0.2892	0.0701	0.0219	-0.0418	-0.3679	-0.1109	-0.5364	-0.3657	-0.082
PY06251	0.2063	0.0615	0.0772	0.5841	0.3175	0.0569	-0.0786	-0.167	-0.1813	0.1608	-0.0664	0.1438
PY06633	-0.325	-0.2209	-0.3217	1.2387	0.5402	0.4401	-0.3662	0.652	0.0513	0.4949	1.0122	-0.1387
PY00059	-0.1686	-0.4763	-1.1395	0.1513	0.2796	-0.3174	-0.1761	-0.1526	0.0966	-0.3259	-0.3361	0.2928
PY02434	-1.1803	-0.3407	-0.3935	-0.2099	-0.4753	-0.2606	0.015	0.273	0.5217	0.0608	0.0182	-0.3078
PY06848	-0.9383	-0.2281	-0.3703	-0.2345	-0.249	-0.5591	-0.073	0.1581	-0.0485	0.2337	0.9246	-0.06
PY04469	-0.4534	-0.091	-0.357	-1.1189	-0.3162	-0.1778	0.2294	-0.0613	0.417	-0.5098	0.1531	0.0787
PY03951	-0.3374	0.085	0.4305	0.0927	-0.2316	0.1186	0.1519	-0.1509	-0.2101	0.0598	-0.1445	0.0902
PY03084	0.136	-0.1907	0.5972	0.0074	-0.1879	-0.0266	0.3803	-0.1791	-0.0134	-0.191	-0.4646	0.101
PY01505	0.1091	0.4297	0.4803	0.2452	-0.0811	0.549	0.3229	-0.3529	-0.295	-0.0743	-0.7096	-0.1503
PY00005	-0.3518	0.0109	-0.3689	-0.2349	-0.1557	-0.6137	-0.1496	0.1103	0.1029	0.3803	1.0563	-0.1114
PY07362	-0.0242	0.1946	0.3301	0.2631	-0.2075	-0.0507	-0.1546	-0.343	-0.054	-0.1384	-0.2607	-0.3404
PY05224	-0.2723	0.2016	-0.0522	-0.201	0.1385	0.2517	0.1309	-0.1541	-0.6053	-0.3023	-0.1117	-0.0332
PY04460	-0.5507	-0.2136	-0.1518	0.3202	-0.1418	0.092	-0.0597	0.5647	0.0647	0.365	-0.2274	-0.3839
PY00600	0.2275	0.1661	0.4049	0.0307	0.0554	-0.0419	0.0153	-0.1535	-0.1478	0.0474	-0.1422	0.2246
PY00971	-0.0202	-0.1418	-0.2473	-0.5297	0.0306	-0.2612	-0.4961	-0.2479	-0.1496	-0.2637	-0.0231	-0.0973
PY06579	-0.0454	-0.1108	-0.0372	-0.1657	0.023	-0.0871	-0.042	0.054	-0.0925	-0.1138	0.0248	-0.1167
PY02014	-1.3307	-0.281	-0.2862	-0.2032	-0.093	0.1298	0.3025	0.5241	0.7881	0.2271	0.7062	0.3408
PY01607	-0.7339	-0.0571	-0.3115	-0.3799	-0.4576	-0.5753	-0.0582	-0.2716	0.157	0.0557	-0.146	0.1989
PY02157	-0.2391	-0.1366	-0.105	-0.2151	0.2129	0.0696	0.1701	0.1694	0.119	-0.1111	0.053	0.0497
PY07478	0.2849	0.1193	-0.1839	0.5989	0.2383	-0.0357	-0.2021	0.2702	0.0057	0.5935	-0.2878	-0.0183
PY00240	0.3885	-0.1396	-0.0175	0.5823	0.323	-0.0458	-0.0684	-0.1666	-0.5584	0.0612	-0.1506	-0.1364
PY03536	0.77	0.2864	0.0214	0.1006	0.1027	-0.0823	-0.0936	-0.3135	-0.1756	-0.0441	-0.3138	0.4599
PY00063	-0.1787	-0.0027	-0.266	0.5474	0.0455	-0.1947	0.0197	0.1437	-0.4413	0.0696	-0.1354	0.1305
PY01733	-0.0136	0.3119	0.4042	0.2803	0.0624	0.2006	0.062	-0.1732	-0.2911	0.0326	-0.3291	-0.0747
PY01803	-0.182	-0.0545	-0.2351	-1.2946	-0.4828	0.125	-0.1362	-0.1828	0.0961	-0.8669	-0.1642	0.0422
PY00618	0.7544	0.4955	0.38	0.2306	-0.1981	-0.027	-0.1001	-0.2763	0.0849	-0.1058	-0.6966	0.0543
PY03883	0.1185	0.1077	0.1355	-0.2484	0.0759	-0.1341	0.0722	-0.0216	-0.0786	-0.4847	-0.1892	0.1094
PY07325	0.2048	-0.0523	-0.1583	0.5733	0.2378	-0.1486	-0.0706	0.0205	-0.1568	0.1598	0.2894	-0.2411
PY04558	-0.0062	-0.1579	-0.111	0.0961	0.1971	-0.1248	-0.0627	0.0241	0.0909	-0.1785	0.0833	0.182
PY02348	0.2474	0.2307	0.0566	-0.3048	0.0165	0.2139	0.0731	-0.1296	-0.1334	-0.1081	-0.2748	0.0862
PY01709	0.2011	-0.2791	-0.0388	-0.1513	0.1296	0.1568	0.2687	-0.007	0.1624	0.4781	0.1297	0.2955
PY03021	0.4151	0.5016	0.568	0.1456	-0.0184	-0.1115	0.0597	-0.124	0.2074	-0.3053	-0.1977	0.2408
PY06456	0.2174	0.124	0.0434	0.1388	0.041	0.2979	0.1226	0.0203	0.0719	0.2239	-0.3284	0.3848
PY03254	-0.2687	-0.059	-0.1986	0.3756	-0.0974	-0.0156	-0.0949	0.1922	-0.2907	0.5445	0.0394	-0.3971
PY06190	-0.0967	-0.6416	-0.2198	0.2572	-0.3411	-0.032	0.1075	0.1645	0.3026	0.7802	0.2711	0.5267
PY06483	0.6873	0.6192	0.4414	-0.1743	-0.0926	0.2357	0.2062	-0.1495	0.1751	-0.1334	-0.1915	0.1253
PY07162	0.2239	0.0625	0.3248	-0.3739	-0.1633	-0.4238	0.0205	-0.1889	0.3	0.0257	-0.2579	0.2153
PY06994	0.8122	0.2043	-0.0276	0.1499	-0.1718	-0.0063	0.1863	-0.3274	0.2072	-0.1359	-0.4266	0.3828
PY05250	-0.9665	-0.5658	-0.0564	0.2087	-0.6888	-0.4056	-0.3117	-0.2557	0.0151	0.0853	0.5496	0.0924
PY00344	0.148	0.1524	0.1919	0.195	0.283	-0.2206	-0.1697	-0.2884	-0.3224	0.2414	-0.027	-0.0165
PY03270	-0.2873	-0.0252	-0.2624	-0.3385	-0.2331	-0.2287	-0.0963	0.0152	0	-0.2252	-0.3178	-0.5467
PY06873	-0.3524	-0.256	0.0851	0.4144	0.1611	-0.3006	-0.3017	-0.0967	-0.0541	0.5803	0.6885	-0.0042
PY03307	0.008	-0.0413	0.1249	-0.1567	-0.1461	-0.0158	0.0592	-0.0986	-0.0295	-0.2945	0.1443	-0.0862
PY04508	0.2766	-0.2061	0.1218	-0.7476	-0.0217	-0.1428	0.1737	-0.2351	0.1726	-0.0351	-0.1162	0.5318
PY04094	0.688	0.0065	-0.4209	0.3213	-0.0937	-0.2192	-0.2041	-0.2766	-0.2231	0.0905	-0.3619	0.0216
PY01808	-0.027	-0.2945	-0.3023	-0.3605	-0.2307	-0.2475	0.2287	0.0119	0.0702	-0.1363	-0.236	0.1531
PY04506	-0.1551	0.0211	0.4761	0.2051	0.1088	-0.4971	-0.3154	-0.1967	0.1366	-0.0206	1.3923	-0.1265
PY00907	0.4606	0.1034	0.1759	-0.0144	0.8383	0.029	0.012	-0.5372	-0.2952	-0.7127	-0.4954	-0.5069
PY02996	0.1087	-0.1397	-0.1761	0.1055	0.2545	0.0714	-0.0729	0.0803	-0.0171	0.1266	-0.0109	-0.2651
PY05938	-0.1164	-0.1353	-0.0985	0.0317	0.2602	-0.0595	-0.1328	-0.2647	-0.1346	0.2627	0.3703	0.0684
PY00981	0.2778	0.0831	0.2194	0.0419	0.154	-0.1269	0.4475	-0.0835	-0.1626	0.4926	0.0366	0.5495
PY06543	1.032	0.8315	0.4271	-0.0603	0.1022	0.1232	0.2872	-0.0227	0.2618	-0.0365	-0.1709	0.058
PY03354	0.5216	0.2386	0.5078	0.2253	-0.1939	0.0312	0.4094	-0.1845	0.1538	-0.1361	-0.4196	0.2831
PY05380	0.0302	-0.2106	-0.3953	0.1363	0.4347	0.1657	0.1405	-0.2089	-0.1869	0.2404	-0.2686	0.1742
PY01573	1.0439	0.3125	0.5427	0.4367	0.236	0.1156	0.166	-0.1862	-0.0215	-0.0957	-0.3862	0.1942
PY06109	0.0743	0.0567	0.053	0.5294	-0.2509	0.0266	0.0283	0.215	0.1642	-1.1595	-0.3478	-0.1076

PY02884	-0.1388	-0.0598	0.0616	-0.0887	-0.0096	0.1799	-0.1006	0.0221	-0.291	-0.2736	-0.2745	-0.1696
PY01776	-0.0405	-0.0809	-0.21	-0.2206	0.149	-0.0384	0.146	-0.0361	-0.0243	-0.4454	-0.0656	-0.0085
PY02492	-0.6876	-0.1397	-0.1366	0.1758	-0.1219	-0.2748	-0.216	0.1627	0.2538	0.263	0.7021	-0.1372
PY04953	-0.4458	-0.9322	-0.1897	0.6479	0.2297	0.067	0.1635	0.3565	0.0589	0.7362	0.0774	-0.0819
PY02751	-0.5962	-0.2815	-0.3459	0.3731	0.2291	0.0256	-0.0615	0.0014	-0.1037	0.0402	0.1961	0.1672
PY01851	-0.3091	-0.004	-0.0077	0.0738	-0.0941	0.1963	0.1422	0.1577	-0.0345	-0.1189	0.1664	0.1919
PY01893	0.0252	-0.1547	-0.0046	0.1329	0.6023	0.2637	-0.1789	0.0687	-0.1259	0.0835	0.2038	-0.0651
PY01399	-0.2666	-0.2288	0.0602	-0.0846	0.0765	-0.1196	-0.3043	0.0535	-0.1651	0.2171	0.1251	-0.3561
PY00277	0.2367	0.0799	-0.0544	-0.16	0.1297	-0.2704	-0.019	-0.0851	0.1008	-0.1495	-0.3334	0.0587
PY01718	-0.5857	-0.4008	-0.2739	-0.1106	0.1407	0.0083	-0.1008	-0.1639	-0.2254	0.3612	0.1845	-0.008
PY00131	0.7526	0.3417	0.9876	0.5587	-0.0951	-0.1784	0.12	-0.5837	0.0055	-0.2684	-0.6686	0.2609
PY04595	-0.7697	-0.7938	-0.9167	0.093	1.3403	0.1452	-0.0313	0.1469	-0.2514	0.0599	-0.1191	-0.4695
PY03667	0.0305	-0.0105	0.031	0.1708	-0.2007	-0.0596	-0.0149	-0.0818	0.0319	-0.1725	-0.0908	0.139
PY00862	0.0493	0.0044	-0.0669	0.1509	0.5329	0.2538	0.2751	0.134	0.4132	0.0552	0.2276	0.1311
PY04612	0.0491	-0.2977	-0.1536	-0.037	0.5046	0.4019	-0.0386	-0.014	-0.1503	0.2975	-0.2312	0.2029
PY00135	-0.9204	-0.2133	-0.0387	-0.6394	-0.4386	-0.4982	-0.3269	0.0312	-0.1317	0.0629	0.4233	-0.0739
PY07833	-0.865	-0.2481	0.0582	0.0081	-0.2548	0.0158	-0.1539	0.2966	-0.0432	-0.1915	0.3016	-0.372
PY02435	0.1712	0.1263	-0.1971	0.4511	0.4995	0.0375	0.0593	-0.0753	-0.0557	-0.0336	-0.3513	0.2142
PY04340	-0.0846	-0.346	-0.1757	0.5089	0.6691	0.4315	-0.0216	-0.0255	-0.1716	0.4643	0.1353	0.3915
PY01165	0.0392	0.1027	0.1713	-0.5102	-0.2628	-0.2127	0.0045	-0.0731	0.1685	-0.5104	0.0228	0.0578
PY00025	0.0071	-0.0543	-0.1261	0.8188	0.2711	0.5028	0.1728	-0.0162	-0.0903	0.1301	0.0587	-0.1952
PY00915	-0.0963	-0.2711	-0.1634	0.394	0.5919	-0.0905	-0.2004	0.0504	0.0036	0.184	0.0304	-0.4804
PY03313	-0.2247	-0.1529	0.0056	0.2204	0.0889	-0.0703	-0.086	-0.1472	-0.0675	0.1366	0.0282	0.0141
PY02518	-0.0165	0.0222	-0.0071	0.1657	0.0005	-0.0965	-0.1111	0.3096	0.4006	0.0826	0.1649	-0.1583
PY07276	0.1886	0.1672	-0.0796	0.0479	0.0486	-0.3033	-0.1632	-0.5788	-0.3817	-0.54	-0.4523	-0.2599
PY07169	-0.0773	0.0531	-0.0487	2.2868	1.0884	0.979	0.2093	1.2285	0.1509	0.7781	1.4881	-0.0457
PY01093	0.474	0.2609	0.2162	0.1705	0.0341	0.1685	0.0836	-0.1926	-0.132	0.1022	-0.1456	-0.0016
PY07142	0.3885	0.1707	-0.0549	0.5268	0.1385	0.1309	-0.0234	-0.3921	-0.1548	-0.0674	-0.4509	-0.1509
PY07206	0.7495	0.0907	-0.0158	0.2146	0.1238	0.1485	0.1449	-0.0674	0.142	-0.0965	-0.1033	0.3209
PY06554	-0.2809	-0.1596	-0.0304	0.108	0.0231	-0.0714	0.0847	0.086	0.2338	0.3395	0.3591	0.2304
PY03640	0.0454	-0.0373	0.1905	0.4538	0.1534	-0.07	-0.0562	-0.0068	-0.2331	-0.2425	0.2643	0.034
PY05528	-0.379	-0.032	-0.0813	-0.0754	0.2119	-0.1179	0.2387	0.1995	0.3388	-0.0622	0.4185	0.3723
PY01392	-0.2227	-0.5068	-1.2916	0.7222	0.657	0.1115	-0.2126	0.2993	0.0809	0.4314	0.0274	0.1853
PY05768	0.1743	0.0205	0.1218	-0.2219	-0.1545	-0.0715	0.1148	-0.3598	-0.0014	-0.6577	-0.2028	0.1503
PY05749	0.1609	0.1615	0.1183	-0.3989	-0.1668	-0.1293	-0.1867	-0.1318	-0.0699	-0.1045	-0.3006	-0.1354
PY05852	0.2445	0.0804	0.3668	-0.0065	-0.0124	-0.0469	0.0235	-0.0365	0.1008	0.2336	-0.1812	0.102
PY03049	-0.5222	-0.1777	0.019	0.0614	0.0541	-0.1989	-0.3361	-0.0075	0.0116	0.2598	0.2799	0.0617
PY01124	-0.6855	-0.3248	-0.3711	-1.0128	-0.4185	0.0643	0.1501	0.4325	0.4236	0.2608	0.976	0.1037
PY03424	0.0131	-0.0496	-0.2386	0.2968	0.3862	0.0086	-0.0254	0.2331	-0.0601	0.2532	0.4163	-0.0506
PY06206	0.5288	0.4607	0.4187	0.0832	-0.7458	-0.1793	0.2292	-0.241	0.2889	-0.4116	-0.3902	0.3421
PY00274	-0.7242	-0.1699	-0.0315	0.3184	-0.1142	-0.1121	-0.0177	0.3581	-0.1764	0.2193	0.3274	-0.6139
PY04724	0.0811	0.1316	-0.0144	-0.5738	-0.4033	-0.1588	-0.0636	0.044	0.2551	-0.0737	0.0592	0.1727
PY01768	0.1427	-0.0827	-0.2892	-0.1568	0.1564	-0.0184	-0.0791	0.1807	0.2088	0.0112	0.3433	-0.0797
PY04698	0.5206	0.3304	-0.4067	0.3703	0.4148	0.1766	0.0438	0.119	-0.9655	0.4118	0.0045	-0.4477
PY02638	-0.1386	-0.4317	-0.3378	-0.3045	0.0873	-0.3943	-0.4152	-0.3433	-0.3078	-0.1464	0.018	-0.3351
PY05602	-0.5707	-0.0428	0.1911	0.0024	-0.0103	0.2991	0.305	0.2702	0.5079	0.1801	0.2522	0.0086
PY05430	-0.6511	-0.1663	0.0903	0.0126	0.0707	-0.2402	-0.3774	-0.3689	-0.1045	-0.7437	-0.5733	-0.5119
PY01536	-0.5013	-0.3395	-0.379	-0.594	-0.0646	0.0098	0.1295	0.115	-0.1258	-0.44	-0.0328	-0.1311
PY04609	0.3556	-0.0651	0.1497	0.3696	0.4245	-0.0035	0.0146	0.1974	-0.1343	0.49	0.3029	-0.2132
PY05448	-0.3172	-0.0608	-0.1624	-0.108	-0.1601	0.009	-0.0613	-0.1643	0.3235	0.2098	-0.1105	0.2154
PY06625	0.8203	0.6499	0.6292	-0.0467	-0.4925	0.186	0.4293	-0.2842	0.2696	-0.2888	-0.4047	0.3787
PY06614	-0.7389	-0.0609	-0.1158	-0.2813	0.2471	0.1558	-0.0438	0.0611	-0.0497	0.1265	0.3959	0.0637
PY05089	0.2307	-0.1002	0.0291	-0.4204	0.0898	-0.3959	0.3224	-0.2633	-0.5015	-0.2149	0.9251	0.0875
PY05624	0.3044	-0.128	-0.1036	-0.2437	-0.0625	0.0491	-0.0262	0.0194	-0.0343	-0.2167	1.8734	-0.2887
PY07370	0.6352	0.4752	0.5668	0.1292	0.2529	-0.0264	-0.1886	-0.1607	-0.0815	-0.0472	-0.6902	-0.2579
PY04344	0.3367	0.2623	0.4276	-0.0373	-0.0537	0.0123	-0.1756	-0.3579	-0.2561	-0.2643	-0.3754	-0.2519
PY06668	-1.2171	-0.5244	-0.2953	-0.4393	-0.282	-0.2948	-0.0467	0.404	0.4048	0.0417	0.202	-0.159
PY00178	-0.1981	0.0809	0.2114	0.1793	-0.301	-0.2856	0.1549	-0.0541	0.1069	-0.3779	-0.1333	0.2148
PY03038	-0.2207	-0.5908	-0.3255	0.1022	0.5694	0.0381	0.0804	-0.3088	-0.1496	-0.2158	0.2542	0.2888
PY04526	-0.172	-0.0042	-0.5545	0.0545	0.3279	-0.2201	-0.4602	0.2122	-0.2435	0.0361	0.0094	-0.1674
PY05452	-1.2449	-0.1821	0.2694	-0.3101	-0.0485	-0.584	-0.406	-0.012	0.3798	0.1799	0.2441	-0.3021
PY06340	0.3739	0.2194	0.1628	0.1235	-0.0476	0.0869	0.0365	0.0339	0.0073	-1.243	-0.1523	-0.1854
PY06142	0.0833	0.0103	0.191	-0.6918	-0.0306	0.2963	0.0903	-0.4311	-0.1787	-0.5023	-0.2155	0.0252

PY05001	0.575	0.5694	0.4591	0.3389	0.0456	0.371	0.1538	-0.2906	-0.1334	-0.4148	-0.8712	-0.0509
PY07066	-0.2065	-0.1825	-0.2549	-0.3255	-0.4764	-0.1779	0.0023	0.0451	0.0945	0.2882	0.1657	0.2963
PY03766	-0.705	0.2057	0.356	-0.688	-0.3661	0.012	0.4204	-0.4784	0.3682	-0.3986	0.3478	-0.4822
PY01221	-0.1359	-0.0888	-0.8814	0.1242	0.4904	0.0421	-0.2509	0.0392	-0.1788	-0.1646	0.2047	-0.045
PY00582	0.5377	0.3879	0.5011	0.3624	0.0395	0.1971	0.0526	-0.0868	-0.0786	0.1025	-0.3843	-0.0106
PY07230	-0.0322	0.0021	0.0766	-0.1566	-0.0516	-0.1964	0.0453	-0.0708	0.0402	-0.1564	-0.0921	0.0188
PY04363	1.4731	0.8385	0.9051	0.1934	-0.1297	0.4069	1.2066	-0.0604	0.3542	0.1432	-0.4171	0.8127
PY00289	-0.607	-0.3198	-0.7144	-0.3403	-0.2871	0.0899	0.2242	-0.142	-0.0348	0.1131	1.5026	-0.1212
PY07840	-0.7151	-0.2013	-0.3054	-0.008	-0.3633	-0.3108	-0.4051	0.2005	-0.0511	0.0121	0.5989	-0.1963
PY03271	0.2862	-0.2499	-0.5017	-0.2077	-0.1081	-0.242	-0.0417	-0.0605	-0.3	-0.102	-0.1872	0.2032
PY06971	0.4245	0.2929	0.3144	-0.2743	-0.5885	0.039	0.1018	-0.1	0.1275	-0.1362	-0.2298	0.1851
PY02274	0.6217	0.0377	-0.0074	-0.2242	0.0256	0.0723	0.0547	-0.0129	0.0795	-0.0887	0.1083	0.2427
PY07349	1.1672	0.7608	0.4498	-0.1485	-0.5409	0.0654	0.2775	-0.0789	0.2802	-0.0438	-0.6189	0.1182
PY01972	-0.3047	-0.189	-0.1254	-0.6266	-0.2284	-0.874	-0.4371	-0.6272	0.0781	-0.5222	0.2136	-0.2093
PY02216	-0.5274	-0.1691	0.1115	-0.5742	-0.1372	-0.3776	-0.3487	-0.4297	-0.3804	-0.5736	-0.2418	-0.554
PY02778	-0.0376	-0.25	-0.5095	-0.1428	-0.0142	-0.4095	-0.2437	-0.3067	-0.382	-0.2862	0.0395	0.0309
PY05021	0.1431	-0.1828	-0.0534	-0.0951	0.3887	0.0497	0.2179	-0.3567	-0.5041	-0.5145	-0.227	-0.7802
PY05458	-0.2678	0.2352	0.3081	-0.0197	0.4155	-0.1644	-0.0832	-0.0762	0.0535	-0.1025	0.5126	-0.0101
PY04272	-0.7077	-0.098	-0.5121	-0.1766	0.6151	0.1957	-0.0981	0.0798	-0.0729	0.1814	-0.0994	-0.2132
PY00823	0.5732	0.1839	0.2311	0.4048	0.333	0.0762	0.0173	-0.1215	0.3619	0.407	-0.2123	-0.2983
PY02799	0.2667	0.104	-0.5498	0.5452	0.4011	-0.1224	-0.3694	-0.1331	-0.6515	-0.7172	0.0059	0.3928
PY04266	0.3676	0.1362	0.0785	-1.008	-0.4009	-0.1777	0.0479	-0.133	-0.0642	-0.8901	-0.2838	-0.179
PY03796	-0.6321	-0.0227	0.1753	-0.2106	0.0315	-0.0717	-0.0712	0.2464	0.3201	0.0318	0.6315	0.0639
PY00404	-0.9993	-0.0286	0.1664	-0.2981	-0.4639	-0.098	-0.044	0.028	-0.1591	-0.0497	0.5861	-0.4018
PY06654	-0.4519	-0.287	-0.2265	0.2203	-0.0287	-0.1927	-0.1847	-0.0793	-0.214	-0.2452	0.2901	0.0744
PY04714	0.2473	-0.2571	-0.553	-0.2453	0.2389	-0.3259	-0.454	0.0737	-0.2023	-0.1128	-0.0493	-0.2482
PY01500	-0.4821	-0.4344	0.0065	0.2408	0.4024	0.5011	0.2868	0.0434	-0.0839	0.5328	-0.0903	0.4105
PY01982	-0.2277	-0.8096	-0.3145	0.853	0.7181	0.6815	-0.812	0.7666	-0.2247	2.4793	0.8766	-0.0702
PY01245	0.1603	-0.5307	-0.7307	0.2494	0.5335	-0.1238	-0.2027	-0.1456	0.0371	0.239	-0.3344	-0.0084
PY00169	0.0079	0.3956	0.4625	0.3029	-0.8063	-0.2019	-0.0947	0.0094	0.2389	0.4658	0.1319	0.1931
PY06026	-0.34	0.1129	-0.123	0.0331	0.0171	0.2985	0.1346	0.5506	0.1923	-0.0622	-0.4793	-0.4999
PY00255	-0.2531	-0.2147	-0.2552	-0.2861	-0.0405	-0.0915	-0.0965	0.1539	-0.1575	-0.0157	0.046	0.0334
PY07444	-0.2873	-0.1158	-0.02	0.7699	0.1005	-0.1472	-0.2026	0.3512	0.2723	0.5298	0.3908	-0.0225
PY02021	-0.0925	-0.2875	-0.2592	-0.11	0.2777	0.2001	-0.0536	-0.1356	-0.3616	-0.0511	0.0164	-0.329
PY06371	0.0702	0.0214	-0.283	0.2536	0.4937	0.5463	0.2073	-0.0617	0.1877	0.8219	0.0234	0.1522
PY02864	-0.6127	0.0835	0.1358	-0.1255	-0.3798	-0.1184	0.0831	0.4424	0.2469	-0.1633	0.3101	-0.3539
PY00386	0.0259	0.0928	0.3058	-0.0307	0.0072	0.352	0.3981	-0.2079	0.3004	0.0115	-0.0575	0.1348
PY05462	-0.0192	0.01	-0.2457	0.3427	-0.0924	-0.1068	-0.3368	0.2052	-0.4077	0.3056	0.3939	-0.0604
PY00901	-0.6177	-0.1964	-0.2686	0.2993	0.1802	-0.1176	-0.0867	-0.0301	-0.0155	-0.2516	0.0587	0.0131
PY03863	-0.1179	-0.354	-0.5868	-0.0089	-0.0439	-0.1116	-0.1041	0.0364	-0.1879	-0.1778	0.0425	0.0777
PY00756	-0.3677	0.0527	0.1105	0.568	-0.2034	0.2523	-0.1521	0.1118	-0.1158	-0.4456	-0.1549	-0.1229
PY04710	0.1256	-0.1126	-0.1281	-0.398	0.0804	-0.3306	-0.1244	-0.0948	0.0651	0.1626	0.025	0.0175
PY02814	0.899	0.5603	0.6728	0.2575	0.7297	0.2022	0.1571	-0.0904	-0.1106	0.1285	0.0877	-0.001
PY01421	-0.7296	-0.1392	-0.0056	0.0318	0.2205	0.0108	-0.0908	0.3678	0.1337	0.4467	0.599	-0.154
PY02324	0.0482	0.116	0.1485	0.0248	-0.3132	-0.0977	-0.0341	-0.0141	-0.4886	-0.2625	0.0411	-0.3078
PY05367	-1.1807	-0.6842	-0.4953	-0.0243	0.418	0.2228	-0.0847	0.0182	-0.2312	0.0697	0.1482	-0.1263
PY01745	-0.5008	-0.0596	0.0426	-0.1368	0.2277	-0.0947	-0.2066	-0.2313	-0.2014	-0.0626	-0.1165	-0.3042
PY00724	0.1825	-0.1451	-0.082	0.5632	0.1719	0.4035	-0.1361	-0.124	-0.3064	0.2059	-0.1188	-0.0443
PY03563	-1.1934	-0.6421	-0.3063	0.5882	0.0628	-0.3419	-0.269	0.0597	0.0146	0.0414	0.8042	0.3944
PY02253	0.064	0.251	0.2213	0.3042	-0.1002	0.0957	-0.1276	0.2042	0.124	0.1973	0.2016	-0.1146
PY01387	-0.0721	-0.1455	-0.389	-0.8248	-0.2186	-0.5801	-0.225	-0.841	-0.4572	-0.7607	-0.5451	-0.4151
PY00398	0.2911	0.0181	0.2518	-0.4288	0.1156	0.1243	0.0111	-0.425	-0.3959	-0.4254	-0.4066	0.0164
PY00864	-1.0594	-0.3023	-0.063	-0.6334	-0.179	-0.0275	-0.0647	0.1914	-0.083	-0.0337	0.5522	0.0574
PY02098	-0.5521	-0.2988	0.0793	0.0229	0.6061	0.3875	0.0617	0.1142	0.0012	-0.0364	0.5557	-0.4797
PY01989	0.489	0.2298	0.3746	-0.0119	-0.0127	0.0015	0.0797	-0.4063	-0.1649	-0.3124	-0.6064	-0.0119
PY00188	0.3239	0.1902	-0.3165	1.0727	0.3772	-0.008	-0.1925	-0.5158	-0.0355	-0.4472	-0.3434	-0.5588
PY03028	-0.6155	-0.2645	-0.0238	-0.5779	-0.3449	0.1395	0.2164	-0.0614	0.2522	-0.1255	-0.2993	0.0495
PY03676	0.1491	0.128	0.2274	-0.7213	-0.3879	-0.5718	-0.3014	-0.4813	-0.3075	-0.3701	-0.3369	-0.3864
PY00512	0.4004	-0.0322	-0.2465	0.2695	0.4189	-0.0908	-0.0974	0.0243	-0.2665	0.6561	0.2427	0.0434
PY05176	0.4774	0.1635	0.2292	0.148	0.1005	-0.0462	0.0598	-0.0271	-0.0105	-0.5656	-0.1271	0.0367
PY00765	-0.4484	-0.0346	0.351	0.4644	0.1323	0.1364	0.3198	0.1986	0.3122	0.3052	0.0997	0.0556
PY04691	0.3485	0.1424	0.3731	-1.0205	-0.2796	0.586	0.6606	-0.2422	0.3385	-0.5481	-0.3284	0.2061
PY04493	0.2788	0.1385	0.3529	-0.4648	-0.3022	-0.3092	0.0384	-0.5175	0.132	-0.7566	-0.2386	0.0919

PY07455	-0.6519	-0.1563	0.0559	0.1729	0.1312	0.3109	0.0673	0.2676	0.1631	0.0493	0.3174	-0.5691
PY03138	0.5422	0.7779	0.7177	0.345	-0.5341	0.0567	0.4742	-0.2294	0.1927	0.0686	-0.4304	0.1116
PY00210	0.6783	0.0847	-0.116	0.7275	0.166	0.0768	0.036	-0.0948	-0.0374	0.3389	-0.4016	0.1143
PY00415	-0.7411	-0.9739	-0.5445	0.6578	0.108	0.1361	-0.0786	0.4955	-0.0611	0.4994	0.0444	-0.2586
PY06692	-0.3922	-0.1354	0.1833	-0.5829	-0.3522	-0.1091	0.2644	0.0377	0.3658	0.1702	0.1086	0.3064
PY05693	-0.4754	-0.025	0.1299	0.3456	0.039	0.1117	0.0929	-0.1149	0.0021	0.1634	-0.1103	0.1831
PY07334	-0.1432	-0.081	-0.2584	0.1905	-0.4258	-0.0118	-0.1469	-0.0514	-0.0362	-0.0533	-0.2086	0.0015
PY04902	0.639	0.2118	0.4118	0.4228	0.1764	0.0443	0.0816	0.1173	-0.0066	0.3826	0.0344	0.1505
PY05738	-0.036	0.079	0.2923	-0.2978	-0.3249	0.1107	0.3215	0.2441	0.6299	-0.0975	-0.1641	0.0964
PY06111	-0.2699	0.0455	0.1536	0.2833	0.6998	0.2297	0.0109	-0.1507	-0.2622	-0.176	-0.3057	-0.3857
PY01648	0.0241	-0.1488	-0.6651	0.7684	0.9556	0.2801	-0.2231	0.1774	-0.2599	0.3852	0.5224	0.2116
PY04775	-0.5474	-0.2381	-0.5111	-0.0685	-0.0024	-0.0952	-0.1662	0.3324	0.0749	0.0998	0.1512	0.0294
PY04781	0.7176	0.3353	-0.1359	0.7984	0.7343	0.223	-0.1004	-0.0787	-0.094	0.5069	0.3364	-0.1
PY03281	-0.2388	-0.1469	-0.6871	0.0446	0.2655	0.0315	0.0397	0.1296	-0.4481	-0.0346	0.0403	-0.2992
PY03754	1.0047	0.6582	0.9345	0.2046	-0.3009	0.3448	0.8242	-0.2724	0.2909	-0.0859	-0.7182	0.5172
PY04076	-1.2758	-0.4456	-0.1652	-0.2616	0.6893	0.334	0.0228	0.2324	-0.0602	0.1487	0.5836	-0.1649
PY01335	0.4991	0.0089	-0.4137	0.0637	0.4161	-0.0436	0.0294	0.0336	-0.3038	-0.0923	0.0526	-0.1997
PY07453	-0.2906	-0.0935	-0.1661	0.4736	0.398	-0.0234	-0.1194	0.2833	-0.025	0.3488	0.613	0.1953
PY04405	-0.4418	0.0486	-0.2233	1.9081	0.9799	1.1267	-0.125	0.7958	0.1346	1.3617	1.1215	-0.1833
PY04324	0.672	0.4361	0.2315	0.1371	-0.2938	-0.2109	0.0256	-0.2968	0.1814	-0.2038	-0.3919	0.3054
PY06521	0.2285	-0.0513	0.0304	0.5119	0.8257	0.2766	-0.2147	-0.2822	-0.506	-0.1761	-0.2642	-0.3191
PY02966	-0.0812	0.0746	0.5146	0.3111	-0.0043	0.0527	0.2983	0.0648	0.1794	0.2473	0.0311	0.3864
PY06531	-1.0038	-0.7014	-0.2694	-0.8968	-0.1987	0.2269	0.1613	0.4735	0.4286	0.0462	0.1536	0.1061
PY02903	-0.3673	0.0433	0.0544	-0.2116	-0.2334	-0.0057	-0.1267	-0.3795	-0.0182	-1.0008	-0.0552	-0.2948
PY07613	1.5055	-0.3231	-0.1778	-0.1469	1.0255	-0.2171	0.0123	-0.5339	-0.6977	0.1726	-0.2046	0.2477
PY04927	-0.8034	-0.3451	-0.6116	-0.3832	-0.5856	-0.0625	0.4894	0.6339	0.5392	0.7778	0.7226	0.6775
PY02373	-0.1987	0.118	0.2278	0.0213	-0.1693	0.1386	0.2186	0.1247	0.1457	0.2202	-0.0763	0.2218
PY02789	0.2268	0.252	0.1783	-0.5137	-0.2032	0.2088	0.3966	-0.0507	0.0711	-0.3762	0.0625	0.162
PY03206	-0.7253	-0.0467	0.0384	-0.3827	-0.0433	0.4538	0.2819	0.0346	-0.0817	-0.6959	-0.0245	-0.3298
PY06349	0.0928	0.1435	0.2001	0.0535	-0.141	-0.2045	-0.1695	-0.2519	-0.0814	-0.1061	-0.116	0.0099
PY03737	-1.0043	-0.6468	-0.3161	-0.4845	-0.4302	-0.661	-0.4697	0.2111	-0.1907	0.4098	0.5433	0.0905
PY05034	0.242	0.0605	0.3403	1.4169	-0.2982	0.2604	0.5503	0.0747	0.2505	0.0411	-0.0058	0.625
PY03237	0.1803	0.2303	-0.0089	0.675	0.0905	-0.003	0.1434	0.3863	0.1731	0.2784	-0.0072	0.2472
PY03368	0.2284	-0.1541	0.2919	0.148	0.5254	0.0412	-0.1866	-0.2945	0.1676	0.2485	0.3587	0.248
PY01350	-0.0689	-0.1788	-0.2486	-0.5307	-0.1654	-0.0253	-0.1823	0.0479	0.4654	-0.1416	0.1508	-0.0391
PY05681	0.2605	0.0645	0.0271	0.0198	0.2793	0.1164	-0.1594	-0.0246	0.1549	-0.1819	-0.0782	-0.2383
PY03894	0.6522	0.644	0.4117	0.2998	-0.382	-0.0695	0.1233	0.0042	0.2823	-0.2183	0.2682	0.2038
PY03606	-0.5614	-0.1052	-0.0627	-0.1042	-0.1549	-0.4449	-0.217	0.3463	0.0583	0.2321	0.4576	0.0308
PY02846	0.3764	-0.0867	-0.6909	-0.0301	0.0451	-0.2528	-0.1962	-0.0358	-0.3957	-0.0666	-0.2449	-0.0602
PY01067	-0.1988	0.0577	-0.122	0.4859	0.2822	-0.1019	-0.1455	0.498	0.1619	0.5717	0.614	0.1488
PY06778	-0.2403	-0.269	-0.4044	-0.2175	-0.0781	-0.3158	-0.2594	-0.0879	-0.2779	-0.0058	0.0344	-0.0453
PY02855	0.6986	0.4938	0.6565	-0.0637	-0.1662	0.1418	0.3842	-0.3127	-0.1772	-0.8498	-0.7488	0.0931
PY05402	0.9431	0.5713	0.5692	0.1293	-0.2677	0.0706	0.0856	-0.5465	-0.0025	-0.4674	-1.0159	-0.0991
PY02422	-0.8417	-0.4101	-0.1323	-0.7028	-0.0928	0.0589	-0.1507	0.1388	-0.0132	-0.181	0.344	-0.3041
PY00156	0.2636	0.5212	0.6903	-0.2176	-0.2445	0.0081	0.1973	-0.1345	-0.3279	0.0896	-0.1973	0.0342
PY03184	0.4478	0.2969	0.5343	0.0395	-0.5354	-0.2808	0.3612	0.2388	0.7318	0.0649	-0.1855	0.022
PY00524	0.3128	0.0758	-0.0932	0.2625	0.4314	0.3526	0.0429	0.1113	-0.2171	0.3135	0.1805	-0.2958
PY03594	-0.3905	0.068	0.522	0.6497	-0.1296	0.0364	0.5377	0.5224	0.7188	0.4947	0.3597	0.5378
PY00609	-0.5773	-0.003	-0.0603	0.5171	-0.2615	-0.1174	-0.1367	0.2583	0.3504	-0.3878	0.1647	0.5491
PY01026	0.3352	0.1109	-0.0835	0.0144	-0.3031	0.1407	0.2609	0.3425	0.3068	0.4656	0.5847	0.3164
PY04876	-0.103	-0.0417	0.066	-0.0605	-0.4142	-0.231	-0.2127	-0.171	0.108	-0.5947	-0.3394	-0.2469
PY05474	-0.6943	-0.4152	-0.7176	0.6546	0.4385	-0.061	-0.31	0.0473	0.0334	0.8613	0.7389	0.3646
PY03551	-0.0832	-0.1565	-0.2784	0.1053	0.8135	0.2598	-0.3247	0.1421	0.2384	0.3327	-0.0746	0.4854
PY01108	0.5964	0.1803	-0.0691	0.4074	0.1206	-0.0469	-0.1506	-0.2047	-0.2398	-0.4127	-0.2519	-0.094
PY02525	-0.7625	-0.1683	0.012	-0.0268	0.299	0.105	-0.1543	-0.2394	-0.0284	0.1048	0.4188	-0.1719
PY01368	-0.2547	-0.1507	0.1644	0.8245	0.2521	0.1417	0.1112	0.5948	-0.1601	0.3015	0.2858	-0.1901
PY02061	-0.5799	-0.5075	-0.5535	1.8409	0.5984	0.0247	0.0071	0.3806	-0.0302	0.1373	0.4965	0.1946
PY07280	0.1814	0.468	0.7038	0.2092	-0.428	0.195	0.4156	0.035	0.1815	-0.3437	-0.4252	-0.3054
PY01280	-0.0731	-0.0999	0.0481	-0.4545	0.1774	-0.0372	0.1709	-0.094	0.1163	-0.1708	0.0649	0.1989
PY02625	-0.315	-0.0498	-0.221	0.24	0.9787	0.0184	0.0636	0.288	0.1162	0.2637	0.8713	-0.1175
PY01343	0.8541	0.428	0.8394	0.9025	-0.156	0.0586	0.6037	0.1268	0.439	0.3438	-0.3119	0.6737
PY01021	-0.0926	-0.1153	0.1054	0.0338	-0.0766	-0.1475	-0.0859	0.0937	0.0097	0.0038	0.1555	-0.1679
PY06015	0.0749	-0.0096	-0.4024	-0.0339	0.0351	0.1123	0.0724	-0.1419	-0.233	-0.0697	-0.104	0.0282

PY05396	-0.0182	0.6753	-0.3997	-0.78	-0.0153	0.2188	0.6646	0.3715	0.41	-0.4011	0.3656	-0.6063
PY06904	0.4617	0.431	0.6714	-0.3458	-0.0438	0.0351	0.304	-0.341	0.1463	-0.5991	-0.4177	0.2626
PY01327	0.2668	0.3746	0.774	0.1874	-0.1641	0.2401	0.1546	-0.1834	-0.1054	-0.2776	-0.2335	-0.0601
PY05267	-0.1202	0.0182	-0.0951	-0.1992	0.2803	-0.2181	-0.4969	-0.0861	0.3585	0.0554	0.2018	0.4441
PY05722	-0.2554	-0.1017	0.0768	0.0179	0.0935	-0.3893	-0.1819	-0.0948	0.0948	-0.0933	0.0899	-0.0429
PY02382	-1.0229	0.1506	0.9101	-0.4968	-0.98	-0.7084	0.0189	-0.1619	0.3382	0.0402	-0.0248	0.2145
PY02666	0.3415	0.1085	0.3822	-0.4941	-0.196	0.012	0.1743	0.1426	0.1544	-0.2103	0.0935	0.1376
PY01551	-1.0687	-0.3147	-0.2153	-0.4895	-0.2646	0	0.1406	0.2669	0.0504	-0.5899	0.165	-0.5258
PY06175	0.3452	0.4676	0.2095	-0.4502	-0.3044	0.383	-0.1863	-0.1102	-0.0852	-0.2368	-0.6939	-0.0755
PY04900	-0.1292	0.2245	-0.2766	-0.4377	0.0677	-0.1188	0.1414	-0.1226	0.3432	-0.5219	-0.1636	0.4392
PY05469	-0.112	-0.1092	-0.303	0.1658	0.4223	0.3605	0.165	0.0697	-0.1338	-0.1013	0.1504	0.1367
PY01684	-0.2733	-0.3072	-0.4243	-0.1735	-0.2495	-0.0137	0.1557	-0.1607	0.1743	-0.1465	-0.5551	0.2113
PY00674	0.6668	0.2565	-0.0084	0.1281	-0.0111	0.0839	0.2822	0.036	0.3849	0.2801	-0.0756	0.5778
PY04497	0.1309	-0.1423	-0.1563	-0.4196	-0.0106	-0.1703	-0.1561	-0.3772	-0.3187	-0.2755	-0.1834	-0.6383
PY00683	1.2258	0.4428	-0.0004	0.31	0.0404	-0.127	-0.0793	-0.4092	-0.2047	-0.8357	-0.4613	0.1829
PY04912	-0.5858	-0.1587	-0.0157	0.3504	-0.2416	-0.1114	-0.2004	0.2009	-0.0574	-0.1906	0.427	-0.1098
PY07156	-0.2832	-0.5033	-0.5573	0.2267	-0.2651	-0.4521	-0.2809	-0.3679	-0.1681	-0.39	-0.3052	-0.1069
PY00431	0.1601	0.0867	0.2237	0.1803	0.1831	0.0973	0.1242	0.3758	0.8281	0.7385	-0.1982	0.3811
PY01308	-0.1367	-0.2757	-0.2384	-0.1892	0.7073	0.118	-0.302	-0.0236	-0.1607	-0.0689	-0.3283	-0.0338
PY00938	-0.564	-0.2091	-0.501	-0.0192	-0.1049	-0.3569	-0.2494	0.0939	-0.0821	0.3961	0.3785	0.1879
PY04937	-0.0352	0.0402	0.1278	-0.2085	-0.1672	-0.0439	0.3038	0.1248	0.4207	0.1175	0.2121	0.3032
PY07050	0.5143	0.1134	0.191	0.2471	0.1306	0.1349	-0.1011	-0.1801	-0.0661	0.0089	-0.5144	-0.0421
PY04031	0.539	0.1247	0.0475	-0.0279	-0.0616	-0.1214	-0.0281	-0.1563	-0.0438	-0.4867	-0.4622	0.0414
PY01880	0.4022	-0.301	-0.3622	-0.1445	1.1741	0.0724	-0.0911	-0.2041	-0.4402	-0.0492	0.6364	0.0053
PY04582	-0.2615	0.1583	0.3549	-0.3943	-0.2452	-0.046	0.0006	0.1046	0.0358	-0.0766	0.1674	-0.41
PY00896	0.3502	0.324	0.1433	-0.0486	-0.5514	0.2196	0.3891	0.2149	0.6601	-0.2216	-0.1567	0.564
PY05634	-0.1493	-0.0512	-0.1054	0.1194	0.3482	0.3179	-0.1794	-0.1183	-0.0905	-0.1828	-0.2068	-0.3146
PY03462	-0.0638	-0.0376	-0.2044	-0.276	0.04	-0.0331	-0.0319	-0.0944	-0.2177	-0.2266	-0.1152	0.1582
PY03396	-0.0932	-0.0451	-0.1598	0.9948	0.6628	0.0208	0.1352	0.5936	-0.0438	0.0908	1.0129	0.3136
PY01071	0.8002	0.3036	0.1293	-0.4202	-0.15	0.0741	0.1771	-0.2675	0.0579	-0.1139	-0.1906	0.2446
PY05891	0.4589	0.0306	-0.3769	-0.1846	-0.1728	-0.3196	-0.175	-0.2939	-0.0954	0.0666	0.1914	-0.04
PY01361	0.4863	0.1026	-0.2522	0.5317	0.484	-0.0327	-0.082	0.0303	-0.2764	0.1596	0.3053	0.0166
PY06863	-0.0278	-0.2446	-0.0082	-0.4928	-0.3441	-0.076	0.1205	-0.4284	-1.1257	-0.669	-0.3841	-0.7742
PY04550	0.2693	0.1854	0.18	-0.3706	-0.0262	-0.2125	0.0505	-0.1358	-0.1115	0.3502	0.4371	0.0976
PY02849	-0.5277	-0.1731	-0.2001	-0.5084	-0.0668	-0.4907	0.084	-0.0555	-0.0425	-0.4838	-0.1764	-0.0152
PY04196	0.0174	0.1884	0.38	-0.0476	-0.2411	0.15	0.28	-0.1246	0.0887	-0.4227	-0.5716	0.0724
PY04065	0.6075	0.1258	0.0686	0.0338	-0.1146	0.0388	0.0402	-0.1397	0.2034	0.0614	-0.5081	0.4083
PY07283	-0.6489	-0.4959	-0.0799	-0.4277	0.1756	0.1747	0.3404	0.3985	0.2983	-0.0307	0.2949	-0.3334
PY02174	-0.0244	-0.2388	-0.1298	0.8706	0.8961	0.5057	-0.1302	0.1073	-0.1616	0.4806	0.9126	0.1617
PY06298	0.3038	-0.0576	0.0494	-0.2154	0.0701	0.0053	-0.0793	-0.0541	-0.0903	-0.0563	-0.2789	-0.0377
PY00181	-0.2894	-0.3424	-0.2425	0.7771	0.5975	-0.2892	-0.4523	-0.0318	0.0339	0.6792	0.7169	0.0505
PY01944	0.2232	-0.2447	-0.0474	0.1313	0.2894	0.2573	-0.1185	-0.2	-0.6904	-0.0451	-0.074	-0.0128
PY06352	0.418	0.1849	-0.009	-0.0276	-0.1198	0.0626	-0.0724	-0.5708	-0.1992	-0.0768	-0.3158	0.3756
PY02332	-0.5658	-0.2668	-0.1481	-0.2544	-0.2519	-0.0356	0.2622	0.4334	0.0052	-0.4493	0.176	-0.7143
PY01507	-0.3172	-0.0629	-0.0762	0.3094	0.1552	-0.1871	-0.2539	-0.5248	-0.2565	-0.1333	-0.6035	-0.3873
PY06261	-0.9162	-0.4074	0.2153	0.1982	-0.5519	-0.0064	-0.1579	0.3052	0.5421	0.1573	0.1097	-0.0577
PY05588	-0.8713	-0.0546	0.3547	-0.5741	-1.3239	-0.3036	-0.2197	0.1159	0.1074	-0.1328	0.4479	-0.2597
PY03519	0.3029	0.0944	0.0492	-0.1224	-0.0873	-0.1546	0.1767	-0.269	0.1214	-0.2614	-0.3022	0.0204
PY06462	0.0354	-0.2159	-0.2692	-0.2413	0.1704	0.0783	-0.2008	-0.1197	0.0479	-0.1406	-0.2462	0.0004
PY07268	0.0744	0.1586	0.8371	0.5757	-0.087	-0.1263	-0.1385	-0.3036	0.2293	-0.2029	-0.2745	0.1451
PY01624	0.0336	-0.2027	-0.602	-0.191	-0.2121	-0.0081	-0.3487	0.0423	0.0267	-0.2584	-0.1517	0.3537
PY03265	-0.1869	-0.0283	0.2799	-0.2117	-0.0329	0.1584	0.3638	-0.0924	0.1186	-0.2214	-0.1221	0.3283
PY01265	0.2234	0.0085	-0.0948	0.5	-0.0245	-0.0117	0.1283	0.2151	-0.0106	0.1099	0.0518	0.2719
PY03507	0.5409	0.0851	0.2749	0.6001	-0.0781	0.2022	0.0221	-0.0556	-0.2339	-0.312	-0.5659	-0.4455
PY02574	0.677	0.1094	0.2357	-0.5744	0.0152	-0.0621	0.1928	-0.4415	-0.0975	-0.456	-0.5899	0.2284
PY06775	0.3775	0.1641	0.0382	-0.2797	0.1354	-0.3177	-0.1892	-0.1769	0.1064	-0.027	-0.1827	0.0804
PY03929	0.4255	0.0459	-0.1244	0.2569	0.666	0.0041	-0.1291	-0.1351	-0.4132	0.0782	0.3207	0.0423
PY04797	1.2033	0.47	0.386	0.7216	0.2112	-0.2773	-0.1291	0.0588	-0.213	-0.5456	0.012	-0.0783
PY01168	0.0665	-0.5883	-0.5843	0.5122	0.7485	0.137	-0.3024	0.093	-0.0894	0.6611	0.2146	0.1279
PY05711	-0.6505	-0.0042	0.2945	-0.1623	0.1139	0.2437	0.1306	0.0278	-0.1249	0.1554	-0.0182	0.2442
PY05981	0.9819	0.7078	0.7703	0.4129	-0.2833	0.082	0.262	0.0456	0.3676	-0.5172	-0.6012	-0.6292
PY01105	-0.045	0	-0.3979	-0.509	-0.0233	-0.3594	-0.4249	-0.0161	0.0465	-0.2115	0.1345	-0.3278
PY03587	1.0537	0.256	0.415	0.0831	-0.5347	-0.3234	0.1066	-0.2818	0.0005	-0.2508	-0.8404	0.3121

PY07000	-0.3577	0.2946	0.6075	0.4868	0.1092	0.226	0.393	0.1705	0.3386	0.2538	0.4984	0.1945
PY06278	0.0484	-0.0981	-0.0467	-0.3113	0.1304	0.2638	0.1555	-0.298	-0.35	-0.2877	-0.2892	0.0531
PY05597	-0.2485	-0.2192	-0.2486	-0.1539	0.2926	0.1584	-0.0427	-0.2055	-0.1681	-0.1998	0.5436	-0.0167
PY02743	-0.9927	0.0085	0.3072	-0.4652	-0.4084	-0.452	-0.0179	0.0706	0.4568	-0.2	0.7159	-0.1244
PY02103	0.0743	-0.1585	0.36	0.3273	0.1647	0.0737	0.3252	0.317	-0.1753	0.3869	-0.0487	0.5052
PY02832	0.2082	0.131	-0.0216	-0.4745	0.1096	0.0408	0.0155	-0.0767	-0.1073	-0.3065	-0.0931	0.0555
PY00569	-0.1613	-0.2618	-0.2927	0.3746	0.1956	-0.3732	0.0915	0.2079	0.289	0.1941	0.3976	0.2606
PY00573	0.5498	0.3572	0.686	0.9092	0.5498	0.5296	0.1145	0.6561	0.0895	-0.5518	0.5693	0.2264
PY03401	-0.3826	-0.6133	-0.5198	-0.5626	0.0156	-0.4735	-0.2011	0.151	0.2479	0.0224	0.0393	0.0184
PY02648	-0.5975	-0.0054	0.3776	1.1211	0.3575	0.3266	0.004	0.2012	0.1912	0.3108	0.9032	-0.1664
PY02741	0.5034	0.1223	0.1729	0.2904	-0.2377	0.0021	-0.0307	-0.0795	-0.0163	0.2628	-0.2038	0.0873
PY05615	-0.8042	-0.1539	-0.1251	-0.5843	-0.0769	0.0953	-0.0283	0.071	-0.4348	-0.0548	0.1969	0.0357
PY07133	-0.0441	-0.1746	-0.0243	0.3761	-0.2486	0.0204	-0.1214	0.0365	0.0428	0.1002	0.2812	-0.0135
PY04025	-0.3615	-0.0841	-0.3471	-0.129	-0.6563	-0.067	-0.1154	-0.0155	0.3307	-0.1427	-0.0037	0.2662
PY04843	-0.2234	-0.5503	-0.5328	-0.3839	-0.0898	-0.2934	0.0173	0.3231	0.1165	0.9941	1.4446	0.6349
PY01921	-0.0643	0.0896	-0.5037	0.264	0.5597	0.0938	0.0032	0.2134	-0.0369	-0.075	0.3374	-0.2908
PY00547	0.2306	0.1347	0.3381	0.5164	0.1295	0.3001	0.4109	-0.058	0.1012	0.1226	0.1048	0.0916
PY00714	-0.0083	0.0451	0.2092	-0.4943	-0.0105	0.1738	0.0265	-0.177	0.1288	-0.5119	-0.268	0.0728
PY01011	-0.5861	-0.0148	0.0341	-0.2883	-0.1053	0.0061	-0.1094	0.1331	0.2587	0.2895	0.2731	0.1342
PY02908	-1.0036	-0.1792	-0.6597	-0.3904	-0.3022	-0.2703	0.2527	0.7307	0.8185	1.0034	0.9422	0.1951
PY05575	-0.7065	0.0116	-0.4433	-0.6038	-0.4129	0.0901	-0.1004	0.1801	0.1949	0.1297	-0.1909	-0.112
PY01301	0.8962	0.5842	0.1987	0.0708	-0.0405	-0.1811	0.1181	-0.2282	-0.0593	-0.1049	-0.1784	-0.2217
PY05186	0.5203	0.5095	0.0395	-0.1633	-0.2821	0.0078	0.6453	0.1948	0.3663	0.1001	0.8383	0.5101
PY01875	-0.5569	-0.3557	-0.1008	0.1008	0.1514	0.33	-0.5022	0.1927	0.1715	0.1654	0.0643	-0.0807
PY04681	0.4692	0.2572	0.0804	0.0371	0.1813	-0.2926	-0.2792	-0.0454	0.0835	0.1604	-0.1235	-0.1934
PY07249	-0.5172	-0.2021	0.0247	-0.0288	-0.2565	-0.2406	-0.2027	0.0376	0.0305	0.176	0.0138	0.0952
PY05366	-0.911	-0.2415	0.1716	0.4172	-0.0871	0.3902	0.2338	0.2942	0.3074	0.5797	0.4892	0.2592
PY06913	0.1664	0.0566	0.0252	0.8921	0.2541	-0.0266	0.0602	0.0956	-1.3293	0.9075	0.104	-0.3681
PY01514	-0.4629	-0.2861	-0.5737	-0.1615	0.1578	0.1365	0.1271	0.3283	0.092	0.2919	0.3233	0.2705
PY03788	-0.1243	-0.1209	-0.3135	0.7261	0.6	0.1789	0.1591	0.3231	0.3182	0.5618	0.9352	0.2654
PY05953	-0.1899	0.1304	0.1109	-0.2692	0.3418	-0.0598	-0.071	-0.1468	-0.0419	-0.067	-0.0002	0.1082
PY00479	-0.4899	-0.3297	0.0417	-0.1985	0.0209	0.1036	-0.0296	-0.2773	0.0138	-0.1357	0.0069	0.0539
PY05994	0.5742	0.3688	0.2629	-0.3786	-0.1625	-0.0902	-0.0104	-0.301	-0.2263	0.3012	-0.1186	0.2256
PY00562	-0.5715	-0.1963	0.047	0.301	0.1236	0.3138	-0.0139	0.1231	-0.5305	0.551	0.4463	-0.6443
PY06274	-0.1215	0.0128	-0.304	0.1316	0.1853	0.1282	0.2016	0.0435	0.0758	0.3497	-0.0439	-0.3031
PY01028	0.265	-0.0472	-0.3256	0.2577	-0.0686	-0.0952	-0.0436	0.2987	0.2178	0.1567	0.1328	0.2666
PY01822	-0.9128	-0.0998	0.0711	-0.1555	-0.4408	-0.1059	-0.1809	0.1918	0.1692	0.0815	0.111	-0.1381
PY07302	0.2467	0.0651	0.215	0.0375	-0.3196	-0.1627	-0.1531	-0.3883	-0.1856	-0.8743	-0.594	-0.1285
PY01287	-0.6049	-0.1659	-0.088	0.1542	-0.2491	0.0346	0.0657	-0.0036	0.0026	-0.1301	-0.1138	0.2591
PY05951	0.91	0.438	0.2111	-0.084	-0.31	-0.0718	0.1901	-0.1215	0.0383	-0.1769	-0.5606	0.1441
PY04042	0.0468	-0.4271	-0.1376	-0.0481	0.0852	0.2454	0.2331	0.2217	0.1305	0.0396	0.0331	0.1967
PY01290	0.1227	-0.0552	0.2	-0.4393	-0.3148	-0.0322	0.1287	-0.0378	0.086	-0.3362	-0.3587	0.1164
PY01566	-0.6774	-0.3739	-0.8331	0.2374	0.3758	0.1925	0.0299	0.4575	0.1522	0.3772	0.5254	0.2167
PY01060	0.0586	0.0692	0.1431	0.1558	0.1285	0.022	0.1215	0.1511	-0.2584	-0.197	-0.0797	0.1002
PY00496	-0.7149	-0.4888	-1.1747	-0.7295	0.4248	0.2254	0.581	0.7671	0.4356	0.3191	-0.5295	0
PY02078	-0.1895	0.7012	0.3187	-0.2762	-0.3902	-0.0255	-0.0086	0.2123	-0.0687	-0.1585	-0.0714	-0.1981
PY07669	0.9591	-0.1746	-0.3971	0.535	0.8942	-0.6636	-0.2924	-0.1981	-0.5917	0.0749	-0.401	0.4286
PY05058	-0.1661	-0.1123	-0.5443	-0.7824	-0.5699	-0.6184	-0.4504	-0.1915	-0.1454	-1.3469	-0.0874	-0.0223
PY00532	-0.0692	0.18	0.3361	0.3347	0.0304	0.255	0.3779	-0.1363	0.1112	0.0797	-0.1083	0.001
PY05196	0.4566	0.0993	-0.4427	-0.2187	0.6655	0.004	0.0552	0.0256	-0.1241	-0.2287	-0.053	-0.4395
PY04362	0.4844	0.2389	0.5152	-0.102	-0.1554	0.0702	-0.0632	-0.2509	0.0246	-0.0446	-0.4854	0.0826
PY02234	0.7597	0.357	0.1832	-0.3563	-0.0901	-0.044	0.5513	-0.2898	0.053	0.0394	-0.3017	0.3682
PY01477	0.2369	-0.0178	-0.3218	0.6711	0.2103	0.0746	0.0307	-0.0456	-0.2415	0.3426	-0.3677	0.3249
PY01478	0.1616	0.2106	0.1395	0.2893	0.3438	0.0868	0.3197	-0.0841	0.3312	0.1371	0.2215	0.3884
PY00364	-0.29	-0.3168	-0.5048	0.3198	-0.3989	-0.5667	-0.2156	0.6019	-0.4174	0.265	0.2385	-0.4402
PY00336	-0.0916	0.0503	0.19	0.0414	0.1923	0.4568	0.2058	-0.0128	-0.0985	-0.3614	-0.5777	-0.282
PY03877	-0.6597	-0.3185	-0.1999	0.6481	-0.444	-0.0156	-0.0252	0.164	0.0822	-0.1241	0.341	-0.1368
PY03409	0.1181	-0.2221	-0.2962	0.0355	0.9463	0.3279	0.0337	-0.2048	-0.087	-0.2681	-0.6971	-0.084
PY00626	-0.2498	-0.1685	-0.2519	0.9159	0.8249	0.3082	0.0848	0.1179	-0.6423	0.696	0.5894	0.4119
PY03456	-0.154	-0.2881	-0.2761	0.2799	-0.1572	0.2414	-0.5716	0.4262	0.2322	0.3179	0.3821	0.1962
PY03243	-0.2467	-0.1231	0.126	0.3599	0.2612	0.1757	-0.2437	0.2005	0.0592	0.826	0.2319	0.1955
PY02327	0.1561	0.1661	0.1637	-0.118	-0.0967	-0.3127	0.3848	0.6453	0.7384	-0.3484	-0.0873	0.939
PY01643	-0.4199	-0.223	-0.2329	-0.2814	0.2275	0.1961	0.0367	-0.0023	-0.1716	-0.0796	-0.058	-0.0721

PY06583	0.1245	-0.3338	-0.5438	-0.2847	-0.6045	-0.6466	0.0458	-0.0333	0.2961	0.5449	0.1652	0.8509
PY03571	0.2137	0.2362	0.1136	-0.6731	-0.0948	0.3104	0.1158	-0.2995	0.0172	0.0101	-0.454	0.0883
PY04767	-0.1209	-0.0582	-0.2704	0.4118	0.6278	0.1448	-0.0022	0.0493	0.0736	0.549	0.4676	0.3323
PY05393	0.649	0.1209	-0.662	-0.0967	-0.3529	-0.0566	-0.235	-0.1911	-0.0197	0.1995	-0.291	-0.1324
PY00670	0.1518	-0.0175	0.2048	0.8304	0.1125	0.0788	-0.1437	0.1385	-0.1707	0.3853	-0.4898	-0.0494
PY05144	0.8205	0.1202	0.3807	-0.0215	-0.1143	0.2852	0.4381	-0.203	0.4156	0.2311	-0.2993	0.3415
PY01488	0.3063	0.3462	0.6281	-0.1302	-0.3787	0.2698	-0.0226	-0.3912	-0.1059	-0.4988	-0.5197	-0.2735
PY04969	0.8017	-0.0335	0.1966	-0.1575	-0.1439	0.0119	0.2748	-0.4821	0.1259	-0.2189	-0.6665	0.1302
PY04481	-0.4495	-0.539	-0.7213	-0.136	0.1524	-0.2491	-0.4606	0.0014	-0.0464	0.192	0.2926	0.0227
PY01842	0.49	0.0442	-0.1588	0.142	0.0963	-0.1015	-0.0768	0.0477	0.0236	0.156	-0.3175	-0.4232
PY00031	0.6824	-0.5423	0.1895	-0.1353	-0.2163	-0.197	-0.0453	-0.1564	-0.4856	0.2431	-0.0626	-0.363
PY01345	0.6035	0.4545	0.074	0.051	0.1203	0.2198	0.1946	0.2548	0.2851	0.0433	-0.175	0.1983
PY04450	0.4095	0.1477	0.3743	0.195	-0.1298	0.4637	0.5362	0.5579	0.5617	0.4168	-0.428	0.0704
PY05175	-0.1685	-0.174	-0.6156	0.3619	0.114	0.2666	0.0531	0.6732	0.0675	-1.1409	0.1835	-0.1547
PY02048	0.5349	0.2413	0.3529	0.2063	0.236	0.0628	0.3211	0.0026	0.0311	-0.0456	0.1898	0.1859
PY07661	0.1052	-0.0162	0.4237	-0.2091	-0.3812	0.2555	0.2862	0.2205	0.105	-0.2755	-0.5711	-0.2782
PY05629	-0.4946	-0.2091	-0.0994	0.0064	0.1324	-0.0688	0.1451	0.1014	0.0114	0.0326	0.2116	-0.2225
PY07174	-0.6912	-0.0647	0.253	-0.5558	-0.0174	-0.1556	-0.1295	-0.1153	-0.2302	-0.1823	0.2642	-0.0454
PY00060	-0.2816	-0.5393	-1.1049	0.3602	0.2039	-0.454	0.0154	0.0377	0.0373	0.2982	-0.2977	0.7004
PY05710	0.1013	-0.1484	-0.4527	-0.2371	-0.1643	-0.0413	-0.263	-0.086	-0.049	0.0187	-0.0605	-0.0939
PY07001	-0.0937	0.1494	0.0687	0.033	0.0776	-0.0183	0.0385	0.0284	0.1246	-0.1857	0.1816	-0.3855
PY01349	0.6295	0.4897	0.7315	0.076	0.0978	0.2129	0.502	0.1999	0.2012	0.0037	0.1073	0.2213
PY03317	-0.2439	0.2129	0.1579	-0.0057	0.0099	0.3038	0.3391	0.3879	0.0564	-0.0479	0.2311	0.1673
PY04301	-0.0209	0.1404	0.1132	-0.3161	-0.0026	0.2395	0.2494	0.0172	0.2815	0.1473	-0.0664	0.2188
PY07420	-0.2039	-0.0624	0.2178	-0.1201	0.0233	-0.2839	-0.3145	-0.0244	-0.8232	-0.307	0.2777	-0.189
PY05805	0.2694	0.441	0.2849	-0.0134	-0.1558	0.066	0.1525	-0.1079	0.1624	-0.1695	-0.3411	0.2011
PY00048	-0.3314	-0.1033	0.137	-0.1142	-0.0434	-0.2823	-0.2736	-0.3991	-0.2852	-0.0105	-0.1634	-0.1577
PY04503	0.7693	0.1545	-0.2426	-0.1862	-0.3	-0.0651	-0.0145	-0.0882	-0.0939	0.1108	-0.3495	0.3526
PY02306	-0.7466	-0.0368	0.3416	0.0798	0.0324	-0.1069	-0.0316	-0.0294	0.0689	-0.2128	0.1614	-0.0757
PY01534	-0.0794	-0.004	0.3534	0.3274	0.25	0.2661	0.0817	0.1638	0.0809	0.1053	-0.1931	-0.1617
PY05327	0.8086	0.2087	0.271	1.1828	1.1903	0.6818	0.388	0.362	0.5237	0.9898	0.555	0.0555
PY07361	0.7328	0.2897	0.4314	0.6148	0.0577	0.1475	0.0735	-0.2709	0.0446	-0.2722	-0.5989	0.2165
PY02901	0.8564	0.2163	-0.1819	0.3644	0.1889	0.0447	0.0662	-0.0494	-0.1259	-0.0241	-0.1281	0.1774
PY01614	0.1799	0.0583	0.1454	-0.2979	0.0854	-0.1847	0.1308	-0.1903	0.0499	-0.2339	-0.0443	0.2476
PY00191	-1.358	-0.2677	-0.1716	-0.3231	-0.1554	-0.06	-0.1965	0.0756	-0.2369	0.0628	0.3656	-0.3906
PY02872	0.343	0.1062	0.393	0.1927	0.1065	0.2561	0.4589	0.08	0.2492	0.0884	-0.3762	0.3853
PY01285	-0.0544	0.0512	-0.1202	0.3744	0.1263	0.3216	-0.2059	0.2506	-0.6443	0.3757	0.229	-0.2326
PY05676	0.312	0.2112	0.1805	0.296	0.1191	0.0399	-0.0401	-0.1568	-0.1787	0.0063	-0.397	0.0026
PY02532	-0.1989	-0.2426	-0.2325	-0.0463	0.1957	0.1878	-0.6649	0.0689	-0.2098	0.4039	-0.1281	-0.4326
PY06939	-0.1342	-0.2379	-0.3665	0.0845	0.7297	0.2168	0.0754	-0.0782	-0.1176	0.3945	0.2618	0.189
PY01373	-0.5257	-0.0496	0.1877	-0.1397	0.0113	0.1069	0.1447	0.1692	0.0056	-0.1262	-0.0375	-0.1543
PY02416	-0.6327	-0.7949	-1.0853	0.1803	0.0995	-0.166	0.293	0.6105	0.4678	0.3485	0.6569	0.1291
PY04174	0.4527	0.2443	0.0323	-0.0585	-0.1218	-0.311	-0.4596	-0.4462	-0.4167	0.1034	-0.3739	-0.231
PY03931	0.6972	0.6872	0.6921	0.0819	-0.7667	-0.0889	0.2795	-0.7075	0.0997	-0.214	-0.8846	0.0998
PY05128	-0.2743	-0.088	-0.3313	0.0014	0.1829	0.1564	0.0713	0.0432	0.2254	0.278	-0.227	0.0668
PY05934	0.0421	0.2733	0.3752	-0.2657	-0.336	0.437	0.195	0.1079	0.0793	0.0188	-0.3627	-0.0466
PY05270	-0.1192	-0.3929	-0.2247	0.1968	0.3707	-0.03	-0.2909	-0.2058	-0.1941	0.233	-0.2991	-0.1669
PY06064	-0.4186	-0.4842	-0.3966	0.0822	0.39	0.3278	-0.1171	0.164	-0.2356	0.3343	-0.0819	0.296
PY03721	-0.0762	-0.151	-0.0549	0.4329	0.4209	0.3469	-0.1294	0.2625	0.0366	0.4969	0.3318	0.241
PY05036	-0.4133	-0.1955	-0.2858	-0.2181	-0.3061	-0.3593	-0.4695	-0.3771	-0.1477	-0.0309	0.2802	-0.086
PY07494	0.4643	0.0201	0.1591	0.4898	0.5008	-0.1886	0.119	-0.1515	0.041	0.1436	0.27	-0.0931
PY06759	-0.3745	-0.5386	-0.8226	0.3156	-0.0982	-0.4189	0.0031	0.0604	0.512	0.9207	0.9468	0.9632
PY06727	0.6546	0.0257	-0.1471	-0.0441	0.5991	-0.0647	-0.0058	-0.5399	-0.311	-0.3525	-0.4207	0.1534
PY07467	-0.1234	-0.0939	-0.1499	-0.3497	-0.0696	-0.0238	0.1389	-0.2883	-0.0142	0.0425	0.1204	0.1497
PY01513	0.1697	0.0104	-0.2579	0.1354	0.0811	-0.066	-0.195	-0.1334	-0.0657	0.0756	0.1932	0.146
PY02777	0.039	0.0555	-0.074	0.6854	0.2272	0.0015	-0.2219	0.1221	-0.1368	0.4042	0.3427	-0.1405
PY07030	-0.4227	-0.2151	-0.1199	-0.4921	-0.1421	0.089	0.261	0.0536	-0.1091	-0.2412	0.184	-0.0226
PY05926	-0.0611	-0.4848	-0.0835	-0.0275	0.149	0.0819	0.3822	0.3073	0.4087	0.0974	0.1485	0.5249
PY05108	-0.2989	0.172	0.0433	-0.5155	-0.4215	-0.1868	-0.1807	0.2665	0.1742	0.1958	0.5545	-0.1247
PY04750	-0.1523	-0.388	-0.1943	0.0227	-0.0175	0.1539	0.1192	-0.1886	-0.0371	-0.0143	-0.0495	0.2322
PY06767	0.0743	0.0198	-0.2035	0.6749	0.1287	0.2962	-0.1915	-0.1771	-0.2611	-0.3073	-0.4988	-0.5236
PY03789	0.3964	-0.1465	-0.0297	-0.1504	-0.2673	-0.2973	0.0033	-0.0926	-0.3258	-0.1127	0.0205	0.0921
PY03725	-0.4373	0.0825	0.4295	-0.0128	-0.1544	0.0706	0.1499	0.2185	0.3904	0.4416	0.4912	0.2887

PY01639	-0.5421	-0.0892	-0.0972	-0.3564	-0.3668	-0.2401	-0.0802	-0.0647	0.2312	-0.1189	0.0583	-0.0735
PY03734	0.3177	0.2989	0.1672	0.2585	0.1383	0.337	0.3523	0.0364	0.0337	0.2575	0.0674	-0.0896
PY01815	-0.2944	-0.0721	-0.1021	-0.0315	0.3289	-0.0232	-0.2655	-0.1227	-0.5519	0.1903	-0.2912	-0.2734
PY07368	0.3902	0.1156	-0.7519	0.2358	-0.3709	-0.0433	-0.1636	0.2239	-0.3621	0.133	-0.431	-0.6106
PY00352	-0.5208	-0.1683	-0.2593	-0.171	-0.6127	-0.4566	-0.1887	0.0909	0.1296	-0.2137	0.2883	-0.1136
PY02284	0.0839	0.0385	-0.2981	0.1132	0.6169	-0.1406	-0.0758	0.1901	0.1081	0.1722	0.4365	-0.0557
PY06085	0.177	0.0974	-0.1715	-0.007	-0.1918	-0.2523	-0.1895	0.1286	-0.0283	-0.0073	-0.0976	-0.3404
PY03620	-0.1968	-0.0468	0.3135	0.1137	0.1293	0.2238	0.1356	-0.0399	0.0436	-0.2111	-0.0378	-0.1915
PY01389	-0.3476	-0.4022	-0.3888	-0.0874	0.004	-0.1135	-0.1153	0.0195	0.2461	0.2301	0.3941	0.4699
PY03774	0.2544	0.0412	-0.0282	-0.0566	0.297	-0.1164	-0.083	-0.1565	0.025	0.019	0.1307	0.0342
PY04186	0.1039	0.329	0.3133	-0.2864	-0.6615	0.0085	-0.0703	-0.2688	-0.1653	-0.0251	-0.3234	-0.0333
PY06320	0.3386	-0.0425	0.1091	-0.2499	-0.1582	-0.0397	-0.0977	-0.2627	-0.0756	-0.6927	-0.3959	-0.0739
PY04869	0.523	0.2039	0.1972	0.1895	-0.1234	0.3937	0.4144	0.0832	0.0399	-0.0627	-0.5195	0.0066
PY03559	-0.4252	-1.3314	-0.1891	-0.0179	-0.0037	-0.313	-0.0599	0.0855	0.3149	0.1852	0.2558	-0.0679
PY02915	-0.0218	0.045	0.3263	-0.4859	-0.725	0.3665	0.3475	0.3717	0.4676	-0.8024	-0.1444	-0.1077
PY04655	0.4809	0.126	0.0557	0.0231	0.1908	0.0301	-0.1187	-0.1738	-0.1225	0.0019	-0.2501	-0.2006
PY03505	0.2574	0.146	0.1865	0.2003	-0.0471	-0.039	-0.0096	-0.1112	-1.2407	-0.28	-0.2863	-0.1656
PY00983	-0.0013	0.1306	0.3862	-0.4426	-0.1943	-0.1986	0.0111	-0.3806	-0.2788	-0.4779	-0.5157	-0.1629
PY04013	-0.041	-0.1641	-0.1686	1.0608	1.1041	0.992	0.277	0.9659	0.2588	1.3907	1.1521	0.2093
PY02808	0.4489	0.0225	0.0706	-0.0176	0.2102	0.0324	0.1986	0.2361	0.0619	0.1008	0.0013	0.4636
PY00266	-0.3465	0.1066	-0.4654	-0.0973	0.1263	-0.2537	-0.0152	0.2059	0.0595	0.1589	0.4766	-0.0234
PY03718	-0.6864	-0.3536	-0.2642	0.6014	-0.7457	-0.477	-0.2555	0.2043	-0.0314	0.2476	0.6077	0.2576
PY01315	0.0273	-0.1225	-0.051	0.4427	0.3347	-0.3576	0.0543	0.2491	0.092	0.5704	0.221	0.1049
PY01547	0.2223	0.4387	0.3586	0.1597	-0.2261	0.1044	0.2071	-0.1015	0.1422	-0.1941	-0.4672	0.2186
PY04685	-0.6813	-0.149	-0.2062	-0.8896	-0.2938	-0.1066	-0.1027	0.1457	-0.307	-0.2109	0.0625	-0.4798
PY05429	-0.4403	-0.0554	-0.2717	-1.3162	-0.6089	-0.2181	0.192	0.0936	0.4976	-0.5217	0.1452	0.227
PY06840	0.0876	-0.137	0.1357	-0.2634	0.4235	0.0966	0.0866	-0.3323	-0.4222	-0.338	-0.2645	0.0964
PY02013	-0.7512	-0.5069	-0.4956	-0.0695	-0.6808	-0.2583	0.116	0.2442	0.3021	0.1509	0.8059	0.0907
PY04298	-0.3796	-0.2989	-0.1844	-0.3127	-0.5891	-0.128	0.1162	0.1693	0.4774	0.0092	-0.2617	0.2889
PY06391	-0.3213	0.2508	0.5421	-0.5222	-0.4915	-0.2739	0.6794	0.0898	0.7646	-0.0013	-0.0509	0.4125
PY03545	-0.5906	-0.2046	-0.1909	-0.1704	-0.1469	-0.2171	-0.2918	0.2124	0.5401	0.3003	0.3274	-0.1372
PY01820	-0.0656	0.1509	-0.046	0.3475	0.0353	0.1667	-0.1418	0.0519	-0.4853	0.2565	-0.2202	-0.4548
PY01839	-0.5962	-0.8417	-0.5863	-0.223	0.1396	0.0949	-0.0845	0.2664	0.2169	0.1528	0.2462	-0.434
PY00975	-0.0828	0.0238	-0.2366	-0.2479	0.0363	0.2482	-0.092	0.1152	-0.1587	0.2073	0.0333	-0.0291
PY00143	-0.1683	0.1595	0.4836	-0.4271	-0.4094	0.1545	0.4673	0.1614	0.5342	-0.0767	-0.426	-0.0563
PY06023	0.0805	0.0249	0.1869	-0.1474	0.1891	-0.0991	0.093	-0.0683	-0.5526	-0.1171	0.1529	-0.9049
PY05313	-0.0059	0.009	0.1727	-0.0346	0.4118	0.0328	-0.1477	-0.125	-0.2793	-0.1331	0.2808	-0.0809
PY06307	-1.0812	-0.3514	0.0658	-0.331	-0.4838	-0.2548	-0.0836	0.3273	0.4262	0.1034	0.9182	0.8242
PY05791	0.0976	0.2	-0.3849	-0.2812	-0.0054	-0.1704	-0.0862	0.1783	-0.0544	0.1058	0.0728	-0.1206
PY03057	-1.1373	-0.2596	0.0278	-0.1337	-0.4213	0.0455	0.1087	0.7454	0.5798	0.4457	0.9027	-0.1749
PY03875	-0.6511	0.0008	0.1068	0.5394	0.4537	0.4401	-0.0299	0.5603	0.0526	0.9576	0.5499	0.1029
PY01184	-0.4025	-0.1159	0.0742	-0.1189	-0.0223	-0.4461	-0.0886	-0.1152	-0.152	0.2353	0.0638	-0.2974
PY06981	0.7843	0.5044	0.4678	0.3841	-0.3673	0.0009	0.0385	-0.3302	-0.0884	-0.2846	-1.006	0.001
PY00121	0.7892	0.1263	0.3583	0.5813	0.3866	0.1684	0.1854	-0.2696	0.0131	-0.1618	-0.3099	0.1219
PY03670	-0.1183	-0.4016	-0.2946	0.9977	0.1085	0.2798	0.2295	0.3845	0.3422	0.9301	0.5872	0.4105
PY05729	-0.1685	0.0633	-0.4498	-0.134	0.0758	0.1256	-0.2288	0.0737	-0.2064	0.2644	-0.3	-0.0953
PY00444	-0.3806	-0.5147	-0.4211	-0.0707	0.0977	-0.005	0.04	-0.2007	-0.228	0.0416	0.0163	-0.1068
PY00417	-0.3003	-0.3596	-0.5819	-0.205	0.1615	-0.0886	0.083	0.368	0.1296	0.5273	1.038	0.178
PY06054	-0.3912	-0.0115	0.1769	-0.1997	0.0766	-0.39	-0.114	0.1704	0.2848	0.0653	0.1866	-0.1883
PY05495	-0.3399	-0.1961	0.0406	-0.0337	0.0364	0.2574	0.0024	-0.2146	-0.0056	-0.3987	-0.0251	-0.0867
PY04967	0.1249	0.227	0.1769	0.5462	0.2902	0.0792	0.1651	0.0418	0.1141	-0.1668	-0.6054	-0.3945
PY03211	-0.4008	-0.1255	-0.5805	-0.0061	0.166	0.2643	0.1607	0.348	0.1069	0.0316	0.0032	-0.1389
PY07338	-1.3625	-0.0251	0.0399	-0.5604	-0.395	-0.2278	0.1819	0.5392	0.4545	-0.3069	0.9687	-0.9539
PY00105	0.0942	-0.0703	-0.1797	0.4648	0.2099	0.1497	-0.0269	0.0151	-0.0853	-0.2677	-0.0868	0.0506
PY03217	-0.0741	-0.5786	-0.5881	0.1921	0.1697	0.5379	0.0161	0.3406	-0.0449	0.151	-0.0379	0.0172
PY00651	0.2914	0.2859	0.0052	-0.1853	0.2267	0.0465	0.3164	-0.0923	0.0667	0.1442	0.0787	0.221
PY01890	0.5705	0.3514	0.8535	-0.0787	-0.1795	0.2098	0.5235	0.0288	0.2998	-0.1568	-0.2422	0.4018
PY01317	0.1476	0.0493	0.1732	-0.1791	-0.1245	0.068	0.28	-0.0597	0.0243	-0.0083	-0.2628	0.2492
PY05198	0.4815	-0.0525	-0.0474	-0.3483	-0.2906	0.1106	0.173	0.4818	0.2775	-0.0099	0.2926	-0.3077
PY03927	0.4588	-0.0537	-0.2426	0.6739	0.3659	-0.3351	-0.0408	-0.0958	0.0368	0.2228	0.1021	0.2361
PY07102	-0.3155	-0.2615	-0.4684	-0.085	-0.4737	-0.5451	-0.4822	-0.3739	0.2018	0.048	0.0137	-0.1866
PY06975	-0.1573	-0.0713	0.0944	-2.3791	-1.2939	-0.3057	0.1192	-1.0079	0.3522	-1.7559	-0.9994	0.468
PY07077	0.2319	-0.3766	-0.8043	-0.4346	-0.0144	-0.3782	-0.156	0.0163	-0.1115	-0.3191	-0.1859	-0.2012

PY01496	-0.5644	-0.3055	0.2642	-0.2887	-0.6961	0.1921	0.3098	-0.0188	0.1135	0.3207	0.4191	0.1836
PY00602	-0.4715	-0.2611	-0.2991	-0.1944	-0.3312	-0.1171	0.0472	0.1952	0.2136	-0.1505	0.069	-0.0375
PY01682	0.5462	0.164	0.2747	0.033	0.4601	-0.2193	-0.1849	-0.6553	-0.459	-0.4532	-0.3197	-0.2195
PY02575	0.7346	0.1095	0.1234	0.6541	0.7525	0.211	-0.0233	0.0264	-0.1506	0.1717	0.5114	-0.0198
PY05127	-0.205	-0.0453	0.0378	-0.7445	-0.2332	-0.0424	-0.153	0.147	0.2163	-0.1146	0.5022	0.0433
PY00004	0.2036	0.2868	0.5441	0.1677	0.0352	0.077	0.4264	0.0224	0.2912	0.0609	-0.0647	0.1802
PY07419	0.3055	-0.1459	-0.55	-0.5459	-0.082	-0.2456	-0.2358	-0.1117	-0.6708	0.061	-0.0788	0.0024
PY06639	0.5918	0.3657	-0.0601	0.2156	-0.1398	0.0373	-0.3094	0.0047	-0.0912	-0.1352	-0.5938	-0.1526
PY05838	0.203	0.1469	-0.0626	-0.253	-0.295	-0.0105	0.103	-0.1718	0.299	-0.1225	-0.1332	0.5646
PY02024	0.1365	0.085	-0.0949	-0.115	-0.0142	-0.1392	-0.1698	-0.204	-0.3341	-0.1475	-0.3733	-0.054
PY03210	-0.8368	-0.1839	0.0652	-0.0609	0.238	0.4488	0.2633	0.4755	0.2104	0.3417	0.5259	-0.1934
PY04890	-0.2383	0.207	-0.2375	-0.1872	-0.4233	-0.2221	-0.0427	-0.3608	-0.2273	0.0183	-0.2053	-0.1288
PY03203	1.1064	0.5006	0.3022	0.2704	-0.8499	-0.7149	-0.6081	-0.7418	-0.3456	-0.5929	-1.2126	-0.3139
PY05361	-0.0708	-0.111	-0.6077	0.759	0.6772	0.1551	-0.0943	-0.0478	0.0648	-0.0466	-0.2831	-0.1302
PY01528	-0.0192	-0.2757	-0.2563	0.2171	0.0508	0.1537	0.0538	0.2422	0.3097	0.062	-0.1014	-0.0707
PY01953	0.5527	-0.046	-0.4183	0.6536	0.2068	0.1532	-0.0095	-0.0826	0.2418	0.5265	-0.1277	0.5226
PY06446	0.5547	0.3005	0.1339	0.3905	0.1357	-0.1715	-0.0426	-0.4585	-0.1349	-0.2507	-0.4176	-0.0275
PY04934	-0.0968	0.2597	-0.1724	0.1384	-0.6932	-0.0133	-0.1373	0.0928	-0.2726	0.0626	-0.462	0.0685
PY03954	-0.9453	-0.2788	-0.055	-0.0682	0.0127	-0.0028	-0.0784	0.5606	0.2737	-0.0317	0.9314	-0.0223
PY01210	0.6908	0.2685	0.5824	0.3905	-0.2022	0.3598	0.2719	-0.043	0.3508	-0.146	-0.4631	0.0893
PY04167	-0.1676	0.1116	0.0587	0.0988	-0.3503	0.1406	0.4427	0.2363	0.6139	-0.3089	-0.0889	0.1113
PY07836	-0.475	0.3708	1.1156	0.2019	-0.3348	-0.0058	0.1427	-0.1537	0.0181	-0.2313	-0.3458	-0.0071
PY03473	-0.2371	-0.1998	-0.137	0.0498	0.1801	0.4481	0.1372	0.0052	-0.2495	-0.0312	0.2336	-0.1115
PY06314	0.7578	0.3537	0.2199	0.0151	-0.4575	0.2714	0.333	-0.0337	0.2585	0.0588	-0.442	0.345
PY04447	0.99	0.8471	0.9147	-0.0197	-0.4797	0.3661	1.0541	0.319	0.9539	0.3735	-0.3879	0.9755
PY05773	0.0397	0.2565	0.2539	-0.1559	0.4018	0.4297	0.3906	-0.0467	0.1734	-0.3928	-0.1593	-0.0507
PY06911	0.6127	0.5234	-0.1156	0.5999	-0.2328	-0.0856	-0.193	-0.3932	-0.3189	-0.355	-0.7326	-0.3309
PY07140	0.196	-0.0292	0.4143	0.2875	0.0128	0.1912	0.099	-0.0995	-0.1577	-0.1692	-0.3167	0.0721
PY03981	0.3347	0.1843	0.3197	-0.0538	-0.2505	-0.217	0.1077	0.1241	0.3057	0.3803	-0.2193	0.3992
PY05353	-0.1653	0.1466	0.2619	0.3276	0.2152	0.3976	0.3337	0.2683	0.1763	0.1906	-0.0756	0.3346
PY06837	0.2639	0.4222	0.2315	-0.0399	-0.2888	0.1105	0.1241	-0.1212	0.1733	0.2113	-0.2032	0.3026
PY00557	-0.1099	-0.0714	0.1374	-0.1254	0.3973	0.099	0.0703	-0.2475	-0.1061	-0.05	-0.0542	0.192
PY05072	0.2003	0.1064	0.1267	-0.571	0.2899	-0.2562	-0.0138	0.0852	-0.165	-0.2548	0.0724	0.0883
PY04468	-1.0869	-0.6376	-0.6814	-0.6297	-0.3373	-0.1234	0.1514	0.3721	0.2195	0.3343	0.9303	0.0089
PY02977	0.4333	0.3405	0.2725	-0.7698	-0.8735	-0.3726	-0.8625	-0.1023	0.2388	-0.2762	-0.4951	0.0659
PY03627	0.0811	0.2803	0.3737	0.3923	-0.1295	0.1496	0.1201	0.1093	0.5335	0.512	-0.0188	0.596
PY04060	-0.7395	0.07	0.5272	0.1697	-0.3775	-0.0852	0.1274	0.0036	0.244	0.264	0.4533	0.0131
PY00920	-0.1192	-0.0335	-0.1992	0.0077	-0.1153	-0.239	-0.1375	0.1246	-0.0839	0.1623	0.1237	-0.1122
PY04976	0.049	0.087	0.0978	0.4239	0.0445	-0.2068	-0.1658	-0.0958	-0.2446	0.0478	0.0938	-0.0857
PY07393	0.0634	0.1465	-0.1128	-0.3266	-0.0829	-0.269	-0.2074	-0.3641	-0.214	-0.3252	-0.2308	-0.2459
PY07506	-0.4658	-0.3209	0	-0.6405	-0.589	0.0395	0.0376	0.2641	0.3961	-0.0776	-0.6533	-0.5036
PY05753	0.7406	0.5422	0.4268	0.5988	0.098	0.3281	0.3126	-0.0674	-0.1959	-0.0827	0.0521	0.2324
PY00999	-0.0007	-0.1852	0.0218	-0.2804	0.1836	0.0133	-0.0903	-0.1919	-0.3996	-0.1906	-0.139	-0.6468
PY06160	0.0376	0.461	0.5974	0.0753	-0.2182	0.1047	-0.2182	-0.7595	-0.5074	-0.5721	-0.6946	-0.5567
PY06719	-0.1796	0.0139	0.2771	-0.0866	0.2424	-0.0114	0.0647	0.0664	-0.1288	0.1427	0.1713	0.1618
PY00734	-0.2734	-0.6542	-0.2482	-0.186	0.661	0.0783	-0.2375	-0.2374	-0.8289	-0.1127	0.5424	-0.4395
PY00943	0.3568	0.0996	-0.0515	0.0471	0.1219	-0.0463	-0.123	-0.4294	-0.1576	-0.3252	-0.2051	-0.0822
PY03162	-0.2063	-0.0121	-0.2748	0.1025	0.1945	-0.0764	-0.2655	0.4403	0.2047	-0.0242	0.3769	0.4576
PY07834	0.3752	0.2125	0.1258	0.2835	0.4103	0.1586	0.3029	-0.0635	-0.001	0.5203	-0.0549	0.3768
PY02754	-0.2391	-0.0414	-0.3431	0.8538	0.69	0.2874	0.229	0.3241	0.321	0.9519	0.8876	0.6245
PY03493	0.7526	0.3149	0.4181	-0.4835	-0.4036	-0.0713	0.4973	-0.326	0.2629	-0.484	-0.3076	0.4978
PY06077	-0.4589	0.2205	-0.1064	0.3645	-0.7663	-0.1889	0.2732	0.0177	0.2793	-0.5468	0.0133	-0.2493
PY05437	0.2866	0.2565	0.0867	-0.1998	-0.076	-0.1748	0.0244	0.0281	-0.0956	0.056	-0.0871	0.0203
PY00323	-1.3707	-0.2313	0.3216	-0.3216	-0.1849	0.034	-0.2443	0.0808	0.1509	0.1679	0.3831	-0.5477
PY03268	-0.0074	0.1349	-0.0304	-0.6617	-0.2508	0.2977	0.0609	0.076	0.3238	-0.136	-0.0834	0.2251
PY06213	0.6027	0.2638	0.3734	1.3817	0.4321	-0.0308	-0.1472	0.1586	-0.3347	0.7425	-0.2157	-0.455
PY01202	0.1505	-0.2374	-0.44	0.2116	0.1593	0.0859	-0.2635	-0.0972	-0.4564	0.0099	-0.3157	-0.1933
PY07194	-1.0045	-0.2817	-0.3519	-0.1795	-0.4411	-0.1441	0.0859	0.3653	0.2928	0.5496	0.7927	0.6238
PY05191	-0.1945	0.0738	0.1339	0.0078	-0.0839	0.0121	-0.1268	-0.1299	-0.4721	-0.0486	-0.2868	-0.2158
PY02935	0.7873	0.1156	1.1538	0.4452	0.2515	0.088	0.2435	-0.111	0.0389	-0.5032	-0.232	0.3747
PY00244	-1.0306	-0.4524	0.123	-0.5195	0.0655	-0.2197	-0.2487	-0.0824	-0.1996	-0.0502	0.302	-0.4243
PY04247	0.309	0.0815	-0.0957	0.0977	-0.0904	-0.2826	-0.2891	-0.3897	-0.2431	-0.2191	-0.2568	-0.2916
PY03943	-0.5329	-0.151	-0.205	0.0761	-0.9683	-0.1861	0.1002	0.4596	0.4079	0.2854	0.5007	0.2523

PY01854	0.0035	0.0699	0.0659	0.1052	-0.217	0.4014	0.1062	-0.0094	-0.0248	0.3989	-0.2866	0.1253
PY06890	0.4057	0.2901	-0.0397	0.2954	0.3765	0.0821	0.1449	0.2023	0.0883	0.4337	0.0898	0.1271
PY04822	0.4017	0.3106	0.2198	0.0632	-0.2609	0.0346	-0.0502	-0.2562	-0.0694	0.0965	-0.3146	-0.0912
PY02500	-0.7888	0.0735	0.5007	-0.3992	-0.7838	-0.225	0.2415	0.0702	0.3826	-0.0961	0.2231	0.323
PY04038	0.4617	0.1793	0.2262	0.9356	0.0057	0.0746	0.3322	0.5308	0.4321	0.6028	-0.1155	0.2558
PY06124	-1.5591	-0.4504	-0.3459	-0.1932	-0.3452	-0.2084	-0.0602	0.3967	0.2984	-0.3693	0.1019	-0.6188
PY01993	-0.3131	-0.3812	0.0746	-0.1925	-0.1738	-0.0527	0.0175	-0.0546	0.0022	0.0313	0.236	0.0959
PY05315	0.7731	0.154	0.1763	-0.0309	0.3679	-0.1879	0.0475	-0.2594	-0.1499	-0.3559	-0.461	0.1003
PY06460	0.0986	-0.1096	-0.0489	-0.2688	-0.0947	-0.2046	-0.0597	-0.261	0.0883	-0.3801	-0.4163	0.0185
PY02506	-0.3545	-0.2396	0.0294	0.7964	0.2585	0.201	-0.0943	0.2408	-0.1463	0.1503	-0.1099	-0.0332
PY03258	0.141	-0.3381	0.0645	1.4586	0.7804	1.7604	-0.0528	0.898	0.2692	1.5614	0.9471	0.3395
PY00808	-0.7671	-0.3432	0.0313	0.0019	0.2594	-0.0485	-0.2786	0.3108	-0.3773	0.2736	0.5217	-0.2095
PY03839	0.098	-0.2551	-0.0474	0.072	-0.0774	-0.1068	-0.2029	0.3762	0.2557	0.2392	0.5343	0.0639
PY04533	-0.372	0.0229	-0.2455	-0.0699	0.03	-0.2545	-0.2192	0.1734	-0.1208	0.005	-0.1086	-0.0465
PY04915	0.191	0.0664	-0.4883	-0.0749	-0.0753	-0.3813	-0.2237	-0.2943	-0.3304	-0.447	-0.2847	-0.0668
PY01263	-0.6314	-0.4705	-0.5455	-0.4235	-0.3123	-0.774	-0.2425	-0.0081	0.5763	-0.838	0.3227	0.1621
PY04330	-0.2837	-0.0062	-0.0362	0.205	0.1123	-0.4961	0.1641	-0.0593	-0.1954	0.7059	0.0644	1.5048
PY01678	-0.519	0.327	0.4901	-0.0956	-0.0654	-0.1009	0.0149	-0.0482	-0.0012	-0.0637	-0.0989	-0.9104
PY06501	0.0103	0.0107	0.1117	0.107	0.4768	-0.0313	-0.3946	-0.2212	-0.1364	-0.1481	0.4578	-0.1903
PY01156	0.5295	0.4093	1.0393	0.2806	-0.6646	0.198	0.9137	0.4573	0.9038	-0.1584	-0.2321	0.4494
PY06959	1.133	0.7103	0.7477	0.0904	-0.2267	0.1196	0.3085	-0.3679	0.1139	-0.2091	-0.9822	-0.0553
PY02030	0.1491	-0.0185	-0.014	0.334	0.1008	-0.0014	-0.2509	-0.0763	-0.3284	0.4691	-0.1533	-0.26
PY03484	0.0752	-0.0871	-0.2154	0.2777	-0.0076	-0.0667	0.0271	0.0835	0.3566	0.2215	-0.0092	0.2233
PY06250	-0.2148	-0.1778	-0.3724	0.7004	0.1936	0.2244	0.0894	0.0439	-0.0259	-0.3284	0.0327	0.1482
PY06259	-0.4441	-0.1446	-0.4054	0.0373	0.9256	-0.0574	0.1185	0.1704	0.2641	0.213	-0.0956	-0.2473
PY06730	-0.3502	-0.0839	0.0104	-0.028	-0.0215	-0.2741	-0.1413	0.0913	0.123	-0.261	0.6577	0.0131
PY00069	0.3469	0.1481	-0.1542	0.5874	-0.0855	0.1868	0.1678	-0.1061	-0.0695	-0.4154	0.053	0.3543
PY04096	0.1584	-0.4189	-0.7462	-0.3674	0.1163	-0.2344	-0.18	0.0139	-0.1107	0.1875	0.4882	0.1908
PY03426	1.1591	0.5356	0.4315	0.4195	0.3126	0.226	0.3688	-0.1733	-0.2249	-0.011	-0.6862	0.1078
PY02080	1.0109	0.5466	1.0308	0.0062	-0.4303	-0.0561	0.0949	-0.7979	0.2132	-0.3551	-1.1429	0.0115
PY01223	0.0031	-0.7133	-0.7929	0.0804	0.3683	0.0387	-0.2344	0.1617	-0.2054	0.0699	0.4839	0.0988
PY03950	0.1794	0.1147	0.3284	-0.1734	-0.3179	0.0319	0.1635	-0.3065	0.0895	-0.6865	0.2049	0.1397
PY01816	0.4312	0.3329	0.3701	-0.1248	-0.2202	0.0057	-0.1326	-0.2091	0.0432	-0.1295	-0.3017	0.2148
PY00610	0.2685	-0.4858	-0.1543	-0.1403	0.1884	-0.1177	-0.1981	-0.1034	-0.1247	0.0275	0.0136	-0.4275
PY01258	-0.0888	-0.0518	-0.3968	0.1548	0.6116	-0.1158	-0.1284	-0.2451	-0.3364	-0.2833	0.3921	-0.1054
PY06036	0.5868	0.6524	0.6698	0.0158	-0.3966	0.4444	0.6505	-0.0415	0.2206	-0.4841	-0.8402	-0.0767
PY04644	0.1347	-0.1733	-0.0458	0.2932	0.1302	0.0495	-0.0379	-0.0187	-0.1785	-0.4071	-0.2648	0.1223
PY05518	-0.2508	0.2117	0.1532	0.182	-0.1131	-0.185	-0.1173	-0.2451	-0.0679	-0.6195	0.1016	-0.3116
PY03371	0.8464	0.5116	0.4019	0.5222	-0.1395	0.1071	0.4735	-0.2936	0.2521	0.2329	-0.4915	0.3607
PY07616	-0.8318	-1.1802	-1.1605	-0.6296	0.1519	-0.1438	-0.0188	0.3553	0.2447	0.0938	0.1769	-0.1518
PY03022	1.23	0.8691	1.2933	-0.1541	-0.1541	-0.2178	0.071	-0.5964	-0.1568	-0.6061	-0.8593	0.1839
PY03249	0.0006	0.2297	0.1887	0.0006	-0.0539	0.2034	0.3267	-0.0049	0.1456	-0.284	-0.1782	-0.1272
PY02658	0.0176	0.22	-0.2388	-0.0564	-0.6452	-0.1352	-0.0757	0.2877	0.2521	0.0062	0.0683	0.2438
PY05761	-0.0572	0.1121	-0.2173	-0.3579	-0.1276	0.0965	0.0755	0.2694	0.1115	0.2706	-0.2813	-0.0596
PY03449	-0.6176	-0.1201	-0.5541	-0.6325	-0.0116	-0.0707	0.2446	-0.2922	-0.1952	0.0884	0.0048	0.1504
PY04086	0.4958	0.508	0.278	-0.2089	-0.2492	-0.8616	-0.4138	-0.3804	-0.0541	-0.2578	-0.0161	-0.2449
PY02951	0.208	0.1748	-0.0217	0.043	-0.3314	-0.2098	-0.0552	0.1914	0.1731	-0.0297	0.1317	-0.1038
PY04627	0.2802	0.1902	0.2429	-0.269	0.0568	-0.1023	-0.2651	-0.0785	-0.1488	-0.0232	0.2518	-0.0158
PY00969	-0.4094	-0.0257	0.0115	0.2772	0.3256	0.1826	0.0381	0.1113	-0.3424	0.2084	0.1331	-0.0902
PY03324	-2.6608	-0.7955	-0.7111	-1.6434	-1.5055	-0.5868	-0.1351	0.7784	0.3348	-0.196	0.1838	-0.6356
PY00639	0.5071	0.2192	-0.3554	0.3491	0.2907	0.0066	-0.1125	-0.1697	-0.3478	0.0771	-0.4747	0.0538
PY00568	-0.3136	-0.4395	-0.38	-1.0786	-0.7756	-0.2766	-0.1189	-0.1396	-0.546	-0.5127	-0.0613	-0.0004
PY02224	1.2392	0.7833	0.5406	0.3998	-0.4222	0.0694	0.2659	-0.4706	0.2622	-0.2809	-1.1407	0.1541
PY03908	-0.2284	-0.1272	-0.4587	0.0024	0.2758	0.0769	0.0452	0.1359	-0.117	0.2709	0.3231	-0.0579
PY02538	0.4037	0.2254	0.1327	0.7773	-0.1123	0.6116	-0.2196	0.011	-0.3614	1.0457	-0.436	-0.0464
PY05101	1.9608	0.7128	-0.792	-0.203	-0.0393	-0.5345	-0.6218	-0.7881	-0.7263	-0.6531	-0.7358	-0.8633
PY03790	0.3662	0.2568	0.4427	-0.092	-0.6034	-0.0506	-0.0141	0.1207	0.5514	-0.0303	-0.5425	0.3129
PY06414	-0.6072	-0.3219	-0.627	-0.7711	0.0399	0.5513	-0.0418	-0.2841	-0.3441	-0.5948	0.0325	-0.0027
PY00420	-0.1358	-0.2895	-0.3427	0.1854	-0.0524	-0.0309	-0.281	-0.0929	-0.2882	-0.0079	-0.223	-0.0343
PY01970	0.7086	0.3928	0.3908	0.3448	-0.0341	0.0695	0.0387	0.014	-0.1957	0.1417	-0.1731	-0.0049
PY06342	0.2135	-1.4184	-2.2038	0.729	1.6117	0.3652	-0.2641	-0.1678	-0.8158	0.3476	-0.7554	0.4391
PY05320	-0.5934	-1.015	-0.7322	-0.7118	-0.0147	-0.062	-0.1776	0.3406	0.4717	0.2788	0.6567	-0.4818
PY00632	0.171	-0.2259	0.1514	0.4271	0.3334	0.1825	0.1643	0.0898	-0.0158	-0.2272	0.1117	-0.0437

PY05280	0.242	-0.2795	-0.5097	-0.0587	-0.1519	-0.1567	-0.1188	0.2041	-0.0771	0.3469	-0.2294	0.2941
PY01179	-0.1816	0.0497	-0.0506	0.0495	0.289	0.2908	0.0013	0.1468	0.0638	-0.0674	0.2254	0.1485
PY06529	0.7914	0.3052	0.0782	0.2897	0.4071	-0.1762	-0.097	-0.3686	-0.3127	-0.3265	-0.1701	0.0802
PY06821	0.7045	0.3339	-0.0631	1.0939	0.4219	-0.0015	0.3209	-0.1677	-0.1662	-0.3949	-0.8383	0.0586
PY01095	-0.253	-0.6028	-0.9613	-0.3341	0.0955	-0.3211	-0.0939	-0.0156	-0.0796	-0.2397	0.289	0.5542
PY05811	0.4601	-0.0464	0.0386	0.1941	0.1154	-0.0062	0.0236	-0.3009	0.3443	-0.0283	-0.0565	0.032
PY02617	0.7826	0.0396	0.1031	0.2242	-0.2965	0.1761	0.384	0.3509	0.3383	0.5321	-0.4771	0.2987
PY06373	-0.1147	-0.3437	-0.2618	-0.0454	-0.1664	0.0731	-0.0515	-0.1569	-0.2597	-0.0978	-0.0436	-0.0278
PY03812	-0.2866	-0.1646	-0.1964	-0.8861	-0.4317	-0.1027	0.0585	0.1265	0.2465	-0.5678	0.0372	0.0828
PY02062	-0.1049	-0.3822	0.1599	0.2842	0.1847	0.4308	0.1338	-0.0329	0.1522	0.2209	0.0159	0.0187
PY05014	-1.014	-0.0759	-0.0469	-0.5523	-0.0302	0.1242	0.1873	-0.049	0.0573	0.222	0.6198	-0.1717
PY04760	-0.9249	-0.2694	-0.6087	-0.804	-0.326	-0.1384	0.0546	0.5774	0.0792	-0.0937	0.2683	-0.4436
PY06069	-0.7526	-0.1322	0.2148	0.2632	0.3798	0.569	0.2831	0.3678	-0.0662	0.5195	0.0342	-0.2314
PY04610	-0.276	-0.0743	-0.0851	-0.3766	-0.0477	0.1596	0.1147	-0.1204	-0.0485	0.0888	-0.1374	0.1953
PY07020	0.288	0.2072	-0.3067	0.8851	0.5052	0.1552	0.0121	-0.0536	0.285	0.3987	0.299	0.4662
PY02585	-0.6283	-0.1418	-0.138	0.0131	-0.6768	0.1018	0.0704	0.3472	0.1165	-0.6271	-0.1719	-0.5322
PY01253	-0.459	-0.4308	-0.5607	-0.4444	0.0647	-0.1423	-0.1058	0.196	-0.0078	0.0031	0.5765	-0.405
PY06256	-0.5977	-0.0658	-0.292	0.1285	-0.3119	0.2649	0.1816	0.1587	-0.2512	-0.1632	0.1725	-0.2223
PY03757	-0.2964	0.1412	0.301	0.3002	-0.0577	-0.2798	-0.4484	-0.3162	-0.382	0.1014	-0.266	-0.2364
PY05225	0.4371	0.2679	0.5753	-0.1673	0.1416	0.3362	0.2318	-0.1822	-0.1766	-0.3554	-0.6301	-0.1044
PY01118	-0.592	-0.3877	-0.1817	0.043	0.2939	-0.03	-0.2121	-0.2772	-0.4003	-0.2557	-0.2274	0.1342
PY00516	-0.1345	-0.2228	-0.1503	0.0943	0.3363	-0.1807	-0.3768	-0.055	0.0138	0.3368	0.3942	-0.006
PY04955	1.2816	0.8053	0.681	0.2019	-0.6648	0.5397	0.3538	-0.0413	0.2629	0.079	-0.6795	-0.4116
PY00798	-0.4151	-0.1261	-0.148	-1.396	-0.5233	-0.2664	-0.1389	0.1659	0.0691	-0.2055	0.5077	-0.2467
PY01247	0.3137	0.1712	-0.4629	-0.0102	-0.4021	0.4515	0.2954	0.0558	0.1149	0.0155	-0.4478	0.1705
PY04346	0.271	0.4524	0.1112	-0.5983	-0.2203	0.1461	0.2413	-0.4846	0.2027	0.1353	0.2818	0.1397
PY03005	-0.1147	-0.3321	0.1766	-0.3358	0.1111	0.3315	0.0659	-0.1045	0.0827	0.0658	-0.2221	0.4766
PY00836	0.6198	0.1763	-0.3291	0.2399	0.5132	0.3663	-0.1441	0.0741	-0.6932	0.1767	-0.3022	-0.5057
PY00654	0.2803	0.1953	-0.3266	0.6044	0.1988	-0.2814	-0.3565	0.1548	-0.1697	0.3103	-0.1118	-0.2016
PY04387	0.0328	0.0841	0.631	-0.0916	0.0552	-0.0126	-0.0849	-0.1077	0.2183	-0.4421	-0.076	0.4084
PY00111	-0.9187	0.17	0.4561	0.1584	0.6314	0.6993	0.2479	0.2295	0.004	-0.3618	0.2833	-0.5855
PY05691	0.0229	-0.0491	0.252	-0.3486	-0.3154	-0.2156	-0.2896	-0.1403	0.0669	0.1658	0.2121	0.1143
PY00590	-0.9655	-0.2144	-0.28	0.2262	-0.107	-0.1327	-0.1988	0.1484	-0.0111	0.2074	-0.209	-0.2234
PY02241	-0.1054	-0.3508	-0.463	0.4634	0.3698	-0.0959	-0.3816	0.1581	-0.0418	0.7863	-0.042	-0.0239
PY03832	0.5385	0.1342	0.0583	0.3115	0.1988	0.0143	0.0448	-0.2383	-0.0099	0.0461	-0.2781	0.1105
PY01296	-0.2875	-0.2201	-0.1732	-0.3181	-0.0551	-0.2888	-0.167	-0.1143	0.3617	-0.2026	0.4072	0.4772
PY06520	-0.9206	-0.3687	-0.3886	-0.2732	0.0679	-0.098	0.1572	0.3841	-0.0136	0.0291	0.6155	-0.328
PY02654	-0.8002	-0.1407	-0.0217	-0.0701	-0.8812	-0.1187	-0.0066	0.1727	0.2021	-0.181	0.0994	-0.0413
PY03826	0.2614	-0.0021	0.2199	-0.4312	-0.2941	-0.071	-0.2	0.0859	0.0051	-0.678	-0.3869	-0.2933
PY01941	-0.1299	-0.2712	-0.0419	0.0427	-0.1937	0.1305	-0.4822	0.0699	0.0923	0.2962	-0.3846	0.005
PY02790	0.0614	0.2406	0.2339	0.4912	0.1093	-0.0864	0.1352	-0.1131	0.0903	-0.4802	-0.1604	0.1201
PY02856	-0.6263	-0.4532	-0.3488	1.3053	0.6343	0.6573	0.0847	0.6991	0.2011	0.7935	1.1599	0.0325
PY05303	-0.9358	-0.3104	0.278	-0.3793	-0.1228	-0.0764	-0.0472	0.0746	-0.0321	-0.0753	0.2407	-0.3624
PY03015	-0.2629	0.1376	-0.0978	-0.1425	-0.0453	-0.1397	-0.0053	0.0062	0.2077	-0.2493	-0.4343	-0.2152
PY02268	0.1999	-0.2425	-0.3155	-0.2937	-0.0121	-0.1204	-0.2192	-0.1584	0.123	0.1658	0.1907	0.1659
PY07138	0.0573	0.2445	-0.4686	-0.2496	0.2779	0.1155	-0.1553	-0.1924	0.2395	0.1984	0.1006	0.2483
PY04149	-0.2998	0.331	0.2321	-0.1139	-0.2831	-0.4148	-0.0452	0.0431	0.0773	0.0455	0.8372	0.053
PY03780	0.6816	0.6906	1.0014	0.3185	-0.4048	-0.1103	0.0921	-0.4916	-0.1452	-0.1014	-1.0453	0.1079
PY05295	-0.2309	-0.0149	-0.2023	-0.1282	-0.0207	0.2088	-0.042	-0.2105	-0.2201	-0.4404	-0.3094	-0.0676
PY02339	-1.3432	-0.9875	-0.0728	-0.3115	-0.047	-0.2346	-0.0958	0.3956	0.3377	0.4631	0.7876	-0.5553
PY02088	-0.3622	-0.016	0.1591	0.2605	0.2102	-0.0721	-0.0173	0.0653	0.0785	0.2277	0.0133	-0.1751
PY03704	0.6349	0.5452	0.7329	0.3914	-0.1124	0.3946	0.3421	-0.031	0.1599	-0.1479	-0.2494	-0.1565
PY03382	-0.5494	-0.427	-0.3157	0.4339	0.2445	0.2897	0.0728	0.8188	0.5644	0.5883	1.0046	0.0485
PY01751	0.212	0.2745	0.6964	0.3443	-0.0925	-0.0873	0.0614	0.0557	0.2941	0.0116	0.0283	0.3801
PY05156	-0.0605	0.0547	-0.1305	0.1113	-0.0968	-0.1537	-0.2081	-0.0884	-0.1996	-0.6458	-0.3239	-0.189
PY00445	-0.2458	-0.2052	0.0269	-0.2315	-0.3155	-0.1632	0.0706	0.1581	0.1422	-0.2011	0.2773	0.1006
PY00965	-0.1284	-0.3322	-0.2942	-0.0629	0.1237	0.0087	0.2824	0.0448	0.212	-0.0524	0.228	0.0679
PY01149	-0.5158	0.0382	-0.0589	0.0521	-0.2315	-0.232	0.0671	0.1349	0.438	0.5525	0.4824	0.5282
PY07229	-1.1939	-0.5708	-0.5263	-0.7676	-0.5985	-0.3545	-0.0919	0.4658	0.0543	0.1515	0.3868	-0.2292
PY00695	0.5036	0.174	0.3134	0.1253	-0.0106	-0.003	-0.2905	0.0395	-0.0096	-0.0292	0.209	0.2432
PY02269	0.2907	-0.007	-0.0492	-0.2039	-0.1587	0.1017	0.1007	-0.0401	0.0724	-0.1019	-0.1875	0.3176
PY06577	0.0342	-0.1275	-0.1768	-0.247	-0.0041	-0.1291	-0.055	0.1331	0.0637	0.0366	0.3841	-0.0219
PY04662	-0.1763	0.3426	0.1947	-0.0901	-0.1346	-0.2432	-0.0057	0.0365	0.0755	0.2889	0.4985	0.3228

PY06530	0.0325	0.1863	0.391	-0.0613	0.1931	-0.0478	-0.0373	-0.0731	-0.0741	-0.0744	0.3048	-0.1179
PY00465	-0.1133	-0.0028	0.1884	0.2868	0.0119	0.1983	0.0424	-0.1635	-0.3458	0.0312	-0.2072	0.0417
PY07596	0.1161	0.1202	-0.1367	-0.1588	0.1743	-0.0694	-0.0751	0.0354	0.0316	0.299	0.0566	0.2454
PY03703	0.7078	0.5221	0.0243	-0.2083	0.2115	-0.0932	-0.3131	-0.1697	-0.1956	-0.374	0.136	-0.5917
PY04796	0.139	-0.0166	-0.1776	-0.0155	-0.2147	-0.05717	-0.4953	-0.3635	-0.3158	0.0661	0.0266	-0.1514
PY06372	0.2179	0.136	0.0929	-0.2887	-0.2291	-0.057	0.171	-0.448	0.2337	-0.3127	-0.2994	0.2895
PY06820	0.907	0.498	0.1893	0.0099	-0.0636	0.003	0.3753	-0.0571	0.353	-0.1363	-0.4305	0.3521
PY06600	0.1937	-0.0538	0.3998	-0.325	-0.4461	-0.3482	0.2057	-0.1264	-0.2528	-0.1259	0.0836	0.934
PY06626	-0.2657	0.1198	0.0781	-0.1	-0.2177	-0.0741	0.1165	-0.0502	0.109	0.0443	0.2558	0.0158
PY04329	-0.1301	-0.3544	0.0985	0.0035	-0.3658	-0.2797	-0.1269	0.1111	0.452	0.6432	-0.1119	0.8039
PY04723	0.0476	-0.0825	-0.02	0.0136	-0.5214	-0.1045	-0.1598	-0.1518	-0.0842	0.1043	-0.1913	0.3119
PY02863	-0.1987	0.3106	-0.1225	-0.5083	-0.3563	-0.1532	0.389	0.4979	0.2301	0.2793	0.282	0.3466
PY01712	-0.2328	-0.2744	-0.1287	-0.1694	-0.1621	-0.0014	-0.0495	-0.0016	-0.0495	-0.4292	0.0249	0.057
PY01266	-0.3274	-0.2964	-0.0273	-0.1149	0.3117	-0.1279	-0.0645	-0.2235	-0.2443	-0.1902	0.2591	0.0351
PY04422	-0.9002	-0.4301	-0.5014	0.1848	0.0514	-0.1819	-0.3446	-0.1137	-0.288	-0.1638	0.1555	-0.054
PY03521	-0.8458	-0.105	0.0885	-0.7714	-0.1348	-0.045	-0.002	-0.2609	0.0441	-0.349	0.1442	-0.0383
PY00861	-0.845	-0.7936	-0.4803	0.1549	0.304	0.2275	0.1588	0.1645	-0.1107	0.2544	0.2905	-0.0602
PY02213	-0.1884	0.0182	0.2159	0.0649	0.0741	0.0618	-0.1009	-0.0836	-0.2507	0.2014	-0.0397	0.061
PY05258	-0.029	0.0253	0.1679	0.0485	-0.2053	0.1269	0.0674	-0.2876	0.2934	0.0268	-0.2102	0.1072
PY04873	1.1152	0.6973	0.3488	0.5602	-0.8076	-0.2355	-0.4088	-0.7458	-0.2021	-0.3728	-0.7912	-0.2197
PY01106	0.4471	0.2863	0.1638	0.0132	-0.1174	0.058	-0.0598	-0.1313	-0.2614	0.1668	-0.08	0.0368
PY05972	0.1294	0.2803	-0.4468	-0.6815	-0.744	-0.288	-0.045	0.2254	0.0159	0.1468	-0.0461	-0.0474
PY05451	-0.3213	0.1546	-0.0248	0.609	0.5367	0.2828	-0.178	0.2674	-1.0115	2.2564	0.5876	-0.0011
PY04525	-0.1852	-0.155	-0.4971	-0.1697	-0.2823	0.3873	0.3135	0.2647	0.211	-0.0325	-0.0355	-0.1527
PY02551	-0.1463	-1.391	0.1005	-0.5681	-0.4621	-0.132	0.2035	0.1127	0.1186	-0.0063	0.2635	0.0656
PY06653	0.3873	-0.0593	-0.0995	0.0295	-0.0818	0.179	-0.1112	-0.066	-0.1085	0.0498	-0.427	0.2411
PY05844	-0.1956	0.1706	-0.123	-0.4295	-0.0547	0.0053	0.2454	0.1195	0.0758	0.0697	0.1125	0.209
PY00288	-0.176	-0.3941	-0.1661	0.5568	-0.1463	0.0162	0.1041	0.3044	0.2451	0.6195	0.9083	0.2591
PY00140	-0.7933	-0.3612	0.2338	-0.5444	0.066	-0.0299	-0.1447	-0.0937	-0.26	-0.2007	0.1085	-0.2536
PY07006	0.4065	-0.4081	-0.744	0.5321	0.307	0.1407	-0.3986	0.0028	-0.3609	0.1977	-0.2678	0.2604
PY00799	-0.407	-0.0345	-0.5149	-0.3083	-0.0681	-0.2913	-0.1309	0.0468	0.2283	-0.0795	0.2638	-0.4974
PY00583	0.0406	-0.3116	-0.6464	-1.3298	-0.2634	-0.2899	-0.2755	-0.558	-0.3712	-0.9546	-0.7365	0.1817
PY00128	0.0804	-0.3575	-0.0903	0.5164	0.2576	0.3598	-0.0171	0.0516	0.1796	0.4603	0.2196	0.1957
PY04265	0.1346	0.0893	0.0868	0.1273	-0.1723	-0.2319	0.039	-0.3541	0.0904	-0.0725	0.1758	0.3778
PY00506	-0.3718	-0.238	-0.2663	-0.4117	-0.7576	-0.1352	-0.295	-0.0534	-0.0226	0.1739	-0.4772	-0.0374
PY02626	-0.2349	-0.0891	-0.149	0.0073	0.5376	0.1568	-0.1032	-0.0388	-0.1431	-0.2153	0.2485	-0.0721
PY04983	0.0484	0.2689	0.4542	-0.007	-0.4084	-0.362	-0.1994	-0.1835	-0.1058	-0.2309	-0.6419	-0.3051
PY06157	-1.1966	0.3004	0.6279	-0.543	-0.8544	-0.4843	-0.4675	-0.177	0.1541	-0.1552	0.4269	0
PY06908	-0.7081	-0.0308	0.265	-0.1185	0.0533	0.1674	0.1857	-0.0235	0.0073	-0.2661	0.0487	-0.1369
PY01598	0.0473	-0.014	-0.0289	-0.3142	-0.139	-0.0478	0.1591	-0.4026	0.1377	-0.6114	2.2695	0.1331
PY04715	-0.1055	0.0072	-0.4018	-0.3037	-0.572	-0.3207	-0.3172	0.4008	-0.1294	-0.5671	-0.0681	-0.5784
PY05287	-0.1956	-0.1374	-0.0467	-0.2334	-0.0471	0.0158	-0.0009	0.0453	0.297	-0.1092	0.0922	-0.0739
PY01463	0.3114	0	-0.1438	-0.0256	0.2946	0.0244	-0.3362	-0.3572	-0.3302	-0.0787	-0.7255	-0.0664
PY01270	-0.5214	-0.2334	-0.0706	0.2251	0.2489	0.1175	0.1396	0.4277	-0.0504	0.1012	0.171	-0.5921
PY02464	-0.5293	-0.4557	-0.4664	-0.1408	0.5089	0.3035	-0.0387	0.0812	-0.1719	0.3115	0.2068	0.1233
PY06972	0.395	0.3827	0.3329	-0.0535	0.2628	-0.1358	-0.1957	-0.5162	-0.3119	-0.6842	-0.387	-0.3742
PY03272	0.3781	0.0534	0.0603	0.5394	-0.0671	-0.0217	-0.2365	-0.0515	-0.6563	-0.1632	-0.5198	-0.5873
PY02531	-0.3761	0.0979	0.0921	0.2565	-0.1368	-0.2372	-0.1126	0.3033	0.0738	-0.3043	0.07	0.151
PY05775	-0.8516	-0.2615	-0.172	-0.153	0.3226	0.6349	0.5917	0.5806	0.1418	-0.1503	0.1708	-0.2834
PY03964	0.3593	-0.0065	-0.0805	-0.103	0.1189	-0.1336	-0.0738	0.0005	-0.0127	0.1666	0.4049	-0.0798
PY01422	-0.9703	-0.0624	0.1167	-0.3942	-0.0859	0.0179	-0.0515	0.2724	0.2389	0.1947	0.6954	-0.0602
PY02857	0.1577	0.2797	0.3397	0.1016	0.1587	0.1978	0.1535	0.4306	0.3474	0.304	0.7833	0.2567
PY04711	-0.1268	0.7307	-0.3149	-0.9956	-0.4437	-0.156	-0.1034	-0.0032	-0.1706	-0.1692	-0.5869	-0.7511
PY00703	0.556	0.1769	0.5334	0.2387	0.1459	0.1902	0.3221	-0.2993	0.1131	-0.2758	-0.4667	-0.0425
PY05057	-0.0215	-0.0271	0.1421	-0.4256	-0.4883	-0.75	-0.4621	-0.189	-0.0837	0.1315	0.2211	-0.0011
PY02403	-0.6353	-0.4528	-0.3535	-0.2844	0.1671	0.1067	-0.0064	0.3787	-0.1334	0.0962	0.675	-0.1903
PY00953	-0.1026	-0.0969	0.0356	-1.1134	0.05	-0.0263	-0.0178	-0.968	-0.3545	-1.3736	-0.8757	-0.0656
PY00223	-0.3361	-0.3523	-0.343	0.1677	0.5253	-0.0236	-0.1798	0.0905	-0.1448	0.5899	1.0038	0.2045
PY01746	-0.8568	-0.525	-0.8027	-0.648	0.0339	0.2615	0.0654	-0.0928	-0.4624	0.1024	0.3186	-0.294
PY01939	-0.0944	-0.1515	-0.2115	-0.3792	0.3773	-0.2175	-0.2878	-0.5128	-0.6918	-0.3308	-0.2667	-0.5606
PY05177	0.3495	0.087	-0.2954	0.424	0.0989	0.0911	0.0909	0.2166	0.0459	0.176	0.1094	-0.0826
PY06214	-0.4868	-0.1168	-0.2075	0.4741	-0.154	-0.0914	0.0395	-0.0495	0.0155	-0.4561	0.656	0.0107
PY00694	0.157	0.2124	-0.2079	-0.435	-0.7347	-0.5783	-0.1924	-0.2346	0.0281	-0.0713	-0.1272	-0.0702

PY05097	-1.2631	-0.4964	-0.4483	-1.149	-1.737	0.0573	0.1352	0.6274	0.5244	-0.0063	-0.2126	-0.0585
PY02192	-0.4886	-0.1201	0.1011	0.2227	0.0057	-0.0379	0.041	-0.0089	0.0428	0.1225	0.055	0.1597
PY06403	0.1486	0.3441	0.3891	0.4567	0.0996	0.0613	0.2893	0.2319	0.2288	0.0294	0.0583	0.1236
PY01792	0.2604	-0.1746	-0.3871	0.0927	0.292	-0.1314	-0.2941	-0.2982	-0.414	0.0222	-0.1823	-0.0559
PY02792	0.294	-0.215	0.2636	-0.0023	-0.0881	0.2008	0.4754	-0.1018	0.1965	0.3973	-0.4219	0.2077
PY01794	1.2089	0.6289	0.8355	-0.1991	-0.3526	-0.0979	0.2966	-0.5287	0.046	-0.6885	-0.9334	0.1676
PY01089	-0.8698	-0.1496	-0.1953	-0.3524	-0.7027	-0.0021	0.0651	0.0923	0.0503	-0.2545	0.0002	-0.1118
PY04157	0.4887	0.3889	0.1224	0.0348	0.4162	-0.013	0.1628	-0.1406	-0.0701	-0.1629	0.0453	0.0496
PY00757	-0.2836	-0.4847	-0.1364	0.6948	0.3435	0.1804	-0.2582	0.2067	-0.213	-0.2132	0.3012	0.1218
PY02680	0.0985	0.3631	0.3594	1.823	-0.2817	-0.0348	-0.0831	0.1653	-0.0747	-0.0841	-0.2387	-0.3295
PY02097	0.7866	0.8372	0.9953	0.2801	-0.5701	0.2772	0.3734	-0.3455	0.0076	-0.6956	-1.1938	0.0892
PY02800	-0.4533	-0.1536	-0.703	0.3181	0.3083	-0.0137	-0.3373	0.0035	-0.3858	-0.2806	0.3237	-0.2525
PY00189	-0.135	-0.2055	-0.4467	-0.0716	-0.2413	-0.3372	-0.3642	-0.0995	0.124	0.3005	-0.0367	0.0707
PY02070	-0.3978	-0.4831	-0.3849	0.3499	0.4534	0.22	-0.0106	0.067	-0.3353	0.099	0.4717	0.0496
PY03864	0.4625	0.0712	-0.1564	-0.0977	-0.1366	0.0064	-0.0041	#####	0.2251	0.2113	-0.1893	0.4764
PY04563	-0.3318	0.0194	-0.3101	0.2437	-0.0178	-0.4254	0.2404	0.8113	0.4673	0.442	0.6378	0.149
PY03306	-0.179	-0.0041	0.2525	0.6319	-0.1109	0.0303	0.2451	0.4858	0.5291	0.731	0.0047	0.231
PY06412	0.3333	0.2616	-0.4598	-0.2248	-0.7142	0.3421	0.066	0.1217	0.1838	0.2948	-0.3656	0.3055
PY05980	-0.1795	0.0077	-0.0296	-0.7226	0.1447	0.2418	0.5695	0.0445	0.0226	0.0011	-0.2482	0.2199
PY05205	0.0979	0.2292	0.6489	0.127	-0.3177	-0.0429	0.4161	0.3009	0.7828	0.362	-0.2949	0.7236
PY03117	-0.2257	-0.0697	-0.1914	0.6314	0.4521	0.2629	0.0146	-0.1492	-0.1843	0.2493	-0.1944	0.1482
PY03312	-0.1729	-0.1808	-0.0843	-0.6638	-0.468	-0.4104	0.0301	0.0039	0.0039	-0.2863	-0.041	0.4628
PY05455	0.0596	-0.2816	-0.6455	-0.1982	0.0595	-0.1371	-0.0878	0.1763	-0.1889	0.0276	0.0674	-0.2479
PY02865	-1.3018	0.0253	0.1973	-0.3324	-0.6912	-0.2125	0.0765	0.3856	0.0873	-0.2592	0.1168	-0.1606
PY02997	0.2972	0.0303	-0.0162	0.1179	0.1331	-0.331	0.0741	0.1686	-0.0884	-0.9494	-0.198	-0.1465
PY01608	0.0676	-0.2525	-0.0118	-0.0101	0.0225	0.1487	-0.0991	-0.1782	0.1741	0.0264	-0.1986	0.2245
PY00824	0.1899	-0.0342	-0.421	-0.1084	0.2576	-0.0039	0.1826	-0.1754	-0.4893	-0.2301	0.126	0.1417
PY02160	-0.3751	-0.254	-0.0484	-0.0334	-0.1129	0.6981	0.0576	-0.1054	-0.1055	0.0272	0.5333	-0.0904
PY06455	-0.6884	-0.3074	0.1747	-0.0731	-0.4034	0.0159	0.5907	0.4841	0.2678	-0.1576	0.2641	0.0797
PY07045	0.7623	0.7419	-0.1813	0.0623	0.1719	-0.1239	-0.076	-0.0994	-0.074	0.0046	0.0786	-0.1248
PY03130	-0.0398	-0.0414	0.0223	0.0677	-0.2732	-0.1921	0.0272	-0.136	0.1075	0.5914	0.1381	0.1832
PY05664	-0.4606	-0.2474	-0.1811	0.0222	0.4316	0.4381	0.0737	-0.0419	-0.1564	0.2389	0.0837	-0.3016
PY01355	0.0993	-0.2291	-0.5706	-0.15	0.1631	0.0543	-0.0202	-0.2039	-0.1924	-0.5302	-0.2535	-0.0208
PY02079	0.0635	0.0585	-0.4025	0.333	0.0564	0.3864	-0.0341	-0.1765	-0.3159	0.0891	-0.3017	-0.1342
PY00303	0.3455	0.0624	-0.0018	-0.1179	-0.2652	-0.0228	0.0242	-0.2818	-0.1862	0.3507	-0.0216	-0.3242
PY00675	-0.27	-0.0581	0.1746	0.8633	0.1252	-0.0861	-0.1331	0.4432	-0.147	0.7362	0.7646	-0.1038
PY01166	0.006	-0.1143	-0.0002	-0.7562	-0.3511	-0.2714	-0.0166	-0.1745	0.084	-0.4384	-0.5068	0.222
PY03239	0.5381	0.25	0.3392	0.4725	0.2133	0.1881	0.1848	-0.0198	-0.0176	0.1116	0.0631	0.1938
PY04075	-0.4634	-0.4066	-0.362	0.073	0.8208	-0.1339	-0.3294	-0.0471	-0.1333	-0.0068	0.1925	-0.1239
PY06119	-0.3339	-0.2216	-0.9529	0.3818	0.455	-0.2318	-0.2159	0.4495	-0.0957	0.4261	0.3583	-0.0198
PY05952	-0.2978	-0.2079	-0.1524	-0.1486	0.0959	-0.0014	0.0853	-0.0562	-0.0065	0.2125	-0.2749	0.1153
PY03137	0.2886	0.0793	0.0145	-0.066	-0.0603	-0.0121	-0.0814	-0.1093	-0.0308	-0.1372	0.0823	0.1007
PY03932	0.25	0.112	0.2093	0.4925	0.3341	-0.1667	-0.2311	-0.3526	-0.1372	-0.3525	-0.2124	-0.1912
PY02495	0.2043	0.2625	0.1494	-0.1918	0.1046	0.0859	-0.4108	-0.0378	-0.3799	-0.1257	-0.3809	-0.7319
PY04606	-0.6835	-0.2702	-0.4694	-0.3326	-0.3815	-0.5144	-0.1365	0.2547	0.2273	0.5021	0.9499	0.2285
PY03480	0.8291	0.2974	0.1882	0.2807	0.2392	-0.0365	0.0693	0.1887	-0.1631	0.0468	-0.3751	0.0371
PY03102	0.1282	-0.0255	-0.1442	0.0636	-0.1811	-0.0788	-0.2347	0.0319	0.2042	0.3621	0.3185	0.5806
PY01867	-0.0433	0.0177	0.1316	-1.0068	-0.5723	0.1877	0.4807	-0.269	0.3098	-0.5255	-0.5239	-0.046
PY06112	-0.408	-0.1087	-0.1709	0.307	0.7334	0.3123	-0.1103	0.2201	-0.2927	0.2714	-0.0444	-0.325
PY02999	-0.2838	-0.2081	-0.2841	0.405	0.2259	0.0217	0.1209	0.3237	0.0276	0.1432	0.2984	0.2812
PY03711	1.0254	0.8254	0.729	0.6419	-0.4393	0.161	0.2124	-0.2738	0.086	-0.1116	-1.1214	0.0692
PY03605	-0.4123	-0.0618	-0.4538	-0.2668	-0.1294	-0.0757	-0.2166	0.0023	-0.1905	0.0213	-0.1841	-0.0856
PY02881	-0.8658	-0.2205	0.0512	-0.1986	-0.0356	-0.183	-0.2258	0.035	-0.1963	0.3418	0.1302	-0.4689
PY04557	0.0246	0.1804	-0.1525	-0.4874	-0.2787	-0.283	0.0855	0.2756	0.1972	0.4438	0.0052	0.3781
PY05388	-0.2069	-0.1216	-0.1161	-0.1418	-0.0921	-0.1324	-0.0554	-0.1154	0.0633	0.116	-0.0826	0.0833
PY02349	-0.2612	-0.8096	-0.2125	0.1058	0.1934	0.0693	-0.1078	-0.1504	-0.4594	0.4414	-0.1148	0.0766
PY06560	0.5784	0.2346	0.3205	0.1173	-0.0852	-0.1078	0.0269	-0.2711	0.1262	-0.866	-0.3706	0.2628
PY04095	1.129	0.4433	0.2948	0.5027	0.316	0.3673	0.0032	-0.3236	0.0802	-0.0955	-0.0077	0.1054
PY07642	-0.3489	-0.0732	-0.0847	-0.3339	0.4172	-0.134	-0.2041	-0.1627	-0.336	-0.0475	0.133	-0.1135
PY00077	0.4219	-0.0254	-0.2622	-0.437	0.0422	0.2252	0.2467	-0.3263	0.1586	0.1637	0.0153	0.4375
PY00241	-0.4126	-0.2389	-0.3937	-0.3749	0.2794	-0.3205	-0.1042	-0.6388	-0.3776	-0.5667	-0.295	-0.1095
PY04952	-0.6837	-0.1439	-0.237	0.1842	0.2388	-0.16	-0.1535	0.081	0.2662	-0.1145	0.0375	-0.7296
PY02640	0.5342	0.0184	0.2224	-0.2678	0.1053	0.2925	-0.0515	-0.446	-0.1137	-0.3861	-0.0686	-0.6056

