

SUPPLEMENTARY INFORMATION

(16 pages total)

for

Schut, G. J., Brehm, S. D., Datta, S. and Adams, M. W. W. (2003) “Whole Genome DNA microarray Analysis of a Hyperthermophile and an Archaeon: *Pyrococcus furiosus* Grown on Carbohydrates or Peptides” (in press)

The following information is available at <<http://adams.bmb.uga.edu/pubs/sup238.pdf>> and this web site is cited in the article.

Table S1. The 2065 ORFs used for the DNA microarray experiments and the change in signal intensities.

For each ORF, the \log_2 value is the ratio of the average intensities in peptide- versus maltose-grown cells (P/M). A p-value < 0.05 indicates a statistical difference between the intensity values under the two growth conditions. Blank fields for the \log_2 value indicate that no significant signal (< 2000 arbitrary units) was observed for that particular ORF.

ORF	log ₂ ratio (P/M)	p-value
PF0001		263.48
PF0002	-0.61	58.89
PF0003	-0.02	263.48
PF0004		263.48
PF0005		58.89
PF0006	-0.53	101.87
PF0007	-0.29	207.83
PF0008	-0.51	38.02
PF0009	-0.13	263.48
PF0010		263.48
PF0011	-0.48	58.89
PF0012	-0.81	0.03
PF0013	-0.14	263.48
PF0014	-0.25	190.21
PF0015	-0.12	263.48
PF0016	-0.33	150.45
PF0017	-0.25	238.25
PF0018	-0.11	263.48
PF0019	-0.28	38.02
PF0020	-0.26	207.83
PF0021	-0.30	168.84
PF0022	-0.11	263.48
PF0023	-0.15	263.48
PF0024	-0.68	150.45
PF0025		72.41
PF0026	-0.68	38.02
PF0027	-0.72	38.02
PF0028	-0.42	110.46
PF0029	-0.57	150.45
PF0030	-0.33	196.76
PF0031	-0.21	263.48
PF0032		220.58
PF0033		101.87
PF0034		150.45
PF0035	-1.01	0.70
PF0036	0.17	263.48
PF0037	-1.17	38.02
PF0038	-0.67	38.02
PF0039	-1.19	0.00
PF0040	-1.07	38.02
PF0041	-0.18	263.48
PF0042	0.30	238.25
PF0043	0.18	220.58
PF0044	0.47	72.41
PF0045		81.67

ORF	log ₂ ratio (P/M)	p-value
PF0690	-1.70	0.01
PF0691	-2.01	0.00
PF0692	-2.95	0.00
PF0693	-1.90	0.00
PF0694	-0.99	0.00
PF0695	-1.67	0.00
PF0696	-2.58	0.04
PF0697	-1.97	0.00
PF0698	-0.91	38.02
PF0699		38.02
PF0700		263.48
PF0701		220.58
PF0702	-1.39	38.02
PF0703	-0.31	190.21
PF0704	-0.63	58.89
PF0705	-0.40	101.87
PF0706	-1.97	0.04
PF0707	-0.50	101.87
PF0708	-0.19	263.48
PF0709	0.14	263.48
PF0710	0.14	263.48
PF0711		263.48
PF0712		263.48
PF0713		110.46
PF0714	0.39	207.83
PF0715		58.89
PF0716	-0.08	263.48
PF0717	-0.66	101.87
PF0718	0.49	150.45
PF0719	0.13	263.48
PF0720	-0.15	263.48
PF0721	-0.37	38.02
PF0722	0.84	2.76
PF0723	-0.71	38.02
PF0724	-0.16	263.48
PF0725		58.89
PF0726	-1.19	0.70
PF0727		0.00
PF0728	-0.72	101.87
PF0729	-0.54	38.02
PF0730	-0.50	72.41
PF0731		150.45
PF0732		58.89
PF0733	-0.50	58.89
PF0734	-0.04	263.48

ORF	log ₂ ratio (P/M)	p-value
PF1378	-0.48	176.73
PF1379	-0.09	263.48
PF1380	0.18	263.48
PF1381	-0.26	263.48
PF1382	-0.39	150.45
PF1383	-0.56	81.67
PF1384	-0.89	58.89
PF1385	-0.35	150.45
PF1386	-0.10	263.48
PF1387	-0.82	2.76
PF1388	0.06	263.48
PF1389	-0.20	263.48
PF1390	-0.21	263.48
PF1391		38.02
PF1392	-0.49	72.41
PF1393	1.57	0.00
PF1394	-0.27	177.27
PF1395	-1.21	0.01
PF1396	-0.89	0.01
PF1397	-0.15	263.48
PF1398	0.46	101.87
PF1399	-0.09	263.48
PF1400	-0.06	263.48
PF1401	-0.60	58.89
PF1402	-0.54	150.45
PF1403		263.48
PF1404	-0.65	1.49
PF1405	-0.67	38.02
PF1406	0.02	263.48
PF1407		263.48
PF1408	1.06	0.00
PF1409	0.00	263.48
PF1410	-0.12	263.48
PF1411	-0.11	263.48
PF1412	-0.50	110.46
PF1413		58.89
PF1414	-0.76	38.02
PF1415		263.48
PF1416		38.02
PF1417		263.48
PF1418	-1.60	0.00
PF1419	0.13	263.48
PF1420		263.48
PF1421	-2.03	0.00
PF1422	-0.56	0.00