PY03290	0.9081	0.2169	-0.2878	0.1055	1.8283	0.0716	0.0945	-0.1155	-0.0566	0.0189	-0.2697	-0.0298
PY02340	0.1381	0.0078	0.2163	-0.427	0.1724	-0.0797	0.3402	0.1232	0.4193	-0.1555	0.2274	0.3457
PY03882	0.9929	0.7221	-0.0512	0.4644	0.1927	0.1887	0.2637	-0.0996	0.0655	-0.0945	-0.3115	0.07
PY05555	0.602	-0.0754	-0.1656	0.1323	0.3904	-0.093	-0.2355	-0.3435	-0.3045	-0.0811	-0.4533	0.0217
PY03425	-0.562	-0.0878	0.4377	0.4256	0.2317	0.277	0.1873	0.1497	0.2599	0.518	0.3327	0.0492
PY06874	0.4162	-0.0351	-0.1798	0.2676	0.2319	0.1904	0.0485	0.1142	-0.0671	-0.6685	0.2066	0.4378
PY01892	0.0131	0.1262	0.0146	-0.3373	-0.1497	-0.2939	-0.2173	-0.2587	-0.212	-0.5276	0.4073	-0.1872
PY02311	0.1514	-0.1838	-0.5411	-0.3517	0.0917	-0.0115	-0.3181	-0.014	-0.3246	-0.254	-0.2193	-0.504
PY01123	-0.472	-0.3346	-0.0102	-0.3904	-0.0854	0.1376	-0.0048	-0.104	-0.2151	0.3451	0.0547	-0.1913
PY03664	0.7995	0.5828	0.5765	0.1752	0.2985	0.0748	0.1505	-0.027	0.1652	-0.233	-0.8293	-0.5659
PY00070	-0.8465	-0.0037	0.3341	-0.0392	-0.0815	0.2284	-0.1043	0.0908	0.1701	-0.0434	-0.0552	-0.1394
PY07168	0.5677	0.3789	0.3571	0.2518	-0.0255	0.2135	0.1517	0.1431	-0.0535	0.1282	0.1065	0.1953
PY05959	0.1852	0.1497	0.2867	-0.1492	0.1768	-0.0481	0.1993	-0.2174	-0.0278	-0.4778	-0.0012	-1.0392
PY01092	-0.2458	-0.043	0.0942	0.0109	-0.1173	-0.1323	-0.3071	0.0064	0.0013	0.2381	0.52	-0.364
PY06544	0.2984	0.0623	0.0081	0.5384	0.3455	0.0809	0.0353	-0.0728	0.0321	-0.4422	-0.1179	0.1098
PY04990	-1.0042	-0.241	0.1515	0.3062	0.0894	0.1447	-0.28	0.0957	-0.3316	-0.1359	0.1829	-0.5519
PY06724	-0.0629	0.1532	-0.2962	-0.5357	-0.5915	-0.1339	0.3143	0.3016	0.4243	0.0002	-0.1006	0.2999
PY02990	-0.3061	0.0012	-0.1185	-0.0928	0.2266	0.092	-0.0395	-0.0633	-0.2105	0.2535	0.1775	-0.2032
PY02781	0.2181	0.29	0.3422	-0.2197	-0.2612	-0.2066	0.0069	-0.1896	0.0057	-0.5284	-0.3293	0.0564
PY00331	-0.0286	0.0374	0.1628	-0.1069	0.1123	-0.0223	0.1528	-0.0303	0.2198	0.1903	-0.0297	0.1903
PY00275	0.1439	0.9703	1.0413	-0.0102	-0.6771	0.5983	0.8631	-0.062	0.2453	-0.8017	-0.7437	-0.1324
PY06420	-0.9203	-0.2059	0.1863	-0.3938	-0.6025	-0.5471	-0.5405	-0.1755	-0.0507	0.017	0.2795	-0.1484
PY06191	1.0386	0.8168	0.9497	-0.0488	-0.3432	0.1641	0.4363	-0.375	0.1148	-0.2105	-0.8396	0.2296
PY01868	0.4835	0.2859	0.011	0.5202	0.2722	0.1365	0.0422	-0.0373	-0.2327	0.0992	0.0992	0.1006
PY03301	0.3536	0.2253	-0.0224	0.2444	0.3404	-0.028	-0.3151	-0.4525	-0.4561	-0.0924	-0.4321	-0.3369
PY06774	-0.0175	-0.0157	0.1623	-0.5348	-0.0652	-0.1668	-0.0226	-0.1363	0.0952	0.1293	0.0788	0.1225
PY07335	-0.4205	-0.1409	-0.0138	-0.4243	0.0052	-0.2567	-0.17	-0.1253	-0.1646	0.0383	0.4981	-0.2198
PY00130	0.4178	0.2316	0.7319	0.8011	0.257	-0.013	-0.2092	-0.3131	-0.5803	-0.2245	-0.8849	-0.6726
PY04030	-0.1075	-0.5107	-0.1236	-0.4172	0.2184	-0.2973	0.2865	0.2145	0.2274	-0.1632	-0.0494	-0.0491
PY03799	0.1472	-0.0312	0.2488	-0.1681	-0.5657	-0.209	-0.1535	-0.1865	0.1546	-0.1852	0.3537	0.1713
PY00233	-1.0659	-0.1249	0.3182	-0.4162	-0.9036	0.1695	0.5692	0.7964	0.4618	0.1015	0	-0.0081
PY01391	0.5423	0.5166	0.7564	0.6432	-0.1526	-0.1528	-0.0477	-0.3552	0.0026	-0.1539	-0.5804	-0.2715
PY07827	0.2818	0.1656	-0.1394	0.5286	0.1011	0.0913	0.2592	0.34	0.3476	0.0135	0.344	0.2264
PY06711	0.5151	0.2829	-0.651	-0.1221	0.2698	-0.4736	-0.1153	-0.0741	-0.1368	-0.2088	0.0148	-0.4698
PY01059	-0.1659	-0.8279	-0.8569	-0.3954	0.3879	0.0233	0.2384	-0.2785	-0.2077	0.16	0.1453	0.7428
PY00134	-0.2461	-0.155	-0.2644	-0.584	0.243	-0.124	-0.3612	-0.2266	0.0709	0.02	0.0155	0.1367
PY04596	-0.3453	0.0902	0.0586	-0.2182	-0.1302	0.2799	0.2746	0.4046	0.2537	-0.0302	-0.3117	0.1722
PY04619	0.0018	-0.1281	0.0156	0.0303	0.2631	0.0013	-0.0617	0.0489	0.0302	0.111	0.0093	0.2826
PY03686	0.21	0.1844	-0.1244	0.6499	-0.2386	0.0614	-0.168	-0.0351	0.0029	0.115	-0.119	-0.0323
PY02885	0.2315	0.0823	-0.0663	0.5986	0.4473	-0.112	-0.1323	-0.2309	-0.3804	0.2034	-0.2512	-0.0804
PY02436	-0.1098	-0.0627	0.0425	-0.3818	-0.0005	0.1286	0.2329	0.0712	0.0441	0.0896	-0.048	-0.0375
PY05851	0.1956	-0.1288	0.0079	0.319	0.0343	0.2014	-0.0481	0.4049	0.1564	-0.2173	0.515	0.1695
PY02087	-0.6182	0.2429	0.7562	0.3404	-0.3148	-0.1356	0.2519	0.1775	0.5071	-0.5165	0.2833	0.2564
PY01971	0.0128	0.0087	0.0225	0.1775	0.0809	-0.0328	-0.0462	0.2067	-0.0986	0.4776	0.4406	0.024
PY04697	0.3073	0.0885	0.103	0.3939	0.0025	-0.0295	-0.0824	-0.1973	-0.0211	-0.3071	-0.1611	0.3334
PY02744	0.1817	0.1788	0.1637	-0.0168	0.3465	0.0039	-0.0014	0.0424	-0.0329	-0.1463	0.3204	-0.0119
PY01665	-0.2931	0.2801	0.3047	0.4136	0.0414	0.2195	-0.0172	-0.0026	-0.5351	-0.5457	-0.0107	-0.4218
PY02742	0.1433	-0.1488	0.1276	0.8014	0.561	0.1874	-0.0847	0.0795	-0.0144	-0.1356	0.5669	-0.0408
PY02093	-0.3561	-0.055	0.1168	-0.1046	0.0203	-0.14	-0.1745	0.0582	0.0644	0.125	-0.3195	0.1287
PY05941	-0.3895	-0.3325	-0.4558	0.1706	0.5678	0.0972	-0.1358	0.1557	0.0206	0.3771	0.5328	0.052
PY05217	-0.2122	-0.2142	-0.0959	-0.2398	-0.0328	-0.1449	-0.2798	-0.1091	-0.4473	0.0681	0.0785	0.0063
PY05993	-0.1094	-0.1948	-0.4809	-0.2142	0.2231	-0.0996	-0.2388	0.0755	-0.1646	0.0607	0.7618	-0.0428
PY05365	0.2795	0.093	-0.2701	0.0012	0.0049	-0.2099	-0.3567	-0.1252	-1.2431	-0.2055	-0.4799	-0.0141
PY07296	-0.2117	-0.2463	-0.1278	-0.2659	0.1056	-0.3203	-0.0325	-0.2573	-0.1844	-0.0878	-0.1671	0.3143
PY01239	0.0573	0.0723	-0.0904	0.1178	-0.0078	0.2174	0.0741	-0.0017	0.1798	-0.1124	-0.2533	0.0257
PY03518	0.4218	0.0731	-0.249	-0.6211	-0.0663	-0.0536	-0.0711	-0.3115	-0.0994	-0.4949	-0.395	0.1796
PY00916	0.4492	0.0545	0.1669	0.3196	-0.0071	-0.0625	-0.0135	-0.0508	-0.0405	-0.1147	-0.0831	0.0062
PY03074	0.3532	0.198	0.2937	0.0388	0.2585	-0.2293	-0.0009	-0.2252	-0.5771	0.0019	-0.5016	0.3133
PY02102	-0.3599	-0.1156	-0.3096	-0.4543	0.0962	-0.0896	-0.0817	-0.0686	-0.2323	-0.1108	0.1166	-0.07
PY04043	-0.3523	-0.2388	-0.5011	-0.731	-0.0555	-0.1841	-0.0782	0.0649	0.0443	-0.098	0.1123	-0.2998
PY02208	0.1972	0.4425	0.4609	-0.0635	-0.2126	-0.2208	-0.3215	0.0576	-0.2315	-0.2303	-0.182	-0.5296
PY04062	0.4973	0.0696	0.3211	0.196	0.172	-0.0171	-0.0455	0.0356	0.0386	-0.1961	0.4522	-0.0244
PY04884	-0.755	-0.2222	-0.1785	-1.2496	-0.1684	-0.2645	-0.2654	-0.0236	0.0394	-0.0698	0.2748	-0.1494

PY06279	0.1351	-0.1865	-0.3543	-0.1242	-0.1053	-0.0452	-0.043	-0.1131	-0.4709	-0.6795	-0.1694	-0.308
PY01309	-0.1761	-0.3057	-0.3886	0.6041	0.6525	0.1966	-0.3051	-0.157	0.0099	0.0122	-0.4799	0.0499
PY00715	-0.4327	0.236	0.2282	-0.0136	-0.7975	-0.1796	0.0188	-0.0749	0.2931	0.0628	-0.1248	0.4056
PY01653	0.0727	0.0513	-0.1171	-0.091	-0.0093	-0.2877	-0.2233	-0.1777	-0.3633	-0.3611	-0.0521	0.004
PY01407	-0.2048	-0.0531	-0.0327	0.0544	-0.6828	0.0563	-0.0593	-0.0226	0.0328	-0.1932	-0.5287	-0.3742
PY03150	-0.1029	-0.0018	-0.1703	0.1698	0.2857	-0.153	-0.2933	-0.2044	-0.319	-0.1171	0.1606	-0.2105
PY02122	-0.3811	0.138	0.3347	-0.5046	-0.0415	-0.1562	-0.1378	0.1178	0.0646	0.3349	0.332	0.2633
PY04381	-0.3295	-0.1361	-0.1524	0.4229	1.3139	-0.0939	-0.0089	-0.2602	-0.6865	0.0087	-0.3096	-0.048
PY00812	-0.0464	0.0646	-0.0235	0.0834	-0.1279	-0.2792	-0.0948	-0.4102	-0.3777	-0.2714	-0.0099	-0.037
PY03764	0.5971	-0.207	-0.3107	0.6096	0.0567	0.2504	0.046	0.0699	0.064	0.3455	-0.2092	0.1848
PY05947	-0.2194	-0.0016	0.0658	-0.1748	-0.6253	-0.4386	-0.4176	-0.0978	-0.1396	0.0155	-0.1353	-0.3089
PY00548	0.0482	-0.156	-0.0181	0.4833	0.1014	0.3347	0.1222	0.0014	-0.0492	0.396	0.1057	0.0862
PY02032	-1.2277	-0.3481	0.0688	-0.0438	-0.328	0.3212	-0.0654	0.2959	0.0643	0.2557	-0.0044	-0.3194
PY01362	-0.6416	-0.1807	0.3097	-0.0439	-0.3804	-0.0188	-0.1205	0.0427	0.1449	0.0175	0.2068	0.0817
PY02173	0.6573	0.5203	0.7851	-0.5923	-0.2955	-0.0583	0.081	-0.6975	-0.0229	-0.5429	-0.714	-0.0132
PY00463	-0.4713	-0.4108	-0.2405	-0.242	0.5217	0.0539	-0.0629	0.0426	-0.3808	-0.1702	0.109	-0.2404
PY01433	-1.1958	-1.431	-0.9953	-0.7244	0.1928	-0.0071	0.0233	0.2673	0.3614	0.0772	0.4724	-0.1551
PY07681	0.1526	0.1382	0.0052	0.1335	0.1557	-0.1094	0.1786	0.0035	0.2465	-0.256	0.1456	0.3407
PY00537	0.6568	0.0776	0.3258	-0.0515	0.3553	0.3739	-0.1049	-0.1293	-0.0574	-0.0497	-0.3895	0.1855
PY01600	-0.5944	-0.4635	-0.3175	-0.3557	-0.0268	0.2693	-0.1157	-0.0835	0.2393	-0.1448	0.2394	0.5943
PY00665	-0.2238	0.0655	0.1947	0.0435	0.4033	-0.052	-0.0264	-0.1061	-0.0435	-0.0455	0.2398	-0.0948
PY02598	-0.2394	0.3971	-0.1497	-0.1255	-0.2735	0.0502	0.0675	0.2834	0.1175	-0.1889	0.7444	-0.0764
PY05899	-0.7137	-0.2656	-0.0337	-0.579	-0.7541	-0.6222	-0.4538	0.1974	0.0513	0.0905	0.574	-0.1215
PY00295	0.0258	0.0535	0.177	-0.8594	0.1419	-0.0177	-0.0691	-0.6438	-0.277	-0.5559	-0.5047	0.1821
PY04868	0.435	0.0321	0.0847	-0.6068	-0.1117	-0.1728	0.1023	-0.2249	0.1275	-0.6718	-0.5319	0.0761
PY00859	-0.171	-0.1602	-0.4717	-0.3696	-0.8225	-0.8425	-0.1152	0.189	0.1988	-0.3394	0.7243	-0.0288
PY02981	-0.1954	-0.7687	-0.6836	-0.1552	-0.6624	-0.3937	-0.0797	0.2072	0.3041	0.3481	0.5817	0.6617
PY02233	-0.7713	-0.5069	-0.2723	-0.3039	-0.3453	-0.311	-0.3818	0.015	0.324	-0.0567	0.2116	-0.045
PY02221	-0.1191	-0.1103	-0.1513	0.3324	-0.262	0.0738	0.0105	0.0869	-0.0073	0.0213	-0.5281	0.0083
PY01691	0.3212	0.2025	-0.4194	-0.1838	0.224	-0.0959	0.1092	0.0561	-0.1482	0.0971	-0.0136	0.2703
PY06445	0.5075	0.2444	0.3932	0.6462	0.4465	0.1702	0.3013	0.2122	0.2289	0.2292	0.1371	0.4464
PY07267	-0.2517	0.3294	0.4773	0.3807	-0.0415	-0.0734	0.0367	0.0265	0.2348	0.31	0.2353	0.5596
PY04024	0.6703	0.225	0.2827	0.2458	0.2069	0.2144	0.1273	-0.2528	-0.307	-0.2098	-0.224	-0.024
PY01922	0.6088	0.0398	-0.0009	0.372	-0.0988	0.1413	0.1356	0.286	0.2367	0.5525	0.001	0.3339
PY05500	0.0289	0.0599	0.0506	-0.1363	0.1691	0.2963	0.1901	-0.0125	-0.2953	0.0291	0.1067	-0.5991
PY05115	-0.3291	-0.2155	-0.1479	1.0441	0.5991	0.6111	-0.1453	0.4641	-0.1601	0.8524	0.8067	0.2136
PY02694	-0.5367	-0.018	-0.4608	0.1648	-0.3836	-0.1306	-0.1262	-0.0106	0.2087	-0.018	-0.1687	-0.2637
PY00875	-0.0747	0.1183	0.0429	0.6469	0.3714	0.0535	-0.136	0.234	-0.0741	0.7039	0.9314	-0.1853
PY07401	-0.264	-0.2075	-0.1238	-0.2791	-0.533	0.0948	0.0974	-0.0712	-0.0765	-0.0006	-0.1641	-0.4119
PY05616	0.4252	0.5428	0.5846	0.6767	0.2884	0.4585	0.1598	0.0175	-0.111	0.4176	-0.1078	-0.005
PY06005	0.1355	-0.0789	-0.047	0.2945	0.1749	0.0528	-0.1452	-0.0722	-0.0693	0.0418	-0.0369	0.2951
PY00058	-0.3615	-0.4833	-0.4642	-0.368	-0.5533	-0.5578	-0.4935	-0.2448	-0.8192	-0.3465	-0.7068	-0.7491
PY06553	-0.3015	-0.1004	-0.1052	-0.3387	0.1146	-0.0701	0.2095	0.2834	0.1343	0.5387	1.9499	0.8246
PY05754	0.3174	-0.285	-0.9109	0.8026	0.6741	-0.024	-0.48	-0.2495	-0.2409	-0.1836	-0.1705	-0.3114
PY05087	0.243	0.1532	0.1749	-0.7745	-0.0061	-0.2484	-0.0399	-0.1776	-0.1551	-0.2777	0.0265	0.2636
PY03232	0.0228	-0.1893	-0.0037	0.122	0.0332	-0.0666	0.0231	0.1511	-0.0746	-0.0934	-0.1823	0.0721
PY07445	0.1475	0.2684	0.1638	-0.4653	-0.0608	0.2515	0.0027	-0.2036	-0.0678	-0.0497	-0.3258	-0.1164
PY02289	0.3265	-0.0098	-0.1589	-0.1458	-0.1922	-0.1683	-0.1282	-0.2887	-0.1769	-0.2557	-0.4181	-0.0486
PY07215	0.3651	0.2675	0.0489	0.3745	0.4563	0.0011	-0.0671	0.1283	0.2204	0.4987	0.3778	0.2593
PY02813	-0.1471	-0.1292	0.0789	0.7751	0.4544	0.3235	0.0559	0.1079	0.1935	0.505	-0.0671	0.4256
PY05461	0.0005	0.1582	-0.2761	0.1109	-0.2705	-0.381	-0.3086	0.0101	-0.1375	0.015	0.1774	-0.0989
PY00561	-0.3642	-0.1959	-0.0761	-0.0808	0.2774	0.1014	-0.0693	-0.0159	0.1245	0.1064	0.1988	0.147
PY05916	-0.116	0.0358	-0.0566	0.0703	0.2747	0.0999	-0.054	-0.1499	-0.2884	-0.2444	-0.1866	-0.1608
PY05950	-1.5863	-0.7118	-0.4528	-1.0701	-0.9383	-0.3613	0.0247	0.7221	0.1622	-0.195	0.5556	-0.2117
PY01029	-0.7343	-0.1368	-0.5069	0.2195	0.4429	0.0171	-0.1945	0.2843	-0.0853	0.5251	0.2951	-0.0553
PY05877	-0.4046	0.0957	0.2534	0.2189	0.3521	-0.0065	-0.1553	0.009	-0.3336	-0.1566	0.3889	-0.3447
PY04361	-0.0341	-0.2114	-0.2138	0.6024	0.357	0.1222	-0.151	0.0714	-0.1446	0.5265	0.43	-0.0077
PY04549	0.0733	-0.3029	-0.0413	0.0946	0.1327	0.3516	0.213	0.1398	0.2863	-0.7632	-0.1784	0.0666
PY01836	0.2875	0.0439	-0.5277	0.0882	-0.0551	-0.3407	-0.6348	-0.1653	-0.2844	-0.0179	-0.0873	-0.3721
PY01365	0.0901	-0.0606	0.3919	-0.0062	-0.5113	-0.2445	0.1842	0.2054	0.7427	0.0336	-0.0457	0.6164
PY01065	0.3002	-0.0809	-0.2622	0.2987	0.2307	0.076	0.2047	0.1817	0.3007	0.1039	0.0763	0.5051
PY00039	0.1592	0.3653	-0.4211	-0.5897	-0.0342	0.2606	1.1295	0.6259	0.9321	-0.2176	-0.2445	0.2618
PY05572	0.1042	0.5001	0.6556	-0.1704	-0.3003	-0.0014	0.4072	-0.18	0.28	-0.3019	-0.2441	0.4348

PY00200	-0.4564	-0.1585	0.1894	-0.3624	-0.6265	0.0579	0.1929	0.5054	0.4769	-0.2291	-0.3067	0.1151
PY02909	-0.5536	-0.0891	-0.084	-0.0559	0.2162	0.011	-0.152	0.01	-0.0748	0.3335	0.249	0.0382
PY01901	0.3657	0.2657	0.187	0.1505	-0.074	-0.3672	-0.1695	-0.2136	-0.0599	-0.1677	-0.2406	-0.2817
PY06929	-0.3274	0.1431	-0.2796	-0.1685	-0.0724	0.0196	0.0749	0.1735	0.7882	-0.2209	0.464	0.4555
PY02318	0.2895	0.0141	0.0241	0.1662	-0.1205	0.0479	0.0416	-0.0509	0.1234	0.165	-0.4777	0.3632
PY06053	0.1589	0.016	0.3468	-0.6857	-0.1741	0.0268	-0.136	-0.3537	-0.1371	-0.1846	-0.1892	0.3045
PY05789	0.0478	-0.0352	-0.2743	-0.1182	-0.4081	0.0395	-0.0967	-0.0702	0.102	-0.2259	-0.438	0.1035
PY01625	0.0738	0.232	-0.3861	0.1323	0.4635	0.2136	-0.3148	-0.2448	-0.252	-0.243	-0.2877	-0.2022
PY02647	1.0636	0.608	0.9667	0.6039	-0.4485	0.0895	0.4789	-0.1783	0.2776	0.1717	-1.0708	0.3193
PY05737	0.3586	-0.1134	-0.2732	0.6486	-0.0874	0.1284	0.1662	0.3164	0.4714	-0.2312	-0.4575	0.2023
PY04446	0.3089	-0.0576	-0.0592	0.1481	0.1429	0.1616	0.186	0.0178	0.1614	0.3362	0.0963	0.343
PY02854	0.3374	0.0132	0.0917	0.8665	0.3609	0.113	-0.085	0.261	-0.24	-0.422	-0.1342	-0.2937
PY01336	-0.3416	-0.1671	0.3533	-0.423	-0.4912	-0.3084	-0.1933	-0.0299	0.121	0.1104	-0.0265	0.1394
PY03550	-0.3503	0.0569	0.3211	0.0798	-0.0785	0.0217	-0.1945	-0.0062	-0.0418	0.131	0.2507	-0.0809
PY06348	0.1011	-0.1676	-0.0131	-0.0526	0.5967	0.0761	0.0988	-0.0975	-0.073	0.0232	-0.0983	0.3663
PY00725	-0.1625	0.1627	0.2488	0.4252	-0.0567	-0.3041	-0.0535	0.2658	0.1403	0.4384	-0.0352	0.0963
PY05747	-0.0824	-0.1759	-0.1679	-0.5513	-0.2819	-0.1387	0.1186	-0.0875	-0.0148	-0.01	-0.4733	-0.0298
PY06584	-0.5267	0.0363	-0.1675	0.1742	0.3806	0.1858	0.0439	0.2206	-0.1598	0.072	0.0762	-0.402
PY04583	0.0145	0.0026	-0.0436	0.698	0.9989	0.3026	-0.0941	0.2385	0.1257	0.6524	0.3269	0.0761
PY06691	0.1453	-0.0661	0.0494	-0.22	0.0704	-0.1118	-0.0474	-0.2632	-0.1791	-0.5234	-0.0221	-0.621
PY03514	0.5484	0.1681	0.1231	0.2594	-0.041	-0.1657	0.0256	-0.0167	-0.3002	0.1535	-0.1619	0.1429
PY01802	-0.1254	0.1688	-0.0531	3.0599	0.0495	-0.1341	-0.4586	0.3796	-0.2877	-0.5744	0.3983	-0.2025
PY06868	-0.0168	-0.0654	-0.0803	-0.4166	0.2263	0.196	0.202	-0.014	-0.0264	-0.1932	0.1472	0.3968
PY05888	-2.0967	-0.5541	-0.0582	-1.3904	-1.027	-0.6866	-0.2424	0.4528	0.2682	-0.2684	0.826	-0.6163
PY01328	0.4429	0.0804	-0.0054	0.2356	0.1819	0.023	-0.2165	0.1562	-0.6134	0.3727	0.3268	-0.1762
PY04138	0.3383	0.3809	0.4211	-2.4706	-1.4477	-0.1191	0.1141	-1.0994	-0.0237	-1.3657	-1.5417	0.2846
PY02870	-0.7765	-0.2388	-0.1675	0.7428	0.8658	1.04	-0.046	0.5692	-0.0114	0.6507	0.9663	0.2151
PY03513	-0.301	-0.3622	-0.4773	-0.1545	0.4731	0.2942	-0.0071	0.1849	-0.1092	0.303	-0.1837	-0.1033
PY07662	-0.1399	0.0611	0.0986	0.4358	0.1121	-0.4943	-0.1765	-0.1336	-0.1086	0.0277	0.7033	-0.066
PY03282	0.2357	-0.0551	-0.5233	-0.0321	0.0737	0.0305	-0.2014	0.0137	-0.045	0.1622	-0.3107	0.1302
PY07149	0.2971	0.0718	-0.1463	-0.5906	0.0622	-0.143	0.0525	-0.2756	-0.2675	-0.3103	-0.2261	-0.1274
PY05135	0.4634	0.3257	0.2735	0.0517	0.0993	-0.0474	0.2153	-0.1957	0.1613	-0.2568	-0.4223	0.1575
PY00643	1.3912	0.8207	1.1215	0.2172	0.0074	-0.1679	0.5677	-0.4846	0.3736	0.3693	-0.6456	0.6812
PY04903	0.4983	0.2746	0.183	-0.5223	-0.1406	-0.1552	0.0714	-0.2084	-0.0955	-0.1386	-0.3837	0.2851
PY02900	-0.3291	0.1782	-0.0156	0.4839	-0.1874	-0.372	0.0884	0.4183	0.2574	-0.2417	-0.0697	-0.3803
PY01907	1.019	0.7362	1.159	0.2857	-0.6312	0.1473	0.5221	-0.4873	0.358	-0.0561	-0.8178	0.0682
PY04323	-0.5412	0.1206	-0.0086	-0.1155	-0.3634	-0.5213	-0.1698	-0.0951	-0.2163	0.2149	-0.3096	-0.6692
PY02167	-0.6051	-0.159	0.0879	-0.1692	-0.3812	-0.5428	0.0266	0.2378	0.5076	0.1116	1.3204	0.5207
PY03895	0.2689	0.045	-0.1455	0.2519	0.0076	0.2337	-0.0688	0.0883	-0.0897	0.0491	-0.1488	0.2402
PY04404	-0.113	0.0083	0.0218	0.1949	-0.2052	0.1093	-0.0212	0.2537	0.4205	0.3147	-0.1999	-0.3369
PY01027	-0.1491	-0.1795	-0.3062	-0.1971	-0.1972	-0.3177	0.0526	0.1097	0.0417	0.2807	0.5334	0.1208
PY04645	-0.0222	0.0556	-0.2123	0.3662	0.211	-0.204	-0.3819	-0.1891	-0.1858	-0.148	-0.1636	-0.1291
PY06198	-0.0581	-0.1413	-0.0436	-0.7791	-0.0934	0.0001	-0.2477	-0.2468	-0.2448	-0.3415	-0.5143	-0.0911
PY03140	-0.0894	0.2138	0.1161	-0.0336	-0.2182	-0.1689	-0.0594	-0.0101	0.1736	-0.6537	-0.232	0.2053
PY05401	-0.0988	-0.1077	-0.3606	-0.204	0.2472	-0.0676	-0.3524	-0.2322	-0.3232	-0.943	-0.1403	-0.5207
PY06454	-1.549	-0.6142	-0.2648	-0.7647	-0.7938	0.0223	0.1156	0.5638	0.2194	-0.1791	0.4382	-0.6514
PY04829	0.2479	0.0214	0.0924	0.1589	0.0223	-0.1512	-0.3704	-0.1794	-0.298	-0.2685	-0.3961	-0.2358
PY04675	0.1363	0.2001	0.1195	-0.1143	-0.3099	-0.2557	0.019	-0.1737	0.1159	0.1347	0.0131	0.1896
PY02294	0.4134	0.3071	0.2052	-0.3991	0.0679	0.2185	0.2142	-0.0294	0.1961	-0.4118	0.0476	0.3295
PY05721	-0.2076	-0.053	0.0746	0.0315	0.0461	-0.2126	-0.1073	-0.1849	0.0189	0.0127	0.6652	-0.0105
PY04968	0.554	0.0642	-0.308	0.185	-0.0438	-0.0193	-0.0716	-0.3068	-0.0524	-0.0908	0.2127	-0.3375
PY07502	-0.3611	0.0097	-0.1301	0.5707	0.4182	0.9676	0.0484	0.3263	0.1545	0.0676	0.3982	-0.0104
PY00208	0.4384	0.3564	-0.0257	0.4726	-0.1785	-0.204	0.0403	0.4642	0.2999	0.6472	0.4432	0.2337
PY07061	0.4051	0.1683	0.396	0.1887	0.2305	-0.006	0.2614	0.141	-0.1555	-0.3032	0.0528	0.2631
PY06317	-0.6088	-0.2829	-0.1264	-0.1382	-0.1432	-0.0984	-0.1546	-0.0068	0.1455	-0.1843	0.0409	-0.1845
PY00700	0.5054	0.1037	0.3688	-0.0855	0.031	0.1004	-0.047	-0.3407	-0.0415	-0.2645	-0.2179	-0.0592
PY03395	0.1019	0.1441	-0.1238	-0.0409	0.0242	0.2311	0.2647	0.0215	-0.1377	-0.2683	-0.3149	-0.0215
PY00096	0.4642	0.5585	0.6127	0.2934	-0.365	0.3039	0.4475	-0.0514	0.2888	-0.1698	-0.7972	0.1555
PY04302	-0.0697	0.1154	0.2376	-0.5779	-0.4681	-0.3406	0.0587	-0.499	-0.014	-0.7082	-0.6911	0.1264
PY02526	-0.1187	0.1532	-0.0438	-0.3064	-0.1256	0.2281	0.0161	0.0018	-0.0854	-0.3073	-0.3628	0.0289
PY05235	0.0217	-0.1715	-0.4552	-0.568	0.077	0.1528	0.2126	0.2533	0.1185	0.0923	0.4397	-0.2013
PY06046	-0.182	-0.2122	-0.2687	-0.123	-0.412	0.1713	0.2509	0.2185	0.2597	0.1336	-0.0357	0.6183
PY00012	-0.4563	-0.2543	-0.1348	-0.5758	-0.1766	0.0799	0.5013	0.5006	0.5003	-0.0195	0.2613	-0.0035

PY01552	0.2129	0.0434	-0.2257	0.1803	0.1841	-0.0482	0.0478	-0.2354	0.0123	0.1689	-0.4081	0.1848
PY05564	0.5135	0.2895	0.5049	-0.4003	-0.31	0.156	0.4039	-0.2169	0.2552	0.0441	-0.1406	0.3357
PY03881	0.041	0.3283	-0.2172	0.1695	-0.03	-0.1176	-0.0899	-0.0241	-0.0002	0.0983	-0.0292	0.1197
PY02558	0.6741	0.2195	-0.1313	0.7142	0.3787	0.303	-0.0134	-0.1416	-0.298	0.0563	0.4228	0.1482
PY04437	0.1464	0.1698	0.0592	-0.0035	-0.0535	-0.0686	0.0973	-0.2539	-0.0944	0.0778	-0.2301	-0.0366
PY05529	0.1593	0.0206	-0.2264	1.0914	0.1963	-0.0214	-0.3375	-0.0904	-0.5321	0.3335	0.1413	-0.4688
PY01019	-1.3337	-0.3664	0.0087	-0.7895	-0.7777	-0.1408	0.2201	0.8178	0.2318	-0.4713	-0.2513	-0.8838
PY03928	0.1767	0.0771	-0.1794	0.3113	-0.1778	-0.1834	-0.2875	0.1292	0.0511	0.2401	-0.2285	-0.0655
PY07159	-0.0496	0.2284	0.0522	-0.1801	-0.02	-0.2206	-0.0875	-0.0987	-0.0337	-0.5416	-0.0371	-0.1776
PY01316	-0.3824	-0.2054	-0.3416	0.4939	0.2867	0.1155	-0.0119	0.0512	-0.0733	-0.0339	-0.0211	-0.5073
PY04492	-0.5267	0.1133	0.1042	-0.0189	-0.1476	-0.0286	-0.1202	-0.2998	-0.0704	-0.4543	-0.5197	-0.2804
PY02965	-0.2145	0.049	-0.147	-0.4449	-0.569	0.066	0.3345	0.1176	0.5035	0.0981	-0.1956	0.5319
PY07275	-0.5035	-0.04	-0.1379	-0.1128	-0.0394	-0.0052	-0.3094	-0.1879	-0.2595	-0.0951	-0.5078	-0.2357
PY06954	-0.5555	0.0189	0.1906	-0.0088	-0.427	-0.2949	-0.0339	0.255	0.0496	0.2928	0.528	0.2433
PY04820	0.1448	0.0643	-0.0405	-0.1308	0.3792	-0.027	-0.3961	-0.2814	-0.3284	0.0163	-0.2844	-0.022
PY06084	-0.3682	-0.2689	-0.158	0.2625	0.85	0.3952	-0.0772	-0.0766	-0.3163	0.169	1.1025	-0.0157
PY06016	0.6562	0.1141	0.1535	-0.2124	-0.0732	0.2037	0.1956	0.0505	0.0748	-0.267	-0.7536	0.4134
PY04901	0.6877	0.2326	-0.723	-0.1242	0.2011	-0.0449	-0.2705	-0.0778	-0.1941	-0.1453	-0.3023	-0.5142
PY00324	-0.0675	-0.3474	-0.3672	0.5611	0.3061	0.6537	0.0515	0.2636	-0.7117	0.8596	0.8883	0.4466
PY03843	-0.5704	-0.1446	0.0187	-0.1822	0.1212	0.2874	0.0157	0.0125	-0.0809	0.1018	-0.0589	-0.5275
PY07456	-0.6278	0.2945	0.6277	-0.3562	-0.6704	-0.1057	0.4095	0.5143	0.2868	-0.2935	0.0855	-0.1199
PY07205	0.4677	0.0462	0.1148	-0.2441	-0.0081	0.161	0.3898	-0.0903	0.2027	-0.1423	-0.3841	0.4305
PY00168	-0.8665	0.0643	0.1115	-0.1168	-0.2868	-0.0121	-0.0708	0.1046	-0.154	-0.1312	-0.1035	-0.3529
PY00820	-0.0881	-0.0051	-0.2474	0.1752	0.3403	-0.0051	-0.2059	0.0118	-0.1351	0.1519	0.0393	0.2883
PY04496	0.5119	0.2158	-0.2409	-0.0111	-0.1346	0.4426	0.1135	-0.0117	0.0446	-0.1168	-0.3257	0.0379
PY06425	-0.6691	-0.9766	-0.9651	-0.2855	0.2068	-0.1293	-0.0078	0.3903	0.6491	0.2727	0.4838	-0.2393
PY05062	-0.1544	0.0476	-0.5104	-0.754	-0.0293	-0.3474	-0.6197	-0.2309	-0.3136	-0.0042	-0.165	-0.448
PY06903	0.3007	0.0713	-0.2538	0.3394	-0.0344	-0.3488	-0.5347	-0.068	-0.9359	-0.1035	0.0078	-0.2011
PY05304	-1.084	-0.5596	-0.4926	-0.5764	0.0977	0.3096	-0.1552	0.2246	-0.0942	0.2023	0.1985	-0.2249
PY02460	0.3684	0.1635	-0.3488	-0.0853	-0.1606	0.3529	0.3916	0.2261	0.2398	0.5568	1.9382	0.5775
PY01198	0.1	-0.0187	0.1438	-0.0121	0.4903	0.0413	-0.1541	-0.1561	-0.2414	0.1342	0.2762	0.0797
PY05421	-0.2756	0.0096	0.0557	-0.5883	-0.417	0.0089	-0.4117	0.1314	0.2657	0.2604	0.1476	0.2071
PY04641	0.6381	0.2339	0.3951	0.7026	-0.1839	-0.0514	0.0354	-0.0651	0.199	-0.2765	-0.3385	-0.1134
PY01491	-0.4404	0.0754	0.3136	-0.263	-0.5692	-0.2968	-0.0989	0.0117	0.002	0.2315	0.3082	-0.1769
PY03383	-0.2443	-0.0976	0.1076	0.3279	0.2437	0.0016	-0.0507	0.37	0.089	0.1399	0.4734	-0.005
PY05232	1.4175	0.8454	0.8473	0.4071	-0.1027	0.1951	0.8939	-0.2336	0.3327	-0.0745	-0.1469	0.8153
PY02181	0.1517	0.0257	-0.0215	0.0346	-0.1946	-0.1671	0.1176	-0.2362	0.0144	-0.065	-0.3022	0.4019
PY00423	0.2159	0.1852	-0.3888	-0.5213	-0.4124	-0.2302	-0.1424	-0.2334	-0.4404	-0.9491	-0.6101	-0.6709
PY04654	-0.4917	0.1079	-0.0282	-0.1364	-0.4722	-0.4087	-0.3009	0.2905	-0.021	-0.5727	0.4962	-0.3628
PY06463	-0.3451	-0.52	-0.4021	0.6809	-0.3519	0.0019	0.0106	0.3528	-0.0592	0.0415	0.2413	-0.1441
PY02393	1.067	0.7815	0.962	-0.0961	-0.1689	0.2004	0.5261	-0.129	0.5103	-0.289	-0.5721	0.509
PY01569	0.1238	0.0882	-0.1999	0.0208	-0.6243	-0.3565	-0.075	-0.1749	-0.4193	-0.127	0.3329	0.1049
PY03143	-0.2338	-0.1461	-0.188	-0.3002	0.0758	0.3406	0.0958	0.2012	-0.0565	0.1302	-0.0507	-0.2237
PY03298	0.57	0.3854	0.0269	0.1885	0.229	1.1188	0.0557	-0.0073	-0.0309	-0.3552	1.6411	-0.1318
PY04807	0.0293	0.0955	0.3943	-0.0421	0.0152	0.0848	-0.0157	-0.1276	-0.1272	-0.4312	-0.302	0.044
PY03062	-0.198	0.1791	0.4634	-0.4742	-0.627	-0.4433	0.1833	-0.1083	0.3663	0.3708	0.3619	0.3459
PY05580	0.2517	-0.2119	0.1401	-0.3702	0.1357	0.0782	-0.0263	-0.1548	-0.0192	-0.3895	-0.2117	0.1035
PY02501	-1.5719	-0.5908	-0.5614	-0.4105	-0.404	-0.5239	-0.234	0.3298	0.5986	0.5316	0.3255	0.0926
PY07490	0.1955	-0.1701	-0.3294	-0.329	-0.0197	-0.4015	-0.0966	-0.3869	-0.2085	-0.3863	-0.2696	0.3763
PY02622	-0.2567	-0.3473	-0.0091	0.0688	0.6242	0.1168	-0.1825	-0.0692	-0.2571	0.396	0.3142	0.1138
PY03086	-0.0183	-0.0883	-0.0609	-0.2544	0.0231	0.24	-0.0481	0.1117	0.2634	-0.428	-0.3853	-0.2523
PY05298	-0.4082	0.0183	-0.2338	-0.029	-0.0555	-0.2965	0.0082	-0.1601	0.0805	0.0085	0.3846	0.1455
PY00686	0.0323	0.1655	0.283	-0.6093	-0.2207	0.1068	0.595	0.025	0.3647	-0.1581	-0.156	0.1241
PY01750	0.7037	0.5498	0.7537	0.5687	-0.0129	0.0117	0.1282	0.0073	-0.0514	0.102	-0.3061	-0.1308
PY07542	-0.1188	-0.2468	0.0388	0.0597	0.3393	-0.0565	-0.1706	-0.2289	-0.2087	-0.156	0.0672	-0.2655
PY07257	-0.339	-0.4439	-0.1817	-0.4106	0.0621	-0.024	-0.0608	0.2937	0.0518	-0.3272	-0.1933	-0.3803
PY06147	-0.2193	0.2483	0.178	-0.5002	-0.0758	0.1051	0.1001	-0.2141	0.3221	-0.2669	-0.1119	-0.3008
PY00507	-0.2477	0.207	0.609	-0.0823	-0.2193	-0.0124	0.2496	0.1195	0.2588	0.1051	-0.1159	-0.0455
PY03223	0.0068	0.1561	0.0732	0.4596	0.4937	-0.0687	-0.0383	0.1219	0.1741	0.3846	0.1361	-0.9791
PY00192	0.7726	0.3529	0.3938	0.4409	0.0176	-0.2438	-0.0339	-0.3415	-0.2985	-0.0683	-0.4485	0.1083
PY05432	0.6262	0.325	-0.1037	0.1237	0.0908	0.2408	0.0052	-0.3691	-0.331	-0.1681	-0.2172	-0.5699
PY03218	-0.7825	-0.4021	-0.6125	-0.1998	-0.061	-0.263	-0.1853	0.1606	-0.2209	0.183	0.2815	0.2773
PY02034	-0.228	-0.2464	-0.0797	0.1915	0.0236	-0.0585	-0.6289	-0.0256	-1.107	0.0914	0.1874	-0.0231

PY07064	-0.2179	-0.8604	-0.7393	-0.4822	-0.3801	-0.1078	-0.2157	0.1192	0.1246	0.1387	-0.067	0.1077
PY00596	-0.5545	-0.3171	0.1498	-0.1765	-0.1114	-0.4072	-0.5908	-0.034	0.1206	0.5872	0.2033	-0.2804
PY05536	-1.2594	-0.6006	-0.3198	-0.3803	0.254	0.2199	-0.0247	0.071	-0.162	0.1388	0.2118	-0.2471
PY01254	0.0463	-0.1064	-0.1597	-0.0046	-0.2784	-0.0695	-0.1391	-0.0007	0.0817	-0.8964	-0.1559	0.0182
PY03607	0.5082	0.0291	0.1098	0.2702	0.1964	0.0005	-0.1027	-0.0788	-0.2178	-0.0789	-0.3943	0.1272
PY01601	0.3416	0.4306	0.5179	0.144	-0.0777	0.3093	0.2823	-0.0119	-0.0032	-0.2483	-0.5455	0.0142
PY02360	0.5129	0.4102	0.5657	0.4227	-0.2972	-0.0052	-0.067	-0.184	0.0822	0.0382	-0.8131	0.1347
PY00659	0.1639	0.1274	-0.0367	-0.1326	-0.0895	-0.0932	-0.4795	-0.4915	-0.3017	-0.3606	-0.4259	-0.5508
PY05675	0.2354	-0.0157	-0.1763	0.632	-0.0467	0.0255	-0.1435	-0.0567	-0.0221	0.0066	0.18	-0.0831
PY00534	-0.1582	0.0681	-0.2083	-0.227	0.0418	0.5435	0.138	-0.1002	-0.0241	-0.2461	-0.3351	-0.0703
PY02265	-0.0942	-0.0521	0.0554	4.176	3.6844	3.3097	-0.5312	2.8441	-0.0623	4.1508	3.5837	0.1101
PY03123	0.8778	0.3453	0.5355	-0.0608	-0.2832	0.1052	0.5222	-0.2766	0.2904	-0.0587	-0.7087	0.438
PY05197	0.2121	0.4996	0.231	0.345	-0.2018	0.1271	0.1732	-0.0737	0.272	0.2578	-0.1001	0.1172
PY03334	0.246	0.0893	0.093	-0.1385	0.3297	-0.1239	0.0633	-0.1179	0.0549	-0.5663	-0.0815	0.1247
PY03004	-0.1356	-0.5211	0.0731	0.194	0.7274	0.2396	0.2604	0.2809	0.0592	0.4026	0.2169	0.6007
PY05504	-0.1745	0.3814	0.3795	0.1302	-0.5617	-0.4643	-0.2301	-0.2756	0.1022	-0.9349	-0.3231	-0.0797
PY04388	0.1061	-0.0997	0.1249	-0.0402	-0.1479	-0.0719	0.075	0.3528	0.3333	0.0066	-0.4463	-0.1321
PY00471	-0.5189	-0.1266	-0.1673	-0.0521	-0.2254	0.0516	-0.1605	-0.1392	-0.1273	0.0868	0.1454	-0.0517
PY00037	0.0453	-1.76	-0.0758	1.178	0.2984	0.102	-0.5238	-0.2603	-0.8376	0.4047	0.289	-0.8659
PY03069	-1.2622	-0.1331	0.4111	0.1528	-0.8443	-0.7239	-0.1746	0.0332	0.0229	0.0529	0.6212	-0.2308
PY00209	-0.7254	-0.5301	-0.8606	0.6646	-0.2592	-0.0222	-0.1397	-1.2071	-2.5006	0.7868	-0.028	-0.6679
PY01742	0.5141	0.002	-0.675	0.1342	-0.096	-0.337	-0.4026	-0.0713	-0.3332	-0.3107	0.1348	-0.5399
PY02719	-0.1893	0.0832	0.23	-0.1798	0.1553	-0.321	-0.3042	-0.1461	-0.1813	0.0822	0.2042	-0.2562
PY06255	-0.7657	0.0597	-0.1718	-0.2322	-0.0975	-0.0375	0.1768	0.4916	0.2851	0.1251	0.7019	-0.2698
PY02326	0.3174	0.2876	0.2701	0.0897	0.0516	-0.0217	-0.1843	-0.1915	-0.1658	0.0478	-0.4762	0.0166
PY05621	-0.3291	0.1065	0.1899	-0.7384	-0.5119	-0.3007	-0.0323	-0.0079	0.2017	-0.4036	0.0827	-0.0068
PY05145	-0.594	-0.1121	-0.1531	0.1838	0.5356	-0.0622	-0.1985	-0.321	-0.1385	0.6113	-0.06	-0.1352
PY01224	0.0042	-0.1107	-0.1821	0.1844	0.3136	-0.1238	-0.1708	-0.1166	-0.0206	0.1278	-0.0582	0.4354
PY01119	0.4479	0.3647	0.4426	-0.182	-0.0838	0.2038	0.4133	-0.721	0.044	-0.0999	-0.1347	0.188
PY04241	-0.41	-0.3403	-0.8994	0.9992	1.2641	1.25	-0.2587	0.6671	-0.5601	1.0365	1.2129	-0.2308
PY06923	0.0021	0.1074	0.0488	0.0798	0.1047	0.2058	-0.0075	0.0647	-0.2528	0.1803	-0.414	-0.0302
PY06076	-0.313	-0.0401	0.0318	-0.1354	-0.3657	-0.0697	-0.0035	0.0538	0.1979	-0.1035	-0.189	0.1531
PY04639	-0.1755	-0.2554	-0.2851	0.0689	0.6916	-0.0654	-0.0597	0.0922	-0.0902	-0.0485	0.4257	-0.1419
PY04063	-0.3905	-0.281	-0.0873	0.376	0.4895	0.2782	0.0323	0.1016	-0.2597	-0.0903	-0.034	-0.3492
PY00150	-0.4542	-0.1436	-0.0115	-0.0314	0.067	-0.2391	-0.1585	0.1173	0.0469	-0.064	0.0197	0.4435
PY04939	0.247	0.0506	0.186	-0.6545	-0.4399	-0.061	-0.0925	0.0387	0.0233	-0.2347	-0.3367	0.1953
PY05356	1.0035	0.6671	0.3039	0.7511	-0.0743	0.1908	0.1512	-0.5316	-0.2267	-0.3964	-0.5902	-0.1773
PY01157	0.2282	-0.1319	0.0995	0.0942	0.1859	-0.1707	-0.1234	0.0876	0.1426	0.3062	0.0029	-0.1717
PY00082	0.6241	0.165	0.1923	0.0526	-0.0696	0.0367	-0.0152	-0.8037	-0.1446	-0.3285	-0.0852	0.1156
PY01849	0.3142	-0.0411	-0.0484	0.0532	-0.0163	-0.0805	-0.0535	-0.0157	0.1052	-0.2205	-0.0194	0.1969
PY05169	0.2685	0.3549	0.6849	-0.378	-0.3271	0.2549	0.588	0.1673	0.6296	-0.1167	-0.1251	0.3719
PY05352	0.1696	-0.0461	0.2089	0.1035	-0.0055	-0.0107	0.233	0.3074	0.2047	0.0355	-0.0588	0.3511
PY04037	-1.0265	0.1297	-0.2131	-0.4433	0.4567	0.322	0.2217	0.6537	0.324	0.0192	0.8933	-0.1536
PY03957	1.0732	0.3011	0.1173	-0.3634	-0.396	-0.1804	0.0512	-0.3956	0.0314	-0.3442	-0.8851	0.0633
PY00502	-1.2046	-0.1996	-0.1386	-0.237	-0.2368	-0.2741	-0.4854	0.2944	0.0023	0.1631	0.3397	-0.348
PY03378	0.2249	0.508	0.1403	0.4775	-0.0734	0.2374	0.1902	-0.1915	-0.0241	-0.0744	-0.3467	-0.2108
PY04893	-0.1506	-0.1259	-0.2519	-0.0567	0.2482	-0.0181	-0.3063	0.1723	0.0765	-0.3401	0.4337	-0.3985
PY05015	0.4327	-0.0081	0.258	-0.1053	-0.496	0.0033	0.0688	0.0464	0.2414	-0.3394	-0.5316	-0.1749
PY06631	1.1346	0.1977	-0.4504	1.0932	-0.116	-0.0993	-0.0296	0.3984	-0.1148	0.2906	0.0991	-0.2007
PY05045	-0.0613	-0.1675	0.0847	0.256	0.0883	-0.3379	-0.3188	-0.1399	0.0628	-0.0615	0.1141	-0.1545
PY07132	-0.2039	0.1223	0.033	0.0473	0.1347	0.2626	0.2818	-0.1282	0.161	-0.1858	-0.0257	-0.2446
PY07295	0.2318	0.0064	-0.1495	0.0472	-0.2875	-0.1277	-0.122	-0.1415	-1.1309	0.0069	-0.3549	-0.2114
PY05692	0.912	0.6479	0.2099	0.7152	-0.0877	0.0657	-0.1166	-0.3339	-0.1076	0.1562	-0.5233	-0.187
PY00066	-0.2202	0.1249	0.1735	-0.2825	-0.0593	-0.0747	-0.0849	-0.2771	-0.0753	-0.1519	-0.1469	0.0005
PY03128	-0.0158	-0.0858	-0.391	-0.4908	-0.0149	0.1676	-0.0492	-0.2332	-0.3003	-0.3574	-0.4347	-0.2691
PY01320	0.2183	-0.0461	-0.0825	0.3664	0.1343	0.1409	-0.1313	-0.0821	-0.1392	-0.2503	-0.2898	-0.0943
PY02994	1.1345	0.7848	1.091	0.6369	-0.6569	0.0214	0.2587	-0.5821	0.1859	-0.3449	-0.9009	0.0395
PY05628	0.5158	0.4539	0.2643	0.4425	-0.8833	0.2553	0.2155	-0.2082	0.0658	-0.1573	-0.619	0.0824
PY03244	-1.7483	-0.6565	-0.2105	-0.8534	-0.3346	-0.0257	0.0326	0.4712	0.0044	0.036	0.814	-0.3192
PY00183	0.1519	-0.0545	0.0581	0.172	0.5642	0.4752	-0.0646	-0.1194	-0.2024	0.021	0.3299	0.0799
PY07615	-0.395	-0.9703	-0.4614	-0.1476	0.1767	0.0403	0.1119	0.3839	0.6869	0.4713	0.1919	-0.0639
PY05883	-0.5679	-0.2729	-0.1564	0.274	0.2297	-0.1168	-0.1679	-0.132	-0.2531	0.0141	0.3562	0.2555
PY03589	-0.709	-0.0345	-0.213	0.2093	0.3963	0.0264	0.0418	-0.2042	0.2493	0.5391	0.246	-0.298

PY02022	-0.029	0.09	0.0934	0.1233	-0.2876	0.0582	0.1371	0.1052	0.1083	0.3836	-0.7002	0.1157
PY06659	-0.4908	0.1702	0.3292	1.0254	-0.6346	-0.238	0.1138	0.1837	0.2368	-0.1008	-0.5351	-0.0577
PY02180	0.0655	-0.3571	-0.0128	0.2053	0.2784	0.0199	0.2793	0.2342	0.4406	0.7011	0.2167	0.1858
PY06068	-0.2213	0.0457	0.1511	-0.377	0.0718	-0.2314	-0.3609	-0.4922	-0.266	-0.2315	0.0113	-0.2047
PY04521	-1.4311	-1.0252	-0.8815	-1.1438	-1.0913	-0.025	0.0448	0.5778	0.1839	0.4106	0.6455	0.0276
PY07233	0.0709	0.0769	0.2221	-0.3699	0.7509	0.3198	0.1881	-0.3008	0.0644	-0.5429	0.4102	0.2073
PY01562	-0.2565	0.0087	-0.2038	-0.2669	-0.1323	-0.2636	-0.2936	-0.2616	-0.2753	-0.3353	-0.0757	-0.3162
PY03582	-0.0611	0.1015	0.5951	0.0026	0.118	0.3187	0.1592	0.0064	-0.4964	-0.199	-0.1715	-0.0444
PY00766	-0.7611	-0.2104	-0.0566	-0.5746	0.3514	0.1462	0.1513	-0.7631	-0.0795	-0.2849	-0.2085	0.2898
PY04580	0.2581	0.0765	-0.1508	-0.3537	0.046	-0.4368	-0.5277	-0.175	-0.0369	-0.172	-0.1431	-0.3284
PY00161	0.8005	0.6572	0.9251	0.2646	-0.1863	0.2918	0.5582	-0.0104	0.2312	0.3297	-0.7405	0.3662
PY01930	0.1801	-0.1879	-0.2728	0.4029	0.9531	0.2525	-0.0623	-0.2302	-0.3236	-0.2875	0.3671	0.1293
PY04622	-0.064	0.1268	-0.5701	-0.1193	-0.3793	-0.0083	-0.1726	0.2565	-0.0172	0.1569	-0.0023	0.0209
PY07394	-0.112	-0.1914	-0.958	-0.6195	0.2152	-0.1712	-0.2639	-0.0754	-0.6126	-0.1158	-0.2721	-0.386
PY03953	-0.1366	-0.2039	-0.0441	0.1018	-0.0563	-0.0182	-0.1459	0.1943	-0.0735	0.1183	0.285	-0.1202
PY00616	-0.4457	-0.0455	-0.053	0.2168	-0.1431	0.0013	-0.0471	-0.1756	-0.0571	0.0049	-0.9077	0.0743
PY05441	-1.5726	-1.6933	-1.5196	-0.2761	-1.0159	-0.6937	-0.0445	0.7808	0.5243	0.636	0.9672	0.3593
PY06992	0.602	0.5145	0.5453	-0.1489	-0.5075	-0.0377	0.106	-0.1734	0.1601	-0.2087	-0.3221	-0.0595
PY06035	-0.1574	0.2272	-0.1775	-0.2076	-0.5112	-0.023	0.2091	0.3531	0.5157	0.2623	0.1982	0.1125
PY01039	-0.1222	-0.3099	-0.3976	-0.8256	-0.537	0.1749	0.0036	-0.3393	0.0043	-0.3728	-0.0191	-0.0833
PY01997	0.3162	0.2593	0.2061	0.0543	0.2343	0.0262	0.0833	0.0049	0.0004	0.0195	0.8843	-0.3053
PY07303	0.2157	0.0098	-0.0199	0.0374	-0.0658	-0.1193	-0.2413	-0.4997	-0.3953	-0.8844	-0.4323	-0.3755
PY01983	0.1178	0.2148	0.2144	-0.2469	-0.1603	-0.0386	0.1371	-0.2308	-0.0765	-0.5334	-0.3594	0.0211
PY03698	-0.2306	-0.1762	-0.1396	0.0197	-0.1242	-0.2847	0.0226	0.3439	0.4934	0.0047	0.1255	0.4012
PY06503	0.2167	0.1959	0.0393	-0.1049	-0.8414	-0.0477	-0.0812	-0.1404	0.0163	-0.0833	-0.1751	0.2176
PY02906	0.3081	0.4903	-0.2914	0.4209	0.1311	-0.1238	-0.2346	-0.0202	-0.1372	-0.3623	-0.0045	-0.4734
PY03775	0.2324	0.0398	-0.0731	1.0673	0.6628	0.2347	-0.0141	0.3638	-0.0167	0.8347	-0.1169	0.224
PY03548	0.4674	0.2192	-0.0095	-0.1992	-0.2227	0.2745	-0.3719	-0.5036	-0.4051	-0.1245	-0.5258	-0.2015
PY01512	-0.5467	-0.1967	-0.3055	-0.3252	-0.246	0.0887	0.3544	0.5886	0.5165	-0.1245	0.5754	-0.1205
PY05112	0.1893	0.2687	0.2156	0.2505	-0.0765	-0.2018	0.152	-0.0937	0.1744	0.1462	-0.3556	0.5067
PY04010	0.0631	-0.0358	-0.13	0.543	0.2684	0.5696	-0.1123	0.056	-0.2563	0.1705	-0.2411	-0.1913
PY02283	-0.1475	-0.1115	-0.1544	-0.6056	0.1619	0.2499	0.16	-0.3272	-0.1035	-0.5715	-0.0742	-0.0051
PY04189	-0.0487	-0.2752	-0.5851	-0.3395	0.0042	-0.2853	-0.1955	-0.0884	-0.1202	0.1079	0.1229	0.182
PY05660	-0.1769	0.1326	-0.2173	-0.121	0.0468	-0.1049	0.1257	0.2274	0.231	0.0084	0.0907	0.2417
PY03958	-0.1185	-0.2397	-0.1487	-0.2183	0.1984	-0.3169	-0.14	-0.0591	0.3443	0.051	0.0017	0.2055
PY05494	-0.2804	-0.0095	0.1578	-0.2803	-0.0537	0.2752	-0.4421	-0.1603	-0.4404	-0.3685	-0.5455	-0.2314
PY03857	0.4162	0.2245	-0.048	0.3507	0.3083	-0.1651	-0.0184	-0.2904	-0.4357	-0.4735	-0.0611	-0.4708
PY05281	0.2174	-0.106	-0.2052	-0.1589	-0.0635	-0.2879	-0.1398	-0.0227	0.2132	0.0462	0.0727	0.1062
PY05484	0.278	-0.0897	0.0699	-0.1363	-0.2298	0.0137	0.4737	0.0179	0.3645	-0.3644	-0.3027	0.5494
PY07048	-0.5062	0.0164	0.2701	-0.2312	-0.3988	-0.075	-0.1216	0.2474	0.1741	-0.1624	-0.0774	-0.2986
PY00976	0.3231	0.1183	0.4406	-0.086	-0.2386	0.089	-0.0179	-0.195	0.078	0.1829	-0.3447	0.2759
PY01879	0.0323	-0.5306	0.2338	0.1238	0.4319	0.0917	0.0519	0.0292	-0.2253	0.2446	0.1253	0.317
PY05907	0.1626	0.0453	0.1866	0.0409	-0.4956	-0.004	0.1834	-0.0588	0.2041	-0.1113	-0.3294	0.0551
PY06640	0.2229	-0.0035	-0.0756	0.0186	-0.0674	-0.0674	0.0854	-0.2148	0.0013	-0.141	-0.3017	-0.1082
PY04686	0.5692	0.4723	0.2732	-0.2072	-0.3427	-0.0535	0.0758	-0.0023	0.0535	-0.2449	-0.4066	0.1436
PY06413	0.0882	0.2118	-0.3688	-0.5465	-0.1959	0.0558	0.2031	0.254	0.0951	0.3417	0.4656	0.2824
PY03715	0.0057	-0.0092	-0.1712	0.6276	0.1609	0.0435	-0.3563	-0.1804	-0.2464	-0.0414	-0.0027	-0.3364
PY01638	0.5389	0.4224	0.3142	-0.5988	-0.3964	-0.0279	0.2254	-0.2592	0.1203	-0.8743	-0.5951	0.1696
PY00550	-0.399	-0.1311	0.1456	-0.2486	-0.1652	-0.3926	0.1637	-0.0129	0.1107	0.0148	0.4146	0.3936
PY06362	-0.0783	-0.1619	-0.3524	-0.2814	-0.1377	0.2193	0.0216	-0.0586	0.1213	-0.0495	-0.0853	0.3649
PY06272	0.2203	0.0035	-0.2262	-0.1724	0.1007	-0.105	-0.4747	-0.2292	-0.312	-0.1785	-0.1293	0.3607
PY02051	-0.6818	-0.41	0.0868	-1.2945	-0.3957	-0.0238	0.0903	0.3956	0.2765	-0.1101	1.0267	-0.0029
PY00800	1.2651	1.0004	1.1029	0.2768	-0.626	-0.3592	0.0751	-0.8656	-0.0707	-0.4542	-1.4668	-0.0477
PY01483	-0.1376	0.0872	0.3545	-0.2289	-0.5206	0.1623	0.6383	0.0942	0.2219	-0.2391	-0.5882	0.2437
PY05705	-0.2281	0.1864	0.2514	0.3405	0.1771	-0.1986	-0.2363	-0.2699	-0.047	-0.1122	-0.5261	-0.6064
PY01185	-0.5901	-0.1787	-0.0528	0.0675	-0.4552	-0.1082	0.388	0.1323	0.7424	0.2311	-0.218	0.4086
PY07489	-0.2213	-0.0103	0.129	0.7294	0.2933	0.0251	-0.0623	0.0483	-0.0287	-0.0399	0.4657	-0.0141
PY05332	0.1098	0.0489	0.0528	-0.0634	-0.5291	0.3432	-0.4214	0.1451	0.149	0.4584	0.131	-0.3173
PY01670	-0.2051	-0.0928	0.025	-0.2294	0.04	0.0992	0.2201	0.3201	0.6093	0.2852	0.4891	0.3925
PY07656	0.089	-0.0224	-0.0575	0.5099	-0.4604	-0.2204	-0.0762	0.1427	-0.1676	0.2766	-0.4406	-0.5346
PY03813	-1.1563	-0.04	0.3168	-0.5142	0.0539	0.0175	-0.1305	0.0455	-0.3005	-0.0384	0.1243	-0.4785
PY01400	0.3071	0.3175	0.1798	-0.2503	-0.0468	-0.109	-0.0564	-0.2701	-0.1553	-0.5013	-0.3971	-0.1942
PY03751	0.064	0.1004	0.5563	0.3511	0.123	0.191	0.3711	-0.1376	0.2376	-0.2395	-0.0514	0.1018

PY00355	-0.535	-0.4924	-0.1169	-0.0147	0.5019	0.2455	-0.1287	0.0853	-0.055	0.0846	0.2656	-0.0049
PY00838	-0.2673	-0.2595	-0.0932	0.5679	0.3914	0.1274	-0.0363	0.3024	-0.3424	0.5718	0.3563	0.0928
PY00652	-0.452	0.285	0.2646	0.3314	-0.3498	-0.2189	0.2815	0.0771	0.25	0.4877	0.1763	0.1474
PY03756	0.4065	0.1418	0.3552	0.2622	-0.216	0.0842	0.2959	-0.0987	0.0911	0.4057	-0.4419	0.1991
PY04680	0.2148	-0.0094	0.0707	0.1602	0.0343	0.1317	-0.0496	-0.0589	-0.3081	0.0272	-0.3408	-0.3321
PY00930	0.0135	0.2344	-0.4482	-0.6919	-0.4176	-0.1973	-0.0649	-0.2988	-0.6266	0.0425	-0.0767	0.3661
PY01120	-0.259	-0.1121	-0.0725	-0.1533	0.2517	-0.1059	-0.1994	-0.3995	-0.2126	-0.2346	-0.2838	-0.011
PY03351	0.1494	-0.0781	0.0285	0.049	0.5737	0.4178	0.0721	-0.0539	-0.2473	-0.1353	0.2426	0.0024
PY01232	-0.722	-0.3645	-0.1585	-0.089	-0.3465	-0.2958	0.1901	0.167	0.1942	-0.082	-0.059	0.1517
PY03471	-0.7836	-0.2468	0.0152	-0.1979	-0.3102	-0.1207	-0.0713	0.369	0.2032	0.2913	0.5428	0.2528
PY00591	-0.6669	-0.3057	-0.2221	-0.795	-0.7528	-0.2521	0.0955	-0.1817	0.3628	-0.252	-0.2843	-0.0362
PY05323	-0.8725	-0.0306	0.1898	-0.2152	-0.2678	-0.0437	-0.0086	0.1692	0.1995	-0.2266	0.0402	-0.0362
PY05420	-0.0044	0.0541	-0.1052	-0.1375	-0.1161	0.073	-0.0021	-0.1142	-0.1468	-0.0837	-0.3466	-0.0079
PY02899	0.3929	0.4925	0.2596	0.0517	-0.4681	-0.3315	-0.1399	-0.4059	-0.2398	-0.2358	-0.365	-0.0278
PY03500	-0.2833	0.1121	0.3087	-0.2861	-0.893	-0.3787	0.1526	0.3451	0.222	0.2406	0.2654	0.0643
PY03236	0.0167	0.0308	0.2271	0.3248	-0.1956	0.0053	0.2408	-0.0146	0.2038	-0.4097	-0.0934	-0.0777
PY06815	-0.4192	-0.2973	-1.0088	-0.5681	-0.0904	-0.194	-0.1452	-0.1028	-0.0143	0.0878	-0.3871	0.157
PY01923	-0.2644	0.0365	0.1863	-0.5391	-0.3508	-0.0485	0.1856	0.1637	0.2335	-0.46	-0.111	-0.0145
PY05777	0.3635	0.2714	-0.4599	0.0005	0.7184	0.0402	0.3092	0.2442	0.0925	0.2455	0.1762	0.2667
PY00828	0.0762	0.1431	0.6169	0.3022	0.0586	0.4047	0.439	-0.0948	0.3347	0.1242	-0.5215	0.3125
PY03212	-0.5064	0.0031	0.1222	0.1819	-0.3596	-0.041	-0.2292	-0.1061	-0.2336	-0.3915	-0.0221	-0.3776
PY04754	0.8513	0.2387	0.0677	0.027	0.158	0.5228	-0.1233	-0.4707	-0.1033	-0.1616	-0.5945	0.3227
PY03701	0.1952	0.0351	-0.1027	0.0053	0.0832	0.0332	-0.1565	-0.0985	-0.2469	-0.1848	-0.0242	-0.1036
PY00608	-0.0799	-0.1078	0.0534	0.4815	0.7982	0.5176	0.4209	0.6112	0.2237	0.7823	0.6437	0.4401
PY03472	-0.7418	-0.2155	0.0612	-0.3301	-0.1354	0.1713	0.2154	0.2712	0.0033	-0.2387	0.5847	-0.2765
PY07041	-0.3036	-0.1291	0.0015	0.0573	0.1747	-0.0239	-0.0934	-0.1672	-0.0031	-0.1873	-0.4065	-0.0722
PY00443	1.1031	0.5631	0.4456	0.3362	-0.1562	0.0656	0.0538	-0.4184	-0.1219	-0.8083	-0.5384	-0.0825
PY01887	-0.3347	-0.1882	-0.0977	-0.3967	0.2691	-0.3339	-0.0071	-0.4339	0.182	-0.0191	0.4753	0.36
PY02738	-0.5534	0.0062	0.2601	-0.0179	-0.2121	-0.0461	-0.1769	0.2027	-0.5536	-0.0713	0.1338	-0.9435
PY05383	0.6185	0.3039	0.1554	0.2582	-0.5567	0.2111	0.2834	-0.146	0.1927	-0.0489	-0.7348	0.3371
PY02507	-0.1304	0.236	0.1026	-0.1764	0.29	0.1975	-0.1614	-0.1429	-0.2146	-0.0087	-0.4313	0.0242
PY02859	0.122	0.0648	0.0817	-0.7814	-0.2796	0.0047	0.3947	-0.4582	-0.8035	-0.5024	-0.372	0.2921
PY00964	0.0845	-0.0905	-0.089	0.1778	0.1229	-0.1488	-0.0555	-0.2404	-1.0655	0.0428	-0.058	-0.2258
PY00026	0.6428	0.2116	0.117	0.0866	-0.3632	-0.3326	-0.0551	-0.3907	0.1916	-0.2693	-0.6283	0.7367
PY01217	0.229	0.1222	-0.0364	-0.5568	-0.0888	-0.0066	-0.051	-0.3161	-0.2605	-0.0588	-0.3155	0.1295
PY02176	0.3971	0.2094	0.3715	0.2305	0.4085	0.3545	0.4724	-0.0934	0.0111	0.0977	-0.1532	0.1871
PY07835	-0.1359	0.0826	0.5764	0.0732	0.1643	-0.0138	0.0032	0.2351	0.1803	0.2051	0.2493	-0.2565
PY02817	-0.3214	-0.3342	-0.4665	0.12	0.0526	-0.0653	0.2888	0.3556	0.09	0.1631	0.4044	0.2783
PY00027	-0.0496	-0.0808	-0.248	-0.1257	-0.0434	-0.0183	0.0442	0.147	0.1986	-0.037	-0.0475	-0.0087
PY01447	0.3425	0.2004	0.1434	0.025	-0.5075	0.1448	0.1255	0.0607	0.1484	-0.2897	-0.6303	-0.1508
PY02025	-0.3414	-0.1184	-0.053	-0.1446	-0.0848	-0.0152	-0.0487	-0.116	-0.2232	-0.2374	0.179	-0.2532
PY01589	1.0303	0.472	-0.0179	0.4119	0.0318	0.1301	0.238	-0.1763	0.0143	-0.2562	-0.7611	0.0931
PY02303	-0.2877	-0.2778	-0.3297	0.2598	0.1608	0.0014	-0.1982	0.1497	-0.095	0.003	0.0025	-0.235
PY07497	-0.7107	-0.2238	-0.2944	-0.9633	-0.6097	-0.3722	0.1236	0.4146	0.0776	0.2344	0.7397	0.3529
PY06592	0.4527	0.1256	0.1755	0.3929	-0.0683	0.1336	0.2134	-0.1118	0.4396	0.1806	-0.1691	0.232
PY05604	-0.2777	0.2283	-0.1106	0.053	-0.3205	-0.2981	-0.3267	-0.0208	-0.1562	0.0847	0.2362	-0.3269
PY03219	0.2196	0.2652	0.0429	0.1986	-0.2261	-0.1139	0.2294	-0.2766	0.0297	0.0048	-0.3151	0.336
PY04678	-0.1307	-0.2165	-0.2571	0.385	-0.2442	-0.1465	-0.1628	0.4635	-0.2336	-0.1089	0.0985	0.1231
PY03613	-0.6493	-0.1748	0.0835	-0.026	-0.2318	-0.0193	0.1428	0.0888	0.3159	0.1106	0.4737	0.0144
PY04891	-0.4499	-0.2189	-0.0282	1.0865	0.8113	0.8313	0.1698	0.8244	0.4644	1.317	0.9137	-0.0839
PY02231	-0.1193	-0.091	0.4406	0.0025	-0.3764	0.0822	0.2746	0.2208	0.4413	0.5053	0.2671	0.3274
PY05321	-0.3788	-0.6329	-0.519	-0.6858	-0.0639	0.0975	0.0631	0.1009	-0.0595	-0.1023	0.4364	-0.4408
PY02920	0.1693	-0.0356	0.1462	-0.1494	-0.0833	-0.2339	0.3542	-0.0037	0.0332	-0.2975	0.1663	0.3492
PY00061	-0.4568	-0.8822	-0.1719	-0.0983	-0.3155	-0.1252	-0.328	-0.3286	-0.0762	-0.1961	-0.2905	-0.2314
PY00119	-0.4426	-0.17	0.2003	0.4475	-0.461	-0.1258	-0.2179	-0.0174	0.1502	0.1828	0.2713	-0.2585
PY00052	-0.3232	-0.2971	-0.447	-0.1711	-0.1573	0.1513	0.0638	0.1383	0.1019	0.0279	0.1867	-0.117
PY02058	-0.6304	-0.2691	-0.1892	-0.1721	-0.2043	-0.2069	0.1074	-0.0308	0.0515	-0.0218	0.2169	-0.1997
PY02291	1.0581	0.6816	0.5481	-0.0543	0.0531	-0.118	0.0989	-0.3347	-0.147	-0.2292	-0.978	0.0461
PY01376	0.6564	0.208	0.0164	0.7136	0.1485	-0.1993	-0.2266	-0.0364	0.0351	0.2631	-0.1432	-0.4362
PY04026	0.6941	0.2412	0.4438	-0.0603	-0.2931	0.045	-0.1398	-0.62	0.0514	-0.5363	-0.7123	-0.0192
PY01640	-0.4042	-0.1489	-0.3819	-0.2622	0.1545	0.0632	-0.1177	0.0526	-0.0762	-0.0417	0.2332	0.0702
PY07181	0.0534	-0.1544	0.1943	-0.4328	-0.2884	0.568	0.2778	0.1909	-0.0287	-0.1779	-0.3876	0.0228
PY04254	0.5492	-0.1308	0.1632	0.2615	0.6951	-0.2622	-0.2938	-0.2855	-0.2299	-0.4519	-0.7202	0.0351

PY01200	0.4824	0.2173	-0.1423	1.2437	0.3499	0.4023	0.0454	0.4351	-1.7042	0.5797	-0.4342	-0.6659
PY04438	-0.9299	0.1187	-0.205	0.1455	-0.1502	-0.1865	0.1802	0.4114	0.6462	-0.1092	0.1094	-0.0121
PY05126	-0.276	-0.1771	-0.7676	-0.5224	0.0991	0.0122	0.0336	0.1348	-0.0672	0.1921	0.0204	0.2577
PY01127	-0.9777	-0.3835	-0.0261	-0.5531	0.0675	0.3335	0.1375	0.2102	0.1982	-0.0989	0.3658	0.2997
PY03517	-0.704	-0.0261	0.1008	0.1764	0.4349	-0.0513	-0.0144	-0.0131	-0.3168	-0.1231	0.309	-0.3904
PY03169	-1.2215	-0.1938	0.0799	-0.4714	-0.0774	-0.33	-0.1162	-0.1521	-0.3133	-0.2091	0.2837	-0.2469
PY00817	0.3794	0.0106	-0.2304	0.3252	0.4737	-0.0192	-0.4242	0.0297	-0.4161	0.3492	-0.1228	-0.0951
PY03997	-0.4453	-0.0541	-0.1824	0.2379	-0.1517	-0.4554	-0.3256	-0.0747	0.0108	-0.2113	0.6565	-0.3958
PY01049	-0.6586	-0.3325	-0.5541	0.344	-0.9407	-0.3571	0.0508	0.3477	0.2967	0.1892	0.5009	-0.2333
PY03459	-0.6112	0.0119	0.4781	-0.2426	-0.7784	-0.1278	-0.0797	-0.0383	0.3232	0.1326	0.1154	0.1825
PY05543	0.0155	-0.4354	-0.1231	0.4189	0.0165	-0.1842	-0.0415	0.2152	0.2707	0.4132	0.8151	0.6325
PY00104	-0.3159	0.0809	-0.1731	0.1217	0.02	0.0388	-0.1818	-0.0524	-0.1894	-0.2232	-0.1045	-0.3249
PY07036	-0.246	-0.099	0.0854	-0.2527	-0.3553	-0.4662	-0.319	-0.1908	0.0407	-1.099	0.1546	-0.0255
PY01131	-0.6495	-0.0614	-0.0726	-0.328	-0.4681	0.1761	-0.2062	-0.2518	0.0587	0.0784	-0.3798	-0.3602
PY06431	-1.3332	-0.3711	-0.293	-0.6511	0.087	-0.1427	-0.1803	0.1039	-0.0794	0.2594	0.6118	-0.1646
PY01372	-0.0997	-0.1225	0.0352	0.1245	0.3766	-0.0391	-0.0991	-0.4536	-0.5517	0.0449	-0.2563	0.1258
PY02753	0.6497	0.2724	-0.1973	0.0966	-0.266	-0.3904	-0.3776	0.0928	0.0194	-0.0411	0.6283	0.003
PY04009	0.0323	0.1113	0.2024	0.5268	0.7768	0.1227	-0.1131	-0.0814	-0.2859	-0.1303	0.2677	0.0063
PY02936	-0.1946	-0.2021	-0.354	0.3331	-0.1241	0.1151	-0.1068	0.0424	-0.4476	0.6541	-0.2366	0.2018
PY03722	-0.279	-0.1082	-0.364	-0.4348	0.5184	-0.0705	-0.0232	0.1472	0.0299	0.2874	0.7117	0.182
PY04231	-0.1734	-0.0012	-0.094	-0.9961	-0.9679	-0.3673	-0.0427	-0.3878	0.0079	-0.5072	-0.3157	0.0633
PY07870	0.7698	0.2669	0.4012	0.8863	0.4279	0.0842	0.0399	0.0975	0.211	0.7941	0.0793	0.3499
PY04776	-0.4245	0.0855	-0.0096	0.2941	-0.0416	-0.39	-0.2795	0.1588	0.2008	0.3198	0.0916	0.0825
PY02568	-0.3417	-0.6419	-0.1341	0.227	-0.0137	0.1522	-0.2002	0.2708	0.2824	0.1185	0.3871	0.3101
PY01548	-0.3466	-0.1595	-0.4399	-0.0633	0.4168	0.0347	-0.2193	-0.1757	-0.3446	-0.6104	-0.0489	-0.1846
PY00807	0.2423	0.5209	0.1471	0.8652	0.8653	0.2614	-0.0346	-0.2936	-0.2565	0.1562	0.1911	-0.1442
PY02031	0.291	-0.1814	-0.142	0.3498	0.4999	0.1927	-0.0145	-0.1321	-0.133	0.1298	-0.1344	0.0374
PY01814	0.3218	-0.0372	-0.4442	0.3842	0.2664	0.1928	-0.0956	0.0912	0.1147	-0.1397	-0.3269	-0.3754
PY07072	0.1196	0.2062	-0.1272	-0.3105	-0.2783	-0.3142	-0.1927	-0.313	0.0504	-0.3382	-0.1517	-0.22
PY06885	0.4175	0.4737	0.1555	0.1146	0.1606	0.0725	0.0469	0.1959	0.1551	-0.1083	0.2221	0.0959
PY04866	0.8706	0.2957	-0.0133	0.5649	-0.1269	0.1457	-0.0734	-0.2824	0.2224	-0.2502	-1.0474	-0.2477
PY06936	0.0103	0.2272	0.1629	0.1236	0.0762	-0.206	-0.1717	0.1039	0.2009	0.2501	0.3466	-0.0206
PY03874	0.3282	0.083	0.1439	0.2781	0.1503	-0.0606	-0.0666	-0.1352	0.0469	-0.0757	-0.3293	0.3238
PY02177	0.2545	0.0388	0.5466	-0.0339	-0.0532	0.1384	0.303	0.2728	0.7183	0.2026	0.1495	0.3767
PY05982	-0.0606	0.2773	0.6308	-0.6109	-0.1481	0.3212	0.5223	-0.1328	0.0999	-0.2896	-0.013	0.3375
PY05815	0.3779	0.0491	-0.1459	0.372	0.1986	0.029	0.0478	-0.2482	-0.2585	-0.159	0.0144	0.0917
PY02677	0.3106	-0.0672	-0.2582	-0.0773	-0.1469	0.0687	0.157	0.0472	-0.1163	-0.2954	-0.3833	0.1636
PY02115	-0.6016	0.0174	-0.3355	-0.7431	-0.235	0.0846	-0.0589	-0.0209	0.1705	-1.022	0.2314	0.0541
PY05049	-0.2886	0.0944	-0.1242	-0.5554	-0.3117	0.1369	0.1535	0.229	0.0767	-0.1861	-0.1236	-0.142
PY05111	0.027	-0.2175	-0.4476	-0.0069	0.3387	0.0271	-0.0802	-0.2306	-0.2471	0.0863	-0.0987	-0.1538
PY00351	0.1649	0.3231	-0.0267	0.2352	-0.0073	-0.3051	-0.6231	-0.401	-0.1676	0.3734	-0.2984	-0.4081
PY04141	-0.4616	-0.5236	-0.3473	0.2258	-0.2133	0.0047	-0.0198	0.2839	-0.4056	0.5456	-0.0064	0.037
PY04837	0.1738	-0.249	-0.319	0.2718	0.0533	0.0169	0.0344	-0.0658	-0.0539	0.1936	-0.2404	-0.0101
PY03678	-0.8972	-0.6936	-0.7507	-0.8472	-0.0575	0.1276	0.0275	0.238	0.1383	-0.0428	0.1654	0.019
PY05594	-0.0184	0.1653	0.0376	0.2998	-0.1263	0.2295	-0.0307	-0.2011	0.381	0.589	-0.2214	0.1192
PY02415	0.152	0.0446	-0.2612	0.0601	0.5302	0.0827	-0.1212	-0.3031	-0.3507	0.1122	-0.2645	-0.0168
PY07561	0.2702	-0.0279	0.229	0.3038	0.081	0.169	-0.0202	-0.0906	-0.4521	0.2278	-0.2509	-0.1125
PY07333	-0.0539	-0.1058	-0.1457	-0.4876	-0.3516	-0.0763	-0.1558	-0.1335	-0.028	-0.3554	-0.2054	0.0987
PY07607	1.2829	0.6093	0.8216	0.354	-0.2929	0.09	0.8929	-0.1339	0.4597	0.0458	-0.7618	0.9146
PY03116	0.0681	0.1181	-0.1085	-0.4379	-0.1471	-0.1135	0.1808	-0.0517	-0.009	-0.1959	-0.1431	-0.0399
PY03693	-1.0095	-0.1905	-0.2153	-0.108	-0.3977	-0.3642	-0.074	0.4854	0.4812	-0.3709	0.5903	0.0051
PY03020	0.1844	0.0201	-0.6479	-0.1528	-0.0369	0.1448	0.1749	0.0584	0.1436	-0.1025	-0.0307	0.1815
PY04732	-0.2088	-0.1298	-0.3536	0.7915	0.1442	-0.3013	-0.2363	0.4914	0.24	0.9564	0.1571	-0.0812
PY07371	-1.0117	-0.4092	-0.1439	-0.6878	-1.0559	-0.6033	-0.2151	-0.0796	0.1767	0.1865	-0.1584	0.3352
PY00982	-0.5506	-0.4731	-0.4947	0.1836	0.2191	0.069	-0.2163	-0.2178	-0.0309	-0.2836	0.1035	-0.0225
PY05142	0.7979	0.2979	0.5345	0.1384	0.2305	0.0064	0.1137	-0.2395	0.0011	-0.2034	-0.4792	-0.0356
PY02982	-0.2448	0.2162	0.0945	-0.1624	0.4422	0.0061	0.4347	0.0258	0.3356	0.0646	0.1641	0.0528
PY01348	-0.5725	0.0172	0.2283	0.0406	-0.209	-0.3173	0.0875	-0.0464	0.098	-0.0445	0.2252	-0.0537
PY07532	-0.2852	-0.3325	-0.4271	-0.1038	0.4564	0.1924	-0.2169	0.1142	0.5933	0.0962	-0.0472	-0.3307
PY03533	-0.677	-0.9019	-0.5877	0.1826	0.0272	-0.2027	0.1273	0.2651	0.1656	-0.312	0.2458	-0.3771
PY06381	-0.8312	-0.2419	-0.1829	-0.4742	-0.4069	-0.2843	-0.0831	0.0719	0.3854	-0.0479	0.0758	-0.1559
PY04173	0.2838	-0.3234	-0.3235	0.037	0.5256	0.0332	-0.4727	0.0429	-0.2164	-0.0494	0.0711	-0.2902
PY05999	-0.0259	-0.4051	-0.385	-0.1097	0.3892	-0.0767	0.0018	0.1363	-0.0698	-0.052	0.1926	-0.0189

PY05843	0.0915	0.1028	0.1512	-0.3062	-0.0251	0.1261	0.2305	-0.124	0.071	-0.0078	-0.0336	0.3234
PY01401	-0.5123	-0.1655	0.0131	-0.2877	-0.4023	-0.4741	-0.2209	0.1563	0.3812	0.088	0.5481	0.0134
PY06776	-0.1154	-0.1704	-0.0394	0.2804	-0.0316	0.0396	-0.1503	0.2118	0.1598	0.1614	-0.0015	0.0193
PY01366	0.3457	0.2314	0.1808	0.0407	0.1505	0.2029	0.1185	0.0122	-0.0006	0.0455	-0.3252	0.1455
PY04074	-0.1906	-0.3263	-0.2177	0.173	0.1361	0.1153	-0.1141	-0.0312	-0.3589	-0.0415	-0.3107	-0.102
PY05925	0.4132	0.1527	0.2367	-0.2419	0.0034	0.3884	0.6137	0.0192	0.3666	-0.2403	-0.4877	0.1156
PY01902	0.6308	0.4197	-0.0381	-0.536	-0.181	-0.2895	-0.1304	-0.5623	-0.2471	-0.3988	-0.433	-0.3543
PY07089	0.4218	0.097	0.0186	0.1828	-0.0974	-0.0389	-0.104	0.0063	0.1238	-0.4019	-0.2172	-0.0214
PY00103	-0.0641	-0.2369	-0.372	-0.0624	-0.1012	-0.3459	-0.0028	0.4014	0.172	0.4084	0.3614	0.0461
PY01908	-0.296	-0.2642	-0.7226	-0.291	0.3737	0.0502	-0.281	-0.0837	-0.203	-0.1149	-0.0983	-0.1716
PY04495	0.3549	-0.0636	0.3125	0.1231	-0.3267	-0.058	-0.0659	-0.3217	-0.0206	-0.2042	-0.5716	-0.7155
PY05279	0.9022	0.2526	0.6518	0.1868	-0.1249	0.3619	0.5803	0.2804	0.3772	-0.0813	-0.3303	0.4311
PY04027	0.8619	0.5831	0.4789	0.3027	-0.2826	-0.0171	0.1685	-0.2965	0.2077	-0.311	-0.8234	0.0648
PY00631	-0.3659	-0.641	-0.4832	-0.5794	-0.1945	-0.2913	0.3246	-0.1058	0.3517	-0.2286	0.0965	0.4136
PY00381	-1.0677	-0.0939	0.2634	-0.0986	0.0451	-0.0962	0.0436	0.4197	-0.175	-0.7092	0.5925	-0.3589
PY05032	-0.6585	-0.1526	0.108	-0.2109	0.4671	0.0639	-0.2999	-0.0877	-0.0047	-0.2079	0.2373	-0.1702
PY02446	0.4478	0.1085	0.1924	-0.1147	0.0842	0.3138	0.3898	-0.2063	0.0228	-0.4578	-0.5816	0.1844
PY06453	-0.5036	-0.0017	0.3366	-0.2556	-0.2539	0.4206	0.5348	0.5747	0.3772	-0.3575	-0.0333	-0.1312
PY07273	-0.352	-0.0704	-0.2749	0.0992	0.3153	0.1045	0.083	0.3359	-0.4516	-0.4981	0.3539	-0.1508
PY02969	-0.5373	-0.0758	-0.1819	-0.3521	-0.3886	0.0984	0.2386	0.2432	-0.2874	-0.4044	-0.4889	-0.5534
PY04740	-0.4233	-0.5015	0.1243	0.0084	-0.1628	0.2742	0.1179	0.2901	0.3576	-0.0017	-0.0025	-0.1367
PY02776	0.0606	-0.0615	0.2071	0.6297	0.0853	0.2032	0.1249	-0.0816	-0.0641	-0.6117	-0.0989	0.0989
PY06285	-1.3318	0.0142	-0.3836	-0.6664	-0.7393	-0.52	0.3412	0.8785	0.8313	0.6188	1.7662	0.2558
PY01470	-0.1384	-0.0459	-0.021	-0.7688	-0.9096	-0.0622	-0.1274	-0.7693	-0.2719	-0.4715	-0.8901	0.0482
PY05658	0.1802	0.1288	-0.187	-0.4323	-0.2874	0.3014	0.0055	-0.2797	-0.2549	0.0117	-0.7489	0.0343
PY05746	0.5122	0.2829	0.081	0.4481	0.1322	0.2539	0.1002	0.169	-0.1303	-0.0468	-0.1984	0.159
PY02709	-0.1774	-0.2005	-0.0505	-0.4563	-0.0927	0.0687	0.204	0.0077	0.3012	-0.1074	-0.0462	0.3272
PY01356	-0.5171	-0.0832	0.2379	-0.3814	0.356	0.2064	-0.1591	-0.0847	-0.2298	-0.5037	0.1273	-0.63
PY06448	-0.6934	-0.1235	-0.1139	0.1	0.2436	0.1686	0.1087	-0.1619	0.067	0.1626	0.2615	-0.1322
PY01002	-0.1661	-0.1412	0.3081	0.3806	0.4765	-0.0599	-0.1478	-0.2324	-0.2516	0.2216	0.2629	-0.2242
PY01274	-0.7404	0.0216	-0.2149	-0.0218	-0.0821	0.5496	0.0721	0.5058	-0.0095	-0.302	-0.2086	-1.0199
PY04941	-0.0121	0.0895	-0.0711	0.6627	0.1172	-0.029	-0.0301	0.561	0.2605	0.2812	0.0254	-0.1623
PY02918	-0.7643	-0.0528	0.138	0.1714	0.1054	0.2163	0.1361	0.2044	-0.0085	0.2401	0.1137	-0.172
PY02377	0.6907	0.1541	0.0367	-0.0594	0.2306	-0.1962	-0.1194	-0.2485	-0.1603	-0.2479	-0.4658	0.0989
PY04777	-0.4713	0.2457	0.3486	0.6492	0.1097	-0.1816	-0.1252	0.1064	0.304	0.3335	0.965	-0.0201
PY05695	-0.1066	0.1908	0.2404	0.519	0.2568	0.1524	0.1849	0.2973	0.1583	0.4126	0.0495	0.1044
PY04892	-0.0993	-0.0553	-0.2984	-0.1234	0.0576	-0.1386	-0.2562	-0.2176	-0.1162	-0.913	-0.0029	-0.5862
PY03621	-0.4991	-0.0937	-0.0523	-0.1597	-0.2947	-0.1187	0.0466	0.2832	0.1926	0.202	0.1185	-0.0659
PY02069	-0.0244	-0.0688	0.0759	0.7151	0.57	-0.0342	-0.1333	0.5016	0.2524	0.6196	1.123	0.2564
PY05481	0.0802	0.0475	-0.1247	-0.4212	-0.0611	0.0327	0.0525	-0.1675	-0.0896	-0.1158	-0.0774	0.1423
PY01360	0.1075	-0.1692	-0.3355	1.5415	1.0326	0.0731	-0.2961	0.5811	0.0914	1.033	0.9177	0.1031
PY06043	-0.0729	-0.2709	-0.2803	-0.3602	0.2291	-0.2235	-0.0411	-0.3219	-0.0715	-0.2385	-0.105	0.0429
PY05468	0.1086	0.1993	0.1947	0.6609	0.164	0.1839	0.0497	0.1078	-0.0024	0.5305	0.0913	-0.093
PY00571	-0.5735	-0.3086	-0.1097	0.7282	0.4016	0.0398	-0.1508	0.3842	0.024	0.1981	0.4042	-0.1692
PY02312	0.0994	0.1849	0.0522	-0.6285	-0.1623	-0.0439	-0.0452	-0.1974	0.054	-0.5456	0.0404	0.0311
PY00878	0.2463	0.1449	0.2618	-0.1357	-0.4766	0.0775	0.0281	0.0145	0.3551	-0.0926	-0.6764	-0.0681
PY06426	-0.8375	-0.2617	0.1756	-0.3408	-0.4261	-0.5441	-0.1129	0.2463	0.2101	0.3296	1.0956	0.0635
PY04304	0.2473	-0.0022	0.2491	-0.3942	0.2221	0.1127	0.2796	-0.1944	0.3717	-0.4095	-0.4073	0.0853
PY00469	-0.9041	-0.2805	-0.4674	0.9527	-0.7903	-0.6552	-0.6039	0.0823	-0.589	0.148	-0.01	-0.0385
PY00013	-0.1116	-0.0718	-0.2026	-0.1008	0.4713	-0.1158	0.0869	0.1268	0.0271	-0.1537	0.2811	0.2598
PY03680	0.6081	0.2448	-0.2539	0.1452	0.0496	-0.0725	-0.1864	-0.3081	-0.1985	-0.0528	-0.224	-0.0323
PY05084	0.2922	0.06	-0.2923	-0.4035	0.1487	0.2488	0.2455	-0.1349	-0.0829	-0.2856	-0.1282	-0.1146
PY02247	-0.3818	0.2174	0.2997	-0.1636	-0.1273	-0.1811	0.4301	0.1028	0.244	0.3744	0.5919	0.1373
PY01432	-0.278	-0.2444	-0.2363	0.6996	-0.2641	-0.0948	0.0712	0.2627	0.0292	0.5461	-0.2304	0.3587
PY01756	-0.7318	-0.7242	-0.5195	-1.3787	0.6214	0.0264	-0.2312	-0.0426	-0.4646	0.0091	0.1835	-0.0397
PY01297	0.1109	-0.3131	-0.5787	0.4748	1.4187	1.3813	0.0726	0.5978	0.3352	0.8453	0.8944	0.7212
PY00194	0.14	0.2812	0.5693	-0.2274	-0.3909	0.0644	0.5945	-0.0991	0.1732	-0.012	-0.5271	0.2121
PY01905	-0.6169	0.2263	-0.4404	0.2581	-0.1792	0.2383	0.1753	0.2646	0.528	0.3789	1.0189	0.2753
PY01282	0.3503	0.105	0.0035	-0.1187	0.2902	0.4199	0.0089	-0.1837	-0.145	-0.0813	-0.2147	0.0419
PY01069	0.1937	0.0378	0.103	-0.0771	-0.1229	0.0814	-0.2014	0.0367	-0.3606	0.2835	-0.3494	-0.0153
PY00071	0.1977	-0.1709	0.3429	-0.3112	0.0216	0.0895	-0.085	-0.2641	0.0801	0.0192	-0.8252	0.2013
PY00462	-0.1947	-0.5528	-0.5676	-0.5892	-0.0753	-0.1201	-0.0559	0.1013	-0.0731	-0.2179	0.2709	-0.2943
PY01553	-0.1918	-0.3324	-0.1873	-0.1868	0.3486	-0.0351	-0.0262	-0.0367	-0.106	0.2401	0.1996	0.3268

PY02104	-0.5687	0.1045	0.0085	-0.0307	-0.2308	-0.0377	-0.0335	0.1179	0.622	0.2005	0.0197	0.0297
PY00681	0.2121	0.2888	-0.3164	0.185	-0.4345	-0.5509	-0.489	-0.3379	-0.1563	-0.2811	-0.0896	-0.2662
PY03460	-0.2453	0.2395	-0.2729	-0.4391	-0.0533	-0.0452	-0.0062	0.0624	-0.0802	0.0327	0.6139	-0.1185
PY07080	0.1254	0.0119	-0.3022	0.9949	0.2297	-0.0669	-0.069	0.0788	0.0486	-0.0843	0.3447	-0.1928
PY02384	-0.2228	-0.0079	-0.1539	0.0684	-0.2083	0.0146	0.1322	-0.1889	0.1098	-0.1858	-0.1345	0.2415
PY02209	0.5975	0.1746	0.1008	0.6953	0.2113	-0.1648	-0.1586	0.0146	-0.2262	-0.044	-0.1088	-0.2244
PY04061	0.1837	-0.0528	-0.2009	-0.0685	0.3938	-0.0336	0.188	-0.1701	0.149	-0.1357	0.1173	0.4149
PY00788	-0.5197	-0.1377	-0.0233	-0.5772	0.2635	0.0604	0.1771	0.1086	0.1939	-0.1769	-0.0786	0.1366
PY00646	-0.4849	-1.0141	-1.182	-0.922	-0.3189	-0.1787	-0.2818	0.2951	0.3638	0.7337	0.547	0.1859
PY01073	-1.0704	-0.1824	0.1332	0.1234	-0.338	-0.1563	-0.1136	0.2237	0.0236	0.4459	0.1662	-0.1825
PY04528	-0.0484	-0.1762	-0.5218	-1.3314	-0.2828	-0.222	-0.2697	-1.1878	-0.501	-1.8507	-1.43	-0.1238
PY06081	-0.2778	-0.2176	-0.3486	0.5046	-0.618	0.0308	-0.0157	0.3083	0.0462	0.3332	0.0541	0.0798
PY01023	-0.3952	-0.1705	-0.2019	0.2495	0.8482	0.3872	-0.1474	0.1134	-0.0168	0.585	0.471	0.1172
PY06397	0.9969	0.5766	0.8216	0.214	0.0496	0.0716	-0.0245	-0.5503	-0.1254	-0.1384	0.4441	-0.0623
PY07382	-0.1371	0.0224	0.4691	-0.3071	-0.1765	0.2305	0.4577	0.3439	0.0744	-0.6118	-0.568	-0.7316
PY06009	0.1622	0.1579	-0.0414	-0.0594	0.1952	-0.099	-0.0866	0.1547	0.0324	0.1448	0.2798	-0.0291
PY01180	0.4886	0.3655	0.4059	0.1147	-0.1128	-0.0046	0.0768	-0.1333	0.2055	-0.0943	-0.3872	0.2105
PY03054	-0.0858	-0.0461	-0.0514	1.3712	0.6798	0.0936	0.0131	0.8175	0.0927	1.368	0.9782	0.1641
PY02816	0.0262	-0.0708	0.2976	0.1535	-0.1343	-0.4328	-0.0234	0.0053	0.0121	-0.1608	-0.295	0.0427
PY01555	-0.1853	-0.0752	0.1989	0.1175	-0.2381	-0.0694	-0.0855	0.1904	-0.0306	0.1391	0.1197	-0.0349
PY00664	-0.3348	0.1164	0.5395	0.3141	-0.1437	-0.3014	-0.3854	0.276	0.226	-0.0721	0.3973	-0.1324
PY00549	0.5163	0.2736	0.7257	0.1039	-0.1096	0.2991	0.4675	-0.0511	0.3928	-0.0614	-0.4722	0.4378
PY06156	1.1103	0.1923	0.1875	0.7669	0.5604	0.3136	0.2009	0.083	0.115	0.518	0.0019	0.3095
PY04370	0.2667	0.0995	0.0958	0.7021	-0.7011	0.2335	-0.0605	0.272	-0.0919	0.4547	0.3352	0.3807
PY02599	-1.0038	-0.4141	-0.1796	0.1401	0.1239	0.2833	-0.2248	0.1008	-0.2472	-0.1887	-0.0701	-0.2617
PY04441	-0.5409	-0.6791	-0.631	0.2503	0.623	0.1942	-0.1649	-0.0082	-0.3264	0.182	-0.0415	0.3147
PY01722	-0.258	0.0016	0.1678	0.6575	-0.0895	-0.4309	0.0588	0.3448	0.0819	-0.449	0.5984	0.457
PY05104	-0.1592	-0.0698	0.1271	0.2285	0.2824	0.22	0.0825	-0.2759	-0.2731	-0.0988	1.2553	-0.2768
PY02552	-0.1005	0.0717	-0.0249	0.0905	-0.4857	-0.2852	-0.0854	0.2387	0.1517	0.982	-0.2052	0.3953
PY05246	-0.4564	-0.4106	-0.375	-0.09	0.0333	-0.1838	0.0405	0.5807	0.3966	0.5705	1.1947	-0.015
PY05582	-0.1768	-0.0112	0.2174	-0.9897	-0.7748	-0.1049	0.4743	-0.0847	0.7415	-0.3315	-0.3802	0.9708
PY00426	-0.3928	-0.2868	0.1488	0.1451	0.371	0.0879	-0.0171	0.0136	-0.0926	0.429	0.2984	0.3175
PY06276	-0.5269	-0.0639	0.1716	-0.4796	-0.2323	-0.1788	0.2436	-0.0217	0.0873	-0.3297	0.1697	0.0836
PY05188	-0.2473	-0.2566	-0.6007	0.2496	0.4038	-0.1244	-0.3425	-0.2025	-0.2997	-0.161	-0.079	-0.2066
PY02094	-0.1103	0.1584	0.0648	-1.1888	-0.4376	-0.1538	-0.0401	-0.7578	-0.0898	-1.0985	-0.5894	-0.1239
PY02334	-0.0628	0.0285	0.1444	-0.1478	-0.0054	0.3004	0.3544	0.194	0.0921	-0.4396	-0.0569	-0.2817
PY00796	0.6267	0.3991	0.3926	0.5315	-0.0643	-0.032	0.0962	0.0598	0.0085	-0.0676	-0.3499	0.4705
PY03896	0.1505	-0.3878	-0.3218	0.27	0.0232	-0.0803	-0.2488	0.0661	-0.25	0.1181	0.5275	0.1465
PY01062	-0.1576	-0.0741	-0.1024	-0.0267	0.2022	0.2704	0.1685	-0.0061	-0.0474	0.1457	-0.2429	0.129
PY00667	-0.3093	-0.0718	-0.2702	-0.3257	0.0497	0.0994	0.0294	0.1079	0.0827	0.0115	-0.0649	-0.1207
PY05476	-0.027	-0.0519	0.218	0.0393	-0.0948	0.3111	0.208	0.0032	-0.0981	-0.0267	0.0522	0.8447
PY05216	-0.9791	-0.2716	0.1699	0.1901	-0.4427	-0.5041	-0.1171	0.0775	0.0911	0.2039	0.5803	0.0712
PY05640	1.3235	0.9213	1.3388	-0.071	-0.8647	-0.1845	0.7572	-0.2511	0.4496	-0.1851	-1.3057	0.5005
PY06915	-0.172	-0.0562	0.3259	0.0246	-0.0369	-0.4505	-0.3579	-0.3005	-0.2178	-0.1429	0.18	-0.078
PY00781	-0.7532	-0.2949	0.2229	-0.0322	0.188	-0.1426	0.0241	-0.2913	-0.4865	-0.168	-0.2969	-0.2172
PY02745	-0.8364	-0.3565	-0.5255	0.2056	0.0797	-0.0704	-0.2008	0.4794	-0.0017	0.4675	0.5353	-0.0289
PY02456	-1.6737	-0.0514	-0.8839	-1.0007	0.072	0.0098	0.2526	0.6036	0.2565	0.3855	0.9178	-0.2787
PY06899	0.4418	0.1956	0.1001	0.5355	0.1769	0.3005	0.0673	-0.229	-0.2327	-0.3438	-0.3282	-0.2276
PY05983	-0.4261	-0.3808	-0.1905	-0.0053	-0.1331	-0.2639	-0.0299	0.3229	0.4436	0.5862	0.2102	0.4158
PY00775	-0.3857	-0.3703	-0.4046	-0.0801	0.1961	0.1222	0.0097	-0.0063	-0.1867	0.0495	0.2751	-0.1896
PY04861	0.4376	0.0567	0.1312	1.1784	1.2511	0.5772	0.453	0.3103	0.2562	0.5249	0.8331	0.5961
PY06773	0.1255	0.1084	-0.0134	-0.3199	0.1445	0.2702	0.1049	-0.2361	-0.349	-0.4026	-0.6793	-0.0353
PY01171	-0.1934	-0.0566	-0.2658	0.7787	-0.1455	0.0461	-0.1497	0.5542	-0.3413	0.237	0.2212	-0.2622
PY06180	0.3653	0.1849	0.2082	-0.3778	0.0613	-0.3501	0.0541	-0.1	0.1589	0.0717	-0.3116	0.3328
PY00036	0.0385	0.2369	0.3525	0.665	0.2839	0.1196	0.4604	0.1387	0.3872	-0.0197	0.3431	-0.104
PY02214	-0.1482	0.4154	0.0709	-0.3005	-0.243	-0.1621	-0.0687	0.0026	0.0369	-0.002	0.2479	-0.5573
PY02409	0.25	-0.0975	-0.0754	-0.3163	-0.1678	-0.3867	-0.1419	-0.4653	-0.3442	-0.347	-0.442	0.179
PY05735	0.4158	-0.0267	-0.6242	-0.2843	-0.3217	0.1708	0.3775	0.0674	0.0815	0.1392	-0.2896	0.8223
PY04377	-0.1874	-0.0394	0.0331	-0.1467	0.0304	-0.2112	0.1132	-0.0303	0.1749	-0.0198	0.0482	-0.2686
PY02635	-0.0377	-0.0941	-0.0302	0.16	0.3048	0.5341	0.1162	0.1436	0.85	0.4871	0.4146	0.3947
PY01946	0.4194	0.1125	0.0318	-0.1953	-0.3323	0.181	0.0308	-0.2447	-0.15	-0.0215	-0.5453	-0.0036
PY01009	-0.0864	-0.3295	-0.5691	0.8774	0.6875	0.141	-0.149	-0.0972	-0.2147	0.0136	-0.2004	-0.2676
PY02366	0.9411	0.5617	0.4761	0.3176	-0.1657	0.1584	0.5352	0.0684	0.3714	0.093	-0.6386	0.3386

PY00220	0.5171	0.3584	0.2585	-0.5118	-0.5937	-0.3462	0.0411	-0.8035	-0.0945	-0.8812	0.0322	0.0027
PY03319	0.0095	0.256	0.3118	0.3506	-0.2533	0.1343	0.4444	-0.0823	-0.3247	-0.1592	-0.1514	0.5405
PY05499	0.7385	0.3727	-0.1555	-0.4458	0.1175	-0.0656	-0.2094	-0.3957	-0.4768	-0.5462	-0.1848	-1.0442
PY01206	-1.6698	-0.7737	-0.4943	-0.9453	-1.1514	-0.9651	-0.1731	-0.1247	0.3146	-0.3744	0.629	0.0623
PY03208	-0.828	-0.1674	-0.3163	-0.6236	-0.5761	0.1582	0.16	0.0988	0.266	-0.3311	-0.0692	-0.4091
PY03394	0.2426	0.1562	0.1591	0.1482	0.2101	0.4052	0.3061	0.0468	0.0317	-0.1189	-0.4003	0.0594
PY01448	0.2131	-0.06	-0.3169	-0.3064	0.2034	0.2222	-0.3175	-0.1078	-0.3412	-0.8542	-0.0553	-0.3185
PY05006	-0.3353	-0.0676	-0.1188	-0.3731	-0.3691	-0.0633	0.0172	0.1036	-0.0352	-0.4124	0.1337	-0.182
PY03823	-1.3122	-0.6694	-0.6963	-0.1431	-0.1675	0.0753	-0.0447	0.1388	-0.1952	-0.0055	0.4318	-0.0962
PY02202	-0.0806	-0.0389	-0.158	0.5501	0.6066	0.1089	0.1828	0.1817	-0.1218	0.2079	0.3988	0.2442
PY06605	-0.5153	-0.2451	0.1901	0.3514	2.2151	0.184	0.0624	0.2346	-0.0872	-0.1196	0.7347	-0.0577
PY05399	-0.6874	-0.1374	-0.0997	-0.2339	-0.4934	-0.4469	-0.3522	-0.0455	-0.0458	-0.0657	0.4196	-0.3297
PY01959	0.3283	0.388	0.5029	-0.067	0.0328	0.2606	0.4275	-0.0382	0.4935	0.0635	0.1154	0.5609
PY01474	0.6698	0.1948	0.0852	0.0182	0.1499	-0.1226	0.0379	-0.1902	-0.0187	-0.1698	-0.222	0.0594
PY06799	0.275	0.6418	1.0731	-0.4778	-0.8551	0.0279	0.5617	0.0637	0.5994	-0.489	-0.6888	0.5508
PY04544	0.0044	0.1265	0.3407	-0.3232	-0.1507	-0.11	0.3533	0.2012	0.3304	-0.5287	-0.0947	0.3775
PY01762	-0.7461	0.1915	-0.0441	-0.521	-0.4309	0.1937	0.1056	0.1042	-0.15	-0.3635	-0.0879	-0.7211
PY06533	0.7323	0.378	-0.6276	-0.481	-0.0486	0.038	-0.1238	-0.1207	-0.294	-0.345	-0.2408	-0.2344
PY04137	0.2451	0.2051	-0.3787	0.3158	-0.5732	-0.4049	-0.073	0.1845	0.1812	0.3064	-0.0137	-0.0873
PY07372	-0.4782	-0.2662	-0.338	-0.7723	-0.4462	-0.1701	-0.2327	-0.19	-0.0616	-0.4101	-0.0792	0.2129
PY05917	-0.1558	0.0124	0.1936	0.0119	-0.4325	-0.119	0.0259	-0.0691	0.1311	0.0232	-0.3286	0.1721
PY07300	0.0562	-0.1454	-0.321	-0.6449	0.1112	-0.2499	0.1334	-0.2877	-0.0467	-0.6245	-0.4197	0.1049
PY06696	0.3188	0.0775	0.0246	0.4252	0.2156	-0.1672	-0.1455	-0.123	-0.2433	-0.1988	-0.264	-0.3683
PY05592	-0.6636	0.0036	0.5506	-0.1865	0.011	0.518	0.5379	-0.0797	0.2716	-0.3436	-0.031	-0.5907
PY05269	0.162	0.0189	-0.2572	0.1903	0.1404	0.0988	-0.1153	0.1666	-0.0093	0.1557	0.1276	0.2735
PY05357	-0.8526	-0.6895	-0.787	-0.745	0.3777	0.1087	-0.0952	0.0061	-0.4663	-0.2898	0.1801	-0.2007
PY04073	0.4905	0.3174	0.2244	0.6165	0.8167	0.8022	0.2338	0.2641	0.0872	0.2123	0.9246	-0.1072
PY01240	-0.8974	0.1521	0.1584	-0.1998	-0.2708	0.0861	0.3271	0.1853	0.1433	-0.1642	0.4976	-0.0734
PY01289	0.4083	0.606	0.0682	0.2101	0.123	-0.1352	-0.1523	-0.3103	-0.219	-1.07	-0.3474	-0.0257
PY06281	-0.2907	-0.0798	-0.2917	0.4884	0.0597	0.1473	-0.0774	0.0719	-0.1387	0.3719	0.0506	-0.2538
PY02720	0.1125	0.002	-0.0498	-0.2307	0.0092	-0.0618	0.1044	-0.1228	0.1769	0.0353	0.0688	0.2065
PY01739	-0.1673	-0.1403	-0.2743	-0.2796	-0.5598	-0.1014	0.0427	-0.2297	0.103	0.1051	0.05	0.0076
PY06123	-0.3079	-0.2731	0.2219	-0.3673	-0.3934	0.0603	-0.0178	-0.0889	-0.0551	0.1975	-0.2196	0.0899
PY03483	-0.1501	-0.2345	-0.4386	-0.3865	-0.3127	-0.1928	-0.2908	-0.0905	0.0104	-0.054	0.1484	0.0111
PY00297	0.7952	0.5579	0.3029	-0.955	-0.5793	0.0176	0.3273	-0.3317	0.1769	-0.3263	-0.7837	0.48
PY02950	-0.5059	-0.4315	-0.3747	0.0852	0.1921	0.3304	0.0814	0.2982	-0.0605	0.1625	0.3996	-0.0746
PY05008	1.0869	0.7061	-0.1927	0.0254	-0.1745	0.0981	0.2951	0.3493	0.3147	0.197	-0.1199	0.4775
PY02256	-0.1251	-0.2323	-0.1686	0.745	0.755	0.0984	-0.0902	0.0751	-0.0399	0.3106	-0.1185	0.0223
PY02099	-0.0773	-0.0675	-0.016	0.1077	0.07	0.0009	-0.1697	-0.0944	-0.2335	-0.369	0.068	-0.4824
PY06924	0.0811	-0.0223	-0.2184	0.4355	0.212	0.1138	-0.2351	-0.2984	-0.3163	-0.1694	-0.7807	-0.1151
PY06861	0.0466	0.073	0.025	-0.4917	-0.1416	-0.2166	0.1839	-0.3	0.1844	-0.3967	-0.0198	0.1155
PY00944	-0.4827	-0.1041	-0.2104	-0.227	0.2614	0.1781	-0.0702	0.0872	-0.1689	-0.2508	-0.1161	-0.2059
PY00996	-0.7724	-0.387	-0.6312	-0.074	-0.7388	-0.2884	-0.3521	0.5296	0.5021	0.3057	0.2524	-0.1179
PY00970	0.5255	0.2931	-0.0838	0.0684	-0.4566	0.171	-0.1655	-0.543	-0.8441	-0.313	-0.7281	-0.2272
PY00201	-0.0745	-0.5315	-0.0135	-0.6424	0.0284	-0.1442	-0.0053	-0.2109	-0.0553	-0.2715	-0.3898	0.0847
PY05524	-0.0471	0.0986	-0.0013	-0.1945	0.1811	0.1084	0.028	-0.091	0.1395	-0.0359	0.0272	0.1026
PY05577	-0.9364	-0.0389	0.4926	-0.4795	-0.2468	-0.0976	-0.0795	0.0286	0.4141	0.3451	0.6553	-0.1339
PY06409	-0.0221	0.1873	-0.0368	-0.7434	-0.717	0.2101	-0.0253	0.4393	0.29	-0.4751	-0.3886	0.0139
PY00928	-0.1708	-0.088	0.2049	-0.5634	-0.226	-0.3615	-0.2943	-0.2838	-0.1143	-0.4983	0.1743	-0.4208
PY07293	0.1698	-0.0134	0.0162	0.0389	0.6291	0.1857	-0.1726	-0.2511	-1.1657	-0.1809	-0.0813	-0.1287
PY05736	0.0816	-0.0626	-0.5222	0.6558	0.5316	-0.1526	-0.4373	-0.485	-0.2433	-0.3142	-0.7652	-0.2446
PY02697	-0.1435	0.0092	-0.1931	-0.15	0.229	-0.0008	-0.0682	-0.1069	-0.1934	-0.0211	-0.2341	0.1038
PY02045	-0.4136	-0.0663	-0.2951	0.1636	0.3692	0.1326	-0.0881	0.1182	-0.1943	-0.0284	-0.2577	-0.1915
PY01050	-0.4414	-0.4159	-0.4568	-0.5466	0.2051	0.0712	0.0145	0.4895	0.4717	-0.4714	-0.1441	-0.2839
PY02650	0.0452	-0.0316	-0.1855	-0.0477	0.5241	0.1608	-0.1811	-0.1089	-0.2181	-0.3753	-0.0054	-0.267
PY01159	0.2919	0.1695	-0.0991	0.2249	0.3208	0.1585	-0.0143	-0.0335	0.0499	-0.1874	0.3207	0.2299
PY04274	0.7784	0.2427	-0.0305	-0.2863	-0.1975	0.1504	-0.1735	-0.1773	-0.1849	-0.1209	-0.2327	-0.1372
PY03561	0.6423	0.2212	0.5716	-0.5239	-0.2851	-0.6688	-0.5705	-0.3429	-0.0798	-0.4208	0.0436	-0.1906
PY06714	-0.8909	-0.1245	0.0508	-0.2953	-0.1159	-0.0196	0.1165	0.1892	0.1725	-0.0177	0.1772	-0.4979
PY03534	-0.4507	-0.2155	0.6082	0.1531	-0.3516	-0.1893	0.5822	0.4254	0.9373	0.3848	-0.1582	0.6986
PY04530	-0.0606	-0.2692	0.0954	0.05	0.0518	0.2303	-0.1654	0.068	-0.0542	0.2903	-0.0387	0.2525
PY01114	0.2142	0.1238	-0.0941	-0.6782	-0.0359	-0.3323	-0.4356	-0.422	-0.4116	-0.2847	0.1897	-0.2444
PY03669	0.3711	0.1641	0.075	-0.1314	-0.0574	0.2286	0.1299	-0.1848	-0.0816	-0.0321	0.0347	0.1985

PY05023	0.1033	0.7562	0.2372	-0.0123	0.0344	-0.3533	-0.0761	-0.3676	0.0015	-0.0806	-0.2855	-0.5564
PY04779	-1.3323	-0.1451	0.0801	0.5635	-0.1487	-0.4175	-0.2775	0.1557	-0.1125	-0.3999	0.5417	-0.1135
PY02768	0.2506	-0.0146	0.3157	0.1474	0.3487	-0.0816	-0.1339	-0.0772	0.0869	0.5667	-0.0704	0.2984
PY03795	-0.3554	-0.673	-0.9781	-0.7109	-0.3017	-0.0757	0.1484	0.4985	0.4034	0.5334	1.3724	0.7761
PY07243	-0.6094	0.3006	0.2479	-0.7173	-0.1988	-0.252	0.0941	0.1009	0.0994	-0.4851	0.2958	-0.4831
PY05837	0.7805	0.5672	0.668	0.4529	-0.1121	0.3535	0.3538	0.3344	0.2964	0.3248	-0.5533	0.2843
PY01390	0.0984	-0.0696	-0.1343	0.0904	0.491	-0.3488	-0.3963	-0.1697	-0.3037	0.0142	1.1033	0.0025
PY06390	-0.1899	-0.7064	-0.421	-1.1581	-0.6426	-0.422	-0.1515	0.3516	0.244	0.6315	1.2791	0.6175
PY07461	-0.0993	-0.0596	-0.034	0.5517	-0.6956	-0.1553	0.2278	0.2678	0.335	0.1891	-0.399	0.3291
PY07476	-0.2498	0.4434	-0.6119	-0.0154	0.0016	0.3945	0.0157	0.3397	-0.1266	-0.1044	0.1512	-0.9815
PY01503	-1.299	-0.3588	-0.2227	-0.677	-0.0275	-0.0944	-0.2232	0.0123	-0.1213	0.0819	0.7214	-0.3232
PY06024	0.0564	-0.3793	0.2976	-0.6838	-0.3203	0.0699	0.2653	-0.2316	0.3143	-0.3786	-0.1677	-0.1183
PY04848	-0.7924	-0.3165	-0.0222	-0.7771	-0.7502	-0.5865	-0.1919	0.1222	0.2532	-0.196	0.1155	-0.3015
PY00396	-0.4101	-0.0638	-0.2782	0.1276	0.3307	0.0203	-0.0735	0.2063	-0.1322	0.4266	0.5868	0.2481
PY05718	0.1961	-0.1571	-0.1839	0.0364	0.0499	-0.0284	-0.026	0.2653	0.4255	0.0997	0.2131	-0.4158
PY06865	-0.0071	0.025	-0.0997	0.0957	0.136	-0.1648	-0.0719	-0.0032	0.1566	0.0987	-0.0745	0.1192
PY00137	0.4564	0.236	-0.0327	0.0531	-0.0284	-0.0461	-0.0868	-0.0866	0.0174	-0.0069	-0.2958	-0.0137
PY00697	-0.1128	-0.098	-0.3029	0.1423	0.261	0.0055	0.1584	0.1732	0.0857	0.337	0.2228	-0.1159
PY06706	-0.7906	-0.0949	0.1252	-1.1445	-0.018	-0.0734	0.113	0.1698	-0.1817	-0.1331	0.3015	-0.1919
PY05016	-0.199	-0.1722	-0.2091	0.0551	0.4622	0.3999	0.206	-0.0288	0.16	0.1123	0.0299	-0.1053
PY00527	-0.0729	0.1274	0.1763	0.1174	-0.0307	0.0402	0.0833	-0.0288	0.0939	-0.1031	-0.2597	0.2198
PY06694	-0.4518	-0.1604	-0.1219	0.1204	0.5516	0.2448	0.0782	0.088	-0.1099	0.0024	-0.0904	0.0236
PY05774	0.1665	0.0746	-0.1793	-0.0293	0.2228	0.1421	0.0319	0.1075	-0.6534	0.2288	0.1615	-0.0644
PY01439	0.3853	0.3379	-0.1849	0.2739	-0.3104	0.1577	0.2741	0.0315	0.2847	-0.6036	0.4181	0.1037
PY02082	0.3842	0.4111	0.3698	0.2878	-0.2136	0.2404	0.1083	-0.047	0.1113	0.1563	-0.4158	0.0633
PY04357	0.0561	0.0023	0.2785	-0.1367	-0.0141	0.1009	0.3836	0.0218	0.3867	-0.0436	-0.0806	0.4527
PY00388	-0.4563	-0.6794	-0.3903	0.6221	0.5758	0.1487	-0.2599	0.0912	-0.1745	0.3811	0.4968	0.0875
PY03136	-0.0213	-0.2061	-0.6882	0.0172	0.2891	-0.2391	-0.2803	0.2053	0.123	0.3053	0.4109	-0.0605
PY07433	-0.2613	-0.1936	0.0326	-0.2546	-0.6106	-0.0755	-0.125	0.0643	-0.0316	0.0123	-0.3868	0.2792
PY05565	0.0603	-0.0139	0.0545	-0.1594	-0.2622	-0.1243	-0.002	-0.1025	0.1538	0.1157	0.0279	0.4782
PY05386	-0.5734	-0.4899	-0.0897	-2.3378	-0.3258	-0.1925	0.1233	0.1401	0.1669	-0.0693	0.0239	-0.2743
PY02399	-0.0629	0.3259	0.5795	0.3347	0.3898	0.66	0.3705	0.1054	-0.0522	0.1758	0.2261	0.0236
PY03300	0.1182	-0.0399	0.439	0.3412	-0.0248	-0.0813	-0.0485	0.1249	0.0767	0.2261	0.3495	0.137
PY01152	1.0024	0.5384	0.7851	-0.0101	-0.2646	-0.2183	0.1207	-0.271	-0.0086	-0.2408	-0.552	0.1781
PY00278	-0.7959	-0.4322	-0.3973	-0.1701	-0.1968	-0.1494	-0.0274	0.3424	0.2928	-0.023	0.2586	-0.6009
PY00832	-0.5497	-0.2749	-0.2494	-0.0842	-0.1934	-0.0115	0.1775	0.459	0.3064	0.1608	0.184	0.1052
PY04701	-0.0899	0.1649	-0.4493	-0.189	0.0469	0.0178	0.023	0.0148	-0.0258	0.3628	0.3624	0.2449
PY03646	-0.3791	-0.4718	-0.3554	0.2171	-0.0942	-0.1356	-0.5282	-0.0153	-0.0914	0.2334	0.4873	-0.2747
PY04870	0.0877	0.1581	0.1597	0.9556	0.0572	0.0087	0.1546	0.0959	-0.1994	0.1099	0.0247	-0.7084
PY06208	-0.6186	-0.192	-0.0155	0.0454	-0.1077	0.0316	-0.1019	-0.0561	0.0545	0.1597	-0.1242	0.0814
PY06807	0.2898	0.2906	0.0228	0.704	0.3459	-0.0004	-0.7754	-1.0798	0.1963	0.8561	0.4075	0.083
PY07339	-0.7797	0.1921	0.1272	-0.4806	-0.4833	0.0087	0.3181	0.6991	0.4277	0.058	0.7035	-0.6279
PY00821	-0.0274	-0.0764	0.0494	0.1659	0.9771	0.8743	-0.1135	0.1935	0.0687	0.2044	0.8275	0.2269
PY04114	0.4732	0.2504	0.2231	0.3437	0.0369	-0.0178	0.0682	0.1316	0.1145	0.073	-0.2529	0.141
PY03101	-0.1143	-0.2487	-0.3537	-0.1148	0.2913	-0.1703	-0.3907	-0.2118	-0.4041	0.0252	-0.2395	-0.0265
PY05882	0.2182	0.1133	0.0568	-1.7695	-0.3908	0.1474	0.3057	-0.5102	0.1502	-0.9498	-0.971	-0.1727
PY05728	-0.086	-0.1009	-0.1086	-0.1205	-0.0386	0.129	-0.046	0.0392	0.0218	0.0366	0.22	0.094
PY04052	0.1867	0.1443	0.1967	-0.0122	-0.7162	-0.2142	-0.009	-0.0306	0.2601	-0.6417	-0.8265	0.0577
PY02494	-0.2711	-0.2094	-0.062	-0.7105	0.1711	0.0892	-0.1826	-0.2039	-0.3	-0.2872	0.1115	-0.0758
PY04911	-1.1718	-0.3106	-0.0046	0.1816	0.0845	0.3922	0.0126	0.5071	0.2104	0.295	0.6334	-0.1806
PY01926	0.5496	0.0493	-0.0337	0.2312	0.4342	-0.2967	-0.1971	-0.6003	-0.1686	-0.6571	-0.3087	-0.034
PY04349	-0.0477	-0.052	-0.1481	0.2361	-0.0104	1.1084	0.2743	0.3888	0.2776	0.6516	0.2209	0.1056
PY05850	0.2614	-0.1834	0.2376	-0.0183	0.1521	0.0296	0.1435	-0.2032	-0.4883	-0.1227	-0.0396	0.3046
PY03303	0.3782	0.1743	-0.0896	-0.3269	0.2835	-0.1987	0.0688	-0.3158	-0.4893	-0.1366	-0.0738	0.1012
PY06875	0.6458	0.2784	0.2312	-0.0134	-0.4031	0.082	0.0889	0.0115	0.1742	-0.4312	-0.3118	-0.1002
PY01609	-1.394	-0.3949	-0.2229	-0.2707	-0.3811	0.0672	-0.231	0.1291	-0.1359	0.0318	0.4518	-0.1524
PY03182	-0.9311	-0.3532	-0.4246	-0.5207	-0.1317	-0.0754	-0.1928	-0.0298	0.3467	-0.2375	0.6017	-0.0533
PY00003	-0.5356	-0.4172	0.0228	-0.3402	-0.5709	-0.34	-0.1492	-0.0654	-0.59	-0.4543	-0.4371	-0.3533
PY04674	-0.7111	-0.2187	0.0554	-0.2784	0.1664	0.042	0.0321	0.0024	0.077	-0.2429	0.5472	-0.1001
PY06953	0.4988	0.2256	0.3003	0.4838	1.1782	0.3915	0.3586	-0.0202	-0.7438	0.3913	0.2149	0.4654
PY00605	0.243	0.0141	-0.1219	0.278	-0.1468	-0.1034	0.0561	-0.1228	0.0596	0.082	0.044	0.1236
PY00074	0.537	0.1682	-0.1182	0.1118	-0.3321	-0.2081	-0.1063	-0.1555	-0.0593	-0.0085	-0.174	-0.0226
PY01423	-1.4678	-0.0957	-0.0395	-0.1405	0.064	-0.3775	-0.2705	0.2529	0.2741	0.3518	1.0716	-0.3523

PY03044	-0.3285	-0.2579	-0.5247	-0.1229	-0.4007	-0.2693	-0.1343	-0.034	-0.1581	0.1502	-0.4173	-0.1249
PY03768	-0.0609	-0.0083	0.0368	0.3323	-0.1585	0.0135	0.148	0.5075	0.1015	0.1644	0.0695	0.3817
PY05973	-0.2646	-0.3216	-0.2855	-0.3177	-0.067	-0.338	-0.2617	0.0614	-0.098	-0.1069	0.0759	-0.4365
PY04991	-0.5463	0.1944	0.254	-0.425	-0.3669	-0.1547	0.1411	-0.1556	0.1672	-0.5818	-0.0301	0.0533
PY01126	-0.7618	-0.1788	-0.3776	-0.6006	-0.3884	-0.1403	0.0433	0.3597	0.1653	-0.37	0.1811	-0.4896
PY03309	0.4055	0.0002	0.1505	0.1223	-0.1625	-0.1699	-0.1803	-0.1635	0.1548	-0.394	-0.4285	-0.1798
PY00860	-1.3168	-0.2961	-0.2374	-0.0078	-0.8536	-0.8764	-0.2464	0.4968	-0.0937	0.1118	0.6011	0.0785
PY02229	-0.1497	0.0685	0.1788	0.1194	0.2749	0.1237	0.0344	-0.1157	-0.1606	0.2801	0.4326	0.0793
PY00540	0.3767	0.3418	0.6214	-0.6287	-0.6591	-0.1239	0.0279	-0.488	-0.0191	-0.5497	-0.5847	0.191
PY01895	-0.2059	-0.0117	0.2697	-0.4098	-0.3558	-0.4488	-0.0381	-0.0895	0.1016	-0.4685	0.1404	0.3257
PY02260	-0.5874	-0.0239	-0.5486	-0.7802	-0.8368	-0.0642	0.1644	0.0901	0.1228	0.2882	-0.0909	-0.1802
PY04600	0.6855	0.1294	0.2344	0.3259	-0.0767	-0.0385	-0.1665	-0.4118	-0.1691	-0.3094	-0.6298	-0.1238
PY04263	0.422	0.3343	0.2147	-1.1662	-1.0649	0.3743	0.0819	-1.1852	0.4744	-0.8767	-1.0912	0.2581
PY01098	0.3554	0.0729	0.3461	-0.0536	-0.0638	0.2296	0.255	0.1737	0.399	0.0743	-0.0758	0.3798
PY06824	0.2337	0.1104	0.2049	0.1148	-0.017	-0.0519	0.1098	0.3068	0.0213	-0.1405	-0.2269	0.1047
PY03520	-0.6495	-0.3604	0.0253	0.2951	0.5934	0.0689	-0.1672	0.2323	0.3238	0.6662	0.3082	0.1535
PY05132	-0.3634	-0.1769	-0.0484	0.2283	0.3171	-0.2753	-0.0293	0.2356	-0.3667	0.6198	0.5173	0.1411
PY06857	0.6805	0.0206	-0.0543	0.8061	0.0413	0.018	-0.0613	-0.1251	-0.1358	-0.3939	-0.3575	-0.1869
PY00858	0.6233	-0.0032	-0.4473	1.035	0.2987	0.1457	0.1323	-0.0425	0.0149	0.165	-0.2189	0.2661
PY01576	-0.1879	0.1867	0.4885	-0.0318	-0.5048	-0.4274	-0.0681	-0.1272	0.0508	-0.3546	-0.3151	-0.376
PY06140	-0.8273	-0.3318	-0.4714	-0.8746	-0.6227	-0.3674	0.0147	0.0818	-0.0977	-0.079	0.5075	0.3971
PY07428	0.9548	0.3433	0.2979	0.186	-0.1787	-0.0556	0.334	0.0166	0.3979	0.3843	-0.4566	0.5505
PY00758	-0.0151	-0.0971	0.2091	0.4359	0.0264	0.2729	0.3659	0.2152	0.3689	-0.1619	-0.1053	0.1648
PY03036	-0.6254	-0.1349	-0.0445	-0.32	-0.3302	-0.0927	-0.1202	-0.0018	-0.1754	-0.1674	0.3448	-0.2099
PY00588	0.9858	0.5717	0.7316	-0.0066	-0.2698	0.4135	0.659	0.0343	0.3684	-0.3761	-1.1588	0.2688
PY06734	0.208	0.2263	0.0686	0.3635	0.0686	-0.1354	-0.0347	0.1558	-0.0283	0.1785	0.0528	-0.0093
PY06679	-0.5149	0.0882	0.4291	0.7795	0.2163	-0.1575	-0.1693	-0.039	-0.0619	0.0574	0.3889	0.1367
PY07304	0.6572	-0.0111	0.0465	-0.1329	-0.1492	-0.4064	-0.7903	-0.3654	0.1066	0.1295	-0.0317	0.278
PY00897	-0.4723	-0.3187	-0.4215	0.0785	-0.129	-0.306	-0.2162	0.1353	-0.0658	0.1351	0.5613	-0.2615
PY01146	0.9422	0.2507	1.0272	0.9403	0.0345	0.0165	0.5182	0.2345	0.6188	-0.2961	0.0534	0.4659
PY02860	0.2716	0.3692	0.4588	-0.5449	-0.2485	0.248	0.3523	-0.3442	0.0507	-0.3429	-0.4253	0.199
PY06524	0.1275	0.2009	0.4114	0.0532	-0.1225	0.0172	-0.0124	0.1475	0.071	-0.7411	-0.0597	0.594
PY01460	0.591	0.1371	0.4148	-0.5977	-0.5737	-0.0855	0.584	-0.0418	0.8038	-0.0283	-0.0607	1.136
PY04883	-0.8022	-0.1025	-0.4442	-0.7381	-0.5582	-0.3262	-0.1556	0.1231	0.4046	-0.1379	0.1539	-0.3854
PY01088	-1.6454	-0.6321	-0.5332	-1.4766	-1.3619	0.0333	0.2926	0.872	0.5125	-0.0208	-0.0629	0.0484
PY02893	0.0873	-0.1438	0.1471	-0.0103	0.343	0.1793	0.0667	-0.1825	-0.2782	-0.0192	-0.2335	0.152
PY02717	-0.2394	-0.1139	0.051	1.1384	-0.0705	0.0121	-0.2638	0.4441	-0.2349	0.499	0.1265	-0.1729
PY03252	0.0969	0.1507	0.0595	0.2786	0.2117	0.1572	0.0597	-0.0831	0.1531	0.0926	0.2645	-0.0467
PY03278	-0.2926	-0.1524	0.1247	0.0371	0.8168	0.195	0.1714	0.0291	-0.2779	0.2446	-0.2068	-0.1721
PY00047	0.033	-0.0113	-0.1419	-0.5651	-0.0483	0.0307	0.0737	0.0978	-0.1585	-0.2324	0.0022	-0.2745
PY01805	-0.7928	-0.5522	-0.4545	1.144	-0.3245	-0.0123	0.1156	0.234	0.1949	0.5211	0.7454	0.2595
PY01797	-0.1943	-0.2882	-0.3856	0.0676	0.0245	-0.0441	-0.1471	-0.0266	-0.2422	-0.0861	0.2517	-0.1283
PY05942	0.3126	0.0778	-0.1117	-0.0052	0.2593	0.1527	0.065	0.0508	-0.0667	-0.0639	0.0627	-0.1271
PY05259	0.2451	0.3339	0.3128	0.0093	-0.3158	0.1444	0.5375	-0.0033	0.3825	-0.2822	-0.2275	0.2618
PY04228	0.052	0.3666	0.576	-0.0975	-0.4605	-0.4118	-0.1906	-0.3012	-0.1054	-0.3963	0.0454	-0.2601
PY01916	0.2801	-0.088	-0.2998	-0.2146	0.0595	-0.0083	-0.0772	-0.1593	-0.2032	-0.5934	-0.332	0.1035
PY07826	0.1677	0.1974	0.1642	0.1248	0.2641	0.0874	0.044	-0.034	0.3377	0.0435	0.2258	0.3289
PY04854	-0.2088	-0.2038	-0.0639	-0.5509	-0.1103	0.1087	0.3151	0.055	-0.2475	-0.2502	-0.243	0.2577
PY05935	0.1631	0.1778	0.3232	0.2092	-0.6934	0.3998	0.1212	-0.1164	-0.0589	-0.4413	-0.2482	-0.2964
PY06107	-1.321	-0.4037	-0.3041	-0.4997	0.0668	-0.1268	-0.2118	0	-0.1952	-0.2236	-0.1029	-0.3254
PY04958	-0.2802	-0.3158	-0.0722	-0.2184	0.0289	-0.0212	0.0825	-0.0343	-0.9747	-0.3293	-0.0851	0.2189
PY03689	0.6791	-0.1714	0.704	0.1941	0.2119	0.1833	0.4171	0.222	-0.0396	0.4333	-0.0849	0.3585
PY06652	-0.6348	0.0346	0.2066	-0.1183	0.0719	0.1925	0.0507	0.0724	-0.072	-0.3048	-0.2659	-0.7252
PY06495	0.8394	0.6667	0.7032	0.6954	-0.482	0.1375	0.2832	-0.2033	-0.021	-0.3118	-0.7591	0.0111
PY04264	0.1338	-0.1833	-0.0856	-0.651	-0.3457	0.0187	0.2981	-0.2602	-0.0565	-0.0982	-0.1415	0.4196
PY00474	-0.0932	0.1504	0.126	-0.9688	-0.6201	-0.1101	-0.0308	-0.3209	0.1969	-0.6427	-0.4225	0.2401
PY06479	-0.2353	-0.071	0.326	0.5635	0.7055	0.1477	0.3073	0.1612	0.1607	0.1701	0.4353	0.1655
PY02797	-0.9971	-0.5141	-0.1239	-0.1548	-0.5439	-0.2346	-0.1643	0.2209	0.4182	-0.0043	0.5361	-0.1959
PY03357	0.3473	0.2376	0.1551	0.0288	-0.3491	0.1837	0.3242	0.2528	0.1918	0.3073	-0.7273	0.8157
PY02484	-0.2836	-0.1562	-0.2282	0.8365	0.3705	-0.0648	-0.2667	-0.0366	-0.1857	0.0368	0.1389	-0.1581
PY02220	0.0285	-0.3434	-0.3448	-0.1282	0.1346	-0.2932	-0.2848	-0.2659	-0.1518	0.0606	-0.1373	0.0902
PY00402	-0.3622	-0.084	-0.3354	-0.1303	0.229	-0.0808	0.0009	0.1079	-0.153	0.3769	0.0726	-0.0329
PY00347	-0.3847	-0.4745	-0.5223	-0.1765	0.3999	-0.1034	-0.1366	-0.0136	-0.3176	0.1251	0.5494	0.0892

PY00410	0.6829	0.4182	0.3479	0.2906	0.1278	0.0837	0.2776	0.0664	-0.0675	-0.0638	-0.471	-0.0998
PY05450	0.4395	0.0027	0.025	-0.5865	0.0874	-0.0508	-0.043	-0.2833	-0.4415	-0.1969	-0.0082	0.0111
PY05970	-0.2046	0.09	0.3551	0.1274	-0.0996	-0.3029	0.0462	-0.052	-0.027	0.2309	0.541	0.0778
PY03903	-0.3959	-0.3059	-0.3123	-0.0873	1.169	-0.0321	-0.1603	0.0071	-0.3702	0.0938	-0.1376	-0.0218
PY04614	0.1361	0.2131	0.3664	0.5621	-0.0165	0.1043	0.0191	0.1607	0.0719	0.2269	-0.1958	0.213
PY02611	-1.5235	-0.3939	-0.5861	0.0048	-0.938	-0.2966	0.1036	0.3424	0.4322	0.7685	0.2781	0.0654
PY00272	-0.6874	-0.4153	-0.3994	-0.2109	-0.3286	-0.0856	0.1169	0.3769	0.0471	-0.0805	0.4138	-0.3037
PY00118	-0.9842	-0.0989	-0.1109	0.3348	-0.5147	0.1004	-0.0575	0.4181	-0.0218	0.1481	0.1465	-0.3782
PY02155	-0.3928	-0.2996	-0.381	0.2613	0.2323	-0.2486	-0.488	0.0089	0.1992	0.2924	0.3303	0.2863
PY03292	0.5861	0.1671	-0.1625	-0.1648	0.0732	0.1203	-0.1125	-0.3825	-0.4469	-0.2485	-0.2229	0.0205
PY05964	-0.1044	-0.0878	-0.3279	0.4618	0.151	-0.0318	-0.0914	-0.0922	0.0474	0.3984	0.4346	0.5111
PY00722	-0.449	-0.1173	-0.1065	-0.15	-0.038	-0.3941	-0.0255	-0.1433	0.1688	0.0097	0.3992	0.3988
PY04945	0.8657	0.2305	0.6139	0.583	0.1631	0.2195	0.1047	-0.0797	-0.2857	-0.5801	-0.5435	-0.3099
PY04093	0.2136	-0.044	0.0804	1.5868	1.0503	0.7098	-0.2288	0.3995	-0.438	0.8198	0.3962	-0.4456
PY03876	0.1873	0.0938	-0.0777	0.2304	0.0125	0.1922	0.081	0.5182	0.1856	-0.2423	0.5112	-0.209
PY02129	0.0621	0.0145	0.0358	0.2063	0.4222	-0.3199	-0.3418	-0.0659	-0.4325	-0.0025	0.1973	0.0511
PY00702	0.7008	0.4144	0.6108	-0.2282	-0.2455	0.1419	0.5101	0.0167	0.2529	-0.4585	-0.182	0.3304
PY07218	-1.2581	-0.7069	-0.8383	-0.8644	0.0543	0.4302	0.1783	0.3338	-0.146	-0.0432	0.2735	-0.0483
PY03287	-0.3269	-0.2465	0.3105	-0.539	-1.021	-0.0244	-0.0424	-0.2072	-0.1488	-0.4506	-0.7509	-0.4902
PY07634	-0.1636	-0.0612	0.0783	0.2901	0.2397	0.5143	0.1817	0.2472	0.1422	0.2675	0.2538	0.1137
PY01955	-1.4004	-0.8025	-0.5596	-0.0491	0.115	0.1541	0.2133	0.3056	0.4138	0.1314	0.2197	-0.5286
PY01747	-1.2843	-0.6424	-0.8559	-0.5134	-0.3615	0.2838	-0.0485	0.5968	-0.1991	0.4818	0.3213	-0.3346
PY01974	-0.3489	-0.2867	-0.3348	-0.1713	-0.3314	-0.1196	0.1067	-0.0064	-0.3693	-0.08	-0.5281	-0.5626
PY01954	-0.1487	0.7112	0.3292	0.0276	-0.2442	-0.0465	0.8062	0.0568	-0.0752	0.2548	0.0652	0.6745
PY00369	0.2306	0.3692	0.4371	0.2516	-0.5502	-0.1922	-0.3705	-0.1406	-0.0295	0.1612	-0.1767	-0.2538
PY03026	0.516	0.6183	0.8804	0.0414	-0.1423	-0.187	0.258	-0.1625	0.182	0.2414	-0.3666	0.4129
PY01585	-0.804	-0.5535	-0.5669	0.1568	-0.2657	-0.0924	-0.064	0.4002	0.3165	0.3793	0.8094	0.2386
PY05200	0.6195	0.3607	0.4795	0.5791	0.1414	-0.2194	-0.1352	-0.4518	-0.5678	-0.4458	-0.5646	-0.0635
PY05039	-0.3487	0.0211	0.1251	-0.0357	-0.4013	0.1301	0.252	0.2466	0.2867	-0.3115	-0.2658	0.0508
PY00825	0.3081	-0.0044	-0.0647	-0.0905	-0.367	-0.4192	-0.2313	-0.1076	-0.1791	-0.2051	-0.004	-0.0371
PY02402	0.8767	0.5705	-0.7613	-0.5024	0.0272	-0.2886	-0.0557	-0.2886	-0.2416	-0.0614	-0.0089	0.2359
PY00898	0.4647	-0.0413	0.1201	0.3109	0.505	0.1847	-0.0894	-0.4469	-0.5219	-0.3263	-0.433	-0.1547
PY07180	-0.1904	0.089	0.4595	0.0606	-0.5363	0.2123	0.5979	0.1474	0.7772	0.3098	-0.2525	0.7339
PY01070	0.6315	0.2401	0.451	0.3267	-0.0314	-0.0687	-0.0611	-0.2685	0.0555	0.0529	-0.3787	0.3923
PY00412	0.9248	0.2497	0.0714	0.4768	0.1071	0.0565	0.0381	-0.3747	-0.0021	-0.8312	-0.2214	0.0369
PY03400	0.2232	-0.1196	0.1566	0.987	0.3107	-0.2449	-0.7497	0.2211	0.2156	0.7307	0.3026	0.2516
PY07389	0.3562	0.044	0.028	-0.3584	0.0222	-0.1029	-0.0782	-0.4359	-0.1191	-0.4864	-0.3962	0.1407
PY00963	-1.1052	-0.2321	0.2913	-0.5724	0.0943	0.0423	-0.0764	-0.0726	-0.1612	-0.1901	0.2582	-0.3735
PY02937	-0.5462	-0.5224	-0.1443	0.1713	0.0665	-0.2429	-0.2352	-0.1341	-0.0501	-0.0632	0.3495	0.0149
PY04385	0.3445	0.3346	0.8675	-0.146	0.0865	-0.148	0.3044	-0.0413	0.405	0.1925	0.1284	0.4332
PY03226	0.5587	-0.0611	0.1052	0.2065	0.1917	-0.2128	0.1222	0.1335	-0.255	0.0487	0.0034	0.3925
PY03129	-0.223	-0.3904	-0.2112	-0.7247	-0.2688	-0.2457	-0.4381	-0.0049	-0.0118	-0.0461	0.1482	-0.4318
PY03235	0.0309	0.2553	0.2864	-0.2857	-0.1621	0.2784	0.5252	0.1806	0.6177	0.064	-0.0162	0.4694
PY04036	-0.7979	-0.1111	-0.396	0.2244	-0.1123	0.1393	0.1373	0.63	0.5619	0.1824	0.7903	-0.0675
PY05070	0.5255	-0.2449	0.1006	0.0351	0.168	0.2043	-0.1614	-0.2105	-0.3934	-1.1645	-0.3899	-0.3843
PY06254	-0.2749	-0.5273	-0.2158	-0.4559	0.0993	0.2073	0.3685	0.2348	0.4585	0.0405	0.1841	-0.3438
PY03983	0.0335	-0.0666	-0.1175	-0.3184	0.2904	-0.0189	0.2722	-0.2567	-0.8115	-0.2816	0.0559	0.0465
PY01561	0.6044	0.2133	-0.1961	0.8114	0.4621	-0.0075	-0.2694	-0.0935	-0.0716	0.312	-0.3071	-0.1983
PY00717	-1.0544	-0.6071	-0.0324	3.1733	-0.2137	-0.1542	-0.0603	0.5398	-0.388	0.4453	0.4014	-0.1951
PY03683	-0.3183	0.1499	0.0336	0.0404	0.3878	-0.169	0.0162	-0.1126	-0.2261	-0.2123	0.127	-0.2219
PY00472	-0.9169	-0.7715	-0.3862	0.3446	-0.4345	-0.3078	-0.2896	0.2836	0.0738	-0.1209	0.1827	-0.4222
PY02756	0.5549	0.0846	0.2253	0.1864	0.4523	-0.0381	-0.0192	0.0122	0.1042	-0.129	-0.1075	0.2101
PY06075	-0.3231	-0.1498	0.2827	0.5138	0.1381	-0.1578	-0.0546	0.2439	0.2139	0.0468	0.633	-0.0208
PY07429	1.1628	0.7984	0.9409	0.3416	-0.3128	-0.1627	0.4297	-0.0772	0.5163	0.0828	-0.1309	0.9194
PY05233	-0.3435	0.0401	0.1621	-0.8803	-0.6495	-0.2353	-0.2962	-0.2497	-0.0647	-0.7844	-0.2005	-0.267
PY00249	-0.5747	-0.0477	-0.486	-0.2064	0.1163	0.0982	0.1598	-0.1921	-0.0605	-0.3128	-0.135	0.0321
PY05962	-0.4944	-0.2326	-0.4526	-0.4447	0.0804	0.5728	-0.0788	0.4814	0.1329	0.2047	0.2265	-0.1613
PY00985	0.3569	0.2269	0.1488	-0.1766	-0.2456	-0.0305	0.1562	-0.2877	0.0864	0.1208	-0.2702	0.4636
PY05778	0.9443	0.616	0.4013	0.2816	-0.2708	-0.1616	0.076	-0.3652	-0.1851	-0.4762	-0.7325	-0.2513
PY03377	-0.0823	0.5568	0.0604	0.26	0.3771	0.0128	-0.044	0.0314	-0.0411	0.1466	0.3535	0.0426
PY03343	0.3007	-0.4675	0.0874	0.2249	0.5876	-0.146	-0.1296	0.0694	-0.0734	0.3017	0.0495	0.1606
PY06375	0.1081	0.0992	0.1521	0.7034	0.4338	0.3667	-0.1495	0.335	0.0674	0.5765	0.6584	-0.0445
PY06588	0.1892	-0.0076	0.1578	0.3199	0.2032	0.3252	0.3487	0.1675	-0.19	-0.0578	-0.1906	-0.1046

PY04894	0.3296	0.462	0.432	0.2956	0.0198	0.5162	0.4584	-0.3448	0.1506	0.0036	-0.3262	0.2158
PY01413	0.2177	0.1004	0.3857	-0.1816	0.1098	0.0163	0.1121	0.3331	0.1681	0.2169	0.8128	0.0884
PY05355	-0.1859	0.7793	2.0769	-0.2679	-0.9332	-0.3507	-0.1006	-0.5706	0.0556	-0.3005	-1.3388	-0.0102
PY00528	0.4773	0.3394	-0.0154	-0.3742	0.0493	-0.1786	-0.0349	-0.3189	-0.1032	-0.5274	-0.0898	-0.3594
PY06927	0.029	0.2672	0.0893	0.4028	0.0512	0.1457	0.17	0.383	0.1086	-0.0311	0.0332	-0.2825
PY01225	-0.0393	-0.0009	0.2622	-0.1274	0.0888	0.2115	0.3577	-0.0647	0.123	-0.1202	-0.2004	0.1498
PY00501	0.1	0.3414	0.3763	-0.091	-0.2304	0.2444	0.655	-0.1628	0.5599	-0.4199	-0.389	0.473
PY03702	-0.003	-0.2648	-0.239	-0.8068	-0.2242	0.1039	0.2668	0.1245	0.3864	-0.2806	-0.1726	0.2569
PY00139	-0.6131	0.0062	0.0657	-0.5048	-0.286	-0.3572	0.0229	0.0212	0.1832	0.3517	0.2991	-0.1997
PY04971	-0.4305	-0.4778	-0.1212	0.1976	0.285	-0.138	0.0352	-0.0605	-0.1946	0.2385	0.1332	-0.1071
PY06632	0.6559	0.0755	0.1104	-0.0326	-0.1759	-0.1163	0.1151	0.0674	0.287	0.5401	0.0513	0.3491
PY03532	-0.5202	-0.1121	-0.071	-0.2217	-0.1733	-0.0979	-0.0248	-0.0824	-0.1701	-0.2105	0.0098	-0.2665
PY02696	-0.8262	-0.2644	-0.1606	-0.2843	-0.2052	0.0928	-0.1639	0.1553	0.0291	-0.115	-0.0138	-0.4542
PY07151	0.4827	0.1738	0.1599	-0.2593	-0.2398	-0.2276	-0.1745	-0.1213	0.1438	0.5245	0.0892	-0.2025
PY00067	-0.5237	-0.1301	-0.4074	0.2102	-0.0076	0.2702	-0.1676	-0.1492	-0.3681	-0.2366	-0.3506	-0.4443
PY07232	-0.8501	-0.1969	-0.3288	-0.2077	-0.1022	-0.0824	0.1231	0.0566	0.0757	-0.0119	0.0874	-0.0721
PY02497	-0.3605	-0.1893	-0.2633	0.1787	0.4703	-0.0441	-0.1503	0.0051	-0.0637	0.0495	0.4482	0.0036
PY01178	-0.0144	0.0385	0.0894	1.0372	0.3455	-0.2166	-0.0102	-0.2164	0.0227	0.5037	0.4808	-0.0751
PY03419	-0.3929	-0.0835	-0.0398	0.471	0.7643	0.7723	0.0883	0.5449	0.0835	0.3334	0.5422	-0.24
PY00767	-0.5057	0.0168	0.1616	-0.3735	-0.1742	-0.0708	-0.0388	-0.0368	-0.0944	0.4897	0.3749	-0.2092
PY01271	0.0191	-0.098	-0.2245	0.0129	0.5838	0.1059	0.0463	-0.0822	-0.2664	0.0738	-0.0469	0.0216
PY06452	-0.9051	-0.3344	-0.0759	-0.3964	0.3496	-0.1757	-0.1129	-0.0794	-0.1293	0.1188	0.5766	-0.1922
PY01828	-0.9672	-0.4698	-0.1514	0.1665	0.1339	0.1057	0.0365	0.0724	-0.1236	-0.15	0.033	-0.0762
PY05067	0.3165	-0.1096	-0.1654	-0.1286	0.1014	-0.0925	-0.0256	-0.2232	-0.545	0.011	-0.2995	-0.8282
PY06220	0.7231	0.4395	-0.0831	0.3113	0.0827	-0.2391	-0.1287	-0.019	0.0033	-0.3907	-0.2217	-0.3553
PY01058	0.0059	-0.0389	0.7636	-0.0688	-0.3626	-0.125	0.1982	-0.309	-0.2191	-1.609	-0.5792	-0.4061
PY01991	-0.2407	-0.1821	-0.0135	0.5226	0.0213	0.151	0.0738	0.3136	0.1308	0.7073	0.5866	0.0562
PY06952	0.4767	0.082	-0.5164	0.409	-0.0195	-0.2016	-0.2281	-0.1795	-1.1233	-0.393	-0.508	-0.0352
PY07488	-0.2057	-0.113	-0.1339	0.2354	-1.4203	0.0421	-0.1367	0.1856	0.1104	0.3329	0.1198	0.3769
PY05613	0.5505	0.3994	0.48	0.0471	-0.0427	0.0951	0.0839	-0.0492	-0.096	-0.0411	-0.1358	0.021
PY06637	-1.5677	-0.1272	0.2533	-1.0611	-0.8326	-0.7332	-0.4674	0.0848	0.2365	0.2151	0.8426	-0.2774
PY01969	-0.2117	0.0018	0.0234	-0.1754	-0.2045	0.5395	0.149	0.0293	-0.2169	-0.4481	-0.6303	-0.5006
PY06504	0.8022	0.2169	0.0306	0.1976	0.2087	0.0061	-0.2433	-0.4641	-0.2721	-0.1387	-0.7069	0.0132
PY02239	-1.1352	-0.174	-0.03	-0.3804	0.0485	0.2131	0.2848	0.246	0.184	-0.0377	0.4297	-0.1558
PY00449	-0.0014	0.2756	0.4839	0.3062	-0.1378	0.2525	0.5746	0.4389	0.3787	0.1535	0.1901	-0.0627
PY04535	0.1191	0.0174	0.446	0.1975	-0.1135	0.0749	0.0978	-0.0036	-0.2221	-0.0199	-0.3706	-0.3974
PY06896	0.32	0.3498	-0.4648	-0.4081	-0.1494	-0.4347	-0.4103	-0.243	-0.1477	-0.4279	-0.0434	-0.5461
PY00325	-0.7751	-0.7779	-0.4971	0.3656	0.1745	0.0529	-0.2527	0.259	-1.0856	0.3533	0.0166	-0.3093
PY04122	-0.1818	-0.2193	-1.3698	-0.3226	0.3458	-0.2435	-0.2747	-0.0582	-0.2574	-0.0323	-0.0116	-0.185
PY03250	-0.3031	-0.0699	-0.3304	0.0919	0.1381	0.446	-0.086	0.0732	0.1793	-0.297	0.04	-0.2465
PY01525	-0.7057	-0.1418	0.1619	-0.3477	0.0671	-0.3392	-0.1685	-0.4228	0.0775	-0.2074	0.1465	0.0119
PY01261	-1.1681	-0.4546	-0.149	-0.628	0.0796	0.1835	-0.054	0.3528	0.0623	-0.2607	0.4933	-0.5423
PY05620	0.5948	0.1723	0.3377	-0.1887	-0.2105	0.047	0.0547	-0.1974	0.1902	0.0021	-0.3459	0.2393
PY01158	0.3475	-0.013	0.2574	0.1533	-0.1533	-0.0528	0.0442	-0.2014	0.0289	-0.3519	-0.429	0.1057
PY00350	0.3131	0.1719	-0.0213	-0.3363	-0.1878	0.0726	-0.0826	-0.1595	-0.0381	-0.1692	-0.1641	-0.3267
PY06839	-0.3191	-0.1947	-0.2822	0.0876	0.5255	-0.0855	-0.4421	0.0894	0.0935	0.1415	0.2179	-0.115
PY04546	1.33	0.5725	0.8277	0.5877	-0.5164	-0.1385	0.1932	-0.4104	0.068	-0.2266	-0.8135	0.1984
PY03370	0.3482	0.3022	0.2597	0.2083	0.0044	0.1788	0.2125	-0.0173	0.2254	0.1324	-0.1794	0.0739
PY02161	0.1307	0.3432	0.5075	-0.485	-0.6957	0.3557	1.0246	0.4558	0.6499	0.0954	0.1716	0.4352
PY06299	0.5806	0.5447	0.39	-0.4716	-0.6034	0.1478	0.0477	-0.2238	-0.0427	-0.4807	-0.7071	-0.1945
PY01539	-0.6538	-0.1766	-0.7409	-0.6591	-0.2399	-0.3622	-0.2669	0.3017	-0.0786	0.3394	0.5394	0.1983
PY01010	-0.3817	-0.4251	-0.1909	-0.2154	0.2498	0.3578	0.1686	-0.0151	-0.0886	-0.2559	-0.1133	-0.0298
PY01827	-0.4704	-0.0867	0.1296	0.1394	0.2796	0.3089	-0.0104	-0.3756	0.0674	0.085	0.4734	-0.084
PY07543	-0.2511	0.2039	-0.2532	-0.1957	0.0953	-0.0708	-0.182	0.128	-0.0892	-0.1566	0.0738	-0.2953
PY05503	0.3904	0.1463	0.224	-0.2086	0.0127	0.0323	-0.1116	-0.1078	-0.0362	0.0454	-0.3546	0.1635
PY07055	-0.173	-0.1199	-0.2341	0.587	0.0195	0.3225	0.0933	-0.0959	-0.0376	-1.8035	-0.1904	0.0398
PY01113	0.004	0.3256	0.6526	-0.3291	-0.2211	-0.2612	-0.271	-0.0978	0.0324	-0.0555	0.1602	-0.4365
PY00160	0.5322	0.76	0.6469	-0.2587	-0.659	0.0994	0.2561	0.0789	0.5454	-0.0842	-0.1501	0.2273
PY05305	-0.5556	0.0544	0.2471	-0.4782	-0.0336	-0.124	-0.0427	0.051	0.1348	0.0554	0.0863	0.063
PY03578	1.1733	0.5601	0.814	-0.1574	-0.727	-0.2183	0.4911	-0.3066	0.4259	-0.5665	-1.2036	0.492
PY01918	-0.963	-0.4733	-0.4479	0.0132	0.0141	0.2519	0.2485	0.7743	0.1773	0.5256	0.537	-0.7644
PY01249	0.4497	0.2071	-0.1713	0.2732	0.0637	0.3336	0.0434	-0.1394	-0.1153	-0.3438	-0.1054	-0.2071
PY02983	-0.3417	0.1855	0.0539	-0.2739	-0.0513	-0.0919	0.1983	0.0199	0.2263	-0.129	0.2835	-0.2746

PY02072	0.3232	-0.0636	-0.049	-0.4042	0.2744	-0.4276	-0.6142	-0.3596	-0.4842	-0.4144	-0.1432	0.0354
PY02356	-0.5747	-0.6492	-0.4976	-1.1774	0.1904	0.0309	-0.052	-0.1551	0.1701	-0.3045	0.3504	-0.0794
PY02583	0.558	0.3886	0.358	0.2786	0.2076	0.2786	0.293	0.2543	0.1025	0.3081	-0.092	0.344
PY00967	0.5312	0.2171	0.1064	0.2427	0.258	-0.1216	-0.0702	-0.3272	-0.1967	-0.1847	-0.192	0.1252
PY05331	-0.5084	0.1283	0.1881	0.469	0.5122	0.2936	-0.08	0.0427	0.1227	0.5397	-0.1241	-0.3125
PY02023	0.0737	0.0625	0.1474	-0.698	-0.0901	-0.1103	-0.1039	-0.0673	-0.0196	-0.7279	0.0044	-0.1891
PY04519	0.2981	0.1528	0.0319	-0.4679	0.0101	-0.3158	0.0473	-0.1651	-0.0039	-0.2658	-0.1245	0.1829
PY03079	-0.8641	-0.1056	0.1054	-0.5766	-0.1501	-0.1795	0.0394	0.3516	0.4785	0.1034	0.0974	0.437
PY01256	-0.2317	-0.2895	-0.0375	0.5627	0.8446	-0.0145	-0.2357	0.2327	0.1592	0.3797	0.5422	-0.0169
PY02878	-0.5663	-0.1115	-0.0004	-0.5492	-0.6223	-0.4977	-0.2907	-0.091	-0.3835	0.0327	-0.0263	0.2042
PY01090	-0.7469	0.2536	0.5706	-0.0109	-0.5917	-0.2692	-0.0784	-0.0065	0.2629	-0.6705	-0.0897	-0.6769
PY04408	0.388	-0.1914	0.2647	0.5387	0.0325	0.0347	-0.307	-0.0416	0.0392	-0.1288	-0.4532	-0.7213
PY04642	0.2523	-0.1304	-0.4504	0.1749	-0.0895	-0.1016	-0.234	-0.0537	-0.2085	0.1306	-0.1365	0.0983
PY04382	0.3188	0.0872	0.1147	0.3161	-0.2245	0.102	0.1515	-0.0012	0.0649	-0.3078	-0.6319	0.2388
PY03297	0.2878	0.1058	0.6305	-0.0104	-0.1076	0.1281	0.2145	0.0476	0.2948	-0.2492	-0.3558	0.1613
PY03845	-0.6878	-0.3303	-0.4339	-0.44	-0.59	-0.2706	0.4569	0.0758	0.4841	-0.0315	0.3098	0.6307
PY01197	-0.5421	-0.0257	0.385	0.4419	-0.2369	-0.4473	-0.1078	0.2047	0.3535	-0.0051	-0.0607	0.0572
PY02656	0.0082	0.2071	-0.021	-0.4607	-0.3657	0.0353	0.1987	0.0871	0.1626	-0.6914	-0.2247	0.2378
PY03384	-0.7624	-0.1234	-0.2441	0.1231	-0.0536	-0.2493	-0.1945	0.0732	0.0217	0.0191	0.281	-0.0106
PY00687	0.2775	0.0003	-0.2881	0.9697	0.1311	0.0445	-0.3084	0.0609	-0.1794	0.5774	0.1454	-0.1334
PY05297	-0.1084	0.1269	-0.1867	-0.0229	-0.3391	0.0235	0.088	0.3554	0.2579	0.108	0.287	-0.2375
PY07022	0.1884	0.103	0.1777	-0.3074	-0.002	-0.1522	0.2528	-0.1621	-0.0396	-0.5431	-0.2269	-0.0484
PY05340	-0.5409	-0.2889	-0.6165	0.5364	0.0166	-0.2449	-0.1532	0.4427	0.3288	0.7157	0.7482	0.5662
PY00228	-0.5639	-1.1663	-0.9219	-0.6462	-0.136	-0.1476	-0.1357	0.0217	-0.7485	-0.1779	0.0579	-1.3442
PY06779	-0.4299	0.1365	0.0661	-0.7253	-0.5835	-0.3746	-0.2106	-0.1247	0.1702	-0.1116	0.2264	-0.0629
PY01799	0.3947	0.0745	-0.2007	0.5913	-0.049	-0.0857	0.1558	0.2495	0.1334	0.8159	0.1348	0.9407
PY01087	-0.4118	0.1064	0.221	-0.0317	-0.5262	0.4997	0.6545	0.2077	0.5094	0.131	-0.2002	0.3523
PY05745	0.0709	0.0289	0.0573	0.3016	0.1032	0.1489	0.0101	0.1087	0.2391	0.3556	0.0404	0.4505
PY03673	-0.2884	0.1209	0.1904	0.1408	0.2251	0.0618	-0.1224	0.023	0.0325	-0.358	-0.0604	-0.1098
PY00720	0.1007	0.3866	0.0156	-1.1583	0.3213	-0.0673	0.0473	-0.2502	0.187	-0.3666	0.0624	-0.1928
PY02894	0.0709	-0.05	-0.4484	0.2134	0.0564	0.0082	0.0569	0.2222	0.2825	0.2655	0.2336	0.4461
PY00193	0.2694	0.1135	0.0521	-0.3553	-0.0603	-0.3092	0.0231	-0.4149	0.0758	-0.0223	-0.0768	0.3337
PY04029	0.2538	-0.0308	-0.1542	0.0458	0.2766	0.2119	-0.0994	-0.5231	-0.1372	-0.2128	-0.3811	-0.3334
PY03018	0.2965	0.1406	0.1946	0.9739	0.3947	-0.1428	0.0736	-0.9985	0.1622	0.7313	0.0341	0.0832
PY01568	0.5258	0.0153	-0.9015	-0.7303	-0.5166	-0.5541	-0.1563	0.1745	0.0772	0.0628	0.5971	-0.2384
PY03815	0.0584	0.0841	-0.1779	0.4875	0.2891	-0.1183	-0.0292	0.3083	-0.0712	-0.0814	0.5462	0.1182
PY02820	-0.5257	-0.1374	-0.415	-0.5906	-0.056	-0.1001	-0.0116	-0.0168	0.3282	-0.3089	-0.0975	0.0299
PY03736	-0.3046	-0.0005	-0.0466	-0.1796	-0.1003	0.2103	0.1583	0.1607	0.236	-0.3227	-0.01	-0.1727
PY05856	-0.8909	0.3134	0.6268	-0.1291	-0.5197	0.0678	0.3179	0.413	0.34	0.2481	0.5455	0.0895
PY07067	0.0567	-0.1627	-0.2153	0.2323	0.2137	0.1467	0.1173	0.3405	-0.0321	0.4751	-0.0472	0.0152
PY02711	-0.2262	-0.1681	-0.0903	-0.6674	-0.4067	0.1181	0.3267	0.0334	0.4037	-0.2656	-0.2625	0.1949
PY06148	1.0518	0.4844	0.8614	0.4697	0.0652	0.0854	0.5445	-0.0844	0.2578	-0.0758	-0.2474	0.4997
PY02414	-0.0643	0.218	-0.6797	-0.8341	-0.4341	-0.5194	-0.3677	0.0985	-0.0256	-0.2354	0.3337	-0.4812
PY04177	-0.6234	-0.6824	-0.8102	0.1339	0.3805	-0.1555	-0.4248	0.1202	-0.2147	-0.09	0.2362	0.0491
PY07451	0.196	0.1009	0.4512	-0.3498	-0.4234	-0.07	0.0769	-0.1011	0.2727	-0.0214	-0.1106	0.0101
PY05158	-0.0784	-0.1163	-0.369	0.4419	0.3369	-0.0593	-0.0867	0.2333	-0.1515	0.1767	0.5558	0.3137
PY02266	1.0059	0.5733	0.5741	0.3371	0.1813	0.0196	0.0779	-0.3653	0.058	-0.1447	-0.3653	0.1088
PY01886	1.0331	0.6245	0.5517	0.1036	-0.5426	0.1648	0.1978	-0.2765	-0.0068	-0.3548	-0.794	0.0376
PY05271	-1.0592	-0.4888	-0.6238	-0.0796	0.1873	-0.0854	-0.0253	-0.1381	0.0264	-0.1751	0.3078	0.4872
PY01661	0.4033	-0.1063	-0.0932	-0.0565	-0.0608	-0.3493	-0.072	-0.2364	-0.2384	-0.092	0.2682	-0.0994
PY00885	-0.182	0.1865	0.2732	0.3745	0.6114	-0.2055	-0.0785	-0.1781	-0.1158	-0.0954	-0.0041	-0.1604
PY00218	0.344	-0.4162	-0.4346	-0.3306	-0.9513	-0.201	-0.5212	-0.9061	-0.5558	-0.7357	-1.2936	-0.1919
PY06607	-0.4968	-0.4136	-0.2074	0.2231	0.4836	0.0425	-0.2724	-0.0189	-0.1433	-0.0275	0.0043	-0.1588
PY01758	-0.7288	-0.0429	0.7526	-0.2971	-0.0824	0.3349	0.0352	-0.1402	-0.2987	-0.073	-0.1412	-0.1622
PY03003	-0.7659	-0.3238	-0.3876	0.589	0.49	-0.0127	-0.2224	0.126	-0.1698	0.518	0.4635	0.2278
PY01943	-0.1618	-0.0544	0.3058	0.1741	-0.1511	-0.0468	0.234	-0.2226	0.1317	-0.4762	-0.2461	0.2932
PY05161	0.725	-0.1075	-0.0111	0.2598	0.1107	-0.1717	-0.0189	0.1408	-0.2343	0.0752	-0.3364	0.0078
PY01575	0.1375	0.0787	0.0053	-1.0795	-0.214	-0.2233	-0.0068	-0.2477	-0.2089	-0.4085	-0.2296	-0.0515
PY00261	-0.0625	-0.2776	0.1001	0.2064	-0.2944	-0.0824	0.1322	0.3199	0.0809	0.259	0.7642	0.0855
PY05046	0.5521	0.2974	0.2946	-1.0387	-0.2789	-0.3077	0.0649	-0.387	-0.1682	-0.504	-0.2094	0.1019
PY05820	-0.9681	0.1001	0.4007	0.1508	0.4799	-0.061	-0.1751	0.065	0.0753	0.3271	-0.053	-0.3047
PY07227	0.0986	-0.0837	0.0136	0.5796	-0.0183	-0.3298	-0.2425	-0.0511	-0.1203	0.3654	0.2086	0.371
PY05763	0.7993	0.0318	0.037	-0.2465	-0.47	0.3983	0.7503	0.0265	0.3224	0.0888	-0.825	0.6326

PY01731	0.075	-0.0238	-0.0409	0.4565	0.5694	0.2403	0.125	-0.1743	-0.1918	0.249	-0.2574	0.0177
PY03152	0.6033	0.2444	0.2133	-0.1511	0.3684	0.2284	0.3489	-0.1652	0.2657	-0.4367	0.0478	0.3016
PY03247	-0.0901	-0.0391	0.0422	-0.362	-0.0813	-0.121	-0.0072	-0.1518	-0.1613	-0.2775	-0.2051	-0.0319
PY02222	0.4039	0.1082	0.1792	0.0568	0.1985	0.2114	0.2825	-0.1239	0.0167	-0.1408	-0.2957	0.1059
PY04835	-0.05	-0.0052	0.1682	-0.0918	-0.0468	0.0139	0.6019	-0.1389	0.2029	-0.5076	0.0008	-0.3162
PY01310	-0.0287	-0.3542	-0.1599	0.0015	0.07862	-0.0243	-0.199	-0.2315	-0.4436	-0.2318	-0.331	-0.2052
PY00716	-0.9795	-0.2982	0.1893	-0.7969	-0.6405	-0.6323	-0.2848	-0.3698	0.0173	0.1916	0.5281	0.2083
PY06522	0.4531	0.1365	0.1166	-0.3313	0.1054	0.1308	0.1923	-0.1114	0.1636	0.0447	0.0298	0.1841
PY02211	-0.2256	0.047	-0.0668	-0.1402	-0.0468	0.1505	0.0712	0.1127	0.0745	-0.0635	-0.0581	0.1842
PY03275	-0.0664	-0.1406	0.0469	0.1141	0.0825	-0.0655	-0.0918	0.2368	-0.1662	0.495	0.3983	-0.0544
PY06331	0.0327	-0.1473	-0.0159	0.0857	0.4962	-0.1221	0.2284	-0.0325	0.1718	0.2393	0.6064	0.3382
PY07496	-0.2566	-0.0272	-0.6632	-0.2886	-0.2154	0.1224	0.0601	0.3688	0.2748	0.0987	0.3424	0.2724
PY00320	-0.0452	-0.2611	-0.0884	0.8161	0.6651	0.3565	-0.1892	0.3923	-0.0568	0.3691	0.8965	-0.105
PY04172	-1.0356	-0.4522	0.0832	-0.3434	-0.0468	-0.2237	-0.1086	-0.0275	-0.146	-0.5811	0.1001	-0.3747
PY02938	-0.4695	-0.2774	-0.3627	0.3784	0.4805	-0.051	-0.2921	-0.1387	-0.0084	0.24	0.1793	0.0882
PY02227	0.1639	-0.2059	-0.0522	-0.3612	-0.0746	0.1106	0.2238	0.1921	0.2853	-0.2239	-0.1456	-0.338
PY04230	-0.0287	-0.1634	-0.2118	0.41	-0.0984	-0.2961	-0.1391	0.0726	-0.2497	-0.0777	0.3115	-0.0096
PY05985	-1.121	-0.2962	0.5616	0.1389	-0.3075	-0.6972	-0.4998	-0.182	0.0437	0.363	0.1436	-0.0625
PY01848	-0.1123	-0.0425	0.0184	-0.0908	-0.374	-0.3519	-0.2958	0.2917	-0.0189	0.3667	0.3448	-0.1554
PY01041	-0.0385	-0.0083	0.0727	0.0459	-0.5379	-0.121	-0.0493	-0.0167	-0.0201	0.8794	-0.0125	0.1264
PY06135	-0.0974	0.3108	0.3103	-0.3323	-0.4787	-0.0668	0.0737	-0.0062	0.26	-0.1647	-0.0738	-0.2425
PY02292	-0.9493	-0.1183	-1.3051	-1.3329	-0.9953	-0.8192	0.1666	0.0056	0.2067	0.3214	1.1635	0.636
PY02405	0.5515	0.5276	0.0298	0.4603	0.394	-0.072	-0.0229	0.0173	0.1027	0.6144	0.1147	0.2757
PY01038	-1.1228	-0.6747	-1.0625	-0.5286	-0.1111	-0.1486	-0.1895	0.2147	0.0667	0.1176	0.3869	-0.2211
PY06809	0.1333	-0.1562	0.0095	0.3171	0.2665	0.1141	0.0032	-0.0335	-0.2549	-0.0789	-0.2988	-0.1841
PY01371	-0.1107	-0.2889	-0.7469	0.3533	0.568	0.0756	-0.2227	0.0005	-0.1642	0.4013	0.0255	0.0524
PY04679	1.0072	0.5532	0.2091	0.0763	-0.2863	0.1407	0.6831	-0.0233	0.2266	0.1575	-0.6444	0.7709
PY02457	-0.3255	-0.2171	-0.005	-0.1809	0.4267	0.5415	0.0559	0.0293	-0.1834	-0.2051	0.2482	0.0567
PY05542	0.0426	0.0699	0.1125	0.1185	-0.3207	-0.4138	0.0248	-0.0331	-0.1055	-0.0337	-0.2242	0.1191
PY01641	-0.2351	-0.1744	-0.3873	0.5534	0.067	0.0489	-0.1549	0.1545	-0.1235	0.3691	1.0323	0.0208
PY04439	-0.0896	-0.3643	-0.2759	-0.5942	0.115	0.0704	-0.1471	-0.1925	-0.0982	-0.4858	-0.0144	0.2857
PY00038	0.7951	-0.0506	0.313	0.7395	0.5434	0.2483	-0.045	-0.1031	-0.0487	-0.0206	-0.1626	0.0291
PY00046	0.06	0.321	-0.0006	-0.4142	-0.2209	-0.3286	-0.452	-0.2229	-0.3145	-0.1452	0.3922	-0.6432
PY01835	-0.184	0.0482	0.0582	0.6759	0.3988	0.3718	0.1726	0.184	0.1022	0.2717	0.0936	-0.0307
PY01201	-0.6089	-0.2414	0.0424	0.0765	0.1718	0.2342	-0.05	0.0162	-0.0946	0.2762	0.3749	-0.1098
PY05223	-0.1943	-0.062	0.2508	0.0827	-0.0009	0.2451	0.0951	0.0755	-0.0714	-0.0124	-0.3287	0.1329
PY02304	0.0714	0.2969	0.317	0.6964	-0.7643	0.3647	0.4244	0.1591	0.0683	0.3672	-0.0975	0.3201
PY05641	0.8989	0.2521	-0.1793	0.0618	-0.2471	-0.1082	-0.3014	-0.3567	-0.2633	-0.1034	-0.7556	-0.1709
PY07278	0.1692	0.0609	-0.2616	-0.4161	-0.4678	-0.7384	-0.2037	-0.2101	-0.0496	-0.4322	-0.1702	-0.4426
PY02479	0.0104	-0.2173	-0.3753	-0.1077	0.2435	0.0325	-0.0776	-0.0073	-0.1702	-0.0385	-0.1129	-0.0192
PY05818	-0.3637	-0.6077	-0.4096	-0.4383	0.2253	-0.2801	-0.0617	0.5376	0.127	0.03	0.6623	-0.0262
PY06958	-0.9247	-0.0283	0.1845	-0.3015	-0.3412	-0.131	-0.237	0.1658	0.0275	-0.2475	0.2598	-0.4152
PY06808	-0.3587	0.0389	-0.434	-0.227	-0.2963	-0.2212	0.1217	-0.0077	0.2992	0.0825	-0.1455	-0.0896
PY04008	-0.2265	-0.0093	-0.1868	0.2303	-0.233	-0.147	-0.1061	-0.0052	-0.0564	-0.1082	-0.0789	-0.1345
PY04103	-0.1389	-0.3374	-0.1649	0.1378	1.1818	0.1136	-0.0296	-0.5902	-0.0109	0.1983	-0.7534	-0.0825
PY07010	-0.3784	-0.3712	-0.1367	0.0615	0.4111	-0.2815	-0.1612	0.044	0.1097	0.5006	0.2601	0.2757
PY01048	0.154	0.1143	0.3243	0.2475	-0.1997	-0.1993	-0.1054	-0.4994	-0.162	-0.0706	-0.3808	-0.192
PY01532	-0.5012	-0.0638	-0.183	0.0396	0.2646	0.2836	-0.101	0.2839	0.0051	0.0234	0.413	-0.04
PY00419	-0.9244	-0.3579	-1.546	0.0008	-0.8623	-0.0817	-0.0684	0.3762	0.6347	0.3543	0.3119	-0.1207
PY03723	-0.1554	-0.3881	0.124	-0.3326	-0.5554	-0.1791	-0.0634	-0.095	-0.0674	0.161	0.0579	-0.0154
PY01242	0.3389	0.1928	0.2713	-0.0759	-0.2968	-0.0743	0.127	-0.0916	-0.0168	-0.2237	-0.4567	0.2894
PY05717	-0.0111	0.0654	-0.414	-0.056	-0.2157	-0.2133	0.0891	0.1032	0.569	0.1363	0.0139	0.3102
PY00409	-2.0458	-0.2174	-0.0756	-0.9677	-0.9706	-0.3935	0.0438	0.3987	0.3953	0.1437	0.9818	-0.2005
PY07291	0.1206	-0.0492	0.0093	0.421	0.5467	0.0284	-0.0595	0.1119	-0.0249	0.6533	0.4249	-0.0114
PY02440	0.2731	-0.0303	0.0525	-0.1725	-0.0767	-0.0238	-0.2822	-0.3002	-0.1128	-0.0576	-0.497	0.0366
PY00624	0.866	0.5337	0.2263	1.2167	0.3523	0.1997	0.1081	0.0957	-0.0849	0.1273	-0.2059	0.1006
PY00116	0.0001	0.1116	-0.2206	0.067	0.1101	-0.0515	0.058	0.1967	0.2751	0.1546	-0.3415	-0.0205
PY02921	0.1978	0.1024	-0.0523	0.3604	0.8814	0.2038	0.2512	0.6448	-0.0091	0.2489	0.8847	0.1361
PY00541	-0.8714	-0.0567	0.0489	-0.4418	-0.0419	-0.0715	0.0724	0.085	0.1694	-0.0572	0.4034	-0.3516
PY06591	0.3806	0.1307	0.0302	-0.0195	-0.4066	-0.2378	0.0134	0.0025	0.2753	0.5439	-0.507	0.2141
PY04018	-1.0911	-0.8402	-0.3972	-1.0953	-0.217	-0.1905	-0.1718	-0.1992	0.2672	-0.5447	-0.2544	-0.8515
PY00917	-0.5396	0.1413	0.039	-0.2533	-0.2567	0.222	-0.0758	0.138	0.0879	0.155	-0.104	-0.1753
PY05807	-0.2591	-0.2117	-0.2407	-0.2177	0.0999	-0.1352	-0.1744	-0.1334	-0.3171	-0.2747	0.1745	0.504

PY04752	0.2909	-0.1593	-0.2326	-0.0779	0.5156	0.3902	-0.1662	-0.0925	-0.0542	0.2795	0.0768	0.0414
PY04487	-0.7697	0.0828	0.112	0.2251	0.2075	-0.2416	0.1096	0.1344	0.2113	0.3511	1.0574	0.1336
PY06572	-0.2831	-0.1751	-0.3537	0.3926	0.3707	0.3279	0.2676	0.3785	0.2801	0.383	0.3038	0.3232
PY06087	0.0979	0.05	0.1725	-0.2375	-0.077	-0.1992	-0.0389	-0.0094	-0.0458	0.4136	0.2033	-0.1066
PY04867	-0.0185	0.0622	-0.1859	-0.4521	-0.437	-0.0766	-0.0474	0.0194	0.3992	-0.0752	-0.3478	-0.1273
PY04731	0.5921	0.0081	-0.081	0.3818	0.2011	-0.034	-0.1943	-0.1483	-0.1932	-0.2771	-0.4136	-0.1736
PY04985	0.2514	0.5176	0.2952	0.7425	0.1365	0.2143	-0.0788	-0.0685	0.1133	0.2835	0.003	-0.1192
PY06556	-0.5534	-0.5288	-0.2587	0.1706	0.8479	0.1273	-0.2257	0.2436	-0.0223	0.4593	1.2027	0.3248
PY06983	0.2105	-0.2294	-0.6131	-1.6191	-1.1317	0.1996	0.0706	-1.5027	-0.1519	-0.9945	-1.7291	0.4367
PY03035	-1.1349	-0.1901	-0.1447	-0.5488	-0.2163	-0.0895	-0.0635	0.4695	0.2142	0.2203	0.3566	-0.3668
PY03622	-0.8295	-0.1852	-0.4163	-0.3625	-0.655	-0.1663	-0.0291	0.0937	0.1983	0.2421	0.0983	-0.0928
PY06859	0.7961	0.1953	-0.3437	0.0927	-0.1282	-0.0323	0.0618	-0.3359	-0.0769	-0.47	-0.6789	0.2348
PY04762	0.7461	0.4038	0.3497	0.6117	-0.0626	0.0208	0.0395	-0.4872	-0.3584	-1.338	-1.1177	-0.2802
PY02806	-0.2906	-0.1311	0.1458	0.2165	-0.2184	-0.3505	-0.1823	0.0985	-0.1452	0.3405	0.2727	-0.1235
PY02462	-0.2925	0.0719	0.1501	-0.1135	-0.1237	-0.3845	-0.2871	-0.119	-0.121	-0.0623	0.2967	-0.2443
PY07606	-0.2435	-0.0107	-0.3856	-0.0485	0.1225	-0.238	-0.5144	-0.1633	-0.2159	-0.0351	-0.0649	-0.2709
PY06713	-0.1898	0.1511	0.1925	-0.1788	-0.0783	0.0888	0.0495	-0.0041	0.0355	-0.3181	-0.1695	-0.2782
PY05706	-0.1761	-0.1816	-0.041	-0.1553	0.3245	-0.2515	-0.2007	-0.1755	-0.2058	-0.1261	-0.1695	0.1055
PY04922	-0.2204	-0.0334	-0.31	-1.9802	-0.7164	-0.3019	0.1409	-0.547	-0.2795	-0.8444	-0.8855	0.0256
PY04576	-0.3536	-0.0204	0.2806	-0.2857	0.1755	-0.2265	-0.1284	-0.1551	0.1225	0.2084	0.3976	-0.3148
PY00786	0.1462	0.4765	0.2783	-2.0059	-1.1924	0.1707	0.1658	-0.7904	0.0531	-1.3819	-1.0751	0.2656
PY00746	0.395	0.0095	0.4562	0.018	0.1882	0.0818	-0.0759	-0.3263	-0.1409	1.518	-0.1375	-0.0823
PY05795	-0.0313	-0.1227	0.0296	-0.5194	0.041	0.2292	-0.0639	-0.2409	-0.1032	-0.1729	-0.1783	-0.004
PY00672	0.4376	0.2868	0.0944	0.024	-0.4239	0.0201	0.0979	0.0269	0.1599	0.3021	-0.193	-0.0297
PY04769	-0.6578	-0.2959	-0.3572	0.4436	0.4095	0.3721	0.1558	0.789	0.279	0.3532	0.909	-0.2674
PY00442	0.5393	0.2166	-0.0007	1.9806	1.0896	0.8257	-0.0787	0.6388	0.0998	1.3911	0.9755	-0.0399
PY03615	0.1005	0.1364	0.0141	0.1226	-0.3257	0.2364	0.2795	0.2049	0.3786	0.0462	-0.3354	0.2104
PY02144	-0.0826	-0.1602	0.0795	0.0256	-0.5099	-0.2773	0.0148	-0.307	-0.3446	-0.3167	-0.5446	-0.1305
PY07120	0.0695	-0.1338	0.6349	0.3986	0.36	0.2083	0.2363	-0.1336	-0.5846	-0.1588	-0.3571	0.1568
PY05478	0.5934	0.2494	0.4906	0.2601	0.0569	0.0559	0.0814	-0.282	0.1115	0.1051	-0.5826	0.2573
PY02197	0.0467	0.117	-0.1322	0.3237	-0.0325	0.0471	-0.0168	-0.051	-0.1072	-0.8058	0.1978	-0.3496
PY03933	0.3569	0.3161	0.4895	-0.1551	-0.1906	-0.0562	-0.0221	-0.1947	-0.1313	-0.0586	-0.4301	-0.1078
PY04318	0.7646	0.4718	0.6295	-0.268	0.0191	-0.3414	0.5738	-0.4042	0.559	-0.1011	-0.0791	0.6408
PY03433	-0.3694	-0.2646	0.0573	0.0094	-0.0749	-0.2361	0.0431	0.083	0.1488	0.0379	0.3012	0.1023
PY07531	-1.8044	-0.6916	-0.2754	-0.8481	-0.1342	-0.2083	-0.2259	0.028	-0.044	0.165	0.5903	-0.2324
PY05842	-0.3513	-0.1355	-0.1897	0.2691	-0.4005	-0.2452	-0.0067	0.1995	0.0628	-0.6163	-0.2019	0.235
PY06842	0.4435	0.0104	-0.008	-0.2056	-0.6632	-0.1798	0.2653	0.0654	0.1779	0.5144	-0.5657	1.0109
PY01347	-0.3127	0.0026	0.0316	-0.6757	-0.0793	0.1208	0.186	0.352	0.2845	-0.5904	-0.0895	-0.2092
PY01375	0.7975	0.5951	-0.0736	0.2247	-0.7333	-0.2411	0.1502	0.2652	0.2833	-0.2414	-0.3902	-0.1291
PY02958	0.5574	0.0601	0.08	0.047	-0.1863	0.1409	0.3927	-0.4802	0.1053	0.0445	-0.3512	0.3608
PY05329	1.0824	0.9476	-0.0784	-0.6857	-0.0807	-0.8018	-0.7851	-0.8621	-1.0044	-0.4043	-0.4094	-1.09
PY06312	-0.1415	0.1373	0.0817	-0.261	-0.1477	-0.1151	0.0998	-0.0116	-0.1795	-0.349	-0.097	0.026
PY03862	-0.6701	-0.1044	-0.1146	-0.4264	0.53	0.1899	-0.1019	-0.0451	-0.1982	-0.148	0.0643	-0.2979
PY04214	0.2275	-0.1781	0.5214	0.3339	-0.3031	-0.1567	0.0216	0.0819	0.327	-0.0812	-0.0407	0.1639
PY01216	-0.0364	-0.2022	-0.1423	0.8529	0.5162	-0.1629	-0.1078	0.128	-0.7935	0.519	-0.1344	-0.3816
PY06273	0.3169	0.2935	-0.5798	0.0238	0.1716	0.4126	-0.1204	-0.2438	-0.485	-0.2394	-0.1513	-0.3768
PY03846	0.0118	-0.0601	-0.0101	0.023	0.5262	0.122	-0.1234	0.1352	0.0201	0.2327	0.3655	0.0182
PY01511	0.2312	0.0086	-0.2472	0.1536	-0.1604	-0.0346	-0.353	-0.3636	-0.4725	-0.6692	-0.4917	-0.1302
PY03200	-0.3537	-0.1553	-0.1217	-0.5101	-0.4145	-0.1571	-0.0711	0.2469	0.0399	-0.0456	0.2644	-0.1101
PY05661	0.2169	0.1181	0.2447	-0.0474	0.106	0.2379	0.2712	0.0269	0.1896	-0.0112	0.0411	0.3488
PY02530	-0.0291	-0.0396	-0.3838	-0.1732	-0.2787	0.0315	-0.1138	0.1502	-0.008	0.146	0.1759	0.1144
PY00141	0.3099	0.2627	0.0475	0.2447	-0.2518	-0.2123	-0.0114	-0.2927	-0.0918	-0.4899	-0.4491	-0.0427
PY07395	-0.0192	-0.2068	-0.4711	-0.2301	0.2271	-0.2368	-0.3243	0.0181	-0.1486	-0.1539	-0.1102	0.0896
PY02068	-0.4102	-0.4354	-0.4597	1.7545	0.4167	-0.0554	-0.2965	0.6267	-0.0884	1.4227	0.9332	0.101
PY02889	-0.2007	-0.0095	-0.5743	-0.0652	-0.3208	-0.2074	-0.1735	0.0254	0.0137	0.123	0.026	0.0472
PY01734	-0.8942	-0.2559	-0.0829	0.0003	-0.3027	-0.0513	0.0709	0.3299	0.3658	0.1405	0.1217	0.2094
PY01359	0.4231	0.1666	0.0485	-0.4687	-0.2296	-0.3862	-0.1978	0.2317	-0.088	-0.0712	0.1198	0.0278
PY06743	-0.1869	-0.014	0.0792	-0.0273	-0.3899	-0.0287	-0.0508	0.1547	0.2273	-0.5558	-0.2764	-0.0582
PY02737	-0.8753	0.0572	-0.1546	0.1108	-0.4193	-0.4887	-0.377	0.1408	0.0048	-0.3525	0.4258	-0.2731
PY03153	-0.2402	-0.2856	0.2007	-0.1055	0.2784	-0.3401	-0.2545	-0.025	-0.1013	-0.0451	0.2203	-0.3521
PY02907	0.4345	-0.144	-0.2075	-0.095	-0.0222	-0.2331	-0.1597	0.015	0.2487	-0.2739	0.1586	0.2139
PY04169	0.4708	-0.1184	-1.001	-0.0338	0.2745	-0.0227	-0.0808	0.4589	0.1705	0.5425	-0.0384	0.2357
PY01306	-0.5198	-0.5633	-0.5296	0.0043	0.3048	0.1167	0.0622	-0.2731	-0.1573	-0.0413	0.2029	0.1423

PY03115	-0.4576	-0.16	0.142	0.2075	0.5849	0.3802	0.0495	-0.2392	-0.1974	-0.1527	-0.1339	-0.1953
PY01234	0.3511	0.0904	-0.1359	-0.369	-0.0446	-0.119	0.0491	-0.2036	0.0033	-0.2175	0.08	0.3437
PY00335	-0.613	0.01	-0.2445	-0.6902	-0.6827	0.071	0.1474	0.1996	0.1222	-0.0908	-0.1191	-0.1976
PY03201	-0.071	0.189	-0.1454	0.0448	-0.7792	-0.2375	-0.1124	-0.2484	0.2166	0.3515	0.0081	-0.0836
PY06041	0.6912	0.4275	0.1522	0.7771	-0.0583	0.2638	0.135	-0.2012	-0.4241	0.0868	-0.6184	0.087
PY04806	-0.5562	-0.1972	0.0561	-0.1843	0.16	-0.0915	-0.0768	-0.0295	-0.3058	0.0613	-0.1697	0.1879
PY01878	-0.7401	-0.0888	-0.1658	0.2754	0.2749	0.5051	0.0531	0.402	0.2512	0.0946	0.3646	-0.3062
PY05860	-0.3143	-0.3877	-0.4405	0.1348	0.4219	-0.135	-0.0773	-0.0259	0.1969	0.5828	0.1124	0.1508
PY04483	0.7539	0.3284	0.6377	0.1638	-0.2827	-0.0022	0.3517	-0.1142	0.1809	-0.1229	-0.238	0.4001
PY04621	-0.1418	0.0259	0.2434	0.1249	-0.2607	-0.554	-0.4645	-0.0512	0.0367	-0.0652	0.3628	-0.2846
PY01446	-0.794	-0.3327	0.0394	0.0335	0.3196	0.1833	-0.2243	-0.1287	-0.1413	0.0889	0.1436	-0.0522
PY05106	-0.5516	0.1196	0.7795	0.1624	-0.3231	0.1038	0.3004	0.1887	0.44	0.19	-0.4151	0.1421
PY04620	-0.0172	-0.1199	-0.2123	-0.1211	-0.0226	-0.0502	-0.223	-0.0699	-0.0704	0.0616	-0.1428	-0.1214
PY07597	0.0552	-0.1909	-0.2767	1.3939	1.0245	0.6477	0.027	0.7072	0.0867	1.3179	0.8975	0.2056
PY01186	-1.5008	-0.5313	-0.1392	-0.4524	-0.4709	-0.2725	-0.2667	0.0611	0.4275	0.1017	0.5836	-0.1529
PY05178	0.5688	0.207	-0.1181	0.1343	0.2441	0.1473	-0.2324	-0.1506	-0.2939	-0.3999	-0.4248	-0.222
PY02447	0.6551	0.3534	0.4956	-0.3223	-0.0591	0.0435	-0.0792	-0.3315	0.0111	-0.4304	-0.5227	0.0146
PY00738	-0.0849	0.0638	-0.1235	-0.104	0.1222	0.3008	0.0805	-0.214	0.0662	-0.1088	0.1986	0.0933
PY05025	0.2669	-0.0763	0.1176	0.047	0.0162	0.1237	-0.0004	0.1328	-0.5386	0.0941	-0.3608	0.1727
PY04295	-0.4227	-0.3036	0.0365	-0.3812	0.3445	0.2941	-0.0709	0.0325	0.0448	-0.0221	0.314	-0.0383
PY07416	0.392	0.1502	0.0396	0.5594	0.0205	0.2646	0.2909	0.2168	-0.0283	-0.0724	-0.3112	0.0727
PY03716	0.502	-0.1512	-0.5034	0.4769	0.6562	0.1254	-0.3956	-0.2038	-0.5263	-0.0346	-0.3405	-0.4488
PY06648	-0.5249	-0.0244	-0.0588	-0.1557	0.506	0.577	0.469	0.5571	0.2717	0.2702	0.731	0.1346
PY03501	0.0972	0.2856	0.1594	0.39	-0.2519	-0.0278	0.1986	-0.0017	0.1536	0.5166	-0.1824	0.3289
PY01494	-0.5668	-0.281	-0.337	-0.1972	-0.2178	0.0018	0.0042	0.3465	0.1354	-0.2559	0.7398	-0.0999
PY01633	0.0795	0.1619	-0.104	-0.4472	0.232	-0.0693	-0.2231	-0.417	0.0654	-0.2119	-0.222	0.1129
PY07003	1.4052	0.1308	0.0171	0.5526	-0.3417	-0.3609	0.1016	0.393	0.2956	0.8967	-0.1626	0.6148
PY07039	0.4177	0.1236	-0.1221	0.956	0.7181	0.2003	0.1302	0.0168	0.164	0.2884	0.1561	0.3641
PY02258	0.1458	0.1981	0.8024	0.391	-0.2432	-0.0503	0.125	-0.1205	0.2132	0.2476	-0.4081	0.2255
PY03656	-0.3765	-0.0644	0.2221	0.037	-0.017	-0.3933	0.2133	0.3556	0.4438	0.2823	0.2016	0.0427
PY03787	-1.0165	-0.5177	-0.4367	-0.0452	-0.144	-0.374	-0.3038	0.0612	-0.0264	0.1464	0.2156	0.0588
PY00666	-0.1791	-0.0904	-0.1803	-0.5003	0.1194	0.1502	-0.1324	-0.1355	-0.1902	-0.3326	0.1305	0.1372
PY07403	0.3139	0.0255	-0.0043	0.6078	0.4196	0.048	-0.0968	-0.1239	0.0605	0.0303	0.1422	-0.0044
PY03944	0.4425	0.1085	0.1349	0.1967	0.1663	0.1647	0.2185	-0.1182	0.0971	-0.028	0.0418	-0.3961
PY05413	-0.035	-0.1524	-0.0748	-0.8748	-0.3528	-0.1643	0.142	-0.1131	0.2177	-0.6277	0	0.1991
PY06159	-0.3279	-0.0618	-0.4497	-0.6024	0.0579	-0.3112	-0.1548	0.1938	0.2082	-0.3225	0.0321	-0.1625
PY01192	-0.0171	-0.3368	-0.5523	0.5431	0.1581	0.1994	-0.0167	0.3305	-0.2648	0.093	-0.1804	-0.0625
PY02319	-0.1122	-0.0843	0.0714	-0.1159	0.1727	0.0082	-0.1376	-0.0175	-0.0154	-0.1913	-0.3136	-0.3508
PY03158	-1.1259	-0.0656	0.1069	-0.3469	-0.4548	-0.2794	-0.1423	0.1124	0.0733	-0.0489	0.0282	-0.2672
PY02851	0.5403	0.3052	0.3382	-0.1057	0.1888	0.3071	0.6271	0.0232	0.4214	-0.0724	0.0114	0.2869
PY05143	-0.3519	-0.1108	0.1411	1.4679	-0.1887	-0.1413	-0.2147	0.0294	0.1073	-0.0403	0.1718	-0.0612
PY06080	-0.4039	-0.1536	-0.0959	-0.631	-0.1478	0.2928	0.0529	0.283	0.1667	0.2047	0.7579	0.0405
PY03956	0.2814	0.105	0.377	0.0999	-0.1578	0.3692	0.6304	0.4134	0.6592	-0.224	-0.5668	0.1514
PY00451	-0.5653	-0.3368	0.2078	-0.1634	-0.3035	-0.35	0.1059	-0.3894	-0.1927	-0.0449	1.3491	-0.1434
PY07650	0.2995	0.1279	0.2021	0.4081	0.4699	0.1741	0.1534	-0.0308	0.3509	0.167	0.3127	0.1602
PY00439	0.5721	0.1577	-0.0538	0.3356	-0.2477	-0.462	-0.5032	-0.4488	-0.2994	-0.2018	-0.6577	-0.1514
PY07019	-0.5859	-0.1933	0.0107	0.0599	-0.4655	-0.3671	0.0292	0.5644	0.3175	0.4282	-0.0173	-0.3922
PY03055	0.274	0.0647	0.0197	-0.7765	-0.3421	-0.1617	-0.1073	-0.3695	-0.1175	-0.1432	-0.3492	0.0447
PY02683	0.1134	0.1688	0.3923	-0.3695	-0.2004	-0.0218	0.3626	-0.2145	0.2189	-0.2801	-0.413	0.3301
PY03170	0.4433	0.2654	-0.1462	0.4336	0.2053	-0.3349	-0.2972	-0.3288	-0.3526	-0.2991	-0.5572	-0.2937
PY02770	-0.9357	-0.7309	-0.938	-0.314	0.0279	0.0641	0.0806	0.5757	0.164	-0.2786	0.5019	-0.1335
PY07107	-0.3797	-0.0569	-0.4228	-0.4592	-0.1923	0.1844	-0.1676	-0.1581	-1.1549	-0.1112	-0.2011	-0.3121
PY01231	0.1279	0.0783	0.1909	0.5951	0.7223	0.2432	0.2842	-0.0972	0.1172	0.1819	0.3816	0.3715
PY00837	0.1642	-0.5179	-0.5935	0.1634	0.0455	-0.1656	-0.5313	0.05	-0.1694	0.323	0.297	-0.2173
PY02608	0.0334	0.398	-0.5331	-0.3791	-0.0808	-0.1248	0.0328	0.2878	0.0426	-0.074	0.1805	-0.6203
PY03470	0.4461	-0.0356	-0.1839	-0.1887	0.0143	0.2326	-0.2164	-0.2339	-0.6967	-0.8977	-1.2089	-0.2178
PY00621	-0.3544	-0.1572	0.0035	-0.4113	0.0147	-0.1192	-0.196	-0.1866	0.0637	-0.2148	-0.0193	0.1982
PY00607	-0.403	-0.2456	-0.2495	-0.0579	0.3822	-0.1568	-0.0625	0.1623	-0.0637	0.036	0.1296	0.2693
PY04011	0.6357	-0.0573	-0.2288	-0.4582	-0.3679	-0.6632	-0.285	-0.6116	-0.169	-0.0967	-0.4782	0.0867
PY02232	-0.6998	-0.4547	0.2399	0.0931	0.2038	-0.048	-0.1202	0.0916	0.0245	-0.0761	0.2985	0.0322
PY03614	-0.4667	-0.0708	0.1653	0.0356	0.3252	-0.0703	-0.1906	-0.0544	-0.0844	0.0742	0.7693	-0.0926
PY03719	-0.148	-0.1183	-0.0508	0.1438	-0.1597	0.0482	0.039	0.1902	-0.0773	-0.0883	-0.3653	-0.1743
PY06542	-0.2221	-0.1112	-0.0668	0.151	0.0193	-0.1521	-0.1346	0.1198	0.1542	0.3582	0.8242	0.1666

PY00735	0.7857	0.3379	-0.557	0.1037	0.0356	0.0981	-0.234	0.1234	-0.9225	0.1987	-0.2226	-0.5066
PY06365	2.1193	-0.2271	-0.3835	1.6712	1.8037	1.0418	-0.0844	0.7219	-0.2646	1.289	0.0925	-0.1911
PY01779	0.0363	0.105	0.1289	0.1573	0.1062	-0.0322	-0.0072	-0.236	-0.2857	-0.0571	-0.3517	0.0778
PY05215	0.0539	0.0181	0.3893	-0.081	0.1254	0.1276	0.2704	-0.0418	0.244	0.1875	-0.0906	0.3883
PY05574	-0.0982	0.0975	0.0532	-0.499	-0.4398	0.0261	0.0886	-0.1035	0.032	-0.0527	0.1048	0.1077
PY00389	-1.225	-0.8203	-0.7086	-0.9861	-0.4164	-0.2277	-0.0198	0.2155	0.247	-0.1662	0.6196	-0.2179
PY06003	-0.3883	-0.1027	-0.3843	-0.5713	-0.0199	-0.0674	-0.0467	-0.1299	-0.1445	-0.158	-0.1845	-0.0158
PY04520	-1.0475	-0.9005	-0.7768	-1.1664	-0.7044	0.1238	0.0229	0.332	0.1432	0.0966	0.7016	0.0898
PY04860	-1.0439	-0.4645	-0.2326	-0.1113	0.2171	-0.0213	0.0112	0.2238	0.0484	0.467	0.6317	0.3309
PY02829	0.1412	0.1034	0.6722	0.7236	0.243	0.4335	0.3517	0.0495	0.5237	0.2174	-0.0642	0.4938
PY00857	-0.7468	-0.3142	-0.1415	-0.0727	0.1125	-0.4308	-0.4005	-0.1786	-0.272	-0.2244	0.0763	-0.119
PY03557	-0.3176	-0.0288	0.0347	-0.0313	0.0475	0.082	-0.0385	-0.1166	0.0772	0.1422	0.2996	-0.0342
PY06665	-0.3741	-0.0035	-0.0749	-0.0837	0.1961	0.0158	-0.162	0.2484	-0.1245	0.1481	0.7728	-0.2087
PY02421	0.0174	-0.2474	-0.0258	0.2085	1.1921	0.4758	0.0545	0.1332	-0.3179	0.1368	-0.1211	0.0633
PY03045	1.4106	0.9842	0.5285	0.4588	-0.9396	0.3494	0.6824	-0.2717	0.3274	0.05	-1.3266	0.5624
PY02636	0.1475	-0.048	0.1558	-0.0281	-0.1264	-0.2653	0.2375	0.0975	0.0086	-0.8292	-0.1523	-0.1931
PY04551	0.7738	0.3412	0.1198	-0.059	-0.3035	-0.0646	0.0635	-0.0806	0.0043	-0.1518	0.1522	0.2309
PY05892	-0.0764	-0.3129	-0.569	0.0479	0.1016	-0.0795	-0.2515	-0.0982	0.0289	0.1381	-0.0771	-0.1826
PY00334	-0.805	-0.4744	-0.2341	-0.0529	-0.0415	-0.1313	-0.3154	0.0792	-0.6764	-0.4168	0.6718	-0.6075
PY06181	-0.3043	-0.1198	0.2313	-0.034	-0.1188	-0.8301	0.3742	0.2399	0.3084	0.3365	0.1186	0.1111
PY06277	0.3893	-0.065	0.2158	0.1644	0.2968	0.5663	0.1525	-0.299	-0.2676	-0.4265	-0.1232	-0.039
PY05187	0.8147	0.3884	0.5659	0.5861	-0.1243	0.0523	0.4426	0.0692	0.2731	0.2654	-0.5759	0.7005
PY06260	0.1964	0.1343	0.054	-0.41	-0.4677	-0.2152	0.0048	-0.2805	0.0773	-0.6077	-0.5174	0.1227
PY02385	-0.8542	-0.1911	0.2628	-0.1259	0.3934	-0.1777	-0.1919	0.2168	0.2625	0.1278	0.2667	-0.2056
PY03576	-1.0655	-0.5711	-0.1291	-0.6917	0.0338	-0.1443	-0.0563	-0.0678	-0.0065	-0.0785	0.7143	-0.2163
PY04569	-1.4661	-0.7214	-0.4978	-0.6846	-0.86	-0.3644	0.0759	0.6091	0.4348	0.1898	0.7573	-0.1801
PY01207	0.0495	0.1232	-0.0375	-0.3916	-0.3879	-0.1944	0.0328	0.0891	0.131	-0.4787	-0.5154	-0.5426
PY07250	-0.4214	0.0362	0.3955	-0.2175	-0.1099	-0.2004	-0.2721	-0.1107	-0.2675	-0.1269	-0.108	-0.3393
PY05431	-0.6382	-0.4766	0.1417	-0.0971	0.0238	-0.5294	-0.4959	0.0802	-0.2064	0.4057	0.2187	-0.0105
PY05535	0.7482	0.3994	0.4958	0.415	-0.3584	0.0186	0.329	-0.5114	0.4249	-0.1436	-0.8615	0.1928
PY01554	0.2411	0.2005	0.4316	0.6956	0.2531	0.3319	0.1925	0.2484	0.1305	0.8491	0.5535	0.2255
PY02718	-0.0802	0.1506	-0.3076	0.6879	0.4325	-0.1875	-0.0208	0.0732	-0.1702	0.4934	0.4652	0.0569
PY00427	-0.2416	0.0963	-0.1398	0.0169	0.1929	-0.0951	-0.0661	-0.207	-0.0681	0.3285	-0.0671	0.0209
PY03318	0.2742	0.1042	0.141	-0.2084	0.3101	-0.2947	0.159	-0.1816	-0.1411	-0.49	-0.1971	-0.0315
PY07443	-0.1803	-0.2311	0.0617	0.2699	-0.1253	-0.3282	-0.0663	0.0958	0.1812	-0.209	0.3869	0.0569
PY06707	-0.11	-0.2055	0.1074	0.5387	0.4903	-0.4833	0.0529	-0.1601	-0.1094	-0.2063	0.4944	-0.0157
PY01586	-0.8214	-0.5395	-0.624	-0.011	-0.525	-0.1716	0.1884	0.6413	0.5291	0.5768	1.0349	0.383
PY04613	-0.0603	0.1701	-0.1353	-0.4505	-0.0243	-0.1419	-0.0816	-0.1027	-0.3489	-0.2826	-0.307	-0.7229
PY01109	-0.0945	0.0485	0.253	0.8826	-0.0684	0.3909	0.3309	-0.3579	0.1109	0.0484	-0.5772	0.0539
PY03824	-0.3205	-0.1707	0.0744	-0.0742	-0.2543	-0.3221	-0.7368	-0.2373	-0.2238	0.1703	0.0253	-0.4934
PY06693	-0.2223	0.0147	0.6283	-0.7487	-0.8835	-0.2883	0.1809	0.1936	0.888	0.2813	0.1266	0.8122
PY02351	-0.075	-0.0061	-0.2634	0.2734	-0.0102	0.1241	-0.1216	-0.0679	-0.1286	0.069	-0.2764	0.2357
PY05179	-0.1443	-0.0638	-0.4388	0.2364	0.0283	-0.0591	-0.272	-0.007	-0.0311	0.0704	-0.2346	0.0659
PY03629	0.0746	0.1024	0.3514	0.1873	-0.0384	0.066	-0.0397	-0.4291	-0.0984	-0.2239	-0.3554	-0.0971
PY01419	0.0759	-0.1146	-0.1161	0.3415	-0.1923	0.0017	-0.1827	0.146	-0.1558	-0.0022	0.1431	-0.4778
PY03786	-0.737	-0.3026	0.0856	0.7815	0.4531	0.1474	-0.0939	0.4585	-0.0127	0.7876	0.1276	0.1684
PY01508	-0.0156	0.3087	-0.035	-0.8904	-0.3735	0.3853	0.0549	-0.4992	0.0035	-0.4022	-0.6618	-0.1729
PY04498	0.0903	-0.0912	-0.0407	0.3674	0.348	0.2493	0.0714	0.1317	-0.3045	0.3501	0.0286	0.1921
PY02136	-0.2484	-0.1125	0.0114	-0.4068	0.0254	0.15	0.2284	0.1112	0.1377	-0.1066	0.0548	0.0577
PY02255	-0.4103	-0.1457	-0.0589	-0.0069	0.0261	-0.1366	0.0055	0.1056	0.0446	0.1412	0.4266	-0.0972
PY05489	0.2175	0.0964	0.0381	-0.5061	0.3282	0.1593	0.2916	-0.2797	-0.059	-0.3618	-0.4841	0.3106
PY01300	-0.4726	-0.1375	-0.1381	0.4121	0.1458	0.0225	-0.1887	-0.0398	0.0323	0.1371	0.0009	-0.2083
PY05646	-0.1928	-0.1233	0.2408	-0.3402	-0.0833	0.0458	-0.2323	-0.2327	0.0063	-0.0563	0.0975	0.0808
PY04543	0.0986	-0.5046	-0.7548	-1.1436	-0.5233	-0.2257	0.161	-0.0866	0.1429	-0.5177	-0.6726	-0.0442
PY02050	-0.4629	-0.22	-0.2576	0.3118	-0.0295	0.0412	0.228	0.1782	0.4591	-0.295	0.2229	0.1834
PY03423	0.076	0.0174	0.034	0.3019	0.1757	-0.3197	0.0032	-0.1508	0.1272	0.3892	-0.032	0.2018
PY02798	-0.4355	0.1902	0.3284	-0.0469	-0.645	-0.2664	0.009	0.2986	0.3424	-0.0917	-0.0223	-0.0527
PY06549	0.4142	0.1632	-0.3549	0.4123	0.2511	0.1832	0.3091	0.0702	0.0835	0.1901	-0.4364	-0.0522
PY07311	-0.7884	-0.2115	-0.2504	-0.4544	0.3347	-0.2137	-0.2942	-0.0626	-0.0255	0.0473	0.1634	-0.1653
PY05659	0.0072	0.0204	-0.0138	0.176	0.1864	-0.0922	-0.2878	-0.366	-0.2186	-0.2666	-0.0503	-0.4029
PY00497	-1.2242	-0.6225	-0.2272	-0.4742	-0.5093	-0.7208	-0.3447	0.076	0.2022	0.179	0.6139	-0.2337
PY06695	-0.4731	-0.773	-1.0096	-0.7595	-0.0922	0.0914	0.0542	0.5416	0.193	-0.6489	0.4006	-0.079
PY01172	-0.3859	0.037	0.3251	-0.3482	-0.4008	-0.0194	0.1723	-0.1323	-0.0583	-0.2473	-0.3257	-0.1575

PY03393	-1.3947	-0.3116	0.1553	-0.2467	-0.2962	-0.0037	0.0253	0.5234	0.3793	0.2135	1.3359	0.052
PY07365	-1.0808	-0.1877	0.0071	-0.3921	0.0719	0.0725	0.0283	0.373	0.1926	0.0987	0.184	-0.5524
PY06051	-0.0557	-0.0098	-0.2486	-0.5026	-0.1025	-0.2039	-0.2289	-0.4467	-0.1014	-0.3495	-0.6005	-0.0328
PY05447	0.3392	0.1841	0.2186	-0.1	0.0101	0.0424	0.1563	0.064	0.136	0.0668	-0.2954	0.2553
PY03142	-0.8922	-0.1617	0.114	-0.3814	-0.0724	-0.1535	-0.292	0.0374	0.0402	0.2478	0.5457	-0.0147
PY01556	0.0982	0.2344	-0.1713	0.1332	0.0576	-0.0873	0.0975	-0.1838	-0.1395	-0.1793	-0.2351	0.1394
PY00634	0.5007	0.2234	0.0774	0.1155	-0.0574	0.0945	-0.0932	-0.0867	0.229	-0.0357	-0.234	0.234
PY04041	0.3137	0.2448	0.5309	1.3509	0.7821	1.3035	0.4575	1.0335	0.8191	1.5524	1.0947	0.6163
PY04358	0.3537	0.2328	-0.1217	0.2571	0.7567	0.0292	-0.0761	-0.3742	-0.3854	-0.1966	-0.459	-0.1136
PY00810	-0.2068	0.13	0.0999	-0.1	-0.1288	-0.0111	-0.0299	0.0417	0.066	-0.1311	0.0579	-0.2531
PY05897	0.4004	0.0844	-0.0895	-0.1462	-0.1897	-0.3102	-0.2727	-0.1176	0.1341	-0.3217	-0.266	-0.6154
PY00399	-0.0927	-0.117	-0.0832	-0.0171	0.0025	0.5441	0.099	-0.1039	0.0705	-0.1251	-0.1415	-0.3156
PY00345	-0.346	0.0534	-0.2474	-0.2516	-0.5914	-0.3746	-0.1239	-0.0836	0.3236	-0.2346	0.0613	0.0201
PY05906	0.4433	0.1162	-0.0261	0.6215	0.3108	0.2513	-0.1256	0.4148	0.0257	0.3545	0.4267	0.0939
PY07196	-0.397	-0.0707	-0.1646	-0.1816	0.0165	-0.1501	-0.0727	-0.1523	0.1873	-0.134	-0.188	-0.1285
PY05007	0.4311	0.1854	-0.1851	-0.0692	0.0142	-0.1139	-0.0169	-0.3354	0.0979	-0.4995	0.2412	-0.048
PY01761	0.4459	-0.0713	-0.3015	0.4831	0.5607	-0.1086	-0.2314	-0.104	-0.1468	-0.0961	-0.1891	0.0106
PY06862	-0.8033	-0.2476	-0.1885	-0.7903	-0.3763	-0.2943	0.0191	0.2798	-0.0101	-0.2844	0.085	-0.3554
PY01790	-0.625	-0.2856	-0.2161	0.0184	0.1632	-0.0382	0.1301	0.0321	-0.1096	-0.0012	0.1218	-0.0649
PY00941	-0.4895	-0.0011	-0.1543	-0.4691	-0.3362	-0.3271	-0.2617	-0.0943	-0.2164	1.009	0.293	-0.1876
PY03479	0.4558	0.2001	-0.421	0.1906	0.6048	-0.0302	-0.2153	-0.0755	0.0892	0.2124	0.1672	0.2157
PY00826	0.1217	-0.3098	0.1011	-0.2929	0.0104	0.0567	0.0308	-0.1799	-0.1345	-0.5696	0.1063	-0.2289
PY00531	-0.7944	-0.5425	-0.8188	0.2036	0.0179	-0.1069	-0.1916	0.305	-0.5641	0.4353	0.2666	-0.3829
PY03027	-0.6401	-0.1188	0.4868	0.1159	-0.2365	-0.3478	-0.2871	-0.132	0.112	-0.4988	0.2028	0.0229
PY06921	-0.2705	-0.5065	-0.5049	-0.0224	0.5968	-0.1921	-0.3289	-0.1575	-0.2325	-0.0351	-0.2001	-0.0497
PY06044	0.0365	-0.0286	-0.0949	0.4307	0.5706	-0.2429	0.0455	-0.1167	-0.1704	0.3425	0.2403	0.1394
PY02489	-0.7398	-0.2243	-0.5087	-0.3552	-0.0772	0.0777	-0.0879	0.0018	0.0715	0.1137	0.1491	-0.2053
PY06447	-0.3738	-0.1403	0.0402	-0.426	-0.3372	-0.5715	-0.284	-0.0318	-0.0243	0.0727	0.4631	-0.0372
PY01251	-0.0367	-0.047	0.0181	-0.2821	0.3569	-0.0605	0.1699	-0.1309	-0.2669	-0.0561	-0.124	0.0425
PY02968	-0.1359	-0.2709	-0.2873	-0.3488	0.1685	0.2285	0.0185	-0.0064	-0.1023	0.2189	0.0541	0.3698
PY02592	-0.1168	-0.1246	-0.1924	-0.3745	-0.1407	-0.1552	-0.4843	-0.3681	-0.288	-0.0879	-0.0987	-0.0675
PY01956	-1.2132	-0.8208	-0.742	-0.9038	-0.2346	-0.2659	-0.0378	0.4139	0.3497	0.4285	0.9526	0.2794
PY07292	-0.75	-0.2242	-0.0402	0.1784	0.031	0.2166	0.1641	0.1731	0.3336	-0.0995	0.1022	-0.2062
PY01003	0.4443	-0.0434	-0.0593	0.239	-0.1668	-0.081	-0.0662	-0.404	0.1507	0.1775	-0.4143	0.2229
PY01264	-0.0156	0.0933	0.4636	0.1527	0.0589	0.2087	-0.2724	-0.3561	-0.4657	-0.199	-1.0473	-0.4359
PY07452	-0.2369	-0.0484	-0.2122	0.2891	-0.2438	-0.0448	-0.331	0.0232	0.2401	0.1054	-0.272	-0.0106
PY02376	0.3251	0.2167	0.292	-0.4473	-0.0897	0.293	0.3855	-0.2089	-0.0224	-0.4125	-0.2188	0.1156
PY06866	-0.3586	-0.076	-0.1261	-0.4422	-0.3063	-0.0177	0.0318	-0.0573	0.0167	-0.3489	0.0167	-0.0457
PY02957	0.0176	0.1364	0.4179	0.3739	-0.2847	0.1083	0.3727	0.2742	-0.6382	-0.2631	-0.1359	0.5139
PY02967	0.1994	-0.2705	-0.2106	0.2089	0.4053	0.1897	-0.3056	0.0406	-0.3549	0.2598	0.0617	-0.3302
PY01329	0.3568	0.18	0.2903	0.0768	0.2448	0.4494	0.0892	0.059	0.0994	0.1217	0.0609	0.1318
PY06737	-0.3177	-0.2687	-0.0471	0.513	0.3831	0.0638	-0.1155	-0.0886	-0.3437	0.0905	0.4581	0.0519
PY03810	0.5429	0.3502	0.4423	0.0118	-0.0437	0.204	0.3869	-0.1289	0.2203	-0.0298	-0.3633	0.5036
PY02060	0.8156	0.0105	0.1645	0.1422	0.0671	-0.0112	0.3453	-0.1417	0.3051	0.0863	0.0155	0.1501
PY05107	-0.1139	-0.0022	-0.0724	-0.4145	-0.2856	-0.3219	-0.1813	-0.0809	-0.2804	-0.1453	0.1348	-0.1253
PY00619	0.3968	0.1437	0.6074	-0.0218	0.0993	0.208	0.1844	-0.1513	-0.2504	-0.3519	-0.3758	0.0488
PY02868	0.085	0.0496	0.0772	0.3303	-0.1098	0.2671	0.0311	0.1205	-0.9389	0.1403	-0.2589	-0.6835
PY00153	-0.604	-0.2394	-0.2021	-1.2407	-0.4771	-0.1365	0.0644	-0.1084	0.1858	-0.577	-0.0757	-0.2982
PY02619	0.2406	-0.0476	-0.1211	0.3215	0.1384	0.0197	-0.2696	0.0131	-0.2034	0.2181	0.1869	-0.0812
PY00918	-0.1427	-0.1027	0.3409	-1.7989	-1.3385	0.1871	0.4059	0.0892	0.8538	-0.4279	-0.2317	1.0359
PY03906	0.3363	0.2446	0.0929	0.031	-0.9928	-0.4491	0.06	0.1855	0.2213	-0.4667	-0.5738	0.1579
PY02580	0.5093	0.5353	0.2916	-0.3662	-0.5272	-0.2469	-0.5522	-0.4252	-0.455	-0.7439	-0.1498	-0.5067
PY04117	-0.597	-0.067	0.0906	-0.8496	-0.5502	-0.5309	-0.3871	-0.0886	-0.1908	-0.016	0.2915	-0.3131
PY02840	-0.0435	0.2558	0.3151	0.5095	-0.0591	-0.4571	-0.1396	-0.1068	0.1293	0.0087	0.2546	0.4391
PY04643	0.1766	-0.1115	-0.311	-0.5154	-0.5141	-0.1047	-0.2058	-0.2437	-0.1369	-0.2338	-0.0836	-0.051
PY04372	-0.1743	-0.6829	-0.6636	-0.1611	-0.1469	-0.0938	-0.6713	-0.0596	-0.3137	-0.1511	0.0464	-0.262
PY05262	-0.7283	-0.2445	-0.2135	-0.4462	-0.3243	-0.1747	0.1389	0.2053	0.1494	-0.1659	0.5453	-0.2796
PY04925	0.0655	-0.1357	-0.2945	-0.0863	-0.5737	-0.2811	-0.3393	0.0587	-0.0794	0.1831	-0.4335	0.0314
PY07092	-0.6266	-0.241	-0.5758	0.1731	0.0922	0.3361	0.4299	0.4684	-0.4826	0.3663	0.1323	-0.0354
PY04940	-0.6261	-0.3851	-0.6273	-0.4615	0.0317	-0.1267	-0.1051	0.2274	0.1995	0.4447	0.44	-0.1856
PY04700	-0.8771	0.3431	0.5999	-0.3156	0.3403	0.0575	0.1971	-0.1053	-0.2153	-0.373	0.3818	-0.1507
PY06969	-0.5731	-0.1615	-0.1351	0.6772	-0.0939	-0.3312	-0.0259	0.118	0.0142	0.1754	0.5494	0.1344
PY00195	-0.4438	-0.213	-0.1134	0.0888	0.3371	0.0787	-0.0555	0.1163	-0.1729	0.0154	0.3102	0.1841

PY07493	-0.0584	0.008	-0.3246	0.649	0.6136	0.1057	-0.1843	0.5108	-0.0726	-0.0215	0.5783	0.2125
PY03196	-0.0996	-0.0034	-0.3324	-0.2203	-0.312	-0.1421	-0.2762	0.0507	-0.1221	0.0788	-0.3801	-0.0839
PY02831	0.113	-0.0556	-0.382	0.4683	0.3887	0.0489	-0.1542	0.2816	-0.1619	0.7203	0.0782	-0.1493
PY05060	0.5736	0.4664	0.1419	-0.1474	-0.089	-0.0922	0.1856	-0.1106	0.0256	-0.4478	-0.4565	0.0356
PY05707	0.0884	0.2295	0.0335	-0.4472	-0.556	-0.1926	-0.1709	-0.0793	-0.2196	-0.5796	-0.0529	-0.5506
PY06013	-0.5441	-0.1686	-0.2886	0.0282	0.2397	-0.1041	-0.1847	-0.2075	-0.2735	-0.2754	-0.2819	-0.1099
PY01755	-0.1653	-0.1528	-0.5902	0.1198	0.1448	-0.3998	-0.3869	0.1106	-0.2244	0.0896	0.243	-0.5907
PY06519	-0.0454	-0.0926	-0.3793	0.1449	0.3945	-0.1675	-0.3303	0.0086	-0.0546	0.5121	0.348	0.0521
PY03648	0.0205	0.246	0.1525	0.245	-0.1716	-0.253	0.0106	0.0443	0.2773	-0.2951	0.1852	0.0084
PY04136	-0.09	-0.0567	0.2792	-0.0205	0.2388	0.2622	0.235	-0.0229	0.2048	-0.2476	-0.2063	0.2218
PY06555	0.363	0.2267	-0.1183	-0.01	-0.1654	-0.1169	-0.414	-0.1908	-0.2545	-0.0607	-0.3527	-0.2841
PY03999	0.9839	0.3242	0.3466	0.0652	-0.1379	-0.0132	0.0603	-0.4075	-0.1708	-0.2096	-0.7294	0.0989
PY00461	0.0968	-0.0856	0.0509	0.5085	0.5062	0.1453	0.1522	0.2125	-0.1928	0.5591	0.2138	0.3703
PY02175	-0.0766	0.1532	0.0664	-0.2867	-0.2169	0.2123	0.1205	-0.1019	0.087	-0.1864	-0.2373	-0.105
PY03458	-0.7905	0.0474	-0.0245	-0.3106	0.0532	-0.2321	-0.1194	0.2321	0.0296	0.2073	0.7464	-0.0732
PY05949	0.5594	0.0395	0.0314	1.0947	1.138	1.1689	-0.1463	0.6433	-0.5285	0.9525	0.9297	0.1732
PY06571	-0.3728	-0.0923	-0.1637	-0.4633	-0.5036	-0.1964	-0.0056	0.0722	0.1602	-0.6815	-0.1255	0.1208
PY00354	-0.0443	-0.3348	-0.6115	-0.5395	-0.2389	-0.1298	0.1848	0.167	0.4099	0.0307	0.0136	0.352
PY00570	-0.7384	-0.0222	-0.1097	-0.1352	-0.0816	0.1945	0.2444	0.573	0.1339	0.3241	0.768	-0.0969
PY07121	-0.4748	-0.3115	-0.1498	0.0132	0.0889	-0.3208	-0.3188	-0.1637	-0.1511	0.3998	0.258	0.0798
PY05467	-0.1402	-0.1277	-0.367	0.1507	0.4229	0.265	0.1015	0.1374	-0.2315	-0.1335	0.2094	-0.0534
PY01906	0.4581	0.2067	0.1157	0.1317	0.1866	-0.0141	-0.0965	-0.0686	-0.2654	0.2809	-0.3708	0.1437
PY06396	-0.7513	-0.3695	0.2301	-0.7863	-0.7074	-0.6444	-0.5327	-0.1578	0.2486	0.1651	0.9163	-0.4828
PY00789	0.5638	0.1642	0.3946	0.549	0.7317	0.4425	0.0612	-0.1605	-0.334	0.0107	0.0825	0.0612
PY01020	0.4766	0.1195	0.4819	0.3709	-0.2601	-0.2034	0.6293	0.2148	-0.3001	-0.3421	0.1507	0.2553
PY04494	-1.19	-0.3058	0.0965	0.6576	-0.1889	-0.0393	-0.1555	0.0432	0.0489	-0.0038	0.4552	-0.3743
PY03516	0.5388	0.1733	-0.294	0.1998	0.1675	-0.089	-0.0249	0.1103	-1.1439	0.0482	0.1858	-0.2119
PY02428	-0.6804	-0.5369	0.2675	0.599	0.1187	0.1516	0.1815	0.2499	-1.6556	-0.113	-0.2568	-0.7623
PY05460	0.2946	0.131	0.2637	0.6417	0.3789	0.5123	0.1782	0.2895	-0.6258	0.6438	-0.3241	-0.0536
PY07469	0.1174	0.1612	0.0345	-0.566	-0.2974	-0.2201	0.0298	-0.1511	0.0332	-0.1852	-0.2304	0.1264
PY05170	-0.4324	0.0964	-0.4229	1.1205	0.4865	0.2327	-0.0933	0.8976	-0.0798	0.9655	0.4186	-0.122
PY06440	0.215	-0.1093	-0.1827	0.3163	0.3336	0.0108	-0.1456	0.1336	-0.146	0.3803	0.0789	-0.0052
PY07289	-0.3479	0.0311	0.1209	-0.2749	-0.6789	-0.0845	0.0877	0.2124	0.2078	-0.631	-0.0132	-0.0215
PY05783	0.2396	0.2363	0.1738	1.4105	1.2581	1.4634	0.4234	1.0873	0.1548	1.545	1.3813	0.7258
PY03241	-0.9225	-0.0925	0.1668	-0.4221	-0.1691	0.0982	0.0665	0.1564	-0.1457	0.1187	0.2099	-0.2938
PY05133	0.9885	0.5825	1.0732	0.5992	-0.5118	0.196	0.4205	-0.0308	0.3094	-0.6881	-0.7087	0.2037
PY04794	-1.3251	-0.3182	-0.3703	-0.6075	0.1167	-0.2191	-0.1223	-0.2236	-0.308	-0.5313	0.1573	-0.4891
PY01145	-0.5095	-0.3844	-0.241	-0.5047	-0.2093	-0.3049	-0.0217	-0.0495	0.189	-0.1677	-0.0585	0.2515
PY07157	-0.507	0.0025	0.0052	-0.5787	-0.0782	-0.1708	-0.2872	-0.1945	-0.4057	-0.2547	0.108	-0.4101
PY02275	-0.7423	0.0237	0.0509	-0.0887	-0.471	-0.1542	-0.1449	0.1564	0.0834	-0.0746	0.2219	-0.1537
PY03284	0.1734	-0.2255	-0.9977	-0.2157	-0.0778	-0.2011	-0.2556	-0.0978	-0.0088	0.0193	0.0986	-0.001
PY01646	0.4719	0.4986	0.6887	0.3747	-0.4655	0.3308	0.3651	0.0479	0.2645	0.0899	-0.7993	0.3076
PY01461	0.0629	-0.0416	-0.1343	-0.5575	0.1668	-0.2241	-0.0191	-0.3494	-0.1221	-0.2487	-0.2894	-0.0333
PY05000	-1.0532	-0.1195	-0.1923	-1.341	-0.9925	-0.47	0.0757	0.1796	0.0816	-0.6355	0.289	-0.4612
PY05674	0.1265	0.1953	-0.473	-0.1116	-0.3174	-0.15	0.4682	0.3261	0.3474	-0.0879	-0.1551	0.3325
PY05603	-0.2962	-0.0801	-0.2416	0.4411	0.3325	-0.1709	-0.156	0.0727	-0.022	0.3916	0.1097	-0.0447
PY04364	0.453	-0.2244	-0.5821	-0.1441	0.0088	-0.1863	-0.1905	-0.2661	-0.2549	-0.0474	-0.2449	-0.0553
PY01973	-0.0359	0.0352	-0.0936	-0.1284	#####	-0.2743	-0.221	-0.3024	-0.2442	-0.2315	0.1064	-0.1471
PY05727	0.333	0.1067	0.3463	-0.0548	-0.0788	-0.056	-0.0676	-0.1045	-0.2837	-0.0152	-0.2627	0.0722
PY01579	-0.2349	-0.04	-0.189	0.13	0.4154	0.1039	-0.1111	0.2377	-0.0701	0.4412	-0.0744	-0.076
PY04227	-0.0613	-0.2294	-0.0741	0.0071	-0.1259	-0.1734	-0.123	-0.0623	-0.1057	0.5669	-0.0034	0.1209
PY01279	-0.4196	-0.2598	-0.6736	-0.393	-0.2069	0.1381	-0.067	-0.3707	-0.4483	-0.5932	-0.3321	0.0533
PY05583	0.4819	0.5674	1.171	0.0228	-0.5915	0.1426	0.4607	-0.3231	0.3928	-0.1845	-0.6904	0.1228
PY00589	0.8962	0.3268	0.1804	-0.2985	-0.269	0.4279	0.492	-0.0769	0.099	0.0299	-0.0954	0.2096
PY03060	-0.6011	-0.6146	-0.9905	-0.7439	-0.6743	-0.0809	0.1485	0.5277	-0.2392	0.2701	0.2893	0.2617
PY04813	-0.0954	0.0649	-0.0202	-0.3459	-0.3321	0.0319	0.0929	-0.2128	-0.0921	-0.0267	-0.3111	-0.1457
PY02995	0.4962	-0.1793	0.3295	-0.4312	0.1037	-0.0843	-0.1269	-0.2685	-0.0703	0.3525	0.1588	0.3565
PY00797	0.5066	-0.113	-0.4119	-0.4622	-0.4426	-0.3604	-0.3191	-0.0109	-0.0069	0.1911	0.1457	-0.2054
PY04664	0.0926	-0.0006	0.2802	0.2015	0.024	0.067	-0.0745	-0.2606	-0.052	-0.022	-0.0292	-0.1107
PY03661	-1.0108	-0.2619	0.0609	0.2647	-0.0384	-0.2045	-0.179	0.2383	-0.0782	0.2148	0.3099	-0.3967
PY06471	-0.4815	-0.2192	-0.0384	0.7485	0.4436	0.0514	-0.0583	0.3957	-0.0814	0.1741	0.9342	-0.0164
PY05159	-0.7814	-0.2879	-0.4095	-0.3297	-0.5407	-0.2297	-0.3953	-0.0686	0.0739	-1.3014	0.1849	0.2086
PY02861	-0.5953	0.1003	-0.0049	-0.3847	-0.1985	0.0013	0.2053	0.1889	0.2339	0.7052	0.1295	0.1694

PY06627	-0.3694	0.0736	0.2017	-0.0552	0.2451	0.0072	-0.0222	0.3158	0.0706	-0.1818	0.4816	-0.2386
PY07482	0.3901	0.2898	-0.0282	0.608	0.0594	-0.0533	-0.1605	-0.3003	-0.1141	-0.1579	-0.2917	-0.1543
PY02485	-0.7917	-0.3304	0.0528	-0.3718	-0.3231	-0.3491	0.3758	0.0509	0.6183	0.0368	0.1316	0.7885
PY02335	-0.6296	0.0247	0.2314	0.2768	0.3041	0.1148	-0.2241	0.155	-0.0498	0.4988	0.5951	-0.1607
PY00221	-0.6203	-0.1635	-0.0992	-1.2815	0.2542	0.1911	0.1079	-0.1998	-0.3072	-0.2793	-0.2143	-0.0387
PY06651	-1.1486	-0.2997	0.1151	-0.0013	0.0027	-0.172	-0.3134	-0.1084	-0.2517	-0.6229	0.4644	-0.7735
PY03688	-0.6446	-0.1584	0.1724	-0.2707	-0.1718	0.3805	0.1526	0.2005	-0.0512	-0.5555	-0.1231	-0.3226
PY03255	0.3965	0.1635	-0.0345	-0.0445	-0.1897	-0.1808	0.133	-0.2171	0.0377	-0.2612	-0.3257	0.2849
PY04947	-0.123	-0.0434	-0.1198	-0.0762	0.0152	-0.1372	-0.2851	-0.0894	-0.2822	-0.2951	-0.2651	-0.0018
PY01567	-0.0888	0.1471	-0.1582	0.0896	-0.0843	-0.3322	-0.1383	-0.0176	-0.2391	-0.0788	0.0383	0.2916
PY04559	-0.3174	0.2101	0.4837	0.597	0.6113	0.3385	-0.0497	0.2761	0.0821	0.3618	0.36	-0.1427
PY07272	-0.57	-0.2316	0.1061	-0.9685	-0.8031	-0.2582	-0.1178	0.1074	0.3536	-0.1309	-0.3699	-0.0222
PY05368	0.6767	0.0565	0.3092	0.1692	1.3897	0.097	0.0148	-0.4128	-0.3263	-0.0501	-0.3748	0.1699
PY03220	0.0917	-0.0324	-0.3115	0.0165	0.3505	-0.0743	0.1278	-0.154	-0.1597	0.0213	0.1613	0.1969
PY05627	-0.0138	0.1008	0.0585	-0.1553	0.102	0.2595	0.2177	-0.1312	-0.033	0.0231	-0.3957	0.1556
PY01698	0.2089	0.2773	0.4534	-0.4028	-0.1177	0.4935	0.6023	-0.021	0.084	-0.0352	-0.465	0.3004
PY01337	-0.5278	-0.3603	-0.106	-0.0016	-0.0396	-0.0757	0.0805	0.1384	-0.0538	0.3087	0.399	0.3952
PY02408	-0.7317	-0.0313	-0.0274	-0.3241	-0.8278	-0.5892	-0.178	0.0013	0.2341	-0.1378	0.0446	-0.2362
PY04475	0.1162	0.3701	0.1569	0.6759	-0.7411	0.0673	-0.284	0.1589	0.0049	0.0356	0.1742	-0.4878
PY01167	0.086	-0.1573	-0.0884	0.0174	-0.1186	-0.0799	-0.325	-0.1965	-0.1505	-0.2028	-0.2098	-0.1145
PY01412	0.6329	-0.1393	-0.0808	0.0992	0.0596	0.2399	-0.1136	0.0093	0.0096	0.3224	-0.0806	-0.0153
PY06785	-0.7729	-0.5273	-0.4975	0.1272	0.3869	-0.1837	-0.0703	0.0763	0.0553	-0.2141	0.3496	-0.0304
PY03482	0.0807	0.1747	0.2347	-0.1252	-0.2931	-0.2007	0.0781	-0.2486	0.1895	-0.3245	0.199	0.1456
PY01732	-0.0322	-0.0091	0.0772	-0.407	-0.1881	0.0582	0.0192	-0.0462	-0.004	-0.1763	0.0994	0.0493
PY07379	0.2952	-0.0885	0.3025	-0.0761	0.3165	0.5743	-0.0786	0.0318	-0.0887	-0.149	-0.6274	-0.2619
PY04944	-0.0872	0.0083	0.109	-0.4327	0.162	0.0952	-0.1406	-0.3079	-0.1102	-0.1157	0.129	-0.2332
PY02775	0.276	-0.0034	0.0192	-0.1961	0.0075	-0.2711	-0.2512	-0.2063	-0.1221	-0.6466	0.4158	-0.3006
PY04443	0.0752	-0.168	-0.0665	-0.1335	0.8054	-0.2786	-0.1291	-0.1077	-0.3138	0.0298	0.1776	0.0148
PY02359	0.3385	-0.0649	-0.1492	-0.6131	0.0842	-0.2963	0.0208	-0.2627	-0.563	-0.646	-0.2674	-0.0353
PY07825	0.4482	-0.0273	0.1686	0.4848	0.017	0.1724	0.2119	-0.1459	0.0374	-0.0363	-0.6902	0.1712
PY02073	-0.0274	0.0291	0.1086	0.4877	0.1345	-0.2663	-0.258	0.3972	-0.1945	0.6417	0.4209	-0.2802
PY02780	0.3174	-0.0328	0.0908	0.179	0.037	0.1257	-0.0993	-0.088	-0.2822	-0.7271	-0.1225	0.0477
PY00117	0.3585	0.0621	0.0643	0.5223	0.2664	-0.0538	0.0406	-0.4216	-0.5097	-0.479	-0.6194	-0.3668
PY03772	-1.2298	-0.4611	-0.265	-0.017	-0.2672	-0.4518	-0.3582	0.0911	-0.1654	0.0881	0.7018	-0.0155
PY05099	0.0726	0.0492	-0.0517	0.5782	0.3475	0.0612	0.2538	0.1692	-0.411	0.6123	-0.0354	-0.0502
PY02228	-0.3339	-0.6094	-0.3388	-0.494	0.2814	-0.0083	0.0559	0.3004	0.1096	-0.0944	0.3914	-0.2405
PY04527	-0.6647	-0.5406	-0.521	-0.251	-0.7362	-0.2989	0.1271	0.5729	0.6406	-0.7547	0.4658	-0.2679
PY04581	0.1766	0.1101	-0.3345	0.2316	0.3541	-0.3317	-0.5275	-0.349	-0.3421	0.1712	-0.0981	-0.4889
PY06645	-0.9583	-0.2192	0.1114	0.108	0.4958	0.9983	0.2386	0.6852	0.3896	-0.0235	1.1478	-0.4395
PY01748	0.2224	0.0904	0.0877	0.3495	0.1585	-0.6815	0.0398	0.282	0.0317	0.0611	0.0625	-0.0029
PY06330	-0.3198	0.2995	-0.4151	-0.0622	0.6026	0.4978	0.145	0.2418	-0.1387	0.081	0.1393	-0.5045
PY07244	0.1768	0.0837	-0.0021	-0.1371	-0.0696	0.3429	0.331	0.1464	0.1202	0.1849	1.2646	-0.2552
PY00759	0.0898	0.0019	-0.1967	0.5279	0.0293	0.0637	-0.145	0.0928	0.0304	0.5874	-0.1775	-0.4236
PY01453	-0.0607	0.1413	0.3139	0.4062	0.1893	0.1449	0.1132	0.0146	-0.0667	0.0853	-0.1734	0.2083
PY04739	-0.3558	-0.2162	-0.2747	-0.1048	-0.136	0.2535	0.0428	-0.0076	-0.1986	0.104	-0.1892	0.0168
PY02190	1.1177	0.416	0.6506	0.5584	1.0337	-0.2148	0.0891	-0.4391	0.0154	-0.4857	-1.1422	0.2246
PY06822	-1.1833	-1.2368	-0.8975	-0.2118	-0.0168	-0.0195	0.0053	0.2116	0.3005	0.0585	0.5755	-0.2642
PY00346	-0.331	0.1971	0.0129	-0.3533	-0.4917	-0.13	-0.1699	0.1034	0.1877	-0.7098	0.296	-0.3259
PY01894	0.3118	-0.0481	0.2763	0.1619	0.0701	-0.0554	-0.1403	-0.2335	0.4546	-0.1948	0.0129	0.1581
PY02787	-0.019	0.0287	0.1226	-0.0179	-0.1056	0.1602	0.0599	-0.0361	0.0559	-0.3452	-0.2807	-0.1037
PY06912	0.6368	0.4727	0.0395	-0.2297	-0.2485	-0.1796	0.2273	-0.0232	0.3726	-0.1658	0.319	0.4166
PY03560	0.2029	0.0655	-0.001	-0.2125	-0.2053	-0.2536	-0.0206	-0.0808	-0.0755	-0.1376	0.0765	-0.0732
PY06434	-0.2235	-0.3818	-0.0802	-0.2249	-0.0597	-0.0909	0.2302	0.0399	0.2557	-0.2432	-0.141	0.0379
PY00995	-0.0525	0.0411	-0.2371	0.3333	0.242	0.3132	-0.219	0.0755	-0.3955	0.548	-0.1067	-0.2558
PY07584	-0.3319	-0.0362	-0.2291	-0.0886	-0.2044	0.3804	0.3183	0.3769	0.28	-0.0056	-0.2624	-0.1725
PY05978	-0.1841	-0.1063	0.0875	0.3675	0.5944	0.52	-0.0093	0.0556	-0.0813	-0.0707	-0.0577	-0.2568
PY03302	0.2579	0.3717	0.1565	-0.6569	-0.2978	-0.3873	-0.2079	-0.4981	-0.3006	-0.4028	-0.3154	-0.2655
PY01813	0.2823	0.0127	0.4404	-0.0358	-0.1592	-0.2112	0.1864	-0.1564	0.0771	-0.37	0.1683	0.1464
PY03376	-0.426	-0.0733	-0.2933	-0.3341	0.5823	0.4362	0.2806	0.0211	-0.3042	-0.2059	-0.2155	-0.3278
PY03107	-0.3224	-0.059	0.0365	0.1888	-0.0209	-0.0757	-0.1545	0.0952	0.1214	0.0377	-0.0252	0.0618
PY05475	0.518	0.3505	-0.0549	0.7067	0.3382	0.2151	-0.1357	0.1183	0.0078	0.6535	-0.0138	-0.5027
PY03653	0.4675	0.3112	0.2441	-0.3131	0.2546	-0.0087	0.2691	-0.113	0.0953	-0.4448	-0.0396	0.2507
PY00696	-0.9465	-0.1617	-0.5765	0.122	-0.3183	-0.04	-0.0941	0.28	-0.0114	0.4359	0.4892	-0.0534

PY04751	-0.045	-0.3463	-0.4082	0.0654	0.0807	0.0795	0.1882	0.0024	0.1732	0.3447	0.037	0.2021
PY06305	-0.1119	0.2036	-0.1106	-0.2853	-0.0727	0.1369	0.19	-0.4898	0.0121	-0.5489	-0.2323	-0.125
PY06423	0.4486	0.2463	-0.0138	-0.3967	-0.0875	-0.1217	0.2213	-0.2646	0.0998	-0.462	0.3436	0.671
PY02970	0.4224	0.2323	0.3086	0.2246	0.2465	-0.0745	-0.0115	-0.3383	-0.3778	-0.2048	-0.0423	0.1445
PY06038	0.5351	-0.0171	0.0485	0.4557	-0.0187	-0.0012	0.757	0.2846	-0.2042	1.1439	-0.2404	0.5297
PY00908	-0.0295	-0.2061	-0.2951	-1.3642	-0.3597	-0.3601	-0.2279	-0.2486	-0.2163	-0.5768	-0.0911	0.0554
PY03797	-1.3878	-0.3843	-0.0172	0.4136	-0.2639	-0.063	-0.1792	0.5528	0.1602	0.1531	0.8148	-0.1478
PY00136	0.1704	0.1248	0.3103	0.4632	-0.5269	0.0794	0.1548	-0.0563	-0.015	-0.2148	-0.5493	-0.0924
PY02372	0.0148	0.0735	-0.1527	0.047	-0.0932	-0.0085	0.2164	0.2613	0.6225	0.3416	0.0137	0.3722
PY01530	-0.5916	-0.4004	-0.2359	0.0213	-0.2583	-0.0815	0.0964	0.2457	0.2521	-0.1724	0.7269	-0.2512
PY03046	0.2085	-0.2201	0.0736	-0.1463	-0.0062	-0.2769	0.1077	-0.0336	-0.0157	0.0308	0.24	0.1299
PY03288	-0.1944	-0.5086	-0.4655	-0.4504	-0.2724	-0.5318	-0.2248	-0.1889	-0.2136	0.2862	0.6095	-0.0461
PY03207	-0.3149	-0.0978	-0.0614	-0.0852	-0.0715	0.4985	0.0919	-0.0344	-0.1858	-0.3795	-0.2053	-0.4807
PY01438	0.14	0.0179	0.3756	-0.1042	-0.103	0.5911	0.2762	-0.087	-0.3653	-0.4719	-0.3769	-0.2154
PY02081	0.347	0.2253	0.489	-0.4577	-0.1588	-0.0119	0.4102	-0.2535	0.2603	-0.3514	-0.1646	0.374
PY04886	-0.6297	-0.3783	-0.5903	-0.0096	0.1175	-0.2307	-0.2755	0.1158	0.0094	0.2145	0.3321	-0.1772
PY00163	0.6574	0.2025	0.2753	0.336	-0.0581	0.4326	0.1463	-0.214	-0.1509	-0.0692	-0.2842	0.2205
PY02343	-0.7779	-0.286	-0.5911	0.8053	-0.0828	0.0416	0.0495	0.204	0.2145	0.3802	0.0417	0.2115
PY04507	0.6742	0.2655	0.3078	0.0404	0.195	-0.2194	-0.0514	-0.3565	-0.1633	-0.2305	-0.2356	0.1219
PY01574	0.354	0.2383	-0.0972	0.5275	0.1797	-0.0381	-0.1695	-0.1452	-0.3767	-0.3962	0.1127	-0.3406
PY06845	0.3067	0.2058	0.1121	-0.1742	-0.047	0.0672	-0.1399	-0.0804	-0.1369	-0.1205	-0.1103	0.144
PY04970	0.6808	0.1007	0.2402	0.4277	-0.0913	0.0355	-0.0207	-0.0843	-0.2317	-0.4686	-0.4453	-0.0928
PY04741	0.1625	-0.0294	-0.1443	0.2247	0.0761	-0.0297	-0.2184	0.158	-0.174	-0.025	-0.0721	-0.6331
PY05614	-0.8967	-0.5171	-0.2042	0.4692	0.4896	0.1223	-0.0427	0.0559	0.1554	0.5673	0.4254	0.2876
PY02026	0.0508	0.2055	0.2889	-0.1133	-0.1362	-0.2736	0.1614	0.1045	0.1221	0.0991	-0.0589	0.2059
PY00273	-0.6603	-0.4565	-0.4537	-0.1867	0.021	-0.0606	0.0995	0.3341	0.2197	0.0623	-0.0813	-0.176
PY03266	0.313	0.1439	0.454	-0.5143	-1.0737	0.1788	0.4637	0.0999	0.3774	0.1811	-0.0148	0.5115
PY04505	0.582	0.0894	0.0533	0.5736	-0.2661	-0.2011	-0.3106	0.3887	0.2888	-0.0567	-0.8716	-0.1208
PY07008	0.3023	0.3944	0.2674	-0.227	-0.0402	-0.2052	-0.1105	-0.313	0.0579	0.0582	-0.0224	0.2962
PY01272	0.1671	0.0176	-0.2523	-0.3818	0.1711	0.21	0.0752	-0.19	-0.2288	-0.2598	-0.3705	0.0963
PY01533	0.4773	-0.0502	0.1422	0.5117	0.848	0.1373	-0.1528	0.0992	-0.2196	0.2587	0.5424	0.1775
PY06611	-0.6484	-0.4192	-0.3853	0.0644	-0.1547	0.0377	-0.0668	0.2068	0.2352	-0.6676	0.0765	0.1478
PY05954	-0.0913	0.0313	-0.121	2.3846	-0.7245	-0.4633	0.0474	-0.1057	0.4111	0.1279	-0.2932	0.4717
PY04699	-0.1252	-0.2748	-0.5083	-0.1585	0.0571	-0.2838	-0.3161	-0.3383	-0.4132	-0.3948	-0.6195	0.0559
PY05457	0.8186	0.3199	0.7514	0.4378	0.1152	0.0787	0.343	-0.1559	0.0477	-0.2908	-0.228	0.3915
PY03794	0.215	-0.0424	0.1079	-0.5824	-0.296	-0.5039	-0.1654	-0.3442	-0.1071	-0.3508	-0.141	0.1794
PY04034	0.2467	0.2927	0.1759	-0.3544	-0.1239	0.4364	0.5941	-0.1676	0.2933	-0.0091	-0.716	0.3631
PY05840	-0.3998	-0.1583	-0.2771	-0.2183	-0.0058	-0.4098	-0.1724	-0.0034	-0.0548	0.0045	0.2043	0.1735
PY05881	0.313	0.1606	0.3526	0.304	-0.0539	-0.0746	-0.0671	-0.3049	-0.1886	-0.1823	-0.3333	-0.146
PY01440	-0.2441	-0.0151	-0.102	-0.1037	0.1223	-0.1014	0.2075	0.1155	0.086	0.1384	0.073	0.0797
PY06108	-0.9711	0.0099	-0.0264	-0.1327	0.1213	-0.1753	-0.1643	0.2148	0.1516	0.4816	0.3112	-0.1
PY00581	-0.1912	-0.2615	-0.9362	0.4308	0.7567	0.105	-0.2613	-0.1146	-0.3839	0.2326	-0.0246	-0.1205
PY06114	0.1406	-0.2797	-0.3432	0.4139	0.3934	0.0894	-0.131	-0.0068	-0.5135	0.245	0.0809	-0.0309
PY00905	-0.4855	-0.4474	-0.6659	0.0501	0.2418	-0.4541	-0.4843	0.0172	0.3176	0.6261	0.5066	0.3142
PY02887	0.3748	-0.072	0.0441	0.496	0.3016	-0.0073	-0.2145	-0.3394	-0.3958	-0.6109	-0.4106	-0.1991
PY04608	0.9701	0.7352	0.6771	0.3539	-0.3195	0.2451	0.2052	-0.2338	-0.756	-0.3835	-0.3077	-0.0559
PY03461	0.3238	0.0891	0.4218	0.1151	-0.2957	-0.2389	-0.1808	-0.4131	-0.2	-0.3067	-0.5202	-0.1846
PY05400	-0.6664	0.0567	0.549	-0.2808	-0.7069	-0.1206	0.2121	0.2748	0.2518	-0.2049	0.2691	-0.2296
PY03100	-1.2277	-0.4604	-0.3855	-0.3673	-0.7382	-0.378	-0.0348	0.4614	0.4607	-0.8667	0.197	-0.2908
PY00939	-1.2317	-0.2053	-0.5292	0.1388	-0.4957	-0.0108	0.0337	0.2144	0.2345	0.1755	0.3247	-0.0839
PY04936	-0.3125	-0.1517	-0.1966	-0.1517	0.2573	-0.351	-0.2413	-0.1666	-0.2251	-0.0642	0.051	0.0812
PY03717	0.8019	0.419	0.7312	0.3362	-0.619	0.4723	0.9473	0.0345	0.5636	0.0832	-0.9606	0.4505
PY03666	0.5722	0.1676	0.436	-0.1499	-0.2004	0.0789	0.121	-0.22	0.0096	-0.1908	-0.8023	0.317
PY06970	0.1333	0.1321	0.2359	0.3464	0.0488	0.1414	0.0206	-0.0383	-0.1486	0.1113	0.3044	-0.2116
PY01506	-0.2625	-0.2348	-0.1566	-0.4223	-0.0732	-0.1017	0.0564	-0.3412	-0.0739	-0.2302	-0.1733	0.2848
PY05491	-0.6023	-0.0944	-0.2105	-1.1416	-0.3192	0.3448	-0.0112	0.3467	0.1667	-0.2946	0.1931	-0.5273
PY00132	-1.0099	-0.4267	-0.191	-0.1001	-0.1468	-0.1277	-0.2576	0.1447	0.0063	0.5591	0.6026	-0.0249
PY03645	0.5607	0.4048	0.4382	0.0501	0.4243	0.4393	0.1317	0.0432	-0.4859	0.0215	0.0149	0.009
PY04248	-0.0273	0.2264	0.1496	-0.5033	-0.0669	-0.1869	-0.1069	-0.5932	0.0725	-0.0728	-0.2819	0.2994
PY04562	-0.3054	-0.0283	-0.2515	0.0584	-0.45	-0.4583	-0.1452	-0.1285	0.3518	0.4627	0.1682	0.1087
PY05939	0.0603	0.21	0.2559	-0.7611	-0.4409	-0.4002	-0.1135	-0.1064	0.1136	-0.4338	0.0941	-0.1641
PY07659	0.2542	0.0041	-0.0028	0.0507	0.2513	0.1406	0.0097	-0.1594	-0.0555	-0.6736	0.1636	0.2419
PY04993	-0.6691	-0.3223	-0.2072	-0.1972	-0.1091	-0.3285	-0.2256	-0.0402	0.019	0.4006	0.0621	0.0789

PY01215	0.2541	-0.4156	-0.103	-0.3401	0.125	-0.2939	-0.4879	-0.1126	-0.3155	-0.3038	-0.2073	0.2188
PY01708	-0.3415	-0.0379	0.2859	0.2271	0.3902	0.4816	0.3477	0.2201	0.0784	0.1345	-0.0601	0.0652
PY01125	-0.3446	-0.2454	0.2192	-0.1959	0.2375	0.3392	0.5742	0.0281	-0.3263	0.1477	0.2488	-0.0203
PY05379	-0.4316	0.0934	0.2141	-0.1136	0.4761	0.4267	0.3138	0.0377	0.2582	0.125	0.3936	-0.0543
PY07336	-0.7356	0.025	0.4284	0.1956	-0.5534	-0.1428	-0.4153	-0.0584	0.0006	0.1866	0.1178	0.0377
PY03308	0.2875	0.0439	-0.2037	-0.2158	-0.2106	-0.1053	-0.0256	-0.2243	0.0351	-0.1316	0.0479	0.2332
PY02162	-0.0134	0.2294	0.3626	0.0667	-0.1834	0.1182	0.3629	0.2862	0.5315	0.3323	0.1348	0.5737

Supplementary Table 2: Adjusted phase Ph and Ds scores for 2312 syntenic orthologs present in all six *Plasmodium* species.

Orthologs of species with the most divergent expression timing, or *Ph* are denoted as first outlier (outlier1) as highlighted in green. Ds5 was recalculated by removing the outlier1 *Ph* value. The second most divergent *Ph* is denoted as second outlier (outlier 2) as highlighted in yellow. Ds4 was recalculated by removing the outlier1 and outlier2 *Ph* value. The corresponding outlier species are listed next to each outlier *Ph* values.

pf gene ID	pk gene ID	pv gene ID	py gene ID	pb gene ID	pc gene ID	pf adj. phase	pk adj. phase	pv adj. phase	py adj. phase	pb adj. phase	pc adj. phase	Ds6	Ds5 (exclude outlier1)	outlier1 adj. phase	outlier1 species	Ds4 (exclude outlier1 & 2)	outlier2 adj. phase	outlier2 species
MAL13P1.103	PKH_141860	PVX_122785	PY06278	PBANKA_141790	PCHAS_141970	4.37082	4.64303	4.88369	3.37733	5.05669	4.72439	0.37893	0.1853039	3.37733	py	0.1485541	5.056688	pb
MAL13P1.111	PKH_141910	PVX_122815	PY03872	PBANKA_141840	PCHAS_142020	4.81838	3.60117	3.14525	5.00597	3.83505	4.10638	0.55821	0.4776233	3.14525	pv	0.3721327	5.005968	py
MAL13P1.113	PKH_141950	PVX_122835	PY07140	PBANKA_141880	PCHAS_142060	2.9007	4.48103	5.69182	3.05548	3.66266	3.16912	0.78503	0.4375018	5.69182	pv	0.5184662	3.055478	py
MAL13P1.117	PKH_142040	PVX_122880	PY03989	PBANKA_141970	PCHAS_142150	0.31904	5.72425	4.22804	5.96618	3.37402	4.66767	1.00382	0.7345374	3.37402	pb	0.6540284	4.667674	pc
MAL13P1.119	PKH_142060	PVX_122890	PY01857	PBANKA_141990	PCHAS_142170	5.68447	0.20702	5.98052	4.97703	5.19905	0.27752	0.52848	0.4334765	4.97703	py	0.346479	5.199055	pb
MAL13P1.120	PKH_123140	PVX_116785	PY05435	PBANKA_133710	PCHAS_134170	2.47651	2.4844	2.392	1.82411	2.59521	2.26848	0.17859	0.083826	1.82411	py	0.0751071	2.595214	pb
MAL13P1.121	PKH_123110	PVX_116770	PY06466	PBANKA_133740	PCHAS_134200	4.44767	3.66503	4.04359	2.34059	2.59515	3.80836	0.61648	0.4462178	2.34059	py	0.2544687	2.595146	pb
MAL13P1.125	PKH_123070	PVX_116750	PY00521	PBANKA_133770	PCHAS_134230	2.41602	1.08964	0.20176	5.99059	5.03241	2.3096	1.19281	0.9632908	5.03241	pb	0.8991229	2.309602	pc
MAL13P1.126	PKH_123060	PVX_116745	PY00520	PBANKA_133780	PCHAS_134240	5.26778	4.72011	5.34279	5.43684	4.83573	4.87869	0.26881	0.2130418	4.72011	pk	0.247548	5.342793	pv
MAL13P1.130	PKH_122940	PVX_116685	PY04760	PBANKA_133890	PCHAS_134350	5.52993	6.22829	5.81	5.48607	5.6009	5.36333	0.20998	0.1122999	6.22829	pk	0.0703563	5.810001	pv
MAL13P1.131	PKH_122900	PVX_116665	PY01637	PBANKA_133930	PCHAS_134390	4.47372	5.28862	4.67272	4.41938	1.52754	5.13036	0.77731	0.3051773	1.52754	pb	0.267063	5.130357	pc
MAL13P1.132	PKH_122890	PVX_116660	PY01638	PBANKA_133940	PCHAS_134400	2.41028	1.88762	1.94341	2.26945	3.57709	2.70685	0.43229	0.2572212	3.57709	pb	0.2121763	2.706852	pc
MAL13P1.135	PKH_122840	PVX_116640	PY03887	PBANKA_133990	PCHAS_134450	0.19093	3.38272	3.91215	4.97149	3.08022	0.26293	1.26944	0.9965328	0.26293	pc	0.605174	0.190934	pf
MAL13P1.138	PKH_122760	PVX_116605	PY02025	PBANKA_134060	PCHAS_134520	3.4442	2.1601	0.2884	4.55037	0.26024	2.14681	1.2432	1.1558973	3.4442	pf	0.9769476	2.160099	pk
MAL13P1.139	PKH_122750	PVX_116600	PY02026	PBANKA_134070	PCHAS_134530	5.0675	4.33064	4.397	1.15526	5.65572	5.206	0.75084	0.4268174	1.15526	py	0.3864665	5.655716	pb
MAL13P1.14	PKH_140120	PVX_121975	PY00742	PBANKA_140120	PCHAS_140310	1.401	0.96193	2.08701	1.18984	0.95384	1.80313	0.36426	0.257671	2.08701	pv	0.3220887	1.189838	py
MAL13P1.141	PKH_122700	PVX_116580	PY02849	PBANKA_134110	PCHAS_134570	5.02029	5.24502	4.88707	5.47247	4.68954	5.96877	0.34822	0.2281737	5.96877	pc	0.2025302	4.689545	pb

MAL13P1.146	PKH_122330	PVX_082415	PY01044	PBANKA_134 440	PCHAS_13490 0	2.52356	3.70038	5.0148	5.42126	5.76655	5.07461	0.83728	0.494526	2.52356	pf	0.2746022	3.700384	pk
MAL13P1.150	PKH_122420	PVX_082370	PY01552	PBANKA_134 360	PCHAS_13482 0	2.61732	2.26236	2.12931	2.54733	1.83901	1.97377	0.24749	0.2123155	1.83901	pb	0.1932462	1.973767	pc
MAL13P1.151	PKH_122500	PVX_082350	PY04447	PBANKA_134 320	PCHAS_13478 0	4.2665	5.36942	5.37614	1.39127	5.84244	4.72103	0.75601	0.4462095	1.39127	py	0.4395071	5.842441	pb
MAL13P1.152	PKH_122540	PVX_116505	PY07030	PBANKA_134 270	PCHAS_13473 0	5.2869	4.96919	5.07347	5.3876	5.8022	0.60875	0.4587	0.2294284	0.60875	pc	0.2073579	4.969187	pk
MAL13P1.159	PKH_122270	PVX_082440	PY04179	PBANKA_134 500	PCHAS_13496 0	2.62359	4.05776	2.44789	5.03497	3.49171	2.77112	0.7903	0.495596	5.03497	py	0.439348	3.49171	pb
MAL13P1.16	PKH_140170	PVX_122000	PY03903	PBANKA_140 170	PCHAS_14036 0	4.05921	2.90183	2.97706	4.31797	3.2797	3.36923	0.4313	0.3099096	4.31797	py	0.387387	3.279702	pb
MAL13P1.160	PKH_122260	PVX_082445	PY04180	PBANKA_134 510	PCHAS_13497 0	4.25181	3.75634	4.83551	4.63717	3.3641	3.42394	0.53002	0.4201876	4.83551	pv	0.3050271	4.637173	py
MAL13P1.163-a	PKH_122230	PVX_082460	PY06403	PBANKA_134 540	PCHAS_13500 0	5.45426	4.07415	4.01007	3.12981	4.26636	4.85299	0.55993	0.4446054	3.12981	py	0.5557567	4.266365	pb
MAL13P1.164	PKH_122210	PVX_082470	PY06134	PBANKA_134 560	PCHAS_13502 0	3.8768	2.88354	3.06203	2.60454	2.80966	2.78751	0.27011	0.1107029	3.8768	pf	0.119907	2.883542	pk
MAL13P1.167	PKH_122150	PVX_082500	PY00480	PBANKA_134 620	PCHAS_13508 0	4.44897	3.7776	4.08642	5.44856	3.5999	0.88012	0.93282	0.5040069	0.88012	pc	0.2894736	5.448555	py
MAL13P1.170	PKH_122050	PVX_082550	PY05727	PBANKA_134 720	PCHAS_13518 0	1.84451	0.62888	2.7776	2.22989	3.77721	0.90631	0.90083	0.6944609	3.77721	pb	0.6335254	0.906308	pc
MAL13P1.171	PKH_121960	PVX_082595	PY06414	PBANKA_134 800	PCHAS_13526 0	2.29963	4.88525	4.61857	5.01229	2.87707	4.45966	0.81329	0.512162	2.29963	pf	0.5735311	4.885252	pk
MAL13P1.178	PKH_121800	PVX_082720	PY03049	PBANKA_134 950	PCHAS_13541 0	1.54848	0.60597	3.22561	6.18678	1.87924	0.07451	1.01154	0.6899226	3.22561	pv	0.6868099	6.186778	py
MAL13P1.179	PKH_121760	PVX_082740	PY01509	PBANKA_134 990	PCHAS_13545 0	1.0993	4.35593	0.34664	3.19923	3.64037	2.59434	1.19254	0.8605325	0.34664	pv	1.0756656	3.199234	py
MAL13P1.18	PKH_140220	PVX_122025	PY01944	PBANKA_140 220	PCHAS_14041 0	5.34787	5.52734	4.76211	2.96705	2.38578	2.45049	1.30567	1.0547417	5.52734	pk	0.8696625	4.762108	pv
MAL13P1.180	PKH_121740	PVX_082745	PY01506	PBANKA_135 010	PCHAS_13547 0	3.88884	3.11461	3.87157	0.15192	3.5387	1.6811	0.97685	0.5929397	0.15192	py	0.7411746	3.538703	pb
MAL13P1.185	PKH_121660	PVX_082785	PY04971	PBANKA_135 090	PCHAS_13555 0	3.02395	2.4047	2.1177	4.9737	3.66751	2.40712	0.78927	0.4338113	4.9737	py	0.2271673	3.667507	pb
MAL13P1.186	PKH_121650	PVX_082790	PY04970	PBANKA_135 100	PCHAS_13556 0	2.76235	2.32041	2.87816	2.71723	2.19687	2.15183	0.28144	0.2261754	2.87816	pv	0.183514	2.717228	py
MAL13P1.188	PKH_121610	PVX_082815	PY02108	PBANKA_135 140	PCHAS_13560 0	5.67754	5.84857	5.88096	4.71231	6.03163	5.53766	0.30561	0.1394785	4.71231	py	0.1285826	6.031629	pb
MAL13P1.189	PKH_121580	PVX_082830	PY02720	PBANKA_135 170	PCHAS_13563 0	4.98722	4.27045	4.83729	0.571	4.99037	5.1204	0.47833	0.2006078	0.571	py	0.2499723	4.990371	pb
MAL13P1.19	PKH_140230	PVX_122030	PY01943	PBANKA_140 230	PCHAS_14042 0	3.96575	4.69048	4.92412	3.09647	4.54907	3.90386	0.53293	0.3489989	3.09647	py	0.4362487	4.549074	pb
MAL13P1.190	PKH_121570	PVX_082835	PY02721	PBANKA_135 180	PCHAS_13564 0	3.78056	3.53566	3.36867	2.63032	3.35423	3.7746	0.2896	0.166451	2.63032	py	0.1627078	3.354234	pb

MAL13P1.191	PKH_121540	PVX_082850	PY07119	PBANKA_135 210	PCHAS_13567 0	4.98526	2.6703	0.43821	3.17423	5.53147	4.22651	1.19452	0.9344414	0.43821	pv	0.9049828	3.174234	py
MAL13P1.192	PKH_121530	PVX_082855	PY07118	PBANKA_135 220	PCHAS_13568 0	3.65012	3.64918	2.92505	2.9686	2.39793	0.95307	0.66531	0.3952644	0.95307	pc	0.3237009	3.650119	pf
MAL13P1.193	PKH_121520	PVX_082860	PY07117	PBANKA_135 230	PCHAS_13569 0	3.87295	3.77131	3.14987	2.22198	3.45983	3.50299	0.38593	0.206911	2.22198	py	0.2478483	3.459832	pb
MAL13P1.194	PKH_121510	PVX_082865	PY07116	PBANKA_135 240	PCHAS_13570 0	4.36017	5.94747	5.76361	5.053	5.23049	5.24679	0.3857	0.285518	4.36017	pf	0.1817278	5.947468	pk
MAL13P1.196	PKH_121490	PVX_082880	PY06928	PBANKA_135 260	PCHAS_13572 0	4.48118	6.08097	3.61392	4.47205	3.13241	2.11131	1.02943	0.7419038	6.08097	pk	0.9273797	3.613916	pv
MAL13P1.202	PKH_121440	PVX_082905	PY00593	PBANKA_135 310	PCHAS_13577 0	4.53757	5.32668	5.24702	0.07124	5.39637	1.23076	0.69224	0.3932404	1.23076	pc	0.2942727	4.537569	pf
MAL13P1.204	PKH_121400	PVX_082925	PY02553	PBANKA_135 350	PCHAS_13581 0	1.87577	3.41382	2.93358	2.40076	2.59156	1.72647	0.48933	0.3845819	3.41382	pk	0.3475212	2.933581	pv
MAL13P1.205	PKH_121350	PVX_082950	PY02876	PBANKA_135 410	PCHAS_13587 0	4.34659	5.28893	5.73148	5.11169	5.14688	5.31111	0.28773	0.1568058	4.34659	pf	0.1960073	5.288929	pk
MAL13P1.206	PKH_121330	PVX_082960	PY01393	PBANKA_135 430	PCHAS_13589 0	0.02366	2.88478	1.398	0.75591	1.52038	0.68718	0.72274	0.4415094	2.88478	pk	0.3913641	1.397999	pv
MAL13P1.209	PKH_121310	PVX_082970	PY01390	PBANKA_135 450	PCHAS_13591 0	2.45785	2.05679	2.53585	1.15822	2.19771	2.33154	0.31875	0.1478405	1.15822	py	0.151344	2.197711	pb
MAL13P1.21	PKH_140250	PVX_122040	PY01534	PBANKA_140 250	PCHAS_14044 0	4.53249	5.05426	0.50159	3.93404	5.31316	4.8374	0.64138	0.3801792	0.50159	pv	0.2493839	3.934039	py
MAL13P1.210	PKH_121290	PVX_082980	PY01388	PBANKA_135 470	PCHAS_13593 0	3.84271	4.73329	2.27167	5.89752	4.2153	4.72209	0.8372	0.5145599	2.27167	pv	0.349341	5.897524	py
MAL13P1.215	PKH_121140	PVX_083050	PY05491	PBANKA_135 610	PCHAS_13607 0	4.95724	5.14921	5.09786	5.35417	6.17732	5.33828	0.27758	0.127471	6.17732	pb	0.1120717	5.338282	pc
MAL13P1.216	PKH_121110	PVX_083065	PY02949	PBANKA_135 640	PCHAS_13610 0	0.97182	4.8627	4.81506	2.41178	4.88777	2.23717	1.25691	1.0203041	0.97182	pf	1.2634704	4.862703	pk
MAL13P1.217	PKH_121100	PVX_083070	PY02948	PBANKA_135 650	PCHAS_13611 0	4.2807	3.85617	3.44124	3.66494	4.19557	3.81299	0.23554	0.1996666	3.44124	pv	0.2017767	3.664944	py
MAL13P1.219	PKH_120990	PVX_083120	PY06207	PBANKA_135 740	PCHAS_13620 0	5.05414	3.26803	3.17781	6.08082	3.47938	2.96052	0.868	0.4790392	6.08082	py	0.54596	3.479383	pb
MAL13P1.22	PKH_140260	PVX_122045	PY01533	PBANKA_140 260	PCHAS_14045 0	4.87743	3.84442	5.14777	2.39855	0.0246	4.28715	0.96715	0.6647987	2.39855	py	0.473409	0.024603	pb
MAL13P1.220	PKH_120980	PVX_083125	PY06208	PBANKA_135 750	PCHAS_13621 0	5.10421	3.88449	2.66508	5.21175	2.78906	2.943	0.96722	0.7069126	5.21175	py	0.8451554	2.789062	pb
MAL13P1.221	PKH_120960	PVX_083135	PY06210	PBANKA_135 770	PCHAS_13623 0	2.4958	2.75383	1.85173	5.11093	4.24504	5.2686	1.25387	1.0259817	1.85173	pv	1.0660034	5.110934	py
MAL13P1.224	PKH_120940	PVX_083150	PY00585	PBANKA_135 790	PCHAS_13625 0	1.29055	3.87705	0.49646	5.68391	0.67607	2.09356	1.09486	0.6973851	3.87705	pk	0.8268286	0.496462	pv
MAL13P1.226	PKH_120900	PVX_083170	PY00589	PBANKA_135 830	PCHAS_13629 0	4.16406	4.50483	5.31568	1.73513	4.80335	4.43782	0.71448	0.3034312	1.73513	py	0.3046577	4.803355	pb
MAL13P1.227	PKH_120890	PVX_083175	PY00590	PBANKA_135 840	PCHAS_13630 0	3.96526	3.93909	3.26099	4.97176	3.648	4.02992	0.35314	0.2172381	4.97176	py	0.1987742	3.648	pb

MAL13P1.229	PKH_120850	PVX_083195	PY02508	PBANKA_135 880	PCHAS_13634 0	4.18178	5.07143	4.69151	4.25896	4.38459	5.19978	0.35623	0.264438	5.19978	pc	0.1588387	5.071426	pk
MAL13P1.231	PKH_120830	PVX_083205	PY02510	PBANKA_135 900	PCHAS_13636 0	3.16905	0.16348	3.95501	3.05573	3.47554	3.91019	0.76859	0.3280827	0.16348	pk	0.2902378	3.955006	pv
MAL13P1.232	PKH_120820	PVX_083210	PY02511	PBANKA_135 910	PCHAS_13637 0	2.01795	3.25524	2.31068	1.33309	2.42882	1.2187	0.57083	0.4375397	3.25524	pk	0.4737432	2.310677	pv
MAL13P1.233	PKH_120790	PVX_083215	PY01330	PBANKA_135 920	PCHAS_13638 0	1.8238	0.56434	1.38234	2.64976	2.06557	1.29296	0.54991	0.4080052	0.56434	pk	0.3996429	1.382342	pv
MAL13P1.234	PKH_120780	PVX_083220	PY01329	PBANKA_135 930	PCHAS_13639 0	4.75355	4.10994	3.36327	2.94021	2.79521	2.15875	0.7221	0.5038513	4.75355	pf	0.3373835	4.109936	pk
MAL13P1.237	PKH_120640	PVX_083270	PY07482	PBANKA_136 030	PCHAS_13649 0	1.82472	2.27495	1.57561	2.652	2.78305	2.90671	0.44441	0.3180185	1.57561	pv	0.3975231	2.651998	py
MAL13P1.239	PKH_120600	PVX_083290	PY06076	PBANKA_136 070	PCHAS_13653 0	3.89277	2.15119	2.9046	5.92327	5.90128	1.32464	1.39429	1.1595217	3.89277	pf	1.1813048	2.151188	pk
MAL13P1.24	PKH_140280	PVX_122055	PY07311	PBANKA_140 280	PCHAS_14047 0	0.3607	2.67945	2.42138	5.44103	3.39018	3.37405	1.12395	0.7460751	0.3607	pf	0.7589452	2.679454	pk
MAL13P1.241	PKH_120580	PVX_083300	PY02624	PBANKA_136 090	PCHAS_13655 0	5.28083	4.84139	5.4763	4.33856	5.34222	4.63496	0.38074	0.2684344	4.33856	py	0.3201945	5.342221	pb
MAL13P1.242	PKH_120570	PVX_083305	PY02626	PBANKA_136 100	PCHAS_13656 0	1.09408	5.95159	0.12307	4.18058	5.88426	5.96951	0.62277	0.3895346	4.18058	py	0.4656058	5.88426	pb
MAL13P1.243	PKH_120560	PVX_083310	PY02627	PBANKA_136 110	PCHAS_13657 0	1.88372	3.50848	4.12496	2.37962	2.10344	2.4967	0.62723	0.4036043	4.12496	pv	0.5045054	2.379619	py
MAL13P1.244	PKH_120540	PVX_083320	PY05115	PBANKA_136 130	PCHAS_13659 0	4.13064	4.15202	3.20628	5.08078	3.36405	2.05572	0.78957	0.5324937	2.05572	pc	0.4280833	5.08078	py
MAL13P1.248	PKH_120480	PVX_083350	PY02890	PBANKA_136 190	PCHAS_13665 0	5.47271	2.99488	1.19974	4.17294	3.89828	1.66286	1.28107	0.9975802	1.19974	pv	1.178309	4.172942	py
MAL13P1.250	PKH_120430	PVX_083375	PY00112	PBANKA_136 240	PCHAS_13670 0	4.35466	5.02795	4.50914	4.47395	4.75594	4.77608	0.2037	0.1406796	5.02795	pk	0.1758496	4.509136	pv
MAL13P1.253	PKH_120370	PVX_083405	PY05604	PBANKA_136 300	PCHAS_13676 0	2.35197	2.68577	1.84839	1.09445	1.49214	4.02912	0.77198	0.4902314	4.02912	pc	0.4243036	1.094447	py
MAL13P1.255	PKH_120320	PVX_083430	PY06977	PBANKA_136 350	PCHAS_13681 0	3.32905	3.21245	2.57033	4.79186	3.52099	2.30181	0.59289	0.3955815	4.79186	py	0.4173407	3.520994	pb
MAL13P1.26	PKH_140380	PVX_122100	PY02189	PBANKA_140 380	PCHAS_14057 0	2.26632	3.10008	2.41023	2.46844	2.2635	2.23564	0.20221	0.0759051	3.10008	pk	0.0589041	2.410227	pv
MAL13P1.260	PKH_120230	PVX_083475	PY03838	PBANKA_136 440	PCHAS_13690 0	6.03204	0.04406	5.65296	5.1199	5.9757	6.03656	0.27455	0.1470303	5.1199	py	0.1697007	5.975695	pb
MAL13P1.262	PKH_120200	PVX_083490	PY07173	PBANKA_136 470	PCHAS_13693 0	3.30536	4.1577	4.11229	2.21597	2.759	2.31671	0.71394	0.5769932	4.1577	pk	0.3829171	4.112294	pv
MAL13P1.270	PKH_111720	PVX_114685	PY02351	PBANKA_113 050	PCHAS_11300 0	3.31216	3.69699	3.23101	3.24385	3.24507	3.32673	0.10266	0.0328055	3.69699	pk	0.0374904	3.231008	pv
MAL13P1.271	PKH_111680	PVX_114705	PY05899	PBANKA_113 100	PCHAS_11305 0	0.94225	3.55015	4.11445	0.20345	3.50855	1.47523	1.37087	1.0494243	0.20345	py	1.3117803	3.508546	pb
MAL13P1.272	PKH_111660	PVX_114715	PY03302	PBANKA_113 120	PCHAS_11307 0	1.63912	2.05951	1.97034	1.97999	0.69316	1.15062	0.42116	0.249951	0.69316	pb	0.1075091	1.15062	pc

MAL13P1.278	PKH_111420	PVX_114820	PY02340	PBANKA_113 310	PCHAS_11326 0	5.86827	5.8863	5.99518	0.12945	6.24971	6.06774	0.16339	0.1125754	0.12945	py	0.0770866	6.249712	pb
MAL13P1.279	PKH_111410	PVX_114825	PY02339	PBANKA_113 320	PCHAS_11327 0	3.98635	4.7727	5.51589	5.45322	4.04239	3.73875	0.66239	0.5001654	5.51589	pv	0.2724995	5.453223	py
MAL13P1.28	PKH_140390	PVX_122105	PY00560	PBANKA_140 390	PCHAS_14058 0	2.2218	2.96824	2.80089	3.57736	2.62352	2.90347	0.30048	0.205278	3.57736	py	0.2122534	2.623516	pb
MAL13P1.281	PKH_111380	PVX_114835	PY00363	PBANKA_113 350	PCHAS_11330 0	3.38955	3.54515	3.76647	3.70793	3.46907	2.46798	0.28216	0.1231564	2.46798	pc	0.0986135	3.766474	pv
MAL13P1.282	PKH_111340	PVX_114855	PY05883	PBANKA_113 390	PCHAS_11334 0	3.42665	2.80565	5.93415	5.77425	3.08415	2.48501	1.12671	0.7820485	5.93415	pv	0.3050355	5.774255	py
MAL13P1.284	PKH_111310	PVX_114870	PY02938	PBANKA_113 420	PCHAS_11337 0	2.60446	1.92591	2.08037	5.16144	2.99172	1.73056	0.83679	0.3879406	5.16144	py	0.2570899	2.991718	pb
MAL13P1.29	PKH_140450	PVX_122135	PY04953	PBANKA_140 450	PCHAS_14064 0	5.23708	5.37002	4.54118	5.10305	4.94006	5.21936	0.20703	0.1127973	4.54118	pv	0.1119193	5.103051	py
MAL13P1.292	PKH_111170	PVX_114925	PY00264	PBANKA_113 540	PCHAS_11349 0	1.64717	2.03378	1.83424	2.02542	1.81924	1.93993	0.11641	0.0811443	1.64717	pf	0.0779674	2.033784	pk
MAL13P1.298	PKH_111090	PVX_114965	PY00945	PBANKA_113 610	PCHAS_11356 0	0.26772	4.6633	3.07569	1.54821	3.29594	4.86415	1.32196	0.9807107	0.26772	pf	0.8840483	4.663298	pk
MAL13P1.300	PKH_111050	PVX_114980	PY00949	PBANKA_113 650	PCHAS_11360 0	2.84613	4.53322	2.67877	4.24377	3.28623	3.4029	0.56146	0.4243548	4.53322	pk	0.3785787	2.678772	pv
MAL13P1.304	PKH_110950	PVX_115020	PY01093	PBANKA_113 730	PCHAS_11368 0	1.46722	4.47816	4.7932	2.44681	2.94392	1.51135	1.13165	0.8887015	4.7932	pv	1.1108769	2.446809	py
MAL13P1.307	PKH_110910	PVX_115040	PY01090	PBANKA_113 760	PCHAS_11371 0	4.66725	2.12977	0.48129	3.74296	4.72126	0.33562	1.26076	0.9946126	2.12977	pk	0.7324631	0.481287	pv
MAL13P1.308	PKH_110890	PVX_115050	PY01759	PBANKA_113 780	PCHAS_11373 0	5.73049	6.26843	5.5902	3.81496	3.89569	3.96267	0.98596	0.7220059	6.26843	pk	0.4956255	5.590202	pv
MAL13P1.31	PKH_140480	PVX_122150	PY02588	PBANKA_140 480	PCHAS_14067 0	3.34353	2.54739	4.36625	0.31773	2.68073	2.58854	0.82281	0.51477	0.31773	py	0.6434625	2.680731	pb
MAL13P1.310	PKH_110830	PVX_115075	PY00976	PBANKA_113 840	PCHAS_11379 0	0.73154	1.17173	0.96186	1.83704	4.81804	1.75684	0.75623	0.3800963	4.81804	pb	0.3288416	1.756843	pc
MAL13P1.311	PKH_110820	PVX_115080	PY00977	PBANKA_113 850	PCHAS_11380 0	4.42213	3.08609	3.45771	0.3823	0.57858	1.68032	1.38745	1.1165839	4.42213	pf	1.0442886	3.086089	pk
MAL13P1.312	PKH_110810	PVX_115085	PY00978	PBANKA_113 860	PCHAS_11381 0	0.15571	2.80017	0.52676	0.58682	0.60509	3.74923	0.97393	0.5445576	3.74923	pc	0.1273611	2.800167	pk
MAL13P1.317	PKH_110770	PVX_115105	PY04590	PBANKA_113 900	PCHAS_11385 0	1.38081	2.87838	2.71085	3.97952	2.93531	1.39917	0.71706	0.6067428	3.97952	py	0.7023136	2.935311	pb
MAL13P1.318	PKH_110740	PVX_115120	PY05802	PBANKA_113 930	PCHAS_11388 0	2.35368	2.99071	3.14006	4.54736	3.17745	3.21762	0.40967	0.2101372	4.54736	py	0.2533223	3.177452	pb
MAL13P1.319	PKH_110700	PVX_115140	PY00839	PBANKA_113 970	PCHAS_11392 0	3.85405	3.41925	3.13063	2.70268	3.36513	2.65909	0.35767	0.2845215	3.85405	pf	0.2834952	3.419254	pk
MAL13P1.32	PKH_140500	PVX_122160	PY02591	PBANKA_140 500	PCHAS_14069 0	1.23783	0.82407	5.84121	1.29689	0.31029	6.03467	0.62316	0.4945881	5.84121	pv	0.5000302	1.296885	py
MAL13P1.321	PKH_110670	PVX_115160	PY00838	PBANKA_114 000	PCHAS_11395 0	0.62887	6.2594	3.44174	5.02308	0.72239	5.64143	1.0118	0.6506224	3.44174	pv	0.5041988	5.023085	py

MAL13P1.322	PKH_110640	PVX_115175	PY00835	PBANKA_114 020	PCHAS_11397 0	1.33346	0.4875	1.82612	2.22431	4.97291	1.60978	0.85826	0.4458937	4.97291	pb	0.5573672	1.609785	pc
MAL13P1.323	PKH_110630	PVX_115180	PY00834	PBANKA_114 030	PCHAS_11398 0	2.12546	1.76683	1.94948	2.10806	1.69164	1.46956	0.20916	0.155011	1.46956	pc	0.1497693	2.125461	pf
MAL13P1.324	PKH_110610	PVX_115190	PY02780	PBANKA_114 050	PCHAS_11400 0	4.27321	3.61224	4.62065	2.78038	3.88244	3.8804	0.41721	0.2802425	2.78038	py	0.3503031	3.882445	pb
MAL13P1.326	PKH_110580	PVX_115205	PY02777	PBANKA_114 070	PCHAS_11402 0	1.95501	3.69146	4.53588	2.79552	2.58113	3.43689	0.72209	0.518442	4.53588	pv	0.6480524	2.795522	py
MAL13P1.327	PKH_110560	PVX_115215	PY07362	PBANKA_114 090	PCHAS_11404 0	2.43884	3.2994	2.76279	2.8196	2.91925	3.48326	0.28011	0.2034053	3.48326	pc	0.1590648	2.438837	pf
MAL13P1.329	PKH_110500	PVX_115245	PY02843	PBANKA_114 150	PCHAS_11410 0	5.81571	5.89559	5.48567	5.59984	5.04209	5.72448	0.21803	0.1251569	5.04209	pb	0.1564461	5.724483	pc
MAL13P1.33	PKH_140520	PVX_122170	PY02593	PBANKA_140 520	PCHAS_14071 0	4.16244	1.28447	1.44965	2.69962	3.68783	5.15634	1.26215	1.0232301	5.15634	pc	0.9252491	1.284467	pk
MAL13P1.330	PKH_110490	PVX_115250	PY03339	PBANKA_114 160	PCHAS_11411 0	6.06993	5.87	1.12137	1.24391	4.74764	5.23425	0.85828	0.7654807	4.74764	pb	0.7479305	5.23425	pc
MAL13P1.331	PKH_110460	PVX_115265	PY05033	PBANKA_114 190	PCHAS_11414 0	6.1658	6.02602	0.12267	4.93725	5.65766	5.62578	0.39617	0.257645	4.93725	py	0.2299645	5.657656	pb
MAL13P1.332	PKH_110450	PVX_115270	PY05032	PBANKA_114 200	PCHAS_11415 0	3.97008	3.29581	3.28405	4.53552	2.93146	2.00017	0.59762	0.4580185	2.00017	pc	0.2625953	4.535521	py
MAL13P1.335	PKH_110380	PVX_115300	PY06104	PBANKA_114 270	PCHAS_11422 0	2.40165	0.57148	1.21036	5.63067	6.27185	4.91361	1.03615	0.7607838	2.40165	pf	0.8052776	0.571476	pk
MAL13P1.336	PKH_110370	PVX_115305	PY00082	PBANKA_114 280	PCHAS_11423 0	3.08239	2.83962	3.15788	2.12902	2.63518	2.71886	0.26614	0.1772438	2.12902	py	0.1704466	2.635184	pb
MAL13P1.341	PKH_110290	PVX_115340	PY03082	PBANKA_114 350	PCHAS_11430 0	1.78765	1.04761	2.0568	1.02934	0.71127	0.59202	0.42657	0.3063922	2.0568	pv	0.3829902	1.02934	py
MAL13P1.343	PKH_110240	PVX_115365	PY03078	PBANKA_114 400	PCHAS_11435 0	4.23401	4.71799	3.30983	2.83136	3.58582	4.0091	0.53902	0.4112705	2.83136	py	0.4082679	3.585817	pb
MAL13P1.344	PKH_110230	PVX_115370	PY04219	PBANKA_114 410	PCHAS_11436 0	2.63483	2.11185	2.81061	2.63892	2.61799	4.18081	0.37761	0.1439375	4.18081	pc	0.0491771	2.111854	pk
MAL13P1.348	PKH_110150	PVX_115410	PY04252	PBANKA_114 490	PCHAS_11444 0	5.22273	3.62396	4.01094	3.67553	4.1068	4.82219	0.47355	0.3259	5.22273	pf	0.3106293	3.623959	pk
MAL13P1.349	PKH_110130	PVX_115420	PY04540	PBANKA_114 510	PCHAS_11446 0	1.91207	3.49328	3.3702	2.51891	2.08676	1.99394	0.56494	0.3966202	3.49328	pk	0.1749142	3.370204	pv
MAL13P1.350	PKH_110120	PVX_115425	PY06441	PBANKA_114 520	PCHAS_11447 0	0.66008	3.82338	0.67161	5.40007	0.97628	0.42162	0.87154	0.4218769	3.82338	pk	0.524464	0.67161	pv
MAL13P1.352	PKH_110100	PVX_115435	PY00290	PBANKA_114 550	PCHAS_11450 0	2.15845	2.58315	2.13714	2.37593	1.24741	2.14628	0.26445	0.1351308	1.24741	pb	0.1658701	2.146279	pc
MAL13P1.360	PKH_122620	PVX_116545	PY01317	PBANKA_134 190	PCHAS_13465 0	0.85736	1.04703	5.45682	1.91693	1.37488	5.99026	0.7668	0.5454755	5.45682	pv	0.4643698	1.916931	py
MAL13P1.365	PKH_122610	PVX_116540	PY01316	PBANKA_134 200	PCHAS_13466 0	2.60562	0.83372	3.91607	4.34104	4.38075	1.04464	1.32713	1.0143031	0.83372	pk	1.1904798	3.916068	pv
MAL13P1.37	PKH_140680	PVX_122225	PY00030	PBANKA_140 640	PCHAS_14083 0	5.54702	5.94726	5.04365	3.48851	5.34301	5.54103	0.52669	0.2215231	3.48851	py	0.2273993	5.343013	pb

MAL13P1.38	PKH_140690	PVX_122230	PY06255	PBANKA_140 650	PCHAS_14084 0	5.52925	6.0907	5.88775	5.53114	5.7658	5.2552	0.23811	0.1836104	5.2552	pc	0.1482884	6.090702	pk
MAL13P1.380	PKH_121070	PVX_083085	PY02945	PBANKA_135 680	PCHAS_13614 0	5.69096	5.28634	5.29621	4.93591	5.34485	5.73629	0.20894	0.1689407	4.93591	py	0.2111759	5.344854	pb
MAL13P1.385	PKH_121060	PVX_083090	PY05621	PBANKA_135 690	PCHAS_13615 0	1.58161	1.93972	2.86201	0.4828	3.80151	4.82684	1.2477	0.9198199	4.82684	pc	0.7855451	0.482803	py
MAL13P1.390	PKH_121050	PVX_083095	PY05620	PBANKA_135 700	PCHAS_13616 0	3.42483	2.77811	2.99517	1.8236	3.18234	2.34265	0.443	0.2972822	1.8236	py	0.3248109	3.182342	pb
MAL13P1.43	PKH_140790	PVX_122280	PY01749	PBANKA_140 750	PCHAS_14094 0	1.78428	0.63457	2.6605	2.06379	3.10447	1.32288	0.68117	0.5315632	0.63457	pk	0.5152759	2.660502	pv
MAL13P1.44	PKH_140810	PVX_122290	PY02322	PBANKA_140 770	PCHAS_14096 0	5.17431	1.34295	3.85671	2.39517	1.47397	5.7215	1.34224	1.094124	5.17431	pf	1.3348997	1.342952	pk
MAL13P1.47	PKH_140890	PVX_122330	PY03110	PBANKA_140 850	PCHAS_14104 0	4.0238	3.05876	4.39335	5.1265	3.42323	4.30395	0.553	0.4430617	5.1265	py	0.4036843	3.423227	pb
MAL13P1.48	PKH_140900	PVX_122335	PY05346	PBANKA_140 860	PCHAS_14105 0	3.00485	2.05124	4.32133	5.22164	2.76151	3.71859	0.90733	0.6454369	5.22164	py	0.7459617	2.761508	pb
MAL13P1.49	PKH_140910	PVX_122340	PY05347	PBANKA_140 870	PCHAS_14106 0	5.75361	6.06914	5.60863	5.29278	5.54806	3.32506	0.54425	0.1963822	3.32506	pc	0.1303485	6.069145	pk
MAL13P1.51	PKH_140950	PVX_122360	PY02796	PBANKA_140 910	PCHAS_14110 0	5.59118	3.11114	2.97268	5.43996	3.14769	2.26403	0.97183	0.6701887	5.59118	pf	0.8377359	3.111137	pk
MAL13P1.52	PKH_140970	PVX_122370	PY02799	PBANKA_140 930	PCHAS_14112 0	1.94246	1.62887	2.2168	2.39627	1.5819	1.82243	0.25372	0.1896971	2.39627	py	0.1769897	1.5819	pb
MAL13P1.54	PKH_141010	PVX_122390	PY02802	PBANKA_140 970	PCHAS_14116 0	2.41797	2.89185	2.39223	3.17684	6.18412	2.93521	0.71546	0.2603713	6.18412	pb	0.3146245	2.935213	pc
MAL13P1.540	PKH_121030	PVX_083105	PY05402	PBANKA_135 720	PCHAS_13618 0	3.16914	5.71169	4.48537	2.57527	2.92947	1.98678	0.97912	0.6184941	5.71169	pk	0.3841417	4.48537	pv
MAL13P1.57	PKH_141140	PVX_122445	PY02335	PBANKA_141 070	PCHAS_14126 0	1.66319	1.72147	3.37541	5.18398	3.32207	2.93608	0.92679	0.6625648	5.18398	py	0.7317083	3.322073	pb
MAL13P1.63	PKH_141200	PVX_122470	PY07184	PBANKA_141 130	PCHAS_14132 0	3.69934	1.25163	5.85007	2.3118	2.56955	2.64886	0.96457	0.5569522	5.85007	pv	0.6317545	2.311805	py
MAL13P1.67	PKH_141230	PVX_122485	PY03768	PBANKA_141 160	PCHAS_14135 0	3.1604	3.0123	2.69806	5.88155	1.61117	2.42652	0.87245	0.4270033	5.88155	py	0.2620308	1.611167	pb
MAL13P1.70	PKH_141290	PVX_122510	PY02832	PBANKA_141 220	PCHAS_14141 0	0.73112	4.70612	3.03839	2.06912	3.12454	2.40672	0.94368	0.6725364	4.70612	pk	0.6827547	3.038387	pv
MAL13P1.72	PKH_141310	PVX_122520	PY01882	PBANKA_141 240	PCHAS_14143 0	3.65499	1.6864	1.88587	0.04987	1.57408	2.28275	0.75221	0.5354523	0.04987	py	0.5913679	1.574077	pb
MAL13P1.74	PKH_141340	PVX_122535	PY00478	PBANKA_141 280	PCHAS_14146 0	3.42077	3.54988	3.29634	4.64291	3.70693	2.3062	0.4794	0.3265461	2.3062	pc	0.1349239	4.642912	py
MAL13P1.76	PKH_141410	PVX_122565	PY06921	PBANKA_141 340	PCHAS_14152 0	2.18747	3.20515	2.87974	4.67388	3.2361	4.14662	0.63071	0.4631029	4.67388	py	0.5711401	3.236104	pb
MAL13P1.79	PKH_141460	PVX_122590	PY04586	PBANKA_141 390	PCHAS_14157 0	2.19372	1.33694	4.16039	2.70923	0.69383	3.05328	0.94974	0.746349	4.16039	pv	0.8040579	2.709229	py
MAL13P1.84	PKH_141530	PVX_122625	PY06554	PBANKA_141 450	PCHAS_14163 0	1.19087	5.98413	5.75408	6.02282	0.57318	4.94387	0.61186	0.4362466	1.19087	pf	0.5453083	5.984125	pk

MAL13P1.86	PKH_141580	PVX_122650	PY02436	PBANKA_141 510	PCHAS_14169 0	4.76151	5.48986	4.95678	5.2566	1.88694	1.23307	1.03356	0.6575628	1.88694	pb	0.2570397	1.233066	pc
MAL13P1.87	PKH_141600	PVX_122660	PY03407	PBANKA_141 530	PCHAS_14171 0	2.84267	3.96595	3.27137	3.05413	5.14706	1.11541	0.89536	0.6432433	1.11541	pc	0.3351297	5.147064	pb
MAL13P1.88	PKH_141610	PVX_122665	PY03408	PBANKA_141 540	PCHAS_14172 0	2.53704	3.44077	0.14256	2.86539	3.06326	1.48734	0.86708	0.4959293	0.14256	pv	0.6199116	2.865385	py
MAL13P1.89	PKH_141670	PVX_122695	PY00191	PBANKA_141 600	PCHAS_14178 0	3.07245	3.9137	3.05101	5.25221	4.02486	3.28111	0.63103	0.3630181	5.25221	py	0.2678375	4.024856	pb
MAL13P1.90	PKH_141680	PVX_122700	PY00190	PBANKA_141 610	PCHAS_14179 0	2.88035	3.94983	4.06198	5.12517	4.30088	3.52531	0.52209	0.3914393	5.12517	py	0.4015363	4.300879	pb
MAL13P1.91	PKH_141690	PVX_122705	PY00189	PBANKA_141 620	PCHAS_14180 0	1.66302	1.09904	1.72377	0.30997	1.95961	1.02786	0.48492	0.3112952	0.30997	py	0.3149734	1.959605	pb
MAL13P1.92	PKH_141700	PVX_122710	PY00188	PBANKA_141 630	PCHAS_14181 0	2.45269	2.41311	2.47384	3.15483	2.41238	2.10939	0.19108	0.0809513	3.15483	py	0.1010075	2.412381	pb
MAL13P1.93	PKH_141710	PVX_122715	PY00187	PBANKA_141 640	PCHAS_14182 0	1.62827	1.40239	2.13327	1.86168	0.60528	1.33985	0.37928	0.250542	0.60528	pb	0.2410727	1.33985	pc
MAL13P1.95	PKH_141730	PVX_122725	PY03801	PBANKA_141 660	PCHAS_14184 0	4.06786	3.24811	3.58802	4.16037	3.40947	4.15733	0.35666	0.2640436	3.24811	pk	0.210094	3.588021	pv
MAL7P1.100	PKH_031300	PVX_096360	PY02456	PBANKA_061 670	PCHAS_06184 0	2.28679	3.07689	6.25723	5.55668	0.38049	2.87685	1.43542	1.1198421	5.55668	py	0.9232265	0.380488	pb
MAL7P1.104	PKH_031380	PVX_096320	PY00332	PBANKA_061 750	PCHAS_06192 0	2.23459	2.79162	2.77617	6.22301	3.15097	2.45852	0.68097	0.2498962	6.22301	py	0.2186687	3.150973	pb
MAL7P1.11	PKH_010150	PVX_087705	PY02321	PBANKA_080 100	PCHAS_08013 0	2.61672	3.19562	1.7751	1.16126	1.02603	1.18629	0.70231	0.4409054	3.19562	pk	0.4039283	1.775101	pv
MAL7P1.112	PKH_031500	PVX_096275	PY01732	PBANKA_061 870	PCHAS_06204 0	0.99616	4.06834	3.34103	0.55785	2.38722	2.88438	1.05875	0.8051969	0.55785	py	0.8822074	2.387221	pb
MAL7P1.113	PKH_031510	PVX_096270	PY04724	PBANKA_061 880	PCHAS_06205 0	1.83528	3.26517	3.26473	0.62669	0.38592	1.19648	1.02602	0.8174806	3.26517	pk	0.504789	3.264729	pv
MAL7P1.117	PKH_031560	PVX_096255	PY02841	PBANKA_061 930	PCHAS_06210 0	3.44771	3.76321	3.11567	2.90203	3.22788	3.89475	0.31002	0.2386447	3.89475	pc	0.216842	2.902028	py
MAL7P1.12	PKH_010170	PVX_087715	PY00683	PBANKA_080 120	PCHAS_08015 0	2.48785	2.21326	2.57071	2.31136	1.44446	2.02288	0.28155	0.164485	1.44446	pb	0.1334866	2.022877	pc
MAL7P1.122	PKH_031610	PVX_096235	PY02266	PBANKA_061 990	PCHAS_06216 0	2.62701	2.7203	2.51393	2.37964	2.70401	2.47762	0.11336	0.0865536	2.37964	py	0.0889428	2.704011	pb
MAL7P1.126	PKH_031760	PVX_096150	PY00053	PBANKA_062 140	PCHAS_06231 0	2.71075	2.87424	2.11151	2.66844	0.97818	2.43084	0.45548	0.2085271	0.97818	pb	0.2012597	2.430843	pc
MAL7P1.129	PKH_031780	PVX_096140	PY02675	PBANKA_062 160	PCHAS_06233 0	3.27578	2.46078	4.00106	2.21016	3.47448	3.21719	0.4772	0.3595135	2.21016	py	0.3997166	3.474479	pb
MAL7P1.130	PKH_031800	PVX_096130	PY01611	PBANKA_062 180	PCHAS_06235 0	3.67748	2.8424	3.22614	3.73794	0.2534	1.75554	0.96504	0.5634959	0.2534	pb	0.3367213	1.755541	pc
MAL7P1.131	PKH_031820	PVX_096120	PY01614	PBANKA_062 200	PCHAS_06237 0	1.07815	3.94981	6.1439	1.62718	6.03428	2.2249	1.18532	0.8480536	3.94981	pk	0.7557073	6.143897	pv
MAL7P1.132	PKH_031830	PVX_096115	PY01615	PBANKA_062 210	PCHAS_06238 0	4.34309	5.06915	5.21766	0.58252	5.07229	5.01967	0.45396	0.1854375	0.58252	py	0.231011	5.07229	pb

MAL7P1.137	PKH_031850	PVX_096105	PY07654	PBANKA_062 230	PCHAS_06240 0	5.86131	3.12736	0.97408	5.92001	3.56785	2.48736	1.46006	1.2052851	5.86131	pf	1.3610738	3.127363	pk
MAL7P1.138	PKH_031880	PVX_096085	PY03674	PBANKA_062 260	PCHAS_06243 0	2.32912	2.82625	3.54192	2.27389	0.8789	1.6704	0.64568	0.4847749	0.8789	pb	0.4412895	1.670402	pc
MAL7P1.139	PKH_031890	PVX_096080	PY03676	PBANKA_062 270	PCHAS_06244 0	2.36925	1.52174	2.47668	1.87786	3.44548	2.8778	0.50519	0.390977	3.44548	pb	0.3615832	2.877801	pc
MAL7P1.14	PKH_010190	PVX_087725	PY00681	PBANKA_080 140	PCHAS_08017 0	1.8149	1.24595	0.27752	1.77693	2.59886	5.70424	0.87436	0.5780586	5.70424	pc	0.5170919	2.59886	pb
MAL7P1.145	PKH_021070	PVX_081620	PY01438	PBANKA_021 040	PCHAS_02088 0	4.83342	5.08558	4.61806	3.48333	5.0839	4.66146	0.37334	0.1779922	3.48333	py	0.1598703	5.0839	pb
MAL7P1.146	PKH_021080	PVX_081625	PY01439	PBANKA_021 050	PCHAS_02089 0	3.63216	4.17052	3.11343	1.74259	2.99309	5.86009	0.96894	0.6133977	5.86009	pc	0.424039	1.742594	py
MAL7P1.147	PKH_021090	PVX_081630	PY01440	PBANKA_021 060	PCHAS_02090 0	3.07957	4.66203	3.79237	5.50227	2.58867	2.27608	1.00206	0.7179287	5.50227	py	0.7746861	2.588667	pb
MAL7P1.150	PKH_021160	PVX_081665	PY02096	PBANKA_021 130	PCHAS_02097 0	1.54634	2.87086	1.62234	0.47819	4.05064	0.74936	0.96166	0.6531299	4.05064	pb	0.6171694	0.749363	pc
MAL7P1.153	PKH_021260	PVX_081710	PY01307	PBANKA_021 230	PCHAS_02107 0	4.23544	4.98627	5.66415	5.23587	3.04959	3.19181	0.90158	0.6945554	3.04959	pb	0.4195787	3.191811	pc
MAL7P1.154	PKH_021280	PVX_081720	PY01310	PBANKA_021 250	PCHAS_02109 0	4.11295	3.43486	3.16829	3.6045	3.47901	1.65944	0.48898	0.2228609	1.65944	pc	0.1200904	4.112954	pf
MAL7P1.155	PKH_021300	PVX_081725	PY02958	PBANKA_021 270	PCHAS_02111 0	4.935	5.02058	4.09332	1.94318	0.21572	2.05726	1.39345	1.0737827	1.94318	py	0.9512499	0.215724	pb
MAL7P1.156	PKH_021310	PVX_081735	PY02956	PBANKA_021 280	PCHAS_02112 0	0.21226	5.66973	5.5359	5.42945	5.34217	5.73951	0.2662	0.1275248	0.21226	pf	0.1259482	5.669728	pk
MAL7P1.157	PKH_021320	PVX_081740	PY01479	PBANKA_021 290	PCHAS_02113 0	3.6309	3.80468	3.51751	5.47591	4.05366	3.99416	0.42844	0.1798812	5.47591	py	0.1626079	4.053656	pb
MAL7P1.157a	PKH_021330	PVX_081745	PY01477	PBANKA_021 300	PCHAS_02114 0	2.35553	3.53261	3.09272	2.94664	2.81399	2.76553	0.27282	0.1836596	3.53261	pk	0.1598926	3.092721	pv
MAL7P1.17	PKH_010230	PVX_087745	PY01949	PBANKA_080 180	PCHAS_08021 0	5.34842	5.78345	5.83062	5.20536	5.52983	5.71141	0.20698	0.1471641	5.20536	py	0.1385597	5.529826	pb
MAL7P1.18	PKH_010300	PVX_087765	PY01945	PBANKA_080 220	PCHAS_08025 0	5.21087	5.28719	5.32987	5.54136	5.32052	5.28275	0.06849	0.0313549	5.54136	py	0.0308611	5.320524	pb
MAL7P1.201	PKH_010410	PVX_087820	PY02474	PBANKA_080 330	PCHAS_08036 0	2.82136	3.31099	2.65511	3.51123	0.60928	2.25397	0.68754	0.3826288	0.60928	pb	0.33644	2.253971	pc
MAL7P1.202	PKH_010450	PVX_087840	PY03814	PBANKA_080 360	PCHAS_08039 0	2.42133	3.5206	2.71529	2.62383	1.67192	2.73341	0.37537	0.2417705	1.67192	pb	0.2976834	2.733406	pc
MAL7P1.203	PKH_010460	PVX_087845	PY03816	PBANKA_080 370	PCHAS_08040 0	4.54628	4.06097	4.91435	5.19199	4.06873	4.52834	0.33243	0.2661862	5.19199	py	0.2178288	4.068727	pb
MAL7P1.204	PKH_010490	PVX_087865	PY06087	PBANKA_080 410	PCHAS_08044 0	2.25642	0.41644	1.72404	0.76679	1.41398	2.2301	0.60223	0.4611499	0.41644	pk	0.5764374	1.724044	pv
MAL7P1.205	PKH_010500	PVX_087870	PY01095	PBANKA_080 420	PCHAS_08045 0	2.8774	2.95591	2.23018	6.24102	2.44438	2.68406	0.6475	0.2317516	6.24102	py	0.2297709	2.444381	pb
MAL7P1.207	PKH_010520	PVX_087880	PY01098	PBANKA_080 440	PCHAS_08047 0	4.80507	4.29091	3.98647	0.74314	2.72463	3.32065	1.01509	0.6101395	0.74314	py	0.4472121	2.724626	pb

MAL7P1.209	PKH_010550	PVX_087895	PY00142	PBANKA_080 460	PCHAS_08049 0	2.5852	2.37385	1.99705	2.1333	2.13696	1.69017	0.21258	0.1657415	1.69017	pc	0.0951145	2.585205	pf
MAL7P1.22	PKH_010560	PVX_087900	PY00141	PBANKA_080 470	PCHAS_08050 0	0.39836	0.18218	5.11021	2.50233	1.99737	1.76906	1.14353	0.7838333	5.11021	pv	0.7964742	2.502332	py
MAL7P1.24	PKH_010600	PVX_087920	PY00137	PBANKA_080 510	PCHAS_08054 0	1.87866	1.93349	3.52733	2.17354	0.8643	0.55467	0.72279	0.5376106	3.52733	pv	0.5982939	2.173537	py
MAL7P1.25	PKH_010610	PVX_087925	PY00136	PBANKA_080 520	PCHAS_08055 0	2.88405	3.52677	5.85598	3.03807	1.57773	2.48385	0.91253	0.500653	5.85598	pv	0.5873112	3.038071	py
MAL7P1.26	PKH_010640	PVX_087945	PY00132	PBANKA_080 560	PCHAS_08059 0	1.69416	3.81299	0.00143	5.82158	3.25555	2.1522	1.33113	1.1576401	0.00143	pv	0.8055425	5.821578	py
MAL7P1.27	PKH_010710	PVX_087980	PY05061	PBANKA_121 950	PCHAS_12202 0	1.47723	1.41177	0.91151	2.46896	2.11881	0.59597	0.52429	0.4177111	2.46896	py	0.3453792	2.118812	pb
MAL7P1.30	PKH_010820	PVX_088035	PY06572	PBANKA_122 060	PCHAS_12213 0	4.59527	6.25571	4.62192	5.27821	5.31398	4.89128	0.45657	0.2750021	6.25571	pk	0.2764107	4.621917	pv
MAL7P1.32	PKH_010860	PVX_088055	PY04689	PBANKA_122 100	PCHAS_12217 0	2.40765	1.88434	3.0361	0.03196	3.03313	2.33637	0.70404	0.3697033	0.03196	py	0.3057609	3.033127	pb
MAL7P1.320	PKH_010480	PVX_087860	PY02795	PBANKA_080 400	PCHAS_08043 0	2.38576	1.43084	2.64624	2.46626	2.68464	2.09659	0.31399	0.1697057	1.43084	pk	0.1671382	2.646239	pv
MAL7P1.340	PKH_010440	PVX_087835	PY03813	PBANKA_080 350	PCHAS_08038 0	4.02027	3.27723	3.79061	4.6914	3.94734	4.16316	0.30994	0.2231188	4.6914	py	0.2788985	3.94734	pb
MAL7P1.36	PKH_010950	PVX_088100	PY01895	PBANKA_122 190	PCHAS_12226 0	2.88612	3.23156	1.72859	1.02574	3.37871	6.13557	1.14828	0.7711861	6.13557	pc	0.4988897	1.025744	py
MAL7P1.37	PKH_010960	PVX_088105	PY01894	PBANKA_122 200	PCHAS_12227 0	3.42532	3.00319	1.9945	1.91023	1.88441	2.72255	0.56032	0.3862195	3.42532	pf	0.2306017	3.003188	pk
MAL7P1.66	PKH_142090	PVX_122905	PY01860	PBANKA_142 020	PCHAS_14220 0	3.72859	3.10416	3.00566	3.24473	2.94247	2.44912	0.28004	0.1914592	3.72859	pf	0.2147002	3.104158	pk
MAL7P1.76	PKH_030230	PVX_000615	PY01026	PBANKA_061 390	PCHAS_06156 0	1.37506	1.68892	1.78027	0.2741	0.71264	0.49178	0.56096	0.4529539	0.2741	py	0.4005873	0.712643	pb
MAL7P1.77	PKH_030220	PVX_000610	PY01024	PBANKA_061 400	PCHAS_06157 0	3.98317	3.9729	3.5483	2.82692	3.5185	3.12762	0.33856	0.2619917	2.82692	py	0.320038	3.518496	pb
MAL7P1.81	PKH_030170	PVX_000590	PY00595	PBANKA_061 450	PCHAS_06162 0	2.4721	1.17629	2.29222	2.31232	2.28243	2.4539	0.2479	0.070271	1.17629	pk	0.0828147	2.292223	pv
MAL7P1.84	PKH_030110	PVX_000570	PY04342	PBANKA_061 490	PCHAS_06166 0	5.44121	6.27592	4.98343	2.77142	5.2956	5.38323	0.67499	0.2876204	2.77142	py	0.3376181	5.295603	pb
MAL7P1.86	PKH_030100	PVX_000565	PY00824	PBANKA_061 500	PCHAS_06167 0	6.152	1.22045	1.95594	2.1371	2.24939	0.13683	0.85272	0.6058408	6.152	pf	0.5734302	1.220453	pk
MAL7P1.87	PKH_030070	PVX_000550	PY03296	PBANKA_061 530	PCHAS_06170 0	5.15858	4.98666	5.96719	3.82848	6.22777	4.36735	0.69518	0.5681918	3.82848	py	0.4429405	6.227773	pb
MAL7P1.88	PKH_030040	PVX_000535	PY03292	PBANKA_061 560	PCHAS_06173 0	2.52907	2.72429	1.94893	2.23968	2.7933	2.57987	0.22996	0.1497697	1.94893	pv	0.1021644	2.239675	py
MAL7P1.91	PKH_030020	PVX_000525	PY02763	PBANKA_061 580	PCHAS_06175 0	4.12845	4.99586	4.96773	3.84798	4.60622	4.38748	0.36765	0.2895327	3.84798	py	0.3619159	4.606224	pb
MAL7P1.99	PKH_031290	PVX_096365	PY05856	PBANKA_061 660	PCHAS_06183 0	4.17419	3.12151	4.43121	5.7251	3.88377	4.49424	0.57851	0.3840332	5.7251	py	0.4074369	3.883773	pb

MAL8P1.10	PKH_050170	PVX_088895	PY07165	PBANKA_070 160	PCHAS_09364 0	1.94006	2.51748	2.24805	2.45833	2.59048	2.29941	0.17979	0.1120989	1.94006	pf	0.1253382	2.517475	pk
MAL8P1.100	PKH_142660	PVX_123170	PY00745	PBANKA_142 550	PCHAS_14273 0	2.58822	2.96433	2.32759	5.86346	2.63218	2.43438	0.64041	0.1669085	5.86346	py	0.1976451	2.632182	pb
MAL8P1.101	PKH_142670	PVX_123175	PY00746	PBANKA_142 560	PCHAS_14274 0	4.26017	2.68214	4.56984	1.18357	3.45832	3.0767	0.89099	0.6142346	1.18357	py	0.7677932	3.458323	pb
MAL8P1.103	PKH_142720	PVX_123200	PY04680	PBANKA_142 610	PCHAS_14279 0	2.68523	4.70062	3.11072	3.27893	3.2992	3.29418	0.36985	0.1594867	4.70062	pk	0.1573037	3.110715	pv
MAL8P1.104	PKH_142730	PVX_123205	PY01168	PBANKA_142 620	PCHAS_14280 0	0.79092	5.68031	3.47106	5.38878	1.07779	1.91747	1.19545	0.8985097	3.47106	pv	0.7018071	5.388781	py
MAL8P1.105	PKH_142740	PVX_123210	PY01173	PBANKA_142 630	PCHAS_14281 0	2.36185	3.06965	2.87714	2.16259	1.70973	2.52198	0.37243	0.2844692	1.70973	pb	0.3555866	2.521981	pc
MAL8P1.109	PKH_142830	PVX_123260	PY01654	PBANKA_142 720	PCHAS_14290 0	5.64466	2.81259	5.77781	2.82321	4.78539	4.72502	0.97451	0.7748478	2.81259	pk	0.720454	5.777809	pv
MAL8P1.11	PKH_050190	PVX_088905	PY06243	PBANKA_070 170	PCHAS_09363 0	3.67318	4.27535	2.91943	2.896	2.11535	1.9519	0.65078	0.5050719	4.27535	pk	0.6254821	2.91943	pv
MAL8P1.121	PKH_010980	PVX_088115	PY01892	PBANKA_122 230	PCHAS_12229 0	5.44066	3.24661	3.44902	1.63165	3.98854	2.31721	0.94712	0.6977388	5.44066	pf	0.8721735	3.246613	pk
MAL8P1.122	PKH_010990	PVX_088120	PY01891	PBANKA_122 240	PCHAS_12230 0	5.79376	3.53553	3.88298	3.13114	3.48807	4.17514	0.61619	0.2877814	5.79376	pf	0.3597268	3.535529	pk
MAL8P1.127	PKH_011070	PVX_088165	PY04191	PBANKA_122 300	PCHAS_12236 0	2.36865	0.51024	2.51842	2.57057	2.19207	3.68339	0.6169	0.3386476	0.51024	pk	0.4233095	2.51842	pv
MAL8P1.130	PKH_011110	PVX_088185	PY01073	PBANKA_122 340	PCHAS_12240 0	2.29528	1.46974	1.41101	5.38862	4.73503	5.22195	1.43058	1.0980285	2.29528	pf	0.7814597	1.469738	pk
MAL8P1.131	PKH_011130	PVX_088195	PY07255	PBANKA_122 360	PCHAS_12242 0	2.41132	3.01745	2.50628	5.63057	3.30042	2.99106	0.6733	0.2800544	5.63057	py	0.2727289	3.300416	pb
MAL8P1.132	PKH_011180	PVX_088220	PY02867	PBANKA_122 410	PCHAS_12247 0	1.27049	4.04768	1.83157	3.92788	4.75786	0.15683	1.36927	1.0876867	1.27049	pf	1.3596083	4.047678	pk
MAL8P1.134	PKH_011210	PVX_088235	PY04695	PBANKA_122 440	PCHAS_12250 0	5.19497	4.18171	4.61338	5.39654	4.24327	4.80727	0.3934	0.3154515	5.39654	py	0.3017869	4.243272	pb
MAL8P1.139	PKH_011410	PVX_093535	PY00801	PBANKA_122 610	PCHAS_12267 0	4.02278	3.63426	3.35164	2.89185	3.22465	2.01517	0.4795	0.3081094	2.01517	pc	0.2173515	4.02278	pf
MAL8P1.14	PKH_050250	PVX_088935	PY05780	PBANKA_070 230	PCHAS_09357 0	3.98381	3.66931	3.80173	5.77806	5.45772	2.42985	0.88645	0.7529485	2.42985	pc	0.4926226	5.778062	py
MAL8P1.140	PKH_011420	PVX_093540	PY00802	PBANKA_122 620	PCHAS_12268 0	4.23869	5.88548	3.32952	3.63741	3.17211	3.79683	0.63033	0.3067795	5.88548	pk	0.3065023	3.329517	pv
MAL8P1.141	PKH_011430	PVX_093545	PY00803	PBANKA_122 630	PCHAS_12269 0	1.14618	0.76044	1.43317	5.80434	0.24919	1.45095	0.58325	0.3748972	5.80434	py	0.2443751	0.249192	pb
MAL8P1.142	PKH_011450	PVX_093555	PY00806	PBANKA_122 650	PCHAS_12271 0	3.70056	4.24278	3.56707	4.3893	3.6957	3.72664	0.23256	0.1413292	4.3893	py	0.1754455	3.695699	pb
MAL8P1.144	PKH_011480	PVX_093570	PY00809	PBANKA_122 670	PCHAS_12273 0	6.24259	0.57424	0.24682	0.06022	0.65518	0.23483	0.20363	0.1602866	0.65518	pb	0.2003582	0.234832	pc
MAL8P1.146	PKH_011510	PVX_093585	PY05625	PBANKA_122 700	PCHAS_12276 0	5.31734	5.80789	5.67211	2.90748	5.31818	5.60893	0.59099	0.1688963	2.90748	py	0.1384318	5.318176	pb

MAL8P1.15	PKH_050280	PVX_088950	PY01363	PBANKA_070 260	PCHAS_09354 0	2.91587	0.56331	2.30319	0.51593	4.43955	2.26958	1.05163	0.8279661	4.43955	pb	1.0349576	2.269581	pc
MAL8P1.150	PKH_011570	PVX_093610	PY07180	PBANKA_122 760	PCHAS_12283 0	5.73818	5.48404	6.16478	5.95323	5.66854	0.6039	0.35239	0.193088	0.6039	pc	0.1778236	5.484037	pk
MAL8P1.151	PKH_011580	PVX_093615	PY04281	PBANKA_122 770	PCHAS_12284 0	5.95738	5.56911	5.33249	5.65295	4.45923	0.75705	0.54829	0.3637209	0.75705	pc	0.177182	4.459232	pb
MAL8P1.154	PKH_011650	PVX_093645	PY02606	PBANKA_122 830	PCHAS_12290 0	1.24212	2.40095	0.11374	1.17319	0.17251	5.82134	0.83198	0.5526831	2.40095	pk	0.6761614	0.113736	pv
MAL8P1.156	PKH_011660	PVX_093650	PY03463	PBANKA_122 840	PCHAS_12291 0	2.60893	2.38124	4.90425	2.13459	2.24038	1.30262	0.7028	0.3105913	4.90425	pv	0.3617926	2.134594	py
MAL8P1.157	PKH_011670	PVX_093655	PY03464	PBANKA_122 850	PCHAS_12292 0	3.0924	6.2452	2.93103	0.06055	3.36222	3.4132	1.10275	0.7467008	6.2452	pk	0.8255785	2.931035	pv
MAL8P1.16	PKH_050290	PVX_088955	PY01364	PBANKA_070 270	PCHAS_09353 0	2.604	2.92322	0.53193	0.26765	6.0449	4.97585	1.22285	0.9363088	2.92322	pk	1.1043168	0.531928	pv
MAL8P1.17	PKH_050300	PVX_088960	PY00638	PBANKA_070 280	PCHAS_09352 0	3.74545	4.22532	3.7465	1.4038	4.1325	4.13411	0.59936	0.1734943	1.4038	py	0.2168678	4.132504	pb
MAL8P1.18	PKH_050330	PVX_088975	PY04437	PBANKA_070 310	PCHAS_09349 0	3.76808	4.63928	2.98375	2.35571	1.35415	2.75153	0.82162	0.6083937	4.63928	pk	0.7024372	2.983751	pv
MAL8P1.19	PKH_050390	PVX_089015	PY03587	PBANKA_070 370	PCHAS_09343 0	1.87951	1.48274	1.35867	2.05185	6.08575	1.6336	0.48683	0.2179892	6.08575	pb	0.2724865	1.633597	pc
MAL8P1.200	PKH_011320	PVX_088280	PY05005	PBANKA_122 520	PCHAS_12258 0	0.74672	2.6934	2.40173	0.76848	3.46099	2.18665	0.80904	0.7159858	3.46099	pb	0.8949823	2.186652	pc
MAL8P1.201	PKH_011310	PVX_088275	PY05006	PBANKA_122 510	PCHAS_12257 0	0.04344	5.10805	5.90193	5.59655	0.8001	4.74978	0.64291	0.4741458	0.8001	pb	0.3809882	4.749777	pc
MAL8P1.21	PKH_050420	PVX_089030	PY00517	PBANKA_070 400	PCHAS_09340 0	2.85546	4.14652	2.67727	6.05965	3.09304	6.02835	1.26812	0.9284266	6.05965	py	1.1448855	3.09304	pb
MAL8P1.24	PKH_050480	PVX_089060	PY01031	PBANKA_070 460	PCHAS_09334 0	2.94814	2.5192	2.327	1.4705	2.66992	1.98093	0.39314	0.2620286	1.4705	py	0.2898541	2.669922	pb
MAL8P1.27	PKH_050580	PVX_089095	PY05664	PBANKA_070 540	PCHAS_07147 0	4.46387	4.06463	3.80123	4.61903	4.78441	4.65395	0.28794	0.1819704	3.80123	pv	0.227463	4.619028	py
MAL8P1.33	PKH_050670	PVX_089145	PY02080	PBANKA_070 630	PCHAS_07156 0	4.62827	3.24603	2.54019	2.42021	2.60578	2.29614	0.53725	0.2270908	4.62827	pf	0.1074036	3.246031	pk
MAL8P1.34	PKH_050680	PVX_089150	PY02081	PBANKA_070 640	PCHAS_07157 0	3.52007	3.98406	4.42722	1.80279	4.73475	4.79578	0.77514	0.4052816	1.80279	py	0.4297196	4.734754	pb
MAL8P1.40	PKH_050780	PVX_089205	PY02680	PBANKA_070 740	PCHAS_07167 0	2.53966	0.8891	1.8011	3.11736	0.86505	5.12932	1.14297	0.7805717	5.12932	pc	0.6466501	3.117358	py
MAL8P1.41	PKH_050790	PVX_089210	PY02682	PBANKA_070 750	PCHAS_07168 0	1.67979	2.85313	2.5838	2.02478	2.64406	2.58063	0.2993	0.178355	1.67979	pf	0.1556117	2.853128	pk
MAL8P1.43	PKH_050820	PVX_089225	PY02499	PBANKA_070 780	PCHAS_07171 0	1.94686	3.47834	2.91899	2.4718	2.39267	4.42866	0.66911	0.4115577	4.42866	pc	0.3832133	1.946865	pf
MAL8P1.47	PKH_050860	PVX_089245	PY07232	PBANKA_070 820	PCHAS_07175 0	1.24352	5.8791	6.16911	5.3192	0.49542	6.22874	0.52777	0.3618085	1.24352	pf	0.3797604	5.879104	pk
MAL8P1.50	PKH_050910	PVX_089270	PY04245	PBANKA_070 890	PCHAS_07180 0	3.37252	3.69789	2.50161	3.79919	3.29744	3.59967	0.32086	0.165424	2.50161	pv	0.1568997	3.79919	py

MAL8P1.53	PKH_051000	PVX_089310	PY07455	PBANKA_070 980	PCHAS_07189 0	4.44338	5.56734	4.90574	4.70048	5.18998	5.20258	0.31838	0.2497422	5.56734	pk	0.3121778	4.905741	pv
MAL8P1.55	PKH_051020	PVX_089320	PY02422	PBANKA_071 000	PCHAS_07191 0	3.91472	3.17086	3.15845	5.41082	4.08216	2.90963	0.69479	0.3857589	5.41082	py	0.2543737	4.082159	pb
MAL8P1.56	PKH_051040	PVX_089330	PY02420	PBANKA_071 020	PCHAS_07193 0	4.78896	5.51534	4.88631	5.37873	0.59619	5.11189	0.49771	0.2437595	0.59619	pb	0.3046993	5.111891	pc
MAL8P1.61	PKH_051150	PVX_089380	PY03073	PBANKA_071 110	PCHAS_07202 0	4.80781	5.16504	4.14356	3.6502	3.31461	5.34244	0.70115	0.5427437	3.31461	pb	0.5447718	5.342441	pc
MAL8P1.62	PKH_051160	PVX_089385	PY03074	PBANKA_071 120	PCHAS_07203 0	4.87604	5.61828	6.05867	2.36737	3.85003	1.6132	1.37688	1.0457989	2.36737	py	0.8651857	3.850025	pb
MAL8P1.63	PKH_051170	PVX_089390	PY03075	PBANKA_071 130	PCHAS_07204 0	2.28208	3.76422	4.99831	6.06638	5.88861	2.00519	1.37815	1.1184439	2.28208	pf	0.8669595	3.764224	pk
MAL8P1.64	PKH_051220	PVX_089415	PY06156	PBANKA_071 180	PCHAS_07209 0	1.6444	2.56822	2.74663	2.4079	0.91524	1.20241	0.66012	0.4936076	0.91524	pb	0.3156376	1.202409	pc
MAL8P1.65	PKH_051310	PVX_089480	PY03840	PBANKA_071 210	PCHAS_07212 0	2.29595	4.08653	4.9165	2.23555	4.6835	2.74043	1.0691	0.8477079	4.9165	pv	0.9334126	2.235545	py
MAL8P1.69	PKH_051370	PVX_089505	PY01841	PBANKA_071 260	PCHAS_07217 0	4.27286	3.12116	3.47671	2.91581	3.94332	3.97815	0.44678	0.3306286	2.91581	py	0.4132857	3.943322	pb
MAL8P1.70	PKH_051380	PVX_089510	PY03958	PBANKA_071 270	PCHAS_07218 0	6.12957	0.18087	5.51606	0.02247	5.68414	1.8283	0.59191	0.3139028	1.8283	pc	0.2390014	5.516057	pv
MAL8P1.71	PKH_051390	PVX_089515	PY03957	PBANKA_071 280	PCHAS_07219 0	0.12364	3.98866	4.81389	2.07905	1.15398	1.49751	1.29282	0.9580175	4.81389	pv	1.0521352	2.079055	py
MAL8P1.76	PKH_051570	PVX_089570	PY05593	PBANKA_071 400	PCHAS_07231 0	1.22857	3.48648	0.59482	0.02538	0.77437	3.16026	1.08012	0.7537256	3.48648	pk	0.8972696	0.594818	pv
MAL8P1.83	PKH_051690	PVX_089625	PY00540	PBANKA_071 520	PCHAS_07243 0	2.80298	1.33611	2.68173	1.99191	2.6098	2.53381	0.37211	0.1918001	1.33611	pk	0.2217672	2.681732	pv
MAL8P1.84	PKH_051700	PVX_089630	PY00541	PBANKA_071 530	PCHAS_07244 0	4.65116	4.63747	4.77164	5.30214	5.4193	4.92487	0.26434	0.1876766	5.4193	pb	0.1962871	4.924874	pc
MAL8P1.91	PKH_142390	PVX_123050	PY02403	PBANKA_142 310	PCHAS_14249 0	6.00436	3.76017	4.27802	5.45436	5.39346	5.32663	0.58123	0.3708133	3.76017	pk	0.1846583	4.278025	pv
MAL8P1.92	PKH_142400	PVX_123055	PY02401	PBANKA_142 320	PCHAS_14250 0	1.31226	0.95698	1.78718	1.96114	0.61826	1.24053	0.37413	0.3101612	0.61826	pb	0.3697701	1.24053	pc
MAL8P1.96	PKH_142530	PVX_123115	PY05996	PBANKA_142 440	PCHAS_14262 0	4.77313	4.35936	4.03772	5.28047	3.64303	3.1143	0.60298	0.4745698	3.1143	pc	0.3629361	5.280469	py
PF07_0010	PKH_010120	PVX_087690	PY05768	PBANKA_080 070	PCHAS_08010 0	3.49027	3.33087	2.49339	2.32231	3.12081	2.78719	0.38984	0.3081118	2.32231	py	0.3851398	3.120811	pb
PF07_0011	PKH_010130	PVX_087695	PY02319	PBANKA_080 080	PCHAS_08011 0	2.17496	3.514	0.16215	3.85469	4.18757	0.29521	1.27794	0.9887886	0.29521	pc	0.5883242	0.162151	pv
PF07_0012	PKH_010140	PVX_087700	PY02320	PBANKA_080 090	PCHAS_08012 0	4.1361	3.24787	2.6926	0.33101	3.27871	2.64365	0.83257	0.4157103	0.33101	py	0.5119293	3.278708	pb
PF07_0014	PKH_010200	PVX_087730	PY00680	PBANKA_080 150	PCHAS_08018 0	0.81521	2.37791	0.02865	5.32666	5.91755	2.35873	1.14089	0.8992201	2.37791	pk	1.1240251	0.028646	pv
PF07_0015	PKH_010240	PVX_087750	PY01948	PBANKA_080 190	PCHAS_08022 0	2.00819	1.95362	2.25772	2.33047	2.474	2.11183	0.16476	0.1252749	2.474	pb	0.1565937	2.111827	pc

PF07_0016	PKH_010250	PVX_087755	PY01947	PBANKA_080200	PCHAS_080230	4.81732	4.94536	5.01675	4.92729	5.25491	5.56809	0.19163	0.1054093	5.56809	pc	0.0543747	5.254906	pb
PF07_0017	PKH_010260	PVX_087760	PY01946	PBANKA_080210	PCHAS_080240	4.26525	3.8422	5.52531	2.31969	2.07691	4.49578	1.00792	0.8728875	5.52531	pv	0.710482	2.319694	py
PF07_0019	PKH_010330	PVX_087785	PY06024	PBANKA_080250	PCHAS_080280	5.47236	5.6748	5.42864	5.42353	6.00602	5.74724	0.18392	0.1139727	6.00602	pb	0.0737459	5.747238	pc
PF07_0020	PKH_010350	PVX_087795	PY04146	PBANKA_080270	PCHAS_080300	1.81183	2.69411	1.17877	2.35917	1.72592	1.69675	0.37728	0.2590966	2.69411	pk	0.1870836	1.178772	pv
PF07_0021	PKH_010360	PVX_087800	PY01051	PBANKA_080280	PCHAS_080310	5.40859	4.26178	5.75026	4.55441	5.9401	5.69232	0.52632	0.3454718	4.26178	pk	0.4173535	5.750262	pv
PF07_0023	PKH_010390	PVX_087810	PY03236	PBANKA_080310	PCHAS_080340	4.43116	4.46948	4.89393	3.48253	4.06653	4.79506	0.36304	0.2382599	3.48253	py	0.197087	4.066533	pb
PF07_0024	PKH_010400	PVX_087815	PY03237	PBANKA_080320	PCHAS_080350	6.08454	5.00995	4.72673	3.49975	2.38153	3.83845	1.01692	0.7512584	2.38153	pb	0.7170026	3.838447	pc
PF07_0025	PKH_010570	PVX_087905	PY00140	PBANKA_080480	PCHAS_080510	1.13824	3.67097	2.94276	4.87219	3.12084	2.97176	0.76854	0.5257283	1.13824	pf	0.5196277	3.670968	pk
PF07_0026	PKH_010580	PVX_087910	PY00139	PBANKA_080490	PCHAS_080520	0.03613	4.97746	5.33972	6.08829	1.91342	2.02162	1.06921	0.8397485	2.02162	pc	0.5226063	1.913417	pb
PF07_0028	PKH_010630	PVX_087940	PY00133	PBANKA_080550	PCHAS_080580	1.13676	3.25214	6.00767	4.18641	1.62873	2.61364	1.26037	0.934611	6.00767	pv	0.7750736	4.186405	py
PF07_0030	PKH_010660	PVX_087955	PY05066	PBANKA_121900	PCHAS_121970	2.30299	2.58002	2.37049	2.49211	2.93356	1.64508	0.28119	0.1680217	1.64508	pc	0.0996642	2.933562	pb
PF07_0032	PKH_010680	PVX_087965	PY05064	PBANKA_121920	PCHAS_121990	4.76208	4.27959	3.81224	5.10217	4.59975	4.48364	0.31475	0.2202033	3.81224	pv	0.149648	5.102171	py
PF07_0033	PKH_010690	PVX_087970	PY05063	PBANKA_121930	PCHAS_122000	2.51827	3.01419	2.25028	2.57168	3.09352	2.63806	0.23426	0.2035521	2.25028	pv	0.2378457	2.571685	py
PF07_0034	PKH_010700	PVX_087975	PY05062	PBANKA_121940	PCHAS_122010	1.54144	2.82397	3.68872	0.86818	3.24833	1.18082	1.02843	0.8046617	3.68872	pv	0.8375126	0.868182	py
PF07_0035	PKH_010720	PVX_087985	PY05060	PBANKA_121960	PCHAS_122030	4.22721	3.9927	2.31565	2.42083	2.26214	2.21796	0.64083	0.3866888	4.22721	pf	0.0640982	3.992704	pk
PF07_0042	PKH_010840	PVX_088045	PY04691	PBANKA_122080	PCHAS_122150	4.20994	6.05012	5.36607	3.97234	5.05952	5.34597	0.58673	0.5059512	6.05012	pk	0.555802	5.366071	pv
PF07_0043	PKH_010880	PVX_088065	PY04861	PBANKA_122120	PCHAS_122190	2.37544	2.97382	2.54607	4.10429	2.66519	1.8607	0.49351	0.2805734	4.10429	py	0.3209378	2.665186	pb
PF07_0044	PKH_010890	PVX_088070	PY04862	PBANKA_122130	PCHAS_122200	1.67607	1.73553	2.59129	1.92007	0.45133	5.52937	0.81222	0.4767917	5.52937	pc	0.3820512	2.591289	pv
PF07_0046	PKH_010910	PVX_088080	PY05786	PBANKA_122150	PCHAS_122220	2.22941	3.25202	2.74523	4.65037	5.46022	0.62012	1.29464	1.0105727	5.46022	pb	0.7319392	0.620122	pc
PF07_0052	PKH_142110	PVX_122915	PY06753	PBANKA_142040	PCHAS_142220	5.57443	5.50342	5.71805	3.59268	3.61989	4.25887	0.88741	0.6827427	3.59268	py	0.3825467	3.61989	pb
PF07_0053	PKH_142120	PVX_122920	PY04903	PBANKA_142050	PCHAS_142230	2.58557	1.87719	2.43454	1.7338	0.74459	1.81827	0.43344	0.29361	0.74459	pb	0.3522822	1.818266	pc
PF07_0054	PKH_142130	PVX_122930	PY02616	PBANKA_142060	PCHAS_142240	5.06432	5.80427	5.07841	5.39401	5.11397	5.49515	0.23945	0.1492864	5.80427	pk	0.1777156	5.078405	pv

PF07_0056	PKH_142150	PVX_122940	PY02618	PBANKA_142080	PCHAS_142260	5.68014	5.6707	5.29128	1.43578	0.6517	0.20357	0.74975	0.491932	1.43578	py	0.3012282	0.651698	pb
PF07_0057	PKH_142180	PVX_122950	PY01302	PBANKA_142110	PCHAS_142290	2.78905	2.69701	3.75189	0.04104	3.21654	2.53949	0.74666	0.3463855	0.04104	py	0.3261094	3.216544	pb
PF07_0058	PKH_142190	PVX_122955	PY01301	PBANKA_142120	PCHAS_142300	1.55144	3.93843	5.16768	2.21509	3.63334	1.90166	1.17854	0.823734	5.16768	pv	1.0296674	2.215089	py
PF07_0059	PKH_142210	PVX_122960	PY01300	PBANKA_142130	PCHAS_142310	1.77365	2.29497	2.85536	4.51754	2.26554	1.77187	0.6428	0.3209636	4.51754	py	0.4012045	2.265543	pb
PF07_0062	PKH_142270	PVX_122985	PY02880	PBANKA_142190	PCHAS_142370	3.93046	3.13273	2.68408	2.90551	3.39776	4.53281	0.52312	0.3477265	4.53281	pc	0.3224939	2.684076	pv
PF07_0063	PKH_142280	PVX_122990	PY02881	PBANKA_142200	PCHAS_142380	3.87318	4.25642	3.131	5.16809	3.48272	4.22055	0.52636	0.3726488	5.16809	py	0.3681964	3.482724	pb
PF07_0065	PKH_142300	PVX_123000	PY07157	PBANKA_142220	PCHAS_142400	4.20676	2.76125	3.60764	3.41618	2.96727	3.7699	0.4066	0.3298026	4.20676	pf	0.2485202	2.761252	pk
PF07_0066	PKH_030250	PVX_000625	PY01028	PBANKA_061370	PCHAS_061540	2.23206	2.92512	1.81012	0.30714	0.58838	2.22129	0.7788	0.5517342	0.30714	py	0.2814398	0.588382	pb
PF07_0067	PKH_030240	PVX_000620	PY01027	PBANKA_061380	PCHAS_061550	1.64851	1.69287	2.12189	0.13203	0.37387	3.21957	0.81332	0.6617712	3.21957	pc	0.4480931	0.132029	py
PF07_0068	PKH_030200	PVX_000600	PY06105	PBANKA_061430	PCHAS_061600	3.2409	2.9707	3.23205	1.05431	4.43194	5.56074	0.99609	0.7579848	1.05431	py	0.6497207	4.431943	pb
PF07_0070	PKH_030160	PVX_000585	PY00596	PBANKA_061460	PCHAS_061630	2.9712	6.16095	1.08734	6.28118	2.74331	4.90463	1.38411	1.0662885	2.9712	pf	1.3028043	6.16095	pk
PF07_0071	PKH_030090	PVX_000560	PY00825	PBANKA_061510	PCHAS_061680	1.30987	2.06729	3.05011	1.48712	0.91873	1.35454	0.50356	0.2651599	3.05011	pv	0.2983055	1.487116	py
PF07_0072	PKH_030080	PVX_000555	PY03298	PBANKA_061520	PCHAS_061690	5.62578	0.41387	5.94555	1.80028	5.93038	5.12654	0.6739	0.3780568	1.80028	py	0.472571	5.930383	pb
PF07_0073	PKH_030060	PVX_000545	PY03295	PBANKA_061540	PCHAS_061710	2.71443	0.85357	3.10247	2.77333	2.9048	2.37947	0.47219	0.1826758	0.85357	pk	0.1460588	3.102472	pv
PF07_0074	PKH_030050	PVX_000540	PY03294	PBANKA_061550	PCHAS_061720	3.1423	0.27733	0.56365	2.02175	3.01616	2.25392	0.92494	0.7146118	0.27733	pk	0.4706988	0.563653	pv
PF07_0077	PKH_031310	PVX_096355	PY02457	PBANKA_061680	PCHAS_061850	2.35447	3.14168	2.57139	4.52902	3.06761	2.463	0.55824	0.2783639	4.52902	py	0.2239005	3.067613	pb
PF07_0078	PKH_031330	PVX_096345	PY02459	PBANKA_061700	PCHAS_061870	4.84033	5.76714	5.56927	5.98004	0.59252	2.41626	0.89641	0.4892282	2.41626	pc	0.3798322	4.840331	pf
PF07_0081	PKH_031360	PVX_096330	PY02463	PBANKA_061730	PCHAS_061900	3.2827	4.41104	3.25722	3.09843	4.19989	2.07146	0.57775	0.4510549	2.07146	pc	0.2817342	4.411037	pk
PF07_0082	PKH_031370	PVX_096325	PY02464	PBANKA_061740	PCHAS_061910	2.31833	4.09315	2.26561	5.24053	3.25019	2.56253	0.90623	0.55188	5.24053	py	0.5179356	3.250192	pb
PF07_0083	PKH_031390	PVX_096315	PY00333	PBANKA_061760	PCHAS_061930	1.26396	1.3939	2.52375	0.15884	0.25683	0.75746	0.66808	0.448436	2.52375	pv	0.4108914	0.158841	py
PF07_0085	PKH_031420	PVX_096305	PY01431	PBANKA_061790	PCHAS_061960	2.70036	1.84895	3.07191	6.09947	2.42081	1.94797	0.76331	0.3950712	6.09947	py	0.493839	2.420812	pb
PF07_0087	PKH_031490	PVX_096280	PY01731	PBANKA_061860	PCHAS_062030	3.84092	3.57584	3.22622	3.63683	3.72662	3.95108	0.17996	0.1158667	3.22622	pv	0.1223858	3.636831	py

PF07_0088	PKH_031540	PVX_096265	PY06068	PBANKA_061 910	PCHAS_06208 0	2.52551	2.36257	2.58781	2.10733	2.84192	1.5151	0.32837	0.1919648	1.5151	pc	0.1608545	2.841917	pb
PF07_0089	PKH_031550	PVX_096260	PY02842	PBANKA_061 920	PCHAS_06209 0	1.24766	3.57736	6.27345	5.22889	0.26151	4.51038	1.17206	0.8672556	3.57736	pk	1.0840695	6.273446	pv
PF07_0091	PKH_031620	PVX_096230	PY02267	PBANKA_062 000	PCHAS_06217 0	1.7092	0.68216	4.78805	1.46659	1.1473	3.00167	0.97386	0.5762819	4.78805	pv	0.7203524	1.466594	py
PF07_0092	PKH_031630	PVX_096225	PY02268	PBANKA_062 010	PCHAS_06218 0	1.52182	1.08019	2.12725	0.50367	6.07601	1.62096	0.64889	0.4328693	6.07601	pb	0.5163008	1.620963	pc
PF07_0095	PKH_031670	PVX_096205	PY02052	PBANKA_062 050	PCHAS_06222 0	1.68842	2.73908	2.10782	3.46451	3.16072	2.16047	0.56793	0.420712	3.46451	py	0.2758273	3.16072	pb
PF07_0097	PKH_031710	PVX_096180	PY02048	PBANKA_062 090	PCHAS_06226 0	1.59306	1.25188	2.62408	2.31262	0.66408	1.9296	0.55955	0.4183512	0.66408	pb	0.522939	1.929596	pc
PF07_0098	PKH_031720	PVX_096175	PY02047	PBANKA_062 100	PCHAS_06227 0	1.7371	3.78784	0.07807	5.71656	4.64017	1.20753	1.28795	1.0308552	3.78784	pk	1.288569	0.078066	pv
PF07_0099	PKH_031730	PVX_096170	PY05504	PBANKA_062 110	PCHAS_06228 0	1.79836	2.61476	2.5347	2.38365	4.35622	1.03885	0.71414	0.4624509	4.35622	pb	0.2418635	1.038849	pc
PF07_0101	PKH_031750	PVX_096155	PY00052	PBANKA_062 130	PCHAS_06230 0	4.68543	5.33308	4.88168	5.4803	6.07714	2.89533	0.73802	0.3980685	2.89533	pc	0.3115696	6.077143	pb
PF07_0102	PKH_031790	PVX_096135	PY01610	PBANKA_062 170	PCHAS_06234 0	2.0655	2.54997	2.23917	2.36305	3.12698	2.9571	0.32772	0.2404804	3.12698	pb	0.1520886	2.957097	pc
PF07_0103	PKH_031810	PVX_096125	PY01612	PBANKA_062 190	PCHAS_06236 0	1.48497	1.00011	1.45579	1.42349	1.99806	1.3469	0.19472	0.1187485	1.99806	pb	0.1292889	1.346904	pc
PF07_0104	PKH_031860	PVX_096095	PY00879	PBANKA_062 240	PCHAS_06241 0	6.1893	2.95666	0.69171	4.97415	0.42926	5.78315	0.99677	0.5860095	2.95666	pk	0.5361108	0.691715	pv
PF07_0105	PKH_031870	PVX_096090	PY00878	PBANKA_062 250	PCHAS_06242 0	4.0048	4.2649	4.38419	2.87634	4.73514	5.45738	0.57178	0.3845645	2.87634	py	0.3929671	4.735145	pb
PF07_0106	PKH_031900	PVX_096075	PY03677	PBANKA_062 280	PCHAS_06245 0	1.54605	1.35829	1.95888	2.45641	1.87471	1.48237	0.31721	0.1985866	2.45641	py	0.1660689	1.874712	pb
PF07_0108	PKH_021100	PVX_081635	PY02527	PBANKA_021 070	PCHAS_02091 0	4.72195	4.58559	4.50076	0.04118	3.01795	3.91931	0.69898	0.4740552	0.04118	py	0.2218659	3.017947	pb
PF07_0110	PKH_021130	PVX_081650	PY02099	PBANKA_021 100	PCHAS_02094 0	2.96858	2.62865	2.34425	3.46054	1.97928	0.76138	0.66214	0.4211167	0.76138	pc	0.3184238	3.460542	py
PF07_0111	PKH_021140	PVX_081655	PY02098	PBANKA_021 110	PCHAS_02095 0	2.99788	3.57847	5.09897	4.60964	3.16495	6.10231	1.0116	0.7091548	6.10231	pc	0.7412959	2.997884	pf
PF07_0112	PKH_021180	PVX_081675	PY02094	PBANKA_021 150	PCHAS_02099 0	3.66875	3.84028	3.13322	2.24947	3.30322	3.51518	0.38972	0.2145169	2.24947	py	0.2151566	3.303224	pb
PF07_0113	PKH_021190	PVX_081680	PY02093	PBANKA_021 160	PCHAS_02100 0	3.79298	3.74117	3.85033	5.23724	2.63538	4.13877	0.50947	0.322508	5.23724	py	0.1137365	2.635385	pb
PF07_0114	PKH_021210	PVX_081690	PY01290	PBANKA_021 180	PCHAS_02102 0	4.14325	3.07405	2.92195	1.75309	4.00757	1.15893	0.89848	0.6951558	1.15893	pc	0.6016435	4.143252	pf
PF07_0115	PKH_021220	PVX_081695	PY01447	PBANKA_021 190	PCHAS_02103 0	2.65152	3.27858	3.57903	3.06314	4.68609	5.85988	0.85529	0.5100921	5.85988	pc	0.2857375	4.68609	pb
PF07_0116	PKH_021230	PVX_081700	PY00092	PBANKA_021 200	PCHAS_02104 0	1.02746	0.16807	5.12954	1.08452	5.58423	0.70788	0.75073	0.5285753	5.12954	pv	0.566558	1.084524	py

PF07_0117	PKH_021240	PVX_081705	PY00093	PBANKA_021 210	PCHAS_02105 0	2.84949	2.5602	2.68945	2.97187	2.80253	1.68569	0.28143	0.1143433	1.68569	pc	0.1005924	2.971875	py
PF07_0119	PKH_021270	PVX_081715	PY01308	PBANKA_021 240	PCHAS_02108 0	3.64581	3.3482	3.42385	4.15939	3.47628	3.0943	0.23585	0.1359164	4.15939	py	0.1567878	3.476277	pb
PF07_0120	PKH_021350	PVX_081755	PY01476	PBANKA_021 320	PCHAS_02116 0	4.06163	4.50692	5.28283	1.96312	4.80551	4.87743	0.73902	0.3183419	1.96312	py	0.3979274	4.805508	pb
PF07_0122	PKH_021380	PVX_081770	PY01473	PBANKA_021 350	PCHAS_02119 0	1.78661	1.85396	2.0126	1.34012	0.72878	1.19177	0.39875	0.2669336	0.72878	pb	0.1849594	1.191774	pc
PF08_0006	PKH_050160	PVX_088890	PY07166	PBANKA_070 150	PCHAS_09365 0	2.81559	2.48365	2.10138	5.90162	2.79057	3.09896	0.74009	0.2659031	5.90162	py	0.3323788	2.790574	pb
PF08_0008	PKH_050210	PVX_088910	PY07130	PBANKA_070 190	PCHAS_09361 0	6.20863	6.1312	6.03428	4.41931	5.83734	5.97083	0.35777	0.106334	4.41931	py	0.083683	5.837338	pb
PF08_0009	PKH_050240	PVX_088930	PY07384	PBANKA_070 220	PCHAS_09358 0	4.44172	3.51326	2.89287	3.20579	2.95848	1.84869	0.57679	0.395499	4.44172	pf	0.3556782	3.513263	pk
PF08_0010	PKH_050260	PVX_088940	PY05779	PBANKA_070 240	PCHAS_09356 0	2.668	3.92165	5.60822	6.1189	5.3538	5.09621	0.89918	0.5418527	2.668	pf	0.3192789	3.921652	pk
PF08_0011	PKH_050270	PVX_088945	PY05778	PBANKA_070 250	PCHAS_09355 0	3.09003	2.93841	2.35799	2.51496	2.19309	2.64749	0.26832	0.2069664	3.09003	pf	0.1528449	2.93841	pk
PF08_0012	PKH_050310	PVX_088965	PY00637	PBANKA_070 290	PCHAS_09351 0	4.7399	4.87003	5.2958	5.57328	0.50956	5.88635	0.55777	0.3699397	0.50956	pb	0.3147868	5.886353	pc
PF08_0014	PKH_050340	PVX_088985	PY04436	PBANKA_070 320	PCHAS_09348 0	4.06486	3.15256	3.63508	3.00303	3.64214	3.62158	0.26082	0.2243258	4.06486	pf	0.1631508	3.152555	pk
PF08_0018	PKH_050380	PVX_089010	PY06191	PBANKA_070 360	PCHAS_09344 0	2.66124	1.78127	2.57869	2.39303	1.55995	2.257	0.33912	0.2403308	1.55995	pb	0.2664052	2.257	pc
PF08_0019	PKH_050410	PVX_089025	PY00516	PBANKA_070 390	PCHAS_09341 0	2.35435	2.56908	2.34389	0.24039	2.51704	3.12923	0.54612	0.2000147	0.24039	py	0.2500184	2.517042	pb
PF08_0020	PKH_050430	PVX_089035	PY00518	PBANKA_070 410	PCHAS_09339 0	3.72206	5.10789	4.94555	4.45473	1.00558	2.62131	1.09069	0.7420147	1.00558	pb	0.4691641	2.621312	pc
PF08_0021	PKH_050450	PVX_089045	PY05573	PBANKA_070 430	PCHAS_09337 0	4.34375	4.27238	5.49993	4.46798	3.8264	4.80629	0.38861	0.2350983	5.49993	pv	0.2628153	4.467978	py
PF08_0022	PKH_050460	PVX_089050	PY05572	PBANKA_070 440	PCHAS_09336 0	5.58058	3.54153	4.24113	2.10708	4.49028	5.33425	0.91923	0.6264333	2.10708	py	0.7830417	4.49028	pb
PF08_0023	PKH_050490	PVX_089065	PY01032	PBANKA_070 470	PCHAS_09333 0	1.28819	3.02251	1.1218	0.65415	6.13063	1.52046	0.7013	0.4614123	3.02251	pk	0.5767654	1.121795	pv
PF08_0026	PKH_050550	PVX_089085	PY01886	PBANKA_070 510	PCHAS_09329 0	1.44774	1.69164	2.25176	2.39809	0.66962	1.59297	0.43853	0.3218276	0.66962	pb	0.3776174	1.592971	pc
PF08_0027	PKH_050610	PVX_089115	PY03121	PBANKA_070 570	PCHAS_07150 0	1.73496	2.4902	1.54378	0.07902	1.76777	1.40718	0.49383	0.2614034	0.07902	py	0.3185516	1.767772	pb
PF08_0028	PKH_050620	PVX_089120	PY03123	PBANKA_070 580	PCHAS_07151 0	2.09017	1.52922	2.47801	2.20229	3.15056	2.33556	0.35708	0.2388365	3.15056	pb	0.2652275	2.335561	pc
PF08_0031	PKH_050710	PVX_089165	PY02084	PBANKA_070 670	PCHAS_07160 0	3.11008	3.64769	2.30146	2.85037	0.78924	4.70142	0.91969	0.6394555	0.78924	pb	0.4014842	4.701418	pc
PF08_0032	PKH_050720	PVX_089170	PY04500	PBANKA_070 680	PCHAS_07161 0	3.483	3.81615	3.88776	2.67356	3.16716	4.27396	0.44236	0.3023138	2.67356	py	0.2156434	3.167156	pb

PF08_0033	PKH_050750	PVX_089185	PY04502	PBANKA_070 710	PCHAS_07164 0	5.64104	3.75619	0.69311	0.01578	6.24502	3.99404	1.0215	0.7280359	3.75619	pk	0.7272266	0.693111	pv
PF08_0034	PKH_050770	PVX_089200	PY02679	PBANKA_070 730	PCHAS_07166 0	3.14447	3.95447	3.71595	1.99163	0.49333	2.60322	0.95445	0.6151136	0.49333	pb	0.6335811	2.603222	pc
PF08_0035	PKH_050810	PVX_089220	PY02500	PBANKA_070 770	PCHAS_07170 0	5.98801	0.08607	5.95405	0.0051	5.7273	5.93541	0.17146	0.1227165	0.08607	pk	0.1533956	5.954052	pv
PF08_0036	PKH_050840	PVX_089235	PY02497	PBANKA_070 800	PCHAS_07173 0	0.02527	4.71025	3.72037	5.28364	2.51082	0.12107	1.17582	0.8564156	2.51082	pb	0.7903679	0.121066	pc
PF08_0037	PKH_050890	PVX_089260	PY04243	PBANKA_070 870	PCHAS_07178 0	2.09975	1.35554	2.66002	3.08688	2.79901	4.99178	0.79373	0.4861189	4.99178	pc	0.281527	1.355537	pk
PF08_0038	PKH_050900	PVX_089265	PY04244	PBANKA_070 880	PCHAS_07179 0	3.7458	3.6654	2.61327	0.65832	2.3683	3.50831	0.87993	0.4859243	0.65832	py	0.3224043	2.368304	pb
PF08_0039	PKH_050930	PVX_089280	PY04247	PBANKA_070 910	PCHAS_07182 0	2.32528	2.28823	2.4448	2.30135	2.78008	2.15166	0.13482	0.0660396	2.78008	pb	0.0451265	2.15166	pc
PF08_0040	PKH_050940	PVX_089285	PY04248	PBANKA_070 920	PCHAS_07183 0	1.66039	2.91843	2.47213	1.55272	2.76337	0.37549	0.76089	0.4937378	0.37549	pc	0.5055975	2.918432	pk
PF08_0043	PKH_050980	PVX_089300	PY03687	PBANKA_070 960	PCHAS_07187 0	2.17016	3.89577	4.25913	5.77546	2.13942	1.32974	1.22727	0.9371479	5.77546	py	1.1637517	2.139422	pb
PF08_0044	PKH_050990	PVX_089305	PY05890	PBANKA_070 970	PCHAS_07188 0	0.90186	6.05991	0.16026	4.82425	6.23237	5.05483	0.65364	0.5593473	0.90186	pf	0.6991841	6.059913	pk
PF08_0048	PKH_051120	PVX_089365	PY01180	PBANKA_071 080	PCHAS_07199 0	2.22494	3.19953	3.57943	2.25972	2.90316	2.50859	0.44815	0.3236063	3.57943	pv	0.3422905	2.259722	py
PF08_0049	PKH_051130	PVX_089370	PY03069	PBANKA_071 090	PCHAS_07200 0	2.51169	3.08648	2.20929	6.2417	3.80469	1.51023	0.95414	0.6343279	6.2417	py	0.4696605	3.80469	pb
PF08_0054	PKH_051230	PVX_089425	PY06158	PBANKA_071 190	PCHAS_07210 0	2.58752	3.00359	2.73699	2.40023	2.9277	2.01179	0.27812	0.1887089	2.01179	pc	0.1692361	3.00359	pk
PF08_0055	PKH_051240	PVX_089430	PY03839	PBANKA_071 200	PCHAS_07211 0	1.32929	1.19294	1.88967	0.0998	0.40356	0.60388	0.55078	0.4037751	1.88967	pv	0.3786988	0.099797	py
PF08_0056	PKH_051330	PVX_089490	PY00088	PBANKA_071 230	PCHAS_07214 0	0.34191	5.88609	5.21117	4.73885	6.17826	0.9157	0.69436	0.5453443	4.73885	py	0.6816804	6.17826	pb
PF08_0058	PKH_051430	PVX_089535	PY05167	PBANKA_071 320	PCHAS_07223 0	5.81913	6.02511	6.14844	5.94691	5.78235	5.92232	0.09945	0.0741097	6.14844	pv	0.0864881	5.946912	py
PF08_0062	PKH_051560	PVX_089565	PY05592	PBANKA_071 390	PCHAS_07230 0	2.33067	4.29954	5.69237	4.30722	4.791	5.74345	0.88156	0.5658108	2.33067	pf	0.5843986	4.299538	pk
PF08_0063	PKH_051590	PVX_089580	PY00565	PBANKA_071 420	PCHAS_07233 0	3.11741	3.00344	2.69899	2.31926	3.05505	2.47429	0.28056	0.1998371	2.31926	py	0.2368942	3.055051	pb
PF08_0065	PKH_051650	PVX_089605	PY00572	PBANKA_071 480	PCHAS_07239 0	1.25116	2.51028	2.03037	1.37284	1.56189	1.04767	0.40515	0.2586866	2.51028	pk	0.1589741	2.030372	pv
PF08_0068	PKH_142310	PVX_123005	PY04441	PBANKA_142 230	PCHAS_14241 0	3.9308	3.35787	3.0743	4.99051	3.18482	2.38802	0.60534	0.3652687	4.99051	py	0.4565859	3.184821	pb
PF08_0069	PKH_142320	PVX_123010	PY04443	PBANKA_142 240	PCHAS_14242 0	2.65613	3.17746	2.81189	2.55192	1.91144	3.73416	0.434	0.3051974	3.73416	pc	0.1953234	1.911441	pb
PF08_0071	PKH_142350	PVX_123030	PY05422	PBANKA_142 270	PCHAS_14245 0	4.01307	6.23747	2.42654	5.88686	2.98348	2.11838	1.29113	0.9847778	5.88686	py	1.0917375	2.983478	pb

PF08_0073	PKH_142370	PVX_123040	PY05340	PBANKA_142 290	PCHAS_14247 0	6.02791	3.57613	0.8502	6.12686	0.47818	5.90001	0.75293	0.3933662	3.57613	pk	0.2400748	0.850202	pv
PF08_0074	PKH_142420	PVX_123060	PY07825	PBANKA_142 330	PCHAS_14251 0	2.1706	3.00575	2.2854	3.1192	2.69421	2.54354	0.30327	0.2487922	3.1192	py	0.2733227	2.694211	pb
PF08_0075	PKH_142440	PVX_123070	PY06465	PBANKA_142 350	PCHAS_14253 0	2.40012	0.47637	2.73541	2.4113	2.7875	2.33617	0.45359	0.157323	0.47637	pk	0.1156244	2.735415	pv
PF08_0076	PKH_142450	PVX_123075	PY06464	PBANKA_142 360	PCHAS_14254 0	2.29105	2.33597	2.41909	2.16592	2.7161	2.29496	0.11987	0.0596173	2.7161	pb	0.0745216	2.29496	pc
PF08_0080	PKH_142500	PVX_123100	PY00460	PBANKA_142 400	PCHAS_14258 0	3.5858	1.35902	1.35579	2.45123	3.34205	5.06266	1.13741	0.8426081	5.06266	pc	0.779402	1.355793	pv
PF08_0081	PKH_142510	PVX_123105	PY00458	PBANKA_142 420	PCHAS_14260 0	1.67263	0.5213	4.08421	2.76978	2.64049	1.88028	0.90338	0.643267	4.08421	pv	0.5817084	2.76978	py
PF08_0083	PKH_142550	PVX_123125	PY03189	PBANKA_142 460	PCHAS_14264 0	0.57064	0.47311	0.08708	4.6384	0.5377	1.99277	0.69762	0.4006447	4.6384	py	0.5008058	0.537695	pb
PF08_0085	PKH_142600	PVX_123140	PY01792	PBANKA_142 490	PCHAS_14267 0	4.08412	5.45469	0.51416	2.29715	2.18134	0.01883	1.33356	1.0576307	4.08412	pf	0.9863743	5.45469	pk
PF08_0087	PKH_142620	PVX_123150	PY01795	PBANKA_142 510	PCHAS_14269 0	3.18164	3.52751	3.72703	3.72606	3.38243	4.27686	0.27306	0.177803	4.27686	pc	0.1357855	3.181638	pf
PF08_0089	PKH_142650	PVX_123165	PY03874	PBANKA_142 540	PCHAS_14272 0	3.00948	4.90653	3.32308	2.33655	3.02211	2.47704	0.57144	0.306319	4.90653	pk	0.3044987	3.323081	pv
PF08_0091	PKH_142700	PVX_123190	PY04682	PBANKA_142 590	PCHAS_14277 0	5.01545	6.0207	5.59151	3.89908	6.05351	5.57698	0.52904	0.2963557	3.89908	py	0.2549449	6.053511	pb
PF08_0092	PKH_142710	PVX_123195	PY04681	PBANKA_142 600	PCHAS_14278 0	1.64636	1.58161	1.97826	1.97498	2.48621	1.45137	0.29335	0.1840521	2.48621	pb	0.1813163	1.451367	pc
PF08_0093	PKH_142750	PVX_123215	PY01172	PBANKA_142 640	PCHAS_14282 0	4.38852	0.30986	4.88414	3.97081	2.7132	3.86561	0.88602	0.5387711	0.30986	pk	0.4451317	4.884138	pv
PF08_0095	PKH_142780	PVX_123230	PY02226	PBANKA_142 670	PCHAS_14285 0	2.69604	5.90942	2.7995	1.39229	2.81105	1.84593	0.90702	0.4744643	5.90942	pk	0.5672153	2.7995	pv
PF08_0096	PKH_142800	PVX_123240	PY02224	PBANKA_142 690	PCHAS_14287 0	2.42936	1.35418	2.56808	2.44253	1.35444	1.31338	0.56966	0.4408653	2.56808	pv	0.2790595	2.442525	py
PF08_0097	PKH_142820	PVX_123250	PY06110	PBANKA_142 710	PCHAS_14289 0	2.86511	2.59868	2.30464	3.25617	2.89598	3.48512	0.31147	0.2554996	2.30464	pv	0.2293287	3.256167	py
PF08_0098	PKH_142840	PVX_123265	PY01655	PBANKA_142 730	PCHAS_14291 0	3.08068	2.60908	3.64175	3.13089	2.65816	2.0672	0.41981	0.3010797	2.0672	pc	0.2360833	3.641745	pv
PF08_0099	PKH_142860	PVX_123275	PY01656	PBANKA_142 750	PCHAS_14293 0	2.45567	0.29187	5.95318	5.28623	3.6263	3.16418	1.42805	1.1239127	0.29187	pk	0.8231702	5.953182	pv
PF08_0100	PKH_142890	PVX_123295	PY01658	PBANKA_142 770	PCHAS_14295 0	0.16972	0.33707	4.43468	5.48855	5.71812	1.02698	0.79033	0.5447494	4.43468	pv	0.4398473	5.488547	py
PF08_0108	PKH_011000	PVX_088125	PY06692	PBANKA_122 250	PCHAS_12231 0	6.20929	0.17343	6.18178	6.13554	0.65262	5.91527	0.22819	0.123019	0.65262	pb	0.0871456	5.915265	pc
PF08_0110	PKH_011100	PVX_088180	PY01075	PBANKA_122 330	PCHAS_12239 0	3.26217	3.01554	2.4315	2.38215	1.88308	2.02932	0.40244	0.3069279	3.26217	pf	0.2253107	3.015542	pk
PF08_0111	PKH_011120	PVX_088190	PY07254	PBANKA_122 350	PCHAS_12241 0	2.21605	3.24937	1.95772	0.43945	5.98066	4.81168	1.36374	1.0657006	4.81168	pc	1.0092113	3.249375	pk

PF08_0112	PKH_011140	PVX_088200	PY07256	PBANKA_122 370	PCHAS_12243 0	3.29143	4.37423	2.73444	4.34769	2.0205	1.56596	0.94874	0.7933967	1.56596	pc	0.7210456	4.374233	pk
PF08_0113	PKH_011150	PVX_088205	PY05420	PBANKA_122 380	PCHAS_12244 0	6.16331	5.79832	4.94953	3.15705	4.55152	2.23057	1.162	0.8506127	2.23057	pc	0.6151473	3.157055	py
PF08_0114	PKH_011170	PVX_088215	PY02868	PBANKA_122 400	PCHAS_12246 0	2.23359	3.15161	1.58468	3.4566	3.57671	2.29756	0.67818	0.5004323	1.58468	pv	0.5492928	3.456601	py
PF08_0115	PKH_011190	PVX_088225	PY02866	PBANKA_122 420	PCHAS_12248 0	6.24473	0.36708	0.29379	1.41994	0.65006	0.89389	0.39024	0.2577209	1.41994	py	0.2514083	0.650056	pb
PF08_0117	PKH_011240	PVX_088250	PY05153	PBANKA_122 470	PCHAS_12253 0	2.36011	2.89155	5.857	4.2729	3.4524	2.42343	0.98454	0.5883526	5.857	pv	0.3901035	4.2729	py
PF08_0120	PKH_011370	PVX_093515	PY00381	PBANKA_122 570	PCHAS_12263 0	0.26307	6.02892	5.04919	4.61898	4.66401	4.42746	0.65232	0.4063336	0.26307	pf	0.1666891	6.028922	pk
PF08_0121	PKH_011380	PVX_093520	PY00382	PBANKA_122 580	PCHAS_12264 0	1.72173	2.99911	2.12206	4.19204	3.83665	5.18309	1.06148	0.8369777	5.18309	pc	0.7268766	1.721731	pf
PF08_0125	PKH_011460	PVX_093560	PY00808	PBANKA_122 660	PCHAS_12272 0	3.72535	4.86653	4.31283	5.24608	3.13626	4.08276	0.58018	0.4609003	3.13626	pb	0.5186073	4.082758	pc
PF08_0126	PKH_011490	PVX_093575	PY00810	PBANKA_122 680	PCHAS_12274 0	4.67156	5.79081	3.92845	4.29681	4.33796	4.63498	0.42236	0.2162566	5.79081	pk	0.1679418	3.928447	pv
PF08_0128	PKH_011530	PVX_093595	PY05631	PBANKA_122 720	PCHAS_12278 0	2.16436	2.26501	1.26383	2.08847	2.37069	2.11042	0.22289	0.0873597	1.26383	pv	0.0902266	2.088469	py
PF08_0129	PKH_011550	PVX_093605	PY02315	PBANKA_122 740	PCHAS_12280 0	5.56351	6.28094	5.46218	5.33115	5.29526	4.37906	0.38353	0.2436072	4.37906	pc	0.0998209	6.280936	pk
PF08_0132	PKH_011640	PVX_093640	PY03701	PBANKA_122 820	PCHAS_12289 0	3.2265	1.70957	1.60414	2.52218	2.21857	1.9721	0.44691	0.2854065	3.2265	pf	0.2911268	1.709575	pk
PF10_0030	PKH_080130	PVX_094330	PY05646	PBANKA_120 100	PCHAS_12017 0	3.63576	3.04571	2.92802	0.95156	3.05607	3.32765	0.5157	0.1979383	0.95156	py	0.2474229	3.056066	pb
PF10_0032	PKH_080150	PVX_094340	PY04382	PBANKA_120 120	PCHAS_12019 0	3.44847	1.0566	3.28813	2.94052	3.90921	3.51524	0.59795	0.2391605	1.0566	pk	0.2588656	3.288132	pv
PF10_0034	PKH_080170	PVX_094350	PY04290	PBANKA_120 140	PCHAS_12021 0	5.70102	6.17949	5.34682	0.63435	3.8397	5.6877	0.65397	0.4125008	3.8397	pb	0.5122953	5.687701	pc
PF10_0035	PKH_080190	PVX_094360	PY00940	PBANKA_120 160	PCHAS_12023 0	2.8275	3.13667	2.55293	5.01655	3.26407	3.35958	0.52052	0.248645	5.01655	py	0.2789554	3.264074	pb
PF10_0036	PKH_080200	PVX_094365	PY00941	PBANKA_120 170	PCHAS_12024 0	1.4913	2.1035	1.26096	0.19087	1.9884	1.94982	0.51643	0.2679302	0.19087	py	0.3252669	1.9884	pb
PF10_0037	PKH_080210	PVX_094370	PY00942	PBANKA_120 180	PCHAS_12025 0	5.90604	6.0797	5.77785	5.41038	5.97431	6.05548	0.1692	0.0902562	5.41038	py	0.1128203	5.974309	pb
PF10_0038	PKH_080220	PVX_094375	PY00943	PBANKA_120 190	PCHAS_12026 0	2.21472	0.81781	2.50933	2.46679	2.65523	2.49122	0.35941	0.0966099	0.81781	pk	0.1162336	2.509333	pv
PF10_0040	PKH_080240	PVX_094385	PY04338	PBANKA_120 210	PCHAS_12028 0	0.95917	2.48149	2.03922	2.79438	2.15971	0.62767	0.63492	0.455495	0.62767	pc	0.2692345	0.959171	pf
PF10_0041	PKH_080250	PVX_094390	PY05417	PBANKA_120 220	PCHAS_12029 0	2.05913	3.27019	2.25002	2.30431	2.27207	2.27368	0.21116	0.0537687	3.27019	pk	0.0616976	2.250021	pv
PF10_0043	PKH_080270	PVX_094400	PY07370	PBANKA_120 240	PCHAS_12031 0	2.41602	2.87191	2.55527	2.70952	2.4385	2.31986	0.16039	0.1057815	2.87191	pk	0.1030355	2.555269	pv

PF10_0046	PKH_080290	PVX_094410	PY06662	PBANKA_120 260	PCHAS_12033 0	0.92093	6.27117	0.44948	1.52189	0.51404	1.74442	0.53929	0.4010719	1.74442	pc	0.3698256	6.271166	pk
PF10_0047	PKH_080300	PVX_094415	PY05537	PBANKA_120 270	PCHAS_12034 0	3.0776	2.39942	2.29851	2.77979	2.72179	2.02343	0.30964	0.2359276	3.0776	pf	0.2949095	2.39942	pk
PF10_0053	PKH_080360	PVX_094445	PY06890	PBANKA_120 330	PCHAS_12040 0	1.88214	1.70839	2.51198	1.975	2.88119	5.17264	0.8147	0.3605304	5.17264	pc	0.2241147	2.881192	pb
PF10_0058	PKH_080440	PVX_094475	PY01285	PBANKA_120 390	PCHAS_12046 0	4.5146	1.90334	3.01942	3.70573	0.7562	1.80319	1.1295	0.8331516	4.5146	pf	1.0414395	1.903344	pk
PF10_0060	PKH_080460	PVX_094490	PY06601	PBANKA_120 410	PCHAS_12048 0	4.8376	4.61523	3.54204	5.45906	1.71722	4.45815	0.86575	0.4592943	1.71722	pb	0.5348469	4.458151	pc
PF10_0062	PKH_080480	PVX_094500	PY06599	PBANKA_120 430	PCHAS_12050 0	0.66209	3.73254	6.14269	5.47865	3.728	4.26943	1.13944	0.8321604	0.66209	pf	0.9059795	3.732541	pk
PF10_0067	PKH_080540	PVX_094530	PY00047	PBANKA_120 490	PCHAS_12056 0	1.56778	2.35967	1.38209	5.14653	3.12661	1.73126	0.90072	0.5072826	5.14653	py	0.285266	3.126614	pb
PF10_0068	PKH_080550	PVX_094535	PY03354	PBANKA_120 500	PCHAS_12057 0	1.87133	1.85549	2.30279	2.46707	2.87513	2.51143	0.304	0.2503354	2.87513	pb	0.2607593	2.511428	pc
PF10_0071	PKH_080590	PVX_094555	PY01876	PBANKA_120 540	PCHAS_12061 0	5.48557	5.6317	5.02725	4.47139	4.77443	4.59607	0.38377	0.289071	5.6317	pk	0.2981328	5.027249	pv
PF10_0072	PKH_080600	PVX_094560	PY00003	PBANKA_120 550	PCHAS_12062 0	5.95316	5.92479	5.64406	4.03191	5.77834	5.89093	0.38576	0.0911094	4.03191	py	0.0857407	5.778342	pb
PF10_0073	PKH_080610	PVX_094565	PY00004	PBANKA_120 560	PCHAS_12063 0	5.29534	3.78798	1.81315	2.86682	4.58292	4.77027	1.0301	0.6821614	1.81315	pv	0.4236774	2.866824	py
PF10_0074	PKH_080630	PVX_094575	PY00006	PBANKA_120 580	PCHAS_12065 0	2.36416	3.20575	2.41544	4.96554	3.88717	3.60353	0.74515	0.5422181	4.96554	py	0.5074188	3.887165	pb
PF10_0075	PKH_080640	PVX_094580	PY00007	PBANKA_120 590	PCHAS_12066 0	3.59319	5.84334	2.54276	4.09117	0.83489	1.83858	1.33225	1.0021805	5.84334	pk	1.2527256	2.542762	pv
PF10_0076	PKH_080660	PVX_094585	PY07199	PBANKA_120 600	PCHAS_12067 0	1.95751	0.1586	5.91052	2.01624	1.5156	3.04978	0.95367	0.6783616	5.91052	pv	0.8332714	2.016237	py
PF10_0077	PKH_080670	PVX_094590	PY04269	PBANKA_120 610	PCHAS_12068 0	2.38952	2.19363	2.40299	1.93411	2.16377	2.74272	0.20729	0.1389254	2.74272	pc	0.1087746	1.934106	py
PF10_0078	PKH_080680	PVX_094595	PY07179	PBANKA_120 620	PCHAS_12069 0	2.82037	5.78804	5.79303	1.09556	2.32473	1.80281	1.13961	0.9079394	5.78804	pk	0.5616827	5.793029	pv
PF10_0079	PKH_080690	PVX_094600	PY00764	PBANKA_120 630	PCHAS_12070 0	3.66414	1.39855	5.03527	1.2951	0.36733	0.97136	1.0445	0.7148476	3.66414	pf	0.7867635	1.398548	pk
PF10_0080	PKH_080700	PVX_094605	PY00765	PBANKA_120 640	PCHAS_12071 0	4.8319	4.32521	3.93765	4.70802	4.11927	4.71001	0.3113	0.2194864	3.93765	pv	0.274358	4.708024	py
PF10_0081	PKH_080720	PVX_094615	PY00768	PBANKA_120 660	PCHAS_12073 0	4.26577	1.64159	3.84578	3.67352	3.32449	3.83597	0.55132	0.2227074	1.64159	pk	0.2759319	3.845776	pv
PF10_0084	PKH_080750	PVX_094635	PY05711	PBANKA_120 690	PCHAS_12076 0	4.39372	4.83384	5.26803	4.82449	5.14691	4.37713	0.27557	0.241978	5.26803	pv	0.3024725	4.824486	py
PF10_0086	PKH_080830	PVX_094660	PY01562	PBANKA_120 720	PCHAS_12079 0	2.96983	3.29334	3.45846	2.29542	3.59732	3.87586	0.39551	0.2420035	2.29542	py	0.2677898	3.597321	pb
PF10_0087	PKH_080840	PVX_094665	PY01561	PBANKA_120 730	PCHAS_12080 0	1.50506	2.92927	1.66226	2.80339	2.55095	1.90135	0.53582	0.4338102	1.50506	pf	0.4476829	2.929274	pk

PF10_0090	PKH_080870	PVX_094680	PY02537	PBANKA_120760	PCHAS_120830	2.07321	3.69835	1.46999	3.55801	2.31515	1.95786	0.67841	0.4890623	3.69835	pk	0.4605235	1.469994	pv
PF10_0095	PKH_080920	PVX_094705	PY02531	PBANKA_120810	PCHAS_120880	1.42706	3.59971	2.78254	4.70064	3.00135	1.47424	0.93631	0.7399515	4.70064	py	0.8702374	3.001346	pb
PF10_0097	PKH_080950	PVX_094720	PY04009	PBANKA_120840	PCHAS_120910	5.72971	2.45202	3.06766	3.11913	3.80342	1.65082	0.91363	0.5639419	5.72971	pf	0.5510176	2.452025	pk
PF10_0099	PKH_080970	PVX_094730	PY04011	PBANKA_120860	PCHAS_120930	1.88014	2.63781	2.30784	1.48763	1.23951	1.78361	0.38584	0.2921679	2.63781	pk	0.2341527	2.307842	pv
PF10_0100	PKH_080980	PVX_094735	PY06182	PBANKA_120870	PCHAS_120940	6.24211	0.50957	0.04939	5.23874	0.23597	0.06749	0.30819	0.1474447	5.23874	py	0.1421864	0.235972	pb
PF10_0101	PKH_080990	PVX_094740	PY06184	PBANKA_120880	PCHAS_120950	5.75885	0.35734	0.06478	0.06035	0.06526	2.10652	0.48805	0.1773162	2.10652	pc	0.0743666	5.758847	pf
PF10_0103	PKH_081010	PVX_094750	PY02091	PBANKA_120900	PCHAS_120970	2.18228	2.45447	2.51891	2.5469	2.28026	2.09505	0.16045	0.1206545	2.09505	pc	0.1277087	2.546903	py
PF10_0104	PKH_081020	PVX_094755	PY02090	PBANKA_120910	PCHAS_120980	2.67608	3.13298	2.75673	6.25835	2.83834	4.27112	0.80575	0.3942596	6.25835	py	0.4928245	2.83834	pb
PF10_0105	PKH_081030	PVX_094760	PY02089	PBANKA_120920	PCHAS_120990	3.16692	3.35243	2.54101	5.69899	2.75436	3.80568	0.73247	0.3725471	5.69899	py	0.3625451	2.754364	pb
PF10_0106	PKH_081040	PVX_094765	PY02088	PBANKA_120930	PCHAS_121000	2.12241	3.33079	1.7999	4.43474	3.62241	3.09658	0.72817	0.6061773	4.43474	py	0.6262638	3.622408	pb
PF10_0107	PKH_081050	PVX_094770	PY02086	PBANKA_120940	PCHAS_121010	4.87339	4.21891	0.02641	4.50239	6.16632	6.07575	0.82616	0.6200266	4.21891	pk	0.7165725	0.026408	pv
PF10_0108	PKH_081060	PVX_094775	PY02715	PBANKA_120950	PCHAS_121020	2.89707	3.64442	2.46016	3.24726	3.73442	2.18353	0.51422	0.4043206	2.18353	pc	0.3836098	3.734421	pb
PF10_0111	PKH_081090	PVX_094790	PY06767	PBANKA_120980	PCHAS_121050	3.75934	4.65669	3.38974	3.4922	3.61647	3.81935	0.28949	0.1393496	4.65669	pk	0.1175056	3.389743	pv
PF10_0114	PKH_081120	PVX_094805	PY01513	PBANKA_121010	PCHAS_121080	2.74123	0.0616	4.16253	1.20357	2.16669	2.92252	1.06574	0.7429587	0.0616	pk	0.5733736	4.16253	pv
PF10_0115	PKH_081130	PVX_094810	PY03523	PBANKA_121020	PCHAS_121090	2.72964	0.81218	0.01548	2.16417	2.14855	2.22682	0.69074	0.3991467	0.01548	pv	0.4989334	2.164166	py
PF10_0116	PKH_081140	PVX_094815	PY03522	PBANKA_121030	PCHAS_121100	4.60189	3.55618	3.87414	6.05021	4.17721	4.77563	0.6367	0.3894376	6.05021	py	0.4867969	4.177211	pb
PF10_0117	PKH_081150	PVX_094820	PY03640	PBANKA_121040	PCHAS_121110	5.19599	2.47901	5.29884	2.69498	5.13098	5.49119	0.94684	0.5928142	2.47901	pk	0.7153044	5.29884	pv
PF10_0118	PKH_081160	PVX_094825	PY03641	PBANKA_121050	PCHAS_121120	4.43648	2.84157	3.88868	1.88492	5.88257	3.15146	1.05496	0.7197328	5.88257	pb	0.899666	3.151457	pc
PF10_0119	PKH_081170	PVX_094830	PY03476	PBANKA_121060	PCHAS_121130	5.69859	5.95062	5.64849	4.45939	5.45993	5.58898	0.29823	0.1200604	4.45939	py	0.1029363	5.45993	pb
PF10_0120	PKH_081180	PVX_094835	PY03477	PBANKA_121070	PCHAS_121140	4.8287	4.04206	4.38224	5.44066	4.09751	4.29413	0.36965	0.2142729	5.44066	py	0.218685	4.09751	pb
PF10_0122	PKH_081200	PVX_094845	PY03478	PBANKA_121090	PCHAS_121160	2.37334	1.82014	1.61036	1.70551	2.9226	1.83969	0.33327	0.1794336	2.9226	pb	0.2194048	1.839691	pc
PF10_0123	PKH_081210	PVX_094850	PY03479	PBANKA_121100	PCHAS_121170	1.96601	2.58166	2.03041	1.47548	2.24636	1.91641	0.25009	0.1891206	1.47548	py	0.1824135	2.246356	pb

PF10_0126	PKH_081240	PVX_094865	PY01361	PBANKA_121 130	PCHAS_12120 0	1.71421	2.06848	1.62004	2.27004	2.671	1.45246	0.37047	0.2532054	2.671	pb	0.2510685	1.452461	pc
PF10_0129	PKH_081270	PVX_094880	PY05155	PBANKA_121 160	PCHAS_12123 0	5.07072	5.88433	4.0593	5.05151	4.87518	5.67128	0.44005	0.325783	4.0593	pv	0.4024277	5.051512	py
PF10_0133	PKH_081310	PVX_094900	PY04831	PBANKA_121 200	PCHAS_12127 0	4.24929	4.60995	4.31293	5.42319	4.34954	4.77089	0.31538	0.1637245	5.42319	py	0.2046557	4.349541	pb
PF10_0135	PKH_081330	PVX_094905	PY01919	PBANKA_121 220	PCHAS_12129 0	5.57394	5.88202	5.69257	5.07749	5.48772	5.76588	0.20022	0.1172481	5.07749	py	0.0953485	5.487723	pb
PF10_0136	PKH_081340	PVX_094910	PY01920	PBANKA_121 230	PCHAS_12130 0	1.91737	4.78386	2.76235	2.33617	2.26108	2.77296	0.63409	0.2713728	4.78386	pk	0.2326695	2.762352	pv
PF10_0137	PKH_081350	PVX_094915	PY01921	PBANKA_121 240	PCHAS_12131 0	5.32588	4.74865	5.07256	4.49363	6.0817	5.66534	0.45968	0.3497878	6.0817	pb	0.289041	5.665338	pc
PF10_0141	PKH_081440	PVX_094935	PY05139	PBANKA_121 280	PCHAS_12135 0	1.70749	1.2902	2.76573	5.70506	3.44788	3.90376	1.21555	0.8707919	5.70506	py	0.9179504	3.447884	pb
PF10_0143	PKH_081460	PVX_094945	PY03808	PBANKA_121 300	PCHAS_12137 0	3.96622	5.63351	5.06523	2.0234	0.85951	2.33864	1.52281	1.2190051	5.06523	pv	1.5237563	2.023398	py
PF10_0144	PKH_081470	PVX_094950	PY07442	PBANKA_121 310	PCHAS_12138 0	2.62157	2.33293	1.35329	2.52933	2.80562	2.62782	0.30658	0.1142351	1.35329	pv	0.1197328	2.529327	py
PF10_0145	PKH_081480	PVX_094955	PY07441	PBANKA_121 320	PCHAS_12139 0	2.38838	6.04028	4.28049	4.58404	0.0851	2.31168	1.33534	1.1632797	2.38838	pf	1.0900397	6.04028	pk
PF10_0147	PKH_081500	PVX_094970	PY07439	PBANKA_121 340	PCHAS_12141 0	5.06753	2.51861	3.68954	5.56399	3.61577	2.85832	0.88806	0.6760266	5.56399	py	0.8450332	3.615769	pb
PF10_0148	PKH_081510	PVX_094975	PY07440	PBANKA_121 350	PCHAS_12142 0	4.01865	6.0101	4.71282	2.54601	3.55357	2.20509	1.07282	0.7960759	6.0101	pk	0.7052818	4.712819	pv
PF10_0149	PKH_081520	PVX_094980	PY04618	PBANKA_121 360	PCHAS_12143 0	2.22514	1.61832	2.633	2.27883	2.96633	2.17533	0.3099	0.2397726	1.61832	pk	0.2111722	2.633001	pv
PF10_0150	PKH_081530	PVX_094985	PY04617	PBANKA_121 370	PCHAS_12144 0	2.08027	1.18027	2.1107	1.40639	2.7056	1.70629	0.43394	0.3208625	2.7056	pb	0.4010781	1.706291	pc
PF10_0151	PKH_081540	PVX_094990	PY04616	PBANKA_121 380	PCHAS_12145 0	4.07625	5.58083	4.03062	3.83687	4.31191	3.33314	0.4614	0.2436308	5.58083	pk	0.3045386	4.030618	pv
PF10_0152	PKH_081550	PVX_094995	PY04615	PBANKA_121 390	PCHAS_12146 0	3.75134	3.71733	3.54252	3.46016	3.71728	1.23398	0.49155	0.0931975	1.23398	pc	0.0522173	3.460158	py
PF10_0153	PKH_081560	PVX_095000	PY04614	PBANKA_121 400	PCHAS_12147 0	3.11443	2.25753	2.13502	2.78965	2.77273	2.21546	0.3448	0.2423807	3.11443	pf	0.3029758	2.257532	pk
PF10_0154	PKH_081580	PVX_095010	PY07154	PBANKA_121 420	PCHAS_12149 0	4.18065	4.18056	4.62355	3.73862	4.60856	4.61966	0.29199	0.1764004	3.73862	py	0.2205005	4.608555	pb
PF10_0155	PKH_081610	PVX_095015	PY06644	PBANKA_121 430	PCHAS_12150 0	2.91526	2.60678	2.44701	2.13784	1.94626	2.62932	0.27004	0.191946	1.94626	pb	0.2342962	2.629323	pc
PF10_0165	PKH_060110	PVX_001720	PY00203	PBANKA_050 130	PCHAS_05014 0	3.8839	3.25711	4.01371	2.86825	4.32403	3.9065	0.3725	0.2393473	2.86825	py	0.1948009	4.324033	pb
PF10_0166	PKH_060120	PVX_001725	PY00202	PBANKA_050 140	PCHAS_05015 0	5.51065	5.92726	5.53001	4.93463	5.42221	5.5743	0.19401	0.1137387	4.93463	py	0.1152253	5.422213	pb
PF10_0167	PKH_060130	PVX_001730	PY00201	PBANKA_050 150	PCHAS_05016 0	4.54253	3.78794	4.43508	5.49085	3.44653	3.11477	0.68654	0.4832619	5.49085	py	0.5187262	3.446535	pb

PF10_0168-a	PKH_060140	PVX_001735	PY00200	PBANKA_050160	PCHAS_050170	5.41308	5.96384	4.94454	5.3895	5.99598	5.86238	0.34585	0.2314486	4.94454	pv	0.1710914	5.389498	py
PF10_0170	PKH_060160	PVX_001745	PY02639	PBANKA_050180	PCHAS_050190	0.03315	0.2121	6.10755	5.83404	6.06979	5.93706	0.17971	0.1305575	0.2121	pk	0.1537573	6.107552	pv
PF10_0171	PKH_060170	PVX_001750	PY02640	PBANKA_050190	PCHAS_050200	1.89804	3.2949	3.0016	2.93386	2.79836	2.93594	0.26703	0.1128561	1.89804	pf	0.0513308	3.294899	pk
PF10_0173	PKH_060190	PVX_001755	PY02642	PBANKA_050210	PCHAS_050220	2.41774	0.16639	3.02059	3.29114	1.76642	1.94578	0.80848	0.5199071	0.16639	pk	0.4991714	3.020594	pv
PF10_0174	PKH_060200	PVX_001760	PY02643	PBANKA_050220	PCHAS_050230	3.71675	3.60582	3.34524	2.01121	3.22268	3.76673	0.41836	0.1831112	2.01121	py	0.1331053	3.22268	pb
PF10_0175	PKH_060210	PVX_001765	PY02644	PBANKA_050230	PCHAS_050240	3.14985	3.57673	5.60975	2.7222	2.2931	2.59171	0.78822	0.3683544	5.60975	pv	0.460443	2.722196	py
PF10_0177b	PKH_060240	PVX_001780	PY06959	PBANKA_050260	PCHAS_050270	0.67448	5.99882	4.50757	2.5502	3.99867	3.58103	1.22236	0.8750326	0.67448	pf	0.5937539	5.998819	pk
PF10_0179	PKH_060270	PVX_001790	PY05008	PBANKA_050280	PCHAS_050290	1.24725	1.99225	1.83291	1.36128	0.96655	2.55638	0.46774	0.3222711	2.55638	pc	0.3041582	0.966553	pb
PF10_0180	PKH_060280	PVX_001795	PY02493	PBANKA_050290	PCHAS_050300	1.89065	0.19563	4.7158	0.79983	0.98177	0.67038	0.72894	0.4012821	4.7158	pv	0.5016026	0.799834	py
PF10_0181	PKH_060290	PVX_001800	PY02494	PBANKA_050300	PCHAS_050310	1.10067	3.19345	3.07116	5.63527	1.00606	2.24375	1.17492	0.8315749	5.63527	py	0.7300465	1.006063	pb
PF10_0182	PKH_060300	PVX_001805	PY02495	PBANKA_050310	PCHAS_050320	1.93926	2.68794	2.82559	3.06596	6.14143	2.06338	0.78643	0.3777826	6.14143	pb	0.3160876	2.063376	pc
PF10_0183	PKH_060310	PVX_001810	PY04040	PBANKA_050320	PCHAS_050330	6.19351	0.43375	3.5922	0.12626	2.38811	2.19724	1.27892	0.9097535	3.5922	pv	1.0603202	0.126261	py
PF10_0184	PKH_060320	PVX_001820	PY04041	PBANKA_050330	PCHAS_050340	5.35934	5.64745	5.98852	5.24252	5.4534	6.05542	0.27269	0.206821	6.05542	pc	0.1247478	5.988515	pv
PF10_0187	PKH_060340	PVX_001835	PY05200	PBANKA_050360	PCHAS_050370	2.3539	2.25325	2.65834	2.59597	2.47532	1.88567	0.20614	0.1294327	1.88567	pc	0.1160351	2.658338	pv
PF10_0188	PKH_060350	PVX_001840	PY05202	PBANKA_050370	PCHAS_050380	4.67389	5.70334	4.41427	3.39705	4.53611	5.42694	0.57612	0.4359789	3.39705	py	0.5105287	4.536111	pb
PF10_0191	PKH_060380	PVX_001855	PY00607	PBANKA_050400	PCHAS_050410	4.05095	2.65834	1.88479	5.54818	2.66962	1.89276	0.97214	0.5886037	5.54818	py	0.7329353	2.669621	pb
PF10_0193	PKH_060390	PVX_001860	PY00606	PBANKA_050410	PCHAS_050420	5.59864	5.98489	5.35672	5.44737	5.54792	5.60826	0.13996	0.0805613	5.98489	pk	0.0529022	5.356718	pv
PF10_0194	PKH_060400	PVX_001865	PY00605	PBANKA_050420	PCHAS_050430	3.73905	1.69148	2.32387	1.33022	0.99571	5.78624	0.98757	0.7033179	3.73905	pf	0.7888322	1.691482	pk
PF10_0196	PKH_060430	PVX_001875	PY00602	PBANKA_050450	PCHAS_050460	6.11424	3.31381	6.09271	5.59682	4.1837	4.45842	0.97464	0.7129661	3.31381	pk	0.7672352	6.092706	pv
PF10_0197	PKH_060440	PVX_001880	PY00601	PBANKA_050460	PCHAS_050470	1.88651	2.90145	2.70486	4.4644	3.0028	2.18573	0.59859	0.3664033	4.4644	py	0.3835191	3.002804	pb
PF10_0200	PKH_060470	PVX_001895	PY04574	PBANKA_050490	PCHAS_050500	1.63981	3.11508	1.75303	1.74577	0.99325	0.99576	0.49751	0.3019575	3.11508	pk	0.3491423	1.753029	pv
PF10_0203	PKH_060500	PVX_001905	PY04572	PBANKA_050510	PCHAS_050520	4.24301	4.63583	3.86303	3.00632	4.73841	4.85866	0.52009	0.298206	3.00632	py	0.347112	4.73841	pb

PF10_0204	PKH_060510	PVX_001910	PY03164	PBANKA_050520	PCHAS_050530	4.05401	0.23839	3.39244	5.25162	4.58699	4.21691	0.7828	0.4784294	0.23839	pk	0.3919195	3.392443	pv
PF10_0205	PKH_060520	PVX_001920	PY03165	PBANKA_050530	PCHAS_050540	0.86101	5.19965	3.12219	5.91679	4.49028	0.09149	1.10392	0.7657898	3.12219	pv	0.9572372	5.916787	py
PF10_0208	PKH_060550	PVX_001935	PY02254	PBANKA_050560	PCHAS_050570	2.69085	0.05461	0.44018	5.80036	2.92025	0.63149	1.03844	0.7501094	2.92025	pb	0.8898096	0.631486	pc
PF10_0209	PKH_060560	PVX_001940	PY02253	PBANKA_050570	PCHAS_050580	1.65373	0.15416	2.69828	2.09879	0.34638	1.2282	0.78701	0.6503977	2.69828	pv	0.5953494	2.098794	py
PF10_0210	PKH_060570	PVX_001945	PY02252	PBANKA_050580	PCHAS_050590	2.66033	3.44076	3.42737	2.26809	0.52128	5.38109	1.13325	0.8157505	5.38109	pc	0.4849279	0.521285	pb
PF10_0212a	PKH_060590	PVX_001955	PY04081	PBANKA_050600	PCHAS_050610	5.12141	4.97663	4.79904	4.48513	5.25945	5.52898	0.27484	0.2025531	4.48513	py	0.2186802	5.259452	pb
PF10_0214	PKH_060610	PVX_001965	PY04813	PBANKA_050620	PCHAS_050630	2.75484	3.4805	2.76487	3.75422	0.40142	1.13756	0.95096	0.6684642	0.40142	pb	0.4287533	1.137559	pc
PF10_0215	PKH_060630	PVX_001975	PY05045	PBANKA_050640	PCHAS_050650	3.70206	3.48335	3.17431	2.01207	3.10703	2.00275	0.53964	0.4132624	2.00275	pc	0.2260193	2.012074	py
PF10_0215a	PKH_060620	PVX_001970	PY05046	PBANKA_050630	PCHAS_050640	1.25431	4.38495	2.40137	1.65936	0.66192	0.4738	1.00928	0.5850035	4.38495	pk	0.4444873	2.401374	pv
PF10_0223	PKH_060720	PVX_111565	PY01666	PBANKA_050720	PCHAS_050730	6.08509	5.95967	1.72635	0.94151	3.72995	1.56531	1.10029	0.7626539	3.72995	pb	0.797366	1.565314	pc
PF10_0224	PKH_060730	PVX_111560	PY03506	PBANKA_050730	PCHAS_050740	1.75328	3.9811	1.94689	5.95986	0.07557	0.92471	1.16738	0.7895839	3.9811	pk	0.7314362	1.946886	pv
PF10_0227	PKH_060760	PVX_111545	PY01517	PBANKA_050760	PCHAS_050770	4.20355	3.86663	5.63558	5.08811	3.1388	4.01251	0.65155	0.4572456	5.63558	pv	0.3026571	5.088111	py
PF10_0232	PKH_060810	PVX_111520	PY02297	PBANKA_050810	PCHAS_050820	4.94025	5.90625	5.66561	4.80698	0.70966	1.58455	0.89233	0.6303729	1.58455	pc	0.4561581	0.709659	pb
PF10_0245	PKH_060930	PVX_111455	PY00101	PBANKA_050930	PCHAS_050940	6.01943	3.07034	1.36567	6.03854	4.08225	4.93689	1.26956	0.9336498	3.07034	pk	0.759706	1.365669	pv
PF10_0250	PKH_060980	PVX_111435	PY05441	PBANKA_050970	PCHAS_050980	4.7675	4.03422	2.77863	5.88232	5.862	5.45723	0.93687	0.5885202	2.77863	pv	0.6293801	5.882315	py
PF10_0273	PKH_061220	PVX_111325	PY05972	PBANKA_051200	PCHAS_051210	2.39514	3.16531	3.24891	0.47649	0.00631	5.62988	1.49664	1.2014314	0.00631	pb	0.885646	5.629881	pc
PF10_0276	PKH_061250	PVX_111310	PY02950	PBANKA_051230	PCHAS_051240	4.5539	4.54356	2.57983	5.17525	3.72153	5.29989	0.69735	0.4420102	2.57983	pv	0.3971768	5.175246	py
PF10_0278	PKH_061270	PVX_111300	PY05510	PBANKA_051250	PCHAS_051260	1.814	1.72479	3.24905	0.8225	0.58951	1.00656	0.72821	0.4253554	3.24905	pv	0.4856774	0.822497	py
PF10_0283	PKH_061320	PVX_111280	PY07110	PBANKA_051300	PCHAS_051310	5.99199	6.06471	3.82365	5.27544	6.24219	5.69591	0.58398	0.2671102	3.82365	pv	0.154749	5.275438	py
PF10_0284	PKH_061340	PVX_111270	PY02874	PBANKA_051310	PCHAS_051320	3.2566	2.25334	1.62643	6.03552	3.47373	1.48205	1.02047	0.724368	6.03552	py	0.6003636	3.473726	pb
PF10_0286	PKH_061360	PVX_111260	PY02073	PBANKA_051330	PCHAS_051340	3.3968	2.78999	2.54797	0.38895	4.4813	2.10036	0.93847	0.6459559	0.38895	py	0.3846163	4.481303	pb
PF10_0289	PKH_061390	PVX_111245	PY02076	PBANKA_051360	PCHAS_051370	3.39924	2.74972	5.17301	5.652	3.1704	1.79955	1.0841	0.8045966	5.652	py	1.0057457	3.170404	pb

PF10_0298	PKH_061480	PVX_111200	PY00527	PBANKA_051 450	PCHAS_05146 0	3.3908	3.37435	0.944	3.07258	3.19306	2.70505	0.53943	0.1975033	0.944	pv	0.2167587	3.072582	py
PF10_0307	PKH_061560	PVX_111160	PY05982	PBANKA_051 530	PCHAS_05154 0	5.75404	5.18663	5.53059	2.44557	4.94555	4.35118	0.78816	0.3975796	2.44557	py	0.436704	4.945546	pb
PF10_0312	PKH_061610	PVX_111135	PY06322	PBANKA_051 560	PCHAS_05157 0	5.1979	4.75142	6.13096	5.59796	3.75156	4.38939	0.67241	0.5176215	3.75156	pb	0.4449004	4.389394	pc
PF10_0314	PKH_061650	PVX_111120	PY00841	PBANKA_051 590	PCHAS_05160 0	1.13149	0.25611	1.32575	1.43709	5.72405	0.82911	0.56137	0.3355242	5.72405	pb	0.343809	0.829106	pc
PF10_0319	PKH_061710	PVX_111090	PY02600	PBANKA_051 650	PCHAS_05166 0	2.75796	0.63765	6.11319	2.66383	2.26471	2.37848	0.84465	0.503885	6.11319	pv	0.558519	2.663825	py
PF10_0321	PKH_061740	PVX_111075	PY04753	PBANKA_051 680	PCHAS_05169 0	1.9741	0.62688	5.42323	4.03713	2.98604	2.8589	1.16442	0.8844403	5.42323	pv	0.8109913	4.037134	py
PF10_0324	PKH_061770	PVX_111060	PY03151	PBANKA_051 710	PCHAS_05172 0	2.62152	3.12413	3.56397	0.2198	2.27897	0.03724	1.12893	0.8378662	0.03724	pc	0.4469031	0.219798	py
PF10_0326	PKH_061790	PVX_111050	PY03149	PBANKA_051 730	PCHAS_05174 0	1.80905	2.30598	3.19229	2.28317	0.00835	1.90643	0.67627	0.3565577	0.00835	pb	0.351514	1.906433	pc
PF10_0327	PKH_061800	PVX_111045	PY03148	PBANKA_051 740	PCHAS_05175 0	2.00149	1.18403	2.51317	1.97961	0.37097	2.39438	0.5624	0.3487804	0.37097	pb	0.3377532	2.394375	pc
PF10_0331	PKH_061890	PVX_111025	PY00467	PBANKA_051 780	PCHAS_05179 0	1.47259	3.75966	6.28054	3.35951	1.29764	4.70848	1.43649	1.1395821	6.28054	pv	1.3773278	3.359513	py
PF10_0332	PKH_061910	PVX_111015	PY00465	PBANKA_051 800	PCHAS_05181 0	3.74843	3.95205	5.85346	3.24984	0.10215	5.10887	1.06622	0.7928121	0.10215	pb	0.7018094	5.108869	pc
PF10_0335	PKH_061940	PVX_111000	PY05469	PBANKA_051 830	PCHAS_05184 0	4.19976	0.02009	1.28669	4.51059	2.46728	2.61361	1.25832	0.9912754	0.02009	pk	0.9073645	1.286695	pv
PF10_0337	PKH_061960	PVX_110990	PY05471	PBANKA_051 850	PCHAS_05186 0	5.22193	3.96371	4.55571	4.42302	5.82045	5.2658	0.56096	0.4202001	5.82045	pb	0.3477263	5.265801	pc
PF10_0338	PKH_061970	PVX_110985	PY05474	PBANKA_051 860	PCHAS_05187 0	4.1087	3.13904	3.5458	5.90979	3.25306	2.57935	0.76547	0.3872207	5.90979	py	0.4840259	3.253058	pb
PF10_0359	PKH_062090	PVX_110925	PY01011	PBANKA_051 970	PCHAS_05199 0	2.76458	2.85168	2.46481	5.94976	3.19392	3.21858	0.71353	0.2366223	5.94976	py	0.2102165	3.193922	pb
PF10_0361	PKH_062110	PVX_110915	PY01008	PBANKA_051 990	PCHAS_05201 0	1.63424	1.67533	5.91401	2.73655	1.12714	2.16614	0.69764	0.428262	5.91401	pv	0.270023	2.736548	py
PF10_0363	PKH_062130	PVX_110905	PY03879	PBANKA_052 000	PCHAS_05202 0	3.09736	3.35063	2.45017	3.67436	3.37035	0.12412	0.75897	0.2994349	0.12412	pc	0.1491796	2.450175	pv
PF10_0368	PKH_062180	PVX_110885	PY04073	PBANKA_052 040	PCHAS_05206 0	5.77826	5.95029	6.17154	3.66329	5.35217	5.58299	0.55027	0.2373341	3.66329	py	0.1901453	5.352169	pb
PF10_0373	PKH_062240	PVX_110850	PY06809	PBANKA_052 100	PCHAS_05212 0	2.37322	2.33389	3.85835	3.54357	1.37509	2.20617	0.64333	0.4671059	3.85835	pv	0.2814636	3.543566	py
PF11_0043	PKH_090030	PVX_090845	PY06972	PBANKA_094 360	PCHAS_09007 0	2.2269	1.63065	2.42736	2.69906	2.61462	2.67545	0.28404	0.1440527	1.63065	pk	0.1332499	2.427358	pv
PF11_0047	PKH_090080	PVX_090865	PY00904	PBANKA_094 330	PCHAS_09010 0	1.97173	2.73839	2.88352	3.0071	2.91687	2.8453	0.20868	0.0680564	1.97173	pf	0.0487878	2.738388	pk
PF11_0048	PKH_090090	PVX_090870	PY01939	PBANKA_094 320	PCHAS_09011 0	2.77926	4.95834	2.09261	3.09759	2.99742	2.12095	0.67675	0.3762886	4.95834	pk	0.2986992	2.092613	pv

PF11_0049	PKH_090100	PVX_090875	PY01940	PBANKA_094 310	PCHAS_09012 0	4.22918	1.27215	2.53387	5.28853	2.94059	2.34192	1.05173	0.7111387	5.28853	py	0.787244	2.940587	pb
PF11_0052	PKH_090130	PVX_090885	PY02378	PBANKA_094 280	PCHAS_09015 0	1.03376	3.2671	1.91568	2.75209	1.941	1.64971	0.56017	0.4019232	3.2671	pk	0.502404	1.915679	pv
PF11_0053	PKH_090140	PVX_090890	PY02376	PBANKA_094 270	PCHAS_09016 0	1.86555	5.87235	0.53874	2.70915	6.02212	2.26712	1.1625	0.9609156	2.70915	py	1.0011934	6.02212	pb
PF11_0055	PKH_090160	PVX_090900	PY03715	PBANKA_094 250	PCHAS_09018 0	3.28455	4.40376	3.25871	3.13445	2.47297	3.32722	0.35823	0.2008702	4.40376	pk	0.2510878	3.258709	pv
PF11_0058-a	PKH_090190	PVX_090915	PY02385	PBANKA_094 220	PCHAS_09021 0	2.76993	2.40136	2.63772	5.06655	2.8915	3.55145	0.61674	0.2807713	5.06655	py	0.3205738	2.891496	pb
PF11_0059	PKH_090200	PVX_090920	PY02384	PBANKA_094 210	PCHAS_09022 0	2.8665	2.63066	2.45125	5.73006	2.56015	2.30611	0.64218	0.1479593	5.73006	py	0.1849491	2.560149	pb
PF11_0065	PKH_090260	PVX_090950	PY03779	PBANKA_094 150	PCHAS_09028 0	2.42	2.10897	2.53281	2.56945	2.6767	2.32758	0.15373	0.0997145	2.10897	pk	0.1246431	2.532808	pv
PF11_0066	PKH_090270	PVX_090955	PY03778	PBANKA_094 140	PCHAS_09029 0	4.42255	5.27767	5.20318	5.46606	5.47549	6.11935	0.35959	0.2227994	4.42255	pf	0.2313995	5.277665	pk
PF11_0067	PKH_090280	PVX_090960	PY03777	PBANKA_094 130	PCHAS_09030 0	0.79329	0.44658	0.65231	0.12079	6.138	2.70992	0.62222	0.2939993	2.70992	pc	0.2195587	6.137999	pb
PF11_0068	PKH_090290	PVX_090965	PY03776	PBANKA_094 120	PCHAS_09031 0	1.64817	2.94286	2.65737	3.58988	3.37962	2.71326	0.48226	0.3197738	1.64817	pf	0.3997173	2.942865	pk
PF11_0069	PKH_090300	PVX_090970	PY03372	PBANKA_094 110	PCHAS_09032 0	3.31285	3.2809	2.38397	3.18952	3.09848	5.57183	0.58227	0.2222602	5.57183	pc	0.0764391	2.383971	pv
PF11_0071	PKH_090320	PVX_090975	PY03371	PBANKA_094 090	PCHAS_09034 0	2.20987	2.73182	1.07795	2.29884	2.60478	2.45835	0.36805	0.1655767	1.07795	pv	0.1670924	2.298841	py
PF11_0072	PKH_090330	PVX_090980	PY03370	PBANKA_094 080	PCHAS_09035 0	4.03518	4.26144	3.52168	2.71541	4.28149	4.46451	0.45586	0.2378264	2.71541	py	0.2922709	4.281488	pb
PF11_0073	PKH_090340	PVX_090985	PY03369	PBANKA_094 070	PCHAS_09036 0	3.46069	3.12462	2.71847	0.99691	3.04962	0.05142	0.97802	0.5739867	0.05142	pc	0.2043051	0.996909	py
PF11_0076	PKH_090370	PVX_091000	PY05771	PBANKA_094 040	PCHAS_09039 0	2.48777	1.51161	2.43138	2.20427	2.48757	1.95522	0.28927	0.163172	1.51161	pk	0.2039649	2.431379	pv
PF11_0078	PKH_090390	PVX_091010	PY06416	PBANKA_094 020	PCHAS_09041 0	2.36773	2.49577	2.69412	5.45469	3.40882	2.36718	0.72116	0.2736072	5.45469	py	0.1137459	3.408823	pb
PF11_0079	PKH_090400	PVX_091015	PY02790	PBANKA_094 010	PCHAS_09042 0	2.99877	3.00999	2.96675	2.94056	5.01596	2.43225	0.44753	0.12719	5.01596	pb	0.0253607	2.432246	pc
PF11_0083	PKH_090430	PVX_091030	PY03627	PBANKA_093 980	PCHAS_09045 0	5.09139	2.27132	2.30499	0.77103	3.23871	5.90459	1.32855	1.0302507	5.09139	pf	1.2878133	2.271318	pk
PF11_0087	PKH_090470	PVX_091045	PY03786	PBANKA_093 950	PCHAS_09048 0	4.02836	3.9234	5.44496	4.91697	4.71418	4.80968	0.41761	0.354977	5.44496	pv	0.3930235	4.916973	py
PF11_0088	PKH_090480	PVX_091050	PY03787	PBANKA_093 940	PCHAS_09049 0	2.53843	3.58938	2.24133	5.7373	3.64023	2.61427	0.92881	0.4899701	5.7373	py	0.3559716	3.640232	pb
PF11_0090	PKH_090500	PVX_091060	PY07549	PBANKA_093 920	PCHAS_09051 0	1.85887	1.74729	2.00509	1.94072	0.69882	1.73393	0.27077	0.0929191	0.69882	pb	0.0849137	1.733927	pc
PF11_0091	PKH_090510	PVX_091065	PY07039	PBANKA_093 910	PCHAS_09052 0	5.57674	6.18946	6.16225	3.09643	0.19108	0.5368	0.77471	0.3110514	3.09643	py	0.317614	0.191075	pb

PF11_0093	PKH_090530	PVX_091080	PY03357	PBANKA_093 890	PCHAS_09054 0	0.99275	0.88353	0.14498	1.1244	2.20712	2.0035	0.55229	0.4668685	0.14498	pv	0.5835856	1.124405	py
PF11_0095	PKH_090550	PVX_091090	PY00917	PBANKA_093 870	PCHAS_09056 0	0.92469	2.72531	2.55862	5.12291	2.97371	2.72671	0.76912	0.4434225	5.12291	py	0.4921783	2.97371	pb
PF11_0097	PKH_090570	PVX_091100	PY05049	PBANKA_093 850	PCHAS_09058 0	4.69338	4.29339	4.14994	5.30534	4.18043	4.61374	0.33145	0.1953511	5.30534	py	0.215949	4.180425	pb
PF11_0098	PKH_090580	PVX_091105	PY05050	PBANKA_093 840	PCHAS_09059 0	4.01493	3.95079	3.50975	5.5002	3.90082	0.17476	0.76862	0.4209133	0.17476	pc	0.1387886	5.500203	py
PF11_0099	PKH_090590	PVX_091110	PY07174	PBANKA_093 830	PCHAS_09060 0	3.7661	4.4668	3.40625	5.98496	3.55067	4.26569	0.66574	0.355115	5.98496	py	0.3900351	3.550666	pb
PF11_0100	PKH_090600	PVX_091115	PY02753	PBANKA_093 820	PCHAS_09061 0	2.52538	3.51119	1.08791	1.24421	4.67276	1.04395	1.12656	0.7809403	4.67276	pb	0.9261102	1.043948	pc
PF11_0101	PKH_090610	PVX_091120	PY02752	PBANKA_093 810	PCHAS_09062 0	2.15418	1.56506	2.55001	1.37808	2.25688	1.59443	0.40392	0.2935846	2.55001	pv	0.3128928	1.378083	py
PF11_0105	PKH_090640	PVX_091140	PY00699	PBANKA_093 780	PCHAS_09065 0	1.54028	1.11102	1.92812	1.00561	0.56457	5.97187	0.55343	0.3796441	5.97187	pc	0.2702812	1.928118	pv
PF11_0106	PKH_090660	PVX_091145	PY06787	PBANKA_093 770	PCHAS_09066 0	2.09987	1.79348	2.46985	2.69899	2.34658	2.25677	0.22755	0.1624396	1.79348	pk	0.1722338	2.469846	pv
PF11_0107	PKH_090680	PVX_091155	PY03705	PBANKA_093 750	PCHAS_09068 0	5.71459	6.05858	4.87384	6.01297	4.6635	5.44185	0.46783	0.3511722	4.6635	pb	0.3707814	5.441851	pc
PF11_0111	PKH_090770	PVX_091170	PY01748	PBANKA_093 720	PCHAS_09071 0	2.00346	2.65173	2.4216	1.68233	1.17648	1.96183	0.37603	0.2858334	1.17648	pb	0.3468837	1.961832	pc
PF11_0112	PKH_090780	PVX_091175	PY01746	PBANKA_093 710	PCHAS_09072 0	3.77309	6.25266	4.44148	5.35609	4.0459	5.10803	0.74272	0.5290266	6.25266	pk	0.6612833	4.441475	pv
PF11_0113	PKH_090790	PVX_091180	PY01745	PBANKA_093 700	PCHAS_09073 0	4.68458	4.02476	3.61554	3.95091	3.30059	5.50055	0.55714	0.3586423	5.50055	pc	0.285724	3.300591	pb
PF11_0114	PKH_090800	PVX_091185	PY01744	PBANKA_093 690	PCHAS_09074 0	5.33038	5.27129	4.90845	4.54531	5.52567	5.16323	0.25173	0.1568746	4.54531	py	0.1324986	5.525668	pb
PF11_0115	PKH_090820	PVX_091195	PY01743	PBANKA_093 670	PCHAS_09076 0	1.11195	0.24229	2.85644	2.37029	0.81712	0.06498	0.86905	0.6349938	2.85644	pv	0.4054492	2.370291	py
PF11_0116	PKH_090830	PVX_091200	PY01742	PBANKA_093 660	PCHAS_09077 0	1.82835	2.8102	2.61122	1.89272	0.71826	0.51905	0.70808	0.5749618	0.51905	pc	0.4893312	2.810205	pk
PF11_0117	PKH_090840	PVX_091205	PY01741	PBANKA_093 650	PCHAS_09078 0	3.81556	3.61358	1.70597	5.40982	4.37808	4.74755	0.90006	0.5456468	1.70597	pv	0.4241222	5.409821	py
PF11_0118	PKH_090850	PVX_091210	PY02705	PBANKA_093 640	PCHAS_09079 0	2.39812	3.88444	1.23165	2.24913	3.72628	2.09777	0.73838	0.6527641	1.23165	pv	0.7787065	2.249126	py
PF11_0122	PKH_090890	PVX_091230	PY03723	PBANKA_093 600	PCHAS_09083 0	4.55459	3.84999	0.07743	0.25631	0.24947	1.6924	1.04709	0.7199767	3.84999	pk	0.8569588	0.077426	pv
PF11_0123	PKH_090900	PVX_091235	PY03726	PBANKA_093 590	PCHAS_09084 0	1.95035	3.09217	3.12955	1.7516	2.40683	1.92324	0.50056	0.3648318	3.12955	pv	0.4063512	1.751597	py
PF11_0127	PKH_090940	PVX_091255	PY05034	PBANKA_093 550	PCHAS_09088 0	5.20246	5.0025	4.99041	3.01757	5.0977	5.54987	0.47326	0.1518836	3.01757	py	0.1898545	5.097702	pb
PF11_0131	PKH_090990	PVX_091280	PY05480	PBANKA_093 500	PCHAS_09093 0	4.5061	4.02712	4.84488	4.08924	3.89416	3.9668	0.25869	0.146875	4.84488	pv	0.168062	4.089244	py

PF11_0139	PKH_091030	PVX_091305	PY05564	PBANKA_093 450	PCHAS_09098 0	0.06988	0.17379	6.05418	1.52825	0.23947	0.04508	0.34259	0.1194372	1.52825	py	0.1069007	0.239467	pb
PF11_0143	PKH_091070	PVX_091320	PY00735	PBANKA_093 410	PCHAS_09102 0	1.34164	3.1231	3.15547	2.47751	0.77802	2.23452	0.73365	0.5404807	0.77802	pb	0.6148553	2.234525	pc
PF11_0144	PKH_091080	PVX_091325	PY00734	PBANKA_093 400	PCHAS_09103 0	1.08794	3.34293	0.67811	4.31783	0.61247	1.59751	1.11719	0.7299739	4.31783	py	0.7936005	0.612471	pb
PF11_0145	PKH_091090	PVX_091330	PY00733	PBANKA_093 390	PCHAS_09104 0	2.4055	2.71118	1.15799	4.52895	3.51	2.08577	0.85014	0.5954836	4.52895	py	0.4682293	3.510004	pb
PF11_0149-a	PKH_091130	PVX_091350	PY00729	PBANKA_093 350	PCHAS_09108 0	5.39952	0.37136	5.59753	4.52598	5.17408	5.49094	0.44057	0.2776818	0.37136	pk	0.2975994	5.597527	pv
PF11_0152	PKH_091140	PVX_091355	PY00727	PBANKA_093 340	PCHAS_09109 0	0.70981	5.57688	5.15738	5.4361	3.06133	2.53704	1.20837	0.8702339	2.53704	pc	0.4940988	3.06133	pb
PF11_0153	PKH_091150	PVX_091360	PY00725	PBANKA_093 330	PCHAS_09110 0	3.75142	5.37984	3.26802	0.68163	3.54683	2.43705	1.04857	0.6852397	0.68163	py	0.8565496	3.546828	pb
PF11_0154	PKH_091160	PVX_091365	PY00724	PBANKA_093 320	PCHAS_09111 0	3.79132	3.40159	2.81022	3.37108	3.24451	3.47461	0.20695	0.1300659	2.81022	pv	0.1549557	3.371084	py
PF11_0156	PKH_091180	PVX_091375	PY02926	PBANKA_093 300	PCHAS_09113 0	2.68435	3.05304	3.15068	2.0358	3.66186	1.58454	0.59348	0.4184795	1.58454	pc	0.3708947	3.661864	pb
PF11_0158	PKH_091200	PVX_091385	PY00788	PBANKA_093 280	PCHAS_09115 0	5.29356	5.58881	5.02638	5.15502	5.29921	5.7189	0.18866	0.1413248	5.7189	pc	0.1098615	5.026377	pv
PF11_0160	PKH_091230	PVX_091400	PY00784	PBANKA_093 250	PCHAS_09118 0	6.17916	6.17425	6.23081	4.12881	5.88208	5.38084	0.53208	0.2294123	4.12881	py	0.2137224	5.882076	pb
PF11_0168a	PKH_091350	PVX_091435	PY02157	PBANKA_093 190	PCHAS_09124 0	5.18857	5.58983	5.2938	5.08908	5.75843	3.60042	0.46067	0.2141226	3.60042	pc	0.1514961	5.758432	pb
PF11_0169	PKH_091360	PVX_091440	PY02155	PBANKA_093 180	PCHAS_09125 0	1.52885	1.65284	2.30657	0.02104	3.64739	2.13161	0.81381	0.5544545	0.02104	py	0.3141232	3.647389	pb
PF11_0170	PKH_091370	PVX_091445	PY02154	PBANKA_093 170	PCHAS_09126 0	2.24364	3.25571	2.73916	4.60513	3.47319	3.57127	0.56851	0.412329	4.60513	py	0.4610435	3.473185	pb
PF11_0171	PKH_091380	PVX_091450	PY02153	PBANKA_093 160	PCHAS_09127 0	3.5871	3.01257	2.86255	4.56592	5.66291	4.25955	0.83769	0.5900688	5.66291	pb	0.5694732	4.259551	pc
PF11_0172	PKH_091390	PVX_091455	PY02152	PBANKA_093 150	PCHAS_09128 0	4.66877	6.23892	0.52454	4.5368	5.14492	5.06735	0.65311	0.4356529	0.52454	pv	0.4119295	4.536801	py
PF11_0173	PKH_091400	PVX_091460	PY02151	PBANKA_093 140	PCHAS_09129 0	3.07823	4.35532	3.53911	5.49908	2.41928	4.74663	0.9274	0.7208885	5.49908	py	0.6211526	2.419277	pb
PF11_0174	PKH_091410	PVX_091465	PY05365	PBANKA_093 130	PCHAS_09130 0	1.51751	1.91328	1.47304	2.39483	2.45365	3.51236	0.57617	0.3715849	3.51236	pc	0.354421	1.473044	pv
PF11_0177	PKH_091450	PVX_091485	PY04400	PBANKA_093 090	PCHAS_09134 0	4.36976	4.19513	3.05637	4.49225	4.16935	4.40724	0.30807	0.1070018	3.05637	pv	0.1031322	4.492245	py
PF11_0181	PKH_091490	PVX_091505	PY06291	PBANKA_093 050	PCHAS_09138 0	3.36728	3.52515	2.54754	2.74797	2.7134	1.4689	0.48509	0.3262982	1.4689	pc	0.2135794	3.525145	pk
PF11_0184	PKH_091520	PVX_091525	PY05214	PBANKA_093 020	PCHAS_09141 0	2.50668	4.58053	4.47797	3.77977	4.58032	4.70728	0.51728	0.2060128	2.50668	pf	0.257465	4.580525	pk
PF11_0185	PKH_091530	PVX_091530	PY05215	PBANKA_093 010	PCHAS_09142 0	5.15471	5.56309	5.13376	0.29225	5.53437	4.39231	0.49868	0.3142754	0.29225	py	0.2979309	5.534366	pb

PF11_0187	PKH_091550	PVX_091540	PY05216	PBANKA_093000	PCHAS_091430	2.83814	5.20915	5.26509	6.12498	3.58951	0.67714	1.11893	0.8573274	2.83814	pf	1.0576733	5.209147	pk
PF11_0189	PKH_091570	PVX_091550	PY04232	PBANKA_092980	PCHAS_091450	1.30846	3.34055	3.22523	6.01973	3.18719	2.77613	0.88562	0.4962387	6.01973	py	0.6202983	3.187192	pb
PF11_0190	PKH_091580	PVX_091555	PY04231	PBANKA_092970	PCHAS_091460	5.32098	4.8576	4.35414	0.83171	3.7931	4.75131	0.73249	0.4062681	0.83171	py	0.2682821	3.793099	pb
PF11_0192	PKH_091600	PVX_091565	PY00909	PBANKA_092950	PCHAS_091480	1.08056	0.83479	3.12106	6.2302	4.4923	6.00709	1.18191	0.7964652	3.12106	pv	0.9955816	6.230196	py
PF11_0193	PKH_091610	PVX_091570	PY00910	PBANKA_092940	PCHAS_091490	5.63138	5.77757	5.6456	5.17491	5.6989	5.74626	0.12847	0.0493696	5.17491	py	0.061712	5.698899	pb
PF11_0197	PKH_091640	PVX_091585	PY04674	PBANKA_092910	PCHAS_091520	3.80031	3.27632	2.45237	5.26304	5.43036	0.1282	1.26263	0.9530235	2.45237	pv	1.1912794	5.263042	py
PF11_0198	PKH_091650	PVX_091590	PY04675	PBANKA_092900	PCHAS_091530	2.46049	2.08306	3.83283	1.17038	3.53955	3.93841	0.93281	0.6455389	1.17038	py	0.8069236	3.539552	pb
PF11_0199	PKH_091660	PVX_091595	PY04676	PBANKA_092890	PCHAS_091540	1.3324	2.14235	2.37882	0.20108	3.01776	0.18507	0.97006	0.8270022	3.01776	pb	0.7469201	0.185074	pc
PF11_0200	PKH_091670	PVX_091600	PY04677	PBANKA_092880	PCHAS_091550	2.3012	2.89918	2.00278	2.72619	2.04342	0.69633	0.53067	0.3158341	0.69633	pc	0.2452979	2.899179	pk
PF11_0202	PKH_091690	PVX_091610	PY05839	PBANKA_092860	PCHAS_091570	2.71761	0.53295	3.26963	5.62183	3.36451	2.45095	1.09241	0.7300474	5.62183	py	0.7508347	3.364509	pb
PF11_0203	PKH_091700	PVX_091615	PY05838	PBANKA_092850	PCHAS_091580	2.35933	2.19036	2.17186	0.95625	0.69122	2.12741	0.49111	0.2932072	0.69122	pb	0.3553961	2.12741	pc
PF11_0212	PKH_091790	PVX_091655	PY00891	PBANKA_092780	PCHAS_091650	1.73664	1.21713	3.68657	1.86392	2.11843	1.94883	0.48936	0.2226983	3.68657	pv	0.2783728	1.863915	py
PF11_0213	PKH_091800	PVX_091660	PY00892	PBANKA_092770	PCHAS_091660	3.72499	4.35259	0.09676	5.18619	1.22079	4.37899	1.10226	0.6977116	1.22079	pb	0.8721395	4.378986	pc
PF11_0216	PKH_091830	PVX_091665	PY03576	PBANKA_092740	PCHAS_091690	3.63878	4.72275	4.80929	5.62433	4.68955	6.03371	0.56938	0.4491486	3.63878	pf	0.5398004	4.722754	pk
PF11_0217	PKH_091840	PVX_091670	PY03577	PBANKA_092730	PCHAS_091700	5.27403	5.64995	0.11054	5.55327	5.83411	5.40891	0.2736	0.1602235	0.11054	pv	0.2002794	5.553267	py
PF11_0218	PKH_091850	PVX_091675	PY03578	PBANKA_092720	PCHAS_091710	5.54035	3.86156	1.77611	2.18515	5.66215	1.92554	1.26	0.9783264	5.54035	pf	0.7389035	3.861562	pk
PF11_0220	PKH_091870	PVX_091685	PY07273	PBANKA_092700	PCHAS_091730	4.95355	5.21075	5.1278	4.29946	4.74058	5.16872	0.25228	0.1370677	4.29946	py	0.0745306	4.740583	pb
PF11_0222	PKH_091880	PVX_091690	PY03942	PBANKA_092690	PCHAS_091740	5.92252	3.54417	5.3689	6.17899	5.33304	1.1867	0.88755	0.5893874	3.54417	pk	0.5983285	5.368898	pv
PF11_0223	PKH_091890	PVX_091695	PY03941	PBANKA_092680	PCHAS_091750	4.36835	3.12735	5.16261	5.75705	2.4107	2.82039	1.15493	0.8599741	5.75705	py	0.8958058	2.4107	pb
PF11_0224	PKH_091900	PVX_091700	PY04421	PBANKA_092670	PCHAS_091760	2.03595	5.5861	5.16506	6.05371	6.25334	4.78863	0.84773	0.4706712	2.03595	pf	0.588339	5.5861	pk
PF11_0225	PKH_091910	PVX_091705	PY06050	PBANKA_092660	PCHAS_091770	1.84747	3.13198	2.47576	1.59034	2.30731	2.77105	0.43895	0.3618009	3.13198	pk	0.4101387	2.475765	pv
PF11_0229	PKH_091950	PVX_091725	PY06965	PBANKA_092620	PCHAS_091810	4.1266	4.07124	3.56495	3.07697	3.53364	4.33577	0.39301	0.2727533	3.07697	py	0.2065429	3.533645	pb

PF11_0230	PKH_091960	PVX_091730	PY05603	PBANKA_092 610	PCHAS_09182 0	0.9108	3.86752	1.78799	5.10252	2.61021	1.75565	1.12999	0.7622568	5.10252	py	0.7472663	2.610206	pb
PF11_0240	PKH_092040	PVX_091760	PY00078	PBANKA_092 540	PCHAS_09190 0	1.5049	3.80833	6.02367	4.31055	0.00944	1.72548	1.32447	1.0925075	3.80833	pk	1.1304219	6.023666	pv
PF11_0242	PKH_092060	PVX_091770	PY00029	PBANKA_092 520	PCHAS_09192 0	6.06605	3.30264	3.0701	2.10791	1.90348	1.96116	0.80552	0.5016196	6.06605	pf	0.3283418	3.302641	pk
PF11_0244	PKH_092080	PVX_091780	PY06314	PBANKA_092 500	PCHAS_09194 0	3.91268	0.01774	5.00137	1.85741	4.72871	3.37273	1.14803	0.803377	1.85741	py	1.0042212	4.728706	pb
PF11_0245	PKH_092090	PVX_091785	PY04385	PBANKA_092 490	PCHAS_09195 0	2.36995	1.99035	3.28029	1.56097	2.86895	1.86077	0.51785	0.3634306	3.28029	pv	0.3469437	1.560973	py
PF11_0247	PKH_092110	PVX_091795	PY01452	PBANKA_092 470	PCHAS_09197 0	1.7233	2.91804	2.67798	0.41955	2.26301	2.1355	0.59678	0.3474428	0.41955	py	0.4343035	2.263005	pb
PF11_0248	PKH_092120	PVX_091800	PY01451	PBANKA_092 460	PCHAS_09198 0	3.85019	3.41482	3.02956	5.57769	3.22635	3.2627	0.55401	0.2018201	5.57769	py	0.2431856	3.226346	pb
PF11_0249	PKH_092130	PVX_091805	PY01450	PBANKA_092 450	PCHAS_09199 0	4.38731	5.06239	4.72286	4.34751	4.99715	4.81079	0.23544	0.1898743	4.34751	py	0.1907528	4.997154	pb
PF11_0250	PKH_092140	PVX_091810	PY03136	PBANKA_092 440	PCHAS_09200 0	1.85098	1.47929	1.91463	6.12166	0.86976	0.88138	0.60921	0.4028934	6.12166	py	0.351232	0.869755	pb
PF11_0251	PKH_092150	PVX_091815	PY07009	PBANKA_092 430	PCHAS_09201 0	5.14126	4.85535	5.40822	0.16889	5.12016	3.56446	0.57693	0.376956	3.56446	pc	0.1434908	0.168889	py
PF11_0252	PKH_092160	PVX_091820	PY01158	PBANKA_092 420	PCHAS_09202 0	2.90553	2.69313	2.58417	2.58587	2.71012	0.95947	0.36321	0.0891216	0.95947	pc	0.0583007	2.90553	pf
PF11_0254	PKH_092180	PVX_091830	PY05246	PBANKA_092 400	PCHAS_09204 0	2.74678	2.79735	5.12302	5.95738	6.09439	0.76429	1.33053	0.999409	2.79735	pk	1.006419	5.123021	pv
PF11_0259	PKH_092230	PVX_091855	PY00816	PBANKA_092 350	PCHAS_09209 0	1.89436	1.58567	1.79923	1.2759	0.81451	1.73382	0.29189	0.1664046	0.81451	pb	0.2080057	1.733817	pc
PF11_0261	PKH_092260	PVX_091870	PY03512	PBANKA_092 330	PCHAS_09211 0	4.66435	3.3227	4.61828	5.36812	4.20083	4.38293	0.45738	0.2897421	3.3227	pk	0.3621777	4.618284	pv
PF11_0262	PKH_092270	PVX_091875	PY03513	PBANKA_092 320	PCHAS_09212 0	4.12343	3.25939	3.90214	4.93038	4.3372	3.25996	0.49492	0.3882563	4.93038	py	0.3765556	4.337198	pb
PF11_0265	PKH_092300	PVX_091890	PY06558	PBANKA_092 290	PCHAS_09215 0	2.22417	2.43402	1.81267	1.78232	1.79592	2.85389	0.35353	0.2159889	2.85389	pc	0.1146494	2.434017	pk
PF11_0267	PKH_092330	PVX_091905	PY00272	PBANKA_092 260	PCHAS_09218 0	6.11988	6.16839	5.76363	5.45671	5.82313	5.59973	0.21522	0.1849824	5.45671	py	0.231228	5.823131	pb
PF11_0268	PKH_092340	PVX_091910	PY00275	PBANKA_092 250	PCHAS_09219 0	6.15443	0.1634	5.90036	3.21604	5.40386	4.61933	0.87702	0.515566	3.21604	py	0.5203345	5.403864	pb
PF11_0269	PKH_092350	PVX_091915	PY06958	PBANKA_092 240	PCHAS_09220 0	1.49706	4.25184	3.72512	5.18035	3.33971	4.18457	0.84248	0.4734713	1.49706	pf	0.5750213	4.25184	pk
PF11_0270	PKH_092360	PVX_091920	PY06957	PBANKA_092 230	PCHAS_09221 0	2.71334	3.17019	2.89916	5.93109	2.28993	2.56964	0.71254	0.2419567	5.93109	py	0.1965945	2.289934	pb
PF11_0272	PKH_092380	PVX_091925	PY07508	PBANKA_092 210	PCHAS_09223 0	2.06595	1.984	2.54561	2.33476	2.87498	1.70393	0.33358	0.2384857	2.87498	pb	0.2076034	1.703932	pc
PF11_0275	PKH_092410	PVX_091940	PY05911	PBANKA_092 190	PCHAS_09225 0	1.78788	1.52437	1.64716	1.40713	1.03356	1.5712	0.17353	0.1007074	1.03356	pb	0.1258842	1.571204	pc

PF11_0276	PKH_092420	PVX_091945	PY04938	PBANKA_092180	PCHAS_092260	2.21777	1.22953	0.68388	1.36411	6.27713	5.96134	0.74257	0.5843089	2.21777	pf	0.5939717	1.229533	pk
PF11_0277	PKH_092430	PVX_091950	PY04937	PBANKA_092170	PCHAS_092270	5.93035	6.12144	5.17247	0.01224	5.76473	5.97291	0.25371	0.1443579	5.17247	pv	0.0998186	0.012238	py
PF11_0281	PKH_092470	PVX_091965	PY02121	PBANKA_092140	PCHAS_092300	1.36335	0.54253	1.12904	0.01808	6.13117	5.03446	0.73626	0.5252664	5.03446	pc	0.4513763	1.363354	pf
PF11_0282	PKH_092480	PVX_091970	PY05536	PBANKA_092130	PCHAS_092310	3.90442	4.11573	4.06516	5.09264	3.9846	4.2205	0.24578	0.0894429	5.09264	py	0.0916644	3.984598	pb
PF11_0284	PKH_092500	PVX_091980	PY05818	PBANKA_092110	PCHAS_092330	2.02755	2.40465	2.74666	5.79621	2.45141	1.93729	0.68747	0.2466445	5.79621	py	0.296614	2.451412	pb
PF11_0289	PKH_092550	PVX_092000	PY03552	PBANKA_092060	PCHAS_092380	2.4895	3.86557	3.95053	1.00531	1.14796	1.65372	1.0831	0.8403609	3.95053	pv	0.8883478	1.005306	py
PF11_0290	PKH_092560	PVX_092005	PY02161	PBANKA_092050	PCHAS_092390	6.19958	5.68186	5.94121	5.98945	5.48914	5.66972	0.21492	0.1543607	6.19958	pf	0.1929509	5.681864	pk
PF11_0291	PKH_092570	PVX_092010	PY02741	PBANKA_092040	PCHAS_092400	0.91216	6.16015	6.13237	1.90713	0.31665	0.28541	0.52073	0.3005313	1.90713	py	0.3678554	0.316645	pb
PF11_0293	PKH_092610	PVX_092030	PY05916	PBANKA_092000	PCHAS_092440	2.33185	3.33477	2.96972	3.46376	3.20795	3.48717	0.29603	0.1546518	2.33185	pf	0.1933148	3.334768	pk
PF11_0294	PKH_092620	PVX_092035	PY05918	PBANKA_091990	PCHAS_092450	1.93195	3.40322	6.23113	0.4513	0.00172	1.24197	1.02936	0.644853	3.40322	pk	0.6802271	6.231126	pv
PF11_0295	PKH_092630	PVX_092040	PY05919	PBANKA_091980	PCHAS_092460	3.3737	3.67516	3.93017	4.61916	3.51368	6.07619	0.67716	0.3323913	6.07619	pc	0.1794893	4.61916	py
PF11_0296	PKH_092640	PVX_092045	PY03468	PBANKA_091970	PCHAS_092470	1.90215	2.35823	2.35138	0.55848	3.00783	1.93746	0.55322	0.3052892	0.55848	py	0.2175006	3.007826	pb
PF11_0297	PKH_092650	PVX_092050	PY03469	PBANKA_091960	PCHAS_092480	0.65434	4.35612	5.41542	5.82275	3.71446	3.55208	1.09217	0.7943266	0.65434	pf	0.9929082	4.356124	pk
PF11_0300	PKH_092670	PVX_092060	PY02856	PBANKA_091940	PCHAS_092500	5.52275	5.77174	5.78898	5.1065	5.66135	5.53862	0.1757	0.0998695	5.1065	py	0.1248368	5.661355	pb
PF11_0301	PKH_092680	PVX_092065	PY04977	PBANKA_091930	PCHAS_092510	3.01683	2.65993	2.20453	2.57712	2.15	1.19453	0.4508	0.2644465	1.19453	pc	0.2206314	3.016827	pf
PF11_0303	PKH_092700	PVX_092075	PY06923	PBANKA_091900	PCHAS_092710	4.00291	4.33211	3.6556	3.56505	3.49943	3.47782	0.24139	0.1362511	4.33211	pk	0.1476762	3.655601	pv
PF11_0304	PKH_092710	PVX_092080	PY06922	PBANKA_091890	PCHAS_092720	5.54819	5.94688	5.28542	5.89481	4.73328	5.02281	0.3914	0.3066935	4.73328	pb	0.2520222	5.02281	pc
PF11_0305	PKH_092720	PVX_092085	PY05667	PBANKA_091880	PCHAS_092730	1.98629	1.53174	2.15708	2.44197	1.43658	1.816	0.30017	0.23501	2.44197	py	0.1989065	1.436581	pb
PF11_0306	PKH_092730	PVX_092090	PY05666	PBANKA_091870	PCHAS_092740	3.32062	1.03611	3.35286	5.28288	3.88811	4.17877	0.94003	0.5576334	1.03611	pk	0.5632294	3.352864	pv
PF11_0309	PKH_092750	PVX_092100	PY05171	PBANKA_091840	PCHAS_092770	1.73286	5.24577	1.6544	5.10732	3.52536	3.01936	1.24531	1.0490834	5.24577	pk	0.9701149	1.6544	pv
PF11_0310	PKH_092760	PVX_092105	PY02129	PBANKA_091830	PCHAS_092780	2.14659	4.62632	5.20576	2.10635	2.08601	6.06949	1.33334	0.98012	5.20576	pv	1.22515	2.106347	py
PF11_0311	PKH_092770	PVX_092110	PY02130	PBANKA_091820	PCHAS_092790	2.92362	3.52621	3.58592	0.51611	1.30654	3.28805	0.94232	0.5763928	0.51611	py	0.2251139	1.306538	pb

PF11_0313	PKH_092790	PVX_092120	PY00659	PBANKA_091 800	PCHAS_09281 0	2.48292	1.89053	2.51419	2.66043	2.19519	1.17257	0.39987	0.2177799	1.17257	pc	0.2278479	2.660427	py
PF11_0314	PKH_092800	PVX_092125	PY00657	PBANKA_091 790	PCHAS_09282 0	4.08288	4.33638	3.46327	2.59302	2.74882	3.89564	0.58496	0.4414321	2.59302	py	0.2650858	2.748823	pb
PF11_0315	PKH_092810	PVX_092130	PY00656	PBANKA_091 780	PCHAS_09283 0	4.30985	3.29351	2.92888	5.27524	2.19477	2.05235	0.95044	0.6712504	5.27524	py	0.6555354	2.194767	pb
PF11_0316	PKH_092820	PVX_092135	PY00654	PBANKA_091 770	PCHAS_09284 0	1.76879	2.67866	2.33065	2.34913	1.09971	1.96242	0.42125	0.2593147	1.09971	pb	0.2320858	1.962422	pc
PF11_0319	PKH_092850	PVX_092150	PY01166	PBANKA_091 730	PCHAS_09287 0	3.14274	3.31085	2.52775	0.95723	1.75805	1.51779	0.79138	0.6355508	0.95723	py	0.6020129	1.758046	pb
PF11_0322	PKH_092880	PVX_092165	PY06085	PBANKA_091 700	PCHAS_09290 0	1.30478	3.43197	6.00018	1.63043	2.9581	0.34982	1.10815	0.9043452	3.43197	pk	0.7334839	6.000177	pv
PF11_0336	PKH_093040	PVX_092235	PY05953	PBANKA_091 580	PCHAS_09302 0	1.71055	2.74121	2.5076	2.49592	1.48567	0.99945	0.59151	0.4105177	0.99945	pc	0.4518236	2.741211	pk
PF11_0337	PKH_093050	PVX_092240	PY05952	PBANKA_091 570	PCHAS_09303 0	2.83686	4.17743	3.51826	5.20338	3.7239	4.52109	0.63715	0.4686809	5.20338	py	0.5858511	3.723904	pb
PF11_0338	PKH_093060	PVX_092245	PY05950	PBANKA_091 560	PCHAS_09304 0	4.985	5.92227	5.17164	5.70339	5.21062	4.93528	0.29073	0.1987451	5.92227	pk	0.2484313	5.171644	pv
PF11_0339	PKH_093070	PVX_092250	PY05949	PBANKA_091 550	PCHAS_09305 0	3.72729	1.7603	2.55827	3.88048	3.78507	2.31607	0.79303	0.5582403	1.7603	pk	0.4055463	2.558271	pv
PF11_0341	PKH_093080	PVX_092260	PY01034	PBANKA_091 530	PCHAS_09307 0	1.45586	1.34854	1.92647	2.08508	0.5665	2.46197	0.5171	0.3485299	0.5665	pb	0.3017863	2.461974	pc
PF11_0342	PKH_093090	PVX_092265	PY01035	PBANKA_091 520	PCHAS_09308 0	4.39925	4.48163	4.63104	3.23752	4.79447	5.3607	0.44464	0.2548581	3.23752	py	0.2777165	4.794469	pb
PF11_0344	PKH_093110	PVX_092275	PY01581	PBANKA_091 500	PCHAS_09310 0	5.99444	0.06581	6.03005	5.3188	5.89577	5.80518	0.22562	0.1356185	5.3188	py	0.144855	5.895771	pb
PF11_0345	PKH_093120	PVX_092280	PY01582	PBANKA_091 490	PCHAS_09311 0	4.06874	3.14462	2.2009	6.09718	3.27489	2.72253	0.89546	0.4840413	6.09718	py	0.5724822	3.274893	pb
PF11_0347	PKH_093140	PVX_092290	PY00240	PBANKA_091 470	PCHAS_09313 0	1.04816	2.76833	2.45263	2.87575	2.80512	2.06772	0.48011	0.2321027	1.04816	pf	0.2901283	2.768331	pk
PF11_0348	PKH_093150	PVX_092300	PY05313	PBANKA_091 460	PCHAS_09314 0	4.12665	5.21373	6.14159	2.73778	3.26483	1.40638	1.3455	1.0392448	6.14159	pv	1.1672925	2.737778	py
PF11_0349	PKH_093180	PVX_092305	PY05311	PBANKA_091 450	PCHAS_09315 0	1.4451	1.84752	4.18149	2.31282	3.56285	5.65328	1.23241	0.8903442	5.65328	pc	0.6457634	4.181488	pv
PF11_0351	PKH_093190	PVX_092310	PY06981	PBANKA_091 440	PCHAS_09316 0	2.89385	2.52933	2.33349	2.57189	2.50968	2.04635	0.18426	0.1245139	2.04635	pc	0.0645111	2.893851	pf
PF11_0352	PKH_093200	PVX_092315	PY06980	PBANKA_091 430	PCHAS_09317 0	4.15897	4.39043	3.35427	3.35716	3.66935	3.96406	0.35545	0.2823182	4.39043	pk	0.2741285	3.354274	pv
PF11_0353	PKH_093210	PVX_092320	PY01922	PBANKA_091 420	PCHAS_09318 0	1.73469	1.36691	1.92219	0.7222	0.17957	2.7282	0.68607	0.5510208	2.7282	pc	0.3919409	0.179574	pb
PF11_0354	PKH_093220	PVX_092325	PY01923	PBANKA_091 410	PCHAS_09319 0	5.09283	4.88097	5.01139	5.39488	4.27935	5.29583	0.26864	0.1596716	4.27935	pb	0.1488395	5.295832	pc
PF11_0358	PKH_093260	PVX_092345	PY05002	PBANKA_091 380	PCHAS_09322 0	1.42291	2.88017	1.51139	5.1016	1.5843	2.39956	0.85189	0.469087	5.1016	py	0.5863588	1.584301	pb

PF11_0359	PKH_093270	PVX_092350	PY00471	PBANKA_091370	PCHAS_093230	1.36387	4.01135	3.62814	5.74149	3.42447	2.61746	0.99586	0.7316314	5.74149	py	0.9145393	3.424471	pb
PF11_0360	PKH_093280	PVX_092355	PY00472	PBANKA_091360	PCHAS_093240	5.25931	4.45968	6.05939	5.259	0.25308	2.68384	0.90874	0.5753924	2.68384	pc	0.4000032	0.253078	pb
PF11_0365	PKH_093340	PVX_092390	PY03003	PBANKA_091310	PCHAS_071440	4.15058	3.83501	3.67548	5.38075	2.27035	3.20176	0.70312	0.5026951	5.38075	py	0.2770882	2.270355	pb
PF11_0369	PKH_093370	PVX_092405	PY03008	PBANKA_091280	PCHAS_071410	2.20629	1.7678	2.60521	1.0743	0.70532	4.28618	0.92504	0.6063753	4.28618	pc	0.4923511	0.705324	pb
PF11_0370	PKH_093380	PVX_092410	PY03009	PBANKA_091270	PCHAS_071400	4.72916	5.05069	3.62931	4.76334	3.38723	3.76647	0.6267	0.4836494	3.38723	pb	0.363889	3.766473	pc
PF11_0372	PKH_093400	PVX_092420	PY01226	PBANKA_091250	PCHAS_071380	3.61905	0.11083	0.88814	4.41033	6.14736	5.86326	0.97001	0.6583505	3.61905	pf	0.761275	0.110828	pk
PF11_0373	PKH_093410	PVX_092425	PY01227	PBANKA_091240	PCHAS_071370	5.72962	6.27752	5.92451	3.09223	6.0856	5.99979	0.60276	0.1417991	3.09223	py	0.1557959	6.085602	pb
PF11_0374	PKH_093420	PVX_092430	PY01228	PBANKA_091230	PCHAS_071360	2.63074	2.65781	2.49555	3.08193	2.01628	2.63599	0.20553	0.1226884	2.01628	pb	0.1533605	2.635988	pc
PF11_0375	PKH_093430	PVX_092435	PY01229	PBANKA_091220	PCHAS_071350	0.72337	2.83546	2.55143	1.50551	2.4789	2.10415	0.58879	0.3554462	0.72337	pf	0.3551684	2.835461	pk
PF11_0377-a	PKH_093440	PVX_092440	PY06011	PBANKA_091210	PCHAS_071340	5.33858	6.02398	5.32615	3.46484	3.93788	4.77255	0.75224	0.5304258	3.46484	py	0.3159641	3.937876	pb
PF11_0378	PKH_093450	PVX_092445	PY05749	PBANKA_091200	PCHAS_071330	1.27762	1.55178	1.63892	1.95203	0.9347	2.16732	0.33236	0.2579883	0.9347	pb	0.1903863	2.167315	pc
PF11_0380	PKH_093470	PVX_092455	PY05753	PBANKA_091180	PCHAS_071310	1.86912	3.96737	2.57335	2.50619	2.88615	0.78339	0.71136	0.4956418	0.78339	pc	0.2710476	3.967366	pk
PF11_0382	PKH_093490	PVX_092465	PY01220	PBANKA_091160	PCHAS_071290	1.91165	3.33007	3.71232	3.2256	3.53608	3.83335	0.43574	0.1980002	1.91165	pf	0.1959987	3.330073	pk
PF11_0383	PKH_093500	PVX_092470	PY01218	PBANKA_091150	PCHAS_071280	5.79461	6.05742	5.38261	4.58959	5.51354	5.80889	0.36253	0.1940317	4.58959	py	0.1722717	5.513539	pb
PF11_0385	PKH_093520	PVX_092485	PY01216	PBANKA_091130	PCHAS_071260	3.0752	2.11762	1.78664	3.60017	3.18288	6.26403	0.99553	0.5757589	6.26403	pc	0.5884571	3.600169	py
PF11_0386	PKH_093530	PVX_092490	PY02435	PBANKA_091120	PCHAS_071250	4.4748	3.80642	3.6827	3.25481	4.3063	4.42076	0.40966	0.2812882	3.25481	py	0.3516103	4.306305	pb
PF11_0393	PKH_093590	PVX_092520	PY06420	PBANKA_091060	PCHAS_071190	1.35269	2.96092	3.13623	0.34258	3.83385	1.43912	1.13277	0.835654	0.34258	py	0.8263363	3.833846	pb
PF11_0396	PKH_093630	PVX_092540	PY06845	PBANKA_091020	PCHAS_071150	0.09309	4.02718	3.73325	1.94128	1.8108	2.50761	1.07048	0.8016691	0.09309	pf	0.622194	4.027178	pk
PF11_0403	PKH_093680	PVX_092565	PY05865	PBANKA_090970	PCHAS_071100	2.23838	1.49833	2.5595	0.40327	2.83368	1.44378	0.71436	0.4902131	0.40327	py	0.4639407	2.833682	pb
PF11_0404	PKH_093690	PVX_092570	PY00769	PBANKA_090960	PCHAS_071090	2.16278	0.9673	2.09794	2.0703	2.25541	1.60205	0.31274	0.149165	0.9673	pk	0.1864563	2.097941	pv
PF11_0412	PKH_093750	PVX_092600	PY00743	PBANKA_090890	PCHAS_071020	3.17084	3.59385	3.332	1.16282	2.62071	1.10488	0.86805	0.6284651	1.10488	pc	0.2835763	1.162819	py
PF11_0414	PKH_093770	PVX_092610	PY00531	PBANKA_090870	PCHAS_071000	4.58259	3.96998	1.00055	5.28798	4.20738	4.86566	0.77957	0.3952561	1.00055	pv	0.3177213	5.287985	py

PF11_0415	PKH_093780	PVX_092615	PY00530	PBANKA_090 860	PCHAS_07099 0	5.57777	5.88401	5.90368	5.11277	5.53395	5.35574	0.22717	0.1795985	5.11277	py	0.2135444	5.533953	pb
PF11_0416	PKH_093790	PVX_092620	PY00529	PBANKA_090 850	PCHAS_07098 0	6.24431	5.77848	6.01604	4.79047	4.46731	3.0822	0.94981	0.6005116	3.0822	pc	0.6341814	6.244308	pf
PF11_0420	PKH_093830	PVX_092640	PY05531	PBANKA_090 810	PCHAS_07094 0	4.49235	4.61411	5.57728	0.09464	3.34735	4.26554	0.744	0.5156988	0.09464	py	0.3583748	3.347353	pb
PF11_0424	PKH_093870	PVX_092670	PY06250	PBANKA_090 770	PCHAS_07090 0	4.7443	4.98722	5.60876	4.18884	5.50511	5.1251	0.38644	0.2764693	4.18884	py	0.2505845	5.50511	pb
PF11_0429	PKH_093920	PVX_092695	PY03412	PBANKA_090 720	PCHAS_07084 0	5.18006	6.06944	5.50047	5.64779	5.07523	5.45265	0.25163	0.1785935	6.06944	pk	0.2112862	5.500468	pv
PF11_0431	PKH_093930	PVX_092700	PY03535	PBANKA_090 710	PCHAS_07083 0	0.50304	3.48332	0.5996	0.53042	0.33213	2.70633	0.90394	0.4941518	3.48332	pk	0.6003968	0.599595	pv
PF11_0432	PKH_093940	PVX_092705	PY03536	PBANKA_090 700	PCHAS_07082 0	3.13321	2.06036	2.50577	1.93968	2.32728	2.40804	0.28662	0.1827545	3.13321	pf	0.1617137	2.060362	pk
PF11_0433	PKH_093950	PVX_092710	PY03538	PBANKA_090 690	PCHAS_07081 0	0.22572	6.17349	5.32688	1.6879	1.94963	1.81174	1.04826	0.729069	5.32688	pv	0.9113362	1.687905	py
PF11_0435	PKH_093970	PVX_092720	PY05500	PBANKA_090 670	PCHAS_07079 0	4.83265	4.22276	4.79152	3.98105	3.64573	5.83412	0.60146	0.399479	5.83412	pc	0.3550916	3.645732	pb
PF11_0436	PKH_093980	PVX_092725	PY05501	PBANKA_090 660	PCHAS_07078 0	1.71872	1.33391	2.13766	4.45976	4.1549	1.76054	0.98986	0.6479861	4.45976	py	0.2113931	4.1549	pb
PF11_0438	PKH_094000	PVX_092735	PY05736	PBANKA_090 640	PCHAS_07076 0	2.13504	2.02586	2.36249	3.20551	2.13159	1.06192	0.41394	0.2821078	1.06192	pc	0.0850175	3.205509	py
PF11_0443	PKH_094070	PVX_092765	PY01970	PBANKA_090 580	PCHAS_07070 0	5.11076	4.42093	3.47083	2.34943	3.96174	4.14217	0.64865	0.4198252	2.34943	py	0.4796735	3.96174	pb
PF11_0445	PKH_094080	PVX_092770	PY01971	PBANKA_090 570	PCHAS_07069 0	1.84856	1.22651	1.78076	0.27332	1.48648	6.24946	0.60828	0.4258956	6.24946	pc	0.2290809	0.273323	py
PF11_0447	PKH_094090	PVX_092775	PY01973	PBANKA_090 560	PCHAS_07068 0	2.74411	1.41981	2.43109	1.86938	2.06314	2.4382	0.37684	0.2499595	1.41981	pk	0.3124493	2.431086	pv
PF11_0452	PKH_094130	PVX_092795	PY02609	PBANKA_090 520	PCHAS_07064 0	0.95898	1.09043	1.13588	5.84364	0.11037	4.88938	0.81804	0.5110967	4.88938	pc	0.2892402	5.843643	py
PF11_0455	PKH_094170	PVX_092815	PY06955	PBANKA_090 480	PCHAS_07060 0	3.19011	2.84309	6.26583	6.15445	5.73524	2.72275	1.53196	1.2485051	3.19011	pf	0.8455214	2.843089	pk
PF11_0457	PKH_094200	PVX_092830	PY00295	PBANKA_090 450	PCHAS_07057 0	3.05885	3.54233	2.9884	2.34272	3.6192	4.23705	0.50143	0.3617997	2.34272	py	0.4330327	3.619196	pb
PF11_0461	PKH_094250	PVX_092850	PY00721	PBANKA_090 410	PCHAS_07053 0	4.85259	5.027	4.35501	5.06507	4.86418	5.24215	0.21041	0.1180908	4.35501	pv	0.1380955	5.065069	py
PF11_0462	PKH_094260	PVX_092855	PY00720	PBANKA_090 400	PCHAS_07052 0	0.03523	2.62495	4.64678	1.20716	5.77904	6.12679	1.02738	0.676589	2.62495	pk	0.4757332	4.646779	pv
PF11_0464	PKH_094280	PVX_092865	PY00717	PBANKA_090 380	PCHAS_07050 0	5.56029	5.89777	6.03789	4.15779	5.9953	5.94131	0.39311	0.115027	4.15779	py	0.130287	5.995297	pb
PF11_0468	PKH_094330	PVX_092890	PY02594	PBANKA_090 330	PCHAS_07045 0	4.65975	4.9807	4.94874	1.60496	2.77894	6.20031	1.11362	0.7484626	1.60496	py	0.3931297	2.778942	pb
PF11_0469	PKH_094340	PVX_092895	PY02595	PBANKA_090 320	PCHAS_07044 0	2.00571	2.98649	2.54875	5.79405	1.94609	1.87233	0.70194	0.3433627	5.79405	py	0.4142973	1.946088	pb

PF11_0471	PKH_094350	PVX_092900	PY02598	PBANKA_090 310	PCHAS_07043 0	6.066	1.84903	1.64168	0.11238	0.61431	1.60205	0.76388	0.5528038	6.066	pf	0.6292589	1.849033	pk
PF11_0477	PKH_094400	PVX_092925	PY05259	PBANKA_090 260	PCHAS_07038 0	5.54604	5.47013	4.94052	2.69599	5.43986	4.20799	0.76859	0.3735305	2.69599	py	0.4669131	5.43986	pb
PF11_0483	PKH_094470	PVX_092960	PY02409	PBANKA_090 160	PCHAS_07028 0	2.15775	2.49937	2.57432	1.8677	3.93597	1.90004	0.51403	0.2611906	3.93597	pb	0.2620594	1.900039	pc
PF11_0485	PKH_094490	PVX_092970	PY05978	PBANKA_090 140	PCHAS_07026 0	4.07482	3.0347	2.89255	3.99838	3.79771	4.16059	0.41814	0.2805999	2.89255	pv	0.3507498	3.998375	py
PF11_0487	PKH_094510	PVX_092980	PY05976	PBANKA_090 120	PCHAS_07024 0	0.7017	5.56939	5.31919	5.58944	3.92222	5.37468	0.58794	0.3760919	3.92222	pb	0.4214361	5.374678	pc
PF11_0488	PKH_094520	PVX_092985	PY05975	PBANKA_090 110	PCHAS_07023 0	4.07461	4.35328	3.9576	0.23041	4.35493	4.72277	0.5343	0.2090991	0.23041	py	0.2609618	4.354929	pb
PF11_0524	PKH_090420	PVX_091025	PY07662	PBANKA_093 990	PCHAS_09044 0	3.29868	3.0875	2.49016	1.40929	3.26003	5.09082	0.7771	0.5318529	5.09082	pc	0.2452639	1.409289	py
PF13_0013	PKH_140110	PVX_121970	PY00741	PBANKA_140 110	PCHAS_14030 0	1.35216	0.62645	1.91474	2.23576	1.33262	0.8379	0.45095	0.3605088	2.23576	py	0.450636	1.332621	pb
PF13_0014	PKH_140130	PVX_121980	PY03900	PBANKA_140 130	PCHAS_14032 0	2.35019	2.5229	2.35667	2.50413	2.64561	2.12697	0.1398	0.0923302	2.12697	pc	0.080041	2.645612	pb
PF13_0015	PKH_140140	PVX_121985	PY03901	PBANKA_140 140	PCHAS_14033 0	2.71238	1.92737	2.46044	0.67425	2.47179	2.42998	0.4355	0.165364	0.67425	py	0.2038671	2.471792	pb
PF13_0016	PKH_140160	PVX_121995	PY03902	PBANKA_140 160	PCHAS_14035 0	3.26037	3.07805	3.4775	4.66316	3.89984	4.15457	0.48361	0.343198	4.66316	py	0.3234133	3.89984	pb
PF13_0018	PKH_140190	PVX_122010	PY02930	PBANKA_140 190	PCHAS_14038 0	1.2793	1.33019	2.13816	3.69526	0.46835	1.98733	0.79049	0.4755692	3.69526	py	0.3790011	0.468346	pb
PF13_0019	PKH_140200	PVX_122015	PY02931	PBANKA_140 200	PCHAS_14039 0	5.93815	5.41745	5.02514	2.21464	0.79896	5.52411	0.92524	0.5155396	2.21464	py	0.2549158	0.798957	pb
PF13_0020	PKH_140290	PVX_122060	PY07310	PBANKA_140 290	PCHAS_14048 0	3.1838	0.83081	4.92975	0.31658	1.85762	2.63222	1.29013	0.9337245	4.92975	pv	0.7818952	0.316577	py
PF13_0022	PKH_140320	PVX_122075	PY00225	PBANKA_140 320	PCHAS_14051 0	3.76683	2.79334	2.7744	5.17879	3.61129	4.38254	0.69152	0.5163251	5.17879	py	0.6454064	3.611292	pb
PF13_0023	PKH_140340	PVX_122080	PY02185	PBANKA_140 340	PCHAS_14053 0	2.07746	1.4767	2.27292	6.27149	2.90022	2.20343	0.63902	0.3237961	6.27149	py	0.2305493	2.900216	pb
PF13_0024	PKH_140350	PVX_122085	PY02186	PBANKA_140 350	PCHAS_14054 0	4.08252	0.75903	5.22649	1.67475	4.65445	4.80886	1.11097	0.7063459	1.67475	py	0.8443318	4.654454	pb
PF13_0026	PKH_140370	PVX_122095	PY02188	PBANKA_140 370	PCHAS_14056 0	3.7396	3.54633	3.03121	4.25259	3.02931	3.68821	0.34559	0.2734574	4.25259	py	0.2125669	3.029311	pb
PF13_0027	PKH_140400	PVX_122110	PY00561	PBANKA_140 400	PCHAS_14059 0	2.58787	3.2136	3.06987	5.45391	3.06439	2.13012	0.65917	0.3130944	5.45391	py	0.391368	3.06439	pb
PF13_0028	PKH_140410	PVX_122115	PY00562	PBANKA_140 410	PCHAS_14060 0	4.72893	2.63346	4.07198	4.60415	3.65352	4.4064	0.56342	0.3215159	2.63346	pk	0.3182911	4.071983	pv
PF13_0031	PKH_140440	PVX_122130	PY05590	PBANKA_140 440	PCHAS_14063 0	3.16262	4.54596	2.82885	1.9809	1.50013	1.67317	0.89721	0.5636344	4.54596	pk	0.4925552	2.828849	pv
PF13_0032	PKH_140470	PVX_122145	PY02587	PBANKA_140 470	PCHAS_14066 0	4.29673	4.01473	4.28913	3.2768	5.23114	4.69834	0.44092	0.325122	3.2768	py	0.172801	5.231141	pb

PF13_0033	PKH_140490	PVX_122155	PY02590	PBANKA_140490	PCHAS_140680	3.97804	5.5174	3.62064	3.14468	3.44875	3.18658	0.55601	0.2534847	5.5174	pk	0.2738839	3.620642	pv
PF13_0034	PKH_140510	PVX_122165	PY02592	PBANKA_140510	PCHAS_140700	2.74127	6.27903	4.70609	1.3413	2.92357	2.85702	1.06805	0.7094201	6.27903	pk	0.4245063	4.706091	pv
PF13_0040	PKH_140650	PVX_122210	PY00033	PBANKA_140610	PCHAS_140800	5.057	4.39819	3.3291	2.63478	1.30737	4.63459	1.13642	0.7455418	1.30737	pb	0.8728259	4.634594	pc
PF13_0041	PKH_140660	PVX_122215	PY00032	PBANKA_140620	PCHAS_140810	0.03207	0.29876	4.63992	1.88231	0.02126	1.17924	0.82504	0.6016445	4.63992	pv	0.3561676	1.882315	py
PF13_0042	PKH_140670	PVX_122220	PY00031	PBANKA_140630	PCHAS_140820	2.26954	1.03852	2.56016	1.76113	0.43881	1.8863	0.57959	0.4060095	0.43881	pb	0.5075119	1.886301	pc
PF13_0043	PKH_140700	PVX_122235	PY06256	PBANKA_140660	PCHAS_140850	2.38812	4.27053	4.81668	4.82676	4.51071	4.6683	0.52373	0.1724397	2.38812	pf	0.1161056	4.270527	pk
PF13_0045	PKH_140720	PVX_122245	PY03153	PBANKA_140680	PCHAS_140870	2.41585	2.14438	2.28965	4.32959	2.54716	1.31952	0.58984	0.2998222	4.32959	py	0.3103996	2.547162	pb
PF13_0047	PKH_140760	PVX_122265	PY04274	PBANKA_140720	PCHAS_140910	4.19068	4.63168	4.82018	1.9988	2.8965	4.68029	0.84103	0.4826585	1.9988	py	0.1695272	2.896499	pb
PF13_0048	PKH_140780	PVX_122275	PY07320	PBANKA_140740	PCHAS_140930	2.16512	2.34532	2.97676	2.20306	0.91738	1.41046	0.50536	0.3492999	0.91738	pb	0.2384755	1.410462	pc
PF13_0049	PKH_140800	PVX_122285	PY06973	PBANKA_140760	PCHAS_140950	2.34471	2.03653	2.16969	2.54975	2.85177	2.48284	0.22224	0.1652724	2.85177	pb	0.1720592	2.482836	pc
PF13_0050	PKH_140830	PVX_122300	PY02325	PBANKA_140790	PCHAS_140980	4.22861	5.40056	0.42486	1.82077	1.13402	1.50745	1.14676	0.7571966	4.22861	pf	0.4423363	5.400563	pk
PF13_0051	PKH_140840	PVX_122305	PY02326	PBANKA_140800	PCHAS_140990	1.94226	1.67442	4.96156	2.47142	2.12421	1.38682	0.75895	0.3068782	4.96156	pv	0.2513088	2.471418	py
PF13_0052	PKH_140850	PVX_122310	PY03106	PBANKA_140810	PCHAS_141000	1.93218	3.00591	2.10041	3.06647	2.73272	2.13547	0.43951	0.3412088	3.06647	py	0.2771974	2.732724	pb
PF13_0053	PKH_140860	PVX_122315	PY03107	PBANKA_140820	PCHAS_141010	1.97982	2.85984	1.20364	5.16712	2.87429	1.93136	0.94917	0.5198245	5.16712	py	0.4261631	2.874291	pb
PF13_0054	PKH_140870	PVX_122320	PY03108	PBANKA_140830	PCHAS_141020	3.33254	3.04418	2.14832	1.13328	3.02354	2.23289	0.64763	0.3991028	1.13328	py	0.4988785	3.023538	pb
PF13_0055	PKH_140920	PVX_122345	PY05348	PBANKA_140880	PCHAS_141070	0.66912	0.86275	0.999	1.03223	2.63967	1.5293	0.44506	0.2059316	2.63967	pb	0.1248385	1.5293	pc
PF13_0056	PKH_140930	PVX_122350	PY06125	PBANKA_140890	PCHAS_141080	1.06149	1.898	2.48384	2.64669	3.12462	3.18771	0.58595	0.3860958	1.06149	pf	0.2954475	1.898004	pk
PF13_0058	PKH_140960	PVX_122365	PY02798	PBANKA_140920	PCHAS_141110	6.04598	0.1022	5.73269	6.14934	5.73933	5.77213	0.22276	0.1446595	0.1022	pk	0.1709649	5.732688	pv
PF13_0060	PKH_141000	PVX_122385	PY02801	PBANKA_140960	PCHAS_141150	1.01684	3.47501	0.13499	0.73998	5.94207	2.50825	1.07771	0.7462436	3.47501	pk	0.7815564	0.134991	pv
PF13_0061	PKH_141020	PVX_122395	PY02803	PBANKA_140980	PCHAS_141170	3.48154	2.70126	3.84695	5.02772	3.98315	4.45602	0.57286	0.4310515	2.70126	pk	0.5047649	3.846948	pv
PF13_0062	PKH_141030	PVX_122405	PY02804	PBANKA_140990	PCHAS_141180	2.83518	3.70945	2.78481	3.81133	3.55657	4.03255	0.39613	0.2904262	2.78481	pv	0.3375614	3.811332	py
PF13_0063	PKH_141040	PVX_122410	PY02805	PBANKA_141000	PCHAS_141190	4.27813	5.55428	3.78864	3.18314	3.31379	4.12988	0.61278	0.3822144	5.55428	pk	0.4777681	3.788641	pv

PF13_0065	PKH_141110	PVX_122430	PY01556	PBANKA_141040	PCHAS_141230	3.35269	0.56769	3.96367	2.53113	2.32348	2.27333	0.7805	0.5439086	0.56769	pk	0.3217521	3.963666	pv
PF13_0068	PKH_141150	PVX_122450	PY02336	PBANKA_141080	PCHAS_141270	3.92428	3.23993	3.30033	2.64972	3.43491	2.81931	0.32509	0.2532436	3.92428	pf	0.3165545	3.239926	pk
PF13_0070	PKH_141180	PVX_122460	PY05086	PBANKA_141110	PCHAS_141300	5.40823	3.01591	4.9665	3.45368	4.38501	4.29777	0.6654	0.5246564	3.01591	pk	0.510448	4.966498	pv
PF13_0072	PKH_141190	PVX_122465	PY05085	PBANKA_141120	PCHAS_141310	5.40479	5.75039	0.42143	2.57205	4.97017	1.74445	1.24369	0.8714562	2.57205	py	0.8942653	4.970173	pb
PF13_0078	PKH_141260	PVX_122495	PY03766	PBANKA_141190	PCHAS_141380	5.68146	4.89483	4.8824	5.0939	5.09838	5.69594	0.26744	0.2005227	5.69594	pc	0.1037616	5.681465	pf
PF13_0081	PKH_141350	PVX_122540	PY00477	PBANKA_141290	PCHAS_141470	1.44898	1.20068	4.40346	4.38232	4.20686	5.04235	1.14859	0.7579936	1.20068	pk	0.9422061	4.403463	pv
PF13_0083	PKH_141370	PVX_122550	PY00475	PBANKA_141310	PCHAS_141490	2.37942	2.78871	2.62276	0.34729	2.37996	2.36831	0.4494	0.1327472	0.34729	py	0.165934	2.379958	pb
PF13_0084	PKH_141400	PVX_122560	PY00473	PBANKA_141330	PCHAS_141510	1.61032	3.45819	2.5952	5.50687	0.76933	5.14612	1.46796	1.2449315	5.50687	py	1.0996961	0.769331	pb
PF13_0085	PKH_141430	PVX_122575	PY04620	PBANKA_141360	PCHAS_141540	0.98132	4.06071	0.23293	6.2139	6.21451	3.52996	1.03176	0.7012013	3.52996	pc	0.3380525	4.060714	pk
PF13_0087	PKH_141500	PVX_122610	PY06950	PBANKA_141420	PCHAS_141600	2.02909	3.25859	3.04956	5.49083	3.80834	1.29955	1.02993	0.7476565	5.49083	py	0.7448754	3.808341	pb
PF13_0088	PKH_141510	PVX_122615	PY06951	PBANKA_141430	PCHAS_141610	1.98224	4.48073	3.55854	2.10874	3.63558	2.45657	0.85455	0.6206273	4.48073	pk	0.5002926	3.558537	pv
PF13_0089	PKH_141540	PVX_122630	PY06556	PBANKA_141460	PCHAS_141640	3.91449	5.30795	3.2337	5.80234	2.90903	3.38142	0.91677	0.6159424	5.80234	py	0.6518305	2.909028	pb
PF13_0091	PKH_141570	PVX_122645	PY03239	PBANKA_141500	PCHAS_141680	2.4431	3.07782	2.43707	2.49121	1.24439	2.07267	0.37633	0.2118593	1.24439	pb	0.1722163	2.072666	pc
PF13_0095	PKH_141630	PVX_122675	PY03411	PBANKA_141560	PCHAS_141740	4.27048	5.18481	5.10383	4.08677	4.85348	4.41588	0.39483	0.320457	4.08677	py	0.4005713	4.853481	pb
PF13_0096	PKH_141620	PVX_122670	PY03410	PBANKA_141550	PCHAS_141730	2.38966	1.00115	2.66894	0.86901	3.72584	5.07553	1.20175	0.9049219	5.07553	pc	0.7971078	3.725836	pb
PF13_0098	PKH_141650	PVX_122685	PY00193	PBANKA_141580	PCHAS_141760	2.93292	3.17288	2.83815	1.32849	3.01373	3.23352	0.38676	0.1270648	1.32849	py	0.158831	3.013729	pb
PF13_0099	PKH_141660	PVX_122690	PY00192	PBANKA_141590	PCHAS_141770	2.9618	3.01824	3.01959	2.3199	2.98513	3.52248	0.21558	0.119028	2.3199	py	0.1405064	2.985129	pb
PF13_0101	PKH_141750	PVX_122735	PY01969	PBANKA_141680	PCHAS_141860	2.62711	4.6132	5.85309	3.97122	4.97602	5.20003	0.80293	0.4937405	2.62711	pf	0.5264719	4.613202	pk
PF13_0104	PKH_141820	PVX_122765	PY03274	PBANKA_141750	PCHAS_141930	4.69549	2.23006	0.6642	1.66367	2.80066	3.11916	1.00956	0.7183881	4.69549	pf	0.8979851	2.230065	pk
PF13_0106	PKH_141830	PVX_122770	PY03275	PBANKA_141760	PCHAS_141940	0.33205	0.77117	6.2151	6.21474	5.35851	0.39956	0.42733	0.261454	5.35851	pb	0.3099402	0.399564	pc
PF13_0107	PKH_141840	PVX_122775	PY04504	PBANKA_141770	PCHAS_141950	1.23783	5.3335	4.85423	6.17927	4.9522	0.98928	0.97214	0.7290605	1.23783	pf	0.9113256	5.3335	pk
PF13_0109	PKH_141850	PVX_122780	PY04503	PBANKA_141780	PCHAS_141960	1.83694	1.06582	1.97009	1.3996	1.55112	1.86484	0.27589	0.1768414	1.06582	pk	0.1877653	1.970087	pv

PF13_0116	PKH_141900	PVX_122810	PY03873	PBANKA_141 830	PCHAS_14201 0	0.75531	4.9214	3.46752	4.06284	1.11102	1.96873	1.43612	1.1328049	4.9214	pk	1.0413092	3.467518	pv
PF13_0117	PKH_141920	PVX_122820	PY03871	PBANKA_141 850	PCHAS_14203 0	3.65514	3.0788	6.01432	4.91185	3.29328	2.39856	0.96845	0.6179258	6.01432	pv	0.367764	4.911851	py
PF13_0118	PKH_141940	PVX_122830	PY07139	PBANKA_141 870	PCHAS_14205 0	3.27039	0.63905	2.31332	4.07801	4.0127	2.04574	1.0605	0.7463289	0.63905	pk	0.6936431	2.313321	pv
PF13_0119	PKH_141960	PVX_122840	PY07141	PBANKA_141 890	PCHAS_14207 0	0.32633	0.13041	0.00669	2.89955	2.94278	4.60858	1.28436	0.9787613	2.94278	pb	0.772197	4.608576	pc
PF13_0121	PKH_141980	PVX_122850	PY03521	PBANKA_141 910	PCHAS_14209 0	3.72334	3.87223	4.75497	5.56051	3.20947	1.29593	0.99316	0.6765349	1.29593	pc	0.4235998	5.560508	py
PF13_0122	PKH_141990	PVX_122855	PY03520	PBANKA_141 920	PCHAS_14210 0	1.80423	4.28296	2.55769	5.31218	2.87284	2.93335	0.88229	0.5708787	5.31218	py	0.7135984	2.872841	pb
PF13_0123	PKH_142000	PVX_122860	PY01632	PBANKA_141 930	PCHAS_14211 0	1.21058	1.13203	0.4557	5.6839	6.18529	2.07048	0.77576	0.6079582	2.07048	pc	0.4962021	5.6839	py
PF13_0124	PKH_123130	PVX_116780	PY06857	PBANKA_133 720	PCHAS_13418 0	1.67944	5.66292	6.26038	2.86903	5.87148	6.02601	0.96913	0.537719	2.86903	py	0.6335175	5.871484	pb
PF13_0126	PKH_123080	PVX_116755	PY01060	PBANKA_133 760	PCHAS_13422 0	3.6884	4.78824	5.89881	3.15035	5.54718	5.52618	0.89086	0.5938694	3.15035	py	0.7370866	5.54718	pb
PF13_0130	PKH_122990	PVX_116710	PY01589	PBANKA_133 840	PCHAS_13430 0	2.45345	3.31961	2.04724	2.63899	2.8006	2.47619	0.29705	0.1877816	3.31961	pk	0.1274898	2.047238	pv
PF13_0132	PKH_122970	PVX_116700	PY04600	PBANKA_133 860	PCHAS_13432 0	2.31199	2.36185	2.44271	2.57035	2.70039	2.4432	0.09957	0.067944	2.70039	pb	0.0848091	2.443196	pc
PF13_0133	PKH_122960	PVX_116695	PY02085	PBANKA_133 870	PCHAS_13433 0	2.89797	5.99258	4.87668	4.41362	5.89748	4.92004	0.7703	0.5199513	2.89797	pf	0.381803	5.992582	pk
PF13_0134	PKH_122950	PVX_116690	PY07345	PBANKA_133 880	PCHAS_13434 0	3.56086	2.60633	2.47203	2.66119	2.90921	3.37762	0.35136	0.2416932	3.56086	pf	0.2884016	2.606327	pk
PF13_0135	PKH_122930	PVX_116680	PY06640	PBANKA_133 900	PCHAS_13436 0	1.85496	3.3812	3.08473	2.83201	0.77206	0.00089	1.11167	0.7677807	0.00089	pc	0.4447386	0.772063	pb
PF13_0140	PKH_122830	PVX_116635	PY03886	PBANKA_134 000	PCHAS_13446 0	3.7098	3.75552	2.25918	0.20972	2.92146	2.28117	0.93945	0.5849944	0.20972	py	0.731243	2.921456	pb
PF13_0141	PKH_122820	PVX_116630	PY03885	PBANKA_134 010	PCHAS_13447 0	3.04233	2.31004	3.00266	5.16008	3.48298	4.21465	0.75045	0.4769856	5.16008	py	0.4860695	3.482975	pb
PF13_0142	PKH_122810	PVX_116625	PY00919	PBANKA_134 020	PCHAS_13448 0	2.39166	1.232	2.53259	4.11619	2.92392	2.61116	0.5825	0.3822839	4.11619	py	0.3800237	2.92392	pb
PF13_0143	PKH_122800	PVX_116620	PY00920	PBANKA_134 030	PCHAS_13449 0	2.59039	2.17367	2.39596	0.12763	1.52973	1.38341	0.68654	0.4146427	0.12763	py	0.3573167	1.529726	pb
PF13_0146	PKH_122730	PVX_116590	PY02027	PBANKA_134 090	PCHAS_13455 0	2.26949	5.54775	2.70205	1.21372	5.99397	3.48405	1.37775	1.0523192	5.54775	pk	1.2072605	2.702048	pv
PF13_0147	PKH_122660	PVX_116560	PY01733	PBANKA_134 150	PCHAS_13461 0	2.64535	2.09369	2.18271	3.05388	2.20381	2.32767	0.25778	0.1393237	3.05388	py	0.1741546	2.203811	pb
PF13_0148	PKH_122630	PVX_116550	PY03327	PBANKA_134 180	PCHAS_13464 0	4.04426	4.67943	4.62266	4.09751	3.07364	3.03073	0.54183	0.4368362	3.03073	pc	0.2900791	3.073644	pb
PF13_0149	PKH_122340	PVX_082410	PY01043	PBANKA_134 430	PCHAS_13489 0	3.97053	4.58246	5.2292	4.39223	5.07869	4.70676	0.34491	0.2666406	3.97053	pf	0.3022261	4.582463	pk

PF13_0150	PKH_122370	PVX_082395	PY01037	PBANKA_134 400	PCHAS_13486 0	1.90677	2.49207	2.64415	2.52806	2.04248	1.79205	0.3205	0.2445918	1.79205	pc	0.2677204	2.644151	pv
PF13_0152	PKH_122390	PVX_082385	PY01554	PBANKA_134 380	PCHAS_13484 0	6.23931	4.05193	5.86479	0.69774	2.80375	2.03062	1.37094	1.0593278	4.05193	pk	1.0451264	5.864793	pv
PF13_0154	PKH_122430	PVX_082365	PY07292	PBANKA_134 350	PCHAS_13481 0	5.02637	5.44167	5.41914	4.83231	5.57315	5.5392	0.2127	0.1333667	4.83231	py	0.1338384	5.573146	pb
PF13_0156	PKH_122490	PVX_082355	PY04957	PBANKA_134 330	PCHAS_13479 0	3.64372	3.70505	3.43859	3.87789	3.44024	3.59135	0.12608	0.0939889	3.87789	py	0.0797071	3.440236	pb
PF13_0159	PKH_122530	PVX_116500	PY06728	PBANKA_134 280	PCHAS_13474 0	0.11334	3.06046	3.57823	2.46142	0.12546	0.21364	1.36695	1.0566149	3.57823	pv	0.7588239	2.461419	py
PF13_0161	PKH_122560	PVX_116515	PY00261	PBANKA_134 250	PCHAS_13471 0	6.20101	0.21564	0.16958	0.00618	0.13038	0.58502	0.15264	0.0922443	0.58502	pc	0.0621667	6.201006	pf
PF13_0162	PKH_122320	PVX_082420	PY01353	PBANKA_134 450	PCHAS_13491 0	0.96966	0.61756	1.26782	5.90831	0.48546	2.4036	0.65216	0.4253802	2.4036	pc	0.2836149	5.908307	py
PF13_0164	PKH_122220	PVX_082465	PY06135	PBANKA_134 550	PCHAS_13501 0	5.21854	5.0886	3.16913	1.38417	4.12638	2.14991	1.28839	0.9976214	1.38417	py	1.2470268	4.126379	pb
PF13_0165	PKH_122190	PVX_082480	PY02209	PBANKA_134 580	PCHAS_13504 0	1.9907	1.83398	2.33033	2.63435	0.93766	1.19712	0.49777	0.3867153	0.93766	pb	0.2849998	1.197121	pc
PF13_0166	PKH_122180	PVX_082485	PY02207	PBANKA_134 590	PCHAS_13505 0	6.03988	6.27081	5.68402	5.59533	5.48728	5.69116	0.20587	0.129688	6.27081	pk	0.16211	5.684024	pv
PF13_0169	PKH_122130	PVX_082510	PY02177	PBANKA_134 640	PCHAS_13510 0	6.03736	4.03796	4.52523	0.04852	5.60382	5.71525	0.65288	0.4480037	4.03796	pk	0.2625004	4.525229	pv
PF13_0170	PKH_122110	PVX_082520	PY02178	PBANKA_134 660	PCHAS_13512 0	2.18999	1.95349	2.38643	1.5517	2.80778	2.31955	0.30309	0.2101434	1.5517	py	0.1406218	2.807776	pb
PF13_0171	PKH_122100	PVX_082525	PY07409	PBANKA_134 670	PCHAS_13513 0	2.36128	2.2569	2.47003	1.63488	3.03931	1.67264	0.38437	0.3047576	3.03931	pb	0.2348819	1.672639	pc
PF13_0173	PKH_122070	PVX_082540	PY02567	PBANKA_134 700	PCHAS_13516 0	5.92368	4.48857	5.84595	5.55637	5.91121	5.79269	0.3072	0.0971654	4.48857	pk	0.1214567	5.845946	pv
PF13_0175	PKH_122040	PVX_082555	PY05726	PBANKA_134 730	PCHAS_13519 0	1.31302	3.54523	2.63418	1.90277	2.52724	0.8947	0.76603	0.5907413	3.54523	pk	0.5555736	2.634185	pv
PF13_0176	PKH_122030	PVX_082560	PY05725	PBANKA_134 740	PCHAS_13520 0	4.94487	3.26045	3.0418	4.11431	4.17967	3.43465	0.58366	0.3983475	4.94487	pf	0.4543856	3.260452	pk
PF13_0177	PKH_122020	PVX_082565	PY05724	PBANKA_134 750	PCHAS_13521 0	1.22654	0.72172	1.82766	0.1916	6.09755	1.63995	0.66108	0.5108591	6.09755	pb	0.5352196	1.639952	pc
PF13_0179	PKH_122000	PVX_082575	PY01849	PBANKA_134 770	PCHAS_13523 0	2.63268	2.27127	2.80508	1.59913	1.87265	2.6087	0.3839	0.2587687	1.59913	py	0.1394485	1.872652	pb
PF13_0180	PKH_121990	PVX_082580	PY01850	PBANKA_134 780	PCHAS_13524 0	2.84197	2.77457	2.65979	2.93084	2.51018	2.69016	0.11454	0.084571	2.51018	pb	0.0846114	2.69016	pc
PF13_0182	PKH_121970	PVX_082590	PY01851	PBANKA_134 790	PCHAS_13525 0	3.68535	4.63542	3.79099	5.12987	4.11185	4.66717	0.47404	0.3652487	5.12987	py	0.4565608	4.11185	pb
PF13_0183	PKH_121940	PVX_082605	PY02103	PBANKA_134 820	PCHAS_13528 0	3.08634	2.63322	3.44496	4.80145	3.26096	2.23368	0.59236	0.3678048	4.80145	py	0.4161009	3.260961	pb
PF13_0184	PKH_121930	PVX_082610	PY01761	PBANKA_134 830	PCHAS_13529 0	1.59856	1.92003	2.44219	2.80472	1.25906	1.95443	0.40395	0.3078013	2.80472	py	0.2195106	1.259065	pb

PF13_0185	PKH_121920	PVX_082615	PY01762	PBANKA_134 840	PCHAS_13530 0	5.48054	5.83941	5.19945	4.56476	4.61572	4.99095	0.39133	0.299903	5.83941	pk	0.3227531	5.19945	pv
PF13_0186	PKH_121910	PVX_082620	PY04802	PBANKA_134 850	PCHAS_13531 0	0.99571	3.24761	1.60875	2.38227	2.86953	2.4971	0.60459	0.4252242	0.99571	pf	0.3439028	3.247608	pk
PF13_0188	PKH_121890	PVX_082630	PY01408	PBANKA_134 870	PCHAS_13533 0	4.87137	3.85959	5.28652	4.57875	5.01362	4.44613	0.38117	0.2550501	3.85959	pk	0.2150266	5.286518	pv
PF13_0189	PKH_121880	PVX_082635	PY01407	PBANKA_134 880	PCHAS_13534 0	3.82033	3.70685	5.38317	4.1029	0.28192	4.88681	0.8675	0.5485597	0.28192	pb	0.4897205	4.886813	pc
PF13_0196	PKH_121860	PVX_082645	PY02147	PBANKA_134 900	PCHAS_13536 0	5.79443	5.33593	2.85122	4.86176	5.17806	4.70242	0.64884	0.3132358	2.85122	pv	0.3124692	4.861761	py
PF13_0199	PKH_121790	PVX_082725	PY03050	PBANKA_134 960	PCHAS_13542 0	4.04305	4.01618	3.23132	2.8717	3.06369	2.31994	0.50587	0.4247675	2.31994	pc	0.3280283	4.043049	pf
PF13_0200	PKH_121780	PVX_082730	PY03051	PBANKA_134 970	PCHAS_13543 0	3.96492	3.48435	3.37063	3.40141	3.77609	2.37922	0.34568	0.1937927	2.37922	pc	0.1220991	3.964922	pf
PF13_0203	PKH_121700	PVX_082765	PY01502	PBANKA_135 050	PCHAS_13551 0	1.51358	0.18696	0.31543	2.45857	5.71731	5.18054	0.96152	0.6995062	2.45857	py	0.6861729	5.717306	pb
PF13_0204	PKH_121690	PVX_082770	PY06251	PBANKA_135 060	PCHAS_13552 0	2.34402	2.56919	1.98454	2.70456	2.36081	2.412	0.16606	0.1137827	1.98454	pv	0.0690884	2.704558	py
PF13_0205	PKH_121680	PVX_082775	PY06252	PBANKA_135 070	PCHAS_13553 0	2.13556	4.39659	3.93024	1.89048	1.859	1.9996	0.78555	0.4632647	4.39659	pk	0.0964213	3.930242	pv
PF13_0209	PKH_121630	PVX_082800	PY04968	PBANKA_135 120	PCHAS_13558 0	1.67326	2.89047	2.26031	1.9768	2.93112	1.84019	0.43194	0.3274666	2.93112	pb	0.3751798	1.840187	pc
PF13_0212	PKH_121590	PVX_082825	PY02719	PBANKA_135 160	PCHAS_13562 0	0.55666	3.12363	2.80097	1.79783	3.174	2.79533	0.65813	0.3408948	0.55666	pf	0.3454512	3.123635	pk
PF13_0213	PKH_121560	PVX_082840	PY02722	PBANKA_135 190	PCHAS_13565 0	2.14451	2.59765	2.42247	0.80626	2.47135	2.23975	0.38349	0.1369479	0.80626	py	0.1589638	2.47135	pb
PF13_0214	PKH_121550	PVX_082845	PY07121	PBANKA_135 200	PCHAS_13566 0	2.84919	2.36267	3.34868	0.10518	3.01139	3.01181	0.67581	0.2297264	0.10518	py	0.287158	3.011387	pb
PF13_0215	PKH_121480	PVX_082885	PY00558	PBANKA_135 270	PCHAS_13573 0	2.23165	0.13005	3.87209	3.11212	1.13366	0.54823	1.23399	0.9330979	3.87209	pv	0.6717577	3.112122	py
PF13_0221	PKH_121370	PVX_082940	PY04558	PBANKA_135 390	PCHAS_13585 0	2.32092	5.45176	0.48334	0.10058	0.65721	2.61296	0.9731	0.7417945	2.61296	pc	0.5985526	5.451764	pk
PF13_0222	PKH_121360	PVX_082945	PY04559	PBANKA_135 400	PCHAS_13586 0	2.8474	3.57841	2.37897	3.99341	0.12521	1.99554	0.98659	0.6394649	0.12521	pb	0.5863637	1.995535	pc
PF13_0223	PKH_121340	PVX_082955	PY07365	PBANKA_135 420	PCHAS_13588 0	4.6584	4.0505	5.86203	5.02034	5.06341	5.25147	0.40794	0.2869501	4.0505	pk	0.1590328	5.862028	pv
PF13_0224	PKH_121320	PVX_082965	PY01391	PBANKA_135 440	PCHAS_13590 0	2.04805	2.42785	2.48136	2.64658	2.64449	1.76286	0.25561	0.1630331	1.76286	pc	0.0954657	2.048053	pf
PF13_0226	PKH_121270	PVX_082990	PY03088	PBANKA_135 490	PCHAS_13595 0	5.74389	5.83582	0.44676	6.14134	0.70337	3.99931	0.71314	0.4273572	3.99931	pc	0.3228946	0.703366	pb
PF13_0227	PKH_121260	PVX_082995	PY03087	PBANKA_135 500	PCHAS_13596 0	2.75405	0.33696	3.45852	2.73738	2.68686	0.85548	0.84511	0.5340459	0.33696	pk	0.4872727	3.458523	pv
PF13_0228	PKH_121250	PVX_083000	PY06397	PBANKA_135 510	PCHAS_13597 0	2.15631	2.73287	2.57929	2.10916	2.44386	2.16496	0.22093	0.1515356	2.73287	pk	0.0858371	2.579288	pv

PF13_0229	PKH_121240	PVX_083005	PY00319	PBANKA_135 520	PCHAS_13598 0	5.1903	4.38056	3.55188	6.02855	4.45213	4.4405	0.54967	0.3419974	6.02855	py	0.4245906	4.452126	pb
PF13_0232	PKH_121210	PVX_083020	PY01577	PBANKA_135 550	PCHAS_13601 0	2.95834	3.16245	2.44342	1.24922	2.53773	3.06509	0.49258	0.2492783	1.24922	py	0.2064475	2.537734	pb
PF13_0233	PKH_121190	PVX_083030	PY01232	PBANKA_135 570	PCHAS_13603 0	6.10768	0.24792	6.21057	5.53554	6.23441	6.1672	0.19428	0.0981265	5.53554	py	0.1166966	6.234412	pb
PF13_0234	PKH_121170	PVX_083035	PY01233	PBANKA_135 590	PCHAS_13605 0	2.45567	2.31248	2.08619	3.63972	1.76675	1.5446	0.50172	0.2913603	3.63972	py	0.2843392	1.766749	pb
PF13_0235	PKH_121160	PVX_083040	PY01234	PBANKA_135 600	PCHAS_13606 0	2.16148	2.74991	1.9988	1.21852	0.99075	1.79848	0.48374	0.3902036	2.74991	pk	0.4376732	1.998802	pv
PF13_0236	PKH_121130	PVX_083055	PY05490	PBANKA_135 620	PCHAS_13608 0	1.88922	2.75366	3.57971	2.33226	5.72419	4.94833	1.21285	0.8613122	5.72419	pb	0.5279729	4.948333	pc
PF13_0237	PKH_121120	PVX_083060	PY05489	PBANKA_135 630	PCHAS_13609 0	3.72683	4.52698	4.50041	3.01347	4.35149	4.55981	0.4159	0.201694	3.01347	py	0.2148881	4.351489	pb
PF13_0238	PKH_121080	PVX_083080	PY02946	PBANKA_135 670	PCHAS_13613 0	0.50942	0.32847	5.47468	0.61886	0.36076	5.98213	0.37836	0.2201748	5.47468	pv	0.2106928	0.618861	py
PF13_0239	PKH_120970	PVX_083130	PY06209	PBANKA_135 760	PCHAS_13622 0	1.57458	2.88634	3.43141	5.47069	0.82536	1.61972	1.05834	0.7835618	5.47069	py	0.7808621	0.82536	pb
PF13_0241	PKH_120920	PVX_083160	PY00587	PBANKA_135 810	PCHAS_13627 0	3.57571	3.48424	2.15504	0.46282	2.49063	3.61481	0.92771	0.5089677	0.46282	py	0.3878073	2.490632	pb
PF13_0242	PKH_120870	PVX_083185	PY00592	PBANKA_135 860	PCHAS_13632 0	3.59856	3.38031	3.45141	3.35346	3.70322	3.67614	0.13212	0.1081864	3.70322	pb	0.0790504	3.67614	pc
PF13_0245	PKH_120770	PVX_083225	PY01328	PBANKA_135 940	PCHAS_13640 0	1.87902	3.11353	3.21828	1.98296	1.22396	1.8342	0.56293	0.4076649	3.21828	pv	0.4835964	1.982959	py
PF13_0246	PKH_120760	PVX_083230	PY01327	PBANKA_135 950	PCHAS_13641 0	4.87543	3.1578	3.52167	2.77076	4.18425	4.21207	0.63692	0.4935516	4.87543	pf	0.5259721	3.157798	pk
PF13_0249	PKH_120700	PVX_083245	PY01130	PBANKA_135 980	PCHAS_13644 0	4.67711	4.66196	4.41073	3.87388	5.34161	5.0143	0.34774	0.2566431	3.87388	py	0.1546807	5.341606	pb
PF13_0250	PKH_120690	PVX_083250	PY01132	PBANKA_135 990	PCHAS_13645 0	2.00774	0.06982	6.25744	4.10823	3.94893	0.01588	1.10473	0.9189837	2.00774	pf	1.1248392	0.069819	pk
PF13_0253	PKH_120620	PVX_083280	PY06073	PBANKA_136 050	PCHAS_13651 0	0.28231	0.11561	0.91073	2.50927	0.56427	0.46079	0.52093	0.2154174	2.50927	py	0.2434011	0.564273	pb
PF13_0256	PKH_120500	PVX_083340	PY02889	PBANKA_136 170	PCHAS_13663 0	1.39682	2.27349	1.98864	0.11808	3.41368	1.13047	0.83841	0.6027181	3.41368	pb	0.6868092	1.130466	pc
PF13_0257	PKH_120470	PVX_083355	PY02891	PBANKA_136 200	PCHAS_13666 0	1.93151	1.6396	1.95855	2.10785	2.22177	1.95744	0.1266	0.0881327	1.6396	pk	0.1101658	1.958554	pv
PF13_0258	PKH_120460	PVX_083360	PY04013	PBANKA_136 210	PCHAS_13667 0	5.52214	4.46834	5.08671	5.16519	5.37095	5.51639	0.28154	0.1573251	4.46834	pk	0.1255984	5.086714	pv
PF13_0259	PKH_120450	PVX_083365	PY04017	PBANKA_136 220	PCHAS_13668 0	1.95731	3.55629	3.12262	2.06427	4.15046	1.67874	0.85484	0.6085722	4.15046	pb	0.6643319	1.678736	pc
PF13_0260	PKH_120420	PVX_083380	PY00113	PBANKA_136 250	PCHAS_13671 0	4.83743	4.52069	0.07283	5.1268	6.28143	5.49124	0.60729	0.482907	0.07283	pv	0.6036337	5.126802	py
PF13_0261	PKH_120410	PVX_083385	PY00114	PBANKA_136 260	PCHAS_13672 0	1.55168	2.71332	2.19472	2.48525	1.90553	1.53847	0.3996	0.317964	2.71332	pk	0.3251555	2.194724	pv

PF13_0262	PKH_120380	PVX_083400	PY00115	PBANKA_136 290	PCHAS_13675 0	2.61322	2.41772	2.7625	5.24994	3.00477	3.12935	0.59844	0.220636	5.24994	py	0.2152262	3.004773	pb
PF13_0263	PKH_120360	PVX_083410	PY05605	PBANKA_136 310	PCHAS_13677 0	1.72442	1.35772	2.46896	2.34858	0.5036	2.38198	0.6023	0.3537605	0.5036	pb	0.4338509	2.38198	pc
PF13_0264	PKH_120350	PVX_083415	PY05606	PBANKA_136 320	PCHAS_13678 0	4.16626	1.11128	2.59421	5.05502	5.27618	2.08678	1.45087	1.1300446	1.11128	pk	1.0195436	2.594208	pv
PF13_0268	PKH_120250	PVX_083465	PY00934	PBANKA_136 420	PCHAS_13688 0	2.25436	2.29242	2.66576	2.4534	2.40891	2.56676	0.12171	0.0946753	2.66576	pv	0.10722	2.453403	py
PF13_0269	PKH_120240	PVX_083470	PY00935	PBANKA_136 430	PCHAS_13689 0	1.42488	2.88013	0.14688	4.8731	4.05705	3.91798	1.18954	0.90101	1.42488	pf	0.832033	2.88013	pk
PF13_0271	PKH_120190	PVX_083495	PY07088	PBANKA_136 480	PCHAS_13694 0	1.21446	1.29384	1.92046	1.60806	0.70426	0.71066	0.3655	0.2973968	1.92046	pv	0.2733462	1.608061	py
PF13_0272	PKH_120150	PVX_083515	PY06242	PBANKA_136 520	PCHAS_13698 0	4.04689	4.20589	1.77461	4.55111	6.16889	4.59739	0.88167	0.5027002	1.77461	pv	0.6283752	4.551112	py
PF13_0273	PKH_120120	PVX_083530	PY01194	PBANKA_136 530	PCHAS_13699 0	2.16525	3.00486	2.80347	2.87764	2.60605	2.13757	0.29619	0.222242	2.13757	pc	0.1182465	2.165248	pf
PF13_0274	PKH_120110	PVX_083535	PY02732	PBANKA_136 540	PCHAS_13700 0	2.79182	3.53916	3.25548	2.136	3.19917	3.16957	0.31607	0.166649	2.136	py	0.2083112	3.199175	pb
PF13_0277	PKH_111780	PVX_114655	PY00833	PBANKA_112 990	PCHAS_11294 0	3.63026	3.56759	0.433	1.04872	4.12563	1.62917	1.36877	1.0156001	0.433	pv	0.6397816	1.048716	py
PF13_0279	PKH_111760	PVX_114665	PY04660	PBANKA_113 010	PCHAS_11296 0	2.898	3.67637	3.47954	5.19277	3.42888	2.64127	0.56342	0.3233275	5.19277	py	0.4041594	3.428884	pb
PF13_0281	PKH_111740	PVX_114675	PY05550	PBANKA_113 030	PCHAS_11298 0	2.34199	2.89939	1.99124	2.16383	3.05541	2.56986	0.33794	0.2628382	3.05541	pb	0.2715795	2.56986	pc
PF13_0282	PKH_111730	PVX_114680	PY02352	PBANKA_113 040	PCHAS_11299 0	3.6015	4.42159	3.30562	3.1294	3.28919	3.64452	0.3239	0.1654861	4.42159	pk	0.2068576	3.305622	pv
PF13_0284	PKH_111710	PVX_114690	PY02349	PBANKA_113 070	PCHAS_11302 0	2.1714	3.19211	3.25616	5.18224	3.27334	3.71679	0.59212	0.3253235	5.18224	py	0.4023604	3.273338	pb
PF13_0285	PKH_111700	PVX_114695	PY02348	PBANKA_113 080	PCHAS_11303 0	5.59003	1.02096	0.45828	2.49178	3.80732	0.33284	1.13453	0.7746123	3.80732	pb	0.9369059	0.33284	pc
PF13_0287	PKH_111670	PVX_114710	PY03301	PBANKA_113 110	PCHAS_11306 0	2.7665	2.60499	2.01518	2.75697	2.20663	2.6142	0.21848	0.1423714	2.01518	pv	0.1422725	2.756967	py
PF13_0290	PKH_111630	PVX_114730	PY04889	PBANKA_113 150	PCHAS_11310 0	2.93494	4.10917	5.21451	2.09358	4.24259	2.28205	1.04262	0.7952266	5.21451	pv	0.7836942	2.093582	py
PF13_0291	PKH_111620	PVX_114735	PY04888	PBANKA_113 160	PCHAS_11311 0	4.39633	0.41557	5.11855	3.72947	5.83541	4.52709	0.8333	0.5656307	0.41557	pk	0.5591732	5.118548	pv
PF13_0292	PKH_111610	PVX_114740	PY04887	PBANKA_113 170	PCHAS_11312 0	1.81168	2.37751	3.63178	2.66856	2.39131	1.12955	0.56215	0.4237263	3.63178	pv	0.4568959	2.668562	py
PF13_0293	PKH_111600	PVX_114745	PY04885	PBANKA_113 180	PCHAS_11313 0	1.42399	2.75916	2.14867	4.21086	3.10579	1.62144	0.81362	0.5639029	4.21086	py	0.4655995	3.105788	pb
PF13_0298	PKH_111500	PVX_114780	PY04629	PBANKA_113 230	PCHAS_11318 0	4.44105	0.73863	0.72671	4.96919	4.73805	1.83678	1.33084	0.9705203	1.83678	pc	1.0811177	4.441054	pf
PF13_0299	PKH_111490	PVX_114785	PY04919	PBANKA_113 240	PCHAS_11319 0	5.00276	3.86558	1.86917	0.16177	3.80772	4.57488	1.08002	0.7548837	1.86917	pv	0.4760851	0.161773	py

PF13_0300	PKH_111480	PVX_114790	PY04920	PBANKA_113 250	PCHAS_11320 0	2.56701	1.5725	1.50765	0.37617	2.73194	1.64803	0.58178	0.4437598	0.37617	py	0.2837224	2.731937	pb
PF13_0301	PKH_111470	PVX_114795	PY01609	PBANKA_113 260	PCHAS_11321 0	5.39629	5.6763	5.01846	5.46428	3.4493	5.0711	0.49967	0.2102026	3.4493	pb	0.1814563	5.0711	pc
PF13_0302	PKH_111460	PVX_114800	PY01608	PBANKA_113 270	PCHAS_11322 0	3.11502	5.51823	4.18566	6.19072	0.88412	3.71425	1.31022	0.9759339	0.88412	pb	1.1020664	3.714253	pc
PF13_0303	PKH_111440	PVX_114810	PY02933	PBANKA_113 290	PCHAS_11324 0	1.64417	4.78349	5.35812	5.45999	5.8432	5.67043	0.6399	0.2744059	1.64417	pf	0.1738824	4.783488	pk
PF13_0307	PKH_111360	PVX_114845	PY00365	PBANKA_113 370	PCHAS_11332 0	3.52666	3.72193	4.95412	2.38374	3.14515	1.92367	0.79169	0.5882363	4.95412	pv	0.5449415	2.383739	py
PF13_0310	PKH_111290	PVX_114880	PY06014	PBANKA_113 440	PCHAS_11339 0	1.62552	0.88448	1.94313	1.92204	0.69545	5.98734	0.7011	0.4570485	5.98734	pc	0.4919079	1.943132	pv
PF13_0313	PKH_111250	PVX_114895	PY01182	PBANKA_113 480	PCHAS_11343 0	1.92158	1.23537	2.4577	2.21479	1.21235	2.26716	0.42839	0.3135795	1.21235	pb	0.3788843	2.267155	pc
PF13_0314	PKH_111240	PVX_114900	PY01183	PBANKA_113 490	PCHAS_11344 0	6.14778	4.98418	0.48586	0.02656	0.12995	4.703	0.60949	0.4100425	4.703	pc	0.1811635	4.984184	pk
PF13_0315	PKH_111140	PVX_114940	PY02887	PBANKA_113 570	PCHAS_11352 0	2.21099	3.00902	4.15888	2.95032	1.12151	4.36168	0.87446	0.6718483	1.12151	pb	0.5016473	4.361676	pc
PF13_0316	PKH_111200	PVX_114910	PY03929	PBANKA_113 510	PCHAS_11346 0	2.3979	2.25931	2.56894	2.33151	2.13697	1.80447	0.18293	0.1141122	1.80447	pc	0.0832811	2.568944	pv
PF13_0319	PKH_111040	PVX_114985	PY00950	PBANKA_113 660	PCHAS_11361 0	2.4987	3.17143	1.70295	5.6899	3.29917	2.8498	0.85151	0.4537893	5.6899	py	0.4548945	3.299165	pb
PF13_0327	PKH_110900	PVX_115045	PY01089	PBANKA_113 770	PCHAS_11372 0	5.03725	4.6219	4.22159	5.48137	4.54899	4.5198	0.30836	0.1835527	5.48137	py	0.2294409	4.548987	pb
PF13_0328	PKH_110880	PVX_115055	PY01758	PBANKA_113 790	PCHAS_11374 0	4.01939	4.14836	4.84572	3.93521	4.23859	4.37635	0.22628	0.1320681	4.84572	pv	0.1117968	3.93521	py
PF13_0329	PKH_110870	PVX_115060	PY06706	PBANKA_113 800	PCHAS_11375 0	5.34392	6.18613	4.3792	5.5814	4.41424	4.75122	0.59447	0.4263776	6.18613	pk	0.4399665	4.379197	pv
PF13_0330	PKH_110850	PVX_115065	PY05342	PBANKA_113 820	PCHAS_11377 0	2.06481	2.86251	1.54344	2.79853	2.0684	2.75388	0.45638	0.3055659	1.54344	pv	0.3707936	2.798532	py
PF13_0331	PKH_110840	PVX_115070	PY00975	PBANKA_113 830	PCHAS_11378 0	2.28927	2.81946	0.82761	5.61626	3.52673	4.73151	1.32303	1.028272	5.61626	py	1.1085237	3.526729	pb
PF13_0335	PKH_110730	PVX_115125	PY05801	PBANKA_113 940	PCHAS_11389 0	3.106	3.97635	3.7517	2.98504	2.5165	6.23908	0.89326	0.4453004	6.23908	pc	0.4092513	2.516504	pb
PF13_0341	PKH_110590	PVX_115200	PY02779	PBANKA_114 060	PCHAS_11401 0	1.60003	1.86968	2.24657	0.29999	1.79007	1.93814	0.39405	0.1589206	0.29999	py	0.1787486	1.790072	pb
PF13_0344	PKH_110530	PVX_115230	PY02846	PBANKA_114 120	PCHAS_11407 0	2.01054	2.60128	3.50506	1.56689	1.86048	0.68853	0.66683	0.4712819	3.50506	pv	0.5157035	1.566885	py
PF13_0347	PKH_110470	PVX_115260	PY03338	PBANKA_114 180	PCHAS_11413 0	1.26254	3.19396	3.12242	2.23651	2.52368	0.89065	0.74173	0.5634664	0.89065	pc	0.3890484	1.262537	pf
PF13_0348	PKH_110420	PVX_115280	PY03152	PBANKA_114 230	PCHAS_11418 0	2.98382	2.45068	2.81186	2.4506	0.98561	1.37979	0.57173	0.3930576	0.98561	pb	0.2236009	1.379793	pc
PF13_0349	PKH_110410	PVX_115285	PY04911	PBANKA_114 240	PCHAS_11419 0	3.95664	4.19757	5.66384	5.14428	4.71768	3.93475	0.5728	0.3941124	5.66384	pv	0.2559643	5.144277	py

PF13_0351	PKH_110390	PVX_115295	PY06102	PBANKA_114 260	PCHAS_11421 0	0.64458	2.52614	1.73639	5.43898	2.89369	1.75697	0.94001	0.6077723	5.43898	py	0.4755349	2.893693	pb
PF13_0353	PKH_110300	PVX_115335	PY03083	PBANKA_114 340	PCHAS_11429 0	4.51511	4.24352	5.64622	3.61077	0.58065	5.09831	0.87316	0.5780462	0.58065	pb	0.5767582	5.098308	pc
PF13_0354	PKH_110280	PVX_115345	PY03081	PBANKA_114 360	PCHAS_11431 0	2.12288	3.00352	2.65496	2.1302	1.40288	2.07955	0.3639	0.2912102	1.40288	pb	0.3513522	2.079554	pc
PF13_0356	PKH_110210	PVX_115380	PY04217	PBANKA_114 430	PCHAS_11438 0	4.23529	4.66402	0.23423	2.71571	4.80684	4.55406	0.7472	0.50397	0.23423	pv	0.1703767	2.715715	py
PF13_0357	PKH_110200	PVX_115385	PY05706	PBANKA_114 440	PCHAS_11439 0	2.19373	2.76984	3.41908	2.6029	3.48692	2.48285	0.39939	0.3024667	3.48692	pb	0.3480705	2.48285	pc
PF13_0360	PKH_110140	PVX_115415	PY04539	PBANKA_114 500	PCHAS_11445 0	2.00051	2.70551	2.42758	5.50548	2.54364	2.76129	0.66676	0.2077423	5.50548	py	0.2596778	2.543639	pb
PF13_0361	PKH_110090	PVX_115440	PY01143	PBANKA_114 560	PCHAS_11451 0	3.76495	3.71819	3.08062	2.84964	3.35934	2.77438	0.35631	0.2907028	3.76495	pf	0.2039859	3.718191	pk
PF14_0020	PKH_134520	PVX_086340	PY00116	PBANKA_104 010	PCHAS_10409 0	4.79473	5.90211	2.64781	4.86849	1.44912	0.56356	1.32412	0.9831663	2.64781	pv	0.970553	4.868486	py
PF14_0023	PKH_134490	PVX_086325	PY00117	PBANKA_103 980	PCHAS_10406 0	2.26135	2.71653	2.29309	3.07026	1.49661	2.92567	0.44357	0.2882987	1.49661	pb	0.3080876	2.925673	pc
PF14_0024	PKH_134480	PVX_086320	PY00118	PBANKA_103 970	PCHAS_10405 0	5.28952	5.47234	4.73218	5.03111	4.07588	4.49411	0.41513	0.3071134	4.07588	pb	0.2496413	4.494113	pc
PF14_0025	PKH_134470	PVX_086315	PY00119	PBANKA_103 960	PCHAS_10404 0	3.71589	4.75024	3.7456	5.77679	2.96525	3.70552	0.64766	0.3650128	5.77679	py	0.2686047	2.965249	pb
PF14_0026	PKH_134460	PVX_086310	PY00121	PBANKA_103 950	PCHAS_10403 0	2.90465	0.29826	4.9599	2.7718	3.96605	2.12212	1.1064	0.8064063	0.29826	pk	0.4941953	4.959904	pv
PF14_0027	PKH_134450	PVX_086305	PY00122	PBANKA_103 940	PCHAS_10402 0	2.28527	2.11459	2.59425	2.51265	2.26996	1.47383	0.25563	0.1444701	1.47383	pc	0.1033411	2.594254	pv
PF14_0028	PKH_134440	PVX_086295	PY00123	PBANKA_103 930	PCHAS_10401 0	2.08655	1.0721	2.4987	2.11754	3.63838	2.73937	0.60004	0.4347321	1.0721	pk	0.5434152	2.498704	pv
PF14_0029	PKH_134430	PVX_086290	PY00124	PBANKA_103 920	PCHAS_10400 0	4.93186	5.5219	6.08562	4.53925	5.20273	5.39722	0.38848	0.2896028	6.08562	pv	0.1961326	4.539246	py
PF14_0029a	PKH_134420	PVX_086285	PY00125	PBANKA_103 910	PCHAS_10399 0	5.53699	1.94273	3.72634	4.793	2.38083	2.33046	1.22886	0.8492318	5.53699	pf	0.9520147	1.942729	pk
PF14_0030	PKH_134400	PVX_086280	PY00126	PBANKA_103 900	PCHAS_10398 0	1.29848	5.09804	5.64108	4.19122	5.56126	2.44441	1.17506	0.7866965	2.44441	pc	0.4782701	1.298481	pf
PF14_0031a	PKH_134380	PVX_086275	PY00128	PBANKA_103 890	PCHAS_10397 0	4.34954	4.79887	5.30886	5.29235	0.12381	4.82947	0.50505	0.2905581	0.12381	pb	0.3631977	4.829475	pc
PF14_0032	PKH_134340	PVX_086265	PY05274	PBANKA_103 860	PCHAS_10394 0	4.28584	3.63166	5.94037	5.66859	0.26416	1.95013	1.18916	0.9140431	1.95013	pc	0.6333214	3.631655	pk
PF14_0034	PKH_134320	PVX_086250	PY00812	PBANKA_103 830	PCHAS_10391 0	0.38153	5.55993	5.44774	2.15127	2.90871	6.02377	1.2011	0.818302	2.90871	pb	1.0228775	6.023775	pc
PF14_0037	PKH_134290	PVX_086235	PY05431	PBANKA_103 810	PCHAS_10389 0	4.273	3.34938	2.88352	0.01084	3.18824	3.12368	0.78683	0.3230372	0.01084	py	0.4037965	3.188236	pb
PF14_0038	PKH_134280	PVX_086230	PY05430	PBANKA_103 800	PCHAS_10388 0	2.74093	2.32625	1.71929	3.61181	4.22305	4.29019	0.88976	0.689211	1.71929	pv	0.8615137	3.611815	py

PF14_0041	PKH_134250	PVX_086215	PY00995	PBANKA_103770	PCHAS_103850	1.39297	4.3424	3.32627	4.03743	2.33361	4.07395	0.90016	0.5512964	1.39297	pf	0.6128768	4.342405	pk
PF14_0042	PKH_134240	PVX_086210	PY00994	PBANKA_103760	PCHAS_103840	1.50938	1.33442	0.22712	2.04535	0.06824	1.36374	0.54811	0.3986371	0.06824	pb	0.4982964	1.363742	pc
PF14_0044	PKH_134220	PVX_086200	PY06764	PBANKA_103740	PCHAS_103820	0.11361	0.10928	5.8714	5.90293	6.14665	5.90596	0.20927	0.1529552	0.11361	pf	0.0695674	0.109279	pk
PF14_0047	PKH_134190	PVX_086185	PY05594	PBANKA_103720	PCHAS_103800	2.2255	4.61582	1.94856	6.22592	4.50926	1.43033	1.33816	1.0723381	4.61582	pk	1.3404226	1.948561	pv
PF14_0050	PKH_134160	PVX_086170	PY07061	PBANKA_103690	PCHAS_103770	3.64138	3.68796	3.04912	2.57295	3.84334	2.34797	0.53377	0.3818439	2.34797	pc	0.2101974	2.572953	py
PF14_0051	PKH_134150	PVX_086165	PY03673	PBANKA_103680	PCHAS_103760	3.28771	3.39825	2.56527	3.59573	2.73399	2.85669	0.35429	0.27734	3.59573	py	0.3160007	2.733988	pb
PF14_0053	PKH_134130	PVX_086155	PY03671	PBANKA_103660	PCHAS_103740	4.09466	4.08343	4.71028	4.34295	4.48709	4.41011	0.18107	0.1438215	4.71028	pv	0.1797769	4.34295	py
PF14_0055	PKH_134110	PVX_086145	PY05281	PBANKA_103640	PCHAS_103720	1.36441	1.28547	1.8805	0.64725	0.44403	1.55784	0.40433	0.3011229	0.44403	pb	0.3280449	1.557845	pc
PF14_0056	PKH_134100	PVX_086140	PY05280	PBANKA_103630	PCHAS_103710	1.51055	1.0675	1.94847	0.2175	0.47056	0.784	0.50908	0.3779974	1.94847	pv	0.3308728	0.2175	py
PF14_0057	PKH_134090	PVX_086130	PY04111	PBANKA_103620	PCHAS_103700	2.60049	3.35865	2.42268	0.17914	3.19573	2.96973	0.7203	0.3062402	0.17914	py	0.326302	3.195728	pb
PF14_0059	PKH_134070	PVX_086120	PY04114	PBANKA_103600	PCHAS_103680	2.15419	2.48555	2.6473	2.43269	0.99795	1.66887	0.45742	0.2619573	0.99795	pb	0.1364921	1.668871	pc
PF14_0060	PKH_134060	PVX_086115	PY03220	PBANKA_103590	PCHAS_103670	3.64024	0.69226	0.23648	0.87134	0.32768	6.05488	0.75434	0.311085	3.64024	pf	0.297711	0.692262	pk
PF14_0063	PKH_134030	PVX_086100	PY06430	PBANKA_103560	PCHAS_103640	4.31867	2.88564	3.35441	1.22142	2.88387	1.96082	0.74877	0.5656765	1.22142	py	0.7066536	2.883873	pb
PF14_0064	PKH_134020	PVX_086095	PY06431	PBANKA_103550	PCHAS_103630	4.14443	5.01873	4.04757	5.61679	3.90056	4.2278	0.46179	0.2596796	5.61679	py	0.2636324	3.900564	pb
PF14_0065	PKH_134010	PVX_086090	PY06432	PBANKA_103540	PCHAS_103620	5.38553	5.65801	5.77179	5.65809	5.52682	5.26858	0.15116	0.1035035	5.26858	pc	0.1009355	5.771788	pv
PF14_0066	PKH_134000	PVX_086085	PY01072	PBANKA_103530	PCHAS_103610	3.54349	5.15435	3.99812	0.30979	2.87806	1.63108	1.28214	0.9286667	0.30979	py	0.9944754	2.87806	pb
PF14_0069	PKH_133970	PVX_086070	PY01070	PBANKA_103500	PCHAS_103580	0.42289	5.97271	5.58301	2.10704	4.52663	0.34017	0.93955	0.643957	2.10704	py	0.4434267	4.526628	pb
PF14_0070	PKH_133960	PVX_086065	PY02472	PBANKA_103490	PCHAS_103570	0.92819	2.54719	2.72509	2.55672	1.5459	1.12265	0.70538	0.5226513	0.92819	pf	0.6533141	2.547189	pk
PF14_0071	PKH_133950	PVX_086060	PY02471	PBANKA_103480	PCHAS_103560	2.61883	2.65834	5.6651	3.77977	4.33563	4.65185	0.93261	0.7420631	5.6651	pv	0.9275789	3.779766	py
PF14_0076	PKH_133920	PVX_086040	PY06899	PBANKA_103440	PCHAS_103520	1.23193	1.00335	5.00051	3.08609	2.66648	2.0319	1.08098	0.7034595	5.00051	pv	0.6157786	3.086087	py
PF14_0077	PKH_133920	PVX_086040	PY06899	PBANKA_103440	PCHAS_103520	2.82572	1.00335	5.00051	3.08609	2.66648	2.0319	0.86843	0.575311	5.00051	pv	0.6142377	3.086087	py
PF14_0079	PKH_133910	PVX_086035	PY06900	PBANKA_103430	PCHAS_103510	1.66412	1.53312	0.01157	2.11181	0.42178	1.73397	0.59057	0.3781763	0.01157	pv	0.3607982	2.111808	py

PF14_0081	PKH_133900	PVX_086025	PY06657	PBANKA_103410	PCHAS_103490	3.35328	3.81767	5.27328	5.05524	2.69046	4.70247	0.8616	0.6315137	2.69046	pb	0.7893921	4.702468	pc
PF14_0083	PKH_133880	PVX_086020	PY01682	PBANKA_103390	PCHAS_103470	2.57022	0.71843	2.47368	2.56907	2.27691	2.40252	0.36919	0.0919737	0.71843	pk	0.1149671	2.473678	pv
PF14_0086	PKH_133860	PVX_086005	PY01376	PBANKA_103360	PCHAS_103440	1.86017	0.51359	1.17396	2.57594	5.04894	1.35802	0.89014	0.5497129	5.04894	pb	0.6871412	1.358023	pc
PF14_0087	PKH_133855	PVX_086000	PY01377	PBANKA_103350	PCHAS_103430	1.8736	1.2628	1.54248	2.49018	2.05921	1.66287	0.32581	0.2255049	2.49018	py	0.1827953	2.059209	pb
PF14_0090	PKH_133840	PVX_085985	PY06672	PBANKA_103320	PCHAS_103400	5.05407	5.65168	4.73222	3.65769	2.01441	3.88258	0.98055	0.6330971	2.01441	pb	0.5789621	3.882579	pc
PF14_0097	PKH_133780	PVX_085955	PY01816	PBANKA_103260	PCHAS_103340	3.32921	1.38204	6.08741	1.98028	0.64057	0.40199	0.97413	0.6312225	3.32921	pf	0.6036602	1.382042	pk
PF14_0098	PKH_133770	PVX_085950	PY01817	PBANKA_103250	PCHAS_103330	1.71669	3.52107	2.45478	3.20835	2.22969	2.4401	0.46629	0.34335	3.52107	pk	0.425518	2.454778	pv
PF14_0100	PKH_133750	PVX_085940	PY00624	PBANKA_103230	PCHAS_103310	2.02628	1.5292	1.80304	2.75104	1.18109	1.5909	0.37986	0.2238067	2.75104	py	0.177306	1.181091	pb
PF14_0101	PKH_133740	PVX_085935	PY00623	PBANKA_103220	PCHAS_103300	3.05517	3.18228	3.84665	2.45978	2.1327	2.18667	0.55083	0.3836169	3.84665	pv	0.4795212	2.459778	py
PF14_0102	PKH_133730	PVX_085930	PY00622	PBANKA_103210	PCHAS_103290	5.60107	5.95453	5.6583	4.96949	5.49265	5.28928	0.24375	0.1661812	4.96949	py	0.1806214	5.492651	pb
PF14_0103	PKH_133720	PVX_085925	PY00621	PBANKA_103200	PCHAS_103280	3.49665	3.50163	4.41078	0.21858	3.62218	3.0178	0.75311	0.3037028	0.21858	py	0.3494914	3.622183	pb
PF14_0104	PKH_133710	PVX_085920	PY04028	PBANKA_103190	PCHAS_103270	2.37869	3.00314	2.55639	2.25853	2.25274	1.77832	0.27477	0.1808052	3.00314	pk	0.1515393	2.556394	pv
PF14_0105	PKH_133700	PVX_085915	PY04029	PBANKA_103180	PCHAS_103260	4.70376	4.08495	4.22475	3.20281	3.3883	6.05929	0.71862	0.4674802	6.05929	pc	0.3638148	3.202811	py
PF14_0107	PKH_133680	PVX_085905	PY04031	PBANKA_103160	PCHAS_103240	6.17636	1.02508	4.1896	2.43564	0.84746	1.6746	1.08138	0.6739209	4.1896	pv	0.4897602	2.435639	py
PF14_0110	PKH_133640	PVX_085890	PY00165	PBANKA_103130	PCHAS_103210	0.24917	6.12502	6.26116	4.8799	6.01788	0.17143	0.37089	0.168816	4.8799	py	0.1501984	6.017876	pb
PF14_0111	PKH_133630	PVX_085885	PY00164	PBANKA_103120	PCHAS_103200	5.76614	0.45084	3.37108	2.16118	2.19961	2.13212	0.94433	0.5975475	5.76614	pf	0.3193487	0.450836	pk
PF14_0112	PKH_133620	PVX_085880	PY00163	PBANKA_103110	PCHAS_103190	3.79393	2.75574	3.30129	2.56552	1.7287	3.19711	0.5404	0.3547933	1.7287	pb	0.4434917	3.197108	pc
PF14_0114	PKH_133600	PVX_085875	PY00161	PBANKA_103090	PCHAS_103170	3.58345	4.1083	3.81258	2.55157	3.40045	2.38789	0.5274	0.3937726	2.38789	pc	0.2342455	2.55157	py
PF14_0115	PKH_133590	PVX_085870	PY00160	PBANKA_103080	PCHAS_103160	2.62494	3.6381	1.93397	1.62248	1.41824	0.06581	0.84841	0.644464	0.06581	pc	0.3795478	3.638101	pk
PF14_0120	PKH_133550	PVX_085850	PY00426	PBANKA_103050	PCHAS_103130	4.35016	4.93223	4.01643	5.58166	4.05782	3.07334	0.61941	0.4879298	3.07334	pc	0.3020386	5.581658	py
PF14_0124	PKH_133510	PVX_085830	PY01545	PBANKA_103010	PCHAS_103090	1.8292	2.6163	1.46121	1.52826	1.01557	6.19933	0.5968	0.3937436	6.19933	pc	0.2201679	2.616303	pk
PF14_0125	PKH_133500	PVX_085825	PY01546	PBANKA_103000	PCHAS_103080	1.84639	1.87671	2.2934	2.30152	2.22	1.59171	0.25002	0.174363	1.59171	pc	0.1975745	2.301518	py

PF14_0126	PKH_133490	PVX_085820	PY01547	PBANKA_102 990	PCHAS_10307 0	2.60807	2.28103	2.47948	2.6198	2.32813	2.44462	0.10893	0.0910244	2.28103	pk	0.1137806	2.479479	pv
PF14_0127	PKH_133480	PVX_085815	PY01548	PBANKA_102 980	PCHAS_10306 0	1.02585	3.03905	2.31568	3.86907	3.0849	2.57813	0.67889	0.4120313	1.02585	pf	0.5150391	3.039054	pk
PF14_0135	PKH_133390	PVX_085765	PY01402	PBANKA_102 900	PCHAS_10298 0	5.96702	0.01767	0.2489	1.50882	6.10669	5.66277	0.48141	0.2406285	1.50882	py	0.3007856	6.106693	pb
PF14_0136	PKH_133380	PVX_085760	PY01400	PBANKA_102 890	PCHAS_10297 0	1.25262	0.96139	1.50751	2.56997	3.10084	3.33999	0.88155	0.6913615	3.33999	pc	0.7276717	0.961389	pk
PF14_0137	PKH_133370	PVX_085755	PY05607	PBANKA_102 880	PCHAS_10296 0	1.80029	4.5478	3.56106	1.55069	2.9302	4.57566	1.06722	0.8785953	1.55069	py	0.9405287	2.930195	pb
PF14_0138	PKH_133360	PVX_085750	PY05608	PBANKA_102 870	PCHAS_10295 0	4.61618	4.67894	3.43066	4.48488	4.86837	4.72528	0.29015	0.0985193	3.43066	pv	0.0746346	4.484883	py
PF14_0141	PKH_133290	PVX_085735	PY07431	PBANKA_102 840	PCHAS_10292 0	2.34708	2.00117	2.97656	1.99528	3.08913	2.95969	0.44698	0.3434883	1.99528	py	0.3969989	3.089132	pb
PF14_0142	PKH_133280	PVX_085730	PY07156	PBANKA_102 830	PCHAS_10291 0	4.6666	3.95054	2.48613	5.25206	2.02268	4.82675	1.04768	0.7284271	2.02268	pb	0.8704971	4.826745	pc
PF14_0145	PKH_133250	PVX_085715	PY05772	PBANKA_102 800	PCHAS_10288 0	1.58348	0.64741	2.33833	0.26925	0.71181	1.17055	0.57731	0.3674747	2.33833	pv	0.3487027	0.269251	py
PF14_0146	PKH_133240	PVX_085710	PY06406	PBANKA_102 790	PCHAS_10287 0	2.29659	2.85742	2.40755	3.24227	3.10787	3.49743	0.381	0.2949455	2.29659	pf	0.3060706	2.857421	pk
PF14_0149	PKH_133210	PVX_085695	PY04456	PBANKA_102 760	PCHAS_10284 0	5.636	5.85843	6.14958	4.81336	5.2452	3.32132	0.71069	0.3898897	3.32132	pc	0.3589676	6.149579	pv
PF14_0150	PKH_133200	PVX_085690	PY04455	PBANKA_102 750	PCHAS_10283 0	1.3112	1.90008	1.81851	1.02494	1.33158	1.64194	0.28213	0.2151632	1.02494	py	0.1913635	1.331575	pb
PF14_0152	PKH_133180	PVX_085680	PY00348	PBANKA_102 730	PCHAS_10281 0	3.20599	4.26978	4.12608	5.45073	4.92095	2.59946	0.78499	0.6079215	2.59946	pc	0.4646646	5.450726	py
PF14_0154	PKH_133160	PVX_085670	PY00386	PBANKA_102 710	PCHAS_10279 0	3.19469	0.3218	1.12308	4.10629	4.88686	5.23831	1.17695	0.908463	1.12308	pv	0.9404356	4.106286	py
PF14_0156	PKH_133140	PVX_085660	PY06971	PBANKA_102 690	PCHAS_10277 0	1.83166	0.78043	2.23632	1.59945	1.00363	1.06129	0.47035	0.3294095	2.23632	pv	0.2772222	1.599449	py
PF14_0157	PKH_133130	PVX_085655	PY06970	PBANKA_102 680	PCHAS_10276 0	1.59979	3.10441	2.52541	2.80876	5.1667	4.92242	1.04326	0.7803231	5.1667	pb	0.4469907	4.922417	pc
PF14_0160	PKH_133100	PVX_085640	PY04718	PBANKA_102 650	PCHAS_10273 0	5.29021	4.65246	4.8578	5.50146	1.46605	5.38436	0.6391	0.2751132	1.46605	pb	0.3203543	5.384361	pc
PF14_0161	PKH_133090	PVX_085635	PY06610	PBANKA_102 640	PCHAS_10272 0	3.57237	2.6511	0.31592	4.88251	0.98001	4.76769	1.29228	1.0516288	0.98001	pb	1.314536	4.767689	pc
PF14_0162	PKH_133080	PVX_085630	PY06609	PBANKA_102 630	PCHAS_10271 0	1.09912	3.36588	0.21317	0.49666	6.20978	1.87117	0.94996	0.5661059	3.36588	pk	0.6367585	0.213169	pv
PF14_0171	PKH_133050	PVX_085585	PY03056	PBANKA_102 540	PCHAS_10262 0	5.4733	5.67071	6.10859	4.75693	5.47337	5.39764	0.2708	0.1816722	4.75693	py	0.2270902	5.473374	pb
PF14_0174	PKH_133030	PVX_085575	PY05447	PBANKA_102 520	PCHAS_10260 0	1.83464	1.74415	1.58163	2.0162	1.22907	1.25715	0.25453	0.2185164	2.0162	py	0.1850039	1.229065	pb
PF14_0184	PKH_133000	PVX_085530	PY02577	PBANKA_102 420	PCHAS_10250 0	4.37821	5.2071	4.75453	2.49037	5.03226	4.59713	0.58803	0.2528031	2.49037	py	0.2465712	5.032258	pb

PF14_0186	PKH_132980	PVX_085520	PY03574	PBANKA_102 400	PCHAS_10248 0	3.43726	2.19206	2.33438	2.77525	3.5392	4.07104	0.6243	0.4900034	4.07104	pc	0.466708	2.19206	pk
PF14_0188	PKH_132960	PVX_085510	PY05087	PBANKA_102 380	PCHAS_10246 0	1.76216	1.71743	1.75557	1.38142	0.73917	1.64459	0.245	0.0983442	0.73917	pb	0.1047197	1.644585	pc
PF14_0193	PKH_132910	PVX_085485	PY01203	PBANKA_102 330	PCHAS_10241 0	1.29616	1.44236	3.01031	0.08078	2.98388	1.86967	0.84076	0.6511338	0.08078	py	0.5353653	2.983876	pb
PF14_0194	PKH_132900	PVX_085480	PY01202	PBANKA_102 320	PCHAS_10240 0	1.8367	4.27184	2.3595	3.43943	2.45275	4.81683	0.97986	0.7030142	4.81683	pc	0.7247542	1.836698	pf
PF14_0195	PKH_132890	PVX_085475	PY01201	PBANKA_102 310	PCHAS_10239 0	0.90732	0.44251	0.25263	5.08227	3.16287	5.24873	1.08257	0.717041	3.16287	pb	0.574529	5.24873	pc
PF14_0196	PKH_132880	PVX_085470	PY01200	PBANKA_102 300	PCHAS_10238 0	5.67465	6.2135	4.59971	3.31067	4.24469	0.93683	1.15885	0.8665581	0.93683	pc	0.7609377	3.31067	py
PF14_0197	PKH_132870	PVX_085465	PY01199	PBANKA_102 290	PCHAS_10237 0	0.75171	0.49414	5.63308	2.48847	3.88184	0.29056	1.08254	0.7199461	3.88184	pb	0.8490354	0.290555	pc
PF14_0198	PKH_132860	PVX_085460	PY01198	PBANKA_102 280	PCHAS_10236 0	2.28982	1.62251	2.68433	2.13607	2.38453	1.21759	0.39709	0.2620563	1.21759	pc	0.2289444	2.684326	pv
PF14_0199	PKH_132850	PVX_085455	PY01197	PBANKA_102 270	PCHAS_10235 0	5.47721	0.9361	2.53718	5.18812	2.65125	0.67935	1.22437	1.1208285	5.47721	pf	1.1557087	0.9361	pk
PF14_0200	PKH_132840	PVX_085450	PY06793	PBANKA_102 260	PCHAS_10234 0	3.18692	2.51101	4.14675	5.73402	6.18297	2.25768	1.35136	1.0352406	5.73402	py	0.6412448	6.182967	pb
PF14_0209	PKH_132740	PVX_085395	PY07260	PBANKA_102 170	PCHAS_10225 0	2.34134	0.75608	2.2762	3.01279	2.81632	1.89539	0.54046	0.3315028	0.75608	pk	0.3980922	2.276197	pv
PF14_0212	PKH_132700	PVX_085375	PY04493	PBANKA_102 130	PCHAS_10221 0	4.95927	0.33262	2.70093	1.99413	3.59414	2.33581	1.09863	0.7936638	4.95927	pf	0.4912824	0.332624	pk
PF14_0213	PKH_132690	PVX_085370	PY00028	PBANKA_102 120	PCHAS_10220 0	5.6444	5.9133	5.9448	5.21597	6.04283	5.58379	0.24279	0.1518862	5.21597	py	0.1574764	6.042826	pb
PF14_0213a	PKH_132680	PVX_085365	PY00027	PBANKA_102 110	PCHAS_10219 0	1.99433	2.18271	2.05057	5.55561	6.0662	1.08122	1.01516	0.6738083	5.55561	py	0.2894326	6.066202	pb
PF14_0214	PKH_132670	PVX_085360	PY00026	PBANKA_102 100	PCHAS_10218 0	1.6046	2.3161	1.99167	1.72851	1.60069	1.36407	0.24449	0.1510836	2.3161	pk	0.0920875	1.99167	pv
PF14_0215	PKH_132660	PVX_085355	PY00025	PBANKA_102 090	PCHAS_10217 0	4.92323	5.5291	5.28132	3.96814	3.11527	4.2367	0.73559	0.5211167	3.11527	pb	0.4797641	4.236698	pc
PF14_0216	PKH_132650	PVX_085350	PY00024	PBANKA_102 080	PCHAS_10216 0	4.55426	5.24208	5.15828	6.04997	0.90658	5.19957	0.59495	0.3159024	0.90658	pb	0.394878	5.19957	pc
PF14_0217	PKH_132640	PVX_085345	PY00022	PBANKA_102 070	PCHAS_10215 0	2.19507	2.48746	2.52738	1.4063	2.57292	1.94609	0.34005	0.1918269	1.4063	py	0.2184175	2.57292	pb
PF14_0218	PKH_132630	PVX_085340	PY00021	PBANKA_102 060	PCHAS_10214 0	2.40095	3.70911	3.01672	4.15624	3.1791	2.51078	0.51933	0.3952942	4.15624	py	0.4535221	3.179103	pb
PF14_0220	PKH_132620	PVX_085335	PY00020	PBANKA_102 050	PCHAS_10213 0	0.47302	1.64971	0.31388	3.4143	0.59323	4.41593	1.12293	0.7592636	3.4143	py	0.9190261	0.59323	pb
PF14_0221	PKH_132610	PVX_085330	PY00019	PBANKA_102 040	PCHAS_10212 0	1.61453	1.52187	2.44398	0.00126	0.82339	0.88315	0.64543	0.462351	2.44398	pv	0.3574652	0.001257	py
PF14_0223	PKH_132590	PVX_085320	PY00017	PBANKA_102 020	PCHAS_10210 0	2.34335	2.71459	3.07712	1.5627	3.48905	1.8586	0.58602	0.4740816	3.48905	pb	0.4714153	1.858598	pc

PF14_0227	PKH_132550	PVX_085300	PY07390	PBANKA_101 980	PCHAS_10206 0	3.0997	1.58034	0.8257	5.77413	5.51304	5.07747	1.17606	0.8763808	3.0997	pf	0.5731278	1.58034	pk
PF14_0230	PKH_132520	PVX_085275	PY06459	PBANKA_101 950	PCHAS_10203 0	2.33903	2.48999	2.63443	2.81782	2.30715	2.77493	0.18183	0.1526363	2.81782	py	0.1450853	2.30715	pb
PF14_0231	PKH_132510	PVX_085270	PY06460	PBANKA_101 940	PCHAS_10202 0	2.42245	1.3872	2.55129	2.3058	2.94519	1.73287	0.41551	0.2915619	1.3872	pk	0.3322436	2.55129	pv
PF14_0232	PKH_132500	PVX_085265	PY06826	PBANKA_101 930	PCHAS_10201 0	3.32703	2.7363	4.02519	5.62279	2.81743	5.12029	0.98125	0.7183509	5.62279	py	0.7705371	2.817426	pb
PF14_0233	PKH_132490	PVX_085260	PY06825	PBANKA_101 920	PCHAS_10200 0	5.35641	3.44171	3.72599	5.34332	4.44646	1.12507	1.0823	0.706405	1.12507	pc	0.6318174	3.441706	pk
PF14_0234	PKH_132480	PVX_085255	PY06824	PBANKA_101 910	PCHAS_10199 0	5.85476	0.42198	5.04399	2.94555	4.80249	5.12442	0.81538	0.5426886	2.94555	py	0.5978798	4.802491	pb
PF14_0239	PKH_132440	PVX_085230	PY06635	PBANKA_101 870	PCHAS_10195 0	1.64466	1.5441	2.58151	1.0052	2.74252	5.89645	0.80102	0.5549456	5.89645	pc	0.4192182	2.742515	pb
PF14_0240	PKH_132430	PVX_085225	PY05142	PBANKA_101 860	PCHAS_10194 0	2.26286	2.14525	2.82673	2.6189	2.07351	1.77679	0.28549	0.2062932	2.82673	pv	0.1394532	2.618903	py
PF14_0241	PKH_132420	PVX_085220	PY05141	PBANKA_101 850	PCHAS_10193 0	2.25436	2.52426	2.43669	2.4686	3.06277	1.96422	0.23339	0.1548566	3.06277	pb	0.0754535	1.964218	pc
PF14_0242	PKH_132410	PVX_085215	PY05140	PBANKA_101 840	PCHAS_10192 0	2.54722	0.55194	2.47042	1.06004	3.17519	1.9497	0.77186	0.5425316	0.55194	pk	0.6781644	2.470417	pv
PF14_0246	PKH_132370	PVX_085200	PY00206	PBANKA_101 790	PCHAS_10187 0	5.60181	5.01868	3.71657	0.33293	0.98829	2.20758	1.34022	1.0283516	3.71657	pv	1.2854394	0.332925	py
PF14_0247	PKH_132360	PVX_085195	PY01065	PBANKA_101 780	PCHAS_10186 0	1.4892	0.2038	2.82848	6.22348	2.3031	2.36053	0.97647	0.6992017	6.22348	py	0.8740021	2.303101	pb
PF14_0248	PKH_132350	PVX_085190	PY01064	PBANKA_101 770	PCHAS_10185 0	4.75403	6.13561	3.7492	4.80954	4.28968	4.65609	0.5007	0.3049378	6.13561	pk	0.1544508	3.749203	pv
PF14_0251	PKH_132320	PVX_085175	PY07136	PBANKA_101 740	PCHAS_10182 0	5.85991	4.61283	3.66695	4.74775	5.46663	4.96823	0.54454	0.3931895	3.66695	pv	0.4363679	4.747752	py
PF14_0253-a	PKH_132300	PVX_085165	PY02120	PBANKA_101 720	PCHAS_10180 0	3.72141	5.73187	2.91171	5.88712	4.11747	4.83775	0.95102	0.7560207	2.91171	pv	0.6826829	5.887118	py
PF14_0256	PKH_132270	PVX_085150	PY07159	PBANKA_101 680	PCHAS_10176 0	2.0762	3.24046	2.23417	2.58512	2.92729	3.80785	0.51335	0.3714774	3.80785	pc	0.3371166	2.076198	pf
PF14_0257	PKH_132260	PVX_085145	PY06840	PBANKA_101 670	PCHAS_10175 0	3.72266	3.47039	3.44482	3.07321	4.05291	3.54438	0.22192	0.1498006	4.05291	pb	0.1687547	3.544377	pc
PF14_0264	PKH_113740	PVX_085120	PY04471	PBANKA_101 620	PCHAS_10170 0	0.65446	4.42355	5.2314	6.11794	3.98436	2.64421	1.20581	0.9295357	2.64421	pc	0.735358	0.654464	pf
PF14_0266	PKH_132160	PVX_085110	PY04472	PBANKA_101 600	PCHAS_10168 0	2.89149	2.71338	2.75162	6.20099	0.03611	0.07903	1.38726	1.1022163	2.89149	pf	0.7191824	2.713384	pk
PF14_0267	PKH_132150	PVX_085105	PY00685	PBANKA_101 590	PCHAS_10167 0	2.53309	4.03054	3.58382	3.83928	4.21994	4.6239	0.48637	0.2841476	2.53309	pf	0.3551845	4.030541	pk
PF14_0268	PKH_132140	PVX_085100	PY00686	PBANKA_101 580	PCHAS_10166 0	4.07142	4.0606	3.54137	5.52783	4.30645	4.73558	0.48274	0.2880122	5.52783	py	0.3012578	4.306453	pb
PF14_0269	PKH_132130	PVX_085095	PY00687	PBANKA_101 570	PCHAS_10165 0	2.0296	3.52354	4.80775	2.43951	2.19867	1.37996	0.86043	0.5106984	4.80775	pv	0.5781634	2.439508	py

PF14_0271	PKH_132110	PVX_085085	PY00689	PBANKA_101 550	PCHAS_10163 0	0.9939	0.11058	5.90515	6.0409	4.68957	3.23975	0.97955	0.615227	3.23975	pc	0.4599855	0.993903	pf
PF14_0273	PKH_132090	PVX_085070	PY00691	PBANKA_101 530	PCHAS_10161 0	2.08285	2.23192	3.21564	1.45044	4.30782	2.63711	0.73256	0.4638906	4.30782	pb	0.4785662	2.637107	pc
PF14_0274	PKH_132080	PVX_085065	PY06443	PBANKA_101 520	PCHAS_10160 0	1.53516	0.62102	2.54415	2.23781	4.05111	0.68633	0.99843	0.6949216	4.05111	pb	0.6564448	0.686329	pc
PF14_0277	PKH_132050	PVX_085050	PY01272	PBANKA_101 490	PCHAS_10157 0	6.27081	5.90792	3.43154	3.23781	2.75425	2.91344	1.11746	0.7343553	6.27081	pf	0.250416	5.907923	pk
PF14_0280	PKH_132020	PVX_085035	PY01269	PBANKA_101 460	PCHAS_10154 0	3.71212	5.93214	2.37223	5.88198	4.0839	2.45821	1.22591	1.0270888	5.93214	pk	0.9488882	2.372226	pv
PF14_0281	PKH_132010	PVX_085030	PY01268	PBANKA_101 450	PCHAS_10153 0	5.77303	5.91468	5.72785	6.1652	5.54937	5.44567	0.18834	0.138534	6.1652	py	0.1285495	5.549374	pb
PF14_0282	PKH_132000	PVX_085025	PY01267	PBANKA_101 440	PCHAS_10152 0	2.29868	0.18738	2.48738	0.91954	3.10854	2.09227	0.78257	0.5168229	0.18738	pk	0.5988525	2.48738	pv
PF14_0290	PKH_131920	PVX_084985	PY01259	PBANKA_101 360	PCHAS_10144 0	0.59997	2.79257	0.075	4.4673	4.99783	2.7041	1.3792	1.1718688	0.59997	pf	1.0461532	2.792567	pk
PF14_0292	PKH_131900	PVX_084975	PY06180	PBANKA_101 350	PCHAS_10143 0	1.46143	1.94361	5.43912	1.43252	1.295	1.4144	0.49537	0.1391256	5.43912	pv	0.173907	1.432524	py
PF14_0293	PKH_131890	PVX_084970	PY06181	PBANKA_101 340	PCHAS_10142 0	5.81958	5.77406	5.58199	6.21177	5.92945	5.54032	0.1774	0.1253428	6.21177	py	0.1178324	5.929446	pb
PF14_0294	PKH_131880	PVX_084965	PY02176	PBANKA_101 330	PCHAS_10141 0	4.17252	4.71179	3.24766	3.23275	5.36112	3.9875	0.62959	0.480779	5.36112	pb	0.6009737	3.987498	pc
PF14_0295	PKH_131870	PVX_084960	PY02175	PBANKA_101 320	PCHAS_10140 0	4.50891	5.82583	5.07775	3.96427	3.65142	4.50351	0.54888	0.3941935	5.82583	pk	0.3491834	5.077749	pv
PF14_0296	PKH_131860	PVX_084955	PY02173	PBANKA_101 310	PCHAS_10139 0	2.28244	2.18936	2.60473	2.30804	2.74325	1.81215	0.22868	0.1752353	1.81215	pc	0.110242	2.743246	pb
PF14_0300	PKH_131840	PVX_084945	PY04059	PBANKA_101 290	PCHAS_10137 0	3.59453	3.60933	3.35808	2.76123	3.33537	2.69969	0.29428	0.2214539	2.69969	pc	0.1276047	2.761227	py
PF14_0304	PKH_041750	PVX_084930	PY04054	PBANKA_101 260	PCHAS_10134 0	5.82324	0.13449	3.43932	4.34815	3.31494	2.74491	1.18165	0.8223057	0.13449	pk	1.0278821	3.439318	pv
PF14_0307	PKH_131680	PVX_084920	PY04902	PBANKA_101 240	PCHAS_10132 0	1.5913	6.1826	1.55721	2.15317	0.15842	2.12456	0.709	0.5124203	6.1826	pk	0.6320017	1.557206	pv
PF14_0311	PKH_131640	PVX_084900	PY05014	PBANKA_101 200	PCHAS_10128 0	5.3803	0.08489	5.82101	5.53529	5.48215	5.55805	0.2249	0.1033213	0.08489	pk	0.0577234	5.821008	pv
PF14_0312	PKH_131620	PVX_084885	PY05262	PBANKA_101 180	PCHAS_10126 0	3.13288	1.17471	2.90877	5.6443	5.2556	3.14936	1.13882	0.8642955	5.6443	py	0.5496874	5.255604	pb
PF14_0314	PKH_131600	PVX_084870	PY05679	PBANKA_101 160	PCHAS_10124 0	5.12621	4.8378	4.51155	2.72403	1.01168	4.88377	0.87191	0.5548811	1.01168	pb	0.6821087	4.883773	pc
PF14_0315	PKH_131590	PVX_084865	PY05680	PBANKA_101 150	PCHAS_10123 0	3.9529	0.17448	4.47576	4.32033	4.79649	5.05135	0.59275	0.3149215	0.17448	pk	0.3936518	4.475761	pv
PF14_0321	PKH_131530	PVX_084835	PY06911	PBANKA_101 080	PCHAS_10117 0	2.03975	0.15059	2.03985	2.64384	2.74385	2.25974	0.56954	0.2616199	0.15059	pk	0.2720524	2.039852	pv
PF14_0322	PKH_131520	PVX_084830	PY06909	PBANKA_101 070	PCHAS_10116 0	1.97672	0.90595	2.93802	1.65368	2.6365	1.1083	0.64722	0.519795	2.93802	pv	0.6497437	1.653679	py

PF14_0323	PKH_131510	PVX_084825	PY06908	PBANKA_101060	PCHAS_101150	4.37559	4.80163	4.98763	4.4414	3.85495	4.41274	0.26456	0.2001868	3.85495	pb	0.2430669	4.412735	pc
PF14_0324	PKH_131500	PVX_084820	PY03138	PBANKA_101050	PCHAS_101140	2.51422	2.76822	2.30872	2.34723	2.11511	2.65809	0.19491	0.1540726	2.11511	pb	0.1566229	2.658091	pc
PF14_0325	PKH_131490	PVX_084815	PY03139	PBANKA_101040	PCHAS_101130	5.94405	1.28933	5.40402	5.44626	5.62604	5.62567	0.44444	0.1439635	1.28933	pk	0.1245412	5.404019	pv
PF14_0327	PKH_131470	PVX_084805	PY02559	PBANKA_101020	PCHAS_101110	1.52527	1.68993	2.42924	3.62142	0.62621	1.90338	0.68544	0.4362272	3.62142	py	0.2793532	0.626208	pb
PF14_0328	PKH_131460	PVX_084800	PY02558	PBANKA_101010	PCHAS_101100	2.7224	2.51638	1.96793	2.31899	1.94609	3.57369	0.42991	0.2649529	3.57369	pc	0.2379654	1.946085	pb
PF14_0329	PKH_131450	PVX_084795	PY02557	PBANKA_101000	PCHAS_101090	3.14389	2.80822	2.42994	1.92878	2.81577	2.58058	0.30476	0.1898286	1.92878	py	0.2353988	2.815768	pb
PF14_0331	PKH_131430	PVX_084785	PY02555	PBANKA_100980	PCHAS_101070	4.2082	2.46368	2.6998	4.98686	2.99587	2.53886	0.7481	0.4403056	4.98686	py	0.476366	2.995868	pb
PF14_0332	PKH_131420	PVX_084780	PY02554	PBANKA_100970	PCHAS_101060	3.83544	3.77233	5.44823	4.86773	3.48234	4.3003	0.58769	0.3826729	5.44823	pv	0.2202667	4.867734	py
PF14_0334	PKH_131400	PVX_084770	PY03719	PBANKA_100950	PCHAS_101040	5.68711	5.626	0.83162	4.2504	0.33226	0.18363	0.77226	0.4834265	4.2504	py	0.5671264	0.332256	pb
PF14_0337	PKH_131370	PVX_084755	PY05582	PBANKA_100920	PCHAS_101010	5.80829	6.05377	6.09138	0.28389	5.72524	6.21955	0.21512	0.1554792	0.28389	py	0.1122172	5.725241	pb
PF14_0339	PKH_131350	PVX_084745	PY00616	PBANKA_100900	PCHAS_100990	3.21986	2.87391	2.66989	3.89332	3.01931	2.10149	0.41453	0.2935576	3.89332	py	0.3305969	3.019306	pb
PF14_0340	PKH_131340	PVX_084740	PY00617	PBANKA_100890	PCHAS_100980	3.28821	2.9322	4.03866	3.59729	3.42321	2.17354	0.4442	0.2831065	2.17354	pc	0.2000212	4.038659	pv
PF14_0341	PKH_131330	PVX_084735	PY00618	PBANKA_100880	PCHAS_100970	2.4784	2.05269	1.07023	2.35302	2.14811	2.986	0.4244	0.252721	1.07023	pv	0.3159012	2.353024	py
PF14_0342	PKH_131320	PVX_084730	PY00619	PBANKA_100870	PCHAS_100960	2.581	4.63527	5.50389	2.85573	5.01844	4.49371	0.87119	0.6345785	2.581	pf	0.7932232	4.635267	pk
PF14_0344	PKH_131290	PVX_084720	PY02301	PBANKA_100850	PCHAS_100940	0.62979	0.8825	0.7043	2.2392	0.8056	0.20133	0.39865	0.1713951	2.2392	py	0.1889194	0.805602	pb
PF14_0345a	PKH_131280	PVX_084715	PY02302	PBANKA_100840	PCHAS_100930	2.24477	1.91216	3.10706	6.03817	2.47859	5.53636	1.15168	0.7837008	5.53636	pc	0.3571778	6.038166	py
PF14_0345b	PKH_131270	PVX_084710	PY02303	PBANKA_100830	PCHAS_100920	3.64102	0.55433	3.8501	4.70313	3.21433	2.68461	0.95683	0.530857	0.55433	pk	0.6113025	3.850099	pv
PF14_0346	PKH_131265	PVX_084705	PY02304	PBANKA_100820	PCHAS_100910	5.6783	5.49518	5.23096	1.96562	3.24792	3.80928	1.18902	0.8232568	1.96562	py	0.5333104	3.247921	pb
PF14_0356	PKH_131170	PVX_084665	PY07497	PBANKA_061120	PCHAS_061290	3.26026	2.98802	2.76221	6.25901	3.00359	2.919	0.59914	0.1165278	6.25901	py	0.1417679	3.003588	pb
PF14_0359	PKH_131140	PVX_084650	PY02476	PBANKA_061090	PCHAS_061260	2.42481	2.78149	2.22263	2.5878	2.31087	2.22515	0.17258	0.1129674	2.78149	pk	0.1191493	2.222627	pv
PF14_0361	PKH_126810	PVX_118580	PY02255	PBANKA_130220	PCHAS_130540	4.61278	1.25856	3.78992	5.71215	3.35728	4.17531	1.01575	0.6355458	1.25856	pk	0.6980843	3.789921	pv
PF14_0363	PKH_126800	PVX_118575	PY00663	PBANKA_130230	PCHAS_130550	5.30518	5.73084	5.06048	0.61668	5.36125	1.24964	0.73944	0.4530098	1.24964	pc	0.1816091	0.61668	py

PF14_0365	PKH_126780	PVX_118565	PY00666	PBANKA_130250	PCHAS_130570	1.42082	3.20833	3.92947	0.13508	1.20584	2.50603	1.14701	0.9022263	0.13508	py	0.8027367	1.205845	pb
PF14_0366	PKH_126770	PVX_118560	PY00667	PBANKA_130260	PCHAS_130580	4.0036	3.51833	4.64643	5.20973	4.19245	4.48642	0.43803	0.3221829	5.20973	py	0.4027286	4.192448	pb
PF14_0368	PKH_126740	PVX_118545	PY00414	PBANKA_130280	PCHAS_130600	2.69391	2.21593	2.7784	2.99689	3.73664	4.14857	0.53231	0.3647376	4.14857	pc	0.3153051	2.215932	pk
PF14_0369	PKH_126730	PVX_118540	PY00413	PBANKA_130290	PCHAS_130610	4.85272	1.26807	3.34951	5.35137	4.4381	4.25728	0.95174	0.5194604	1.26807	pk	0.3771792	3.349514	pv
PF14_0372	PKH_126700	PVX_118525	PY00410	PBANKA_130320	PCHAS_130640	6.02514	5.35465	4.86098	2.86639	5.9657	1.60981	1.13363	0.7404994	2.86639	py	0.9256243	5.965701	pb
PF14_0373	PKH_126690	PVX_118520	PY05634	PBANKA_130330	PCHAS_130650	4.95837	5.17207	4.6998	3.85675	4.50697	4.28865	0.36298	0.2669654	3.85675	py	0.2854984	4.506967	pb
PF14_0374	PKH_126680	PVX_118515	PY00826	PBANKA_130340	PCHAS_130660	6.05875	6.07805	4.76365	3.34312	4.09506	5.14842	0.84723	0.655619	3.34312	py	0.5561835	4.095061	pb
PF14_0376	PKH_126660	PVX_118505	PY00828	PBANKA_130360	PCHAS_130680	4.19944	3.99435	2.37921	3.5901	3.46752	2.67725	0.54332	0.4098047	2.37921	pv	0.5122558	3.590104	py
PF14_0377	PKH_126650	PVX_118500	PY06882	PBANKA_130370	PCHAS_130690	3.46123	1.83829	3.01208	3.23596	2.85508	4.2736	0.54422	0.3735343	1.83829	pk	0.4109466	3.012076	pv
PF14_0379	PKH_126630	PVX_118490	PY04304	PBANKA_130390	PCHAS_130710	4.52774	5.24614	4.82016	3.50484	5.33749	5.01732	0.45804	0.2471465	3.50484	py	0.2288919	5.337489	pb
PF14_0383	PKH_126590	PVX_118470	PY04301	PBANKA_130430	PCHAS_130750	5.28601	5.12291	5.0765	5.76015	5.26668	5.79547	0.22926	0.1693518	5.79547	pc	0.0883206	5.760154	py
PF14_0386	PKH_126560	PVX_118455	PY02583	PBANKA_130460	PCHAS_130780	3.25132	2.52839	2.94158	2.43945	3.10021	2.01885	0.3844	0.2767388	2.01885	pc	0.2684882	3.251317	pf
PF14_0387	PKH_126550	PVX_118450	PY02584	PBANKA_130470	PCHAS_130790	3.25274	2.66866	2.6983	6.03149	4.49595	4.70425	1.102	0.7666501	6.03149	py	0.647509	4.495953	pb
PF14_0388	PKH_126540	PVX_118445	PY02585	PBANKA_130480	PCHAS_130800	5.72008	6.01265	5.5537	4.64649	5.04049	5.60304	0.34918	0.2277076	4.64649	py	0.1439963	5.040488	pb
PF14_0389	PKH_126530	PVX_118440	PY02586	PBANKA_130490	PCHAS_130810	1.89031	2.52549	3.14482	3.05045	2.36833	2.90976	0.38682	0.2602909	1.89031	pf	0.2292962	2.525491	pk
PF14_0392	PKH_126500	PVX_118425	PY05330	PBANKA_130520	PCHAS_130840	5.43471	5.94913	6.0366	0.06601	5.83025	0.72858	0.36391	0.2241656	0.72858	pc	0.1516027	5.434711	pf
PF14_0393	PKH_126490	PVX_118420	PY06012	PBANKA_130530	PCHAS_130850	3.13661	4.54002	3.21913	3.29669	3.53719	4.40505	0.47164	0.3172992	4.54002	pk	0.3772358	3.219133	pv
PF14_0395	PKH_126470	PVX_118410	PY01295	PBANKA_130550	PCHAS_130870	4.69944	6.28174	5.21481	3.98107	0.653	5.84184	0.86074	0.6607329	3.98107	py	0.5523305	0.652998	pb
PF14_0396	PKH_126460	PVX_118405	PY01294	PBANKA_130560	PCHAS_130880	3.67246	2.13352	2.3119	3.25737	3.31361	1.79256	0.66758	0.5081307	1.79256	pc	0.5313906	3.672463	pf
PF14_0397	PKH_126450	PVX_118400	PY01293	PBANKA_130570	PCHAS_130890	4.10043	4.29938	5.52756	4.75082	3.67982	2.82689	0.66177	0.499627	2.82689	pc	0.317488	5.527565	pv
PF14_0399	PKH_126430	PVX_118390	PY00881	PBANKA_130590	PCHAS_130910	2.26383	3.4433	3.53529	3.45739	3.2674	4.01644	0.3391	0.1682056	2.26383	pf	0.2067332	3.443298	pk
PF14_0401	PKH_126400	PVX_118375	PY02994	PBANKA_130620	PCHAS_130940	1.91017	2.76768	2.4721	2.43954	2.63645	2.58637	0.19478	0.0984974	1.91017	pf	0.0777924	2.767685	pk

PF14_0402	PKH_126390	PVX_118370	PY02454	PBANKA_130630	PCHAS_130950	4.19636	4.79052	4.55894	2.35369	3.27386	1.93503	0.99721	0.7443806	1.93503	pc	0.4698096	2.353694	py
PF14_0403	PKH_126380	PVX_118365	PY02453	PBANKA_130640	PCHAS_130960	2.84065	3.1875	2.41134	2.36852	1.7916	2.55997	0.33611	0.249658	1.7916	pb	0.3120725	2.559972	pc
PF14_0405	PKH_126360	PVX_118355	PY05024	PBANKA_130660	PCHAS_130980	4.72822	5.19688	5.61148	4.5861	5.02301	5.63244	0.35058	0.2985388	4.5861	py	0.3297044	5.023006	pb
PF14_0407	PKH_126340	PVX_118345	PY00094	PBANKA_130680	PCHAS_131000	0.44212	3.75352	3.09465	2.2138	2.94281	1.94922	0.86431	0.5370316	0.44212	pf	0.4686115	3.753523	pk
PF14_0408	PKH_126330	PVX_118340	PY00095	PBANKA_130690	PCHAS_131010	5.12934	3.65297	5.81024	5.66707	5.39651	4.02143	0.67835	0.4653069	3.65297	pk	0.4782013	5.810241	pv
PF14_0409	PKH_126320	PVX_118335	PY00096	PBANKA_130700	PCHAS_131020	4.5373	4.6238	5.28807	2.92684	5.30421	4.7081	0.53541	0.2862343	2.92684	py	0.2087667	5.304209	pb
PF14_0410	PKH_126310	PVX_118330	PY01913	PBANKA_130710	PCHAS_131030	2.66712	3.1244	1.94423	5.43757	0.60327	1.19221	1.13098	0.7992096	5.43757	py	0.6637719	0.603266	pb
PF14_0412	PKH_126290	PVX_118320	PY01912	PBANKA_130730	PCHAS_131050	3.69155	2.52322	3.12245	4.48694	4.57412	3.76647	0.58172	0.4494145	2.52322	pk	0.400763	3.122449	pv
PF14_0414	PKH_126270	PVX_118310	PY01910	PBANKA_130750	PCHAS_131070	3.93743	3.70759	4.43918	3.09462	1.16124	3.75971	0.69548	0.3148812	1.16124	pb	0.3936015	3.759714	pc
PF14_0415	PKH_126260	PVX_118305	PY01909	PBANKA_130760	PCHAS_131080	4.61198	6.0874	5.13523	3.47301	3.48467	3.24039	0.93942	0.6067623	6.0874	pk	0.3458115	5.135233	pv
PF14_0416	PKH_126250	PVX_118300	PY01907	PBANKA_130770	PCHAS_131090	2.9496	1.53297	3.26714	2.42792	3.58542	2.22324	0.603	0.4402805	1.53297	pk	0.4709647	3.267142	pv
PF14_0417	PKH_126240	PVX_118295	PY01906	PBANKA_130780	PCHAS_131100	3.46545	2.53397	2.49213	2.28071	1.547	2.84632	0.42098	0.3077854	1.547	pb	0.3066435	2.846319	pc
PF14_0421	PKH_126200	PVX_118280	PY01678	PBANKA_130820	PCHAS_131140	5.15777	4.04017	1.34979	3.82949	3.86976	6.08099	1.03832	0.7079031	1.34979	pv	0.8322075	3.829488	py
PF14_0423	PKH_126180	PVX_118270	PY03319	PBANKA_130840	PCHAS_131160	0.60696	5.50171	6.25829	2.49482	4.56831	4.96225	1.10413	0.7235744	2.49482	py	0.6711186	4.56831	pb
PF14_0425	PKH_126150	PVX_118255	PY03709	PBANKA_130860	PCHAS_131180	4.39984	1.98045	0.89087	3.76966	2.51118	2.30859	0.9168	0.6819054	4.39984	pf	0.7703469	1.980447	pk
PF14_0426	PKH_126140	PVX_118245	PY03708	PBANKA_130870	PCHAS_131190	2.36929	3.66121	2.65988	5.24428	3.39513	2.88503	0.73107	0.4054366	5.24428	py	0.3792696	3.395133	pb
PF14_0427	PKH_126130	PVX_118240	PY03707	PBANKA_130880	PCHAS_131200	4.88928	3.31688	4.77445	3.25173	0.72119	4.46287	0.93944	0.6190226	0.72119	pb	0.7737783	4.46287	pc
PF14_0428	PKH_126120	PVX_118235	PY03706	PBANKA_130890	PCHAS_131210	1.79431	1.30554	2.83859	4.22848	1.50413	2.17495	0.77301	0.4407723	4.22848	py	0.4784216	1.504134	pb
PF14_0431	PKH_126090	PVX_118220	PY06874	PBANKA_130920	PCHAS_131240	1.72353	0.75062	1.89607	2.4114	0.32494	1.48575	0.57828	0.4142198	0.32494	pb	0.4583301	1.485753	pc
PF14_0433	PKH_126070	PVX_118205	PY05556	PBANKA_130940	PCHAS_131260	0.87683	0.73664	0.29684	0.74477	0.5601	5.83369	0.32513	0.1529334	5.83369	pc	0.1561172	0.876833	pf
PF14_0434	PKH_126060	PVX_118200	PY05555	PBANKA_130950	PCHAS_131270	2.3464	2.40677	2.43109	2.48835	1.80402	2.12819	0.1746	0.0889701	1.80402	pb	0.0415673	2.128187	pc
PF14_0437	PKH_126040	PVX_118190	PY01902	PBANKA_130970	PCHAS_131290	1.78704	1.15509	1.2286	2.1296	1.05329	0.42305	0.41897	0.3416524	0.42305	pc	0.2018153	2.129602	py

PF14_0438	PKH_126030	PVX_118185	PY01899	PBANKA_130980	PCHAS_131300	1.20232	3.53364	0.22284	5.72555	5.98362	5.62574	0.84837	0.5280477	3.53364	pk	0.5294585	0.222844	pv
PF14_0441	PKH_126000	PVX_118170	PY07062	PBANKA_131010	PCHAS_131330	2.97642	3.77733	5.70197	5.86827	3.87808	4.56998	0.91807	0.7829673	2.97642	pf	0.7805467	3.777328	pk
PF14_0444	PKH_125970	PVX_118160	PY01551	PBANKA_131050	PCHAS_131380	4.4078	5.48675	5.42333	4.97398	5.44186	5.16132	0.30147	0.1586628	4.4078	pf	0.1824741	5.486751	pk
PF14_0447	PKH_125950	PVX_118150	PY06896	PBANKA_131070	PCHAS_131400	3.61638	3.33265	5.93457	1.80457	4.47653	0.15891	1.34993	1.0547765	0.15891	pc	0.8655184	1.804567	py
PF14_0450	PKH_125920	PVX_118135	PY04851	PBANKA_131100	PCHAS_131430	1.54247	6.04746	4.28367	2.26614	1.03665	2.01809	1.03742	0.6966625	4.28367	pv	0.6899112	2.266142	py
PF14_0451	PKH_125910	PVX_118130	PY00396	PBANKA_131110	PCHAS_131440	3.06031	3.49209	2.82258	5.96346	3.36458	4.1723	0.73006	0.3563011	5.96346	py	0.4453763	3.364584	pb
PF14_0453	PKH_125870	PVX_118110	PY06003	PBANKA_131150	PCHAS_131480	3.53469	3.9223	1.88287	5.57708	3.88917	5.90504	1.01628	0.8116524	1.88287	pv	0.6008685	5.577084	py
PF14_0455	PKH_125840	PVX_118100	PY06054	PBANKA_131170	PCHAS_131500	2.85878	0.89548	0.91634	5.79485	5.65552	5.83851	0.98459	0.5855664	2.85878	pf	0.3969183	0.895481	pk
PF14_0456	PKH_125830	PVX_118095	PY01106	PBANKA_131180	PCHAS_131510	1.87531	1.39151	1.85876	1.97306	0.79023	1.59529	0.32168	0.1723129	0.79023	pb	0.149524	1.595295	pc
PF14_0464	PKH_125770	PVX_118060	PY05111	PBANKA_131230	PCHAS_131560	0.69303	3.5827	2.14006	4.32982	4.65339	5.69685	1.21231	0.9254953	0.69303	pf	0.9700898	3.582704	pk
PF14_0465	PKH_125760	PVX_118055	PY05110	PBANKA_131240	PCHAS_131570	1.18652	3.04755	2.21451	0.15941	2.43788	1.78348	0.76176	0.5030864	0.15941	py	0.5730149	2.437882	pb
PF14_0467	PKH_125730	PVX_118040	PY05966	PBANKA_131270	PCHAS_131600	6.0086	0.20726	6.05167	0.69831	0.08211	1.54495	0.47909	0.2823342	1.54495	pc	0.19887	0.698306	py
PF14_0469-a	PKH_125700	PVX_118025	PY07313	PBANKA_131300	PCHAS_131630	0.62586	0.741	0.43483	0.46538	0.55653	1.29019	0.20005	0.0933299	1.29019	pc	0.0862393	0.434833	pv
PF14_0470	PKH_125690	PVX_118020	PY03745	PBANKA_131310	PCHAS_131640	4.41345	4.12962	4.76252	1.18847	5.06387	5.71605	0.82433	0.4473722	1.18847	py	0.4838785	5.063872	pb
PF14_0471	PKH_125680	PVX_118015	PY07598	PBANKA_131320	PCHAS_131650	3.98931	0.40685	4.62764	2.15517	4.08949	3.22622	1.00608	0.6671466	0.40685	pk	0.6743521	4.627639	pv
PF14_0476	PKH_125630	PVX_117985	PY01077	PBANKA_131370	PCHAS_131700	0.42437	0.33766	0.14009	5.72045	0.53685	5.8287	0.36267	0.2551221	5.72045	py	0.2691058	0.536851	pb
PF14_0477	PKH_125620	PVX_117980	PY06341	PBANKA_131380	PCHAS_131710	1.08639	1.80085	2.80027	2.08957	1.74433	5.25304	0.81502	0.4118239	5.25304	pc	0.2649258	2.80027	pv
PF14_0478	PKH_125600	PVX_117970	PY06344	PBANKA_131400	PCHAS_131730	1.43611	0.44819	2.14541	4.71895	3.38073	2.00828	1.05875	0.7283691	4.71895	py	0.5673496	3.380727	pb
PF14_0480	PKH_125580	PVX_117960	PY01987	PBANKA_131420	PCHAS_131750	5.27138	5.54761	4.58605	4.09899	2.22135	2.76433	1.0534	0.7911356	2.22135	pb	0.5334895	2.764327	pc
PF14_0481	PKH_125570	PVX_117950	PY01988	PBANKA_131430	PCHAS_131760	1.91142	2.15842	2.36058	5.19117	4.06003	2.08094	0.91017	0.4856493	5.19117	py	0.1316607	4.060027	pb
PF14_0482	PKH_125560	PVX_117945	PY01989	PBANKA_131440	PCHAS_131770	1.91732	2.79917	3.13292	2.62541	0.7425	2.22018	0.61292	0.3589181	0.7425	pb	0.3473398	2.220182	pc
PF14_0483	PKH_125550	PVX_117940	PY01990	PBANKA_131450	PCHAS_131780	3.28681	2.28349	2.67318	0.7341	2.29437	0.09619	0.85677	0.5884822	0.09619	pc	0.487491	3.286813	pf

PF14_0484	PKH_125540	PVX_117935	PY01991	PBANKA_131 460	PCHAS_13179 0	3.60849	2.39097	2.71994	5.71082	3.0798	2.06265	0.87092	0.4469337	5.71082	py	0.4687027	3.079801	pb
PF14_0486	PKH_125520	PVX_117925	PY05356	PBANKA_131 480	PCHAS_13181 0	2.56501	2.49672	3.44248	2.64947	2.59417	2.82621	0.21038	0.0827911	3.44248	pv	0.0896636	2.649471	py
PF14_0487	PKH_125510	PVX_117920	PY05354	PBANKA_131 490	PCHAS_13182 0	0.88368	0.45453	1.16887	1.59556	0.48457	1.16898	0.35177	0.2797483	1.59556	py	0.2499081	0.484573	pb
PF14_0489	PKH_125490	PVX_117910	PY01626	PBANKA_131 510	PCHAS_13184 0	2.27858	5.46957	4.04061	0.98309	1.44457	3.53383	1.37316	1.0293537	5.46957	pk	0.8461859	4.040605	pv
PF14_0490	PKH_125480	PVX_117905	PY01625	PBANKA_131 520	PCHAS_13185 0	2.03805	3.79781	1.24563	3.19645	3.03674	0.10541	1.10699	0.7421159	0.10541	pc	0.7373781	3.797812	pk
PF14_0491	PKH_125470	PVX_117900	PY01624	PBANKA_131 530	PCHAS_13186 0	4.8709	3.88414	0.32505	0.39387	0.45518	3.23777	1.26218	0.9320773	3.23777	pc	0.4840713	3.884139	pk
PF14_0492	PKH_125460	PVX_117895	PY01623	PBANKA_131 540	PCHAS_13187 0	5.21595	5.61616	5.57028	4.69363	4.71541	5.14469	0.30811	0.2652673	4.69363	py	0.2064503	4.715412	pb
PF14_0493	PKH_125450	PVX_117890	PY01622	PBANKA_131 550	PCHAS_13188 0	4.1283	4.21621	3.99863	3.06976	3.19166	4.8075	0.48199	0.4166174	4.8075	pc	0.2885527	3.069755	py
PF14_0494	PKH_125440	PVX_117885	PY01621	PBANKA_131 560	PCHAS_13189 0	1.79728	1.02455	1.42814	1.70351	0.73482	1.70907	0.33706	0.2107315	0.73482	pb	0.2620228	1.709072	pc
PF14_0495	PKH_125430	PVX_117880	PY06813	PBANKA_131 570	PCHAS_13190 0	5.61927	5.83281	5.57203	2.92531	6.08615	5.40789	0.6055	0.1878074	2.92531	py	0.1180393	6.086153	pb
PF14_0496	PKH_125420	PVX_117875	PY06812	PBANKA_131 580	PCHAS_13191 0	1.63358	2.13809	1.99714	0.89715	0.82339	1.0623	0.49766	0.3820347	2.13809	pk	0.2438348	1.997138	pv
PF14_0497	PKH_125410	PVX_117870	PY06811	PBANKA_131 590	PCHAS_13192 0	3.50221	3.14194	2.90464	3.53216	2.90061	2.13618	0.37248	0.2458244	2.13618	pc	0.2097272	3.532155	py
PF14_0499	PKH_125390	PVX_117860	PY05178	PBANKA_131 610	PCHAS_13194 0	2.38165	1.12114	2.37306	2.82035	0.8781	1.59332	0.66375	0.4975079	0.8781	pb	0.426949	1.593321	pc
PF14_0500	PKH_125380	PVX_117855	PY05177	PBANKA_131 620	PCHAS_13195 0	4.85691	3.75058	3.92615	4.38292	3.15249	4.0329	0.40725	0.3126211	3.15249	pb	0.3907764	4.032898	pc
PF14_0501	PKH_125370	PVX_117850	PY00071	PBANKA_131 630	PCHAS_13196 0	4.87586	5.69949	3.7267	2.85073	2.59512	1.49962	1.2261	0.9015643	5.69949	pk	0.907961	3.726704	pv
PF14_0502	PKH_125360	PVX_117845	PY04945	PBANKA_131 640	PCHAS_13197 0	3.28089	5.32128	4.36827	2.9493	3.16438	3.35027	0.60754	0.3209709	5.32128	pk	0.1293694	4.368268	pv
PF14_0504	PKH_125340	PVX_117830	PY04947	PBANKA_131 670	PCHAS_13200 0	2.41721	1.10272	2.56129	2.67013	2.80115	2.12796	0.39745	0.1852233	1.10272	pk	0.2315291	2.561292	pv
PF14_0507	PKH_125310	PVX_117810	PY00259	PBANKA_131 710	PCHAS_13204 0	2.03953	4.92311	3.02994	2.80766	3.72876	2.28936	0.75754	0.4859629	4.92311	pk	0.5518835	3.029941	pv
PF14_0511	PKH_125270	PVX_117790	PY00793	PBANKA_131 750	PCHAS_13208 0	1.48837	3.46841	2.3643	3.22862	2.71707	3.08275	0.53501	0.3231309	1.48837	pf	0.3075	3.468405	pk
PF14_0512	PKH_125260	PVX_117785	PY00794	PBANKA_131 760	PCHAS_13209 0	1.12106	1.45954	1.34284	0.06418	0.55058	1.34358	0.40169	0.2262969	0.06418	py	0.0848067	0.550578	pb
PF14_0513	PKH_125250	PVX_117780	PY00795	PBANKA_131 770	PCHAS_13210 0	2.13	3.44481	6.1847	2.58887	3.54906	3.76694	0.8895	0.5194262	6.1847	pv	0.4352973	2.588866	py
PF14_0515	PKH_125230	PVX_117770	PY00796	PBANKA_131 790	PCHAS_13212 0	1.61256	1.04041	2.07702	2.25359	1.33235	2.076	0.40355	0.2771389	1.04041	pk	0.3461691	2.077018	pv

PF14_0517	PKH_125210	PVX_117760	PY00855	PBANKA_131 810	PCHAS_13214 0	2.67953	1.46208	1.80946	2.49734	2.37488	2.07798	0.36704	0.2578864	1.46208	pk	0.1810034	1.809461	pv
PF14_0518	PKH_125200	PVX_117755	PY00856	PBANKA_131 820	PCHAS_13215 0	0.68209	5.81268	0.80915	1.10566	4.47914	0.24127	0.7717	0.4288093	4.47914	pb	0.4258046	0.241265	pc
PF14_0519	PKH_125190	PVX_117750	PY00857	PBANKA_131 830	PCHAS_13216 0	2.11213	3.34751	3.25568	5.22207	2.98441	2.81768	0.65184	0.3346771	5.22207	py	0.4183464	2.984413	pb
PF14_0520	PKH_125180	PVX_117745	PY00858	PBANKA_131 840	PCHAS_13217 0	3.181	3.04983	2.67198	2.95772	3.17233	2.98797	0.13091	0.0815259	2.67198	pv	0.0788795	2.957722	py
PF14_0522	PKH_125160	PVX_117735	PY00860	PBANKA_131 860	PCHAS_13219 0	0.35536	5.99833	0.61128	6.15448	0.3381	5.56763	0.40564	0.2760407	5.56763	pc	0.2767569	0.611278	pv
PF14_0530	PKH_125050	PVX_117685	PY05745	PBANKA_131 930	PCHAS_13226 0	5.24016	5.58161	4.8562	0.33115	5.22089	5.31442	0.36552	0.1637862	0.33115	py	0.1999153	5.220888	pb
PF14_0534	PKH_125000	PVX_117660	PY00669	PBANKA_131 980	PCHAS_13231 0	3.04275	3.14798	2.61917	5.67049	1.5342	2.09474	0.93552	0.5123554	5.67049	py	0.3692037	1.534204	pb
PF14_0538	PKH_124960	PVX_117640	PY02373	PBANKA_132 020	PCHAS_13235 0	4.01779	4.61695	5.02971	5.47817	4.79345	4.20073	0.41098	0.3209265	5.47817	py	0.357034	4.793445	pb
PF14_0539	PKH_124950	PVX_117635	PY02374	PBANKA_132 030	PCHAS_13236 0	3.51551	3.68124	3.62491	3.58692	2.61913	3.56658	0.19864	0.0448142	2.61913	pb	0.0509314	3.566576	pc
PF14_0540	PKH_124940	PVX_117630	PY02375	PBANKA_132 040	PCHAS_13237 0	2.9921	3.8248	4.58592	1.00519	3.3989	5.5946	1.10152	0.7579026	1.00519	py	0.8409035	3.398903	pb
PF14_0541	PKH_124930	PVX_117625	PY06858	PBANKA_132 050	PCHAS_13238 0	1.27504	2.38375	0.09359	2.31478	0.83325	0.58662	0.74335	0.6557322	0.09359	pv	0.5597314	2.314777	py
PF14_0543	PKH_124910	PVX_117615	PY06507	PBANKA_132 070	PCHAS_13240 0	3.50517	3.963	4.49184	3.90477	4.18102	4.80246	0.3504	0.2525854	4.80246	pc	0.2012721	3.505165	pf
PF14_0546	PKH_124880	PVX_117600	PY04186	PBANKA_132 100	PCHAS_13243 0	2.27159	0.56153	1.96624	1.8456	1.39932	1.48947	0.43885	0.2698072	0.56153	pk	0.3071003	1.966238	pv
PF14_0547	PKH_124870	PVX_117595	PY04187	PBANKA_132 110	PCHAS_13244 0	1.01036	4.12989	2.7748	1.96373	2.8997	2.46669	0.72726	0.5400793	4.12989	pk	0.5980738	2.774795	pv
PF14_0548	PKH_124860	PVX_117590	PY00672	PBANKA_132 120	PCHAS_13245 0	5.17752	5.68061	4.74305	1.3929	1.16705	4.41321	1.07886	0.7949181	1.3929	py	0.4254695	1.167051	pb
PF14_0549	PKH_124850	PVX_117585	PY00673	PBANKA_132 130	PCHAS_13246 0	1.62535	2.70386	1.66848	2.54191	2.76193	1.80517	0.48478	0.3903896	2.76193	pb	0.487987	1.805175	pc
PF14_0550	PKH_124840	PVX_117580	PY00674	PBANKA_132 140	PCHAS_13247 0	1.64376	1.32618	1.93145	1.13246	0.66761	1.6355	0.34741	0.2233123	0.66761	pb	0.2791404	1.635495	pc
PF14_0551	PKH_124830	PVX_117575	PY00675	PBANKA_132 150	PCHAS_13248 0	5.22494	4.55511	5.91804	5.80749	0.2388	2.46199	0.93294	0.5319946	2.46199	pc	0.3518972	4.555106	pk
PF14_0557	PKH_124770	PVX_117545	PY06026	PBANKA_132 210	PCHAS_13254 0	2.31788	2.96716	1.7527	4.45904	4.43936	5.11441	1.16251	0.8576805	1.7527	pv	1.0671803	4.459039	py
PF14_0558	PKH_124760	PVX_117540	PY06000	PBANKA_132 220	PCHAS_13255 0	4.67806	4.12238	5.25997	3.0662	4.95078	2.24658	0.90894	0.6044346	2.24658	pc	0.3525779	3.066203	py
PF14_0559	PKH_124750	PVX_117535	PY05450	PBANKA_132 230	PCHAS_13256 0	1.51656	3.51287	2.42527	1.80925	3.26982	1.90691	0.66254	0.4738545	3.51287	pk	0.4627295	2.425266	pv
PF14_0560	PKH_124740	PVX_117530	PY05451	PBANKA_132 240	PCHAS_13257 0	4.57924	0.64715	4.67214	6.14431	4.32955	4.7972	0.71515	0.4065432	0.64715	pk	0.508179	4.672141	pv

PF14_0563	PKH_124710	PVX_117510	PY06529	PBANKA_132 270	PCHAS_13260 0	1.61769	3.56648	2.4783	2.35511	1.30951	1.8358	0.60615	0.381244	3.56648	pk	0.3159294	2.478303	pv
PF14_0564	PKH_124700	PVX_117505	PY06530	PBANKA_132 280	PCHAS_13261 0	2.68469	2.67308	2.86449	2.34024	2.37792	1.77042	0.28894	0.1662026	1.77042	pc	0.1599008	2.864487	pv
PF14_0566	PKH_124680	PVX_117495	PY06531	PBANKA_132 290	PCHAS_13262 0	5.48917	3.76572	2.5575	5.49156	4.788	4.58871	0.80947	0.5252593	2.5575	pv	0.4806852	5.491555	py
PF14_0567	PKH_124670	PVX_117490	PY06532	PBANKA_132 300	PCHAS_13263 0	0.27271	2.77152	3.64166	0.2781	0.6665	3.68862	1.44658	1.151974	3.64166	pv	1.3802349	0.278097	py
PF14_0568	PKH_124660	PVX_117485	PY06533	PBANKA_132 310	PCHAS_13264 0	2.83474	3.64568	3.09033	1.95027	1.68272	2.58084	0.55949	0.4584168	3.64568	pk	0.4456467	3.090333	pv
PF14_0569	PKH_124650	PVX_117480	PY05521	PBANKA_132 320	PCHAS_13265 0	2.365	4.9646	3.39447	1.35758	3.0686	2.483	0.87035	0.5480977	4.9646	pk	0.4572539	3.394469	pv
PF14_0570	PKH_124640	PVX_117475	PY05519	PBANKA_132 330	PCHAS_13266 0	3.70281	4.08946	2.92011	6.0773	4.39383	2.77383	0.86064	0.5578709	6.0773	py	0.5245833	4.393831	pb
PF14_0571	PKH_124630	PVX_117470	PY05518	PBANKA_132 340	PCHAS_13267 0	3.53808	5.62642	1.38895	2.89475	3.75218	5.46569	1.17042	0.9318554	1.38895	pv	0.9504628	2.894753	py
PF14_0572	PKH_124620	PVX_117465	PY01918	PBANKA_132 350	PCHAS_13268 0	5.52403	5.98296	5.42433	5.14626	5.51937	5.6569	0.17899	0.1220684	5.98296	pk	0.1288241	5.424328	pv
PF14_0574	PKH_124600	PVX_117455	PY01916	PBANKA_132 370	PCHAS_13270 0	0.65641	0.80188	1.31979	2.59455	0.83473	1.72625	0.55793	0.3175493	2.59455	py	0.3969366	0.834729	pb
PF14_0576	PKH_124560	PVX_117435	PY01755	PBANKA_132 410	PCHAS_13274 0	2.36477	1.9279	2.58078	5.48228	2.90112	3.28969	0.79994	0.3796292	5.48228	py	0.3944523	2.901121	pb
PF14_0578	PKH_124540	PVX_117425	PY01752	PBANKA_132 430	PCHAS_13276 0	5.74484	5.93815	5.42104	5.47672	5.85003	5.86787	0.16891	0.1168913	5.42104	pv	0.0527866	5.476717	py
PF14_0579	PKH_124530	PVX_117420	PY01750	PBANKA_132 440	PCHAS_13277 0	2.12396	2.79934	2.52155	2.6035	2.32573	1.95172	0.25383	0.1906285	1.95172	pc	0.168839	2.799335	pk
PF14_0584	PKH_124480	PVX_117395	PY04143	PBANKA_132 490	PCHAS_13282 0	1.51887	0.88823	2.15965	0.39032	0.63413	1.19195	0.49297	0.3372744	2.15965	pv	0.2971148	0.390318	py
PF14_0589	PKH_124410	PVX_117360	PY00514	PBANKA_132 560	PCHAS_13289 0	2.2389	2.72502	2.77724	2.69514	2.71538	2.42195	0.14361	0.0770357	2.2389	pf	0.0938854	2.725021	pk
PF14_0592	PKH_124390	PVX_117350	PY05869	PBANKA_132 590	PCHAS_13292 0	3.96771	6.17458	3.85469	4.46403	3.19085	4.72668	0.72534	0.4290336	6.17458	pk	0.5080372	3.854689	pv
PF14_0593	PKH_124380	PVX_117345	PY05870	PBANKA_132 600	PCHAS_13293 0	2.40343	4.40142	5.3836	2.69028	1.40582	5.32621	1.43528	1.123219	1.40582	pb	1.172827	5.326209	pc
PF14_0597	PKH_124300	PVX_117325	PY03278	PBANKA_132 630	PCHAS_13296 0	4.55002	4.17786	4.56875	4.14843	4.00863	4.315	0.18314	0.158496	4.00863	pb	0.19812	4.314997	pc
PF14_0600	PKH_124270	PVX_117315	PY03282	PBANKA_132 660	PCHAS_13299 0	2.22281	1.43067	0.65485	0.41381	0.39948	0.51358	0.49691	0.2544463	2.22281	pf	0.0887858	1.430672	pk
PF14_0607	PKH_124170	PVX_117270	PY06776	PBANKA_132 710	PCHAS_13310 0	5.67421	5.91364	5.63056	5.28378	5.55717	5.99661	0.18549	0.1445029	5.28378	py	0.1513699	5.557172	pb
PF14_0608	PKH_124160	PVX_117265	PY04483	PBANKA_132 740	PCHAS_13320 0	1.67016	2.68975	3.39443	2.05184	3.14941	2.42296	0.51477	0.4138066	1.67016	pf	0.5172582	2.689751	pk
PF14_0609	PKH_124150	PVX_117260	PY04484	PBANKA_132 750	PCHAS_13321 0	2.9216	2.8991	2.75185	2.85563	2.56449	2.08386	0.21269	0.100871	2.08386	pc	0.0533028	2.56449	pb

PF14_0610	PKH_124140	PVX_117255	PY04485	PBANKA_132 760	PCHAS_13322 0	1.23911	1.26557	1.24133	2.05264	1.52459	1.56465	0.23264	0.1217594	2.05264	py	0.0874463	1.524587	pb
PF14_0614	PKH_124100	PVX_117230	PY04404	PBANKA_132 800	PCHAS_13326 0	0.35879	1.69538	0.70178	4.92514	5.99115	6.0856	0.76727	0.5421287	1.69538	pk	0.4528212	0.701778	pv
PF14_0615	PKH_124090	PVX_117225	PY04403	PBANKA_132 810	PCHAS_13327 0	0.18536	0.03277	5.99761	3.60593	3.53693	4.84584	1.13223	0.8665452	3.53693	pb	0.7952397	4.845842	pc
PF14_0616	PKH_124070	PVX_117215	PY04402	PBANKA_132 830	PCHAS_13329 0	1.50086	2.10191	2.06575	2.25618	2.3756	1.93268	0.20573	0.1266683	1.50086	pf	0.1583354	2.101907	pk
PF14_0617	PKH_124060	PVX_117210	PY01373	PBANKA_132 840	PCHAS_13330 0	5.02124	4.04277	0.30483	4.60603	4.29873	4.35589	0.58631	0.257152	0.30483	pv	0.2589062	4.606025	py
PF14_0618	PKH_124050	PVX_117205	PY01372	PBANKA_132 850	PCHAS_13331 0	4.41858	3.91009	1.69547	2.82558	3.55481	2.10289	0.87659	0.6800398	1.69547	pv	0.6677421	2.825579	py
PF14_0619	PKH_124040	PVX_117200	PY01371	PBANKA_132 860	PCHAS_13332 0	1.97174	2.80764	2.4679	5.16514	3.23088	2.61448	0.69159	0.3197764	5.16514	py	0.2456216	3.230878	pb
PF14_0620	PKH_124030	PVX_117195	PY01370	PBANKA_132 870	PCHAS_13333 0	1.93681	0.97442	2.51396	4.60814	3.206	2.0344	0.89708	0.5617454	4.60814	py	0.4092817	3.206001	pb
PF14_0632	PKH_123930	PVX_117150	PY00248	PBANKA_132 970	PCHAS_13343 0	3.80514	6.18575	3.42084	6.27381	1.96229	2.97882	1.31712	1.027567	6.18575	pk	1.2077622	3.42084	pv
PF14_0639	PKH_123840	PVX_117110	PY05580	PBANKA_133 040	PCHAS_13350 0	2.07421	1.61317	1.44316	2.6523	2.91564	2.85497	0.54873	0.4166457	1.44316	pv	0.5208071	2.652302	py
PF14_0641	PKH_123820	PVX_117100	PY05578	PBANKA_133 060	PCHAS_13352 0	4.05714	3.52901	4.55143	3.24141	3.32689	3.00056	0.42812	0.2688349	4.55143	pv	0.3146727	3.241407	py
PF14_0643	PKH_123800	PVX_117090	PY05576	PBANKA_133 080	PCHAS_13354 0	2.46294	3.33461	0.94112	4.56075	3.40375	2.67134	0.87062	0.566044	0.94112	pv	0.4010205	4.560745	py
PF14_0645	PKH_123780	PVX_117080	PY03682	PBANKA_133 100	PCHAS_13356 0	1.97051	2.34137	2.50751	5.23189	3.13575	3.07983	0.77135	0.3807414	5.23189	py	0.3188651	3.135753	pb
PF14_0646	PKH_123770	PVX_117075	PY03683	PBANKA_133 110	PCHAS_13357 0	3.34446	2.62139	4.56188	3.51452	4.50616	4.07774	0.6109	0.4418122	2.62139	pk	0.4312307	4.561883	pv
PF14_0649	PKH_123730	PVX_117060	PY01412	PBANKA_133 140	PCHAS_13360 0	3.15144	6.22535	2.71926	1.58571	1.77263	1.98615	0.75939	0.5024732	6.22535	pk	0.4448144	2.719262	pv
PF14_0650	PKH_123720	PVX_117055	PY02060	PBANKA_133 150	PCHAS_13361 0	2.82106	0.31921	0.63369	1.74426	3.57472	2.45965	1.02638	0.8655628	3.57472	pb	0.9031055	2.459652	pc
PF14_0652	PKH_123700	PVX_117045	PY02869	PBANKA_133 170	PCHAS_13363 0	6.00309	6.14541	5.71479	5.90808	6.01163	5.73104	0.13437	0.1137777	6.14541	pk	0.0939014	5.714794	pv
PF14_0653-a	PKH_123690	PVX_117040	PY02870	PBANKA_133 180	PCHAS_13364 0	4.72115	5.62079	3.98409	4.95259	4.0202	1.96432	0.88765	0.5138166	1.96432	pc	0.417363	5.620785	pk
PF14_0655	PKH_123670	PVX_117030	PY04360	PBANKA_133 190	PCHAS_13365 0	2.4046	1.48227	2.31476	2.96515	1.80277	3.71102	0.58016	0.4169407	3.71102	pc	0.3130535	1.482274	pk
PF14_0656	PKH_123660	PVX_117025	PY04361	PBANKA_133 200	PCHAS_13366 0	2.71589	2.39339	2.46606	5.40504	2.68824	1.96545	0.66405	0.2090581	5.40504	py	0.2057777	2.688239	pb
PF14_0657	PKH_123650	PVX_117020	PY04362	PBANKA_133 210	PCHAS_13367 0	2.22892	2.50822	2.34796	2.30319	3.14783	2.18207	0.21497	0.0890369	3.14783	pb	0.0810162	2.182069	pc
PF14_0660	PKH_123600	PVX_117005	PY03645	PBANKA_133 240	PCHAS_13370 0	5.86396	6.12336	5.37337	2.76689	4.26823	4.67254	0.94217	0.6093096	2.76689	py	0.4853524	4.268231	pb

PF14_0661	PKH_123590	PVX_117000	PY03646	PBANKA_133 250	PCHAS_13371 0	1.83617	1.80972	2.39899	6.02081	0.44273	1.31567	0.75814	0.4953521	6.02081	py	0.2774434	0.442731	pb
PF14_0663	PKH_123570	PVX_116990	PY07221	PBANKA_133 260	PCHAS_13372 0	1.91086	1.39427	1.14699	3.40405	2.71517	1.98208	0.6082	0.4311995	3.40405	py	0.3379218	2.715172	pb
PF14_0664	PKH_123560	PVX_116985	PY01695	PBANKA_133 280	PCHAS_13374 0	3.73724	4.67657	5.73331	5.08365	0.72444	3.453	0.99296	0.7253456	0.72444	pb	0.6007906	3.453005	pc
PF14_0666	PKH_123540	PVX_116975	PY01697	PBANKA_133 300	PCHAS_13376 0	3.96505	3.51941	3.01574	5.37058	3.5546	3.11661	0.53975	0.2774619	5.37058	py	0.3380279	3.554603	pb
PF14_0667	PKH_123530	PVX_116970	PY01698	PBANKA_133 310	PCHAS_13377 0	0.31557	4.06479	0.38306	3.56217	0.30365	1.38209	1.11941	0.7359779	3.56217	py	0.9169937	0.303654	pb
PF14_0668	PKH_123520	PVX_116965	PY01699	PBANKA_133 330	PCHAS_13379 0	2.80685	3.19351	2.88394	5.25834	3.84817	2.47739	0.68864	0.3514885	5.25834	py	0.1983032	3.848168	pb
PF14_0669	PKH_123510	PVX_116960	PY06654	PBANKA_133 340	PCHAS_13380 0	1.56326	2.33837	2.4281	5.84707	0.10152	1.50027	0.86068	0.6329357	5.84707	py	0.4257346	0.101521	pb
PF14_0670	PKH_123500	PVX_116955	PY06653	PBANKA_133 350	PCHAS_13381 0	1.25553	2.73243	0.31014	2.10906	5.10941	1.45853	0.98469	0.6551647	5.10941	pb	0.8189559	1.458533	pc
PF14_0671	PKH_123490	PVX_116950	PY06652	PBANKA_133 360	PCHAS_13382 0	3.7578	3.8209	5.45798	4.15052	4.34181	4.64348	0.45234	0.2813192	5.45798	pv	0.351649	4.150519	py
PF14_0672	PKH_123480	PVX_116945	PY07430	PBANKA_133 370	PCHAS_13383 0	5.94534	5.53922	5.9877	3.65238	0.41821	2.376	1.03522	0.6994981	2.376	pc	0.301133	3.652385	py
PF14_0673	PKH_123470	PVX_116940	PY03618	PBANKA_133 380	PCHAS_13384 0	2.60447	2.33893	2.21035	2.04667	2.62084	1.62155	0.28094	0.1936593	1.62155	pc	0.1715943	2.620844	pb
PF14_0674	PKH_123460	PVX_116935	PY03617	PBANKA_133 390	PCHAS_13385 0	2.80983	2.17444	2.90574	1.5167	3.06204	1.71309	0.56223	0.4160492	1.5167	py	0.4570092	3.062039	pb
PF14_0676	PKH_123440	PVX_116925	PY06665	PBANKA_133 410	PCHAS_13387 0	3.69882	4.81609	2.03939	5.83162	3.74911	3.61002	0.84143	0.6677737	2.03939	pv	0.3140916	5.831615	py
PF14_0677	PKH_123430	PVX_116920	PY05891	PBANKA_133 420	PCHAS_13388 0	1.94806	1.03847	1.87584	1.1516	0.9171	1.27917	0.33265	0.2398885	1.94806	pf	0.2715782	1.038468	pk
PF14_0678	PKH_123420	PVX_116915	PY05892	PBANKA_133 430	PCHAS_13389 0	3.17041	1.54108	0.81849	5.51364	0.48827	5.22753	1.14449	0.8369547	3.17041	pf	0.7829894	1.541082	pk
PF14_0680	PKH_123400	PVX_116905	PY07225	PBANKA_133 450	PCHAS_13391 0	3.92866	3.38165	3.11213	2.40992	2.84247	3.01412	0.35932	0.2482785	3.92866	pf	0.218465	3.381653	pk
PF14_0681	PKH_123390	PVX_116900	PY06359	PBANKA_133 460	PCHAS_13392 0	5.07199	5.71475	0.25664	0.71116	0.64154	5.17262	0.74992	0.6063415	5.07199	pf	0.5516587	5.714749	pk
PF14_0688	PKH_123330	PVX_116880	PY05359	PBANKA_133 520	PCHAS_13398 0	0.99858	2.8231	0.14867	2.19936	3.00549	1.03965	0.97351	0.7580718	0.14867	pv	0.9475898	2.199359	py
PF14_0693	PKH_123280	PVX_116855	PY06321	PBANKA_133 570	PCHAS_13403 0	5.94287	3.89498	0.19638	1.90002	6.12687	2.12003	1.18354	0.9033353	3.89498	pk	1.1291691	0.196381	pv
PF14_0695	PKH_123260	PVX_116845	PY04295	PBANKA_133 590	PCHAS_13405 0	5.23171	3.99705	3.77583	5.15762	3.54648	3.87565	0.5314	0.3664737	5.23171	pf	0.4277407	3.997055	pk
PF14_0696	PKH_123250	PVX_116840	PY04294	PBANKA_133 600	PCHAS_13406 0	4.42127	4.153	2.91852	1.9973	3.39684	4.93094	0.86543	0.6073711	1.9973	py	0.5701738	3.39684	pb
PF14_0699	PKH_123220	PVX_116825	PY04291	PBANKA_133 630	PCHAS_13409 0	2.53369	4.10333	3.35672	3.84704	4.13989	3.52359	0.44604	0.2725801	2.53369	pf	0.2766524	4.103326	pk

PF14_0700	PKH_123210	PVX_116820	PY03688	PBANKA_133 640	PCHAS_13410 0	3.22049	4.66831	4.68711	4.43144	4.78344	4.88306	0.3389	0.113351	3.22049	pf	0.1369896	4.668312	pk
PF14_0704	PKH_123180	PVX_116805	PY03692	PBANKA_133 670	PCHAS_13413 0	1.93033	3.00642	2.51142	1.40566	2.08522	2.20293	0.38326	0.2756714	3.00642	pk	0.2380406	2.511416	pv
PF14_0707	PKH_123150	PVX_116790	PY05083	PBANKA_133 700	PCHAS_13416 0	1.19121	0.5729	1.41141	0.27489	0.28649	0.37339	0.37346	0.2405445	1.41141	pv	0.276057	0.274894	py
PF14_0709	PKH_126820	PVX_118585	PY02256	PBANKA_130 210	PCHAS_13053 0	2.01566	3.74665	3.37728	4.11223	3.3247	3.49062	0.43864	0.2313813	2.01566	pf	0.2252175	3.746653	pk
PF14_0711	PKH_126840	PVX_118595	PY02631	PBANKA_130 190	PCHAS_13051 0	2.8375	2.84764	2.6829	3.45139	4.76572	4.37668	0.70429	0.4615326	4.76572	pb	0.1946553	4.37668	pc
PF14_0713	PKH_126860	PVX_118605	PY02637	PBANKA_130 170	PCHAS_13049 0	1.5813	2.46275	2.64068	2.62479	4.31764	1.69612	0.64049	0.3976087	4.31764	pb	0.3053537	1.696124	pc
PF14_0714	PKH_126870	PVX_118610	PY00265	PBANKA_130 160	PCHAS_13048 0	0.1304	4.29528	2.54371	0.10767	0.05595	5.85652	0.85673	0.5305281	2.54371	pv	0.6502314	0.107665	py
PF14_0715	PKH_126880	PVX_118615	PY00266	PBANKA_130 150	PCHAS_13047 0	1.98094	5.78837	4.42828	6.04547	2.61032	1.95095	1.30019	1.064758	4.42828	pv	0.783781	6.045471	py
PF14_0716	PKH_126890	PVX_118620	PY00267	PBANKA_130 140	PCHAS_13046 0	3.55011	3.53057	3.02642	5.3297	3.43177	3.64366	0.42245	0.147117	5.3297	py	0.1591963	3.431769	pb
PF14_0718	PKH_126910	PVX_118630	PY00705	PBANKA_130 120	PCHAS_13044 0	2.09312	2.15988	2.74413	5.5178	3.17684	2.39495	0.79847	0.3335931	5.5178	py	0.2215169	3.176844	pb
PF14_0719	PKH_126920	PVX_118635	PY00706	PBANKA_130 110	PCHAS_13043 0	2.38013	2.80478	2.5514	4.57605	2.85323	2.21214	0.51507	0.2131494	4.57605	py	0.1909786	2.853235	pb
PF14_0720	PKH_126930	PVX_118640	PY00707	PBANKA_130 100	PCHAS_13042 0	4.12774	2.03865	2.97545	2.45029	0.82564	2.87622	0.77747	0.5228505	0.82564	pb	0.6535632	2.876223	pc
PF14_0721	PKH_126940	PVX_118645	PY00708	PBANKA_130 090	PCHAS_13041 0	4.19346	2.67856	3.13446	3.34931	2.83092	3.3821	0.38016	0.244387	4.19346	pf	0.1915081	2.678555	pk
PF14_0723	PKH_126960	PVX_118650	PY05554	PBANKA_130 070	PCHAS_13039 0	4.91022	1.01847	0.61898	4.41701	0.12446	3.83379	1.24174	0.9753174	3.83379	pc	0.9956452	1.018467	pk
PF14_0724	PKH_126970	PVX_118655	PY05553	PBANKA_130 060	PCHAS_13038 0	1.26305	0.75226	5.3716	2.60074	2.55533	5.27941	1.2637	1.0815163	5.3716	pv	1.0174734	2.600739	py
PF14_0774	PKH_132810	PVX_085435	PY05717	PBANKA_102 230	PCHAS_10231 0	5.23823	5.25968	5.40036	0.05464	5.12371	5.06787	0.26134	0.0936909	0.05464	py	0.0884847	5.123714	pb
PF14_0788-a	PKH_134230	PVX_086205	PY00993	PBANKA_103 750	PCHAS_10383 0	0.87495	3.80501	6.08156	5.07562	5.66305	1.37325	1.05874	0.8151791	3.80501	pk	1.0189739	6.08156	pv
PFA0140c	PKH_021060	PVX_081615	PY01437	PBANKA_021 030	PCHAS_02087 0	4.02234	3.39805	3.15535	4.39128	3.94618	0.89893	0.81791	0.372045	0.89893	pc	0.3537823	4.39128	py
PFA0160c	PKH_021010	PVX_081595	PY06526	PBANKA_020 990	PCHAS_02083 0	3.12809	2.98426	3.28235	4.29316	2.80432	0.7871	0.68799	0.3573846	0.7871	pc	0.1554637	4.293157	py
PFA0165c	PKH_021000	PVX_081590	PY03810	PBANKA_020 980	PCHAS_02082 0	1.07772	3.34205	2.47122	2.20825	2.54541	2.73451	0.47746	0.279419	1.07772	pf	0.1501145	3.342051	pk
PFA0180w	PKH_020970	PVX_081575	PY04834	PBANKA_020 950	PCHAS_02079 0	2.54147	2.71968	2.50775	2.19608	2.74303	1.72671	0.26227	0.1517772	1.72671	pc	0.1033743	2.196077	py
PFA0195w	PKH_020940	PVX_081565	PY04147	PBANKA_020 920	PCHAS_02076 0	3.6117	2.75119	2.50108	4.49903	3.07967	1.16696	0.79519	0.5716916	1.16696	pc	0.3597748	4.49903	py

PFA0205w	PKH_020920	PVX_081555	PY06306	PBANKA_020900	PCHAS_020740	5.44891	5.58359	5.24287	3.75504	5.83529	5.76681	0.45648	0.1820617	3.75504	py	0.1646532	5.835285	pb
PFA0225w	PKH_020880	PVX_081535	PY01243	PBANKA_020870	PCHAS_020710	4.13123	4.01085	3.20101	2.78025	2.53394	3.12229	0.48443	0.3795324	4.13123	pf	0.2522753	4.010851	pk
PFA0230c	PKH_020870	PVX_081530	PY01244	PBANKA_020860	PCHAS_020700	2.25244	3.28709	2.63533	2.68681	3.0698	2.54841	0.26792	0.1911509	3.28709	pk	0.2389386	2.635328	pv
PFA0245w	PKH_020840	PVX_081515	PY07333	PBANKA_020830	PCHAS_020670	5.03185	1.32768	1.57148	0.79888	1.57664	2.58401	0.80948	0.4068184	5.03185	pf	0.4475736	1.327678	pk
PFA0250w	PKH_020830	PVX_081510	PY07833	PBANKA_020820	PCHAS_020660	3.89439	3.3727	3.59305	4.9903	3.91622	4.20895	0.37589	0.2318826	4.9903	py	0.2843971	3.916217	pb
PFA0255c	PKH_020820	PVX_081505	PY07834	PBANKA_020810	PCHAS_020650	3.39048	3.00994	2.71797	2.20618	2.50607	2.19876	0.3679	0.2645944	3.39048	pf	0.2047743	3.009945	pk
PFA0270c	PKH_020790	PVX_081495	PY04768	PBANKA_020780	PCHAS_020620	3.5156	3.5603	1.87848	2.04592	3.16922	3.10673	0.53566	0.3846489	1.87848	pv	0.1999852	2.045921	py
PFA0275c	PKH_020780	PVX_081490	PY04766	PBANKA_020770	PCHAS_020610	1.92904	3.70781	2.52951	2.65425	3.16112	3.06321	0.46989	0.3370347	1.92904	pf	0.2601414	3.707815	pk
PFA0290w	PKH_020730	PVX_081475	PY06866	PBANKA_020740	PCHAS_020580	4.73282	3.81114	3.87013	5.71433	3.57954	1.75455	0.86201	0.6112946	1.75455	pc	0.3030662	5.714335	py
PFA0295c	PKH_020720	PVX_081470	PY06867	PBANKA_020730	PCHAS_020570	5.05202	3.83404	4.72767	6.0433	4.74401	5.06594	0.47592	0.3112482	6.0433	py	0.3890603	4.744007	pb
PFA0300c	PKH_020710	PVX_081465	PY05774	PBANKA_020720	PCHAS_020560	3.13717	3.35121	2.64798	2.60275	2.839	2.08592	0.33179	0.2475282	2.08592	pc	0.1813564	3.351212	pk
PFA0330w	PKH_020650	PVX_081435	PY04551	PBANKA_020660	PCHAS_020500	1.51713	1.23215	1.98935	1.59826	0.80948	1.60935	0.27303	0.1698832	0.80948	pb	0.209583	1.609347	pc
PFA0335w	PKH_020640	PVX_081430	PY01029	PBANKA_020650	PCHAS_020490	4.36587	4.88964	5.70294	5.28782	4.82803	4.62559	0.34349	0.2372008	5.70294	pv	0.1815543	5.287818	py
PFA0350c	PKH_020610	PVX_081415	PY07070	PBANKA_020620	PCHAS_020460	3.49626	5.30084	3.90928	5.68186	3.62922	0.6154	1.14109	0.7714445	0.6154	pc	0.5211592	5.681861	py
PFA0355w	PKH_020600	PVX_081410	PY06583	PBANKA_020610	PCHAS_020450	3.39964	3.51447	2.35948	0.44067	2.98269	3.09214	0.7039	0.3143873	0.44067	py	0.3656214	2.982687	pb
PFA0370w	PKH_020590	PVX_081405	PY06584	PBANKA_020600	PCHAS_020440	4.4486	3.15106	3.86692	4.44194	4.32658	3.45965	0.45658	0.3127942	3.15106	pk	0.276078	3.866918	pv
PFA0375c	PKH_020580	PVX_081400	PY03953	PBANKA_020590	PCHAS_020430	0.6616	0.86223	1.65784	5.75258	5.86709	0.52235	0.601	0.4941062	1.65784	pv	0.3543953	5.752583	py
PFA0400c	PKH_020530	PVX_081375	PY06176	PBANKA_020540	PCHAS_020380	3.77648	3.60846	3.41087	4.86288	3.36509	3.70936	0.32738	0.1419763	4.86288	py	0.1166284	3.365094	pb
PFA0405w	PKH_020520	PVX_081370	PY06175	PBANKA_020530	PCHAS_020370	3.80223	2.83911	4.09018	2.58958	3.16972	2.6568	0.49611	0.3451141	4.09018	pv	0.3690099	2.589582	py
PFA0420w	PKH_020490	PVX_081355	PY00631	PBANKA_020500	PCHAS_020340	0.56683	0.50423	6.1519	5.95754	6.25047	0.31388	0.31243	0.2470135	5.95754	py	0.2221169	6.25047	pb
PFA0440w	PKH_020450	PVX_081335	PY05079	PBANKA_020460	PCHAS_020300	6.03059	0.0054	6.04348	5.68536	5.96395	5.90402	0.13489	0.096937	0.0054	pk	0.1012887	6.043479	pv
PFA0445w	PKH_020440	PVX_081330	PY06758	PBANKA_020450	PCHAS_020290	6.19135	3.26325	0.61451	0.10715	0.55107	2.74246	1.00897	0.6683292	3.26325	pk	0.819551	0.614514	pv

PFA0460c	PKH_020410	PVX_081315	PY03059	PBANKA_020420	PCHAS_020260	3.75727	3.31137	5.88247	4.76929	4.21697	4.01048	0.6316	0.3835253	5.88247	pv	0.2897039	4.76929	py
PFA0465c	PKH_020400	PVX_081310	PY01428	PBANKA_020410	PCHAS_020250	2.39736	2.59255	1.61056	3.46475	2.06525	3.25952	0.54061	0.4523326	1.61056	pv	0.3473649	3.464753	py
PFA0495c	PKH_020340	PVX_081285	PY00420	PBANKA_020350	PCHAS_020190	2.53323	2.60423	3.22722	4.17056	1.66202	2.79125	0.56492	0.3646426	4.17056	py	0.2202526	1.662024	pb
PFA0500w	PKH_020330	PVX_081280	PY00421	PBANKA_020340	PCHAS_020180	2.82856	3.39071	2.50849	5.41544	3.42731	2.63268	0.71062	0.33537	5.41544	py	0.2695234	3.427312	pb
PFA0510w	PKH_020310	PVX_081275	PY00423	PBANKA_020320	PCHAS_020160	3.17869	3.59024	2.29554	2.88222	0.5455	2.18334	0.77113	0.4580107	0.5455	pb	0.3977931	2.183338	pc
PFA0515w	PKH_020300	PVX_081270	PY02398	PBANKA_020310	PCHAS_020150	0.86952	0.13673	0.40949	0.3088	3.67949	1.5979	0.83918	0.4043766	3.67949	pb	0.2083702	1.597897	pc
PFA0520c	PKH_020290	PVX_081265	PY02400	PBANKA_020300	PCHAS_020140	3.66474	3.15636	4.08372	4.61692	4.37969	4.09366	0.36424	0.2496287	3.15636	pk	0.3095496	4.083715	pv
PFA0530c	PKH_020220	PVX_081255	PY07323	PBANKA_020280	PCHAS_020120	2.19514	2.89568	2.71177	0.08102	3.25471	1.29946	0.88109	0.5311576	0.08102	py	0.5282105	3.254712	pb
PFA0535c	PKH_020210	PVX_081250	PY02372	PBANKA_020270	PCHAS_020110	4.95391	5.41341	5.83233	6.05936	2.46	1.73854	1.1041	0.7427523	2.46	pb	0.3810921	1.738536	pc
PFA0540c	PKH_020200	PVX_081245	PY04376	PBANKA_020260	PCHAS_020100	3.99901	3.57965	3.46574	4.79399	2.95477	3.64444	0.40621	0.2445856	4.79399	py	0.1495107	2.954769	pb
PFA0545c	PKH_020190	PVX_081240	PY04378	PBANKA_020250	PCHAS_020090	3.92421	4.01095	4.84481	3.9948	4.45651	4.85312	0.37075	0.2764637	4.85312	pc	0.1371134	4.844813	pv
PFA0550w	PKH_020180	PVX_081235	PY05597	PBANKA_020240	PCHAS_020080	3.89034	5.84123	4.91237	5.54344	4.82806	4.52426	0.50906	0.4064691	3.89034	pf	0.2758717	5.841227	pk
PFA0555c	PKH_020170	PVX_081230	PY05596	PBANKA_020230	PCHAS_020070	4.85061	3.01189	2.67141	1.68052	2.60341	3.04275	0.65832	0.3541428	4.85061	pf	0.357558	3.011894	pk
PFA0580c	PKH_020130	PVX_081205	PY01446	PBANKA_020180	PCHAS_020020	2.58755	3.18924	2.60525	4.74709	2.87114	2.48536	0.52155	0.1974936	4.74709	py	0.1803936	2.871142	pb
PFB0130w	PKH_041710	PVX_003575	PY00446	PBANKA_030080	PCHAS_030300	3.58602	4.53552	4.49946	5.44907	4.02341	3.35246	0.58702	0.4192981	5.44907	py	0.5241226	4.023412	pb
PFB0160w	PKH_041660	PVX_003600	PY06905	PBANKA_030120	PCHAS_030340	2.60274	3.4584	3.0653	0.53193	4.57029	4.2398	1.01142	0.6284113	0.53193	py	0.50754	4.570295	pb
PFB0170w	PKH_041640	PVX_003610	PY01530	PBANKA_030140	PCHAS_030360	4.31771	4.59407	5.59031	5.56062	5.10641	3.51213	0.63891	0.4478299	3.51213	pc	0.438811	5.590315	pv
PFB0175c	PKH_041630	PVX_003615	PY01531	PBANKA_030150	PCHAS_030370	1.54666	1.69833	2.06694	0.47619	0.53421	1.55463	0.46048	0.3368821	0.47619	py	0.1659959	0.534206	pb
PFB0180w	PKH_041610	PVX_003625	PY01683	PBANKA_030170	PCHAS_030390	3.27485	4.01431	0.47995	5.02675	3.3611	3.56272	0.91465	0.4810216	0.47995	pv	0.2352711	5.026748	py
PFB0190c	PKH_041590	PVX_003635	PY03271	PBANKA_030190	PCHAS_030410	5.26868	5.68673	5.40721	0.86778	5.57464	2.92932	0.80119	0.4323601	2.92932	pc	0.1463707	0.867776	py
PFB0194w	PKH_041580	PVX_003640	PY00894	PBANKA_030200	PCHAS_030420	6.23566	1.90757	1.56054	5.97639	6.05008	4.55798	0.94761	0.8016014	4.55798	pc	0.5132265	1.907571	pk
PFB0210c	PKH_041510	PVX_003665	PY00899	PBANKA_030250	PCHAS_030470	2.28796	1.96914	2.30045	3.69572	3.35651	3.83912	0.7223	0.5892845	1.96914	pk	0.4725897	2.300451	pv

PFB0240w	PKH_041440	PVX_003700	PY02526	PBANKA_030310	PCHAS_030530	2.0178	2.95205	2.75094	3.71538	2.33809	2.85649	0.40285	0.2905294	3.71538	py	0.2599498	2.338094	pb
PFB0255w-a	PKH_041410	PVX_003720	PY01125	PBANKA_030340	PCHAS_030560	1.36628	3.22809	2.3166	4.7253	4.26278	1.88097	1.10872	0.8487262	4.7253	py	0.5743623	4.262784	pb
PFB0260w	PKH_041390	PVX_003730	PY01123	PBANKA_030360	PCHAS_030580	3.92136	3.64953	3.59676	5.39863	1.56908	3.60005	0.7006	0.4246366	1.56908	pb	0.5184258	3.600051	pc
PFB0265c	PKH_041380	PVX_003735	PY01122	PBANKA_030370	PCHAS_030590	5.99501	0.69578	6.06892	3.53546	4.01367	5.7963	0.94958	0.6475832	3.53546	py	0.3141437	4.013665	pb
PFB0270w	PKH_041370	PVX_003740	PY05037	PBANKA_030380	PCHAS_030600	0.91267	3.00883	4.01896	5.49639	4.9748	2.2885	1.38002	1.0347719	0.91267	pf	1.0409316	3.008829	pk
PFB0280w	PKH_041350	PVX_003750	PY05041	PBANKA_030400	PCHAS_030620	2.10991	2.60576	2.85877	1.16308	2.55464	1.84009	0.48435	0.3029052	1.16308	py	0.3786315	2.55464	pb
PFB0285c	PKH_041340	PVX_003755	PY00070	PBANKA_030410	PCHAS_030630	1.35331	1.22187	5.98984	4.63081	0.7386	1.125	0.81788	0.4259844	4.63081	py	0.4358782	0.738596	pb
PFB0290c	PKH_041330	PVX_003760	PY00068	PBANKA_030420	PCHAS_030640	1.67906	2.54622	1.78756	0.59335	1.5323	1.2173	0.44498	0.3311944	2.54622	pk	0.3501777	1.787556	pv
PFB0295w	PKH_041320	PVX_003765	PY05969	PBANKA_030430	PCHAS_030650	1.64843	2.15851	1.8512	4.83928	0.60584	0.90071	0.93258	0.5006334	4.83928	py	0.365145	0.605839	pb
PFB0320c	PKH_041280	PVX_003785	PY02064	PBANKA_030460	PCHAS_030680	5.93029	2.76828	2.18238	5.65722	2.54743	4.64124	1.4483	1.1137291	5.93029	pf	1.3921614	2.768278	pk
PFB0370c	PKH_041180	PVX_003860	PY03494	PBANKA_030530	PCHAS_030750	1.69183	0.92723	2.4688	1.32066	0.75138	1.02138	0.46355	0.2667758	2.4688	pv	0.2586496	1.320662	py
PFB0375w	PKH_041170	PVX_003865	PY03493	PBANKA_030540	PCHAS_030760	1.59446	1.92833	2.05986	1.73304	1.75052	1.34587	0.17755	0.1321359	1.34587	pc	0.0878343	2.059858	pv
PFB0380c	PKH_041160	PVX_003870	PY03492	PBANKA_030550	PCHAS_030770	3.81137	3.47222	2.39531	0.9627	2.31285	3.09322	0.78432	0.5150857	0.9627	py	0.4487652	2.312852	pb
PFB0390w	PKH_041140	PVX_003885	PY04778	PBANKA_030570	PCHAS_030790	3.92227	1.64518	2.75865	2.46021	4.15193	2.46915	0.70972	0.6289695	1.64518	pk	0.7862119	2.758646	pv
PFB0410c	PKH_041090	PVX_003910	PY02960	PBANKA_030620	PCHAS_030840	1.06229	5.69757	3.32757	6.04981	0.07232	6.21768	0.80729	0.3907211	3.32757	pv	0.4464343	6.04981	py
PFB0415c	PKH_041080	PVX_003915	PY00320	PBANKA_030630	PCHAS_030850	2.00726	2.08791	2.20021	4.82207	3.47886	2.32628	0.72197	0.3419932	4.82207	py	0.1078298	3.47886	pb
PFB0420w	PKH_041070	PVX_003920	PY00321	PBANKA_030640	PCHAS_030860	3.33269	3.62944	1.62633	4.90484	3.17778	3.22741	0.63924	0.4258192	1.62633	pv	0.1392359	4.90484	py
PFB0435c	PKH_041040	PVX_003935	PY00325	PBANKA_030670	PCHAS_030890	5.22288	4.58782	4.81485	4.72338	5.65345	5.35895	0.35154	0.254125	5.65345	pb	0.1816322	5.358948	pc
PFB0450w	PKH_041010	PVX_003950	PY07642	PBANKA_030690	PCHAS_030910	2.92915	6.22502	5.84393	4.22148	4.17483	4.15158	0.83915	0.7485091	2.92915	pf	0.4347524	6.225021	pk
PFB0460c	PKH_040990	PVX_003960	PY06445	PBANKA_030710	PCHAS_030930	4.17206	4.67033	4.92764	2.5985	5.0615	4.38678	0.58369	0.2860587	2.5985	py	0.2597821	5.061496	pb
PFB0465c	PKH_040980	PVX_003965	PY00444	PBANKA_030720	PCHAS_030940	3.83291	2.99161	3.09484	5.1559	5.57567	4.47158	0.88063	0.7082058	5.57567	pb	0.7255893	4.47158	pc
PFB0475c	PKH_040950	PVX_003980	PY00441	PBANKA_030750	PCHAS_030970	6.00795	6.07488	5.81719	5.36864	5.65288	0.50128	0.3381	0.2122608	0.50128	pc	0.1531874	5.368639	py

PFB0495w	PKH_040910	PVX_002975	PY05091	PBANKA_030790	PCHAS_031010	1.87408	3.34288	2.45063	1.93149	2.09424	2.24556	0.35654	0.1781233	3.34288	pk	0.1335566	2.450635	pv
PFB0510w	PKH_040870	PVX_002955	PY04596	PBANKA_030830	PCHAS_031050	5.26796	5.39319	5.10522	4.9552	4.90215	4.10843	0.3001	0.1607578	4.10843	pc	0.1289536	5.393192	pk
PFB0545c	PKH_040800	PVX_002920	PY03559	PBANKA_030900	PCHAS_031120	2.74408	2.83745	3.34828	5.57487	3.63061	2.70842	0.71064	0.305279	5.57487	py	0.1833082	3.630608	pb
PFB0550w	PKH_040790	PVX_002915	PY03558	PBANKA_030910	PCHAS_031130	2.40579	1.35618	1.19548	3.35114	1.20623	1.09958	0.60197	0.2933817	3.35114	py	0.3667272	1.206226	pb
PFB0570w	PKH_040760	PVX_002900	PY02991	PBANKA_030950	PCHAS_031160	6.01011	6.18225	0.78733	5.62008	5.88945	5.83652	0.31947	0.147154	0.78733	pv	0.1166006	5.620078	py
PFB0575c	PKH_040750	PVX_002895	PY02990	PBANKA_030960	PCHAS_031170	2.46767	3.63031	2.94881	4.92935	3.49043	3.53308	0.53097	0.3493809	4.92935	py	0.4367262	3.490432	pb
PFB0580w	PKH_040740	PVX_002890	PY02989	PBANKA_030970	PCHAS_031180	3.11502	2.76489	3.33313	2.7721	2.93696	5.24647	0.53678	0.1822298	5.24647	pc	0.1287447	3.333126	pv
PFB0585w	PKH_040730	PVX_002885	PY02988	PBANKA_030980	PCHAS_031190	5.05064	5.41733	4.26447	3.777	3.26254	3.87071	0.63703	0.4551144	5.41733	pk	0.4704535	4.26447	pv
PFB0595w	PKH_040690	PVX_002875	PY02986	PBANKA_031000	PCHAS_031210	2.73346	2.34406	2.20128	1.86571	2.60531	2.15133	0.24408	0.1972324	1.86571	py	0.1812267	2.605313	pb
PFB0605w	PKH_040670	PVX_002865	PY02983	PBANKA_031030	PCHAS_031240	3.70437	0.36633	4.1397	5.30514	3.90432	2.60264	0.9805	0.627566	0.36633	pk	0.7256128	4.139698	pv
PFB0610c	PKH_040660	PVX_002860	PY02982	PBANKA_031040	PCHAS_031250	2.6618	3.05026	3.30888	4.91564	2.21002	2.43374	0.66154	0.3430757	4.91564	py	0.3158992	2.210021	pb
PFB0630c	PKH_040600	PVX_002840	PY03933	PBANKA_031080	PCHAS_031290	1.68813	1.96831	2.10843	2.39055	2.77134	2.00175	0.26869	0.1685055	2.77134	pb	0.2106318	2.001745	pc
PFB0635w	PKH_040590	PVX_002835	PY03932	PBANKA_031090	PCHAS_031300	2.33116	2.76663	2.47506	2.7881	3.0215	2.59541	0.19577	0.1497009	3.0215	pb	0.1871262	2.595411	pc
PFB0640c	PKH_040580	PVX_002830	PY03930	PBANKA_031100	PCHAS_031310	0.00704	5.53852	3.10592	2.75995	1.12172	3.04871	1.30074	0.9525546	0.00704	pf	0.5682398	5.53852	pk
PFB0655c	PKH_040550	PVX_002815	PY03137	PBANKA_031120	PCHAS_031330	1.46821	0.88	1.64497	1.64943	0.68299	1.83853	0.35029	0.2279517	0.68299	pb	0.2365499	1.838534	pc
PFB0660w	PKH_040540	PVX_002810	PY03305	PBANKA_031130	PCHAS_031340	1.72165	1.58427	1.62491	4.32344	0.68581	0.97286	0.73784	0.3375786	4.32344	py	0.1973575	0.685809	pb
PFB0665w	PKH_040530	PVX_002805	PY03306	PBANKA_031140	PCHAS_031350	6.1568	0.3914	0.37242	5.45153	6.03829	6.03888	0.32638	0.2506063	5.45153	py	0.2836293	6.038287	pb
PFB0675w	PKH_040510	PVX_002795	PY05194	PBANKA_031160	PCHAS_031370	0.39757	0.24968	5.91791	1.37898	1.44366	1.24236	0.6305	0.4350779	5.91791	pv	0.5096922	1.378981	py
PFB0690w	PKH_040470	PVX_002775	PY00196	PBANKA_031200	PCHAS_031410	0.90023	3.05297	5.59569	0.59474	0.38004	3.07659	1.12375	0.8521288	3.07659	pc	0.4506043	3.052965	pk
PFB0700c	PKH_040460	PVX_002770	PY00195	PBANKA_031210	PCHAS_031420	1.26956	1.95395	2.15418	5.16321	5.61554	1.22859	0.98946	0.7094387	5.16321	py	0.4024978	5.615543	pb
PFB0705w	PKH_040450	PVX_002765	PY01112	PBANKA_031220	PCHAS_031430	1.1806	1.69663	1.85756	0.26795	1.02804	4.8089	0.81885	0.4516418	4.8089	pc	0.3363884	0.267947	py
PFB0710c	PKH_040440	PVX_002760	PY01113	PBANKA_031230	PCHAS_031440	1.88432	3.29284	5.78248	1.96877	3.97784	5.42076	1.33919	1.1091011	5.78248	pv	1.0553598	1.968775	py

PFB0715w	PKH_040430	PVX_002755	PY01115	PBANKA_031 240	PCHAS_03145 0	2.4075	1.55227	2.85061	2.69517	1.43205	1.87456	0.51573	0.4236699	2.85061	pv	0.3244339	2.695169	py
PFB0720c	PKH_040420	PVX_002750	PY01116	PBANKA_031 250	PCHAS_03146 0	3.92339	3.40561	5.32542	5.31091	0.43376	5.07823	0.82434	0.661467	0.43376	pb	0.8268337	5.07823	pc
PFB0732c	PKH_040395	PVX_002735	PY01119	PBANKA_031 280	PCHAS_03149 0	2.55302	3.08458	2.81852	2.20469	3.08223	2.4248	0.30047	0.2377977	2.20469	py	0.2313208	3.082226	pb
PFB0760w	PKH_040350	PVX_002710	PY01249	PBANKA_031 330	PCHAS_03154 0	6.1636	0.33075	5.09236	3.03276	5.43681	4.81095	0.87971	0.5748446	3.03276	py	0.7185557	5.436808	pb
PFB0795w	PKH_040300	PVX_002685	PY05971	PBANKA_031 380	PCHAS_03159 0	4.29081	3.33614	3.8258	4.86348	4.01582	4.28611	0.37711	0.2625337	3.33614	pk	0.2130905	3.8258	pv
PFB0800c	PKH_040290	PVX_002680	PY05970	PBANKA_031 390	PCHAS_03160 0	3.27029	2.8825	2.01427	0.93436	3.78267	1.6215	0.89422	0.6834346	0.93436	py	0.629251	3.782666	pb
PFB0815w	PKH_040260	PVX_002665	PY06527	PBANKA_031 420	PCHAS_03163 0	5.58804	0.26758	6.13756	4.2577	5.45892	5.12888	0.57181	0.4201073	4.2577	py	0.492853	5.458915	pb
PFB0820c	PKH_040250	PVX_002660	PY06528	PBANKA_031 430	PCHAS_03164 0	3.09113	2.8541	2.51856	5.53413	6.05447	2.54821	1.10688	0.7116972	6.05447	pb	0.8131507	2.548215	pc
PFB0830w	PKH_040230	PVX_002650	PY04712	PBANKA_031 450	PCHAS_03166 0	2.40342	1.58692	2.65038	1.48147	2.69374	2.06625	0.43548	0.3381908	1.48147	py	0.3501598	2.69374	pb
PFB0840w	PKH_040210	PVX_002640	PY03797	PBANKA_031 470	PCHAS_03168 0	3.9289	3.83164	2.83854	5.38897	4.57247	4.63909	0.66691	0.4535024	2.83854	pv	0.3627529	5.388968	py
PFB0855c	PKH_040180	PVX_002625	PY01246	PBANKA_031 500	PCHAS_03171 0	3.58911	3.90836	4.03386	0.43792	2.99418	5.54273	0.96768	0.5986606	0.43792	py	0.5197807	2.994177	pb
PFB0865w	PKH_040160	PVX_002615	PY01248	PBANKA_031 520	PCHAS_03173 0	2.39958	2.73566	2.61038	0.58614	3.20061	2.86076	0.53349	0.2102817	0.58614	py	0.1466133	3.20061	pb
PFB0875c	PKH_040140	PVX_002605	PY04746	PBANKA_031 540	PCHAS_03175 0	1.47311	2.05525	1.11693	2.13573	0.49383	1.51207	0.43653	0.3201861	0.49383	pb	0.4002326	1.512069	pc
PFB0890c	PKH_040090	PVX_002580	PY04495	PBANKA_031 590	PCHAS_03180 0	4.2258	3.5324	2.77743	3.10208	3.34419	2.71076	0.41869	0.2776799	4.2258	pf	0.2395216	3.532396	pk
PFB0895c	PKH_040080	PVX_002575	PY04496	PBANKA_031 600	PCHAS_03181 0	3.9445	4.2001	3.65344	2.90953	4.43084	4.66168	0.46419	0.2989173	2.90953	py	0.3159608	4.430843	pb
PFC0100c	PKH_083780	PVX_119245	PY07385	PBANKA_040 100	PCHAS_04019 0	1.65315	3.19059	2.05542	2.92097	1.45228	4.40863	0.89322	0.6012253	4.40863	pc	0.6007477	1.45228	pb
PFC0105w	PKH_083770	PVX_119250	PY06573	PBANKA_040 110	PCHAS_04020 0	2.19976	3.01361	4.26143	2.49955	1.29128	1.76234	0.75353	0.4919089	4.26143	pv	0.539938	2.499554	py
PFC0126c	PKH_083750	PVX_119260	PY03962	PBANKA_040 130	PCHAS_04022 0	3.90541	3.31313	2.79086	4.23148	3.3764	4.05464	0.45186	0.3193192	2.79086	pv	0.3176309	4.231485	py
PFC0130c	PKH_083740	PVX_119265	PY03963	PBANKA_040 140	PCHAS_04023 0	1.18658	2.48788	1.03156	2.81689	2.16305	0.84843	0.73354	0.5541869	2.81689	py	0.4486169	2.16305	pb
PFC0135c	PKH_083730	PVX_119270	PY01601	PBANKA_040 150	PCHAS_04024 0	3.16437	4.42941	3.38878	3.03878	3.73712	3.26145	0.34845	0.1845502	4.42941	pk	0.1988559	3.388777	pv
PFC0140c	PKH_083720	PVX_119275	PY05628	PBANKA_040 160	PCHAS_04025 0	2.98944	4.64914	2.88594	2.40659	2.17483	2.28598	0.60952	0.2829143	4.64914	pk	0.2338038	2.885943	pv
PFC0150w	PKH_083700	PVX_119285	PY01351	PBANKA_040 180	PCHAS_04027 0	5.30239	6.00522	4.61346	1.63188	3.60128	2.75339	1.32242	0.9905863	1.63188	py	0.9851881	3.601283	pb

PFC0155c	PKH_083690	PVX_119290	PY01352	PBANKA_040190	PCHAS_040280	1.99757	0.45446	2.27133	2.00665	1.60141	4.57029	0.79914	0.4444214	4.57029	pc	0.1697485	0.454458	pk
PFC0160w	PKH_083680	PVX_119295	PY07037	PBANKA_040200	PCHAS_040290	5.10514	5.04606	5.27667	4.98516	4.59028	5.51329	0.21227	0.1517465	4.59028	pb	0.0876472	5.513288	pc
PFC0166w	PKH_083660	PVX_119305	PY00502	PBANKA_040220	PCHAS_040310	2.54164	3.62872	3.52539	5.56693	2.44323	3.22999	0.75103	0.4338462	5.56693	py	0.3456182	2.443233	pb
PFC0170c	PKH_083650	PVX_119310	PY00503	PBANKA_040230	PCHAS_040320	3.83722	2.39866	3.42626	5.20104	4.64443	3.79112	0.67778	0.5256191	2.39866	pk	0.5542846	3.426261	pv
PFC0175w	PKH_083640	PVX_119315	PY00504	PBANKA_040240	PCHAS_040330	3.06661	3.68544	3.68321	5.35728	0.10775	3.83762	0.85843	0.4890183	0.10775	pb	0.5732257	3.837625	pc
PFC0176c	PKH_083630	PVX_119320	PY00505	PBANKA_040250	PCHAS_040340	5.23353	3.15113	0.27012	5.73344	6.19919	4.0919	1.00156	0.6854155	3.15113	pk	0.6518028	0.270125	pv
PFC0185w	PKH_083610	PVX_119330	PY03527	PBANKA_040270	PCHAS_040360	6.07396	5.95492	0.52998	5.98744	0.3126	5.76625	0.29572	0.1897148	0.52998	pv	0.2371435	5.987438	py
PFC0190c	PKH_083600	PVX_119335	PY03528	PBANKA_040280	PCHAS_040370	0.5096	0.27655	1.20852	2.42155	0.33688	5.61593	0.69891	0.4217632	2.42155	py	0.527204	0.336875	pb
PFC0195w	PKH_083590	PVX_119340	PY03529	PBANKA_040290	PCHAS_040380	4.23606	2.5564	2.81231	2.26891	1.59165	2.66902	0.55007	0.3241545	4.23606	pf	0.4051932	2.556403	pk
PFC0225c	PKH_083520	PVX_119375	PY07445	PBANKA_040350	PCHAS_040440	3.81691	2.98952	3.17652	2.69975	3.68089	1.96791	0.50286	0.3617047	1.96791	pc	0.2920341	3.816912	pf
PFC0250c	PKH_083430	PVX_119405	PY02645	PBANKA_040410	PCHAS_040500	4.60786	5.60634	4.56974	5.03967	4.81425	5.07458	0.28813	0.1873318	5.60634	pk	0.1730377	4.569739	pv
PFC0255c	PKH_083420	PVX_119410	PY05886	PBANKA_040420	PCHAS_040510	3.49311	4.4735	3.05874	4.40985	3.81023	1.99884	0.69048	0.4663011	1.99884	pc	0.4170596	4.473501	pk
PFC0262c	PKH_083390	PVX_119425	PY05888	PBANKA_040440	PCHAS_040530	4.77253	4.0371	5.36091	5.76602	4.33563	4.38087	0.52431	0.3521411	5.76602	py	0.4288671	4.335633	pb
PFC0265c	PKH_083380	PVX_119430	PY07420	PBANKA_040450	PCHAS_040540	2.32328	0.81432	5.16363	2.28839	2.34226	5.68588	1.22063	0.8897052	5.16363	pv	1.1121315	2.288389	py
PFC0271c	PKH_083360	PVX_119440	PY05305	PBANKA_040470	PCHAS_040560	2.79832	3.6631	2.45829	5.89625	3.67723	3.26774	0.78537	0.4167429	5.89625	py	0.4185566	3.677228	pb
PFC0275w	PKH_083350	PVX_119445	PY05303	PBANKA_040480	PCHAS_040570	4.71842	2.03679	5.05992	5.08903	4.50603	4.21183	0.68545	0.2862173	2.03679	pk	0.2723968	5.059916	pv
PFC0280c	PKH_083340	PVX_119450	PY01192	PBANKA_040490	PCHAS_040580	4.87981	5.97454	4.11303	4.54997	3.72814	4.74564	0.53481	0.356857	5.97454	pk	0.3368354	4.113027	pv
PFC0281w	PKH_083330	PVX_119455	PY01193	PBANKA_040500	PCHAS_040590	4.75978	3.52971	4.07845	4.83491	4.0666	3.99102	0.34764	0.307415	3.52971	pk	0.3842687	4.078453	pv
PFC0282w	PKH_083320	PVX_119460	PY06839	PBANKA_040510	PCHAS_040600	2.00052	2.98047	3.08	5.2601	3.86214	1.76996	0.90855	0.6343331	5.2601	py	0.5724986	3.862136	pb
PFC0290w	PKH_083300	PVX_119470	PY05754	PBANKA_040530	PCHAS_040620	2.46423	1.76152	2.43869	3.41267	2.37537	1.95775	0.37016	0.2367297	3.41267	py	0.2959122	2.375373	pb
PFC0300c	PKH_083280	PVX_119480	PY05756	PBANKA_040550	PCHAS_040640	2.20062	2.59326	2.47076	2.70996	2.31176	1.90936	0.22537	0.1581681	1.90936	pc	0.1379107	2.70996	py
PFC0310c	PKH_083260	PVX_119490	PY06630	PBANKA_040570	PCHAS_040660	4.38064	2.77647	3.14962	2.59606	1.8149	2.00751	0.64804	0.4207355	4.38064	pf	0.4808171	2.776468	pk

PFC0315c	PKH_083250	PVX_119495	PY06713	PBANKA_040580	PCHAS_040670	4.21357	4.59666	4.32996	3.7643	4.59471	5.04597	0.32158	0.2198195	3.7643	py	0.2747744	4.594711	pb
PFC0320w	PKH_083240	PVX_119500	PY05494	PBANKA_040590	PCHAS_040680	4.29031	5.46677	4.58889	3.29771	4.32732	3.09427	0.61678	0.5048471	5.46677	pk	0.5564149	4.58889	pv
PFC0330w	PKH_083220	PVX_119510	PY01938	PBANKA_040610	PCHAS_040700	2.68754	2.8943	5.61576	6.03649	3.45246	2.1958	1.22098	0.8369763	6.03649	py	0.9066808	3.45246	pb
PFC0340w	PKH_083200	PVX_119520	PY01936	PBANKA_040630	PCHAS_040720	3.5186	3.75616	3.48203	5.87335	4.4227	3.43527	0.60272	0.2523094	5.87335	py	0.0893622	4.422698	pb
PFC0345w	PKH_083190	PVX_119525	PY01935	PBANKA_040640	PCHAS_040730	5.33771	5.49511	5.21889	4.82261	5.59112	5.39112	0.18302	0.1059261	4.82261	py	0.0824077	5.591123	pb
PFC0350c	PKH_083180	PVX_119530	PY01933	PBANKA_040650	PCHAS_040740	2.4255	3.1703	2.99143	0.24912	2.93663	2.92438	0.58323	0.1623727	0.24912	py	0.2029659	2.936632	pb
PFC0370w	PKH_083140	PVX_119550	PY02343	PBANKA_040690	PCHAS_040780	6.2245	6.20081	5.66335	5.24841	6.14573	2.47283	0.68731	0.3027109	2.47283	pc	0.1540594	5.248412	py
PFC0371w	PKH_083130	PVX_119555	PY02342	PBANKA_040700	PCHAS_040790	5.89436	3.98543	3.93869	5.9063	3.4072	4.77655	0.87432	0.6650048	5.9063	py	0.6866971	3.407197	pb
PFC0375c	PKH_083120	PVX_119560	PY02341	PBANKA_040710	PCHAS_040800	1.90018	2.73042	2.28576	5.88472	2.71621	2.25921	0.66191	0.257448	5.88472	py	0.214199	2.716207	pb
PFC0380w	PKH_083110	PVX_119565	PY03455	PBANKA_040720	PCHAS_040810	2.0507	2.8494	2.88633	2.39478	3.29698	1.50484	0.51373	0.3475651	1.50484	pc	0.3225601	3.296983	pb
PFC0385c	PKH_083090	PVX_119575	PY03456	PBANKA_040740	PCHAS_040830	5.08943	4.51071	5.69007	6.13114	4.66325	5.01231	0.45406	0.3211056	6.13114	py	0.314119	4.663254	pb
PFC0395w	PKH_083070	PVX_119585	PY02906	PBANKA_040760	PCHAS_040850	2.07207	3.44022	2.75203	2.77288	2.14327	2.70669	0.34052	0.261916	3.44022	pk	0.3160578	2.752034	pv
PFC0405c	PKH_083050	PVX_119590	PY02904	PBANKA_040780	PCHAS_040870	0.97563	1.82369	2.49796	2.56292	2.39723	2.20408	0.40912	0.2066218	0.97563	pf	0.1148923	1.823692	pk
PFC0410w	PKH_083040	PVX_119595	PY07308	PBANKA_040790	PCHAS_040880	0.86014	5.17245	2.54688	4.87017	2.87422	3.04177	1.13386	0.9243052	0.86014	pf	0.6227095	5.172454	pk
PFC0415c	PKH_083030	PVX_119600	PY05132	PBANKA_040800	PCHAS_040890	3.89495	4.59652	1.94954	6.12419	3.4495	2.1517	1.17749	0.8780472	6.12419	py	1.097559	3.449505	pb
PFC0430w	PKH_082990	PVX_119620	PY07389	PBANKA_040840	PCHAS_040930	1.95789	2.41664	1.69348	2.20271	2.52338	2.22321	0.21819	0.1558845	1.69348	pv	0.1897319	2.202712	py
PFC0435w	PKH_082980	PVX_119625	PY07388	PBANKA_040850	PCHAS_040940	4.73194	5.18916	5.32146	4.88596	4.65991	5.48141	0.2857	0.2237551	5.48141	pc	0.2231801	4.659906	pb
PFC0445w	PKH_082950	PVX_119640	PY04582	PBANKA_040870	PCHAS_040960	1.62555	0.06173	2.50136	5.02391	3.74082	0.09314	1.32666	1.0648915	3.74082	pb	1.3311143	0.093139	pc
PFC0465c	PKH_082910	PVX_119660	PY05315	PBANKA_040910	PCHAS_041000	2.23221	0.85826	2.19315	2.46401	3.22949	1.8639	0.50174	0.327292	0.85826	pk	0.3993487	2.193148	pv
PFC0475c	PKH_082870	PVX_119670	PY06311	PBANKA_040930	PCHAS_041020	5.09173	4.94117	5.23701	0.77296	2.87497	2.48117	1.18126	0.8954043	2.48117	pc	0.6281505	0.772965	py
PFC0500w	PKH_082820	PVX_119695	PY01712	PBANKA_040980	PCHAS_041070	4.50663	2.96193	3.65841	5.33676	2.57804	4.99831	0.94055	0.7429453	2.57804	pb	0.8057616	4.99831	pc
PFC0510w	PKH_082790	PVX_119710	PY01709	PBANKA_041010	PCHAS_041100	4.46388	3.6795	3.70414	6.08862	2.08514	2.78319	0.95147	0.6599388	6.08862	py	0.4263323	2.085138	pb

PFC0525c	PKH_082750	PVX_119725	PY01719	PBANKA_041040	PCHAS_041130	4.32212	4.4971	5.20686	5.20891	5.33992	4.9751	0.3269	0.2153274	4.32212	pf	0.0917198	4.4971	pk
PFC0535w	PKH_082730	PVX_119740	PY04507	PBANKA_041060	PCHAS_041150	2.31258	2.06843	2.33837	2.21316	2.61813	2.13491	0.1421	0.0895218	2.61813	pb	0.0923419	2.134914	pc
PFC0555c	PKH_082690	PVX_119755	PY03661	PBANKA_041090	PCHAS_041180	3.44504	3.55089	3.49001	5.01953	2.59024	3.40471	0.43674	0.2091913	5.01953	py	0.0477888	2.590235	pb
PFC0565w	PKH_082660	PVX_119770	PY03663	PBANKA_041120	PCHAS_041210	1.95242	2.86996	2.71867	2.54221	3.10137	2.42126	0.29569	0.2015738	1.95242	pf	0.2141452	2.869959	pk
PFC0575w	PKH_082630	PVX_119785	PY03103	PBANKA_041150	PCHAS_041240	3.70855	4.52433	3.51598	3.92569	3.84954	4.19253	0.26141	0.1787389	4.52433	pk	0.1400343	3.515981	pv
PFC0582c-a	PKH_082600	PVX_119800	PY02848	PBANKA_041180	PCHAS_041270	0.0348	0.45004	2.53932	0.0939	2.30452	3.31337	1.26308	0.9430294	3.31337	pc	1.0749754	0.034797	pf
PFC0595c	PKH_082570	PVX_119815	PY02284	PBANKA_041210	PCHAS_041300	2.00405	4.05033	2.67845	5.80885	3.32523	0.74278	1.29319	0.9257453	5.80885	py	0.9954869	3.325229	pb
PFC0600w	PKH_082560	PVX_119820	PY02285	PBANKA_041220	PCHAS_041310	1.70699	1.92301	3.93862	0.55191	1.04794	0.24803	0.95345	0.5660102	3.93862	pv	0.5835062	0.551915	py
PFC0605w	PKH_082550	PVX_119825	PY02286	PBANKA_041230	PCHAS_041320	2.0922	6.26852	6.24541	4.56215	5.70426	6.1754	0.74125	0.4495038	2.0922	pf	0.538601	6.268516	pk
PFC0715c	PKH_082500	PVX_095415	PY03582	PBANKA_041420	PCHAS_041510	3.86625	3.56723	3.1606	3.26286	2.99788	2.53708	0.33346	0.2549979	2.53708	pc	0.1678999	3.866248	pf
PFC0720w	PKH_082490	PVX_095410	PY06387	PBANKA_041430	PCHAS_041520	4.40184	4.73335	5.27323	4.94867	5.1703	5.07402	0.23895	0.1523018	4.40184	pf	0.1052094	4.733353	pk
PFC0725c	PKH_082480	PVX_095405	PY06388	PBANKA_041440	PCHAS_041530	2.60743	1.69562	1.13067	1.59528	2.66927	4.79504	0.9417	0.5101502	4.79504	pc	0.4964515	1.130671	pv
PFC0735w	PKH_082460	PVX_095390	PY04951	PBANKA_041460	PCHAS_041550	2.23902	1.87298	2.65567	2.63632	2.84574	3.00856	0.29361	0.1957946	1.87298	pk	0.2447432	2.655666	pv
PFC0740c	PKH_082450	PVX_095385	PY05143	PBANKA_080830	PCHAS_080860	0.12837	3.47218	6.11175	3.41284	1.15795	6.24249	1.18307	0.8537512	3.41284	py	0.7675276	1.157947	pb
PFC0745c	PKH_082440	PVX_095380	PY00152	PBANKA_080820	PCHAS_080850	3.6753	3.61817	3.27543	4.46027	3.53034	3.42134	0.25444	0.1193381	4.46027	py	0.1491726	3.530336	pb
PFC0755c	PKH_082420	PVX_095370	PY00154	PBANKA_080800	PCHAS_080830	4.56953	5.19036	4.91892	3.17412	4.97711	2.37334	0.82823	0.4847625	2.37334	pc	0.1697526	3.174122	py
PFC0770c	PKH_082390	PVX_095355	PY02733	PBANKA_080770	PCHAS_080800	4.18455	4.6197	4.60435	2.55814	5.07825	5.37591	0.62114	0.3330505	2.55814	py	0.3016766	5.078246	pb
PFC0775w	PKH_082380	PVX_095350	PY06696	PBANKA_080760	PCHAS_080790	2.18368	2.40218	2.42176	2.95415	2.23907	2.58627	0.18954	0.1170569	2.95415	py	0.1055439	2.239069	pb
PFC0805w	PKH_082310	PVX_095320	PY03187	PBANKA_080700	PCHAS_080730	2.36323	3.35918	3.70876	0.51963	1.87384	6.06752	1.20889	0.9348911	6.06752	pc	0.7077147	0.519634	py
PFC0810c	PKH_082290	PVX_095315	PY03186	PBANKA_080690	PCHAS_080720	1.18661	3.24692	2.84043	2.70281	1.80824	3.59503	0.66412	0.4661798	1.18661	pf	0.4811012	3.24692	pk
PFC0815c	PKH_082280	PVX_095310	PY06071	PBANKA_080680	PCHAS_080710	5.99249	4.31104	0.07596	6.05038	0.02044	0.99497	0.59784	0.3188845	4.31104	pk	0.3847266	0.07596	pv
PFC0820w	PKH_082270	PVX_095305	PY06069	PBANKA_080670	PCHAS_080700	5.86064	6.04531	5.69717	4.62243	4.97992	4.98831	0.50208	0.3875457	4.62243	py	0.3051195	4.979918	pb

PFC0825c	PKH_082260	PVX_095300	PY00757	PBANKA_080660	PCHAS_080690	1.13381	3.44725	5.87906	4.29995	2.25533	1.97989	1.21549	0.9267004	5.87906	pv	0.6472201	4.299953	py
PFC0831w	PKH_082250	PVX_095295	PY00756	PBANKA_080650	PCHAS_080680	0.25369	2.60043	3.42868	3.644	3.04813	2.85891	0.73463	0.3226667	0.25369	pf	0.2914098	2.600432	pk
PFC0835c	PKH_082240	PVX_095290	PY00755	PBANKA_080640	PCHAS_080670	3.24077	1.64189	5.81085	2.80047	3.21778	2.70512	0.85365	0.4223085	5.81085	pv	0.5278856	2.800471	py
PFC0850c	PKH_082180	PVX_095275	PY00970	PBANKA_080610	PCHAS_080640	2.28109	3.31226	2.30353	2.5291	1.10594	1.58921	0.52811	0.4274953	3.31226	pk	0.5287595	2.303528	pv
PFC0860w	PKH_082160	PVX_095265	PY00972	PBANKA_080590	PCHAS_080620	4.52576	5.13689	4.20212	4.10201	4.22389	4.73494	0.31159	0.1913141	5.13689	pk	0.2336998	4.202122	pv
PFC0865w	PKH_082150	PVX_095260	PY00973	PBANKA_080580	PCHAS_080610	2.18811	2.28471	2.28809	3.9545	2.70542	1.86767	0.43459	0.1875446	3.9545	py	0.1292532	2.705419	pb
PFC0880c	PKH_082120	PVX_095245	PY00169	PBANKA_121870	PCHAS_121940	5.57305	3.6297	6.27912	1.14345	1.27471	0.28526	1.01185	0.6264729	3.6297	pk	0.7107613	6.279123	pv
PFC0885c	PKH_082110	PVX_095240	PY00168	PBANKA_121860	PCHAS_121930	1.17523	4.52191	0.55264	4.57501	3.92945	1.58667	1.47187	1.1685758	1.58667	pc	0.7398694	1.17523	pf
PFC0890w	PKH_082090	PVX_095230	PY01820	PBANKA_121840	PCHAS_121910	3.20946	4.20398	4.46467	3.5191	4.15912	4.96745	0.45807	0.3880208	4.96745	pc	0.2476105	3.209458	pf
PFC0905c	PKH_082060	PVX_095215	PY00597	PBANKA_121810	PCHAS_121880	0.99212	0.93611	0.55224	3.89359	1.50672	0.83659	0.67791	0.2220017	3.89359	py	0.1348503	1.506717	pb
PFC0910w	PKH_082010	PVX_095210	PY05269	PBANKA_121800	PCHAS_121870	5.32701	2.31131	2.44626	0.55065	0.30971	0.59281	0.9077	0.7794417	5.32701	pf	0.5446769	2.311308	pk
PFC0915w	PKH_081980	PVX_095195	PY01870	PBANKA_121770	PCHAS_121840	3.48934	2.76273	6.23972	3.75275	3.24774	4.21196	0.7841	0.390849	6.23972	pv	0.4227073	3.752751	py
PFC0920w	PKH_081970	PVX_095190	PY00436	PBANKA_121760	PCHAS_121830	5.37795	5.43596	4.77512	4.71533	5.16653	5.47533	0.27204	0.193927	4.71533	py	0.1895544	5.166532	pb
PFC0925w	PKH_081960	PVX_095185	PY00434	PBANKA_121750	PCHAS_121820	2.41871	2.56312	2.19624	2.16747	3.00021	1.91406	0.28404	0.1800599	3.00021	pb	0.1545284	1.914058	pc
PFC0935c	PKH_081940	PVX_095175	PY00432	PBANKA_121730	PCHAS_121800	3.35798	3.93928	5.3986	6.11128	3.90892	3.61067	0.76193	0.4738457	6.11128	py	0.5923071	3.908919	pb
PFC0945w	PKH_081920	PVX_095165	PY02676	PBANKA_121710	PCHAS_121780	5.77969	3.04496	5.02534	4.76867	5.36367	5.35467	0.60984	0.2698705	3.04496	pk	0.2550071	5.025342	pv
PFC0950c	PKH_081910	PVX_095160	PY02677	PBANKA_121700	PCHAS_121770	3.87311	2.6848	3.64777	2.93181	2.91306	2.19007	0.44413	0.3846038	2.19007	pc	0.2454297	3.873113	pf
PFC0955w	PKH_081900	PVX_095155	PY03755	PBANKA_121690	PCHAS_121760	3.77876	4.00107	3.64398	2.2431	1.47283	2.65539	0.84208	0.5762685	1.47283	pb	0.4731885	2.655387	pc
PFC0960c	PKH_081890	PVX_095150	PY03753	PBANKA_121680	PCHAS_121750	4.94298	4.89304	4.6688	2.5308	4.98465	5.17729	0.50205	0.1200202	2.5308	py	0.1396077	4.984647	pb
PFC0965w	PKH_081880	PVX_095145	PY03666	PBANKA_121670	PCHAS_121740	6.0915	6.03535	4.35519	2.4016	2.55638	2.51709	1.24443	0.9403316	6.03535	pk	0.7158904	4.355191	pv
PFC0970w	PKH_081870	PVX_095140	PY03667	PBANKA_121660	PCHAS_121730	1.00037	3.90102	3.63695	1.98596	3.3167	1.87968	0.99811	0.7344651	1.00037	pf	0.7720019	3.901022	pk
PFC0995c	PKH_081830	PVX_095120	PY01256	PBANKA_121620	PCHAS_121690	4.23703	3.71652	2.65412	4.94348	0.79703	0.15972	1.30982	1.0031487	0.79703	pb	0.702467	0.15972	pc

PFC1010w	PKH_081770	PVX_095100	PY00640	PBANKA_121 590	PCHAS_12166 0	4.44878	3.6332	0.22878	3.40634	2.32936	2.15176	1.11775	0.7201705	0.22878	pv	0.9002131	3.406335	py
PFC1011c	PKH_081760	PVX_095095	PY00639	PBANKA_121 580	PCHAS_12165 0	2.65237	2.59813	2.41614	2.61122	2.70233	2.0855	0.14436	0.0680884	2.0855	pc	0.0363395	2.416135	pv
PFC1020c	PKH_081740	PVX_095080	PY02291	PBANKA_121 560	PCHAS_12163 0	2.13693	2.25221	2.4453	2.45236	2.75195	1.96208	0.2164	0.15973	2.75195	pb	0.1271298	1.962081	pc
PFC1030w	PKH_081720	PVX_095070	PY06850	PBANKA_121 540	PCHAS_12161 0	2.72974	0.02626	3.16194	2.61687	3.9411	1.80992	0.89662	0.53525	0.02626	pk	0.5610114	3.161941	pv
PFC1035w	PKH_081710	PVX_095065	PY00355	PBANKA_121 530	PCHAS_12160 0	3.6595	2.54948	4.34841	4.969	4.34241	2.57422	0.81277	0.7134226	4.969	py	0.7210509	4.342412	pb
PFC1050w	PKH_081680	PVX_095050	PY00358	PBANKA_121 500	PCHAS_12157 0	0.04092	0.10359	0.21505	4.63545	3.7272	2.03508	1.08609	0.7713893	3.7272	pb	0.4813641	2.035085	pc
PFC1055w	PKH_081670	PVX_095045	PY00359	PBANKA_121 490	PCHAS_12156 0	2.25757	6.17636	2.84522	2.63214	2.89745	2.16381	0.67671	0.2642564	6.17636	pk	0.2770496	2.845222	pv
PFC1060c	PKH_081660	PVX_095040	PY00360	PBANKA_121 480	PCHAS_12155 0	0.60718	3.7565	2.08911	2.41579	1.51185	2.35572	0.71998	0.5304958	3.7565	pk	0.6631198	2.089109	pv
PFC1065w	PKH_081650	PVX_095035	PY01537	PBANKA_121 470	PCHAS_12154 0	1.63129	5.22775	2.60144	2.5508	3.98928	3.12595	0.92658	0.5866287	5.22775	pk	0.7332858	2.601441	pv
PFD0145c	PKH_031200	PVX_001095	PY02440	PBANKA_100 070	PCHAS_10016 0	3.68485	2.86182	2.83473	2.18671	3.42732	2.4821	0.41174	0.3240663	3.68485	pf	0.398312	2.861816	pk
PFD0150w	PKH_031190	PVX_001090	PY02441	PBANKA_100 080	PCHAS_10017 0	1.78816	0.70588	1.47217	2.1853	3.02221	2.53639	0.62962	0.459655	0.70588	pk	0.3962863	1.472173	pv
PFD0160w	PKH_031170	PVX_001080	PY02442	PBANKA_100 100	PCHAS_10019 0	0.94074	4.15509	2.24565	0.28539	3.01545	0.95343	1.18608	0.8069958	4.15509	pk	0.6856904	2.245649	pv
PFD0170c	PKH_031130	PVX_001065	PY02446	PBANKA_100 130	PCHAS_10022 0	4.26027	4.95998	4.17011	3.1335	4.66034	4.40018	0.40944	0.2379897	3.1335	py	0.2324474	4.660343	pb
PFD0180c	PKH_031100	PVX_001060	PY02447	PBANKA_100 140	PCHAS_10023 0	2.27673	3.0386	2.3955	2.36715	2.68322	2.33895	0.18908	0.0926087	3.0386	pk	0.1086719	2.395502	pv
PFD0190w	PKH_031080	PVX_001050	PY01349	PBANKA_100 160	PCHAS_10025 0	5.45643	4.02019	4.93272	2.40649	4.92313	4.70448	0.69685	0.3328951	2.40649	py	0.4161189	4.923135	pb
PFD0195c	PKH_031070	PVX_001045	PY01347	PBANKA_100 170	PCHAS_10026 0	5.97635	5.02309	0.78686	4.88301	5.50836	4.28775	0.72682	0.4627897	0.78686	pv	0.5434653	4.883006	py
PFD0225w	PKH_031000	PVX_001010	PY01338	PBANKA_100 230	PCHAS_10032 0	2.24299	3.60515	6.22643	0.257	0.86397	2.07625	1.14336	0.8237985	3.60515	pk	0.7995666	6.226431	pv
PFD0230c	PKH_030990	PVX_001005	PY01068	PBANKA_100 240	PCHAS_10033 0	5.67827	5.73688	5.26516	5.17349	5.92315	5.37647	0.25386	0.1952991	5.92315	pb	0.2441239	5.376466	pc
PFD0240c	PKH_030970	PVX_000995	PY01066	PBANKA_100 260	PCHAS_10035 0	5.39936	5.9505	5.62221	1.66074	5.46665	5.27564	0.5625	0.1795396	1.66074	py	0.2244246	5.466652	pb
PFD0245c	PKH_030960	PVX_000990	PY03896	PBANKA_100 270	PCHAS_10036 0	1.69921	1.66752	2.07476	0.55836	0.31634	0.82393	0.62381	0.4984045	2.07476	pv	0.5566132	0.558361	py
PFD0250c	PKH_030950	PVX_000985	PY03895	PBANKA_100 280	PCHAS_10037 0	4.85591	3.93254	5.10737	2.34337	1.90212	0.07275	1.35686	1.0374802	1.90212	pb	0.9218433	0.072754	pc
PFD0265w	PKH_030920	PVX_000970	PY01669	PBANKA_100 310	PCHAS_10040 0	2.39381	2.58263	2.90294	2.11441	2.02993	3.1297	0.34619	0.2682467	3.1297	pc	0.2443387	2.029929	pb

PFD0270c	PKH_030910	PVX_000965	PY01668	PBANKA_100320	PCHAS_100410	1.80712	2.25986	1.66029	1.74076	1.79168	0.68444	0.29553	0.1331851	0.68444	pc	0.0494363	2.259857	pk
PFD0285c	PKH_030890	PVX_000955	PY01667	PBANKA_100340	PCHAS_100430	2.7742	2.5466	2.0744	6.17415	0.64375	1.98068	0.8133	0.5392732	6.17415	py	0.3164296	0.643751	pb
PFD0290w	PKH_030880	PVX_000950	PY06651	PBANKA_100350	PCHAS_100440	3.93786	2.93785	3.11735	4.37586	3.43474	2.1106	0.59711	0.4517035	2.1106	pc	0.3293511	4.375855	py
PFD0300w	PKH_030860	PVX_000940	PY05103	PBANKA_100370	PCHAS_100460	4.75907	0.73792	1.53109	2.08593	6.15534	0.71694	0.88166	0.6055843	4.75907	pf	0.7569804	0.737922	pk
PFD0305c	PKH_030850	PVX_000935	PY05102	PBANKA_100380	PCHAS_100470	2.92476	2.62548	2.87008	2.42101	2.71281	2.17328	0.21465	0.1496705	2.17328	pc	0.1341011	2.924761	pf
PFD0311w	PKH_030830	PVX_000925	PY05100	PBANKA_100400	PCHAS_100490	2.81128	2.88533	2.85292	2.21242	2.55336	1.56356	0.37003	0.1944934	1.56356	pc	0.0934019	2.212419	py
PFD0320c	PKH_030820	PVX_000920	PY05099	PBANKA_100410	PCHAS_100500	0.86677	4.50879	5.03641	3.90113	4.1185	1.70031	1.16253	0.7887508	0.86677	pf	0.8883648	4.508793	pk
PFD0325w	PKH_030810	PVX_000915	PY06037	PBANKA_100420	PCHAS_100510	3.85778	3.54421	3.85657	5.21986	3.66098	3.71259	0.33607	0.1018327	5.21986	py	0.114387	3.660979	pb
PFD0335c	PKH_030790	PVX_000905	PY03014	PBANKA_100440	PCHAS_100530	3.99136	4.77087	4.01061	5.67118	3.11997	3.71653	0.60413	0.3889952	5.67118	py	0.2683954	3.119969	pb
PFD0350w	PKH_030760	PVX_000890	PY05693	PBANKA_100470	PCHAS_100560	2.29488	2.29594	3.23372	4.35713	4.28705	3.98683	0.80108	0.6229047	2.29488	pf	0.3559084	2.295939	pk
PFD0365c	PKH_030730	PVX_000875	PY05630	PBANKA_100500	PCHAS_100590	3.13298	4.25054	2.55891	3.59231	1.24011	3.53749	0.74139	0.4301919	1.24011	pb	0.5377399	3.537489	pc
PFD0367w	PKH_030720	PVX_000870	PY07641	PBANKA_100510	PCHAS_100600	2.63771	2.51156	1.82828	2.55113	0.9077	2.2841	0.44672	0.2152913	0.9077	pb	0.2122486	2.284102	pc
PFD0380c	PKH_030700	PVX_000860	PY03395	PBANKA_100530	PCHAS_100620	5.56678	5.36233	5.10978	3.6872	3.27458	2.5945	1.08044	0.7934658	2.5945	pc	0.8775824	5.566781	pf
PFD0390c	PKH_030680	PVX_000850	PY02232	PBANKA_100550	PCHAS_100640	5.98768	4.76446	4.31908	5.0108	4.26996	3.64272	0.58853	0.3725145	5.98768	pf	0.3542973	4.764461	pk
PFD0395c	PKH_030670	PVX_000845	PY02233	PBANKA_100560	PCHAS_100650	6.28286	0.22449	1.47577	5.9168	0.2267	6.14742	0.40491	0.1906678	1.47577	pv	0.146819	5.916801	py
PFD0400w	PKH_030660	PVX_000840	PY02234	PBANKA_100570	PCHAS_100660	0.21444	4.42382	5.34298	1.72801	0.54639	1.41565	1.04586	0.773887	4.42382	pk	0.5957101	5.342979	pv
PFD0403w	PKH_030650	PVX_000835	PY02235	PBANKA_100580	PCHAS_100670	0.08462	0.30771	0.43272	0.56783	0.26176	0.94319	0.21494	0.130836	0.94319	pc	0.1077725	0.084616	pf
PFD0415c	PKH_030630	PVX_000825	PY02237	PBANKA_100600	PCHAS_100690	3.62422	3.03273	3.12824	2.20358	3.3678	2.5239	0.39334	0.2870787	2.20358	py	0.2989566	3.367803	pb
PFD0420c	PKH_030620	PVX_000820	PY02238	PBANKA_100610	PCHAS_100700	4.39417	5.083	5.43854	4.5392	4.81369	4.72416	0.27962	0.1926637	5.43854	pv	0.1945903	4.539199	py
PFD0440w	PKH_030580	PVX_000800	PY00451	PBANKA_100650	PCHAS_100740	3.85758	3.6664	4.05149	0.36468	3.11467	1.74837	1.00458	0.6092058	0.36468	py	0.6235759	3.114673	pb
PFD0455w	PKH_030550	PVX_000785	PY04096	PBANKA_100680	PCHAS_100770	1.54976	2.50558	2.24381	0.21692	0.48487	0.95002	0.77456	0.6183545	2.50558	pk	0.4494959	2.243805	pv
PFD0460c	PKH_030530	PVX_000780	PY04095	PBANKA_100690	PCHAS_100780	1.76081	3.35614	2.26224	2.38018	2.0606	1.52323	0.44232	0.2716758	3.35614	pk	0.2891834	2.262243	pv

PFD0462w	PKH_030520	PVX_000775	PY04093	PBANKA_100700	PCHAS_100790	2.23388	2.47202	2.58763	3.77133	2.79506	1.45961	0.49808	0.3378392	3.77133	py	0.3415389	2.795059	pb
PFD0465c	PKH_030510	PVX_000770	PY04092	PBANKA_100710	PCHAS_100800	4.11309	3.80064	2.43311	2.34678	3.06575	4.60714	0.7792	0.6267662	4.60714	pc	0.6037173	2.346784	py
PFD0470c	PKH_030500	PVX_000765	PY04090	PBANKA_100720	PCHAS_100810	3.96972	5.00339	1.73091	2.88628	2.68552	3.10076	0.79519	0.5308084	5.00339	pk	0.3746696	1.730911	pv
PFD0480w	PKH_030490	PVX_000760	PY04089	PBANKA_100730	PCHAS_100820	4.54254	4.21398	1.36107	4.6656	3.4479	3.85942	0.79229	0.3801634	1.36107	pv	0.3623003	4.665597	py
PFD0485w	PKH_030480	PVX_000755	PY04088	PBANKA_100740	PCHAS_100830	1.00316	6.14143	5.37501	1.33975	0.18197	3.85313	1.00081	0.6785693	3.85313	pc	0.5587668	1.339752	py
PFD0487c	PKH_030470	PVX_000750	PY04087	PBANKA_100750	PCHAS_100840	5.27399	3.81368	6.15397	0.27436	0.79989	1.07219	0.95906	0.6020966	3.81368	pk	0.6517267	6.153969	pv
PFD0495c	PKH_030460	PVX_000745	PY04086	PBANKA_100760	PCHAS_100850	0.2682	1.32708	2.40873	1.77169	2.42849	0.36372	0.77499	0.6292832	0.2682	pf	0.6754517	1.327083	pk
PFD0515w	PKH_030440	PVX_000730	PY02309	PBANKA_100780	PCHAS_100870	1.68936	3.12803	2.59149	2.04273	3.21676	0.70492	0.74988	0.5225396	0.70492	pc	0.4968578	3.216758	pb
PFD0545w	PKH_030380	PVX_000700	PY04864	PBANKA_061240	PCHAS_061410	1.53847	3.64327	0.63666	0.855	6.19309	5.94945	0.97065	0.5634589	3.64327	pk	0.7043236	0.636663	pv
PFD0555c	PKH_030360	PVX_000690	PY04866	PBANKA_061260	PCHAS_061430	2.65621	2.61046	3.80772	2.88848	4.11582	2.31298	0.53873	0.3545539	4.11582	pb	0.357383	2.312977	pc
PFD0560w	PKH_030350	PVX_000685	PY04867	PBANKA_061270	PCHAS_061440	3.40947	3.17799	3.22933	6.10453	4.28097	5.53785	1.01776	0.6822995	6.10453	py	0.6349995	4.280967	pb
PFD0565c	PKH_030340	PVX_000680	PY04868	PBANKA_061280	PCHAS_061450	2.08272	2.45645	2.06908	2.24241	1.38944	2.63326	0.29848	0.1875807	1.38944	pb	0.1367631	2.633257	pc
PFD0590c	PKH_030300	PVX_000650	PY06115	PBANKA_061320	PCHAS_061490	4.31586	3.49984	4.86494	5.04269	5.18127	4.63624	0.43949	0.2543726	3.49984	pk	0.3179657	4.86494	pv
PFD0605c	PKH_030270	PVX_000635	PY05325	PBANKA_061350	PCHAS_061520	2.09009	3.53609	6.22934	3.11796	3.72476	2.04411	1.03967	0.6253293	6.22934	pv	0.7816616	3.117965	py
PFD0610w	PKH_030260	PVX_000630	PY05326	PBANKA_061360	PCHAS_061530	3.39734	3.53678	2.70785	2.51539	2.25385	1.84561	0.50452	0.4329757	1.84561	pc	0.3339877	3.536782	pk
PFD0660w	PKH_051720	PVX_089635	PY00543	PBANKA_071550	PCHAS_072460	4.82464	5.52752	3.27898	5.37657	4.28337	5.33161	0.64145	0.3592164	3.27898	pv	0.4377784	5.376574	py
PFD0665c	PKH_051730	PVX_089640	PY00544	PBANKA_071560	PCHAS_072470	4.1785	4.29583	3.44689	3.05513	3.42724	3.99441	0.42325	0.3200405	3.05513	py	0.2582573	3.427236	pb
PFD0675w	PKH_051750	PVX_089650	PY00545	PBANKA_071580	PCHAS_072490	4.45081	3.40275	2.63036	3.26371	4.33964	4.41793	0.65193	0.4404556	2.63036	pv	0.2815856	3.263708	py
PFD0680c	PKH_051760	PVX_089655	PY00546	PBANKA_071590	PCHAS_072500	4.01328	5.68433	2.95198	3.37003	3.517	3.6813	0.58998	0.274513	5.68433	pk	0.2018866	2.951983	pv
PFD0685c	PKH_051770	PVX_089660	PY00549	PBANKA_071600	PCHAS_072510	3.86331	4.58181	4.78203	2.66465	3.97195	3.87808	0.48829	0.3244905	2.66465	py	0.4056131	3.971948	pb
PFD0705c	PKH_051830	PVX_089685	PY02203	PBANKA_071660	PCHAS_072570	5.37584	5.04349	5.82092	3.73092	4.52364	5.20761	0.51772	0.3259265	3.73092	py	0.2364152	4.52364	pb
PFD0710w	PKH_051840	PVX_089690	PY02202	PBANKA_071670	PCHAS_072580	5.09533	4.23002	0.44001	4.57358	2.26886	2.5084	1.23081	0.9783313	0.44001	pv	1.1370231	4.573581	py

PFD0720w	PKH_051860	PVX_089700	PY02199	PBANKA_071 690	PCHAS_07260 0	6.07796	5.93569	5.81524	5.73789	5.88081	5.75437	0.09783	0.0648484	6.07796	pf	0.0509482	5.93569	pk
PFD0725c	PKH_051870	PVX_089705	PY02198	PBANKA_071 700	PCHAS_07261 0	1.61181	6.26553	4.93079	5.87137	2.59506	2.04863	1.33956	1.014633	4.93079	pv	0.7623841	5.871371	py
PFD0730w	PKH_051880	PVX_089710	PY02197	PBANKA_071 710	PCHAS_07262 0	1.51169	3.01563	5.37081	3.2282	3.07877	2.47094	0.77992	0.4648673	5.37081	pv	0.5279428	3.228198	py
PFD0750w	PKH_051920	PVX_089730	PY02814	PBANKA_071 750	PCHAS_07266 0	2.91399	0.72208	1.7681	2.56888	2.84449	1.23742	0.76663	0.5505899	0.72208	pk	0.4880432	1.768102	pv
PFD0755c	PKH_051930	PVX_089735	PY02813	PBANKA_071 760	PCHAS_07267 0	0.6804	2.40641	2.32359	4.46839	2.59607	1.89864	0.76137	0.4846888	4.46839	py	0.5377402	2.59607	pb
PFD0760c	PKH_051940	PVX_089740	PY02812	PBANKA_071 770	PCHAS_07268 0	4.82892	5.00786	3.98305	3.7933	3.78551	4.87387	0.5248	0.4247954	5.00786	pk	0.5309942	3.983047	pv
PFD0770c	PKH_051960	PVX_089750	PY02811	PBANKA_071 780	PCHAS_07269 0	2.3113	1.99715	2.62855	2.45696	1.55512	2.32921	0.25853	0.1554125	1.55512	pb	0.1942656	2.329212	pc
PFD0780w	PKH_052020	PVX_089895	PY02858	PBANKA_071 810	PCHAS_07272 0	4.19012	3.26227	2.47963	3.50012	4.2442	2.14206	0.67508	0.5384851	2.14206	pc	0.4870868	4.2442	pb
PFD0795w	PKH_052050	PVX_089910	PY02860	PBANKA_071 840	PCHAS_07275 0	4.40736	3.99992	4.21849	2.40464	3.91609	4.22088	0.42101	0.142446	2.40464	py	0.1024575	3.916087	pb
PFD0800c	PKH_052060	PVX_089915	PY02861	PBANKA_071 850	PCHAS_07276 0	4.80563	4.04464	4.61457	5.89417	3.5402	2.35847	0.89518	0.6229903	2.35847	pc	0.4588379	5.894169	py
PFD0810w	PKH_052090	PVX_089930	PY04367	PBANKA_071 880	PCHAS_07279 0	3.30391	4.58123	4.94136	4.87713	4.9081	5.38159	0.41146	0.1729185	3.30391	pf	0.1344318	4.581231	pk
PFD0815c	PKH_052100	PVX_089935	PY04368	PBANKA_071 890	PCHAS_07280 0	2.48549	3.15964	1.84329	3.21422	2.20198	2.50865	0.39196	0.3372788	1.84329	pv	0.2452058	3.214218	py
PFD0830w	PKH_052130	PVX_089950	PY04370	PBANKA_071 930	PCHAS_07283 0	3.96363	4.79919	3.65401	1.00716	4.22785	4.41562	0.77661	0.3194367	1.00716	py	0.3992959	4.227849	pb
PFD0835c	PKH_052150	PVX_089955	PY04371	PBANKA_071 940	PCHAS_07284 0	2.46594	2.4822	1.85575	2.07537	2.72655	1.8387	0.31748	0.2507388	2.72655	pb	0.2542553	1.838696	pc
PFD0850c-a	PKH_052160	PVX_089970	PY04533	PBANKA_071 960	PCHAS_07286 0	3.92377	2.52108	2.52403	5.50757	2.97311	1.58216	0.96286	0.5587286	5.50757	py	0.5861399	2.973113	pb
PFD0875c	PKH_052220	PVX_089995	PY03308	PBANKA_072 020	PCHAS_07292 0	1.77838	0.55334	0.70273	1.12592	1.58359	1.08101	0.35847	0.2906864	1.77838	pf	0.2314422	0.553344	pk
PFD0880w	PKH_052230	PVX_090000	PY03267	PBANKA_072 030	PCHAS_07293 0	2.28559	2.008	2.65133	2.8033	2.41405	2.14562	0.23825	0.1823547	2.8033	py	0.195828	2.414054	pb
PFD0885c	PKH_052240	PVX_090005	PY03268	PBANKA_072 040	PCHAS_07294 0	5.92284	0.39441	6.03197	6.22747	0.40343	5.36154	0.37922	0.2818817	5.36154	pc	0.2375656	0.403434	pb
PFD0900w	PKH_052290	PVX_090020	PY06816	PBANKA_072 070	PCHAS_07297 0	6.01699	5.73933	5.95582	6.15319	5.72356	1.0193	0.34232	0.1414564	1.0193	pc	0.1187565	5.723565	pb
PFD0905w	PKH_052300	PVX_090025	PY05599	PBANKA_072 080	PCHAS_07298 0	0.41603	1.78596	2.11449	0.056	0.55317	1.34459	0.7033	0.5317021	2.11449	pv	0.5403357	0.056005	py
PFD0930w	PKH_052350	PVX_090050	PY07464	PBANKA_072 130	PCHAS_07303 0	5.31711	3.32397	3.72908	0.99034	1.74717	0.22049	1.42591	1.1633474	3.72908	pv	1.4541843	0.990336	py
PFD0950w	PKH_052390	PVX_090070	PY07276	PBANKA_072 170	PCHAS_07307 0	2.89375	4.03824	2.62839	2.62606	3.60706	2.49772	0.46448	0.275405	4.03824	pk	0.3442563	2.628386	pv

PFD0975w	PKH_052440	PVX_090095	PY06287	PBANKA_052140	PCHAS_052160	1.56453	1.94615	2.01169	2.69575	0.59589	1.34259	0.5251	0.3600629	0.59589	pb	0.2991901	1.342593	pc
PFD0980w	PKH_052460	PVX_090105	PY06285	PBANKA_052160	PCHAS_052180	3.29044	2.71015	3.59273	6.09638	2.97517	2.53205	0.7937	0.3281934	6.09638	py	0.4102417	2.975172	pb
PFD0985w	PKH_052480	PVX_090110	PY06328	PBANKA_052170	PCHAS_052190	6.26398	0.21338	0.79699	4.78945	0.39115	0.71543	0.53386	0.2636501	4.78945	py	0.3295626	0.391155	pb
PFD1030c	PKH_052510	PVX_090130	PY02465	PBANKA_052210	PCHAS_052230	0.72182	5.37489	6.19794	4.76746	1.62113	2.58036	1.23876	0.9533937	2.58036	pc	0.8341214	4.76746	py
PFD1037w	PKH_052550	PVX_090145	PY05566	PBANKA_052250	PCHAS_052270	2.93832	2.54989	4.74911	1.8749	3.20291	4.27045	0.80989	0.6097132	4.74911	pv	0.4962865	1.874903	py
PFD1050w	PKH_052580	PVX_090155	PY04063	PBANKA_052270	PCHAS_052290	0.00462	4.47317	4.69149	4.19565	5.39531	4.32401	0.56363	0.3134278	0.00462	pf	0.3917847	4.47317	pk
PFD1055w	PKH_052590	PVX_090160	PY04062	PBANKA_052280	PCHAS_052300	2.21037	1.58243	2.53325	2.04066	1.91255	2.40955	0.26959	0.1979163	1.58243	pk	0.1666759	2.533247	pv
PFD1070w	PKH_052620	PVX_090175	PY06447	PBANKA_052310	PCHAS_052330	2.05763	1.45338	2.42631	0.50316	1.34951	2.50629	0.61403	0.4259408	0.50316	py	0.3553951	1.349506	pb
PFD1075w	PKH_052630	PVX_090180	PY06448	PBANKA_052320	PCHAS_052340	4.46773	3.25866	5.41396	4.9196	4.3811	2.18404	0.82958	0.53876	2.18404	pc	0.4368904	5.413964	pv
PFD1090c	PKH_052650	PVX_090195	PY06451	PBANKA_052350	PCHAS_052370	2.74337	3.48213	3.33371	5.80707	2.88159	3.7263	0.67614	0.3166924	5.80707	py	0.2828368	2.881591	pb
PFD1095w	PKH_052670	PVX_090200	PY06452	PBANKA_052360	PCHAS_052380	5.38031	3.26261	4.43474	5.48433	3.72554	4.67942	0.68686	0.5408714	3.26261	pk	0.6149197	4.434744	pv
PFD1100c	PKH_052680	PVX_090205	PY06453	PBANKA_052370	PCHAS_052390	5.72064	5.69085	5.57886	4.76951	5.71131	5.64221	0.1887	0.0421746	4.76951	py	0.047603	5.711307	pb
PFD1105w	PKH_052690	PVX_090210	PY06454	PBANKA_052380	PCHAS_052400	5.71566	5.85938	5.62365	5.36176	5.45759	5.57957	0.13329	0.1039917	5.85938	pk	0.1189701	5.623652	pv
PFD1110w	PKH_052700	PVX_090215	PY06455	PBANKA_052390	PCHAS_052410	5.38707	5.86164	5.89007	5.27588	5.57371	5.2399	0.2371	0.1839148	5.89007	pv	0.2020951	5.27588	py
PFD1115c	PKH_052710	PVX_090220	PY06456	PBANKA_052400	PCHAS_052420	0.85337	4.99793	3.2931	2.67946	2.84601	2.02723	0.9295	0.651701	4.99793	pk	0.6612164	3.293102	pv
PFE0090w	PKH_103170	PVX_097595	PY03920	PBANKA_110160	PCHAS_110130	4.14507	4.6085	4.75967	3.6462	5.22289	4.65826	0.37351	0.2457982	3.6462	py	0.1660905	5.222888	pb
PFE0120c	PKH_103110	PVX_097625	PY06415	PBANKA_110220	PCHAS_110190	0.84387	1.78617	2.3578	2.22137	1.01295	1.59155	0.48616	0.394934	0.84387	pf	0.4936675	1.786169	pk
PFE0130c	PKH_103080	PVX_097640	PY06025	PBANKA_110240	PCHAS_110210	2.25738	2.86684	3.22569	0.89265	2.71823	2.78316	0.50124	0.2233823	0.89265	py	0.2629976	2.718235	pb
PFE0135w	PKH_103070	PVX_097645	PY04661	PBANKA_110250	PCHAS_110220	1.86151	3.41179	3.08123	5.64788	3.2146	2.2605	0.84517	0.5008756	5.64788	py	0.5927535	3.214598	pb
PFE0145w	PKH_103050	PVX_097655	PY04664	PBANKA_110270	PCHAS_110240	4.81992	3.75867	3.58605	2.73564	3.56531	3.11433	0.45823	0.2989526	4.81992	pf	0.3253484	3.758675	pk
PFE0150c	PKH_103040	PVX_097660	PY04665	PBANKA_110280	PCHAS_110250	3.2244	5.23194	3.7261	5.22492	2.79104	2.66586	0.91695	0.6988253	5.23194	pk	0.7481063	3.726098	pv
PFE0165w	PKH_102980	PVX_097745	PY04700	PBANKA_110310	PCHAS_110280	5.2328	5.59574	4.98162	3.85553	4.2541	4.31515	0.56423	0.4209564	5.59574	pk	0.3595778	4.981617	pv

PFE0170c	PKH_102970	PVX_097750	PY04701	PBANKA_110 320	PCHAS_11029 0	2.60402	5.49424	3.52735	0.20827	3.34879	1.96504	1.26551	0.890506	0.20827	py	1.1131325	3.348791	pb
PFE0175c	PKH_102930	PVX_097755	PY00345	PBANKA_110 330	PCHAS_11030 0	6.09891	6.13416	5.61308	0.31686	0.30431	5.85007	0.29327	0.2477139	5.61308	pv	0.1931688	0.316865	py
PFE0185c	PKH_102920	PVX_097760	PY00344	PBANKA_110 340	PCHAS_11031 0	2.2882	1.7753	2.42622	2.2276	2.53689	2.32187	0.16564	0.0894592	1.7753	pk	0.0857365	2.426217	pv
PFE0190c	PKH_102910	PVX_097765	PY00343	PBANKA_110 350	PCHAS_11032 0	3.24499	2.38762	3.07033	2.95825	2.8444	3.42736	0.25874	0.173941	2.38762	pk	0.2174262	3.070334	pv
PFE0215w	PKH_102860	PVX_097785	PY03841	PBANKA_110 400	PCHAS_11037 0	3.85482	2.46282	2.77938	0.91194	3.30339	2.89194	0.64934	0.3832014	0.91194	py	0.3761408	3.303387	pb
PFE0225w	PKH_102840	PVX_097790	PY03843	PBANKA_110 420	PCHAS_11039 0	5.40642	3.46371	5.01003	4.57009	3.61416	4.33331	0.59589	0.5004488	5.40642	pf	0.4081623	3.463714	pk
PFE0235c	PKH_102820	PVX_097800	PY03845	PBANKA_110 440	PCHAS_11041 0	4.51974	4.87613	4.18335	6.06944	5.15744	5.19975	0.47457	0.33082	6.06944	py	0.3431964	5.157443	pb
PFE0245c	PKH_102800	PVX_097810	PY04880	PBANKA_110 460	PCHAS_11043 0	1.81917	3.14258	2.34177	1.53816	0.65996	2.27147	0.62309	0.4254039	0.65996	pb	0.5317548	2.271467	pc
PFE0255w	PKH_102780	PVX_097820	PY00875	PBANKA_110 480	PCHAS_11045 0	5.59625	0.00065	3.90231	6.23493	2.39534	1.07673	1.09813	0.8290386	2.39534	pb	0.7550516	1.076733	pc
PFE0270c	PKH_102750	PVX_097835	PY02936	PBANKA_110 510	PCHAS_11048 0	3.93407	5.17261	4.57875	5.74354	4.22514	4.9492	0.52123	0.3925212	5.74354	py	0.4022491	4.225145	pb
PFE0300c	PKH_102690	PVX_097860	PY00711	PBANKA_110 570	PCHAS_11054 0	2.17515	1.89373	2.06352	1.1875	0.90388	1.56993	0.41185	0.2962468	0.90388	pb	0.289359	1.569934	pc
PFE0305w	PKH_102680	PVX_097865	PY00712	PBANKA_110 580	PCHAS_11055 0	1.25565	2.17967	2.52027	0.1204	0.56754	0.88032	0.73122	0.5494755	2.52027	pv	0.4968639	0.120398	py
PFE0310c	PKH_102670	PVX_097870	PY00713	PBANKA_110 590	PCHAS_11056 0	3.52766	2.21437	2.98731	1.90469	3.38688	1.88422	0.64976	0.5170546	3.52766	pf	0.6463183	2.214373	pk
PFE0330w	PKH_102620	PVX_097895	PY06258	PBANKA_110 630	PCHAS_11060 0	3.79582	6.05095	4.50731	5.36392	1.31328	4.88156	0.97111	0.6223503	1.31328	pb	0.7779379	4.881562	pc
PFE0335w	PKH_102610	PVX_097900	PY04352	PBANKA_110 640	PCHAS_11061 0	2.06569	1.732	2.5406	0.65291	1.46001	2.78021	0.59026	0.4257601	0.65291	py	0.3807806	1.460007	pb
PFE0340c	PKH_102600	PVX_097905	PY04351	PBANKA_110 650	PCHAS_11062 0	5.43234	2.85876	5.81727	5.37218	6.17772	5.10413	0.68204	0.3037357	2.85876	pk	0.2834379	5.81727	pv
PFE0375w	PKH_102530	PVX_097940	PY05128	PBANKA_110 720	PCHAS_11069 0	0.6811	3.32765	2.32412	5.12408	2.97942	3.592	1.00985	0.6825075	0.6811	pf	0.8531343	3.327654	pk
PFE0380c	PKH_102520	PVX_097945	PY05126	PBANKA_110 730	PCHAS_11070 0	3.06717	5.73571	3.2637	5.89278	2.58241	1.53079	1.2853	1.0086554	5.73571	pk	1.1272993	3.263702	pv
PFE0385w	PKH_102510	PVX_097950	PY02736	PBANKA_110 740	PCHAS_11071 0	0.7438	5.94721	1.75662	2.00278	1.09059	1.75337	0.66906	0.3850023	5.94721	pk	0.4804403	1.756622	pv
PFE0390w	PKH_102500	PVX_097955	PY02737	PBANKA_110 750	PCHAS_11072 0	1.55069	3.94555	1.72171	6.04895	3.06063	1.25016	1.02688	0.8410656	6.04895	py	0.716601	3.060631	pb
PFE0395c	PKH_102490	PVX_097960	PY02738	PBANKA_110 760	PCHAS_11073 0	5.44437	4.28953	4.11737	3.99681	5.19507	5.4323	0.61134	0.4939522	3.99681	py	0.6174402	5.19507	pb
PFE0400w	PKH_102480	PVX_097965	PY02739	PBANKA_110 770	PCHAS_11074 0	5.36009	5.16573	4.69941	5.16419	5.36509	5.6093	0.21752	0.1288927	4.69941	pv	0.11214	5.164188	py

PFE0410w	PKH_102460	PVX_097975	PY00389	PBANKA_110790	PCHAS_110760	3.1955	1.0147	4.93155	5.7048	0.53325	3.46373	1.37139	1.1438087	3.1955	pf	1.0314897	1.0147	pk
PFE0430w	PKH_102420	PVX_097995	PY05239	PBANKA_110830	PCHAS_110800	2.24724	3.01814	2.34719	2.5588	2.69379	2.55156	0.18746	0.1316319	3.01814	pk	0.113448	2.347193	pv
PFE0435c	PKH_102410	PVX_098000	PY05238	PBANKA_110840	PCHAS_110810	4.50973	1.18774	3.70477	3.14456	3.39568	3.20164	0.67938	0.3736615	1.18774	pk	0.3898041	3.704771	pv
PFE0445c	PKH_102390	PVX_098015	PY04299	PBANKA_110860	PCHAS_110830	3.99717	3.97057	4.24569	5.42571	4.44015	3.62537	0.41974	0.217982	5.42571	py	0.1617335	4.44015	pb
PFE0450w	PKH_102380	PVX_098020	PY03258	PBANKA_110870	PCHAS_110840	4.2869	5.18303	5.01298	4.97665	5.30496	5.00684	0.2051	0.1008991	4.2869	pf	0.0836118	5.183026	pk
PFE0465c	PKH_102350	PVX_098025	PY03255	PBANKA_110900	PCHAS_110870	1.60571	1.32786	2.22037	1.85642	2.19837	1.88711	0.25264	0.1913233	1.32786	pk	0.1558379	2.220373	pv
PFE0475w	PKH_102330	PVX_098040	PY03253	PBANKA_110920	PCHAS_110890	3.10313	3.3618	0.81142	2.10735	3.15531	1.71246	0.8315	0.5394617	0.81142	pv	0.4253809	2.107347	py
PFE0480c	PKH_102320	PVX_098045	PY03252	PBANKA_110930	PCHAS_110900	2.95289	3.67546	2.07443	3.15889	0.05431	5.36094	1.18561	0.8018157	0.05431	pb	0.4517595	5.360935	pc
PFE0485w	PKH_102310	PVX_098050	PY04039	PBANKA_110940	PCHAS_110910	0.10117	3.26663	3.45135	0.49415	2.39988	2.82662	1.09157	0.7647914	0.10117	pf	0.845988	3.26663	pk
PFE0490w	PKH_102300	PVX_098055	PY04038	PBANKA_110950	PCHAS_110920	1.71426	4.99096	3.81543	4.26121	3.63255	5.99946	1.0149	0.7084889	1.71426	pf	0.7031732	4.990965	pk
PFE0495w	PKH_102290	PVX_098060	PY04036	PBANKA_110960	PCHAS_110930	4.95094	3.6364	0.13658	5.50054	0.23407	2.36204	1.24803	0.8699376	2.36204	pc	0.6213855	3.636396	pk
PFE0505w	PKH_102270	PVX_098070	PY03899	PBANKA_110980	PCHAS_110950	3.02657	2.32123	2.74973	6.1389	2.28979	2.33001	0.60659	0.2330557	6.1389	py	0.2812644	2.289787	pb
PFE0520c	PKH_102240	PVX_098085	PY05226	PBANKA_111010	PCHAS_110980	3.92444	3.90695	5.6109	2.79629	4.87896	4.94972	0.80198	0.5458447	2.79629	py	0.6823058	4.878964	pb
PFE0545c	PKH_102200	PVX_080685	PY04896	PBANKA_111050	PCHAS_111020	2.82523	2.73844	5.6264	2.78557	3.18513	3.67675	0.68984	0.2675742	5.6264	pv	0.324553	2.785567	py
PFE0555w	PKH_102180	PVX_080675	PY04895	PBANKA_111070	PCHAS_111040	4.81789	5.90152	4.09384	3.58694	5.01608	2.64541	0.90155	0.6473662	2.64541	pc	0.5382989	5.901521	pk
PFE0560c	PKH_102170	PVX_080670	PY04894	PBANKA_111080	PCHAS_111050	3.23091	5.18784	4.94015	2.96992	2.69895	2.43689	0.87552	0.6070452	5.18784	pk	0.26625	4.940149	pv
PFE0625w	PKH_101990	PVX_080610	PY04604	PBANKA_111230	PCHAS_111190	4.13526	2.53406	3.44329	2.76949	3.24291	4.57786	0.60166	0.4550012	4.57786	pc	0.3915385	2.534062	pk
PFE0630c	PKH_101980	PVX_080605	PY04605	PBANKA_111240	PCHAS_111120	2.51756	2.84625	1.79601	2.39947	3.02747	1.78549	0.40172	0.3564617	3.02747	pb	0.2920814	1.785491	pc
PFE0650c	PKH_101940	PVX_080585	PY04625	PBANKA_111280	PCHAS_111240	5.36814	4.69462	5.41393	2.94144	5.25012	5.78186	0.61296	0.2502107	2.94144	py	0.2832586	5.25012	pb
PFE0660c	PKH_101920	PVX_080575	PY04622	PBANKA_111300	PCHAS_111260	3.26577	2.35828	2.37431	0.0468	2.5987	2.21332	0.6034	0.2585755	0.0468	py	0.2671229	2.598701	pb
PFE0675c	PKH_101890	PVX_080560	PY02821	PBANKA_111330	PCHAS_111290	3.88319	5.10066	4.62918	3.0848	5.03948	5.0566	0.59993	0.3289801	3.0848	py	0.4112252	5.039477	pb
PFE0690c	PKH_101870	PVX_080550	PY02819	PBANKA_111350	PCHAS_111310	3.94695	3.13801	3.79382	3.06216	3.47142	4.06844	0.35627	0.2811919	3.06216	py	0.2708906	3.471419	pb

PFE0700c	PKH_101850	PVX_080540	PY02818	PBANKA_111 370	PCHAS_11133 0	6.26093	6.18613	5.42977	6.2108	0.57317	2.48234	0.67602	0.3002767	2.48234	pc	0.180087	5.429768	pv
PFE0705c	PKH_101840	PVX_080535	PY02817	PBANKA_111 380	PCHAS_11134 0	4.46713	5.7214	4.66808	5.68488	4.90171	3.31284	0.64332	0.4542155	3.31284	pc	0.3628466	5.721401	pk
PFE0710w	PKH_101830	PVX_080530	PY01997	PBANKA_111 390	PCHAS_11135 0	3.04033	1.66194	5.67728	1.60522	4.2006	5.31969	1.47784	1.2506259	5.67728	pv	1.2045045	1.60522	py
PFE0715w	PKH_101820	PVX_080525	PY01996	PBANKA_111 400	PCHAS_11136 0	3.49849	2.86904	2.66104	1.87938	4.06699	5.54314	0.94986	0.6050136	5.54314	pc	0.5088513	1.87938	py
PFE0730c	PKH_101800	PVX_080515	PY07185	PBANKA_111 420	PCHAS_11138 0	2.20004	1.31581	1.36608	0.35998	1.22001	2.63353	0.55064	0.4595508	0.35998	py	0.5379219	1.220009	pb
PFE0745w	PKH_101770	PVX_080500	PY03225	PBANKA_111 450	PCHAS_11141 0	2.14711	2.59086	2.69684	2.25078	2.13901	1.43217	0.30337	0.2003166	1.43217	pc	0.1388807	2.696842	pv
PFE0765w	PKH_101740	PVX_080480	PY00334	PBANKA_111 490	PCHAS_11145 0	3.71778	1.80787	3.23116	4.84415	3.11806	2.22925	0.77299	0.582364	4.84415	py	0.7279549	3.118056	pb
PFE0780w	PKH_101710	PVX_080465	PY02013	PBANKA_111 520	PCHAS_11148 0	0.79102	3.73119	0.10865	5.99696	5.87538	2.50722	1.10882	0.7984562	3.73119	pk	0.9980702	0.108647	pv
PFE0785c	PKH_101700	PVX_080460	PY00232	PBANKA_111 530	PCHAS_11149 0	5.32136	5.95063	5.87736	5.12118	5.57439	5.31493	0.27415	0.2031267	5.95063	pk	0.1149084	5.877357	pv
PFE0790c	PKH_101690	PVX_080455	PY00231	PBANKA_111 540	PCHAS_11150 0	2.79197	2.90124	2.10493	5.42709	3.18385	1.9864	0.77148	0.3987516	5.42709	py	0.4004697	3.183845	pb
PFE0795c	PKH_101680	PVX_080450	PY00230	PBANKA_111 550	PCHAS_11151 0	3.83314	4.45818	2.32751	0.98193	4.35224	1.25692	1.3462	1.0451973	0.98193	py	1.1767231	4.352239	pb
PFE0800w	PKH_101670	PVX_080445	PY01634	PBANKA_123 090	PCHAS_12315 0	2.81303	2.94637	2.12421	0.22521	2.22768	1.74509	0.64876	0.378021	0.22521	py	0.4725262	2.227681	pb
PFE0810c	PKH_101660	PVX_080440	PY01636	PBANKA_123 100	PCHAS_12316 0	2.23811	1.95264	2.49466	2.12986	2.64153	1.93584	0.22599	0.1688592	2.64153	pb	0.1625689	1.935842	pc
PFE0815w	PKH_101650	PVX_080435	PY03314	PBANKA_123 110	PCHAS_12317 0	1.73808	2.3104	1.95463	2.59954	2.53967	0.6	0.52615	0.2892999	0.6	pc	0.2893405	2.599541	py
PFE0820c	PKH_101640	PVX_080430	PY03313	PBANKA_123 120	PCHAS_12318 0	4.76614	0.13204	5.11162	4.48885	3.0047	4.22074	0.76312	0.5304652	0.13204	pk	0.5073878	5.11162	pv
PFE0825w	PKH_101630	PVX_080425	PY03312	PBANKA_123 130	PCHAS_12319 0	0.9759	5.28552	0.54987	0.51211	5.68538	5.1595	0.79284	0.6366671	0.9759	pf	0.6958676	5.285516	pk
PFE0830c	PKH_101620	PVX_080420	PY03311	PBANKA_123 140	PCHAS_12320 0	3.6101	2.66542	2.46216	2.67301	4.36537	1.89761	0.60388	0.3846673	4.36537	pb	0.2888808	1.89761	pc
PFE0835w	PKH_101610	PVX_080415	PY03802	PBANKA_123 150	PCHAS_12321 0	6.16319	0.168	1.88908	2.11424	2.59526	1.94906	0.78691	0.5304834	6.16319	pf	0.2178395	0.168002	pk
PFE0840c	PKH_101600	PVX_080410	PY03803	PBANKA_123 160	PCHAS_12322 0	4.82367	5.10455	5.29086	6.1901	0.50195	0.70806	0.79124	0.6094036	0.70806	pc	0.644958	4.82367	pf
PFE0850c	PKH_101580	PVX_080400	PY04344	PBANKA_123 180	PCHAS_12324 0	2.39257	1.44814	2.4868	2.59348	2.98959	3.31161	0.42786	0.2843665	1.44814	pk	0.3287893	2.4868	pv
PFE0870w	PKH_101540	PVX_080380	PY05380	PBANKA_123 220	PCHAS_12328 0	3.38835	3.63946	3.92628	4.41883	2.80289	4.28531	0.46662	0.335264	2.80289	pb	0.3293219	4.285309	pc
PFE0875c	PKH_101530	PVX_080375	PY05379	PBANKA_123 230	PCHAS_12329 0	1.41276	6.00782	0.27449	4.7726	3.67266	1.40795	1.24861	0.9213314	3.67266	pb	0.8682997	1.40795	pc

PFE0885w	PKH_101510	PVX_080365	PY01620	PBANKA_123 250	PCHAS_12331 0	2.09037	0.43265	2.45469	2.47423	2.33246	1.97748	0.46015	0.1722154	0.43265	pk	0.1847109	2.454695	pv
PFE0900w	PKH_101470	PVX_080345	PY01617	PBANKA_123 280	PCHAS_12334 0	1.27406	3.77818	4.21973	5.39238	3.85028	3.78662	0.77059	0.4094618	1.27406	pf	0.4938019	3.778175	pk
PFE0905w	PKH_101460	PVX_080340	PY01616	PBANKA_123 290	PCHAS_12335 0	3.15185	4.22418	3.06402	1.44786	3.51122	3.5188	0.59841	0.3054226	1.44786	py	0.3817782	3.511223	pb
PFE0915c	PKH_101440	PVX_080330	PY02685	PBANKA_123 310	PCHAS_12337 0	3.75526	4.03513	3.57914	0.44871	3.6588	2.50198	0.79706	0.3418542	0.44871	py	0.4273177	3.658799	pb
PFE0925c	PKH_101420	PVX_080320	PY04051	PBANKA_123 330	PCHAS_12339 0	2.46748	5.56367	3.77352	2.16496	2.9799	2.54892	0.85595	0.4241947	5.56367	pk	0.2240939	3.773516	pv
PFE0960w	PKH_101330	PVX_080290	PY06065	PBANKA_123 390	PCHAS_12345 0	4.60077	0.50078	3.95292	3.2589	3.504	3.88377	0.78183	0.3581567	0.50078	pk	0.4304082	3.952918	pv
PFE0965c	PKH_101320	PVX_080285	PY06066	PBANKA_123 400	PCHAS_12346 0	4.65163	5.21824	4.61569	6.25187	3.89834	5.30161	0.60101	0.4011619	6.25187	py	0.3131313	3.898344	pb
PFE0975c	PKH_101300	PVX_080275	PY06213	PBANKA_123 420	PCHAS_12348 0	2.29556	2.91015	2.35581	3.00043	2.78096	2.37089	0.27821	0.2079489	3.00043	py	0.1574172	2.780961	pb
PFE0980c	PKH_101290	PVX_080270	PY04723	PBANKA_123 430	PCHAS_12349 0	2.88576	4.80519	4.54451	1.08798	2.73574	2.29892	1.0188	0.8630074	1.08798	py	1.0412538	2.735735	pb
PFE0990w	PKH_101270	PVX_080260	PY00700	PBANKA_123 450	PCHAS_12351 0	1.5032	0.22745	5.18653	2.45213	5.54534	0.99378	1.09269	0.8662957	2.45213	py	0.8415443	5.545336	pb
PFE0995c	PKH_101260	PVX_080255	PY03310	PBANKA_123 460	PCHAS_12352 0	2.1911	1.1389	2.51019	2.008	2.8473	1.62871	0.46216	0.3441566	1.1389	pk	0.3504232	2.510187	pv
PFE1005w	PKH_101240	PVX_080245	PY02191	PBANKA_123 480	PCHAS_12354 0	2.28146	2.16132	2.49388	2.45865	1.77716	2.03229	0.21054	0.1517842	1.77716	pb	0.1274393	2.032295	pc
PFE1010w	PKH_101230	PVX_080240	PY02192	PBANKA_123 490	PCHAS_12355 0	2.02302	2.9933	1.75281	5.12536	1.77088	1.93774	0.7647	0.2985273	5.12536	py	0.3314441	1.770878	pb
PFE1015c	PKH_101220	PVX_080235	PY04490	PBANKA_123 500	PCHAS_12356 0	2.72697	2.6519	2.81793	1.4109	2.33239	2.29923	0.35904	0.1826533	1.4109	py	0.1484396	2.332391	pb
PFE1020w	PKH_101210	PVX_080230	PY04489	PBANKA_123 510	PCHAS_12357 0	2.67609	2.79366	2.61291	4.78721	3.27903	2.08329	0.58127	0.2752989	4.78721	py	0.1933889	3.27903	pb
PFE1025c	PKH_101200	PVX_080225	PY04488	PBANKA_123 520	PCHAS_12358 0	3.80762	4.49578	3.67792	5.05736	3.7415	4.50372	0.47164	0.3160167	5.05736	py	0.3784907	3.741498	pb
PFE1035c	PKH_101160	PVX_080215	PY04487	PBANKA_123 530	PCHAS_12359 0	1.73259	2.89219	0.85941	6.03203	3.77512	3.43774	1.29345	0.9241725	6.03203	py	0.9344827	3.775121	pb
PFE1050w	PKH_101130	PVX_080200	PY02893	PBANKA_123 560	PCHAS_12362 0	3.89077	2.9664	2.54447	3.25905	3.0565	3.55648	0.35649	0.2609313	3.89077	pf	0.3036395	2.966398	pk
PFE1070c	PKH_101090	PVX_080180	PY03799	PBANKA_123 590	PCHAS_12365 0	1.40782	5.11481	2.84197	1.09025	3.32024	3.12767	1.03711	0.789968	5.11481	pk	0.98746	2.841972	pv
PFE1075c	PKH_101080	PVX_080175	PY00872	PBANKA_123 600	PCHAS_12366 0	3.12209	2.86346	2.82591	3.66856	3.44212	2.75617	0.29787	0.1964262	3.66856	py	0.100868	3.442121	pb
PFE1080w	PKH_101070	PVX_080170	PY00873	PBANKA_123 610	PCHAS_12367 0	2.9562	2.80047	2.19943	2.6172	2.35881	2.35945	0.2427	0.1718869	2.9562	pf	0.104603	2.80047	pk
PFE1085w	PKH_101050	PVX_080160	PY01366	PBANKA_123 630	PCHAS_12369 0	1.99925	2.34166	3.1175	2.82632	2.20393	2.5393	0.32305	0.2324877	3.1175	pv	0.1694461	2.826318	py

PFE1120w	PKH_100980	PVX_080130	PY06434	PBANKA_123 710	PCHAS_12376 0	5.55529	5.38416	5.38957	5.20701	5.11563	6.0295	0.21126	0.1244424	6.0295	pc	0.0884197	5.11563	pb
PFE1125w	PKH_100970	PVX_080125	PY00041	PBANKA_123 720	PCHAS_12377 0	4.50638	3.93332	3.6252	5.39514	3.63573	4.16739	0.47911	0.2825695	5.39514	py	0.2788151	3.63573	pb
PFE1130w	PKH_100960	PVX_080120	PY00042	PBANKA_123 730	PCHAS_12378 0	5.47269	5.76664	5.39956	4.82367	0.0488	5.51687	0.31993	0.2120566	0.0488	pb	0.2540249	5.516873	pc
PFE1140c	PKH_100940	PVX_080110	PY00044	PBANKA_123 750	PCHAS_12380 0	2.42278	2.76277	2.38843	6.28151	3.05938	3.4497	0.74372	0.3395722	6.28151	py	0.3503132	3.059377	pb
PFE1145w	PKH_100930	PVX_080105	PY06948	PBANKA_123 760	PCHAS_12381 0	0.38435	3.38529	3.27273	0.089	6.03338	2.32425	1.45979	1.1515583	3.38529	pk	0.7173511	3.272734	pv
PFE1150w	PKH_100920	PVX_080100	PY00245	PBANKA_123 780	PCHAS_12382 0	0.91885	1.36146	1.75241	2.06859	1.72333	1.51191	0.29202	0.1895273	0.91885	pf	0.1464395	1.361456	pk
PFE1155c	PKH_100910	PVX_080095	PY00244	PBANKA_123 790	PCHAS_12383 0	3.21136	3.9725	0.37825	5.2149	3.88967	4.36325	0.86101	0.4954237	0.37825	pv	0.3086802	5.214901	py
PFE1160w	PKH_100900	PVX_080090	PY00243	PBANKA_123 800	PCHAS_12384 0	2.65367	3.51452	2.67544	1.73151	1.86783	1.01252	0.7053	0.5170153	3.51452	pk	0.4443665	2.675439	pv
PFE1165c	PKH_100890	PVX_080085	PY00242	PBANKA_123 810	PCHAS_12385 0	4.90516	4.18703	4.73029	5.43222	4.86031	4.49887	0.29692	0.2159142	5.43222	py	0.237387	4.860308	pb
PFE1170w	PKH_100880	PVX_080080	PY03711	PBANKA_123 820	PCHAS_12386 0	5.38638	0.46874	5.11715	2.58608	1.41679	3.12367	1.45344	1.2422177	2.58608	py	0.9743731	1.416793	pb
PFE1175w	PKH_100860	PVX_080070	PY03712	PBANKA_123 840	PCHAS_12388 0	4.25255	4.87166	5.60956	4.81788	4.61422	4.84928	0.27431	0.1708323	5.60956	pv	0.2135404	4.817884	py
PFE1185w	PKH_100840	PVX_080060	PY04720	PBANKA_123 860	PCHAS_12390 0	1.02177	1.57947	2.29876	0.22442	5.04438	0.58864	0.88763	0.6130352	5.04438	pb	0.6580103	0.58864	pc
PFE1195w	PKH_100820	PVX_080050	PY00155	PBANKA_123 880	PCHAS_12392 0	2.25585	1.29154	2.45797	1.65639	1.30258	2.21938	0.44712	0.3762218	2.45797	pv	0.4702773	1.656386	py
PFE1210c	PKH_100790	PVX_080035	PY00157	PBANKA_123 910	PCHAS_12395 0	2.45829	2.54355	2.8948	0.23643	2.71912	1.87065	0.59869	0.2569982	0.23643	py	0.2773537	2.719124	pb
PFE1230c	PKH_100750	PVX_080015	PY06872	PBANKA_123 950	PCHAS_12399 0	2.45854	2.15944	2.06889	2.5605	3.03078	0.82127	0.50004	0.2725893	0.82127	pc	0.1976766	3.030783	pb
PFE1240w	PKH_100720	PVX_080000	PY05984	PBANKA_123 970	PCHAS_12401 0	1.85465	1.56464	1.53851	2.08037	1.27318	1.47303	0.20249	0.1346171	2.08037	py	0.1019376	1.273178	pb
PFE1245w	PKH_100710	PVX_079995	PY06412	PBANKA_123 980	PCHAS_12402 0	2.64873	1.18659	3.92727	0.40045	1.48516	1.67196	0.86263	0.5467307	3.92727	pv	0.4122359	0.400446	py
PFE1250w	PKH_100700	PVX_079990	PY01239	PBANKA_123 990	PCHAS_12403 0	5.53779	6.00942	2.7172	3.97897	3.1432	1.93197	1.28897	0.9735164	6.00942	pk	1.1103954	2.717199	pv
PFE1260c	PKH_100680	PVX_079980	PY06789	PBANKA_124 010	PCHAS_12405 0	6.09871	5.94032	6.11227	0.04176	6.00326	6.02037	0.09533	0.0534796	0.04176	py	0.0625732	6.003264	pb
PFE1270c	PKH_100660	PVX_079970	PY02111	PBANKA_124 030	PCHAS_12407 0	1.84724	0.41117	2.25097	1.54113	1.32508	3.50653	0.72123	0.4723915	3.50653	pc	0.3079995	0.411173	pk
PFE1280w	PKH_100640	PVX_079960	PY03649	PBANKA_124 050	PCHAS_12409 0	4.61108	3.31097	3.7616	4.95624	3.38322	5.29528	0.73447	0.5746252	5.29528	pc	0.6056251	3.310972	pk
PFE1285w	PKH_100630	PVX_079955	PY03650	PBANKA_124 060	PCHAS_12410 0	6.02358	0.12723	5.8745	5.43204	5.79787	5.9776	0.21787	0.1542547	0.12723	pk	0.1928183	5.874499	pv

PFE1290w	PKH_100620	PVX_079950	PY06724	PBANKA_124070	PCHAS_124110	1.20826	0.4427	0.29023	6.25724	1.18158	5.69657	0.52581	0.4251105	5.69657	pc	0.3399985	1.208257	pf
PFE1300w	PKH_100600	PVX_079940	PY03865	PBANKA_124090	PCHAS_124130	3.48052	3.61391	2.28192	6.13731	2.73105	2.36154	0.88798	0.4901931	6.13731	py	0.6127414	2.731048	pb
PFE1305c-a	PKH_100590	PVX_079935	PY03864	PBANKA_124100	PCHAS_124140	4.62746	3.94917	3.76272	0.92741	2.25976	1.78817	1.22734	0.9057402	0.92741	py	0.7564353	2.259759	pb
PFE1310c	PKH_100580	PVX_079930	PY03863	PBANKA_124110	PCHAS_124150	1.52959	0.02556	3.36458	5.84085	4.72332	5.47468	1.06663	0.8123388	1.52959	pf	0.8069077	0.025557	pk
PFE1320w	PKH_100560	PVX_079920	PY07355	PBANKA_124130	PCHAS_124170	1.7393	3.20801	2.89004	0.84359	4.35398	1.87563	0.99892	0.7030318	4.35398	pb	0.8787898	1.875631	pc
PFE1330c	PKH_100530	PVX_079905	PY03733	PBANKA_124150	PCHAS_124190	3.66885	3.14655	3.54012	1.42539	3.39146	3.03658	0.49865	0.2051684	1.42539	py	0.2564605	3.39146	pb
PFE1340w	PKH_100510	PVX_079895	PY03735	PBANKA_124170	PCHAS_124210	1.82105	4.7606	4.59932	2.2308	3.80249	2.61794	1.0821	0.9022351	1.82105	pf	0.8882674	4.760601	pk
PFE1345c	PKH_100500	PVX_079890	PY03736	PBANKA_124180	PCHAS_124220	4.37089	4.88415	5.1555	4.76397	5.16824	4.82111	0.20865	0.1477292	4.37089	pf	0.1846615	4.884152	pk
PFE1355c	PKH_100480	PVX_079880	PY03738	PBANKA_124200	PCHAS_124240	3.74215	3.73854	5.97398	3.12231	3.27734	3.6209	0.57235	0.2162076	5.97398	pv	0.1456113	3.12231	py
PFE1370w	PKH_100450	PVX_079865	PY00398	PBANKA_124230	PCHAS_124270	2.8503	3.16547	2.59699	2.64949	2.6195	1.51889	0.32165	0.1598553	1.51889	pc	0.0708243	3.165469	pk
PFE1390w	PKH_100430	PVX_079855	PY01284	PBANKA_124250	PCHAS_124290	1.82856	3.79457	1.76651	2.27276	2.39674	1.3446	0.5874	0.3116775	3.79457	pk	0.3740831	1.766506	pv
PFE1395c	PKH_100420	PVX_079850	PY01283	PBANKA_124260	PCHAS_124300	3.63129	3.74245	3.57359	2.08728	3.46172	0.99999	0.73306	0.3649489	0.99999	pc	0.0846097	2.087285	py
PFE1400c	PKH_100410	PVX_079845	PY01282	PBANKA_124270	PCHAS_124310	1.5335	3.97658	4.22337	3.01695	2.39392	1.93353	0.89266	0.7053015	4.22337	pv	0.7258686	3.016952	py
PFE1405c	PKH_100400	PVX_079840	PY01281	PBANKA_124280	PCHAS_124320	2.1977	1.62913	2.39257	1.18642	2.2343	2.57775	0.36523	0.2286961	1.18642	py	0.2858701	2.234303	pb
PFE1410c	PKH_100390	PVX_079835	PY01280	PBANKA_124290	PCHAS_124330	5.98631	5.93477	5.74563	6.07022	0.53503	5.5211	0.27887	0.1579586	0.53503	pb	0.0940302	5.521102	pc
PFE1415w	PKH_100380	PVX_079830	PY06597	PBANKA_124300	PCHAS_124340	5.78225	5.75927	6.0659	4.79911	5.75003	5.18975	0.31142	0.1816729	4.79911	py	0.2247813	5.750034	pb
PFE1425c	PKH_100360	PVX_079820	PY00692	PBANKA_124320	PCHAS_124360	1.75392	1.59498	0.90219	1.78464	6.25718	1.36631	0.48184	0.2540144	6.25718	pb	0.2603519	1.366312	pc
PFE1430c	PKH_100350	PVX_079815	PY00693	PBANKA_124330	PCHAS_124370	1.79172	3.49854	1.74932	5.69128	2.59725	3.20187	1.04223	0.6318741	5.69128	py	0.7898427	2.59725	pb
PFE1435c	PKH_100340	PVX_079810	PY00694	PBANKA_124340	PCHAS_124380	1.67585	1.46378	1.87475	1.07601	1.23838	1.72715	0.24993	0.1799498	1.07601	py	0.1155684	1.238376	pb
PFE1445c	PKH_100320	PVX_079800	PY00695	PBANKA_124360	PCHAS_124400	0.39256	0.5091	4.88229	1.72189	1.58852	3.35538	1.19417	0.8351211	4.88229	pv	1.0105595	1.72189	py
PFE1450c	PKH_100310	PVX_079795	PY00696	PBANKA_124370	PCHAS_124410	3.83274	2.96635	2.71947	5.7009	3.08833	3.30505	0.67742	0.2903943	5.7009	py	0.3629929	3.088334	pb
PFE1460w	PKH_100300	PVX_079790	PY00697	PBANKA_124380	PCHAS_124420	3.60488	2.55045	2.74756	5.29942	3.2224	2.69632	0.68873	0.3161025	5.29942	py	0.2764184	3.222402	pb

PFE1470w	PKH_100280	PVX_079780	PY02784	PBANKA_124 400	PCHAS_12444 0	2.54901	3.08575	2.6607	2.0451	3.0436	1.46889	0.45451	0.307048	1.46889	pc	0.229911	2.045104	py
PFE1480c	PKH_100270	PVX_079775	PY05156	PBANKA_124 410	PCHAS_12445 0	3.29912	3.35282	2.58828	3.03085	2.59468	1.70622	0.4656	0.2937952	1.70622	pc	0.2867506	3.35282	pk
PFE1490c	PKH_100250	PVX_079770	PY05158	PBANKA_124 430	PCHAS_12447 0	0.37076	5.60683	5.25185	0.03769	1.24334	0.0337	0.5543	0.4232289	1.24334	pb	0.5290362	0.033701	pc
PFE1505w	PKH_100190	PVX_079760	PY01811	PBANKA_124 450	PCHAS_12449 0	0.02573	6.25973	1.356	2.61291	1.10887	1.10536	0.66169	0.4925177	2.61291	py	0.6147707	1.108865	pb
PFE1510c	PKH_100180	PVX_079755	PY01812	PBANKA_124 460	PCHAS_12450 0	4.22785	4.63009	3.72921	5.48634	2.66587	2.95916	0.83167	0.6465829	5.48634	py	0.5423918	2.665867	pb
PFE1515w	PKH_100170	PVX_079750	PY01813	PBANKA_124 470	PCHAS_12451 0	5.15719	5.81832	5.18506	1.86352	5.26404	5.58315	0.65698	0.2118439	1.86352	py	0.2648048	5.264037	pb
PFE1520c	PKH_100160	PVX_079745	PY01814	PBANKA_124 480	PCHAS_12452 0	2.81771	3.55014	4.40844	3.89123	2.94558	1.97794	0.68476	0.5072755	1.97794	pc	0.4195188	4.408442	pv
PFE1530c	PKH_100140	PVX_079735	PY02808	PBANKA_124 500	PCHAS_12454 0	2.00666	5.25903	2.25209	1.09601	2.38375	1.77174	0.79982	0.3536151	5.25903	pk	0.3806634	2.252085	pv
PFE1545c	PKH_100110	PVX_079720	PY01292	PBANKA_124 530	PCHAS_12457 0	5.37052	5.72401	5.55252	4.7353	5.3508	0.08351	0.36443	0.2380857	0.08351	pc	0.1388001	4.735295	py
PFE1565w	PKH_100070	PVX_079700	PY02967	PBANKA_124 570	PCHAS_12461 0	4.90728	4.14707	5.42256	3.83946	2.81242	3.72433	0.68345	0.55321	2.81242	pb	0.5858289	3.724334	pc
PFE1570c	PKH_100060	PVX_079695	PY02965	PBANKA_124 580	PCHAS_12462 0	1.75732	2.30884	1.12529	6.16568	0.85344	1.962	0.69449	0.4584221	6.16568	py	0.3470562	0.853438	pb
PFF0095c	PKH_114790	PVX_113265	PY02270	PBANKA_010 080	PCHAS_01015 0	0.23282	3.84929	6.01448	1.65676	0.06271	1.76868	1.04969	0.7262887	3.84929	pk	0.7824788	6.014478	pv
PFF0100w	PKH_114780	PVX_113270	PY01861	PBANKA_010 090	PCHAS_01016 0	2.04768	2.59032	2.33533	2.03902	0.69049	1.48852	0.45922	0.2796206	0.69049	pb	0.2097372	1.488525	pc
PFF0105w	PKH_114770	PVX_113275	PY01862	PBANKA_010 100	PCHAS_01017 0	2.35399	2.4419	0.67019	1.84374	3.10638	2.24131	0.5245	0.2926457	0.67019	pv	0.2382448	1.843737	py
PFF0120w	PKH_114740	PVX_113290	PY07078	PBANKA_010 130	PCHAS_01020 0	2.67443	2.89665	2.57785	1.08785	2.87969	3.43539	0.4786	0.2159537	1.08785	py	0.2699422	2.879694	pb
PFF0125c	PKH_114730	PVX_113295	PY00220	PBANKA_010 140	PCHAS_01021 0	1.61634	0.05685	3.38591	1.84216	1.7034	2.30502	0.69275	0.4742361	0.05685	pk	0.2068579	3.385906	pv
PFF0130c	PKH_114720	PVX_113300	PY00219	PBANKA_010 150	PCHAS_01022 0	1.37504	3.81276	0.67809	1.91045	1.52497	0.57029	0.77079	0.4374064	3.81276	pk	0.3725198	0.678089	pv
PFF0135w	PKH_114710	PVX_113305	PY00218	PBANKA_010 160	PCHAS_01023 0	1.33561	1.6973	2.58175	2.28085	2.31878	1.93411	0.36906	0.2538251	1.33561	pf	0.1713942	1.697303	pk
PFF0145w	PKH_114690	PVX_113315	PY00216	PBANKA_010 180	PCHAS_01025 0	0.19045	3.56281	6.18409	2.17226	1.27189	1.38269	0.95909	0.6927184	3.56281	pk	0.5231536	6.184093	pv
PFF0150c	PKH_114680	PVX_113320	PY00215	PBANKA_010 190	PCHAS_01026 0	3.91588	0.5542	2.96602	5.35948	2.79575	3.21255	1.02866	0.7027174	0.5542	pk	0.8167623	2.966017	pv
PFF0155w	PKH_114670	PVX_113325	PY02578	PBANKA_010 200	PCHAS_01027 0	3.5599	2.5878	2.44666	3.74864	3.5883	2.91143	0.49183	0.3675435	2.44666	pv	0.4122435	3.748642	py
PFF0160c	PKH_114660	PVX_113330	PY02580	PBANKA_010 210	PCHAS_01028 0	2.48274	3.13099	2.57269	2.15377	1.89384	1.08922	0.50827	0.3312147	1.08922	pc	0.2519559	3.130987	pk

PFF0165c	PKH_114650	PVX_113335	PY02581	PBANKA_010220	PCHAS_010290	2.6647	3.0274	2.15001	2.21994	1.45033	2.0656	0.37435	0.2952989	1.45033	pb	0.3305376	2.065599	pc
PFF0170w	PKH_114640	PVX_113340	PY00061	PBANKA_010230	PCHAS_010300	4.4496	2.70828	3.03594	5.11689	0.98805	4.42027	1.11221	0.7644539	0.98805	pb	0.9555674	4.420267	pc
PFF0180w	PKH_114620	PVX_113350	PY04422	PBANKA_010250	PCHAS_010320	3.58155	2.78792	3.19147	5.17155	3.24506	2.54343	0.57922	0.299051	5.17155	py	0.3604158	3.245057	pb
PFF0190c	PKH_114600	PVX_113360	PY03251	PBANKA_010270	PCHAS_010340	0.8653	6.19021	0.15924	0.81702	5.98623	5.312	0.53378	0.4144489	5.312	pc	0.3415476	0.865297	pf
PFF0205w	PKH_114540	PVX_113375	PY05526	PBANKA_010300	PCHAS_010370	3.57049	3.32857	3.83596	5.36425	3.89308	3.25516	0.48985	0.2290634	5.36425	py	0.2056821	3.893081	pb
PFF0220w	PKH_114510	PVX_113390	PY04822	PBANKA_010330	PCHAS_010400	1.17104	0.45873	1.6034	2.21497	1.68046	1.9647	0.43783	0.2810463	0.45873	pk	0.3320429	1.603399	pv
PFF0230c	PKH_114490	PVX_113400	PY04823	PBANKA_010340	PCHAS_010410	4.18724	4.58673	3.90668	4.55024	3.02104	4.25035	0.37872	0.2086088	3.02104	pb	0.260761	4.25035	pc
PFF0240c	PKH_114470	PVX_113410	PY03727	PBANKA_010370	PCHAS_010430	3.34184	2.55771	0.36728	5.40889	2.8907	3.77277	1.11797	0.7466496	0.36728	pv	0.4165492	5.408894	py
PFF0250w	PKH_114450	PVX_113420	PY04901	PBANKA_010390	PCHAS_010450	1.12413	2.36311	2.57848	2.56461	0.75418	4.9183	0.97	0.6529579	4.9183	pc	0.4139632	0.754176	pb
PFF0260w	PKH_114430	PVX_113435	PY05614	PBANKA_010410	PCHAS_010470	4.4992	4.38417	5.72228	5.31218	5.36425	4.61016	0.4842	0.3586112	5.72228	pv	0.272759	5.312183	py
PFF0285c	PKH_114340	PVX_113460	PY00626	PBANKA_010460	PCHAS_010520	3.82857	4.98184	5.01586	4.53865	4.84397	3.06542	0.56817	0.3260975	3.06542	pc	0.153771	3.828568	pf
PFF0295c	PKH_114320	PVX_113470	PY07550	PBANKA_010480	PCHAS_010540	0.64552	0.4099	6.00087	0.66869	0.38515	0.9745	0.29599	0.1696261	6.00087	pv	0.2062411	0.668687	py
PFF0300w	PKH_114310	PVX_113475	PY03159	PBANKA_010490	PCHAS_010550	1.3798	2.0864	2.48964	1.54746	2.82559	2.34082	0.4404	0.3362734	1.3798	pf	0.3567385	2.086402	pk
PFF0305c	PKH_114300	PVX_113480	PY03157	PBANKA_010500	PCHAS_010560	5.75376	4.9744	2.91759	4.90353	4.81777	5.91458	0.66731	0.3894048	2.91759	pv	0.4690402	4.903533	py
PFF0315c	PKH_114280	PVX_113490	PY01049	PBANKA_010510	PCHAS_010570	0.66829	4.67542	0.25555	5.88897	0.50684	0.2908	0.53539	0.2627592	4.67542	pk	0.3196353	0.255548	pv
PFF0320c	PKH_114270	PVX_113495	PY01048	PBANKA_010520	PCHAS_010580	1.45694	2.55865	2.21534	2.50507	1.03755	3.06614	0.57	0.3905016	1.03755	pb	0.3478595	3.066139	pc
PFF0325c	PKH_114260	PVX_113500	PY01046	PBANKA_010530	PCHAS_010590	1.36619	2.54953	2.38785	6.19794	1.46379	2.0528	0.70758	0.4214815	6.19794	py	0.3795976	1.463787	pb
PFF0330w	PKH_114250	PVX_113505	PY01045	PBANKA_010540	PCHAS_010600	3.78099	0.03931	3.29738	1.07479	2.57723	0.70929	1.30537	1.0252016	3.78099	pf	1.0226335	0.039315	pk
PFF0340c	PKH_114240	PVX_113510	PY00223	PBANKA_010550	PCHAS_010610	2.51937	1.89363	2.70849	6.13607	3.25563	2.13851	0.76641	0.3863959	6.13607	py	0.2989313	3.255629	pb
PFF0345w	PKH_114230	PVX_113515	PY05837	PBANKA_010560	PCHAS_010620	2.42265	0.09806	2.76036	2.68932	1.92578	1.9857	0.6438	0.3076386	0.09806	pk	0.3001216	2.760357	pv
PFF0355c	PKH_114210	PVX_113525	PY00652	PBANKA_010580	PCHAS_010640	2.09842	3.59778	3.56976	6.22786	4.1068	3.23359	0.83845	0.4745152	6.22786	py	0.4588837	4.106803	pb
PFF0365c	PKH_114190	PVX_113535	PY02530	PBANKA_010600	PCHAS_010660	3.22728	3.71474	3.08889	0.12896	4.52548	4.17293	0.84661	0.4764487	0.12896	py	0.3928775	4.525475	pb

PFF0370w	PKH_114180	PVX_113540	PY01399	PBANKA_010610	PCHAS_010670	2.00531	4.53402	3.01258	5.17258	3.98992	3.46771	0.86849	0.6452618	2.00531	pf	0.6705522	4.534016	pk
PFF0375c	PKH_114170	PVX_113545	PY01398	PBANKA_010620	PCHAS_010680	4.70947	4.98335	5.63297	4.39558	2.52586	3.01963	0.89745	0.6402212	2.52586	pb	0.3778179	3.019631	pc
PFF0385c	PKH_114150	PVX_113555	PY04853	PBANKA_010640	PCHAS_010700	5.81916	2.20749	3.47217	5.61611	3.92961	2.16504	1.25336	1.034639	5.81916	pf	0.9771275	2.207485	pk
PFF0390w	PKH_114140	PVX_113560	PY04852	PBANKA_010650	PCHAS_010710	1.59686	1.51704	3.4504	4.45949	3.03307	2.93354	0.81592	0.673916	4.45949	py	0.8175118	3.033074	pb
PFF0415c	PKH_114080	PVX_113580	PY03035	PBANKA_010700	PCHAS_010760	4.35736	4.55853	4.40006	5.46109	4.6509	4.42534	0.24796	0.0904011	5.46109	py	0.0566122	4.650899	pb
PFF0420c	PKH_114070	PVX_113585	PY03034	PBANKA_010710	PCHAS_010770	3.58126	3.9442	3.36775	4.08107	3.50583	3.70085	0.21188	0.1542943	4.08107	py	0.1740115	3.505833	pb
PFF0435w	PKH_114040	PVX_113600	PY00104	PBANKA_010740	PCHAS_010800	3.4809	2.46501	2.22255	3.79589	3.34215	2.05742	0.64566	0.5086157	3.79589	py	0.4164852	3.342153	pb
PFF0440w	PKH_114030	PVX_113605	PY00105	PBANKA_010750	PCHAS_010810	4.61783	3.85608	4.82141	3.49988	3.40226	2.29472	0.68308	0.5074219	2.29472	pc	0.3929435	4.821412	pv
PFF0450c	PKH_114010	PVX_113615	PY01325	PBANKA_010770	PCHAS_010830	1.02447	4.12788	6.02523	1.62854	1.08766	2.91086	1.13552	0.754579	4.12788	pk	0.6068188	6.02523	pv
PFF0495w	PKH_113900	PVX_113650	PY04391	PBANKA_010850	PCHAS_010910	3.94005	3.20784	2.98741	2.95614	2.93192	2.72433	0.25382	0.1078013	3.94005	pf	0.0718251	3.207843	pk
PFF0500c	PKH_113890	PVX_113655	PY04392	PBANKA_010860	PCHAS_010920	2.24925	1.92959	2.79495	2.16977	3.24943	1.82816	0.39435	0.2572912	3.24943	pb	0.2362104	1.828159	pc
PFF0515c	PKH_113860	PVX_113670	PY00497	PBANKA_010890	PCHAS_010950	2.23942	2.54431	2.50484	6.00051	2.99082	4.00038	0.84566	0.44939	6.00051	py	0.4501091	2.990825	pb
PFF0530w	PKH_113840	PVX_113675	PY03111	PBANKA_010910	PCHAS_010970	1.85983	1.65277	3.83671	2.03504	3.3266	3.42203	0.83962	0.6472076	3.83671	pv	0.8090095	2.035039	py
PFF0535c	PKH_113830	PVX_113680	PY03112	PBANKA_010920	PCHAS_010980	1.50567	1.52202	4.93404	2.20793	0.81275	2.07366	0.80572	0.3926331	4.93404	pv	0.3193136	2.207927	py
PFF0540c	PKH_113820	PVX_113685	PY03114	PBANKA_010930	PCHAS_010990	4.48514	2.76498	5.23633	4.86596	4.01583	5.68531	0.75361	0.4841341	2.76498	pk	0.5125753	5.236329	pv
PFF0545c	PKH_113810	PVX_113690	PY03115	PBANKA_010940	PCHAS_011000	4.70478	5.42396	4.89702	3.95555	3.79258	4.69781	0.42997	0.370733	5.42396	pk	0.4136155	4.897015	pv
PFF0550w	PKH_113800	PVX_113695	PY03117	PBANKA_010950	PCHAS_011010	3.78403	3.25228	3.21987	3.92766	3.37767	3.72182	0.26395	0.20674	3.92766	py	0.258425	3.377674	pb
PFF0555w	PKH_113790	PVX_113705	PY03118	PBANKA_010960	PCHAS_011020	3.92581	3.29043	3.65437	2.08334	3.8393	4.16812	0.48418	0.2298249	2.08334	py	0.2872812	3.8393	pb
PFF0560c	PKH_113780	PVX_113710	PY03119	PBANKA_010970	PCHAS_011030	2.56083	3.10688	2.58738	2.55392	3.65573	1.6703	0.42749	0.3295723	1.6703	pc	0.1448779	3.65573	pb
PFF0570c	PKH_113720	PVX_113725	PY02915	PBANKA_010990	PCHAS_011050	5.28664	5.32516	0.12134	4.76752	5.45876	5.68805	0.362	0.2185282	0.12134	pv	0.1337512	4.767519	py
PFF0595c	PKH_113660	PVX_113755	PY03350	PBANKA_011050	PCHAS_011110	5.10869	5.46241	5.72755	6.13701	5.37736	6.00724	0.32056	0.2608979	5.10869	pf	0.2598377	5.462409	pk
PFF0605c	PKH_113640	PVX_113765	PY03102	PBANKA_011080	PCHAS_011140	0.34393	4.43674	0.61886	0.66848	0.38147	3.95426	0.91671	0.5579717	3.95426	pc	0.1404842	4.436737	pk

PFF0610c	PKH_113630	PVX_113770	PY03101	PBANKA_011090	PCHAS_011150	5.61786	3.52306	2.82262	2.51423	1.25788	1.51998	1.11191	0.7135638	5.61786	pf	0.6397486	3.523058	pk
PFF0615c	PKH_113620	PVX_113775	PY03100	PBANKA_011100	PCHAS_011160	5.49023	0.0071	5.46659	5.39135	5.40522	5.58028	0.18294	0.0547896	0.0071	pk	0.068487	5.466595	pv
PFF0620c	PKH_113610	PVX_113780	PY03099	PBANKA_011110	PCHAS_011170	1.74611	0.94417	1.04084	2.64496	0.25473	6.26714	0.70818	0.5096531	2.64496	py	0.4647075	0.254732	pb
PFF0625w	PKH_113600	PVX_113785	PY03098	PBANKA_011120	PCHAS_011180	1.988	1.68296	2.52293	1.84771	0.83299	1.52679	0.38599	0.2602377	0.83299	pb	0.2450655	1.526785	pc
PFF0635w	PKH_113580	PVX_113795	PY04882	PBANKA_011140	PCHAS_011200	0.2223	5.12714	4.26921	6.11195	4.09047	5.80302	0.82227	0.6442171	4.09047	pb	0.8052714	5.803024	pc
PFF0645c	PKH_113570	PVX_113800	PY04881	PBANKA_011160	PCHAS_011220	5.76105	5.87345	5.54487	5.79616	5.85682	5.65758	0.09382	0.0623274	5.54487	pv	0.0779092	5.796163	py
PFF0650w	PKH_113560	PVX_113805	PY01671	PBANKA_011170	PCHAS_011230	4.75318	5.85041	3.96324	4.84066	4.44365	3.97155	0.51097	0.3318116	5.85041	pk	0.2946606	3.963238	pv
PFF0655c	PKH_113550	PVX_113810	PY01672	PBANKA_011180	PCHAS_011240	2.93421	0.59708	2.95496	5.42533	3.18043	2.11257	0.98614	0.6851469	5.42533	py	0.7948778	3.180431	pb
PFF0665c	PKH_113530	PVX_113820	PY05107	PBANKA_011200	PCHAS_011260	4.04335	3.04089	2.38329	0.99698	3.78581	0.87462	1.10253	0.8897778	0.87462	pc	0.6012438	0.996976	py
PFF0675c	PKH_113510	PVX_113830	PY01085	PBANKA_011220	PCHAS_011280	5.9434	6.24612	5.75364	5.68329	5.92565	6.10651	0.15558	0.1225977	6.24612	pk	0.1102443	5.753636	pv
PFF0690c	PKH_113470	PVX_113850	PY00646	PBANKA_011250	PCHAS_011310	3.62175	0.24872	1.35003	6.04039	0.32271	0.05949	0.79437	0.3712075	3.62175	pf	0.4640094	0.248722	pk
PFF0715c	PKH_113420	PVX_113875	PY05677	PBANKA_122950	PCHAS_123020	3.11218	1.78877	3.28453	6.07794	2.11545	1.11252	0.96935	0.6990855	6.07794	py	0.8738569	2.115449	pb
PFF0765c	PKH_113320	PVX_113925	PY07542	PBANKA_123060	PCHAS_123120	4.05462	2.47729	3.84331	3.5329	3.78505	2.23813	0.57244	0.377546	2.23813	pc	0.1449922	2.477291	pk
PFF0770c	PKH_113310	PVX_113930	PY03433	PBANKA_123070	PCHAS_123130	4.64456	3.95663	2.93125	5.93759	2.52221	2.66118	1.07069	0.6835583	5.93759	py	0.7521892	2.522213	pb
PFF0775w	PKH_113300	PVX_113935	PY01633	PBANKA_123080	PCHAS_123140	2.5221	2.8735	1.3365	1.85371	3.28793	2.28122	0.53535	0.4052991	1.3365	pv	0.3395263	1.85371	py
PFF0785w	PKH_113280	PVX_113945	PY01957	PBANKA_111570	PCHAS_111530	4.50769	5.2704	5.14819	5.34458	5.26715	5.03255	0.19895	0.0868474	4.50769	pf	0.1077462	5.270402	pk
PFF0790c	PKH_113270	PVX_113950	PY01959	PBANKA_111580	PCHAS_111540	1.97542	3.00412	4.87435	1.40582	4.3929	1.072	1.30302	0.9838411	4.87435	pv	1.087399	1.405815	py
PFF0795w	PKH_113260	PVX_113955	PY01960	PBANKA_111590	PCHAS_111550	2.41383	3.52255	3.9481	4.33367	6.02239	5.23621	0.9513	0.7575899	2.41383	pf	0.7442058	3.522548	pk
PFF0805c	PKH_113240	PVX_113970	PY01500	PBANKA_111610	PCHAS_111570	4.29597	3.95266	5.96553	4.90215	3.35443	4.12014	0.62274	0.3782058	5.96553	pv	0.2772555	4.90215	py
PFF0825c	PKH_113200	PVX_113990	PY05229	PBANKA_111650	PCHAS_111610	2.36491	2.34266	2.03891	1.90253	2.42242	3.87874	0.397	0.1691796	3.87874	pc	0.1014422	1.902528	py
PFF0840w	PKH_113170	PVX_114010	PY05077	PBANKA_111690	PCHAS_111640	5.24823	5.43584	4.96912	6.16643	5.27287	4.82034	0.30624	0.1838488	6.16643	py	0.2236531	5.272865	pb
PFF0870w	PKH_113140	PVX_114025	PY05072	PBANKA_111720	PCHAS_111670	5.75098	6.02722	2.75895	1.58878	5.6019	5.9309	0.94292	0.509262	2.75895	pv	0.1513109	1.588784	py

PFF0875w	PKH_113130	PVX_114030	PY05071	PBANKA_111 730	PCHAS_11168 0	5.29343	1.66271	2.76399	4.71062	3.94403	2.53699	1.16406	0.9406134	1.66271	pk	0.8807561	2.763986	pv
PFF0895w	PKH_113090	PVX_114050	PY03376	PBANKA_111 770	PCHAS_11172 0	5.04979	3.42745	4.75609	4.34949	4.42236	4.35119	0.35002	0.2210398	3.42745	pk	0.192868	4.756091	pv
PFF0905w	PKH_113070	PVX_114060	PY03378	PBANKA_111 790	PCHAS_11174 0	3.12156	2.91835	2.63522	3.06746	2.59909	3.64304	0.2799	0.1909427	3.64304	pc	0.1588618	2.599089	pb
PFF0910c	PKH_113060	PVX_114065	PY03379	PBANKA_111 800	PCHAS_11175 0	3.78186	1.7583	2.55443	0.56415	1.3135	2.39903	0.84989	0.61516	3.78186	pf	0.76895	1.758299	pk
PFF0915w	PKH_113050	PVX_114070	PY03381	PBANKA_111 810	PCHAS_11176 0	4.77724	4.24703	4.66494	3.5419	4.0299	5.48063	0.51733	0.3740768	5.48063	pc	0.2913131	3.541897	py
PFF0945c	PKH_112980	PVX_114100	PY05696	PBANKA_111 870	PCHAS_11182 0	2.6218	2.65583	3.02168	0.1773	3.16008	1.7683	0.7117	0.3583326	0.1773	py	0.3218517	3.160084	pb
PFF0950w	PKH_112970	PVX_114105	PY05697	PBANKA_111 880	PCHAS_11183 0	3.06244	3.08732	4.51213	6.27093	5.05097	2.02881	1.2619	0.8943677	6.27093	py	0.6270489	5.050966	pb
PFF0960c	PKH_112960	PVX_114110	PY07222	PBANKA_111 890	PCHAS_11184 0	4.42964	2.36131	5.24707	3.86714	2.75993	4.24434	0.82211	0.6099284	2.36131	pk	0.5117271	5.247075	pv
PFF0970w	PKH_112940	PVX_114120	PY03246	PBANKA_111 910	PCHAS_11186 0	0.65701	2.77492	1.96963	2.6358	3.76017	5.44056	1.11887	0.7816877	5.44056	pc	0.4824127	0.657014	pf
PFF0980w	PKH_112920	PVX_114130	PY03244	PBANKA_111 930	PCHAS_11188 0	4.63883	3.42689	4.42007	5.49229	4.27679	4.53862	0.42433	0.2868518	3.42689	pk	0.3289269	4.420073	pv
PFF0995c	PKH_112880	PVX_114145	PY04226	PBANKA_111 960	PCHAS_11191 0	5.89291	6.13371	5.4576	0.00398	5.67688	5.49587	0.28057	0.2146318	0.00398	py	0.2682898	5.676875	pb
PFF1000w	PKH_112870	PVX_114150	PY04225	PBANKA_111 970	PCHAS_11192 0	1.31327	3.02564	2.39238	3.72169	2.40448	2.12453	0.55361	0.3984653	3.72169	py	0.4950561	2.404478	pb
PFF1015w	PKH_112840	PVX_114170	PY04477	PBANKA_112 000	PCHAS_11195 0	3.04735	2.992	3.02287	1.99798	1.85942	0.05486	0.85833	0.4425639	0.05486	pc	0.270061	1.859422	pb
PFF1020c	PKH_112830	PVX_114175	PY04476	PBANKA_112 010	PCHAS_11196 0	5.58393	5.75241	5.29598	5.1306	4.80461	4.89373	0.30056	0.2363123	5.75241	pk	0.2540457	5.29598	pv
PFF1025c	PKH_112820	PVX_114180	PY04475	PBANKA_112 020	PCHAS_11197 0	2.34447	4.84767	1.80061	2.31779	2.72368	1.33664	0.74346	0.3861796	4.84767	pk	0.3534288	1.800609	pv
PFF1040w	PKH_112790	PVX_114195	PY04323	PBANKA_112 050	PCHAS_11200 0	1.98974	2.71136	2.14085	4.33075	2.8905	2.06568	0.62272	0.3092866	4.33075	py	0.1991951	2.890498	pb
PFF1045w	PKH_112780	PVX_114200	PY04324	PBANKA_112 060	PCHAS_11201 0	2.86257	2.72189	1.65038	1.94654	2.25935	1.9879	0.3765	0.2768623	2.86257	pf	0.1625815	2.721887	pk
PFF1060w	PKH_112750	PVX_114215	PY01464	PBANKA_112 090	PCHAS_11204 0	1.70136	4.48563	6.25819	4.96356	6.12643	3.75893	1.19351	0.8280127	1.70136	pf	0.9155347	4.485631	pk
PFF1070c	PKH_112730	PVX_114225	PY01291	PBANKA_112 110	PCHAS_11206 0	1.78924	0.74838	1.09245	2.60424	1.08137	1.87242	0.55728	0.36638	2.60424	py	0.4552053	1.08137	pb
PFF1080w	PKH_112710	PVX_114235	PY02212	PBANKA_112 130	PCHAS_11208 0	3.68013	3.49248	3.53704	4.14212	3.46078	3.02631	0.22995	0.1460145	4.14212	py	0.1745943	3.460783	pb
PFF1085c	PKH_112700	PVX_114240	PY02213	PBANKA_112 140	PCHAS_11209 0	2.1916	0.73335	4.54499	2.81311	2.26937	2.32149	0.74755	0.4419307	4.54499	pv	0.4164774	2.813114	py
PFF1090c	PKH_112680	PVX_114250	PY02214	PBANKA_112 160	PCHAS_11211 0	2.25581	3.77732	3.02011	1.15135	3.24398	0.58085	1.0089	0.7228291	0.58085	pc	0.714233	3.777321	pk

PFF1095w	PKH_112670	PVX_114255	PY02181	PBANKA_112 170	PCHAS_11212 0	2.41185	2.64866	2.86708	1.54966	2.17089	1.95499	0.37534	0.2779726	1.54966	py	0.2872264	2.17089	pb
PFF1100c	PKH_112660	PVX_114260	PY02180	PBANKA_112 180	PCHAS_11213 0	0.64788	5.45322	0.0742	5.67197	5.89928	1.99347	0.75677	0.4326538	1.99347	pc	0.4293019	5.453215	pk
PFF1105c	PKH_112650	PVX_114265	PY04071	PBANKA_112 190	PCHAS_11214 0	3.46617	2.87238	4.53324	4.55704	3.21797	6.09182	0.9376	0.5999867	6.09182	pc	0.6015354	2.872376	pk
PFF1150w	PKH_112560	PVX_114310	PY06561	PBANKA_112 280	PCHAS_11223 0	3.10957	3.55662	5.30358	4.89531	4.76904	4.71764	0.59735	0.3849278	3.10957	pf	0.1780556	3.55662	pk
PFF1155w	PKH_112550	PVX_114315	PY02030	PBANKA_112 290	PCHAS_11224 0	2.95015	2.4317	2.66294	2.78864	1.78431	3.70301	0.42714	0.3045543	3.70301	pc	0.1610367	1.784315	pb
PFF1160w	PKH_112540	PVX_114320	PY02031	PBANKA_112 300	PCHAS_11225 0	4.21253	3.80415	3.60044	3.46571	3.16927	3.26715	0.28583	0.193634	4.21253	pf	0.1574327	3.804146	pk
PFF1165c	PKH_112530	PVX_114325	PY02032	PBANKA_112 310	PCHAS_11226 0	3.58622	3.60031	4.2542	5.01591	4.60281	3.71328	0.49552	0.3340979	5.01591	py	0.1952394	4.602812	pb
PFF1175c	PKH_112510	PVX_114335	PY04445	PBANKA_112 330	PCHAS_11228 0	3.8471	2.89617	4.10835	2.7743	3.41812	2.76835	0.48912	0.344513	4.10835	pv	0.4001725	2.7743	py
PFF1210w	PKH_112460	PVX_114355	PY02331	PBANKA_112 390	PCHAS_11234 0	5.78587	6.25654	5.92441	0.50661	3.04464	0.34266	0.79611	0.341071	3.04464	pb	0.3340145	0.342656	pc
PFF1240w	PKH_112370	PVX_114385	PY02044	PBANKA_112 450	PCHAS_11240 0	1.27471	3.58422	0.81415	5.6212	1.68092	5.32662	1.22404	0.9148351	3.58422	pk	1.1435438	0.814145	pv
PFF1245c	PKH_112360	PVX_114390	PY02045	PBANKA_112 460	PCHAS_11241 0	3.21913	2.39141	4.10761	4.29372	4.23888	4.26484	0.51322	0.2463648	2.39141	pk	0.2751378	4.10761	pv
PFF1270c	PKH_112310	PVX_114415	PY04985	PBANKA_112 500	PCHAS_11245 0	1.76039	2.90386	2.46801	2.77476	2.21089	2.40515	0.29503	0.212515	1.76039	pf	0.1566825	2.903856	pk
PFF1285w	PKH_112280	PVX_114430	PY07530	PBANKA_112 530	PCHAS_11248 0	1.38171	0.6873	0.54559	0.47072	5.54875	5.74268	0.5698	0.5015678	1.38171	pf	0.5728147	0.687304	pk
PFF1290c	PKH_112270	PVX_114435	PY07531	PBANKA_112 540	PCHAS_11249 0	2.33234	2.69178	2.99328	5.56378	3.62173	1.45145	0.95053	0.5662429	5.56378	py	0.4753168	3.621728	pb
PFF1295w	PKH_112260	PVX_114440	PY07532	PBANKA_112 550	PCHAS_11250 0	2.17728	2.64513	2.32227	5.03175	3.77949	2.04887	0.81799	0.439694	5.03175	py	0.1853107	3.779493	pb
PFF1300w	PKH_112250	PVX_114445	PY04645	PBANKA_112 560	PCHAS_11251 0	2.94776	2.39964	2.8579	2.71888	2.64076	2.60209	0.14701	0.112563	2.39964	pk	0.1059481	2.857899	pv
PFF1305w	PKH_112240	PVX_114450	PY04644	PBANKA_112 570	PCHAS_11252 0	3.51503	3.53649	3.33906	3.20977	3.79787	2.96882	0.22196	0.1571048	2.96882	pc	0.1256706	3.797867	pb
PFF1325c	PKH_112200	PVX_114470	PY04641	PBANKA_112 600	PCHAS_11255 0	4.57679	2.955	0.50652	2.66798	4.05698	4.68923	1.06263	0.7286066	0.50652	pv	0.5635088	2.667985	py
PFF1330c	PKH_112190	PVX_114475	PY04639	PBANKA_112 610	PCHAS_11256 0	2.89558	2.02342	1.55184	4.84716	2.89012	3.08025	0.72627	0.4801145	4.84716	py	0.6001431	2.890123	pb
PFF1335c	PKH_112180	PVX_114480	PY04638	PBANKA_112 620	PCHAS_11257 0	2.52324	2.44241	2.72482	5.70888	3.3747	2.78586	0.69649	0.2389799	5.70888	py	0.1362569	3.374697	pb
PFF1345w	PKH_112160	PVX_114490	PY02706	PBANKA_112 640	PCHAS_11259 0	2.8749	1.01709	3.59329	4.09835	0.85747	2.08451	1.10124	0.9187264	4.09835	py	0.841647	0.85747	pb
PFF1350c	PKH_112150	PVX_114495	PY02707	PBANKA_112 650	PCHAS_11260 0	2.46014	0.8419	3.0145	3.55943	2.06631	4.19618	0.90029	0.6458328	0.8419	pk	0.807291	3.014497	pv

PFF1375c-a	PKH_112100	PVX_114515	PY05544	PBANKA_112 700	PCHAS_11265 0	5.85001	0.32133	3.49296	5.25216	0.08743	6.07531	0.74255	0.374592	3.49296	pv	0.2624543	5.252163	py
PFF1385c	PKH_112070	PVX_114530	PY06369	PBANKA_112 730	PCHAS_11268 0	1.94024	2.96199	2.3681	2.46091	3.55583	2.86716	0.43596	0.304163	3.55583	pb	0.2786415	2.867162	pc
PFF1395c	PKH_112050	PVX_114540	PY03547	PBANKA_112 750	PCHAS_11270 0	3.42343	3.54651	2.9454	2.45639	2.04797	2.44811	0.49381	0.4130869	2.04797	pb	0.3920342	2.448105	pc
PFF1410c	PKH_112020	PVX_114555	PY03546	PBANKA_112 770	PCHAS_11272 0	3.3679	3.49633	2.51207	2.58072	2.6545	1.68364	0.45705	0.3542869	1.68364	pc	0.2324001	3.496329	pk
PFF1445c	PKH_111910	PVX_114590	PY02229	PBANKA_112 860	PCHAS_11281 0	1.70793	4.37504	4.01531	1.25488	3.13277	3.14117	0.90599	0.7099292	1.25488	py	0.885312	3.132772	pb
PFF1460c	PKH_111880	PVX_114605	PY06261	PBANKA_112 890	PCHAS_11284 0	0.37049	0.03082	0.44686	5.42695	0.38955	5.61072	0.4508	0.2956114	5.42695	py	0.3647497	0.389548	pb
PFF1470c	PKH_111860	PVX_114615	PY06086	PBANKA_112 910	PCHAS_11286 0	3.99067	4.39012	5.11129	5.73985	4.05078	4.38371	0.46935	0.2919917	5.73985	py	0.281757	4.050783	pb
PFF1485w	PKH_111830	PVX_114630	PY04518	PBANKA_112 940	PCHAS_11289 0	4.18428	0.14813	4.22829	4.61481	3.65322	3.15061	0.71438	0.4078531	0.14813	pk	0.4988141	4.228285	pv
PFF1490w	PKH_111820	PVX_114635	PY04519	PBANKA_112 950	PCHAS_11290 0	0.17937	3.39386	0.6304	1.52494	2.84022	2.22739	1.02113	0.815748	0.17937	pf	0.7280655	3.393864	pk
PFF1500c	PKH_111800	PVX_114645	PY00830	PBANKA_112 970	PCHAS_11292 0	1.54944	0.54049	1.87787	0.48144	0.16994	1.49557	0.62183	0.4787269	1.87787	pv	0.5836448	0.481438	py
PFI0145w	PKH_070020	PVX_098595	PY01822	PBANKA_041 840	PCHAS_04193 0	3.90104	3.44394	2.84446	5.54197	2.85754	0.99934	1.03093	0.7002351	5.54197	py	0.8752939	2.857544	pb
PFI0150c	PKH_070030	PVX_098600	PY01823	PBANKA_041 830	PCHAS_04192 0	1.99725	2.86882	0.05464	0.68613	3.15608	4.8718	1.35978	1.056826	4.8718	pc	0.8353793	0.054641	pv
PFI0155c	PKH_070040	PVX_098605	PY01824	PBANKA_041 820	PCHAS_04191 0	3.80576	4.8129	5.15649	4.56174	4.08486	4.64141	0.35974	0.2645578	3.80576	pf	0.2878244	4.8129	pk
PFI0170w	PKH_070070	PVX_098620	PY01157	PBANKA_041 790	PCHAS_04188 0	1.37905	2.08238	3.7695	0.44929	2.49193	1.29115	0.87072	0.5667723	3.7695	pv	0.4760277	0.449295	py
PFI0180w	PKH_070090	PVX_098630	PY01155	PBANKA_041 770	PCHAS_04186 0	4.25117	4.9332	5.20481	5.56566	5.09711	4.52194	0.36021	0.2630655	4.25117	pf	0.2878543	4.9332	pk
PFI0190w	PKH_070110	PVX_098640	PY01152	PBANKA_041 750	PCHAS_04184 0	2.18698	2.04869	2.48031	2.17593	2.87037	1.88761	0.23757	0.1461978	2.87037	pb	0.1106673	1.887615	pc
PFI0195c	PKH_070120	PVX_098645	PY01151	PBANKA_041 740	PCHAS_04183 0	2.48158	3.69199	2.70041	2.10951	4.3772	2.55886	0.60327	0.3602601	4.3772	pb	0.4503251	2.558857	pc
PFI0200c	PKH_070130	PVX_098650	PY01150	PBANKA_041 730	PCHAS_04182 0	3.12552	3.41301	3.47817	4.20757	2.33698	2.30099	0.55587	0.4506395	4.20757	py	0.3661654	2.336983	pb
PFI0205w	PKH_070140	PVX_098655	PY01149	PBANKA_041 720	PCHAS_04181 0	0.81616	0.88675	0.57113	0.06737	0.16736	4.58693	0.62259	0.2936352	4.58693	pc	0.2881383	0.886751	pk
PFI0210c	PKH_070150	PVX_098660	PY01148	PBANKA_041 710	PCHAS_04180 0	4.99879	4.98954	5.48138	1.42044	6.10098	4.59241	0.78421	0.4000827	1.42044	py	0.2245545	6.100981	pb
PFI0215c	PKH_070160	PVX_098665	PY04820	PBANKA_041 700	PCHAS_04179 0	4.28112	3.70638	3.32952	2.45333	2.96438	0.67801	0.87022	0.5139583	0.67801	pc	0.4045467	4.281122	pf
PFI0220w	PKH_070170	PVX_098670	PY06424	PBANKA_041 690	PCHAS_04178 0	2.96341	3.74023	3.9051	2.81213	3.04813	3.60877	0.40507	0.3146917	3.9051	pv	0.3343643	2.812132	py

PFI0225w	PKH_070180	PVX_098675	PY04608	PBANKA_041680	PCHAS_041770	5.96774	0.88132	5.24235	2.47579	4.07847	2.37914	1.47527	1.1976769	5.24235	pv	1.4451532	2.475788	py
PFI0235w	PKH_070200	PVX_098685	PY00067	PBANKA_041660	PCHAS_041750	3.91702	5.06192	5.47371	4.104	4.28235	4.45176	0.44733	0.29853	5.47371	pv	0.3285749	4.104004	py
PFI0245c	PKH_070220	PVX_098695	PY00065	PBANKA_041640	PCHAS_041730	3.92219	2.26041	3.67177	4.00114	3.77921	3.2217	0.42478	0.2059736	2.26041	pk	0.2306081	3.671772	pv
PFI0250c	PKH_070230	PVX_098700	PY00064	PBANKA_041630	PCHAS_041720	5.46827	0.18891	4.37993	5.3549	4.73321	0.60183	0.72622	0.5654452	0.60183	pc	0.4630646	4.379934	pv
PFI0255c	PKH_070240	PVX_098705	PY04545	PBANKA_041620	PCHAS_041710	1.50927	1.01416	5.95734	1.65168	0.81651	1.48815	0.52405	0.2660583	5.95734	pv	0.2916907	1.651679	py
PFI0260c	PKH_070250	PVX_098710	PY04544	PBANKA_041610	PCHAS_041700	0.52267	3.62878	6.18621	0.85895	5.82893	0.62874	0.8575	0.4077837	3.62878	pk	0.3548172	6.18621	pv
PFI0280c-a	PKH_070290	PVX_098725	PY04567	PBANKA_041570	PCHAS_041660	3.32132	5.04367	5.6173	5.37951	5.00746	5.00883	0.45048	0.1961042	3.32132	pf	0.2451303	5.043673	pk
PFI0285w	PKH_070300	PVX_098730	PY03790	PBANKA_041560	PCHAS_041650	1.95163	2.32213	1.2321	1.47749	0.73626	2.29577	0.52061	0.3816622	0.73626	pb	0.3910409	2.295773	pc
PFI0295c	PKH_070330	PVX_098745	PY04959	PBANKA_041530	PCHAS_041620	2.90976	1.956	2.44462	1.12253	3.30894	1.4129	0.69531	0.5637904	3.30894	pb	0.5689625	1.412902	pc
PFI0300w	PKH_070340	PVX_098750	PY07558	PBANKA_041520	PCHAS_041610	4.05586	4.82055	4.62783	5.91655	4.49719	4.85006	0.40105	0.2235117	5.91655	py	0.2467303	4.497191	pb
PFI0315c	PKH_070370	PVX_098765	PY05018	PBANKA_041490	PCHAS_041580	1.06353	0.03426	6.19747	0.46417	0.7121	0.98066	0.3906	0.3091536	6.19747	pv	0.3244595	0.464168	py
PFI0335w	PKH_070410	PVX_098785	PY05144	PBANKA_080840	PCHAS_080870	2.2731	2.11147	2.65869	1.82111	3.8	0.79864	0.66676	0.4624079	3.8	pb	0.2498028	0.798637	pc
PFI0345w	PKH_070440	PVX_098805	PY01953	PBANKA_080870	PCHAS_080900	5.21784	0.75025	1.26691	0.983	1.35891	2.29517	0.70885	0.3841648	5.21784	pf	0.3510419	0.750255	pk
PFI0350c	PKH_070450	PVX_098810	PY01952	PBANKA_080880	PCHAS_080910	2.33365	3.3259	2.91564	5.97198	3.41618	2.04838	0.90273	0.4720095	5.97198	py	0.4648753	3.416184	pb
PFI0355c	PKH_070460	PVX_098815	PY01951	PBANKA_080890	PCHAS_080920	4.20314	5.02117	4.22093	2.96552	3.15567	3.18455	0.68991	0.4605731	5.02117	pk	0.3166221	4.220927	pv
PFI0365w	PKH_070480	PVX_098825	PY04116	PBANKA_080900	PCHAS_080930	1.15524	2.53798	2.19899	0.57755	2.01985	3.44711	0.73857	0.6008371	3.44711	pc	0.3904713	0.577549	py
PFI0370c	PKH_070490	PVX_098830	PY04117	PBANKA_080910	PCHAS_080940	2.17736	2.21735	2.41011	0.43723	3.09481	4.89862	0.9286	0.578068	4.89862	pc	0.2775557	0.437232	py
PFI0375w	PKH_070500	PVX_098835	PY01737	PBANKA_080920	PCHAS_080950	4.78973	4.27758	3.61413	3.46457	3.64633	5.66555	0.66797	0.3977188	5.66555	pc	0.2112998	4.789725	pf
PFI0380c	PKH_070510	PVX_098840	PY01738	PBANKA_080930	PCHAS_080960	3.28413	3.3034	2.68483	2.53981	4.04383	4.22467	0.51052	0.4245162	4.22467	pc	0.3445649	2.539807	py
PFI0385c	PKH_070520	PVX_098845	PY01739	PBANKA_080940	PCHAS_080970	4.97045	5.95998	5.07892	0.15356	5.23549	5.24178	0.39228	0.2304792	0.15356	py	0.288099	5.235487	pb
PFI0395w	PKH_070560	PVX_098850	PY06648	PBANKA_080960	PCHAS_080990	5.02109	5.23174	5.12075	5.2195	5.11126	5.21411	0.06871	0.0438452	5.02109	pf	0.0503989	5.231739	pk
PFI0415c	PKH_070600	PVX_098870	PY05388	PBANKA_080980	PCHAS_081010	1.78414	2.00936	2.3272	6.21136	3.72091	1.69009	0.77585	0.5147768	6.21136	py	0.2155846	3.720906	pb

PFI0440w	PKH_070650	PVX_098895	PY03134	PBANKA_081030	PCHAS_081060	5.73119	5.74376	0.72409	5.96481	4.25221	2.1875	0.9526	0.5977365	2.1875	pc	0.3742832	4.252206	pb
PFI0455w	PKH_070680	PVX_098910	PY03131	PBANKA_081060	PCHAS_081090	1.96452	1.24768	2.64036	1.93328	0.05047	2.74978	0.6872	0.4418351	0.05047	pb	0.355979	2.749775	pc
PFI0460w	PKH_070690	PVX_098915	PY03130	PBANKA_081070	PCHAS_081110	5.55698	5.8862	0.77114	0.49127	0.38336	3.40716	0.90157	0.4771205	3.40716	pc	0.3190071	5.556975	pf
PFI0465c	PKH_070700	PVX_098920	PY03129	PBANKA_081080	PCHAS_081110	4.84069	6.10521	4.69841	6.19886	5.22239	5.05163	0.48929	0.3576981	6.19886	py	0.4044333	5.222386	pb
PFI0470w	PKH_070710	PVX_098925	PY03501	PBANKA_081090	PCHAS_081120	0.45355	0.31567	5.797	1.23259	1.26202	0.06641	0.50871	0.4225051	5.797	pv	0.3333717	1.232586	py
PFI0475w	PKH_070720	PVX_098930	PY03502	PBANKA_081100	PCHAS_081130	2.08172	3.1308	2.75796	6.26321	3.27934	4.6199	1.032	0.6119118	6.26321	py	0.7277539	3.279342	pb
PFI0480w	PKH_070730	PVX_098935	PY03503	PBANKA_081110	PCHAS_081140	1.76114	1.41111	2.05364	2.12194	1.65705	1.96322	0.21825	0.1514774	1.41111	pk	0.1667426	2.053638	pv
PFI0495w	PKH_070760	PVX_098950	PY04264	PBANKA_081140	PCHAS_081170	3.99882	1.93162	5.40406	0.5405	0.50204	1.04869	1.03038	0.6714787	3.99882	pf	0.4915686	1.931618	pk
PFI0500w	PKH_070770	PVX_098955	PY05529	PBANKA_081150	PCHAS_081180	2.28854	0.58917	2.31347	3.00897	2.71974	1.40598	0.62641	0.4068376	0.58917	pk	0.5085469	2.31347	pv
PFI0505c	PKH_070780	PVX_098960	PY05530	PBANKA_081160	PCHAS_081190	3.36947	0.78559	3.31482	4.16666	1.1138	2.28399	1.11126	0.827668	0.78559	pk	1.034585	3.314824	pv
PFI0525w	PKH_070820	PVX_098980	PY00852	PBANKA_081190	PCHAS_081220	2.96368	1.47624	4.30898	2.35014	1.48016	0.01509	1.10855	0.7645004	4.30898	pv	0.7381305	2.350145	py
PFI0540w	PKH_070850	PVX_098995	PY00335	PBANKA_081220	PCHAS_081250	6.19134	6.18083	5.72388	5.58999	6.13131	6.01701	0.19543	0.1262564	5.58999	py	0.1578205	6.131314	pb
PFI0545w	PKH_070860	PVX_099000	PY00336	PBANKA_081230	PCHAS_081260	4.37807	4.08208	5.21577	3.7999	4.78596	4.83167	0.42889	0.3174578	3.7999	py	0.3968223	4.785964	pb
PFI0555c	PKH_070880	PVX_099010	PY00338	PBANKA_081250	PCHAS_081280	2.37445	3.27016	2.48655	3.98834	2.80965	2.19558	0.50193	0.3019562	3.98834	py	0.2966711	2.809649	pb
PFI0565w	PKH_070900	PVX_099020	PY03427	PBANKA_081270	PCHAS_081300	4.55631	5.43038	3.91942	5.00763	4.27224	4.80793	0.41633	0.3247792	5.43038	pk	0.2467512	3.91942	pv
PFI0570w	PKH_070910	PVX_099025	PY03426	PBANKA_081280	PCHAS_081310	3.49762	3.69681	3.42009	2.68369	3.08023	2.38896	0.41027	0.2861014	2.38896	pc	0.2884462	3.696808	pk
PFI0575c	PKH_070920	PVX_099030	PY03425	PBANKA_081290	PCHAS_081320	5.2904	2.86761	2.34965	4.89689	3.68368	1.48005	1.19561	0.9501745	5.2904	pf	1.1877181	2.867607	pk
PFI0590c	PKH_070950	PVX_099045	PY03423	PBANKA_081320	PCHAS_081350	3.86214	3.18257	3.97627	1.21685	2.19628	2.22224	0.8976	0.6839784	1.21685	py	0.6084005	2.196278	pb
PFI0605c	PKH_070970	PVX_099055	PY03421	PBANKA_081340	PCHAS_081370	3.9293	5.02855	3.09581	3.89114	3.49382	5.30812	0.63087	0.4736429	5.30812	pc	0.393222	3.095815	pv
PFI0610w	PKH_070980	PVX_099060	PY07463	PBANKA_081350	PCHAS_081380	2.27783	1.31601	0.25908	2.24257	3.53555	1.60671	0.81236	0.589061	3.53555	pb	0.7363262	1.606713	pc
PFI0625c	PKH_071010	PVX_099075	PY03441	PBANKA_081380	PCHAS_081410	1.83305	3.82182	2.64422	2.17371	2.53366	1.52865	0.57738	0.3632366	3.82182	pk	0.3364164	2.644225	pv
PFI0640c	PKH_071040	PVX_099090	PY05053	PBANKA_081410	PCHAS_081440	3.27451	4.02795	3.72774	0.26087	2.60153	1.3596	1.1347	0.7589133	0.26087	py	0.7803965	2.601528	pb

PFI0645w	PKH_071050	PVX_099095	PY06160	PBANKA_081 420	PCHAS_08145 0	2.68612	2.22974	3.66115	2.84703	3.37059	2.97843	0.37455	0.2997175	2.22974	pk	0.2039672	3.661145	pv
PFI0650c	PKH_071060	PVX_099100	PY04842	PBANKA_081 430	PCHAS_08146 0	2.29018	5.45334	2.23084	1.70569	3.16414	1.62811	0.86354	0.4241069	5.45334	pk	0.5301336	2.230839	pv
PFI0665w	PKH_071090	PVX_099110	PY02478	PBANKA_081 460	PCHAS_08149 0	4.40685	0.82746	3.40373	5.63452	3.12208	2.1543	1.22354	0.9529971	0.82746	pk	1.1912464	3.403727	pv
PFI0670w	PKH_071100	PVX_099115	PY02480	PBANKA_081 470	PCHAS_08150 0	3.70178	2.75388	2.87091	1.81132	3.22212	2.4635	0.46102	0.3413049	1.81132	py	0.3388281	3.222123	pb
PFI0680c	PKH_071110	PVX_099120	PY02481	PBANKA_081 490	PCHAS_08152 0	2.09459	2.90315	1.35286	4.80523	2.89945	2.26011	0.81671	0.4710293	4.80523	py	0.4289524	2.899452	pb
PFI0690c	PKH_071130	PVX_099130	PY02485	PBANKA_081 510	PCHAS_08154 0	5.91059	0.01068	6.10573	6.05285	5.68606	6.27881	0.17148	0.1218458	5.68606	pb	0.1090367	6.278809	pc
PFI0695c	PKH_071140	PVX_099135	PY02486	PBANKA_081 520	PCHAS_08155 0	0.68212	3.37946	1.69327	1.59594	3.46296	5.89966	1.10686	0.9128716	5.89966	pc	0.6986658	3.462961	pb
PFI0700c	PKH_071150	PVX_099140	PY04160	PBANKA_081 530	PCHAS_08156 0	1.05905	0.85856	1.77893	2.30071	1.72373	1.64264	0.37385	0.3170095	2.30071	py	0.3759903	1.72373	pb
PFI0720w	PKH_071190	PVX_099160	PY02653	PBANKA_081 570	PCHAS_08160 0	1.96551	2.02707	2.69691	0.28269	0.33615	2.41829	0.75965	0.5627067	0.28269	py	0.2806534	0.336149	pb
PFI0725c	PKH_071210	PVX_099165	PY02654	PBANKA_081 580	PCHAS_08161 0	4.72901	2.89401	5.60486	5.7571	5.31732	5.10353	0.65879	0.3058833	2.89401	pk	0.3104683	5.60486	pv
PFI0730w	PKH_071220	PVX_099175	PY03420	PBANKA_081 590	PCHAS_08162 0	3.0678	0.09101	5.10967	2.54033	4.92705	1.898	1.4292	1.1196775	0.09101	pk	0.8891306	5.109665	pv
PFI0735c	PKH_071230	PVX_099180	PY03419	PBANKA_081 600	PCHAS_08163 0	5.27788	3.61262	5.15306	4.62568	3.78589	5.37459	0.63022	0.4481816	3.61262	pk	0.560227	5.153057	pv
PFI0750c	PKH_071260	PVX_099195	PY01320	PBANKA_081 630	PCHAS_08166 0	2.74185	3.6378	2.5665	3.19341	3.80491	2.1299	0.53298	0.4268715	2.1299	pc	0.3807132	3.80491	pb
PFI0755c	PKH_071270	PVX_099200	PY01321	PBANKA_081 640	PCHAS_08167 0	2.43515	2.47497	2.50847	2.18565	1.61675	2.20278	0.23557	0.1190022	1.61675	pb	0.0906604	2.202777	pc
PFI0760w	PKH_071280	PVX_099205	PY01322	PBANKA_081 650	PCHAS_08168 0	2.72504	3.01862	1.5415	5.8038	2.63983	2.01523	0.88436	0.4373876	5.8038	py	0.5467345	2.639831	pb
PFI0770c	PKH_071300	PVX_099215	PY07489	PBANKA_081 670	PCHAS_08170 0	5.25405	4.10555	2.80359	3.58484	4.94309	4.2981	0.66688	0.50135	2.80359	pv	0.4483721	3.584841	py
PFI0775w	PKH_071310	PVX_099220	PY07488	PBANKA_081 680	PCHAS_08171 0	6.03128	3.59317	0.41578	0.39029	5.19165	5.56878	0.84169	0.5224031	3.59317	pk	0.4860839	0.415777	pv
PFI0780w	PKH_071320	PVX_099225	PY00953	PBANKA_081 690	PCHAS_08172 0	2.66845	4.68622	2.12047	2.91393	3.61434	4.83987	0.90626	0.7023281	4.83987	pc	0.6795465	2.120472	pv
PFI0790w	PKH_071340	PVX_099235	PY00221	PBANKA_081 710	PCHAS_08174 0	5.77388	3.25538	3.05184	5.07236	4.27448	5.8074	1.01199	0.8102844	3.05184	pv	1.0128554	5.072357	py
PFI0795w	PKH_071350	PVX_099240	PY00222	PBANKA_081 720	PCHAS_08175 0	3.18129	2.42608	2.36206	1.69956	2.41532	1.89036	0.34512	0.2502959	3.18129	pf	0.2968657	2.426077	pk
PFI0815c	PKH_071390	PVX_099255	PY06964	PBANKA_081 760	PCHAS_08179 0	1.68779	3.30655	1.34745	6.27621	2.26525	1.32919	0.76499	0.5790312	6.27621	py	0.5794235	2.265251	pb
PFI0830c	PKH_071430	PVX_099270	PY03265	PBANKA_081 800	PCHAS_08183 0	4.18017	4.71105	4.47635	4.53191	4.97127	4.79184	0.21429	0.1509696	4.18017	pf	0.188712	4.711052	pk

PFI0835c	PKH_071440	PVX_099275	PY07176	PBANKA_081810	PCHAS_081840	2.81414	2.26147	2.58658	5.61463	3.44417	3.02771	0.73739	0.3247659	5.61463	py	0.24845	3.444173	pb
PFI0845w	PKH_071460	PVX_099285	PY07178	PBANKA_081830	PCHAS_081860	5.47225	5.00187	5.24899	4.54134	5.17871	5.65309	0.2754	0.1889532	4.54134	py	0.2186217	5.178713	pb
PFI0855w	PKH_071480	PVX_099295	PY06081	PBANKA_081850	PCHAS_081880	3.95887	4.60355	4.72819	5.80536	6.27472	4.62343	0.60374	0.3942269	6.27472	pb	0.4927836	4.623425	pc
PFI0860c	PKH_071490	PVX_099300	PY06080	PBANKA_081860	PCHAS_081890	1.91721	2.51478	2.57049	5.94809	1.86047	0.71531	0.79363	0.5018997	5.94809	py	0.613191	1.860471	pb
PFI0865w	PKH_071500	PVX_099305	PY06079	PBANKA_081870	PCHAS_081900	1.75615	3.47926	2.17695	0.21821	1.37655	1.0496	0.79467	0.5330578	3.47926	pk	0.4662218	2.176948	pv
PFI0875w	PKH_071520	PVX_099315	PY05001	PBANKA_081890	PCHAS_081920	3.83295	4.51098	3.97528	2.93355	3.17013	4.00694	0.42609	0.302967	2.93355	py	0.1774218	3.170133	pb
PFI0880c	PKH_071530	PVX_099320	PY05000	PBANKA_081900	PCHAS_081930	4.97398	5.48802	5.63609	5.90601	5.85191	5.36433	0.26128	0.1811119	4.97398	pf	0.189374	5.488025	pk
PFI0890c-a	PKH_071550	PVX_099330	PY07001	PBANKA_081920	PCHAS_081950	4.07728	3.63768	4.02632	3.951	3.48624	4.04491	0.17893	0.1067024	3.48624	pb	0.1287295	4.044913	pc
PFI0920c	PKH_071600	PVX_099355	PY06801	PBANKA_081970	PCHAS_082000	1.68533	0.84007	3.82628	3.26912	2.06293	1.14652	0.9144	0.669093	3.82628	pv	0.4404177	3.269123	py
PFI0925w	PKH_071610	PVX_099360	PY01606	PBANKA_081980	PCHAS_082010	2.1451	1.14256	2.09373	2.55801	1.33633	1.27172	0.5077	0.364909	2.55801	py	0.4561363	1.33633	pb
PFI0930c	PKH_071620	PVX_099365	PY01605	PBANKA_081990	PCHAS_082020	2.75427	2.35906	3.13792	2.75616	0.94927	2.81632	0.4413	0.168181	0.94927	pb	0.1951869	2.816316	pc
PFI0935w	PKH_071630	PVX_099370	PY05339	PBANKA_082000	PCHAS_082030	3.27203	4.55068	4.18435	0.96075	3.80645	4.19808	0.78831	0.3340558	0.96075	py	0.3230947	3.806452	pb
PFI0940c	PKH_071640	PVX_099375	PY05337	PBANKA_082010	PCHAS_082040	6.07187	6.05129	5.75947	5.63509	5.57213	5.95828	0.18579	0.14572	5.57213	pb	0.18215	5.958278	pc
PFI0950w	PKH_071660	PVX_099385	PY05335	PBANKA_082030	PCHAS_082060	4.84145	5.0837	3.1495	4.12591	4.64839	3.62207	0.61268	0.4354345	3.1495	pv	0.4136737	4.125907	py
PFI0970c	PKH_071700	PVX_099405	PY05378	PBANKA_082070	PCHAS_082100	5.25174	5.53379	4.9635	5.16064	6.21537	4.74963	0.35452	0.2144793	6.21537	pb	0.1653485	4.749634	pc
PFI0975c	PKH_071710	PVX_099410	PY05377	PBANKA_082080	PCHAS_082110	5.08437	5.50427	5.21848	4.90139	5.17504	5.30926	0.1452	0.1083975	5.50427	pk	0.1246352	5.218483	pv
PFI0990c	PKH_071740	PVX_099425	PY05249	PBANKA_082110	PCHAS_082140	4.04062	3.46444	3.22026	2.75229	3.86048	2.6147	0.46305	0.3915854	4.04062	pf	0.4284381	3.464439	pk
PFI1010w	PKH_071780	PVX_099445	PY02621	PBANKA_082150	PCHAS_082180	5.31203	3.71171	2.89844	3.00267	3.6233	1.9518	0.79902	0.4969526	5.31203	pf	0.4439314	3.711708	pk
PFI1015w	PKH_071790	PVX_099450	PY03600	PBANKA_082160	PCHAS_082190	5.84858	5.81789	5.51686	5.78135	4.14036	5.87349	0.35023	0.0847731	4.14036	pb	0.0920651	5.873493	pc
PFI1020c	PKH_071800	PVX_099455	PY03601	PBANKA_082170	PCHAS_082200	1.72447	2.36204	5.18389	3.06948	2.48385	2.2921	0.72644	0.3073528	5.18389	pv	0.2073302	3.069483	py
PFI1025w	PKH_071810	PVX_099460	PY03602	PBANKA_082180	PCHAS_082210	2.44836	2.93344	2.40462	2.39618	3.00442	2.3942	0.19854	0.118283	3.00442	pb	0.1452496	2.394202	pc
PFI1040c	PKH_071840	PVX_099480	PY03606	PBANKA_082210	PCHAS_082240	1.76977	1.24582	2.05908	6.22096	0.33575	1.32934	0.60648	0.4494569	6.22096	py	0.3134219	0.335748	pb

PFI1045w	PKH_071850	PVX_099485	PY02488	PBANKA_082 220	PCHAS_08225 0	2.34118	4.29191	3.36777	5.58652	1.88998	3.61446	0.98233	0.7350429	5.58652	py	0.5493546	1.889975	pb
PFI1060w	PKH_071880	PVX_099500	PY04670	PBANKA_082 250	PCHAS_08228 0	2.04639	1.79703	2.81885	2.58546	2.37509	0.60966	0.55438	0.3121759	0.60966	pc	0.2792806	2.818846	pv
PFI1065c	PKH_071890	PVX_099505	PY04671	PBANKA_082 260	PCHAS_08229 0	3.75139	3.86369	2.78993	1.89546	2.40485	3.54215	0.67783	0.4840594	1.89546	py	0.3207493	2.404854	pb
PFI1080w	PKH_071920	PVX_099515	PY00184	PBANKA_082 290	PCHAS_08232 0	3.83971	2.17828	5.93074	2.20868	0.5219	1.73113	1.05435	0.8435006	3.83971	pf	0.9425872	2.17828	pk
PFI1085w	PKH_071930	PVX_099520	PY00183	PBANKA_082 300	PCHAS_08233 0	1.83853	2.44449	3.73171	3.33917	2.16473	2.05945	0.57544	0.3771365	3.73171	pv	0.1778104	3.339168	py
PFI1090w	PKH_071940	PVX_099525	PY06246	PBANKA_082 310	PCHAS_08234 0	4.26608	1.67456	2.78334	1.36137	0.80786	1.07763	0.91285	0.5144819	4.26608	pf	0.5648053	1.674557	pk
PFI1100w	PKH_071960	PVX_099530	PY04548	PBANKA_082 330	PCHAS_08236 0	5.52362	2.30543	2.97686	1.9411	2.7385	2.61028	0.73036	0.2937635	5.52362	pf	0.2909925	2.305435	pk
PFI1105w	PKH_071970	PVX_099535	PY04547	PBANKA_082 340	PCHAS_08237 0	2.89798	2.35735	2.58527	2.87493	2.98649	2.38228	0.23908	0.183384	2.35735	pk	0.1568145	2.585266	pv
PFI1110w	PKH_071980	PVX_099540	PY04688	PBANKA_082 350	PCHAS_08238 0	1.51799	4.65906	5.41152	0.85082	2.17158	2.402	1.28925	0.9188859	4.65906	pk	0.5511927	5.411519	pv
PFI1130c	PKH_072020	PVX_099560	PY02415	PBANKA_082 390	PCHAS_08242 0	1.79042	2.76012	0.24688	3.0194	2.24196	2.25964	0.62665	0.349427	0.24688	pv	0.2468417	3.019404	py
PFI1135c	PKH_072030	PVX_099565	PY02414	PBANKA_082 400	PCHAS_08243 0	1.84644	5.22434	4.07578	0.44994	2.66231	0.56655	1.31527	1.0235308	4.07578	pv	1.25026	0.449937	py
PFI1150w	PKH_072060	PVX_099580	PY02393	PBANKA_082 430	PCHAS_08246 0	2.95938	0.99462	5.8105	2.26225	2.45158	1.37674	0.96242	0.6079185	5.8105	pv	0.7598981	2.262249	py
PFI1170c	PKH_072100	PVX_099600	PY02397	PBANKA_082 470	PCHAS_08250 0	4.03763	1.61645	2.81717	4.04113	1.94349	3.95641	0.94301	0.6636202	1.61645	pk	0.5447166	2.817175	pv
PFI1175c	PKH_072110	PVX_099605	PY00009	PBANKA_082 480	PCHAS_08251 0	2.23977	0.91748	4.45551	0.87587	1.2185	3.48656	1.16319	0.7865967	4.45551	pv	0.897588	0.875869	py
PFI1180w	PKH_072120	PVX_099615	PY06683	PBANKA_082 490	PCHAS_08252 0	6.11002	5.63935	3.71959	1.37262	0.6278	3.48276	1.30585	1.0889369	3.71959	pv	0.9747242	1.372624	py
PFI1195c	PKH_072150	PVX_099630	PY05196	PBANKA_082 520	PCHAS_08255 0	5.32813	3.73283	3.69684	3.64004	3.38673	0.89777	0.80554	0.4068374	0.89777	pc	0.1007247	5.328128	pf
PFI1205c	PKH_072170	PVX_099640	PY05199	PBANKA_082 540	PCHAS_08257 0	5.12803	5.46338	4.91724	3.77521	5.24277	5.5346	0.40338	0.1905419	3.77521	py	0.2381773	5.24277	pb
PFI1210w	PKH_072180	PVX_099645	PY05371	PBANKA_082 550	PCHAS_08258 0	5.45247	5.56177	5.89182	5.09229	5.58222	4.31012	0.36349	0.185854	4.31012	pc	0.1498056	5.891816	pv
PFI1215w	PKH_072190	PVX_099650	PY07291	PBANKA_082 560	PCHAS_08259 0	1.41997	2.48372	2.2934	5.85042	0.87759	1.92883	0.80686	0.4959099	5.85042	py	0.3570778	0.877592	pb
PFI1235w	PKH_072230	PVX_099675	PY00928	PBANKA_082 600	PCHAS_08263 0	1.49652	1.91325	2.65181	1.67667	1.40315	1.78527	0.29566	0.1597686	2.65181	pv	0.1997108	1.67667	py
PFI1245c	PKH_072250	PVX_099685	PY00926	PBANKA_082 620	PCHAS_08265 0	3.0206	2.91548	0.96114	0.59435	4.79087	4.20794	1.25807	1.0977952	0.96114	pv	0.7656824	0.594351	py
PFI1255w	PKH_072270	PVX_099695	PY03878	PBANKA_082 640	PCHAS_08267 0	5.24465	5.89907	5.08067	4.45927	3.99598	4.55251	0.53611	0.3740159	5.89907	pk	0.3354794	5.080672	pv

PFI1260c	PKH_072280	PVX_099700	PY03877	PBANKA_082 650	PCHAS_08268 0	2.65045	2.5157	4.08485	5.15072	3.70653	4.04385	0.73446	0.5925114	5.15072	py	0.7406393	3.706528	pb
PFI1270w	PKH_072300	PVX_099710	PY00763	PBANKA_082 670	PCHAS_08270 0	2.07027	1.37222	1.02331	1.51738	1.73627	1.27168	0.27612	0.1917313	2.07027	pf	0.2396641	1.372216	pk
PFI1275w	PKH_072310	PVX_099715	PY00762	PBANKA_082 680	PCHAS_08271 0	2.86941	2.28221	2.38984	5.73648	3.82887	2.55196	0.85415	0.4052456	5.73648	py	0.1873288	3.828868	pb
PFI1280c	PKH_072320	PVX_099725	PY00761	PBANKA_082 690	PCHAS_08272 0	1.39327	0.59271	1.47973	5.14022	2.59561	1.82858	0.84348	0.4876431	5.14022	py	0.3305829	2.595612	pb
PFI1285w	PKH_072340	PVX_099740	PY04353	PBANKA_082 710	PCHAS_08274 0	6.2012	0.77591	6.05109	6.07231	5.96392	2.99662	0.72016	0.2490577	2.99662	pc	0.0646241	0.775912	pk
PFI1295c	PKH_072350	PVX_099745	PY04355	PBANKA_082 720	PCHAS_08275 0	4.62884	0.6204	4.62589	4.45183	5.14681	4.64072	0.49743	0.1419634	0.6204	pk	0.1767166	4.625892	pv
PFI1310w	PKH_072430	PVX_099765	PY00252	PBANKA_082 750	PCHAS_08278 0	3.17507	2.7475	3.13266	5.37392	1.48648	4.27419	0.90942	0.6430531	5.37392	py	0.3922726	1.486481	pb
PFI1320c	PKH_072470	PVX_099780	PY00254	PBANKA_082 770	PCHAS_08280 0	5.72581	4.71144	4.61874	5.45367	3.90824	1.69791	0.94434	0.5304981	1.69791	pc	0.4623224	3.908244	pb
PFI1330c	PKH_072490	PVX_099790	PY02909	PBANKA_082 790	PCHAS_08282 0	4.84437	3.16921	4.11887	5.58102	3.90659	3.58559	0.64715	0.4416893	5.58102	py	0.5521116	3.906595	pb
PFI1355w	PKH_072540	PVX_099820	PY00449	PBANKA_082 840	PCHAS_08287 0	4.77758	5.33374	4.88999	4.57122	4.79812	5.03854	0.18589	0.1159446	5.33374	pk	0.121963	4.889986	pv
PFI1360c	PKH_072560	PVX_099825	PY00448	PBANKA_082 850	PCHAS_08288 0	4.30634	3.9473	3.15637	4.73888	4.18837	5.21066	0.49397	0.3627765	3.15637	pv	0.3453348	4.738881	py
PFI1370c	PKH_072580	PVX_099840	PY05588	PBANKA_082 870	PCHAS_08290 0	5.18115	0.98593	4.35695	0.1542	3.65135	0.50889	1.21819	0.9046175	3.65135	pb	1.0421009	0.508887	pc
PFI1415w	PKH_072660	PVX_099890	PY04175	PBANKA_082 960	PCHAS_08299 0	3.61126	1.7846	2.93118	1.19553	1.92737	2.79263	0.73793	0.5487355	3.61126	pf	0.6502256	1.784599	pk
PFI1420w	PKH_072670	PVX_099895	PY04174	PBANKA_082 970	PCHAS_08300 0	2.21588	2.9817	2.18362	2.04123	1.50662	0.43077	0.5671	0.3299453	0.43077	pc	0.2129109	2.981701	pk
PFI1435w	PKH_072740	PVX_099915	PY05765	PBANKA_083 000	PCHAS_08303 0	1.57502	2.95878	2.7089	2.82898	3.00751	2.70617	0.30086	0.1102432	1.57502	pf	0.1053543	2.95878	pk
PFI1455c	PKH_072780	PVX_099940	PY05293	PBANKA_083 040	PCHAS_08307 0	5.69213	3.17751	0.5449	0.15329	0.07586	4.88678	0.96455	0.5371316	3.17751	pk	0.5541531	0.544904	pv
PFI1460c	PKH_072790	PVX_099945	PY05292	PBANKA_083 050	PCHAS_08308 0	4.06287	2.66986	3.76689	6.04244	2.84343	5.65946	1.08076	0.841808	6.04244	py	0.8213943	2.843431	pb
PFI1475w	PKH_072850	PVX_099980	PY05748	PBANKA_083 100	PCHAS_08313 0	5.55932	5.86248	5.43537	4.70346	5.44858	5.11889	0.26878	0.1735077	4.70346	py	0.2168846	5.448584	pb
PFI1485c	PKH_072870	PVX_099990	PY01867	PBANKA_083 120	PCHAS_08315 0	6.06456	5.92573	0.05476	5.19661	5.47058	5.75728	0.3173	0.2349297	5.19661	py	0.1798739	5.470579	pb
PFI1490c-a	PKH_072880	PVX_099995	PY03175	PBANKA_083 130	PCHAS_08316 0	2.49937	0.20661	4.73663	2.66682	3.51257	2.57038	0.93994	0.6358896	0.20661	pk	0.2774096	4.736626	pv
PFI1495w	PKH_072890	PVX_100000	PY03176	PBANKA_083 140	PCHAS_08317 0	2.04076	2.94894	2.46806	6.07685	3.45382	2.59161	0.78198	0.3787885	6.07685	py	0.2579326	3.453823	pb
PFI1505c	PKH_072930	PVX_087155	PY07561	PBANKA_083 180	PCHAS_08321 0	4.71561	3.54937	2.28177	2.9448	0.48717	0.42284	1.33634	1.0992099	0.42284	pc	0.7596043	0.487169	pb

PFI1525w	PKH_072970	PVX_087135	PY07648	PBANKA_083220	PCHAS_083250	3.80461	3.89614	3.09763	2.44157	3.71807	3.369	0.41843	0.2468235	2.44157	py	0.3085294	3.718066	pb
PFI1540w	PKH_073000	PVX_087120	PY03213	PBANKA_083250	PCHAS_083280	1.65967	1.39467	4.34917	5.35924	5.39178	1.62642	1.34266	1.0202874	4.34917	pv	0.6957053	5.359237	py
PFI1545c	PKH_073010	PVX_087115	PY03212	PBANKA_083260	PCHAS_083290	3.8966	4.29985	3.98477	3.51048	3.63896	3.64272	0.23151	0.1463854	4.29985	pk	0.097468	3.984774	pv
PFI1550c	PKH_073020	PVX_087110	PY03211	PBANKA_083270	PCHAS_083300	5.93467	0.36885	6.13358	5.01469	5.61477	0.05923	0.42732	0.2890012	5.01469	py	0.2315485	5.614773	pb
PFI1565w	PKH_073040	PVX_087095	PY03207	PBANKA_083300	PCHAS_083330	5.263	5.99798	4.63061	4.14758	4.90355	4.35837	0.50466	0.3321195	5.99798	pk	0.4151494	4.630612	pv
PFI1570c	PKH_073050	PVX_087090	PY03205	PBANKA_083310	PCHAS_083340	2.74574	2.22338	2.47204	2.93667	2.53753	3.25495	0.28407	0.1973999	3.25495	pc	0.168211	2.223377	pk
PFI1575c	PKH_073060	PVX_087085	PY03620	PBANKA_083320	PCHAS_083350	4.17964	3.10356	3.38958	3.91155	4.01715	2.69117	0.48734	0.3407289	2.69117	pc	0.3588872	4.179641	pf
PFI1585c	PKH_073080	PVX_087075	PY03622	PBANKA_083340	PCHAS_083370	4.03332	2.3205	3.28151	5.84478	3.67275	4.42575	0.83818	0.5714126	5.84478	py	0.7142657	3.672752	pb
PFI1595c	PKH_073110	PVX_087060	PY02605	PBANKA_083370	PCHAS_083400	1.80271	4.49554	5.56594	4.46303	1.74939	3.00453	1.32798	1.0812951	5.56594	pv	0.9869943	4.463031	py
PFI1600w	PKH_073120	PVX_087055	PY02603	PBANKA_083380	PCHAS_083410	0.93215	3.94672	4.60641	0.83715	5.68945	2.13289	1.40752	1.0671123	3.94672	pk	0.705408	4.606409	pv
PFI1625c	PKH_073170	PVX_087035	PY01832	PBANKA_083440	PCHAS_083470	3.1466	3.8339	2.91679	4.66594	3.67078	4.52991	0.54926	0.4756933	2.91679	pv	0.3866063	4.66594	py
PFI1630c	PKH_073180	PVX_087030	PY01831	PBANKA_083450	PCHAS_083480	4.4624	3.05641	2.38433	5.65467	4.34809	3.48454	0.92331	0.6739481	5.65467	py	0.6265496	4.348086	pb
PFI1635w	PKH_073190	PVX_087025	PY01830	PBANKA_083460	PCHAS_083490	1.67439	3.6877	3.39667	0.19647	1.49657	4.43182	1.33859	0.9897109	0.19647	py	0.7621148	1.496575	pb
PFI1650w	PKH_073220	PVX_087010	PY00738	PBANKA_083490	PCHAS_083520	2.46317	1.83129	2.854	5.11955	3.96489	4.48629	1.07038	0.8313435	5.11955	py	0.7614592	3.964885	pb
PFI1660w	PKH_073240	PVX_087000	PY06099	PBANKA_083510	PCHAS_083540	4.53238	2.36146	3.82756	4.66529	4.13283	4.27222	0.52467	0.2474558	2.36146	pk	0.1981543	3.827562	pv
PFI1665w	PKH_073250	PVX_086995	PY06100	PBANKA_083520	PCHAS_083550	4.39144	2.84611	3.76543	3.20929	3.92532	2.27532	0.62525	0.4522726	2.27532	pc	0.4088384	4.39144	pf
PFI1670c	PKH_073260	PVX_086990	PY06101	PBANKA_083530	PCHAS_083560	3.55265	3.81834	2.76572	0.04316	3.14018	1.0353	1.11117	0.713995	0.04316	py	0.8924937	3.140184	pb
PFI1675w	PKH_073270	PVX_086985	PY05237	PBANKA_083540	PCHAS_083570	6.1687	0.18427	5.22063	5.95128	0.19073	3.44578	0.74873	0.3538926	3.44578	pc	0.2053467	5.220628	pv
PFI1680w	PKH_073280	PVX_086980	PY05236	PBANKA_083550	PCHAS_083580	4.0128	5.88732	0.25913	3.62064	4.67272	5.1866	0.88501	0.6880961	0.25913	pv	0.5970995	3.620642	py
PFI1690c	PKH_073300	PVX_086970	PY05234	PBANKA_083570	PCHAS_083600	0.91751	0.35331	5.9165	0.06683	4.55967	5.12923	0.76363	0.5582927	4.55967	pb	0.3926704	5.129229	pc
PFI1695c	PKH_073310	PVX_086965	PY01195	PBANKA_083580	PCHAS_083610	2.85954	3.24212	3.07338	4.55966	3.7034	0.58408	0.83136	0.466027	0.58408	pc	0.2531502	4.559658	py
PFI1730w	PKH_073370	PVX_086930	PY06117	PBANKA_083630	PCHAS_083660	5.23458	5.7053	4.9919	4.96156	3.55318	5.69543	0.52144	0.2894509	3.55318	pb	0.2466009	5.695426	pc

PFL0075w	PKH_130020	PVX_084100	PY01480	PBANKA_060050	PCHAS_060240	1.61546	2.34474	2.20219	2.09626	1.83599	1.55111	0.27344	0.2263739	2.34474	pk	0.1914188	2.202186	pv
PFL0120c	PKH_130110	PVX_084165	PY01525	PBANKA_060140	PCHAS_060320	4.39317	3.4791	3.20769	6.27491	3.12101	3.34244	0.74601	0.3087133	6.27491	py	0.330534	3.121014	pb
PFL0125c	PKH_130120	PVX_084170	PY01523	PBANKA_060150	PCHAS_060330	1.17802	1.35923	0.46431	4.34927	3.30172	0.95801	1.05843	0.6477281	4.34927	py	0.2787337	3.301723	pb
PFL0130c	PKH_130140	PVX_084175	PY01520	PBANKA_060160	PCHAS_060340	5.16833	4.19655	4.05942	2.32014	3.20075	2.58898	0.88574	0.6693704	5.16833	pf	0.5877624	4.19655	pk
PFL0150w	PKH_130180	PVX_084195	PY05283	PBANKA_060200	PCHAS_060380	4.25501	3.85302	5.78315	4.36822	0.66866	4.80404	0.8438	0.4958301	0.66866	pb	0.5108346	4.804036	pc
PFL0165c	PKH_130210	PVX_084210	PY05286	PBANKA_060230	PCHAS_060410	4.40332	5.59751	3.29736	1.5853	3.96506	3.95973	0.85392	0.5487466	1.5853	py	0.6859332	3.965064	pb
PFL0175c	PKH_130220	PVX_084220	PY05913	PBANKA_060250	PCHAS_060430	1.3845	1.27968	1.56623	1.87443	1.02596	0.76027	0.29321	0.2328995	1.87443	py	0.2276933	1.025957	pb
PFL0180w	PKH_130230	PVX_084225	PY05914	PBANKA_060260	PCHAS_060440	2.73666	2.17911	2.39707	0.84414	2.97629	6.27405	0.84932	0.5379415	6.27405	pc	0.2841935	0.84414	py
PFL0185c	PKH_130240	PVX_084230	PY05915	PBANKA_060270	PCHAS_060450	2.65437	3.22667	3.03999	2.16488	3.43357	2.95457	0.32107	0.2102612	2.16488	py	0.1644318	3.433566	pb
PFL0190w	PKH_130250	PVX_084235	PY03025	PBANKA_060280	PCHAS_060460	0.60779	4.47721	2.32651	5.8141	2.57872	4.29382	1.33054	1.077218	0.60779	pf	1.253778	4.477209	pk
PFL0200c	PKH_130270	PVX_084245	PY00981	PBANKA_060300	PCHAS_060480	2.87882	4.96429	1.56389	1.17067	3.78019	3.27541	1.06775	0.8642069	4.96429	pk	0.7515268	1.563889	pv
PFL0205w	PKH_130280	PVX_084250	PY00982	PBANKA_060310	PCHAS_060490	3.88116	4.36275	2.6441	4.88734	2.93116	2.56174	0.83237	0.6076141	4.88734	py	0.7595177	2.931164	pb
PFL0210c	PKH_130290	PVX_084255	PY00983	PBANKA_060320	PCHAS_060500	2.85698	1.95918	4.33905	2.64601	3.42862	3.70443	0.66832	0.5080964	1.95918	pk	0.4075134	4.33905	pv
PFL0225c	PKH_130310	PVX_084265	PY04716	PBANKA_060340	PCHAS_060520	2.71634	3.96938	3.7751	4.00026	2.78433	3.92539	0.43654	0.2820426	2.71634	pf	0.3415559	3.969377	pk
PFL0230w	PKH_130320	PVX_084270	PY04717	PBANKA_060350	PCHAS_060530	1.85454	5.26009	2.65661	5.34662	3.13996	1.87716	1.22639	0.9509755	5.26009	pk	1.0247889	2.656612	pv
PFL0315c	PKH_130540	PVX_084350	PY01844	PBANKA_060490	PCHAS_060670	5.56734	5.82504	5.5291	0.29322	5.48969	0.01899	0.35291	0.2216821	0.29322	py	0.2576905	5.489695	pb
PFL0320w	PKH_130550	PVX_084355	PY01845	PBANKA_060500	PCHAS_060680	5.72642	5.7928	5.86103	4.71178	4.33305	5.87349	0.45934	0.2592636	4.33305	pb	0.3039058	5.873494	pc
PFL0325w	PKH_130555	PVX_084360	PY01846	PBANKA_060510	PCHAS_060690	0.76025	4.49363	0.34458	0.66806	0.24977	1.26955	0.64884	0.2870897	4.49363	pk	0.2779923	0.344576	pv
PFL0330c	PKH_130560	PVX_084365	PY01847	PBANKA_060520	PCHAS_060700	1.70419	1.86048	1.84436	2.06311	1.48543	1.68302	0.14922	0.1072781	2.06311	py	0.0794083	1.485432	pb
PFL0390c	PKH_130670	PVX_084425	PY04167	PBANKA_060630	PCHAS_060810	1.37261	2.58293	0.25198	5.01799	0.76198	1.85323	1.01	0.6844404	5.01799	py	0.7028933	0.761978	pb
PFL0405w	PKH_130700	PVX_084440	PY03518	PBANKA_060660	PCHAS_060840	1.58904	0.95182	1.88397	1.77733	1.05743	1.59796	0.27683	0.2029653	0.95182	pk	0.1822041	1.883972	pv
PFL0410w	PKH_130710	PVX_084445	PY00076	PBANKA_060670	PCHAS_060850	6.10381	3.63615	5.59571	4.75156	3.85509	5.13179	0.76475	0.6472522	6.10381	pf	0.5302133	3.636154	pk

PFL0440c	PKH_130770	PVX_084470	PY06576	PBANKA_060730	PCHAS_060910	0.80512	5.11655	0.42677	1.5786	1.04724	1.28539	0.641	0.3264205	5.11655	pk	0.2529068	0.426767	pv
PFL0450c	PKH_130790	PVX_084480	PY06694	PBANKA_060750	PCHAS_060930	2.42618	6.26115	2.12613	4.43472	3.04714	2.94746	0.98317	0.58591	6.26115	pk	0.5270546	2.126128	pv
PFL0460w	PKH_130810	PVX_084490	PY03614	PBANKA_060760	PCHAS_060940	1.84702	3.21782	2.57074	6.07661	3.15021	2.76178	0.81977	0.3900536	6.07661	py	0.3904592	3.150209	pb
PFL0470w	PKH_130830	PVX_084500	PY07576	PBANKA_060780	PCHAS_060960	6.19322	5.32416	5.11912	5.66654	5.48881	5.44152	0.24396	0.1424125	6.19322	pf	0.1486774	5.324164	pk
PFL0480w	PKH_130850	PVX_084510	PY01828	PBANKA_060800	PCHAS_060980	6.08783	2.99445	6.18323	4.7759	5.40095	3.6455	1.04269	0.7699328	2.99445	pk	0.7668463	6.18323	pv
PFL0495c	PKH_130880	PVX_084520	PY01826	PBANKA_060830	PCHAS_061010	3.93488	3.22144	3.75469	2.77964	3.4478	5.40152	0.60704	0.3376988	5.40152	pc	0.2550842	2.779644	py
PFL0500w	PKH_130900	PVX_084525	PY03485	PBANKA_060840	PCHAS_061020	4.08154	4.81289	2.62111	2.54776	3.23746	2.35066	0.76873	0.4841162	4.81289	pk	0.6051453	2.62111	pv
PFL0505c	PKH_130910	PVX_084535	PY03484	PBANKA_060850	PCHAS_061030	5.08515	0.18046	6.14189	6.13612	6.03999	6.23244	0.26278	0.103994	5.08515	pf	0.0495552	0.180456	pk
PFL0510c	PKH_130920	PVX_084540	PY03482	PBANKA_060860	PCHAS_061040	0.7743	3.58556	0.74802	1.45794	0.89249	1.95445	0.76386	0.3780136	3.58556	pk	0.4363991	0.748016	pv
PFL0515w	PKH_130930	PVX_084545	PY07010	PBANKA_060870	PCHAS_061050	2.14806	2.85393	2.20886	6.00426	2.74716	2.10917	0.63861	0.2687715	6.00426	py	0.2013892	2.74716	pb
PFL0520c	PKH_130950	PVX_084555	PY03064	PBANKA_060890	PCHAS_061070	0.9645	2.12658	2.77201	2.54409	3.63383	2.43276	0.57102	0.3692994	0.9645	pf	0.3572461	2.126577	pk
PFL0525w	PKH_130960	PVX_084560	PY03063	PBANKA_060900	PCHAS_061080	1.24571	2.58028	2.35281	0.06183	1.79294	2.04269	0.64588	0.3788892	0.06183	py	0.4111752	1.792943	pb
PFL0530c	PKH_130970	PVX_084565	PY02289	PBANKA_060910	PCHAS_061090	1.03029	0.95301	1.03537	2.12764	0.53373	1.33376	0.32996	0.1764767	2.12764	py	0.0964582	0.533735	pb
PFL0535c	PKH_130980	PVX_084570	PY02288	PBANKA_060920	PCHAS_061100	4.34828	5.43718	3.4889	0.92896	3.66606	5.52276	1.11147	0.7609946	0.92896	py	0.7806881	3.666063	pb
PFL0565w	PKH_131040	PVX_084600	PY01224	PBANKA_060990	PCHAS_061160	2.57375	2.00771	3.59654	1.1285	3.97877	6.27599	1.17001	0.887821	6.27599	pc	0.7585205	3.978771	pb
PFL0580w	PKH_131065	PVX_084615	PY04668	PBANKA_061020	PCHAS_061190	4.37981	5.34014	5.0607	4.41163	4.76591	4.75	0.27088	0.2070335	5.34014	pk	0.181117	5.060699	pv
PFL0590c	PKH_131080	PVX_084625	PY03970	PBANKA_061040	PCHAS_061210	1.49182	1.3652	0.72172	2.90091	1.46653	1.9143	0.45893	0.2638427	2.90091	py	0.3298034	1.466531	pb
PFL0600w	PKH_131100	PVX_084635	PY06936	PBANKA_061060	PCHAS_061230	3.72848	2.8331	2.70564	0.99036	4.86174	5.32407	1.23086	0.9294141	0.99036	py	0.8784522	4.861737	pb
PFL0615w	PKH_142970	PVX_123325	PY06588	PBANKA_142840	PCHAS_143020	3.60876	3.18098	2.23196	3.76751	4.30078	5.0518	0.68306	0.5125687	2.23196	pv	0.6407109	3.767508	py
PFL0620c	PKH_142980	PVX_123330	PY06015	PBANKA_142850	PCHAS_143030	3.14855	5.73831	3.98168	3.79684	2.63224	5.33907	0.91357	0.7079917	5.73831	pk	0.8387797	3.981681	pv
PFL0625c	PKH_143000	PVX_123340	PY04546	PBANKA_142870	PCHAS_143050	2.11503	1.7568	2.55312	2.28932	2.1893	2.09099	0.17815	0.1272857	1.7568	pk	0.0681502	2.553123	pv
PFL0630w	PKH_143010	PVX_123345	PY04921	PBANKA_142880	PCHAS_143060	5.0379	0.85259	5.5039	4.91791	3.95837	4.67263	0.68811	0.3821614	0.85259	pk	0.3312045	5.503903	pv

PFL0635c	PKH_143020	PVX_123350	PY04922	PBANKA_142 890	PCHAS_14307 0	0.70623	0.52901	5.93492	0.67117	2.58083	3.89564	1.0275	0.6212624	3.89564	pc	0.2991622	2.580832	pb
PFL0660w	PKH_143090	PVX_123370	PY02016	PBANKA_142 940	PCHAS_14313 0	3.66261	4.96879	5.76348	5.3655	5.62556	4.84824	0.54582	0.3144018	3.66261	pf	0.293827	4.968795	pk
PFL0665c	PKH_143100	PVX_123375	PY02017	PBANKA_142 950	PCHAS_14314 0	1.95249	1.74556	2.08472	0.81235	2.53204	6.23215	0.67707	0.4117723	6.23215	pc	0.369829	2.532039	pb
PFL0670c	PKH_143110	PVX_123380	PY02018	PBANKA_142 960	PCHAS_14315 0	2.377	3.89834	1.63514	2.60473	2.75367	2.88294	0.48635	0.3248949	3.89834	pk	0.1637222	1.635139	pv
PFL0680c	PKH_143130	PVX_123390	PY02020	PBANKA_142 980	PCHAS_14317 0	4.31802	2.8175	4.50617	4.85168	3.45536	0.87672	0.98781	0.6169973	0.87672	pc	0.3961167	2.8175	pk
PFL0690c	PKH_143150	PVX_123400	PY02023	PBANKA_143 000	PCHAS_14319 0	2.88535	3.24557	3.38443	2.17396	3.31783	1.58681	0.55029	0.3285912	1.58681	pc	0.1428355	2.173957	py
PFL0692c	PKH_143160	PVX_123405	PY02024	PBANKA_143 010	PCHAS_14320 0	2.62665	3.00912	2.34311	2.40916	3.42472	3.83921	0.48235	0.3363131	3.83921	pc	0.2208735	3.424718	pb
PFL0705c	PKH_143180	PVX_123415	PY07468	PBANKA_143 040	PCHAS_14323 0	2.08059	2.98748	1.21269	5.67272	3.04599	1.94833	0.92725	0.5744915	5.67272	py	0.4767634	3.045994	pb
PFL0730w	PKH_143230	PVX_123440	PY02748	PBANKA_143 090	PCHAS_14328 0	1.97475	3.32467	0.21319	3.91451	4.23879	3.5818	0.96141	0.5707766	0.21319	pv	0.6302935	3.91451	py
PFL0735w	PKH_143240	PVX_123445	PY02749	PBANKA_143 100	PCHAS_14329 0	4.51683	3.49508	3.93504	4.35454	3.31561	3.01805	0.49628	0.4121361	3.01805	pc	0.369723	4.51683	pf
PFL0745c	PKH_143260	PVX_123455	PY07048	PBANKA_143 110	PCHAS_14331 0	4.35198	0.59275	4.91066	5.00725	3.35539	4.23003	0.80941	0.4664994	0.59275	pk	0.4434538	4.910662	pv
PFL0765w	PKH_143300	PVX_123475	PY02272	PBANKA_143 160	PCHAS_14336 0	3.09532	5.82117	5.54637	3.2568	4.02697	4.58872	0.92953	0.7565951	5.82117	pk	0.5658937	5.546372	pv
PFL0780w	PKH_143330	PVX_123490	PY05585	PBANKA_143 190	PCHAS_14339 0	1.83622	0.05283	1.86261	3.2222	3.11609	4.46724	1.17565	0.7981225	0.05283	pk	0.6842841	1.862614	pv
PFL0785c	PKH_143350	PVX_123495	PY05584	PBANKA_143 200	PCHAS_14340 0	1.14722	5.54949	2.29442	2.15912	3.51399	1.57339	0.99677	0.6175584	5.54949	pk	0.7381252	2.294415	pv
PFL0795c	PKH_143370	PVX_123505	PY00179	PBANKA_143 220	PCHAS_14342 0	0.83881	6.23368	3.62943	5.79016	0.00731	3.03582	1.1797	0.7985809	3.03582	pc	0.3471624	3.629428	pv
PFL0805w	PKH_143390	PVX_123515	PY00181	PBANKA_143 240	PCHAS_14344 0	1.58788	3.68978	0.21695	6.2528	1.1583	2.79053	1.12055	0.8383687	3.68978	pk	0.8126233	0.216951	pv
PFL0815w	PKH_143400	PVX_123520	PY01558	PBANKA_143 250	PCHAS_14345 0	2.32893	1.59561	2.16224	2.0011	0.70808	2.19542	0.39697	0.1855303	0.70808	pb	0.2236176	2.195423	pc
PFL0820c	PKH_143410	PVX_123525	PY01559	PBANKA_143 260	PCHAS_14346 0	3.42074	3.39272	5.25942	4.72703	3.67706	3.31952	0.58842	0.3383705	5.25942	pv	0.0963902	4.727035	py
PFL0830w	PKH_143430	PVX_123535	PY01560	PBANKA_143 280	PCHAS_14348 0	1.41613	0.95589	1.69236	1.83856	0.88209	1.61389	0.31512	0.2317815	0.88209	pb	0.2897269	1.613888	pc
PFL0835w	PKH_143440	PVX_123540	PY05368	PBANKA_143 290	PCHAS_14349 0	4.17965	3.51329	2.88536	2.93401	2.33689	2.15047	0.54237	0.3919893	4.17965	pf	0.3330056	3.513286	pk
PFL0845w	PKH_143460	PVX_123550	PY04727	PBANKA_143 310	PCHAS_14351 0	1.03966	1.20584	0.66803	5.868	6.22893	5.71443	0.65862	0.5383244	1.20584	pk	0.4923355	0.668026	pv
PFL0850w	PKH_143470	PVX_123555	PY04728	PBANKA_143 320	PCHAS_14352 0	0.59586	3.25458	0.07585	5.88362	1.32945	1.51722	0.97152	0.6340755	3.25458	pk	0.6625931	0.075853	pv

PFL0860c	PKH_143490	PVX_123565	PY04730	PBANKA_143340	PCHAS_143540	1.33641	0.19307	0.78248	1.42729	1.01478	1.83116	0.43409	0.292237	0.19307	pk	0.2268122	0.782478	pv
PFL0865w	PKH_143500	PVX_123570	PY04731	PBANKA_143350	PCHAS_143550	5.41262	0.44276	6.2283	2.78265	4.77609	2.3618	1.33662	1.0364435	2.78265	py	0.9324999	4.776086	pb
PFL0870w	PKH_143510	PVX_123575	PY04732	PBANKA_143360	PCHAS_143560	6.16408	0.15168	5.99253	5.70939	6.17682	5.76538	0.21808	0.1732249	0.15168	pk	0.2165311	5.99253	pv
PFL0925w	PKH_143610	PVX_123615	PY01855	PBANKA_143460	PCHAS_143660	4.55404	6.22405	5.67112	4.60802	5.6408	5.34416	0.50496	0.4299723	6.22405	pk	0.4557258	5.67112	pv
PFL0930w	PKH_143620	PVX_123620	PY01854	PBANKA_143470	PCHAS_143670	3.41787	0.2068	3.75617	4.61314	3.74262	6.00444	1.03182	0.691418	0.2068	pk	0.8642725	3.756167	pv
PFL0950c	PKH_143630	PVX_123625	PY01853	PBANKA_143480	PCHAS_143680	2.00766	5.58658	2.62607	5.65584	3.31722	1.2439	1.3385	1.0653464	5.58658	pk	1.1770817	2.626067	pv
PFL0965c	PKH_143660	PVX_123640	PY01806	PBANKA_143520	PCHAS_143720	0.75134	3.31566	0.30537	0.20389	0.08748	1.33182	0.80035	0.3583587	3.31566	pk	0.4479483	0.305368	pv
PFL0970w	PKH_143670	PVX_123645	PY01805	PBANKA_143530	PCHAS_143730	1.94152	2.31839	3.01915	5.63134	5.29386	0.30093	1.43655	1.1376917	5.29386	pb	1.0119685	0.300935	pc
PFL0975w	PKH_143690	PVX_123655	PY05225	PBANKA_143550	PCHAS_143750	4.91185	5.06574	5.2661	3.05824	4.81049	5.05299	0.43404	0.1219011	3.05824	py	0.0917508	4.810485	pb
PFL0990w	PKH_143720	PVX_123670	PY06627	PBANKA_143580	PCHAS_143780	3.35886	4.54797	3.03963	4.74501	3.85799	4.15134	0.53131	0.4152259	3.03963	pv	0.3706145	4.745011	py
PFL1010c	PKH_143760	PVX_123685	PY03491	PBANKA_143620	PCHAS_143820	4.55545	3.51579	4.68945	0.91382	4.93517	5.10143	0.74549	0.3930744	0.91382	py	0.4299129	4.935171	pb
PFL1020w	PKH_143780	PVX_123695	PY05399	PBANKA_143640	PCHAS_143840	2.62248	0.06938	5.68796	0.07374	2.0123	4.93617	1.0969	0.8056563	2.62248	pf	1.0070704	0.069381	pk
PFL1030w	PKH_143800	PVX_123705	PY01137	PBANKA_143660	PCHAS_143860	0.36537	4.09038	0.64174	5.68735	0.2213	3.04984	1.10405	0.7591511	3.04984	pc	0.345412	4.090375	pk
PFL1035w	PKH_143810	PVX_123710	PY01136	PBANKA_143670	PCHAS_143870	3.1341	2.62524	2.57157	2.28257	4.12917	2.3533	0.44684	0.2246939	4.12917	pb	0.2262992	2.353301	pc
PFL1040w	PKH_143820	PVX_123715	PY01135	PBANKA_143680	PCHAS_143880	3.83686	6.27139	3.84005	4.95413	3.81675	3.38888	0.67051	0.3177094	6.27139	pk	0.3963407	3.840048	pv
PFL1050w	PKH_143840	PVX_123725	PY03215	PBANKA_143700	PCHAS_143900	4.44828	5.40648	4.28221	3.04631	3.95223	3.7124	0.571	0.394355	5.40648	pk	0.4104502	4.282205	pv
PFL1055c	PKH_143850	PVX_123730	PY03216	PBANKA_143710	PCHAS_143910	1.13218	0.66404	0.43474	5.99745	0.1597	2.94942	0.73949	0.3844514	2.94942	pc	0.3004456	5.997453	py
PFL1090w	PKH_143920	PVX_123765	PY03448	PBANKA_143760	PCHAS_143960	5.8587	5.939	6.08307	5.75365	5.71035	5.76344	0.10889	0.0667379	6.08307	pv	0.0809754	5.753651	py
PFL1100w	PKH_143940	PVX_123775	PY03449	PBANKA_143780	PCHAS_143980	3.42519	2.19349	6.10379	5.77644	4.88298	2.09512	1.47903	1.2347844	2.19349	pk	1.2847769	6.103788	pv
PFL1105c	PKH_143950	PVX_123780	PY03450	PBANKA_143790	PCHAS_143990	5.3716	5.06574	5.53211	5.30359	0.03424	5.37619	0.24747	0.1077945	0.03424	pb	0.1335959	5.376193	pc
PFL1110c	PKH_143960	PVX_123785	PY03451	PBANKA_143800	PCHAS_144000	5.40293	5.69709	5.13501	4.00448	5.45393	4.1525	0.54366	0.3727011	4.00448	py	0.4531278	5.453925	pb
PFL1135c	PKH_144020	PVX_123810	PY06737	PBANKA_143850	PCHAS_144050	3.13128	3.17982	4.17888	4.13019	3.81206	2.8545	0.49259	0.3995951	2.8545	pc	0.4077886	4.178883	pv

PFL1140w	PKH_144030	PVX_123815	PY06735	PBANKA_143 860	PCHAS_14406 0	3.4975	2.23889	3.55745	3.94298	3.55171	3.89542	0.35129	0.1578389	2.23889	pk	0.1972987	3.557449	pv
PFL1150c	PKH_144050	PVX_123825	PY06733	PBANKA_143 880	PCHAS_14408 0	3.44205	3.07504	2.80702	2.48038	2.94469	2.44652	0.28798	0.2185652	3.44205	pf	0.2062005	3.075043	pk
PFL1155w	PKH_144060	PVX_123830	PY03300	PBANKA_143 890	PCHAS_14409 0	3.169	2.22458	2.83074	1.35999	2.43589	2.68768	0.44449	0.2678542	1.35999	py	0.2718698	2.435893	pb
PFL1160c	PKH_144070	PVX_123835	PY03299	PBANKA_143 900	PCHAS_14410 0	5.23012	5.39787	5.18098	4.89521	5.2317	5.46537	0.13144	0.0904269	4.89521	py	0.1130336	5.231696	pb
PFL1170w	PKH_144100	PVX_123845	PY05398	PBANKA_143 920	PCHAS_14412 0	1.80965	1.96234	3.20301	5.71523	0.81361	1.88054	0.83176	0.5084187	5.71523	py	0.3687898	0.813608	pb
PFL1175w	PKH_144110	PVX_123850	PY05853	PBANKA_143 930	PCHAS_14413 0	1.47377	1.20437	6.15014	0.18455	0.43025	0.58164	0.46301	0.3469032	1.47377	pf	0.2400974	1.204374	pk
PFL1190c	PKH_144140	PVX_123865	PY02470	PBANKA_143 960	PCHAS_14416 0	5.85328	1.53926	4.36731	2.78757	4.80481	3.64179	1.17613	0.8457458	1.53926	pk	1.0571823	4.367311	pv
PFL1195w	PKH_144150	PVX_123870	PY07238	PBANKA_143 970	PCHAS_14417 0	5.64016	3.79164	5.23351	4.76095	4.27254	3.16081	0.73494	0.5618987	3.16081	pc	0.4825725	5.640158	pf
PFL1200c	PKH_144160	PVX_123875	PY07239	PBANKA_143 980	PCHAS_14418 0	1.35992	4.98263	1.61971	6.04672	5.56215	5.88039	0.86126	0.6290094	1.61971	pv	0.7446785	6.046721	py
PFL1210w	PKH_144190	PVX_123885	PY07371	PBANKA_144 000	PCHAS_14420 0	2.90991	3.51293	2.65081	0.04447	4.213	1.88342	1.00952	0.6383394	0.04447	py	0.4721522	4.213	pb
PFL1215c	PKH_144200	PVX_123890	PY05789	PBANKA_144 010	PCHAS_14421 0	1.39097	2.03974	2.6077	0.70946	0.63238	0.91806	0.62975	0.4177744	2.6077	pv	0.470068	0.709456	py
PFL1220w	PKH_144210	PVX_123895	PY05790	PBANKA_144 020	PCHAS_14422 0	1.40364	0.15601	6.16669	2.08305	0.20441	1.81801	0.84346	0.636425	2.08305	py	0.7955312	0.204414	pb
PFL1225c	PKH_144220	PVX_123900	PY05791	PBANKA_144 030	PCHAS_14423 0	1.27656	1.38252	2.58178	0.35425	1.24035	1.79249	0.48094	0.3160828	2.58178	pv	0.1645269	0.354252	py
PFL1230w	PKH_144230	PVX_123905	PY05849	PBANKA_144 040	PCHAS_14424 0	1.48119	1.48024	4.10494	1.28992	0.83731	1.28742	0.60862	0.1673425	4.10494	pv	0.2091781	1.289923	py
PFL1235c	PKH_144240	PVX_123910	PY05850	PBANKA_144 050	PCHAS_14425 0	1.93539	2.57562	3.21856	2.31448	3.44683	1.38619	0.60082	0.4831037	1.38619	pc	0.3860765	3.446829	pb
PFL1240c	PKH_144250	PVX_123915	PY05852	PBANKA_144 060	PCHAS_14426 0	2.09447	3.59117	3.28974	1.92025	1.57476	1.49282	0.66459	0.4633245	3.59117	pk	0.2367842	3.289737	pv
PFL1245w	PKH_144260	PVX_123920	PY01879	PBANKA_144 070	PCHAS_14427 0	3.216	6.12297	3.36492	4.96138	2.3749	2.87329	0.99752	0.6156244	6.12297	pk	0.7322994	3.364921	pv
PFL1255c	PKH_144280	PVX_123930	PY01881	PBANKA_144 090	PCHAS_14429 0	2.90142	2.91907	3.46656	5.19377	3.37038	2.32143	0.64813	0.3228186	5.19377	py	0.2906956	3.370376	pb
PFL1335w	PKH_144440	PVX_124010	PY00535	PBANKA_144 230	PCHAS_14444 0	4.76358	5.63836	5.06088	5.35216	4.908	5.14354	0.2336	0.1648218	5.63836	pk	0.2060273	5.060884	pv
PFL1345c	PKH_144460	PVX_124020	PY03999	PBANKA_144 250	PCHAS_14447 0	1.55676	0.57784	0.70694	2.34758	0.79298	1.264	0.5151	0.3071954	2.34758	py	0.3839942	0.792976	pb
PFL1350w	PKH_144470	PVX_124025	PY04000	PBANKA_144 260	PCHAS_14448 0	1.97453	3.8418	3.32237	4.18943	2.39509	2.10844	0.81259	0.6162385	4.18943	py	0.7702981	2.395089	pb
PFL1355w	PKH_144480	PVX_124030	PY04001	PBANKA_144 270	PCHAS_14449 0	3.44989	3.23475	3.40696	3.31498	2.89765	3.77988	0.19822	0.136007	2.89765	pb	0.0767793	3.77988	pc

PFL1365w	PKH_144500	PVX_124040	PY04004	PBANKA_144 290	PCHAS_14451 0	4.13675	2.35202	2.5458	5.66366	1.95109	1.11078	1.0987	0.7241339	5.66366	py	0.804937	1.951093	pb
PFL1370w	PKH_144510	PVX_124045	PY04005	PBANKA_144 300	PCHAS_14452 0	4.52714	4.37069	5.10838	5.18823	5.34985	5.04052	0.28469	0.1940853	4.37069	pk	0.2426066	5.108381	pv
PFL1375w	PKH_144520	PVX_124050	PY05683	PBANKA_144 310	PCHAS_14453 0	1.69935	2.60282	1.57567	2.65573	5.70573	4.58275	1.17773	0.7926924	5.70573	pb	0.4958829	4.582752	pc
PFL1380w	PKH_144530	PVX_124055	PY02882	PBANKA_144 320	PCHAS_14454 0	4.61024	0.24002	3.13785	2.32889	3.16117	3.79174	0.97607	0.5870482	0.24002	pk	0.7279788	3.137846	pv
PFL1385c	PKH_144540	PVX_124060	PY02883	PBANKA_144 330	PCHAS_14455 0	5.39431	5.73444	5.31953	3.55314	4.86416	4.83583	0.53252	0.2857502	3.55314	py	0.2433457	4.864164	pb
PFL1390w	PKH_144550	PVX_124065	PY02884	PBANKA_144 340	PCHAS_14456 0	4.49563	5.99086	3.78069	3.6479	3.33283	3.319	0.66124	0.3248963	5.99086	pk	0.3729236	3.780689	pv
PFL1395c	PKH_144560	PVX_124070	PY01983	PBANKA_144 350	PCHAS_14457 0	4.2269	4.12246	4.83385	2.65439	3.80769	5.65956	0.68929	0.5126523	2.65439	py	0.5360136	3.807688	pb
PFL1420w	PKH_144610	PVX_124095	PY05452	PBANKA_144 400	PCHAS_14462 0	3.08086	3.03954	2.93828	5.64951	3.31623	2.74635	0.55374	0.1424934	5.64951	py	0.1089439	3.316229	pb
PFL1425w	PKH_144620	PVX_124100	PY07337	PBANKA_144 410	PCHAS_14463 0	2.69243	2.68725	2.64275	2.60807	2.67355	2.74593	0.03354	0.0257711	2.74593	pc	0.015844	2.608073	py
PFL1430c	PKH_144630	PVX_124105	PY07335	PBANKA_144 420	PCHAS_14464 0	4.49575	0.51009	2.72678	0.08828	1.95089	3.02187	1.28252	1.0300566	4.49575	pf	0.9273705	0.510086	pk
PFL1435c	PKH_144660	PVX_124120	PY02134	PBANKA_144 450	PCHAS_14467 0	5.93155	6.13151	5.56918	2.66403	5.79146	6.00117	0.63128	0.1544075	2.66403	py	0.1579865	5.791456	pb
PFL1440c	PKH_144680	PVX_124130	PY02515	PBANKA_144 460	PCHAS_14468 0	4.73365	4.11878	4.14164	5.20764	3.36257	2.03959	0.76033	0.491987	2.03959	pc	0.3484847	5.207641	py
PFL1450c	PKH_144700	PVX_124145	PY07066	PBANKA_144 480	PCHAS_14470 0	0.37704	3.23219	0.42498	0.16279	0.55288	5.80373	0.69161	0.2589056	3.23219	pk	0.3116463	0.424983	pv
PFL1465c	PKH_144730	PVX_124160	PY03772	PBANKA_144 510	PCHAS_14473 0	3.94336	0.25927	2.93241	5.92835	3.15602	3.61678	1.11816	0.7566566	0.25927	pk	0.774727	2.932408	pv
PFL1470c	PKH_144740	PVX_124165	PY03773	PBANKA_144 520	PCHAS_14474 0	1.69973	1.4466	2.12237	1.75486	1.39654	2.17176	0.25102	0.2068178	2.17176	pc	0.1528632	2.122366	pv
PFL1475w	PKH_144750	PVX_124170	PY03774	PBANKA_144 530	PCHAS_14475 0	2.73128	2.37757	2.69145	1.67395	3.55924	1.56587	0.56076	0.4365807	3.55924	pb	0.3428024	1.565871	pc
PFL1480w	PKH_144760	PVX_124175	PY03775	PBANKA_144 540	PCHAS_14476 0	0.462	0.13413	4.48126	3.95393	1.13793	3.3445	1.46732	1.1462214	3.3445	pc	1.181825	1.137933	pb
PFL1485w	PKH_144770	PVX_124180	PY01573	PBANKA_144 550	PCHAS_14477 0	1.8712	2.60763	2.15431	2.49174	0.92694	2.53551	0.44707	0.2235268	0.92694	pb	0.2684667	2.535508	pc
PFL1490w	PKH_144780	PVX_124185	PY01572	PBANKA_144 560	PCHAS_14478 0	1.17245	1.73129	1.75856	1.64959	0.44691	1.14653	0.39559	0.2341741	0.44691	pb	0.1669528	1.146527	pc
PFL1495w	PKH_144790	PVX_124190	PY05253	PBANKA_144 570	PCHAS_14479 0	5.07871	0.00488	6.22212	1.14034	2.67358	2.42398	1.24976	1.0307514	5.07871	pf	1.004574	0.004878	pk
PFL1505c	PKH_144810	PVX_124200	PY05255	PBANKA_144 590	PCHAS_14481 0	6.1673	0.05879	1.10078	4.35412	5.41451	5.92484	0.69996	0.4773193	4.35412	py	0.4084528	5.41451	pb
PFL1530w	PKH_144890	PVX_100535	PY06041	PBANKA_144 650	PCHAS_14487 0	2.7848	1.65392	2.19336	2.71772	2.74064	2.63167	0.29404	0.140082	1.65392	pk	0.0440129	2.193358	pv

PFL1540c	PKH_144910	PVX_100545	PY04756	PBANKA_144 670	PCHAS_14489 0	3.7714	3.14504	3.43349	2.6522	3.20557	1.65522	0.493	0.2815299	1.65522	pc	0.2104554	3.771402	pf
PFL1545c	PKH_144920	PVX_100550	PY04757	PBANKA_144 680	PCHAS_14490 0	3.59323	2.84975	2.73632	2.59586	2.87529	2.61465	0.22857	0.1029046	3.59323	pf	0.1002727	2.849751	pk
PFL1550w	PKH_144930	PVX_100555	PY04793	PBANKA_144 690	PCHAS_14491 0	3.51037	3.08915	4.52823	3.2257	3.83437	3.91361	0.4085	0.2866253	4.52823	pv	0.2871143	3.225704	py
PFL1565c	PKH_144960	PVX_100570	PY04962	PBANKA_144 720	PCHAS_14494 0	5.71538	5.58908	5.4861	6.07752	5.65425	5.54736	0.13744	0.0672368	6.07752	py	0.0677526	5.654252	pb
PFL1580w	PKH_144990	PVX_100585	PY04704	PBANKA_144 740	PCHAS_14496 0	5.60255	0.18497	4.98953	5.0018	4.7331	5.29573	0.44034	0.2351299	0.18497	pk	0.2908466	4.989534	pv
PFL1585c	PKH_145010	PVX_100595	PY04705	PBANKA_144 760	PCHAS_14499 0	2.39293	2.42924	1.91773	0.87766	3.20921	2.1539	0.51368	0.3133644	0.87766	py	0.1876376	3.209206	pb
PFL1595w	PKH_145030	PVX_100610	PY04707	PBANKA_144 780	PCHAS_14501 0	3.94132	5.47235	2.99574	2.12771	3.44661	1.33509	1.06696	0.7850252	5.47235	pk	0.9812815	2.995737	pv
PFL1605w	PKH_145050	PVX_100625	PY04935	PBANKA_144 800	PCHAS_14503 0	3.35554	2.93361	2.76672	2.09044	2.85899	2.23891	0.34201	0.2926498	3.35554	pf	0.3240882	2.933612	pk
PFL1610c	PKH_145060	PVX_100630	PY04934	PBANKA_144 810	PCHAS_14504 0	1.73874	1.36045	1.45519	1.73723	2.65268	2.7413	0.42997	0.3151557	2.7413	pc	0.1650821	2.652679	pb
PFL1620w	PKH_145070	PVX_100635	PY03832	PBANKA_144 820	PCHAS_14505 0	3.3674	4.76823	3.56635	2.46176	2.6949	2.14504	0.73338	0.4653908	4.76823	pk	0.3638758	3.566355	pv
PFL1630c	PKH_145090	PVX_100645	PY07835	PBANKA_144 840	PCHAS_14507 0	4.08339	4.24116	3.44966	4.18584	3.69122	4.391	0.26562	0.1715091	3.44966	pv	0.2143864	4.185835	py
PFL1635w	PKH_145100	PVX_100650	PY02388	PBANKA_144 850	PCHAS_14508 0	2.83618	1.15706	3.36778	0.80641	5.06162	0.97681	1.13323	0.88415	5.06162	pb	1.060124	0.976807	pc
PFL1665c	PKH_145160	PVX_100675	PY06202	PBANKA_144 910	PCHAS_14514 0	1.70096	2.91043	2.71776	5.7021	2.9598	3.98806	0.8868	0.5058273	5.7021	py	0.6199436	2.959796	pb
PFL1675c	PKH_145180	PVX_100685	PY03515	PBANKA_144 930	PCHAS_14516 0	1.62961	0.46679	0.91212	2.52762	0.16075	0.28638	0.69257	0.4189214	2.52762	py	0.4471422	0.160748	pb
PFL1680w	PKH_145190	PVX_100690	PY03514	PBANKA_144 940	PCHAS_14517 0	2.38113	2.40267	2.44529	2.02866	2.17968	4.55636	0.46914	0.1279242	4.55636	pc	0.071786	2.028655	py
PFL1690w	PKH_145210	PVX_100700	PY00508	PBANKA_144 960	PCHAS_14519 0	3.17278	3.63797	5.91255	5.52616	6.13598	1.37705	1.22864	0.9264184	3.17278	pf	0.5893766	3.637966	pk
PFL1705w	PKH_145380	PVX_100715	PY00512	PBANKA_144 990	PCHAS_14522 0	1.62262	1.2349	2.17857	1.06792	1.39487	1.37859	0.25244	0.1429342	2.17857	pv	0.100999	1.06792	py
PFL1710c	PKH_145390	PVX_100720	PY00511	PBANKA_145 000	PCHAS_14523 0	2.71374	1.95853	2.35582	5.33526	5.69837	2.54668	1.14435	0.7469269	5.69837	pb	0.9336586	2.546678	pc
PFL1720w	PKH_145420	PVX_100730	PY00962	PBANKA_145 020	PCHAS_14525 0	4.35751	4.36833	3.96851	4.46149	4.7218	4.26524	0.16006	0.1121079	3.96851	pv	0.1168434	4.461493	py
PFL1725w	PKH_145430	PVX_100735	PY00963	PBANKA_145 030	PCHAS_14526 0	4.00806	2.8767	3.50868	4.86087	3.82928	4.34502	0.49988	0.3735844	2.8767	pk	0.3421362	3.508684	pv
PFL1730c	PKH_145440	PVX_100740	PY00965	PBANKA_145 040	PCHAS_14527 0	2.46119	0.50833	6.23815	5.45703	5.53078	0.87101	0.91069	0.5915807	2.46119	pf	0.6011344	0.508327	pk
PFL1735c	PKH_145450	PVX_100745	PY00967	PBANKA_145 050	PCHAS_14528 0	2.44834	2.18033	2.54395	2.33777	1.68871	0.11196	0.55818	0.2246487	0.11196	pc	0.1185454	1.68871	pb

PFL1740w	PKH_145460	PVX_100750	PY04228	PBANKA_145060	PCHAS_145290	3.95113	3.80535	3.99256	2.05468	3.59767	0.88384	0.86881	0.4582695	0.88384	pc	0.1351688	2.054678	py
PFL1745c	PKH_145470	PVX_100755	PY03171	PBANKA_145070	PCHAS_145300	2.63366	0.44923	0.1231	2.55776	2.06256	3.00712	0.92727	0.6257956	0.1231	pv	0.7822445	2.557757	py
PFL1760w	PKH_145500	PVX_100770	PY06123	PBANKA_145100	PCHAS_145330	0.68599	0.54961	3.7998	5.9706	4.102	4.36013	1.25177	0.9803181	0.68599	pf	0.6072321	0.549607	pk
PFL1775c	PKH_145530	PVX_100785	PY05542	PBANKA_145130	PCHAS_145360	3.22342	3.31889	3.29707	1.67855	2.89703	2.37905	0.48079	0.267976	1.67855	py	0.2533724	2.897031	pb
PFL1780w	PKH_145540	PVX_100790	PY05541	PBANKA_145140	PCHAS_145370	4.85741	5.76287	2.66141	6.10247	2.85374	0.04887	1.28181	0.9446748	2.66141	pv	1.0959443	6.102465	py
PFL1785c	PKH_145550	PVX_100795	PY05540	PBANKA_145150	PCHAS_145380	5.59278	4.35336	5.91396	5.6191	5.23313	5.25467	0.38078	0.2090512	4.35336	pk	0.1810183	5.913962	pv
PFL1790w	PKH_145560	PVX_100800	PY05539	PBANKA_145160	PCHAS_145390	3.08179	5.40802	3.38962	3.84878	3.53638	3.61833	0.47789	0.1991396	5.40802	pk	0.2122337	3.389619	pv
PFL1795c	PKH_145570	PVX_100805	PY05538	PBANKA_145170	PCHAS_145400	2.18799	1.14545	2.22351	1.61748	2.25722	1.84666	0.34319	0.2033185	1.14545	pk	0.2452669	2.223511	pv
PFL1820w	PKH_145620	PVX_100830	PY03590	PBANKA_145220	PCHAS_145450	1.44488	1.81388	2.03099	1.38645	1.22216	0.46918	0.36866	0.2472511	0.46918	pc	0.1625363	2.030987	pv
PFL1825w	PKH_145640	PVX_100835	PY03591	PBANKA_145230	PCHAS_145460	4.20237	3.60919	2.76278	6.0342	3.53863	1.81691	0.95457	0.6463734	6.0342	py	0.8079668	3.538625	pb
PFL1830w	PKH_145650	PVX_100840	PY06022	PBANKA_145240	PCHAS_145470	2.15263	2.91682	2.81493	5.92384	4.33958	2.4648	0.95798	0.5277928	5.92384	py	0.2785799	4.339579	pb
PFL1835w	PKH_145660	PVX_100845	PY04830	PBANKA_145250	PCHAS_145480	0.16424	2.89235	1.52469	1.83454	2.67795	1.95912	0.66766	0.4422152	0.16424	pf	0.3194603	2.892351	pk
PFL1845c	PKH_145680	PVX_100855	PY04829	PBANKA_145260	PCHAS_145490	2.83291	2.71694	1.41436	2.65892	3.20551	1.8938	0.46471	0.2971412	1.41436	pv	0.3569194	2.658915	py
PFL1855w	PKH_145700	PVX_100865	PY04825	PBANKA_145280	PCHAS_145510	1.78195	0.92061	1.97034	0.77806	0.64455	0.74163	0.41811	0.2632761	1.97034	pv	0.3290952	0.778063	py
PFL1915w	PKH_145750	PVX_100925	PY04024	PBANKA_145400	PCHAS_145630	3.85331	4.05828	2.65864	2.68315	4.87175	3.27333	0.6947	0.5139606	4.87175	pb	0.6424508	3.27333	pc
PFL1935c	PKH_145790	PVX_100945	PY02218	PBANKA_145430	PCHAS_145660	1.73227	1.15428	3.15509	1.70281	2.76267	1.78353	0.51866	0.3378231	3.15509	pv	0.4149135	1.702806	py
PFL1940w	PKH_145800	PVX_100950	PY02220	PBANKA_145440	PCHAS_145670	0.8611	3.38706	3.06414	0.79616	3.14628	2.69463	0.87426	0.595522	0.79616	py	0.7238684	3.14628	pb
PFL1975c	PKH_145810	PVX_100955	PY02221	PBANKA_145450	PCHAS_145680	0.92199	3.33662	2.84009	4.21057	2.69658	0.82722	0.99025	0.8855005	4.21057	py	1.1068756	2.696582	pb
PFL1980c	PKH_145820	PVX_100960	PY02222	PBANKA_145460	PCHAS_145690	2.879	4.88621	5.13811	3.05838	5.08539	5.51539	0.81922	0.5417811	2.879	pf	0.62743	4.886209	pk
PFL1985c	PKH_145830	PVX_100965	PY03465	PBANKA_145470	PCHAS_145700	3.70426	3.19762	3.0143	2.26509	2.5583	1.97276	0.52	0.3948137	3.70426	pf	0.3336871	3.197619	pk
PFL1995c	PKH_145850	PVX_100975	PY01495	PBANKA_145490	PCHAS_145720	2.91966	4.16616	6.13996	4.92248	4.23352	5.40234	0.85757	0.628524	2.91966	pf	0.5965762	4.166164	pk
PFL2000w	PKH_145860	PVX_100980	PY01494	PBANKA_145500	PCHAS_145730	3.70499	2.91253	2.07937	5.71116	0.9951	4.98485	1.40233	1.1230741	5.71116	py	0.9244841	0.995096	pb

PFL2010c	PKH_145900	PVX_100990	PY01492	PBANKA_145520	PCHAS_145750	1.60453	1.01562	2.27305	1.95892	0.6557	1.68102	0.43952	0.3223608	0.6557	pb	0.402951	1.681024	pc
PFL2015w	PKH_145910	PVX_100995	PY01491	PBANKA_145530	PCHAS_145760	0.59086	2.49851	3.71332	0.41136	0.7393	6.2375	0.9991	0.574427	3.71332	pv	0.6731597	0.411359	py
PFL2020c	PKH_145920	PVX_101000	PY01490	PBANKA_145540	PCHAS_145770	3.8395	0.86647	1.04976	1.3253	5.44292	5.81932	1.10871	0.7358392	3.8395	pf	0.919799	0.866469	pk
PFL2030w	PKH_145930	PVX_101010	PY01488	PBANKA_145560	PCHAS_145790	2.80017	4.08323	2.19466	2.75289	3.04535	2.74059	0.37344	0.1820557	4.08323	pk	0.0880108	2.194656	pv
PFL2035c	PKH_145940	PVX_101015	PY01487	PBANKA_145570	PCHAS_145800	3.82844	2.51669	1.84056	5.56276	2.83992	1.71207	1.02696	0.623143	5.56276	py	0.698123	2.839916	pb
PFL2045w	PKH_145960	PVX_101025	PY04104	PBANKA_145590	PCHAS_145820	4.10458	4.631	3.54969	2.67848	3.70195	3.04748	0.52698	0.4161145	4.631	pk	0.5201432	3.549695	pv
PFL2060c	PKH_145990	PVX_101040	PY04102	PBANKA_145620	PCHAS_145850	2.90988	0.50925	2.89684	6.06392	2.35837	3.85158	1.16832	0.7787669	6.06392	py	0.8388408	2.358372	pb
PFL2070w	PKH_146010	PVX_101050	PY03571	PBANKA_145640	PCHAS_145870	4.70925	2.62275	4.39266	2.12052	3.65338	1.7952	1.03614	0.8260635	4.70925	pf	1.0325794	2.62275	pk
PFL2075c	PKH_146020	PVX_101055	PY03572	PBANKA_145650	PCHAS_145880	2.28972	3.83925	3.2607	2.20655	0.32077	4.31917	1.10035	0.7324312	0.32077	pb	0.6509216	4.319174	pc
PFL2090c	PKH_146060	PVX_101075	PY01275	PBANKA_145680	PCHAS_145910	4.92706	5.40676	5.07054	4.2261	4.98925	4.86758	0.24097	0.1365325	4.2261	py	0.1706656	4.989247	pb
PFL2095w	PKH_146070	PVX_101080	PY01209	PBANKA_145690	PCHAS_145920	6.19768	0.47676	5.70131	4.05698	5.47519	5.6613	0.57758	0.3642279	4.05698	py	0.3987549	5.475189	pb
PFL2100w	PKH_146080	PVX_101085	PY01211	PBANKA_145700	PCHAS_145930	6.02245	5.6999	5.21085	5.26188	5.69076	5.63195	0.21807	0.1835847	6.02245	pf	0.2124933	5.699897	pk
PFL2105c	PKH_146090	PVX_101090	PY01212	PBANKA_145710	PCHAS_145940	1.355	5.36878	2.06034	1.02112	5.22448	2.81958	1.19782	0.9546395	5.22448	pb	0.8271553	2.81958	pc
PFL2110c	PKH_146100	PVX_101095	PY01213	PBANKA_145720	PCHAS_145950	5.40907	5.22624	5.43166	4.79774	5.44139	5.52805	0.16134	0.0668255	4.79774	py	0.0811	5.441391	pb
PFL2115c	PKH_146110	PVX_101100	PY01214	PBANKA_145730	PCHAS_145960	4.05906	3.52053	2.59137	2.67118	2.35208	1.78798	0.58656	0.4103296	4.05906	pf	0.2806214	3.520528	pk
PFL2120w	PKH_146120	PVX_101105	PY01215	PBANKA_145740	PCHAS_145970	5.65547	2.62275	2.22046	1.54822	2.2465	1.96412	0.70085	0.2713793	5.65547	pf	0.2386526	2.622745	pk
PFL2125c	PKH_146130	PVX_101110	PY06009	PBANKA_145750	PCHAS_145980	1.87858	2.7025	3.04713	0.87205	2.19435	2.03913	0.5257	0.3663842	0.87205	py	0.4579803	2.194348	pb
PFL2140c	PKH_146180	PVX_101125	PY03828	PBANKA_145780	PCHAS_146010	5.57085	6.10784	5.09667	4.02569	4.58227	4.79115	0.56271	0.4119098	6.10784	pk	0.4385093	5.096666	pv
PFL2145w	PKH_146190	PVX_101130	PY00985	PBANKA_145790	PCHAS_146020	0.79399	1.86015	0.56712	1.45448	4.33085	4.47019	1.2178	0.9121006	4.33085	pb	0.4883804	4.470189	pc
PFL2150c	PKH_146200	PVX_101135	PY00986	PBANKA_145800	PCHAS_146030	1.96358	2.80501	2.62067	2.6182	2.29629	2.1219	0.27702	0.2014985	1.96358	pf	0.2051704	2.805015	pk
PFL2165w	PKH_146250	PVX_101150	PY03174	PBANKA_145830	PCHAS_146060	4.95987	4.60497	5.0073	3.31112	4.87474	4.76231	0.36058	0.1199781	3.31112	py	0.1499726	4.874736	pb
PFL2180w	PKH_146280	PVX_101165	PY04814	PBANKA_145860	PCHAS_146090	2.47485	3.49492	2.30284	3.85343	2.60419	3.02411	0.49843	0.3482664	3.85343	py	0.4353331	2.60419	pb

PFL2190c	PKH_146300	PVX_101175	PY06543	PBANKA_145880	PCHAS_146110	0.99646	0.21954	6.14265	2.20473	4.67456	1.27131	1.00035	0.6794071	4.67456	pb	0.7805447	1.271312	pc
PFL2195w	PKH_146310	PVX_101180	PY07827	PBANKA_145890	PCHAS_146120	0.53237	0.09925	1.07966	5.90398	5.06596	0.61498	0.6207	0.3949199	5.06596	pb	0.4729966	0.61498	pc
PFL2200w	PKH_146320	PVX_101185	PY05461	PBANKA_145900	PCHAS_146130	2.89877	2.08862	2.08375	1.1532	1.2986	1.20999	0.56823	0.3618365	2.89877	pf	0.2547912	2.088618	pk
PFL2215w	PKH_146350	PVX_101200	PY02240	PBANKA_145930	PCHAS_146160	5.24012	5.60761	5.45855	4.72071	4.78978	4.4733	0.38708	0.3111334	4.4733	pc	0.2970455	5.607606	pk
PFL2230c	PKH_146390	PVX_101220	PY00407	PBANKA_145960	PCHAS_146190	2.05092	2.49549	2.34715	5.15258	2.12726	1.65927	0.69296	0.2264892	5.15258	py	0.2831115	2.127258	pb
PFL2235w	PKH_146400	PVX_101225	PY00406	PBANKA_145970	PCHAS_146200	1.76283	2.65527	1.71656	0.03881	2.28845	2.3746	0.63335	0.3100958	0.03881	py	0.3876198	2.288452	pb
PFL2240w	PKH_146410	PVX_101230	PY00405	PBANKA_145980	PCHAS_146210	3.42261	2.23664	2.41035	2.90923	3.14708	1.52854	0.55057	0.384541	1.52854	pc	0.3523308	3.422612	pf
PFL2245w	PKH_146420	PVX_101235	PY00404	PBANKA_145990	PCHAS_146220	3.74056	0.01734	4.47752	5.57271	3.70812	5.0574	0.83407	0.6362859	0.01734	pk	0.7953574	4.477519	pv
PFL2275c	PKH_146480	PVX_101260	PY02360	PBANKA_146040	PCHAS_146270	3.01884	2.25507	2.32476	2.49483	3.20707	2.65986	0.30185	0.2197749	3.20707	pb	0.2334606	2.65986	pc
PFL2295w	PKH_146520	PVX_101285	PY01569	PBANKA_146080	PCHAS_146310	1.55486	1.68241	2.15954	1.23369	0.75566	0.52543	0.48034	0.391237	2.15954	pv	0.4890462	1.233693	py
PFL2300w	PKH_146530	PVX_101290	PY01570	PBANKA_146090	PCHAS_146320	4.72672	5.71804	3.84205	5.64771	5.12174	3.97972	0.6565	0.5318585	3.84205	pv	0.5333314	5.647706	py
PFL2305w	PKH_146540	PVX_101295	PY01571	PBANKA_146100	PCHAS_146330	2.30968	0.75339	5.63545	2.16304	2.02742	1.16188	0.8721	0.5114901	5.63545	pv	0.6054585	2.163037	py
PFL2310w	PKH_146550	PVX_101300	PY03562	PBANKA_146110	PCHAS_146340	1.27939	0.9433	5.85205	4.75471	0.15044	1.85409	0.98099	0.6828339	4.75471	py	0.6553295	0.150444	pb
PFL2315c	PKH_146560	PVX_101305	PY03563	PBANKA_146120	PCHAS_146350	4.21787	0.50161	1.64773	5.78034	3.07538	3.56239	1.38931	1.0550216	0.50161	pk	0.8401109	1.647726	pv
PFL2320w	PKH_146570	PVX_101310	PY00380	PBANKA_146130	PCHAS_146360	1.11576	2.63028	0.62996	1.25294	0.43819	4.47894	0.95585	0.5630141	4.47894	pc	0.3251384	2.630279	pk
PFL2325c	PKH_146580	PVX_101315	PY00378	PBANKA_146140	PCHAS_146370	4.39709	0.21371	3.9995	6.02965	0.75936	4.98081	1.03195	0.8259912	0.75936	pb	1.032489	4.980807	pc
PFL2330w	PKH_146590	PVX_101320	PY05458	PBANKA_146150	PCHAS_146380	4.275	4.40981	4.09612	2.08108	0.2127	3.81702	0.86441	0.5573417	0.2127	pb	0.626903	3.81702	pc
PFL2345c	PKH_146620	PVX_101335	PY02897	PBANKA_146180	PCHAS_146410	3.98446	4.83166	4.18606	5.43852	3.85801	3.83068	0.46385	0.2658074	5.43852	py	0.3006464	3.85801	pb
PFL2355w	PKH_146640	PVX_101345	PY02899	PBANKA_146200	PCHAS_146430	1.96754	1.34486	2.00439	2.06783	1.62637	0.75499	0.38559	0.2201978	0.75499	pc	0.1195772	1.344862	pk
PFL2370c	PKH_146670	PVX_101360	PY02902	PBANKA_146230	PCHAS_146460	4.19007	5.89758	5.56632	4.79271	4.95867	5.1803	0.45046	0.3425058	4.19007	pf	0.2488102	5.897585	pk
PFL2400w	PKH_146770	PVX_101395	PY06282	PBANKA_146290	PCHAS_146520	2.00315	1.51946	2.76389	1.97615	0.58416	5.99016	0.8221	0.5326831	5.99016	pc	0.4689174	2.763893	pv
PFL2410w	PKH_146790	PVX_101405	PY06730	PBANKA_146310	PCHAS_146540	6.22458	0.21734	4.73297	0.19683	4.60547	0.22223	0.65382	0.4096784	4.60547	pb	0.5057482	0.222233	pc

PFL2415w	PKH_146800	PVX_101410	PY05367	PBANKA_146320	PCHAS_146550	4.17359	4.07542	3.8717	4.9693	3.60578	3.2469	0.41566	0.2792673	4.9693	py	0.2826031	3.605778	pb
PFL2430c	PKH_146830	PVX_101425	PY03599	PBANKA_146350	PCHAS_146580	1.47892	5.49191	2.99959	1.7816	1.0489	2.45381	0.91641	0.5851158	5.49191	pk	0.4268972	2.999588	pv
PFL2445c	PKH_146860	PVX_101440	PY00647	PBANKA_146380	PCHAS_146610	3.05145	0.63446	3.62655	0.29589	0.36999	1.03538	1.06884	0.6841912	3.62655	pv	0.7705944	0.295886	py
PFL2465c	PKH_146900	PVX_101455	PY01336	PBANKA_146420	PCHAS_146650	4.46952	4.18759	2.80622	0.47868	4.07849	1.97531	1.09316	0.7751161	0.47868	py	0.9688951	4.078493	pb
PFL2475w	PKH_146920	PVX_101465	PY07601	PBANKA_146450	PCHAS_146670	1.60278	1.29773	1.74351	2.05554	0.41994	1.64377	0.35373	0.1797067	0.41994	pb	0.2246334	1.643772	pc
PFL2490c	PKH_146950	PVX_101480	PY01704	PBANKA_146480	PCHAS_146700	1.83062	0.55023	2.88589	1.13745	0.42734	2.08451	0.781	0.5875127	2.88589	pv	0.7343909	1.137446	py
PFL2505c	PKH_146960	PVX_101485	PY01808	PBANKA_146490	PCHAS_146710	5.4584	5.46142	5.35375	5.99348	5.39489	5.40777	0.12615	0.0342347	5.99348	py	0.039573	5.394889	pb

Supplementary Table 3: Functional enrichment analysis for outlier species orthologs using hypergeometric distribution function, related to Figure 4b.

Pathways testing (level for statistical significance = 0.05)

ID	PathwayName	Genome	Input	Pathway	Input & Pathway	Direction of deviation from expected	Hypergeometric test	Binomial	GeneList
pb	MPM.Chaperone_assisted_protein_folding_	3041	201	84	11	over-representation (expect 5, observe 11)	0.02077359	0.02240696	PF07_0103,PFL0815w,PFL0815w,PFL0815w,PF14_0241,PFL2275c,PF14_0324,PF14_0417,PF14_0223,PF0635w,PF10335w
pb	MPM.Genes_coding_for_components_involved_in_ribosome_assembly	3041	201	130	29	over-representation (expect 8, observe 29)	1.9438E-09	6.1951E-09	PFL0830w,PF07_0092,PFA0330w,PF14_0042,PF07_0092,PF13_0177,PFA0330w,PF14_0456,PF13_0315,PF08_0026,PFF0100w,PF14_0494,PF0975w,PFL1490w,PF11_0090,MAL8P1.19,MAL13P1.93,PFE0300c,PFL1475w,PF07_0122,PF11_0259,PFF0625w,PFL2010c,PFL2475w,PF14_0055,PFL0830w,PF10455w,PF10295c,PF14_0274
pb	MPM.Import_of_proteins_into_the_mitochondrion	3041	201	27	5	over-representation (expect 1, observe 5)	0.0293572	0.0300003	PF13_0180,PF13_0180,MAL8P1.14,PF14_0197,PF14_0197
pb	MPM.Lsm_proteins_and_RNA_processing	3041	201	12	3	over-representation (expect 0, observe 3)	0.04014383	0.0404707	MAL8P1.9,PF10_0314,PF13_0048
pb	MPM.Maturation_and_export_of_60S_and_40S_ribosomal_subunits	3041	201	120	32	over-representation (expect 7, observe 32)	1.4303E-12	7.2303E-12	PF07_0092,PF13_0177,PFA0330w,PFL0830w,PF14_0456,PF14_0042,PF08_0026,PF10455w,PFA0330w,PF14_0042,MAL13P1.322,PFL1490w,PF0975w,PF14_0494,PF07_0122,PFL2475w,PF14_0055,PFF0625w,PFL2010c,PF11_0090,PFL2010c,PFE0300c,PFL2010c,MAL8P1.19,PF11_0090,PF14_0055,PFL1475w,MAL8P1.19,PFF0625w,PFE0300c,PF14_0273,PF14_0550
pb	MPM.Phosphoinositides_and_membrane_traffic	3041	201	27	6	over-representation (expect 1, observe 6)	0.00709002	0.00737599	PF10_0126,PFL2195w,PF13_0285,PFA0515w,PF13_0285,PF07_0024
pb	MPM.Pre_ribosomal_particles_along_the_40S_assembly_pathway	3041	201	16	5	over-representation (expect 1, observe 5)	0.00287455	0.00297114	PFA0330w,PF13_0177,PFL1490w,PF0975w,PF14_0494
pb	MPM.Pre_ribosomal_particles_along_the_60S_assembly_pathway	3041	201	28	6	over-representation (expect 1, observe 6)	0.00853805	0.00887138	PFF0625w,PFL2010c,PFL2475w,MAL8P1.19,PF14_0055,PF11_0090
pb	MPM.Protein_N_terminal_acetylation	3041	201	11	3	over-representation (expect 0, observe 3)	0.03161211	0.0318881	MAL8P1.9,MAL8P1.200,MAL8P1.200
pb	MPM.Proteins_involved_in_steps_during_passage_through_prophase_	3041	201	21	4	over-representation (expect 1, observe 4)	0.04561964	0.04621799	PF10_0327,PF14_0031,PF14_0142,MAL13P1.21
pb	MPM.Ribosomal_structure	3041	201	167	18	over-representation (expect 11, observe 18)	0.0355196	0.04080495	PFC1020c,PFE1005w,PFE0810c,PF08_0076,PF11_0272,MAL13P1.272,PF0770c,PF08_0039,PF13_0171,PF13_0132,PFE0300c,PF13_0049,PFC0535w,PF10190w,PF07_0046,PF14_0539,PF10_0332,PF10890c
pb	MPM.RNA_Degradation_Factors	3041	201	41	7	over-representation (expect 2, observe 7)	0.01626565	0.0169719	PF10_0314,PF13_0048,PF10455w,MAL13P1.170,PFF0100w,MAL8P1.9,PF13_0222

pb	MPM.Splicing_of_pre_mRNA	3041	201	121	20	over-representation (expect 8, observe 20)	9.0686E-05	0.00013393	PFC0955w,PFF0100w,PF11025w,PFL0970w,PF0565c,MAL7P1.201,PF13_0222,MAL13P1.322,PFF0500c,MAL13P1.35,PF13_0091,PFL2075c,PF14_0720,MAL8P1.9,MAL8P1.9,MAL8P1.61,PF14_0713,PFB0875c,PF11_0374,PFC1050w
pb	MPM.tRNA_modifications	3041	201	49	7	over-representation (expect 3, observe 7)	0.03982634	0.04115027	PF14_0086,PF13_0259,MAL13P1.31,PF07_0015,PF13_0236,PF14_0711,PF10295c
pc	MPM.ATP_dependent_chromatin_remodeling_complexes	3041	219	37	8	over-representation (expect 2, observe 8)	0.00395591	0.00421008	MAL7P1.209,PFL2215w,PFL2215w,PF14_0124,PF10_0232,PF10_0232,PFA0290w,PFF0560c
pc	MPM.ER_to_Golgi_translocation_and_quality_control	3041	219	13	4	over-representation (expect 1, observe 4)	0.0111481	0.01133937	PF10150c,MAL13P1.87,PF11_0098,PFE0625w
pc	MPM.Import_and_export_through_the_nuclear_pore	3041	219	24	5	over-representation (expect 1, observe 5)	0.02541858	0.02595146	PF08_0087,PF08_0069,PF08_0087,PF11_0385,PF0900w
pc	MPM.Import_of_proteins_into_the_mitochondrion	3041	219	27	8	over-representation (expect 2, observe 8)	0.00042636	0.00046188	PF08_0054,PF11_0351,MAL8P1.14,PF14_0328,PF11_0265,PF07_0110,PFE1230c,PFF0825c
pc	MPM.Inositol_phosphate_metabolism	3041	219	26	5	over-representation (expect 1, observe 5)	0.03500074	0.03566817	MAL8P1.151,PF10_0101,PFC0475c,PFC0475c,MAL8P1.151
pc	MPM.Large_Tethering_Complexes_that_Act_in_the_Secretory_and_Endocytic_Pathways	3041	219	33	7	over-representation (expect 2, observe 7)	0.00774528	0.00810597	PFF0905w,PFF0905w,PF14_0397,PF13_0135,PF07_0111,PF14_0493,PF14_0397
pc	MPM.Molecular_model_of_vesicle_exocytosis	3041	219	19	4	over-representation (expect 1, observe 4)	0.04302435	0.04355446	PFF0665c,PF14_0300,PFF0665c,MAL13P1.16
pc	MPM.Rab_cycle	3041	219	42	7	over-representation (expect 3, observe 7)	0.02819153	0.02915746	MAL13P1.244,PF11_0152,MAL13P1.16,MAL13P1.135,PFC0890w,PFC0582c,PFE0625w
pc	MPM.RNA_polymerase_III_transcribes_tRNA_and_5S_rRNA	3041	219	11	3	over-representation (expect 0, observe 3)	0.03947257	0.03977027	PF13_0150,PF0800c,PF14_0469
pc	MPM.Splicing_of_pre_mRNA	3041	219	121	20	over-representation (expect 8, observe 20)	0.00029858	0.00041059	PF14_0437,MAL13P1.14,PF14_0655,PFA0180w,PF0265w,MAL13P1.253,PF11695c,PFF0970w,PF11695c,PF14_0194,PFL1680w,PF11_0200,PF11_0524,MAL8P1.9,MAL13P1.385,MAL8P1.43,PF11_0524,MAL8P1.9,MAL13P1.385,PF11_0336
pc	MPM.The_structures_of_RNA_polymerases	3041	219	22	6	over-representation (expect 1, observe 6)	0.00364924	0.0037985	PFC0155c,PFC0155c,PFC0805w,PFL0665c,PF13_0150,PF11_0445
pf	MPM.A_model_for_UbpX_function_in_the_regulation_of_PCNA_deubiquitylation	3041	176	20	4	over-representation (expect 1, observe 4)	0.02532373	0.02577664	MAL13P1.216,PF08_0085,MAL13P1.216,PFE0835w
pf	MPM.CCR4_NOT_complex	3041	176	18	4	over-representation (expect 1, observe 4)	0.01750315	0.01784465	PFE0375w,PF11_0297,PF10_0062,PFL0190w
pf	MPM.Classical_COPI_mediated_vesicular_transport	3041	176	37	13	over-representation (expect 2, observe 13)	5.5404E-08	7.7717E-08	PF08_0120,PF14_0399,PF08010w,PF14_0407,PF14_0399,PF08010w,PFF0330w,PF14_0277,MAL8P1.121,PFE1340w,PFL2070w,PF14_0464,MAL13P1.16
pf	MPM.Classical_COPII_mediated_vesicular_transport	3041	176	32	9	over-representation (expect 1, observe 9)	5.2347E-05	6.0199E-05	PFE1340w,PF14_0399,PF08010w,PF14_0399,PF08010w,PFB0640c,PF14_0464,MAL13P1.16,MAL13P1.171

pf	MPM.Folate_biosynthesis	3041	176	14	3	over-representation (expect 0, observe 3)	0.0432574	0.04364796	PFF1490w,PFF1490w,PF11100w
pf	MPM.Kinetochores_power_chromosome_movements_in_mitosis	3041	176	47	7	over-representation (expect 2, observe 7)	0.0169682	0.01780248	PFD1050w,PF10180w,MAL8P1.132,PFL0660w,PF0785w,PFD1050w,PF10180w
pf	MPM.Leucine_Isoleucine_and_Valine_metabolism	3041	176	13	3	over-representation (expect 0, observe 3)	0.03545904	0.03579969	PF08_0011,PF14_0589,PFE0225w
pf	MPM.Nuclear_genes_with_mitochondrial_signal_sequences	3041	176	280	25	over-representation (expect 16, observe 25)	0.0223751	0.02650788	PF14_0695,PFE1080w,PF14_0589,MAL13P1.164,MAL7P1.66,PF11_0382,PF13_0068,PF14_0041,PF0495w,PF14_0709,PF14_0212,PF10_0097,PFL1150c,PFE0145w,PFL1605w,PF14_0616,PF10_0153,MAL13P1.84,PFE0225w,PF0370w,PF14_0721,PF0320c,MAL13P1.335,PF14_0266,MAL8P1.33
pf	MPM.Phosphoinositides_and_membrane_traffic	3041	176	27	5	over-representation (expect 1, observe 5)	0.01749201	0.01799232	MAL13P1.51,PF13_0133,PFE0485w,PFE0485w,PF11_0187
pf	MPM.Rab_cycle	3041	176	42	10	over-representation (expect 2, observe 10)	9.5121E-05	0.00011157	PF10345w,PF14_0699,MAL13P1.16,PF14_0464,PFL2070w,PFL0505c,MAL13P1.205,MAL13P1.51,PF08_0110,PF10155c
pf	MPM.Rab_proteins	3041	176	12	4	over-representation (expect 0, observe 4)	0.00371929	0.00381154	MAL13P1.51,PF10155c,MAL13P1.205,PF08_0110
pf	MPM.Rab_proteins_in_intracellular_traffic	3041	176	16	4	over-representation (expect 0, observe 4)	0.01139706	0.01163873	MAL13P1.205,MAL13P1.51,PF10155c,PF08_0110
pf	MPM.Shikimate_Biosynthesis	3041	176	6	3	over-representation (expect 0, observe 3)	0.00334811	0.00339531	PF11100w,PF11100w,MAL13P1.319
pk	MPM.Components_of_the_linear_motor_responsible_for_merozoite_motility_in_invasion	3041	262	34	10	over-representation (expect 3, observe 10)	0.00038611	0.00042491	PFE0785c,PFE0340c,MAL8P1.16,MAL13P1.130,PFE1285w,PF11_0431,PF08_0033,PF10_0107,PFL0925w,PF11565w
pk	MPM.Double_strand_break_repair_and_homologous_recombination	3041	262	11	4	over-representation (expect 1, observe 4)	0.0109258	0.01108364	PFD0470c,PF08_0126,MAL8P1.76,MAL13P1.22
pk	MPM.Generation_of_polyphosphates	3041	262	22	6	over-representation (expect 1, observe 6)	0.0088327	0.00909549	PFF1350c,PFE1250w,MAL13P1.22,PFL1790w,PFL1245w,PFL0670c
pk	MPM.Genes_coding_for_the_components_of_the_proteasome_degradation_machinery_and_their_timed_transcription	3041	262	103	15	over-representation (expect 8, observe 15)	0.02935178	0.03182293	PF11_0303,PF14_0632,PF13_0063,PF10_0081,PF13_0033,PF13_0282,MAL13P1.270,PF11545c,PF10_0111,PFL1790w,PFL1245w,PF10_0117,PFL1620w,PFD0680c,PF10_0114
pk	MPM.Glycolysis	3041	262	28	8	over-representation (expect 2, observe 8)	0.00184216	0.00195169	PFL0780w,PF11_0294,PF1300w,PF11105w,PF11_0338,PF0275w,PF0210c,PF11295c
pk	MPM.Histone_acetylation	3041	262	30	8	over-representation (expect 2, observe 8)	0.00298023	0.00314648	PF13_0185,PF07_0054,PF10_0200,PF10_0078,PF13_0152,PF13_0152,PF14_0489,MAL13P1.233
pk	MPM.Histone_chaperones	3041	262	38	7	over-representation (expect 3, observe 7)	0.04039614	0.04142219	PF10_0078,PFA0520,PF14_0393,PFA0520c,PFD0470c,PF13_0291,PFL0580w

pk	MPM.Initiation_of_translation	3041	262	43	11	over-representation (expect 3, observe 11)	0.00074484	0.00082611	PF11_0447,PF0345w,PF10_0136,PF14_0104,PFL2430c,MAL7P1.81,MAL8P1.83,PFE0885w,PFL0625c,PF10625c,PF11_0225
pk	MPM.Molecular_motor_prototypes	3041	262	42	8	over-representation (expect 3, observe 8)	0.02434665	0.02523291	PF10_0196,PF10_0224,PF11_0240,PF10260c,PF07_0104,PF0860w,PF0675c,PF10_0193
pk	MPM.Nucleosome_assembly_and_regulation_	3041	262	43	8	over-representation (expect 3, observe 8)	0.02775975	0.02873089	PF07_0054,PF13_0185,PF14_0393,PFA0520c,PFA0520,PF14_0393,PF14_0393,PF13_0152
pk	MPM.Proteasome_mediated_proteolysis_of_ubi- quinated_proteins	3041	262	100	18	over-representation (expect 8, observe 18)	0.00177603	0.0021359	PF0680c,PFL1790w,PFL1245w,PF10_0117,PFL1620w,PFL0325w,PF13_0063,PF10_0081,PF13_0033,PF13_0282,MAL13P1.270,PF11545c,PF10_0111,PF11_0303,PF14_0632,PF13_0063,PF10_0081,PF13_0033
pk	MPM.Protein_biosynthesis	3041	262	55	9	over-representation (expect 4, observe 9)	0.04286663	0.04438844	PF07_0073,PFL0670c,PF10_0149,PF13_0257,PF13_0205,PF10645w,PFL0210c,MAL7P1.20,MAL8P1.140
pk	MPM.S_Glutathionylated_proteins	3041	262	320	39	over-representation (expect 27, observe 39)	0.01667047	0.02191416	PF11105w,PF1300w,PFE1250w,PF13_0070,PF08_0095,PF1025c,PF07_0054,PFA0520c,PFE0165w,PF0950w,PFL1725w,PF10_0111,PF14_0242,PF11_0048,PF14_0517,PF11545c,PF13_0282,MAL13P1.270,MAL13P1.540,PFL1245w,PFL2140c,PF14_0377,PF11_0352,PF11170c,PF0250c,PF10_0114,PF10_0075,PF11_0043,PFE0850c,PF10645w,PFL0210c,PF14_0104,MAL7P1.81,PFL0670c,PF10_0149,PF07_0073,PF1055w,PF14_0083,PF13_0065
pk	MPM.Signal_recognition_particle_mediated_targeting_of_membrane_and_secretory_proteins	3041	262	10	3	over-representation (expect 0, observe 3)	0.04812282	0.04840976	PFL2245w,MAL13P1.231,PFL0785c
pk	MPM.The_acidocalcisome	3041	262	36	8	over-representation (expect 3, observe 8)	0.00979027	0.01023609	PFF0450c,PF13_0065,PF13_0130,PF13_0227,PF13_0034,MAL13P1.206,PF11_0338,MAL13P1.23
pk	MPM.The_phosphoproteome_of_Plasmodium_falciparum_infected_RBCs	3041	262	334	56	over-representation (expect 28, observe 56)	2.1748E-07	8.7285E-07	PFF1300w,MAL8P1.91,MAL13P1.233,PF10_0078,PFE0560c,PF0950w,PF11_0052,PFL0930w,MAL13P1.22,PF14_0563,PFE0430w,PF0590c,PF10_0114,PF10865w,PFL0075w,PF08_0065,MAL7P1.157a,PF10_0075,PF11_0404,PF14_0471,PF13_0109,PF13_0261,PFE0465c,PFE0925c,PF14_0028,MAL7P1.320,PFE0850c,PFF0345w,PFL0210c,PFL0625c,MAL8P1.83,PF14_0104,PF14_0408,PF13_0258,PF14_0614,MAL8P1.109,MAL8P1.157,PF11_0149,PFE0340c,PFL1790w,PF0680c,PF10_0111,PF11_0303,PF14_0632,PF13_0282,PF07_0020,PF14_0359,PFE0380c,PFL1620w,MAL13P1.206,PFF0450c,PF11295c,PFL0950c,PFL1140w,PF14_0416,PFL0440c
pk	MPM.Transporters_of_the_plasma_membrane	3041	262	71	16	over-representation (expect 6, observe 16)	0.00024208	0.00029548	PFB0210c,PF11295c,PFL0620c,PF10_0215,PF13_0065,PF13_0227,PF13_0130,PF13_0034,PF11_0338,MAL13P1.206,PFF0450c,PF10_0215,MAL13P1.206,PFL0950c,PF14_0369,MAL13P1.23
pv	MPM.A_model_for_UbpX_function_in_the_regulation_of_PCNA_deubiquitylation	3041	209	20	5	over-representation (expect 1, observe 5)	0.00966727	0.00992991	PF13_0328,PF10_0227,PFE1355c,PF14_0145,PF14_0145
pv	MPM.Asparagine_and_Aspartate_metabolism	3041	209	8	3	over-representation (expect 0, observe 3)	0.01384171	0.01398057	MAL13P1.221,PF13_0287,PFE0475w

pv	MPM.CCR4_NOT_complex	3041	209	18	4	over-representation (expect 1, observe 4)	0.03090842	0.03135083	MAL8P1.104,PFL1705w,PF10_0143,PFC0915w
pv	MPM.Cotranslational_cleavage_of_N_terminal_methionine_residues_and_N_terminal_acetylation	3041	209	12	3	over-representation (expect 0, observe 3)	0.04434407	0.04468082	PFA0465c,PFA0465c,PFA0465c
pv	MPM.DNA_Replication	3041	209	38	7	over-representation (expect 2, observe 7)	0.01324252	0.01382243	MAL13P1.22,PF13_0328,PF13_0330,PF11_0131,PF11_0117,PFB0840w,PF13_0328
pv	MPM.Double_strand_break_repair_and_homologous_recombination	3041	209	11	3	over-representation (expect 0, observe 3)	0.03498794	0.03527398	PF10235w,PF11_0087,MAL13P1.22
pv	MPM.Genes_coding_for_components_involved_in_ribosome_assembly	3041	209	130	22	over-representation (expect 9, observe 22)	4.9997E-05	7.8387E-05	PF07_0083,PF13_0051,PF14_0584,PF08_0055,MAL13P1.14,PF10_0209,PFL2295w,PFL1230w,PFB0370c,PF14_0156,PF0905w,PF1500c,PF11235w,PF14_0221,MAL7P1.24,MAL13P1.341,PF10_0278,PF14_0292,MAL13P1.243,MAL13P1.36,MAL13P1.36,PF14_0292
pv	MPM.Genes_coding_for_enzymes_proteins_involved_in_DNA_replication	3041	209	56	8	over-representation (expect 3, observe 8)	0.03537335	0.03680625	PF10235w,PFB0840w,PF11_0117,PF13_0330,MAL13P1.22,PF08_0100,PF11_0071,PF14_0639
pv	MPM.Genes_coding_for_the_components_of_the_proteasome_degradation_machinery_and_their_timed_transcription	3041	209	103	13	over-representation (expect 7, observe 13)	0.02744475	0.03005077	PF10_0298,PF14_0676,PF0305c,PF1325c,PF10_0276,PF11085w,PF11_0177,PF14_0145,PF10225w,PF1355c,PF11_0177,PFL1845c,PF13_0344
pv	MPM.Genes_involved_in_excision_repair	3041	209	80	12	over-representation (expect 5, observe 12)	0.00753967	0.00836956	PF0420c,PF10_0080,PF13_0330,PF08_0048,PF11_0071,PF08_0100,PFB0840w,PF11_0117,PF10235w,PF13_0328,MAL13P1.22,PFB0180w
pv	MPM.Maturation_and_export_of_60S_and_40S_ribosomal_subunits	3041	209	120	27	over-representation (expect 8, observe 27)	1.4659E-08	3.7325E-08	PFB0370c,PF10_0209,PF14_0584,PFL2295w,MAL13P1.14,PF08_0055,PF1500c,PF13_0051,MAL13P1.36,PFB0370c,PF14_0156,PF14_0156,PF14_0156,PF1500c,PF10_0278,PF0710w,PF1085w,PF10_0278,MAL13P1.341,MAL7P1.24,PF10_0278,PF14_0221,PF1500c,MAL13P1.341,MAL7P1.24,PF1085w,PF1085c
pv	MPM.Nucleotide_excision_repair	3041	209	32	6	over-representation (expect 2, observe 6)	0.01966187	0.02027917	MAL13P1.22,PF11_0117,PF13_0328,PFB0840w,PF10235w,PF10_0080
pv	MPM.One_carbon_enzyme_systems_serine_hydroxymethyltransferase_and_glycine_cleavage_complex	3041	209	9	3	over-representation (expect 0, observe 3)	0.01972464	0.01990994	PFL1720w,PFL1550w,PF11_0172
pv	MPM.Phosphatidylcholine_metabolism	3041	209	24	5	over-representation (expect 1, observe 5)	0.02117881	0.02166649	PF14_0020,PFB0410c,PF11180w,PF1375c,PF11_0197
pv	MPM.Pre_ribosomal_particles_along_the_40S_assembly_pathway	3041	209	16	4	over-representation (expect 1, observe 4)	0.02047498	0.02080076	PF10_0209,MAL13P1.14,PF1500c,PF0905w

pv	MPM.Pre_ribosomal_particles_along_the_60S_assembly_pathway	3041	209	28	7	over-representation (expect 1, observe 7)	0.00223413	0.00236585	PF14_0221,PF14_0292,PF11_0245,PF1500c,PF1500c,PF1500c,PF1500c
pv	MPM.Pyrimidine_metabolism	3041	209	25	5	over-representation (expect 1, observe 5)	0.02503698	0.02558893	PF14_0053,PFL1720w,MAL13P1.221,PF13_0349,PF13_0349
pv	MPM.Rab_cycle	3041	209	42	7	over-representation (expect 2, observe 7)	0.02242806	0.02328922	PF13_0117,PF10_0373,MAL13P1.16,MAL13P1.113,PF11_0461,PFA0335w,PFE0545c
pv	MPM.tRNA_modifications	3041	209	49	7	over-representation (expect 3, observe 7)	0.04764697	0.04906862	PFI0920c,PF07_0071,PF14_0322,PF10_0175,PFL2305w,PF11_0348,PF11_0212
py	MPM.Base_excision_repair_of_AP_sites	3041	428	43	12	over-representation (expect 6, observe 12)	0.01415398	0.01482083	PFF0715c,PFI0835c,MAL13P1.22,PF10_0165,PFF1470c,PFF1470c,MAL7P1.32,PFB0160w,PFB0265c,PFE0215w,PF11650w,PF10860c
py	MPM.Control_of_the_mitotic_spindle_organization_by_kinesins	3041	428	10	4	over-representation (expect 1, observe 4)	0.040392	0.0406609	PFC0770c,PFL2165w,PFL2165w,PFC0385c
py	MPM.ER_to_Golgi_translocation_and_quality_control	3041	428	13	5	over-representation (expect 1, observe 5)	0.02630499	0.02659018	PF13_0124,MAL13P1.163,MAL13P1.241,PFF0365c,PFE0690c
py	MPM.Folate_biosynthesis	3041	428	14	6	over-representation (expect 2, observe 6)	0.00828872	0.00844245	MAL13P1.67,PF13_0140,PF13_0140,PFD0830w,PFD0830w,PFL1155w
py	MPM.Genes_coding_for_chaperones_and_their_regulators	3041	428	134	28	over-representation (expect 19, observe 28)	0.02967745	0.03347661	PF0462w,PFI0935w,PFE1170w,PFE0135w,PFB0595w,MAL8P1.2,PF11_0099,PF08_0032,PF08_0115,PF14_0137,PF14_0213,PFE0135w,PF11_0443,PFI0875w,MAL13P1.52,MAL13P1.139,MAL8P1.17,PF11_0170,PF13_0122,PFE0505w,PFE1430c,PFL0120c,PFC0350c,PF11_0088,PFI0350c,MAL7P1.7,PF14_0063,PF08_0063
py	MPM.Genes_coding_for_enzymes_proteins_involved_in_DNA_replication	3041	428	56	18	over-representation (expect 8, observe 18)	0.00039978	0.00045813	PFE0520c,PFB0895c,PF11_0078,PF11_0477,PF14_0470,PF14_0366,PFC0340w,PF10_0165,PFF1470c,PF14_0234,MAL13P1.22,PFI0385c,PFB0265c,PFE0270c,MAL7P1.145,PF11650w,PFE0675c,PFI0835c
py	MPM.Genes_coding_for_Fe_S_containing_proteins	3041	428	17	11	over-representation (expect 2, observe 11)	2.1192E-06	2.3247E-06	PFL0705c,PF14_0373,PF07_0085,PFF0715c,PF13_0229,PF14_0334,MAL13P1.220,PFF1070c,PFE1240w,PFL1345c,PF14_0066
py	MPM.Genes_coding_for_the_components_of_the_proteasome_degradation_machinery_and_their_timed_transcription	3041	428	103	27	over-representation (expect 14, observe 27)	0.00068425	0.00085111	MAL13P1.190,PF10_0174,PF14_0025,MAL13P1.343,PF0665c,PF11_0314,PFL2345c,PFF0420c,PF07_0112,PF14_0716,PFC0745c,PF13_0156,PFA0400c,PFE0915c,MAL8P1.142,PF13_0182,MAL13P1.227,PFC0510w,PFC0740c,PFL1830w,PF13_0084,MAL7P1.147,MAL7P1.147,PF14_0576,PFF1445c,PF0880w,PF11_0393
py	MPM.Genes_involved_in_excision_repair	3041	428	80	18	over-representation (expect 11, observe 18)	0.03397628	0.03629309	PFF0715c,PFI0835c,MAL7P1.32,PFF1470c,PF10_0165,PFE0215w,MAL13P1.76,PF13_0279,PFB0160w,PFB0265c,PFE0270c,PF11650w,PFB0895c,MAL13P1.22,PF07_0105,MAL7P1.145,PF14_0051,PFI0385c
py	MPM.Involvement_of_GTP_binding_proteins_and_ribosomes_in_a_minino_acid_shortage	3041	428	5	3	over-representation (expect 0, observe 3)	0.02222123	0.02232493	PF14_0423,MAL13P1.26,PFL0390c

py	MPM.Large_Tethering_Complexes_that_Act_in_the_Secretory_and_Endocytic_Pathways	3041	428	33	9	over-representation (expect 4, observe 9)	0.03388477	0.03469156	PF11_0262,PF14_0548,PF10300w,PFL2415w,PF14_0064,PFE0765w,PF13_0053,PF13_0274,PFL2090c
py	MPM.Leucine_Isoleucine_and_Valine_metabolism	3041	428	13	5	over-representation (expect 1, observe 5)	0.02630499	0.02659018	PFF1095w,PF13_0179,PF14_0232,PF10_0167,PFL1940w
py	MPM.Methionine_and_polyamine_metabolism	3041	428	23	7	over-representation (expect 3, observe 7)	0.0335915	0.03415428	PFL1775c,PF10_0197,PF13_0016,MAL13P1.255,MAL13P1.67,PFE0660c,PF10_0289
py	MPM.Molecular_markers_of_resistance_to_antimalarial_drugs	3041	428	13	5	over-representation (expect 1, observe 5)	0.02630499	0.02659018	MAL7P1.27,PF0830w,PF14_0373,PF10_0120,PF13_0019
py	MPM.Nucleotide_excision_repair	3041	428	32	12	over-representation (expect 4, observe 12)	0.00080771	0.00086755	MAL13P1.22,MAL13P1.76,PF13_0279,PFL2125c,PF10_0165,PFB0160w,PFB0265c,PFB0265c,PFB0895c,PF0340w,PFF1470c,PF11650w
py	MPM.Plasmodium_falciparum_chromatin_landscape	3041	428	22	7	over-representation (expect 3, observe 7)	0.02646964	0.02694696	PF0190w,PF13_0293,PF11_0160,PF11260c,PF0795w,PF10_0036,PFL1345c
py	MPM.Proteasome_mediated_proteolysis_of_ubiquitinated_proteins	3041	428	100	31	over-representation (expect 14, observe 31)	7.7379E-06	1.1519E-05	MAL7P1.147,PF14_0576,PFL1830w,PF13_0084,PF08_0056,MAL7P1.147,PF13_0182,MAL13P1.227,PF0740c,PF0510w,PF0880w,PF0665c,PF11_0314,PFL2345c,PF0420c,PF07_0112,PF14_0716,PF0745c,PF13_0156,PFA0400c,PFE0915c,MAL8P1.142,MAL13P1.190,PF10_0174,PF14_0025,MAL13P1.343,PF0880w,PFB0240w,PF0665c,PF11_0314,PFL2345c
py	MPM.Protein_kinase_coding_genes	3041	428	107	23	over-representation (expect 15, observe 23)	0.03268009	0.03583039	MAL7P1.100,PF14_0346,MAL13P1.278,PF0385c,PF11_0464,PF07_0072,PFB0815w,PFB0665w,MAL7P1.18,PF11_0377,PF10_0141,MAL13P1.185,PFE0170c,PF11275w,PF14_0423,MAL7P1.91,PF11280c,PF11_0488,PF11_0220,PF14_0476,PF13_0232,PF13_0022,PFL1110c
py	MPM.Proteins_targeted_by_the_thioredoxin_superfamily_enzymes	3041	428	44	11	over-representation (expect 6, observe 11)	0.04698552	0.04848161	MAL13P1.241,MAL7P1.122,MAL8P1.17,MAL8P1.69,PF08_0019,PF11_0248,PF13_0141,PF0166w,PFF0435w,PFF0715c,PF10875w
py	MPM.Proteins_with_ER_retention_sequences	3041	428	13	5	over-representation (expect 1, observe 5)	0.02630499	0.02659018	PF10875w,MAL8P1.17,PF11_0099,MAL13P1.121,PF10_0104
py	MPM.Purine_metabolism	3041	428	35	10	over-representation (expect 5, observe 10)	0.02362496	0.02440232	PF10_0154,PFE0660c,PF10_0086,PF0755c,PFA0530c,MAL13P1.119,PF10_0289,MAL13P1.121,PFB0295w,PF10_0123
py	MPM.Pyridoxal_phosphate_Vitamin_B6_metabolism	3041	428	23	8	over-representation (expect 3, observe 8)	0.01019112	0.01047309	PF14_0570,PF07_0059,PF11_0169,MAL13P1.324,PF14_0534,PFF0435w,PF07_0068,PF0285c
py	MPM.RNA_polymerase_II_transcribed_mRNA	3041	428	40	12	over-representation (expect 5, observe 12)	0.00690268	0.00727209	PF14_0374,PF11_0477,PF14_0470,MAL13P1.76,PFL2125c,PF13_0279,PF07_0057,PF13_0023,PF13_0341,MAL8P1.131,PF10210c,PF14_0718

py	MPM.S_Glutathionylated_proteins	3041	428	320	71	over-representation (expect 45, observe 71)	2.1647E-05	6.1924E-05	PF11_0145,PF13_0141,PF13_0234,PF13_0143,PFE0730c,PF10_0289,PF10_0086,PFB0295w,PF0830w,PF14_0100,PF11_0282,PF10_0154,PFL2465c,PFE0660c,PF1335c,PF11155w,PF11310w,PF0435w,PF0920w,PF10185c,PF0350c,PF11475w,PF14_0102,MAL7P1.122,PF07_0085,PFA0580c,MAL8P1.69,PF11_0314,PFA0400c,PF11110c,PF11_0377,PF13_0232,PFE0505w,MAL8P1.17,PF0595w,PF10875w,PF11_0099,MAL8P1.142,PF0745c,PF0420c,PF07_0112,PFE0915c,PF13_0156,PF14_0716,PF10_0203,PF08_0019,PF1420w,PFE0690c,PF12060c,PF14_0064,PF08_0071,PF0271c,PF0166w,PF10860c,PF11_0250,PF10700c,PF11170w,PF10475w,PF07_0057,PFE1020w,PF10460w,PF13_0214,PF13_0170,PF13_0179,PF1095w,PF13_0262,PF11_0270,PF13_0013,PF14_0230,PF10590c,PFE0790c
py	MPM.The_phosphoproteome_of_Plasmodium_falciparum_infected_RBCs	3041	428	334	64	over-representation (expect 47, observe 64)	0.00587655	0.00934935	PF14_0334,PFE0765w,PF13_0253,PF0150w,PF11485c,PF14_0100,PF11155w,PF10925w,PF11_0053,PF10185c,MAL13P1.16,PF11565c,PF13_0274,PFE1305c,PF10200c,PF12090c,MAL7P1.12,MAL13P1.22,PF10860c,PFE0520c,PF1470c,PF07_0023,PF13_0095,PF11_0477,PFE0270c,PF08895c,PF08_0074,PF11_0049,PF07_0105,PF10415c,PF11170w,MAL13P1.120,PF11_0091,PF0375c,PF0865w,MAL13P1.92,PF13_0214,PF1095w,MAL13P1.185,MAL13P1.278,PF11_0220,PF11_0488,PF0815w,PF14_0346,PF13_0232,MAL7P1.147,PFE1010w,PF07_0112,PF0420c,MAL8P1.69,PF10875w,PF08_0032,PF0740c,PFE0505w,PF1430c,PF11110c,PF11280c,MAL7P1.27,PF13_0019,PF14_0387,PF10720w,PF10590c,MAL7P1.155,PF14_0395
py	MPM.tRNA_modifications	3041	428	49	13	over-representation (expect 7, observe 13)	0.02012223	0.0211221	PF10_0289,PF11350w,PF14_0174,PF11_0198,PF11_0284,PF10_0191,MAL13P1.31,PF11_0305,PF07_0095,PF11_0095,PF11_0144,PF14_0620,PF13_0087

Supplementary Table 4: List of 240 transcriptionally conserved orthologs with positive druggability index score (DIS) obtained from TDR database, with its corresponding peak expression in IDC, related to Figure 6. Y denotes essentiality evidence in *P. berghei* knockout studies from RMgMDB.

gene_ID	gene_product	pfam_domains	go_terms	druggability_evidence_index	idc_peak_phase	RMgMDB_essentiality
PFB0210c	hexose transporter, PfHT1		GO:0005215 (transporter activity); GO:0006810 (transport); GO:0015145 (monosaccharide transmembrane transporter activity); GO:0015749 (monosaccharide transport); GO:0016020 (membrane); GO:0016021 (integral to membrane); GO:0022891 (substrate-specific transmembrane transporter activity); GO:0055085 (transmembrane transport)	0.4	2.2879625	Y
PFC0525c	glycogen synthase kinase 3		GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004696 (glycogen synthase kinase 3 activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0006468 (protein amino acid phosphorylation); GO:0018105 (peptidyl-serine phosphorylation)	0.9	4.3221154	Y
PFD0230c	protease, putative	PF03074 (GCS)	GO:0006508 (proteolysis); GO:0008234 (cysteine-type peptidase activity); GO:0020011 (apicoplast); GO:0030163 (protein catabolic process)	0.3	5.6782677	Y
PFE1120w	conserved Plasmodium protein, unknown function	PF08423 (Rad51)	GO:0004198 (calcium-dependent cysteine-type endopeptidase activity); GO:0005622 (intracellular); GO:0006508 (proteolysis)	0.5	5.5552911	Y
PFF0260w	serine/threonine protein kinase, Pfnk-5		GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0006468 (protein amino acid phosphorylation)	0.5	4.499201	Y

PF08_0129	serine/threonine protein phosphatase, putative		GO:0004722 (protein serine/threonine phosphatase activity); GO:0004723 (calcium-dependent protein serine/threonine phosphatase activity); GO:0006470 (protein amino acid dephosphorylation); GO:0016787 (hydrolase activity)	0.8	5.5635077	Y
PF08_0108	plasmepsin X	PF00117 (GATase); PF00958 (GMP_synt_C)	GO:0004190 (aspartic-type endopeptidase activity); GO:0006508 (proteolysis)	0.6	6.2092867	Y
PF11360c	serine/threonine protein phosphatase, putative	PF00753 (Lactamase_B)	GO:0016787 (hydrolase activity)	0.3	4.3063381	Y
PF11475w	merozoite surface protein 1 precursor	PF00562 (RNA_pol_Rpb2_6); PF04560 (RNA_pol_Rpb2_7); PF04561 (RNA_pol_Rpb2_2); PF04563 (RNA_pol_Rpb2_1); PF04565 (RNA_pol_Rpb2_3); PF04566 (RNA_pol_Rpb2_4); PF04567 (RNA_pol_Rpb2_5)	GO:0009405 (pathogenesis); GO:0016020 (membrane)	0.2	5.5593198	Y
PFL1370w	NIMA-related protein kinase, Pfnk-1	PF00036 (efhand)	GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0005575 (cellular_component); GO:0006468 (protein amino acid phosphorylation); GO:0007067 (mitosis)	0.7	4.5271361	Y
PF13_0166	protein kinase, putative	PF05191 (ADK_lid)	GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0005524 (ATP binding); GO:0006468 (protein amino acid phosphorylation)	0.3	6.0398829	Y
PF13_0235	transcription factor with AP2 domain(s), putative	PF00752 (XPG_N); PF00867 (XPG_I); PF01367 (5_3_exonuc)	GO:0003700 (transcription factor activity)	0.5	2.1614838	Y
PF13_0258	serine/threonine protein kinase	PF00069 (Pkinase)	GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0006468 (protein amino acid phosphorylation)	0.5	5.5221377	Y

MAL13P1.279	protein kinase 5		GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004693 (cyclin-dependent protein kinase activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0006468 (protein amino acid phosphorylation); GO:0007049 (cell cycle)	0.9	3.9863464	Y
PF14_0110	rhomboid protease ROM8		GO:0016021 (integral to membrane)	0.4	0.2491733	Y
PF14_0281	plasmepsin IX	PF01096 (TFIIS_C)	GO:0004190 (aspartic-type endopeptidase activity); GO:0005575 (cellular_component); GO:0006508 (proteolysis)	0.6	5.7730288	Y
PF14_0607	conserved Plasmodium membrane protein, unknown function		GO:0005509 (calcium ion binding); GO:0008150 (biological_process); GO:0020011 (apicoplast)	0.5	5.6742069	Y
PF14_0641	1-deoxy-D-xylulose 5-phosphate reductoisomerase		GO:0003824 (catalytic activity); GO:0005488 (binding); GO:0008152 (metabolic process); GO:0008299 (isoprenoid biosynthetic process); GO:0019288 (isopentenyl diphosphate biosynthetic process, mevalonate-independent pathway); GO:0020011 (apicoplast); GO:0030604 (1-deoxy-D-xylulose-5-phosphate reductoisomerase activity); GO:0046872 (metal ion binding)	0.6	4.0571371	
MAL8P1.69	14-3-3 protein, putative		GO:0019904 (protein domain specific binding)	0.2	4.2728575	
PF07_0088	40S ribosomal protein S5, putative		GO:0003735 (structural constituent of ribosome); GO:0005622 (intracellular); GO:0005840 (ribosome); GO:0006412 (translation); GO:0015935 (small ribosomal subunit); GO:0022627 (cytosolic small ribosomal subunit)	0.2	2.5255109	

PFI0755c	6-phosphofructokinase, putative		GO:0003824 (catalytic activity); GO:0003872 (6-phosphofructokinase activity); GO:0005524 (ATP binding); GO:0005945 (6-phosphofructokinase complex); GO:0006096 (glycolysis); GO:0008152 (metabolic process); GO:0047334 (diphosphate-fructose-6-phosphate 1-phosphotransferase activity)	0.2	2.4351465
MAL7P1.209	AAA family ATPase, putative		GO:0000166 (nucleotide binding); GO:0005524 (ATP binding); GO:0017111 (nucleoside-triphosphatase activity)	0.1	2.5852047
PF14_0126	AAA family ATPase, putative		GO:0000166 (nucleotide binding); GO:0005524 (ATP binding); GO:0005575 (cellular_component); GO:0008150 (biological_process); GO:0017111 (nucleoside-triphosphatase activity)	0.2	2.6080727
MAL8P1.144	AAA family ATPase, putative		GO:0000166 (nucleotide binding); GO:0005524 (ATP binding); GO:0017111 (nucleoside-triphosphatase activity)	0.5	6.2425912
PF13_0271	ABC transporter, (heavy metal transporter family)		GO:0000166 (nucleotide binding); GO:0005524 (ATP binding); GO:0006810 (transport); GO:0016021 (integral to membrane); GO:0016887 (ATPase activity); GO:0017111 (nucleoside-triphosphatase activity); GO:0020011 (apicoplast)	0.5	1.2144618
PFL2215w	actin I		GO:0005200 (structural constituent of cytoskeleton); GO:0005515 (protein binding); GO:0005884 (actin filament); GO:0007010 (cytoskeleton organization and biogenesis)	0.2	5.2401204
PFI0200c	adapter-related protein, putative		GO:0005488 (binding); GO:0005515 (protein binding); GO:0006886 (intracellular protein transport); GO:0016192 (vesicle-mediated transport); GO:0030117 (membrane coat)	0.1	3.1255194

PFE1050w	adenosylhomocysteinase(S-adenosyl-L-homocystein e hydrolase)		GO:0003824 (catalytic activity); GO:0004013 (adenosylhomocysteinase activity); GO:0005488 (binding); GO:0006730 (one-carbon compound metabolic process); GO:0008152 (metabolic process)	0.8	3.8907745
PF10_0086	adenylate kinase	PF05756 (S-antigen)	GO:0004017 (adenylate kinase activity); GO:0005524 (ATP binding); GO:0005739 (mitochondrion); GO:0019201 (nucleotide kinase activity)	0.6	2.969828
PF13_0287	adenylosuccinate synthetase		GO:0000287 (magnesium ion binding); GO:0004019 (adenylosuccinate synthase activity); GO:0005525 (GTP binding); GO:0006164 (purine nucleotide biosynthetic process); GO:0006167 (AMP biosynthetic process)	0.8	2.7665033
PF13_0354	alanine--tRNA ligase, putative		GO:0000166 (nucleotide binding); GO:0003676 (nucleic acid binding); GO:0004813 (alanine-tRNA ligase activity); GO:0005524 (ATP binding); GO:0005737 (cytoplasm); GO:0006412 (translation); GO:0006419 (alanyl-tRNA aminoacylation); GO:0020011 (apicoplast); GO:0043039 (tRNA aminoacylation)	0.5	2.1228817
MAL13P1.324	aldo-keto reductase, putative	PF00168 (C2)	GO:0004033 (aldo-keto reductase activity); GO:0008152 (metabolic process); GO:0016491 (oxidoreductase activity); GO:0020011 (apicoplast); GO:0055114 (oxidation reduction)	0.1	4.2732069
MAL13P1.390	aminomethyltransferase, putative		GO:0004047 (aminomethyltransferase activity); GO:0005737 (cytoplasm); GO:0006546 (glycine catabolic process)	0.5	3.4248346
PFC0395w	asparagine synthetase, putative		GO:0006529 (asparagine biosynthetic process); GO:0008152 (metabolic process)	0.2	2.0720682
PF11_0111	asparagine-rich antigen		GO:0000166 (nucleotide binding); GO:0003676 (nucleic acid binding)	0.3	2.0034643

PFL1725w	ATP synthase beta chain, mitochondrial precursor, putative	PF08839 (CDT1)	GO:0000166 (nucleotide binding); GO:0005739 (mitochondrion); GO:0015986 (ATP synthesis coupled proton transport); GO:0015992 (proton transport); GO:0016469 (proton-transporting two-sector ATPase complex); GO:0017111 (nucleoside-triphosphatase activity); GO:0046034 (ATP metabolic process)	0.7	4.0080609
PFB0795w	ATP synthase F1, alpha subunit, putative		GO:0005739 (mitochondrion); GO:0015986 (ATP synthesis coupled proton transport); GO:0015992 (proton transport); GO:0016469 (proton-transporting two-sector ATPase complex); GO:0046034 (ATP metabolic process)	0.7	4.2908134
PF08_0048	ATP-dependent helicase, putative		GO:0003676 (nucleic acid binding); GO:0003677 (DNA binding); GO:0004386 (helicase activity); GO:0005524 (ATP binding); GO:0008026 (ATP-dependent helicase activity)	0.5	2.2249352
PF14_0616	ATP-dependent protease la, putative		GO:0000166 (nucleotide binding); GO:0004222 (metalloendopeptidase activity); GO:0005524 (ATP binding); GO:0006508 (proteolysis); GO:0008270 (zinc ion binding); GO:0016020 (membrane); GO:0016021 (integral to membrane); GO:0017111 (nucleoside-triphosphatase activity); GO:0020011 (apicoplast); GO:0030163 (protein catabolic process)	0.2	1.5008562
MAL8P1.92	ATPase, putative	PF00218 (IGPS)	GO:0000166 (nucleotide binding); GO:0005524 (ATP binding); GO:0006810 (transport); GO:0016887 (ATPase activity); GO:0017111 (nucleoside-triphosphatase activity)	0.5	1.3122554
PFC0160w	binding protein, putative		GO:0005515 (protein binding); GO:0008270 (zinc ion binding)	0.1	5.1051438
MAL13P1.119	calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1b	PF00643 (zf-B_box)	GO:0003824 (catalytic activity); GO:0004117 (calmodulin-dependent cyclic-nucleotide phosphodiesterase activity); GO:0007165 (signal transduction)	0.5	5.6844682

PF14_0323	calmodulin		GO:0005509 (calcium ion binding); GO:0005575 (cellular_component); GO:0008150 (biological_process); GO:0019899 (enzyme binding)	0.5	4.375589
PFL1110c	CAMP-dependent protein kinase regulatory subunit, putative		GO:0001932 (regulation of protein amino acid phosphorylation); GO:0005952 (cAMP-dependent protein kinase complex); GO:0008603 (cAMP-dependent protein kinase regulator activity)	0.6	5.402931
PF11_0066	centrin-4	PF07774 (DUF1620)	GO:0005200 (structural constituent of cytoskeleton); GO:0005509 (calcium ion binding); GO:0005813 (centrosome); GO:0007067 (mitosis)	0.5	4.4225485
PF13_0062	clathrin-adaptor medium chain, putative	PF02475 (Met_10)	GO:0005515 (protein binding); GO:0006810 (transport); GO:0006886 (intracellular protein transport); GO:0016192 (vesicle-mediated transport); GO:0030131 (clathrin adaptor complex)	0.2	2.835182
MAL7P1.122	conserved GTP-binding protein, putative	PF04983 (RNA_pol_Rpb1_3); PF04998 (RNA_pol_Rpb1_5); PF05000 (RNA_pol_Rpb1_4)	GO:0005525 (GTP binding); GO:0005622 (intracellular); GO:0007165 (signal transduction)	0.2	2.6270143
PFL1610c	conserved Plasmodium membrane protein, unknown function		GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.1	1.7387391
PF14_0188	conserved Plasmodium membrane protein, unknown function	PF00899 (ThiF); PF02134 (UBACT)	GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.5	1.7621564
PF08_0028	conserved Plasmodium membrane protein, unknown function	PF04055 (Radical_SAM); PF08608 (Wyosine_form)		0.1	2.0901702
PFC1011c	conserved Plasmodium membrane protein, unknown function	PF00004 (AAA)		0.1	2.6523704
PF08_0097	conserved Plasmodium membrane protein, unknown function		GO:0005215 (transporter activity); GO:0006810 (transport); GO:0016020 (membrane)	0.1	2.8651143
PF10_0215	conserved Plasmodium membrane protein, unknown function	PF01399 (PCI)	GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.1	3.7020636
PF07_0016	conserved Plasmodium membrane protein, unknown function	PF01535 (PPR)		0.5	4.8173188

MAL13P1.348	conserved Plasmodium membrane protein, unknown function	PF01602 (Adaptin_N)		0.1	5.2227315
MAL7P1.17	conserved Plasmodium membrane protein, unknown function			0.1	5.3484236
MAL13P1.38	conserved Plasmodium membrane protein, unknown function		GO:0005524 (ATP binding); GO:0006810 (transport); GO:0016021 (integral to membrane)	0.1	5.5292523
PF13_0078	conserved Plasmodium membrane protein, unknown function		GO:0005524 (ATP binding); GO:0006810 (transport); GO:0016021 (integral to membrane)	0.5	5.6814648
PFL0530c	conserved Plasmodium protein, unknown function	PF00012 (HSP70)		0.3	1.0302856
PFF0220w	conserved Plasmodium protein, unknown function			0.5	1.1710394
PF14_0707	conserved Plasmodium protein, unknown function	PF00514 (Arm)		0.3	1.1912068
PFL1175w	conserved Plasmodium protein, unknown function	PF00270 (DEAD); PF00271 (Helicase_C)	GO:0000166 (nucleotide binding)	0.5	1.4737744
PFL0405w	conserved Plasmodium protein, unknown function	PF05148 (Methyltransf_8)	GO:0003674 (molecular_function); GO:0005488 (binding); GO:0008150 (biological_process)	0.5	1.5890376
PFB0375w	conserved Plasmodium protein, unknown function	PF00227 (Proteasome); PF10584 (Proteasome_A_N)	GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.5	1.5944609
PF13_0184	conserved Plasmodium protein, unknown function	PF00005 (ABC_tran)	GO:0016020 (membrane)	0.5	1.5985582
PF14_0214	conserved Plasmodium protein, unknown function			0.5	1.6046013
PF14_0515	conserved Plasmodium protein, unknown function	PF03144 (GTP_EFTU_D2); PF09173 (eIF2_C)	GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.1	1.6125587
PF14_0550	conserved Plasmodium protein, unknown function	PF00083 (Sugar_tr)	GO:0005488 (binding)	0.5	1.643757
PFD0875c	conserved Plasmodium protein, unknown function			0.3	1.7783821
PFB0495w	conserved Plasmodium protein, unknown function	PF00071 (Ras)		0.5	1.8740824
PF10_0099	conserved Plasmodium protein, unknown function	PF01545 (Cation_efflux)		0.5	1.8801369
MAL13P1.349	conserved Plasmodium protein, unknown function	PF00183 (HSP90)		0.5	1.9120729
PFA0275c	conserved Plasmodium protein, unknown function	PF02181 (FH2); PF10409 (PTEN_C2)		0.1	1.9290443

PF11_0123	conserved Plasmodium protein, unknown function			0.5	1.9503512
PF10285w	conserved Plasmodium protein, unknown function		GO:0003677 (DNA binding); GO:0005515 (protein binding); GO:0005634 (nucleus); GO:0006350 (transcription); GO:0030528 (transcription regulator activity)	0.5	1.9516252
MAL13P1.323	conserved Plasmodium protein, unknown function	PF00590 (TP_methylase)		0.1	2.1254606
PF13_0273	conserved Plasmodium protein, unknown function	PF00130 (C1_1); PF00609 (DAGK_acc); PF00781 (DAGK_cat)		0.5	2.1652482
PFL1795c	conserved Plasmodium protein, unknown function	PF00749 (tRNA-synt_1c); PF03950 (tRNA-synt_1c_C)	GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.5	2.1879865
PF13_0357	conserved Plasmodium protein, unknown function			0.1	2.1937306
PF14_0657	conserved Plasmodium protein, unknown function		GO:0005622 (intracellular); GO:0008270 (zinc ion binding)	0.5	2.2289238
MAL7P1.204	conserved Plasmodium protein, unknown function	PF00004 (AAA)		0.3	2.2564183
PF14_0023	conserved Plasmodium protein, unknown function	PF00398 (RrnaAD)	GO:0001522 (pseudouridine synthesis); GO:0003723 (RNA binding); GO:0008150 (biological_process); GO:0009451 (RNA modification); GO:0009982 (pseudouridine synthase activity)	0.1	2.2613529
PF14_0504	conserved Plasmodium protein, unknown function	PF00112 (Peptidase_C1)		0.5	2.4172135
PF11_0076	conserved Plasmodium protein, unknown function		GO:0003674 (molecular_function); GO:0008150 (biological_process); GO:0020011 (apicoplast)	0.5	2.487774
PFE1015c	conserved Plasmodium protein, unknown function			0.1	2.7269659
MAL13P1.300	conserved Plasmodium protein, unknown function	PF00004 (AAA); PF01434 (Peptidase_M41); PF06480 (FtsH_ext)	GO:0020011 (apicoplast)	0.1	2.8461267
PF14_0101	conserved Plasmodium protein, unknown function			0.5	3.0551709
MAL13P1.336	conserved Plasmodium protein, unknown function			0.3	3.082385
PFL1135c	conserved Plasmodium protein, unknown function	PF04874 (Mak16)	GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.5	3.1312774

PF11_0432	conserved Plasmodium protein, unknown function	PF06682 (DUF1183); PF06762 (DUF1222)	GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.1	3.1332056
PFI0795w	conserved Plasmodium protein, unknown function	PF01529 (zf-DHHC)		0.1	3.1812907
PFE0190c	conserved Plasmodium protein, unknown function	PF00012 (HSP70)		0.3	3.2449865
PFE1480c	conserved Plasmodium protein, unknown function	PF03643 (Vps26)		0.5	3.2991176
PF07_0010	conserved Plasmodium protein, unknown function			0.5	3.4902708
PF13_0237	conserved Plasmodium protein, unknown function			0.1	3.7268268
PFA0550w	conserved Plasmodium protein, unknown function	PF00270 (DEAD); PF00271 (Helicase_C)		0.1	3.890341
PF13_0200	conserved Plasmodium protein, unknown function	PF01227 (GTP_cyclohydrol)		0.5	3.9649216
PF14_0538	conserved Plasmodium protein, unknown function			0.5	4.0177885
PF13_0199	conserved Plasmodium protein, unknown function	PF00008 (EGF)		0.1	4.0430487
PF13_0148	conserved Plasmodium protein, unknown function		GO:0005576 (extracellular region); GO:0006511 (ubiquitin-dependent protein catabolic process); GO:0009405 (pathogenesis); GO:0031461 (cullin-RING ubiquitin ligase complex); GO:0031625 (ubiquitin protein ligase binding)	0.5	4.0442613
PF14_0268	conserved Plasmodium protein, unknown function	PF00118 (Cpn60_TCP1)		0.3	4.0714226
PFI0830c	conserved Plasmodium protein, unknown function	PF01590 (GAF); PF10507 (DUF2453)	GO:0005488 (binding)	0.1	4.1801703
PF07_0042	conserved Plasmodium protein, unknown function	PF00008 (EGF); PF07462 (MSP1_C)	GO:0003677 (DNA binding)	0.5	4.2099447
MAL8P1.53	conserved Plasmodium protein, unknown function	PF00069 (Pkinase)		0.1	4.4433805
PFE0235c	conserved Plasmodium protein, unknown function		GO:0016740 (transferase activity)	0.5	4.5197427
MAL7P1.203	conserved Plasmodium protein, unknown function	PF00071 (Ras)	GO:0005634 (nucleus)	0.5	4.5462795
PFI0565w	conserved Plasmodium protein, unknown function	PF00071 (Ras)		0.4	4.556311

MAL7P1.30	conserved Plasmodium protein, unknown function			0.5	4.5952672
MAL8P1.84	conserved Plasmodium protein, unknown function	PF01926 (MMR_HSR1); PF06071 (YchF-GTPase_C)		0.3	4.6511625
PFF0545c	conserved Plasmodium protein, unknown function			0.1	4.7047789
PF14_0405	conserved Plasmodium protein, unknown function	PF00867 (XPG_I)		0.5	4.7282178
PFI0395w	conserved Plasmodium protein, unknown function			0.5	5.0210918
PF11_0354	conserved Plasmodium protein, unknown function			0.5	5.0928319
MAL13P1.29	conserved Plasmodium protein, unknown function	PF00076 (RRM_1)	GO:0005524 (ATP binding); GO:0006810 (transport); GO:0016021 (integral to membrane)	0.5	5.2370775
PF14_0383	conserved Plasmodium protein, unknown function	PF00310 (GATase_2); PF00733 (Asn_synthase)	GO:0005622 (intracellular); GO:0008270 (zinc ion binding)	0.1	5.2860093
PFF0570c	conserved Plasmodium protein, unknown function	PF05024 (Gpi1)	GO:0005524 (ATP binding); GO:0006810 (transport); GO:0016021 (integral to membrane)	0.1	5.2866439
PF11_0158	conserved Plasmodium protein, unknown function			0.5	5.2935551
PFC0345w	conserved Plasmodium protein, unknown function	PF00012 (HSP70)	GO:0005622 (intracellular); GO:0008270 (zinc ion binding)	0.5	5.3377125
PF10_0184	conserved Plasmodium protein, unknown function			0.5	5.3593444
PF07_0021	conserved Plasmodium protein, unknown function	PF01529 (zf-DHHC)		0.1	5.408591
PFI1210w	conserved Plasmodium protein, unknown function			0.5	5.4524731
PF11_0304	conserved Plasmodium protein, unknown function		GO:0003674 (molecular_function); GO:0008150 (biological_process); GO:0020011 (apicoplast)	0.5	5.548189
PFL0315c	conserved Plasmodium protein, unknown function	PF10453 (NUFIP1)		0.5	5.5673433
PF10_0135	conserved Plasmodium protein, unknown function	PF00928 (Adap_comp_sub)	GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.3	5.5739371
MAL13P1.380	conserved Plasmodium protein, unknown function	PF06487 (SAP18)		0.5	5.6909583
PF11_0107	conserved Plasmodium protein, unknown function		GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.1	5.7145864

PFD1100c	conserved Plasmodium protein, unknown function	PF03144 (GTP_EFTU_D2); PF03764 (EFG_IV)	GO:0020011 (apicoplast)	0.3	5.7206385
PF14_0337	conserved Plasmodium protein, unknown function	PF00149 (Metallophos)		0.5	5.8082873
PFC0820w	conserved Plasmodium protein, unknown function	PF03143 (GTP_EFTU_D3); PF03144 (GTP_EFTU_D2)	GO:0005488 (binding)	0.5	5.8606395
PFD0885c	conserved Plasmodium protein, unknown function	PF00071 (Ras)		0.5	5.9228394
PF11_0277	conserved Plasmodium protein, unknown function			0.1	5.9303492
PF08_0035	conserved Plasmodium protein, unknown function			0.1	5.9880096
MAL13P1.260	conserved Plasmodium protein, unknown function			0.5	6.0320441
PFL0470w	conserved Plasmodium protein, unknown function	PF01694 (Rhomboid)		0.5	6.1932188
PFE1240w	conserved protein, unknown function		GO:0003824 (catalytic activity); GO:0051536 (iron-sulfur cluster binding)	0.1	1.8546544
MAL8P1.105	conserved protein, unknown function			0.1	2.3618461
PF14_0597	cytochrome c1 precursor, putative		GO:0005506 (iron ion binding); GO:0005750 (mitochondrial respiratory chain complex III); GO:0009055 (electron carrier activity); GO:0020037 (heme binding)	0.2	4.5500239
PFD0311w	cytosolic glyoxalase II		GO:0004416 (hydroxyacylglutathione hydrolase activity); GO:0006089 (lactate metabolic process); GO:0008270 (zinc ion binding); GO:0016787 (hydrolase activity)	0.8	2.8112782
PFL2010c	DEAD/DEAH box helicase, putative		GO:0003676 (nucleic acid binding); GO:0004004 (ATP-dependent RNA helicase activity); GO:0004386 (helicase activity); GO:0005524 (ATP binding); GO:0005575 (cellular_component); GO:0008026 (ATP-dependent helicase activity); GO:0016070 (RNA metabolic process)	0.3	1.6045349
PF14_0125	deoxyhypusine synthase	PF07665 (MpPF2)	GO:0006412 (translation); GO:0008612 (peptidyl-lysine modification to hypusine); GO:0050983 (spermidine catabolic process to deoxyhypusine, using deoxyhypusine synthase)	0.8	1.8463864

PF11_0282	deoxyuridine 5'-triphosphate nucleotidohydrolase, putative		GO:0004170 (dUTP diphosphatase activity); GO:0005575 (cellular_component); GO:0006260 (DNA replication); GO:0006399 (tRNA metabolic process); GO:0016787 (hydrolase activity); GO:0046080 (dUTP metabolic process)	0.6	3.9044221
MAL13P1.126	DHHC-type zinc finger protein, putative		GO:0005524 (ATP binding); GO:0006810 (transport); GO:0008270 (zinc ion binding); GO:0016020 (membrane); GO:0016021 (integral to membrane)	0.1	5.2677764
PF11485c	diacylglycerol kinase, putative		GO:0004143 (diacylglycerol kinase activity); GO:0007205 (activation of protein kinase C activity); GO:0007242 (intracellular signaling cascade); GO:0020011 (apicoplast)	0.4	6.0645611
PF14_0156	dimethyladenosine transferase, putative		GO:0000154 (rRNA modification); GO:0006364 (rRNA processing); GO:0008649 (rRNA methyltransferase activity)	0.2	1.8316609
PF10_0087	diphthine synthase		GO:0004164 (diphthine synthase activity); GO:0005575 (cellular_component); GO:0008152 (metabolic process); GO:0008168 (methyltransferase activity); GO:0017183 (peptidyl-diphthamide biosynthetic process from peptidyl-histidine)	0.2	1.5050605
PFD0590c	DNA polymerase alpha	PF02213 (GYF)	GO:0000166 (nucleotide binding); GO:0003676 (nucleic acid binding); GO:0003677 (DNA binding); GO:0003887 (DNA-directed DNA polymerase activity); GO:0005634 (nucleus); GO:0006260 (DNA replication)	0.8	4.3158593

PF10_0165	DNA polymerase delta catalytic subunit		GO:0000166 (nucleotide binding); GO:0003676 (nucleic acid binding); GO:0003677 (DNA binding); GO:0003887 (DNA-directed DNA polymerase activity); GO:0005634 (nucleus); GO:0006260 (DNA replication); GO:0008310 (single-stranded DNA specific 3'-5' exodeoxyribonuclease activity); GO:0043625 (delta DNA polymerase complex)	0.8	3.8838987
PFF1470c	DNA polymerase epsilon, catalytic subunit a, putative		GO:0000166 (nucleotide binding); GO:0003676 (nucleic acid binding); GO:0003677 (DNA binding); GO:0003887 (DNA-directed DNA polymerase activity); GO:0006260 (DNA replication); GO:0006261 (DNA-dependent DNA replication); GO:0008270 (zinc ion binding); GO:0008622 (epsilon DNA polymerase complex)	0.5	3.9906662
PF14_0639	DNA-3-methyladenine glycosylase, putative		GO:0003677 (DNA binding); GO:0003824 (catalytic activity); GO:0003905 (alkylbase DNA N-glycosylase activity); GO:0005575 (cellular_component); GO:0006284 (base-excision repair)	0.3	2.0742087
PFB0715w	DNA-directed RNA polymerase II second largest subunit, putative		GO:0003677 (DNA binding); GO:0003899 (DNA-directed RNA polymerase activity); GO:0005665 (DNA-directed RNA polymerase II, core complex); GO:0006350 (transcription); GO:0006366 (transcription from RNA polymerase II promoter)	0.8	2.4074974
PFL0330c	DNA-directed RNA polymerase III subunit, putative	PF08711 (TFIIS)	GO:0003677 (DNA binding); GO:0003899 (DNA-directed RNA polymerase activity); GO:0005666 (DNA-directed RNA polymerase III complex); GO:0006350 (transcription); GO:0006383 (transcription from RNA polymerase III promoter)	0.5	1.7041893
PF08_0032	DNAJ protein, putative		GO:0006457 (protein folding); GO:0031072 (heat shock protein binding); GO:0051082 (unfolded protein binding)	0.1	3.4830016
PFI0315c	dynein light intermediate chain 2, cytosolic		GO:0003774 (motor activity)	0.5	1.0635295

PF14_0486	elongation factor 2		GO:0003746 (translation elongation factor activity); GO:0003924 (GTPase activity); GO:0005525 (GTP binding); GO:0005575 (cellular_component); GO:0006414 (translational elongation)	0.2	2.5650101
MAL13P1.164	elongation factor Tu, putative		GO:0003746 (translation elongation factor activity); GO:0003924 (GTPase activity); GO:0005525 (GTP binding); GO:0005622 (intracellular); GO:0006414 (translational elongation)	0.2	3.8768026
PF10_0080	endonuclease, putative		GO:0003677 (DNA binding); GO:0003824 (catalytic activity); GO:0004518 (nuclease activity); GO:0005739 (mitochondrion); GO:0006281 (DNA repair)	0.3	4.8319018
MAL7P1.12	erythrocyte membrane-associated antigen		GO:0016020 (membrane)	0.1	2.4878486
PF14_0104	eukaryotic translation initiation factor 2 gamma subunit, putative		GO:0003924 (GTPase activity); GO:0005525 (GTP binding); GO:0005850 (eukaryotic translation initiation factor 2 complex); GO:0006413 (translational initiation)	0.2	2.3786858
PFE1405c	eukaryotic translation initiation factor 3, subunit 6, putative		GO:0003677 (DNA binding)	0.1	2.1976977
PFL2275c	FK506-binding protein (FKBP)-type peptidyl-propyl isomerase		GO:0003755 (peptidyl-prolyl cis-trans isomerase activity); GO:0005488 (binding); GO:0005528 (FK506 binding); GO:0005575 (cellular_component); GO:0006457 (protein folding)	0.6	3.0188449
PFD0420c	flap endonuclease 1		GO:0003677 (DNA binding); GO:0003824 (catalytic activity); GO:0004518 (nuclease activity); GO:0004520 (endodeoxyribonuclease activity); GO:0006281 (DNA repair); GO:0008409 (5'-3' exonuclease activity)	0.8	4.3941724

PFL0925w	formin 2, putative		GO:0000910 (cytokinesis); GO:0003779 (actin binding); GO:0005575 (cellular_component); GO:0016043 (cellular component organization and biogenesis); GO:0030036 (actin cytoskeleton organization and biogenesis)	0.1	4.5540415
PFI0380c	formylmethionine deformylase, putative		GO:0005506 (iron ion binding); GO:0006412 (translation); GO:0020011 (apicoplast); GO:0042586 (peptide deformylase activity)	0.8	3.2841281
PFB0510w	GAF domain-related protein, putative		GO:0003674 (molecular_function); GO:0008150 (biological_process)	0.1	5.267956
PFI0925w	gamma-glutamylcysteine synthetase		GO:0004357 (glutamate-cysteine ligase activity); GO:0006750 (glutathione biosynthetic process)	0.6	2.1451004
PF13_0257	glutamate--tRNA ligase, putative		GO:0000166 (nucleotide binding); GO:0004812 (aminoacyl-tRNA ligase activity); GO:0004818 (glutamate-tRNA ligase activity); GO:0005524 (ATP binding); GO:0005737 (cytoplasm); GO:0006412 (translation); GO:0006418 (tRNA aminoacylation for protein translation); GO:0006424 (glutamyl-tRNA aminoacylation)	0.3	1.9315084
PF13_0170	glutaminyl-tRNA synthetase, putative		GO:0000166 (nucleotide binding); GO:0004812 (aminoacyl-tRNA ligase activity); GO:0004819 (glutamine-tRNA ligase activity); GO:0005524 (ATP binding); GO:0005737 (cytoplasm); GO:0006412 (translation); GO:0006418 (tRNA aminoacylation for protein translation); GO:0006425 (glutaminyl-tRNA aminoacylation)	0.8	2.1899936
PF10_0123	GMP synthetase		GO:0003824 (catalytic activity); GO:0003921 (GMP synthase activity); GO:0005524 (ATP binding); GO:0005575 (cellular_component); GO:0006164 (purine nucleotide biosynthetic process); GO:0006177 (GMP biosynthetic process)	0.6	1.9660071

PFL1155w	GTP cyclohydrolase I		GO:0006730 (one-carbon compound metabolic process); GO:0009396 (folic acid and derivative biosynthetic process)	0.3	3.1690009
PFL2415w	Hbeta58/Vps26 protein homolog, putative	PF00400 (WD40)	GO:0003674 (molecular_function); GO:0007034 (vacuolar transport); GO:0030904 (retromer complex); GO:0042147 (retrograde transport, endosome to Golgi)	0.2	4.1735934
PF08_0054	heat shock 70 kDa protein		GO:0005524 (ATP binding); GO:0006986 (response to unfolded protein); GO:0009408 (response to heat)	0.2	2.5875201
PF10_0153	heat shock protein 60		GO:0005515 (protein binding); GO:0005524 (ATP binding); GO:0005739 (mitochondrion); GO:0006626 (protein targeting to mitochondrion); GO:0006986 (response to unfolded protein); GO:0042623 (ATPase activity, coupled); GO:0044267 (cellular protein metabolic process)	0.2	3.1144282
PFI0875w	Heat shock protein 70 (HSP70) homologue		GO:0005524 (ATP binding)	0.2	3.8329496
PF11_0351	heat shock protein hsp70 homologue		GO:0005524 (ATP binding); GO:0005575 (cellular_component); GO:0006457 (protein folding); GO:0006986 (response to unfolded protein); GO:0009408 (response to heat); GO:0051082 (unfolded protein binding)	0.2	2.8938506
PFF1155w	hexokinase	PF08514 (STAG)	GO:0005524 (ATP binding); GO:0005575 (cellular_component); GO:0005975 (carbohydrate metabolic process)	0.6	2.9501507
PF14_0417	HSP90	PF00400 (WD40)	GO:0005524 (ATP binding); GO:0009408 (response to heat); GO:0020011 (apicoplast); GO:0042623 (ATPase activity, coupled)	0.3	3.4654461

PF08_0087	importin alpha, putative	PF00069 (Pkinase)	GO:0005488 (binding); GO:0005634 (nucleus); GO:0005643 (nuclear pore); GO:0005737 (cytoplasm); GO:0006606 (protein import into nucleus); GO:0006607 (NLS-bearing substrate import into nucleus); GO:0006886 (intracellular protein transport); GO:0008565 (protein transporter activity)	0.2	3.1816383
MAL13P1.319	indole-3-glycerol-phosphate synthase, putative	PF05783 (DLIC)	GO:0003824 (catalytic activity); GO:0008152 (metabolic process)	0.1	3.854046
PFF0645c	integral membrane protein, putative	PF00069 (Pkinase)	GO:0005524 (ATP binding); GO:0006810 (transport); GO:0016021 (integral to membrane)	0.1	5.7610513
PF13_0179	isoleucine - tRNA ligase, putative	PF00005 (ABC_tran); PF00664 (ABC_membrane)	GO:0000166 (nucleotide binding); GO:0004812 (aminoacyl-tRNA ligase activity); GO:0004822 (isoleucine-tRNA ligase activity); GO:0005524 (ATP binding); GO:0005737 (cytoplasm); GO:0006412 (translation); GO:0006418 (tRNA aminoacylation for protein translation); GO:0006428 (isoleucyl-tRNA aminoacylation); GO:0008270 (zinc ion binding)	0.7	2.6326826
PF08_0011	leucine - tRNA ligase	PF02493 (MORN)	GO:0000166 (nucleotide binding); GO:0004812 (aminoacyl-tRNA ligase activity); GO:0004823 (leucine-tRNA ligase activity); GO:0005524 (ATP binding); GO:0005737 (cytoplasm); GO:0006412 (translation); GO:0006418 (tRNA aminoacylation for protein translation); GO:0006429 (leucyl-tRNA aminoacylation); GO:0020011 (apicoplast)	0.5	3.0900292
PFF1095w	leucyl tRNA synthase	PF00004 (AAA)	GO:0000166 (nucleotide binding); GO:0004812 (aminoacyl-tRNA ligase activity); GO:0004823 (leucine-tRNA ligase activity); GO:0005524 (ATP binding); GO:0005737 (cytoplasm); GO:0006412 (translation); GO:0006418 (tRNA aminoacylation for protein translation); GO:0006429 (leucyl-tRNA aminoacylation)	0.7	2.4118473

PFL1550w	lipoamide dehydrogenase		GO:0004148 (dihydrolipoyl dehydrogenase activity); GO:0005737 (cytoplasm); GO:0005759 (mitochondrial matrix); GO:0016491 (oxidoreductase activity); GO:0045454 (cell redox homeostasis); GO:0050660 (FAD binding)	0.3	3.5103738
PFI1570c	M18 aspartyl aminopeptidase		GO:0004177 (aminopeptidase activity); GO:0005773 (vacuole); GO:0006508 (proteolysis); GO:0008270 (zinc ion binding)	0.6	2.7457424
PFF0895w	malate dehydrogenase		GO:0003824 (catalytic activity); GO:0005488 (binding); GO:0005739 (mitochondrion); GO:0005975 (carbohydrate metabolic process); GO:0006096 (glycolysis); GO:0006099 (tricarboxylic acid cycle); GO:0008152 (metabolic process); GO:0016491 (oxidoreductase activity); GO:0016615 (malate dehydrogenase activity); GO:0044262 (cellular carbohydrate metabolic process)	0.8	5.0497884
PFF0995c	Merozoite surface protein 10, MSP10	PF08241 (Methyltransf_11)		0.1	5.8929058
PFI0700c	met-10+ like protein, putative		GO:0020011 (apicoplast)	0.1	1.0590471
PF10_0150	methionine aminopeptidase, putative	PF01189 (Nol1_Nop2_Fmu)	GO:0004177 (aminopeptidase activity); GO:0005575 (cellular_component); GO:0006417 (regulation of translation); GO:0006464 (protein modification process); GO:0006508 (proteolysis); GO:0008235 (metalloexopeptidase activity); GO:0009987 (cellular process)	0.8	2.0802669
PFI1235w	methyltransferase, putative	PF00847 (AP2)		0.3	1.4965241
PF08_0092	methyltransferase, putative	PF07973 (tRNA_SAD)		0.1	1.6463629
PF07_0020	methyltransferase, putative	PF00847 (AP2)	GO:0008152 (metabolic process); GO:0008168 (methyltransferase activity)	0.5	1.8118316
PF07_0015	methyltransferase, putative			0.5	2.008191
MAL13P1.32	MORN repeat protein, putative	PF00176 (SNF2_N); PF00271 (Helicase_C)		0.5	1.2378271

PFE1150w	multidrug resistance protein	PF00849 (PseudoU_synth_2)	GO:0000166 (nucleotide binding); GO:0005524 (ATP binding); GO:0006810 (transport); GO:0016021 (integral to membrane); GO:0016887 (ATPase activity); GO:0017111 (nucleoside-triphosphatase activity); GO:0042493 (response to drug)	0.7	0.9188501
PFF0675c	myosin E	PF00133 (tRNA-synt_1)	GO:0003774 (motor activity); GO:0003779 (actin binding); GO:0005524 (ATP binding); GO:0016459 (myosin complex)	0.1	5.943398
PFF0915w	N-acetylglucosamine transferase	PF01571 (GCV_T)	GO:0006506 (GPI anchor biosynthetic process); GO:0016021 (integral to membrane); GO:0017176 (phosphatidylinositol N-acetylglucosaminyltransferase activity)	0.1	4.7772398
PFF0785w	Ndc80 homologue, putative	PF00136 (DNA_pol_B); PF03104 (DNA_pol_B_exo)	GO:0005515 (protein binding); GO:0016020 (membrane); GO:0016192 (vesicle-mediated transport)	0.5	4.507689
PFB0175c	nucleolar preribosomal assembly protein, putative	PF00036 (efhand)		0.3	1.5466582
PF13_0349	nucleoside diphosphate kinase b, putative	PF00069 (Pkinase)	GO:0004550 (nucleoside diphosphate kinase activity); GO:0005524 (ATP binding); GO:0006183 (GTP biosynthetic process); GO:0006228 (UTP biosynthetic process); GO:0006241 (CTP biosynthetic process)	0.2	3.9566428
PFL1605w	pentatricopeptide repeat protein, putative	PF03801 (Ndc80_HEC)		0.1	3.3555353
MAL13P1.19	peptidase, putative	PF00069 (Pkinase); PF07714 (Pkinase_Tyr)	GO:0005086 (ARF guanyl-nucleotide exchange factor activity); GO:0005488 (binding); GO:0005622 (intracellular); GO:0032012 (regulation of ARF protein signal transduction)	0.5	3.9657481
PF11_0225	PfGCN20		GO:0000166 (nucleotide binding); GO:0005524 (ATP binding); GO:0006417 (regulation of translation); GO:0006810 (transport); GO:0016020 (membrane); GO:0016887 (ATPase activity); GO:0017111 (nucleoside-triphosphatase activity); GO:0042626 (ATPase activity, coupled to transmembrane movement of substances)	0.4	1.8474668

PF08_0110	PfRab18, GTPase	PF00069 (Pkinase)	GO:0003924 (GTPase activity); GO:0005515 (protein binding); GO:0005525 (GTP binding); GO:0005622 (intracellular); GO:0006886 (intracellular protein transport); GO:0006913 (nucleocytoplasmic transport); GO:0007165 (signal transduction); GO:0007264 (small GTPase mediated signal transduction); GO:0015031 (protein transport)	0.2	3.2621681
PFE0690c	PfRab1a	PF00069 (Pkinase); PF00536 (SAM_1)	GO:0003924 (GTPase activity); GO:0005515 (protein binding); GO:0005525 (GTP binding); GO:0005622 (intracellular); GO:0006886 (intracellular protein transport); GO:0006913 (nucleocytoplasmic transport); GO:0007165 (signal transduction); GO:0007264 (small GTPase mediated signal transduction); GO:0015031 (protein transport)	0.2	3.9469485
PF11_0461	PfRab6, GTPase		GO:0003924 (GTPase activity); GO:0005515 (protein binding); GO:0005525 (GTP binding); GO:0005622 (intracellular); GO:0005794 (Golgi apparatus); GO:0006886 (intracellular protein transport); GO:0006913 (nucleocytoplasmic transport); GO:0007165 (signal transduction); GO:0007264 (small GTPase mediated signal transduction); GO:0015031 (protein transport)	0.2	4.8525855
PF10155c	PfRab7, GTPase		GO:0003924 (GTPase activity); GO:0005515 (protein binding); GO:0005525 (GTP binding); GO:0005622 (intracellular); GO:0006886 (intracellular protein transport); GO:0006913 (nucleocytoplasmic transport); GO:0007165 (signal transduction); GO:0007264 (small GTPase mediated signal transduction); GO:0015031 (protein transport)	0.2	3.805761
PF11105w	phosphoglycerate kinase	PF00004 (AAA)	GO:0004618 (phosphoglycerate kinase activity); GO:0006096 (glycolysis)	0.8	2.8979751

MAL13P1.270	proteasome subunit, putative		GO:0004175 (endopeptidase activity); GO:0004298 (threonine endopeptidase activity); GO:0005839 (proteasome core complex); GO:0006511 (ubiquitin-dependent protein catabolic process); GO:0051603 (proteolysis involved in cellular protein catabolic process)	0.2	3.3121615
PF11_0220	protein kinase		GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0006468 (protein amino acid phosphorylation)	0.5	4.9535483
PF14_0492	protein phosphatase 2b regulatory subunit, putative	PF01564 (Spermine_synth)	GO:0005509 (calcium ion binding); GO:0005955 (calcineurin complex); GO:0006470 (protein amino acid dephosphorylation); GO:0008597 (calcium-dependent protein serine/threonine phosphatase regulator activity)	0.9	5.2159471
PFF1300w	pyruvate kinase	PF00254 (FKBP_C); PF00515 (TPR_1)	GO:0000287 (magnesium ion binding); GO:0003824 (catalytic activity); GO:0004743 (pyruvate kinase activity); GO:0006096 (glycolysis); GO:0030955 (potassium ion binding)	0.2	2.9477631
PF14_0300	Qa-SNARE protein, putative	PF00692 (dUTPase)	GO:0003674 (molecular_function); GO:0005515 (protein binding); GO:0008150 (biological_process); GO:0016020 (membrane); GO:0016192 (vesicle-mediated transport)	0.3	3.5945339
PFL2030w	queuine tRNA-ribosyltransferase, putative	PF02670 (DXP_reductoisom); PF08436 (DXP_redisom_C)	GO:0006400 (tRNA modification); GO:0008479 (queuine tRNA-ribosyltransferase activity); GO:0008616 (queuosine biosynthetic process); GO:0020011 (apicoplast)	0.6	2.8001675

PF11_0087	Rad51 homolog	PF00549 (Ligase_CoA); PF02629 (CoA_binding)	GO:0000150 (recombinase activity); GO:0000166 (nucleotide binding); GO:0003677 (DNA binding); GO:0003684 (damaged DNA binding); GO:0005515 (protein binding); GO:0005524 (ATP binding); GO:0005634 (nucleus); GO:0006259 (DNA metabolic process); GO:0006281 (DNA repair); GO:0006310 (DNA recombination); GO:0008094 (DNA-dependent ATPase activity); GO:0017111 (nucleoside-triphosphatase activity)	0.2	4.0283619
PF10_0071	rhoGAP GTPase, putative	PF00027 (cNMP_binding)	GO:0005100 (Rho GTPase activator activity); GO:0005622 (intracellular); GO:0007165 (signal transduction); GO:0007266 (Rho protein signal transduction); GO:0020011 (apicoplast)	0.1	5.4855672
PFL2505c	rhoptry neck protein 3, putative		GO:0020011 (apicoplast)	0.1	5.4583951
MAL13P1.292	riboflavin kinase / FAD synthase family protein, putative	PF00005 (ABC_tran); PF00664 (ABC_membrane)	GO:0008531 (riboflavin kinase activity); GO:0009231 (riboflavin biosynthetic process)	0.2	1.6471748
PF14_0053	ribonucleotide reductase small subunit	PF00133 (tRNA-synt_1); PF08264 (Anticodon_1)	GO:0004748 (ribonucleoside-diphosphate reductase activity); GO:0005575 (cellular_component); GO:0006260 (DNA replication); GO:0009186 (deoxyribonucleoside diphosphate metabolic process); GO:0016491 (oxidoreductase activity); GO:0046914 (transition metal ion binding)	1	4.0946595
PF10_0154	ribonucleotide reductase small subunit, putative	PF00133 (tRNA-synt_1); PF08264 (Anticodon_1); PF09334 (tRNA-synt_1g)	GO:0004748 (ribonucleoside-diphosphate reductase activity); GO:0005575 (cellular_component); GO:0006260 (DNA replication); GO:0009186 (deoxyribonucleoside diphosphate metabolic process); GO:0016491 (oxidoreductase activity); GO:0046914 (transition metal ion binding)	0.8	4.1806503

PFE1080w	ribosomal large subunit pseudouridylate synthase, putative	PF00133 (tRNA-synt_1); PF08264 (Anticodon_1)	GO:0001522 (pseudouridine synthesis); GO:0003723 (RNA binding); GO:0004730 (pseudouridylate synthase activity); GO:0006364 (rRNA processing); GO:0009451 (RNA modification); GO:0009982 (pseudouridine synthase activity)	0.5	2.9562018
PFL1705w	RNA binding protein, putative	PF00006 (ATP-synt_ab); PF00306 (ATP-synt_ab_C); PF02874 (ATP-synt_ab_N)	GO:0000166 (nucleotide binding); GO:0003676 (nucleic acid binding); GO:0005515 (protein binding); GO:0008270 (zinc ion binding)	0.5	1.6226167
PF08_0096	RNA helicase, putative	PF00006 (ATP-synt_ab); PF00306 (ATP-synt_ab_C); PF02874 (ATP-synt_ab_N)	GO:0003676 (nucleic acid binding); GO:0003724 (RNA helicase activity); GO:0004386 (helicase activity); GO:0005524 (ATP binding); GO:0008026 (ATP-dependent helicase activity)	0.2	2.4293568
PFE0465c	RNA polymerase I	PF00006 (ATP-synt_ab); PF00306 (ATP-synt_ab_C); PF02874 (ATP-synt_ab_N)	GO:0003677 (DNA binding); GO:0003899 (DNA-directed RNA polymerase activity); GO:0005736 (DNA-directed RNA polymerase I complex); GO:0006350 (transcription); GO:0006360 (transcription from RNA polymerase I promoter)	0.1	1.6057119
PF14_0476	serine/threonine protein kinase, putative	PF00749 (tRNA-synt_1c); PF03950 (tRNA-synt_1c_C)	GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0005575 (cellular_component); GO:0006468 (protein amino acid phosphorylation)	0.5	0.4243658
PFC0385c	serine/threonine protein kinase, putative	PF00709 (Adenylsucc_synt)	GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0006468 (protein amino acid phosphorylation)	0.9	5.0894274
MAL7P1.18	serine/threonine protein kinase, putative		GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0006468 (protein amino acid phosphorylation)	0.1	5.2108704

PF14_0392	serine/threonine protein kinase, putative	PF00562 (RNA_pol_Rpb2_6); PF04560 (RNA_pol_Rpb2_7); PF04561 (RNA_pol_Rpb2_2); PF04563 (RNA_pol_Rpb2_1); PF04565 (RNA_pol_Rpb2_3); PF04566 (RNA_pol_Rpb2_4);	GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0005575 (cellular_component); GO:0006468 (protein amino acid phosphorylation)	0.5	5.4347111
PFE1290w	serine/threonine-protein kinase Nek-2		GO:0004672 (protein kinase activity); GO:0004674 (protein serine/threonine kinase activity); GO:0004713 (protein tyrosine kinase activity); GO:0005524 (ATP binding); GO:0005575 (cellular_component); GO:0006468 (protein amino acid phosphorylation)	0.5	1.2082574
MAL7P1.37	sin3 associated polypeptide p18-like protein	PF00136 (DNA_pol_B); PF03104 (DNA_pol_B_exo)	GO:0000118 (histone deacetylase complex); GO:0003714 (transcription corepressor activity); GO:0006357 (regulation of transcription from RNA polymerase II promoter)	0.3	3.4253201
PF11_0301	spermidine synthase	PF00670 (AdoHcyase_NAD)	GO:0003824 (catalytic activity); GO:0004766 (spermidine synthase activity); GO:0005575 (cellular_component); GO:0008295 (spermidine biosynthetic process)	0.6	3.0168268
PF11_0097	succinyl-CoA synthetase alpha subunit, putative	PF00268 (Ribonuc_red_sm)	GO:0003824 (catalytic activity); GO:0004776 (succinate-CoA ligase (GDP-forming) activity); GO:0005488 (binding); GO:0006099 (tricarboxylic acid cycle); GO:0006104 (succinyl-CoA metabolic process); GO:0008152 (metabolic process); GO:0045244 (succinate-CoA ligase complex (GDP-forming))	0.6	4.6933807
PFF0560c	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin	PF00136 (DNA_pol_B); PF03104 (DNA_pol_B_exo)		0.1	2.5608254
PF11_0404	transcription factor with AP2 domain(s), putative	PF00056 (Ldh_1_N)	GO:0003700 (transcription factor activity)	0.5	2.1627753

PFB0290c	transcription factor, putative	PF00149 (Metallophos)	GO:0003676 (nucleic acid binding); GO:0003700 (transcription factor activity); GO:0005666 (DNA-directed RNA polymerase III complex); GO:0006383 (transcription from RNA polymerase III promoter); GO:0008270 (zinc ion binding); GO:0030528 (transcription regulator activity); GO:0045449 (regulation of transcription)	0.6	1.6790595
PFB0435c	transporter, putative	PF00069 (Pkinase)	GO:0005328 (neurotransmitter:sodium symporter activity); GO:0005887 (integral to plasma membrane); GO:0006836 (neurotransmitter transport); GO:0016020 (membrane)	0.5	5.2228791
PF10_0084	tubulin beta chain, putative	PF00069 (Pkinase)	GO:0000226 (microtubule cytoskeleton organization and biogenesis); GO:0003924 (GTPase activity); GO:0005198 (structural molecule activity); GO:0005200 (structural constituent of cytoskeleton); GO:0005525 (GTP binding); GO:0005874 (microtubule); GO:0007017 (microtubule-based process); GO:0007018 (microtubule-based movement); GO:0043234 (protein complex); GO:0051258 (protein polymerization)	1	4.3937228
PF13_0182	ubiquitin-activating enzyme, putative	PF00069 (Pkinase)	GO:0003824 (catalytic activity); GO:0005488 (binding); GO:0005524 (ATP binding); GO:0006464 (protein modification process); GO:0008152 (metabolic process); GO:0008641 (small protein activating enzyme activity); GO:0016020 (membrane); GO:0020011 (apicoplast)	0.1	3.6853546
PFD0305c	vacuolar ATP synthase subunit b	PF00036 (efhand)	GO:0007035 (vacuolar acidification); GO:0015986 (ATP synthesis coupled proton transport); GO:0015992 (proton transport); GO:0016469 (proton-transporting two-sector ATPase complex); GO:0046034 (ATP metabolic process)	0.7	2.9247613

PF14_0589	valine-tRNA ligase, putative	PF00268 (Ribonuc_red_sm)	GO:0000166 (nucleotide binding); GO:0004812 (aminoacyl-tRNA ligase activity); GO:0004832 (valine-tRNA ligase activity); GO:0005524 (ATP binding); GO:0005575 (cellular_component); GO:0005737 (cytoplasm); GO:0006412 (translation); GO:0006418 (tRNA aminoacylation for protein translation); GO:0006438 (valyl-tRNA aminoacylation)	0.7	2.2389047
PF07_0065	zinc transporter, putative		GO:0005385 (zinc ion transmembrane transporter activity); GO:0005887 (integral to plasma membrane); GO:0006812 (cation transport); GO:0006829 (zinc ion transport); GO:0008324 (cation transmembrane transporter activity); GO:0016020 (membrane)	0.4	4.2067632