PF0046	-0.04	263.48
PF0047	-0.39	81.67
PF0048	-0.04	263.48
PF0049	-0.30	263.48
PF0050		207.83
PF0051	-0.42	58.89
PF0052		150.45
PF0053	-0.42	162.61
PF0054	-1.09	38.02
PF0055	0.01	263.48
PF0056	-1.43	0.01
PF0057	-0.41	58.89
PF0058	0.10	263.48
PF0059	0.19	238.25
PF0060	0.01	263.48
PF0061		38.02
PF0062	-0.57	38.02
PF0063	0.02	263.48
PF0064	0.56	190.21
PF0065	-0.17	263.48
PF0066		58.89
PF0067	-0.49	110.46
PF0068		58.89
PF0069	-0.13	263.48
PF0070	-0.70	38.02
PF0071	-0.56	58.89
PF0072	-0.63	38.02
PF0073	0.90	38.02
PF0074	0.47	150.45
PF0075	-0.10	263.48
PF0076	-0.10	263.48
PF0077		263.48
PF0078	-0.65	263.48
PF0079	-0.80	0.70
PF0080	0.51	176.73
PF0081	-0.03	263.48
PF0082	0.13	263.48
PF0083	-0.76	0.01
PF0084	-0.46	162.61
PF0085	-0.17	263.48
PF0086	-0.79	2.76
PF0088	0.31	207.83
PF0089	-0.47	81.67
PF0090	-0.23	263.48
PF0091	-0.14	263.48
PF0092	-0.69	58.89
PF0093	-0.57	2.76
PF0094	-0.45	150.45

PF0735		38.02
PF0736	-1.38	2.76
PF0737		263.48
PF0738		263.48
PF0739	0.30	263.48
PF0740	-0.40	150.45
PF0741		2.76
PF0742		263.48
PF0743		263.48
PF0744		38.02
PF0745	-0.17	263.48
PF0746	-0.24	263.48
PF0747	-0.42	150.45
PF0748		150.45
PF0749		263.48
PF0750	-0.60	38.02
PF0751	-0.20	233.61
PF0752	-1.25	0.70
PF0753	-0.88	38.02
PF0754	-0.43	58.89
PF0755	-0.81	38.02
PF0757		263.48
PF0758		38.02
PF0759		101.87
PF0760	0.21	263.48
PF0761		38.02
PF0762		38.02
PF0763		263.48
PF0764	-0.73	38.02
PF0765	-0.14	263.48
PF0766	0.06	263.48
PF0767	0.14	263.48
PF0768	0.49	38.02
PF0769	-1.20	0.04
PF0770	-0.72	38.02
PF0771	-0.27	150.45
PF0772	-1.67	0.13
PF0773		263.48
PF0774		58.89
PF0775		101.87
PF0776		58.89
PF0777		263.48
PF0778		263.48
PF0779	0.27	263.48
PF0781		38.02
PF0782	-0.80	38.02
PF0783	0.09	263.48
PF0784		263.48

PF1423	-1.09	38.02
PF1424	-1.21	0.70
PF1425	-1.49	0.00
PF1426	-0.73	58.89
PF1427	-1.02	0.70
PF1428	-0.80	38.02
PF1429		58.89
PF1430	-1.29	0.06
PF1431	-0.85	38.02
PF1432	-0.74	38.02
PF1433	-1.14	1.49
PF1434	-1.44	0.00
PF1435	-0.44	150.45
PF1436	-0.17	263.48
PF1437	-0.31	150.45
PF1438	-0.71	38.02
PF1439	0.04	263.48
PF1440	-0.80	38.02
PF1441	-1.16	0.00
PF1442	-1.26	0.04
PF1443	-0.84	38.02
PF1444	-1.41	0.02
PF1445	-1.21	0.00
PF1446	-0.64	38.02
PF1447	-0.83	0.70
PF1448	-1.15	38.02
PF1449	-1.02	0.00
PF1450	-1.40	0.04
PF1451	-1.22	0.00
PF1452	-1.02	0.70
PF1453	-0.89	0.00
PF1454	-0.43	38.02
PF1455	-0.30	263.48
PF1456		0.70
PF1457	1.55	0.00
PF1458	-0.80	38.02
PF1459	-0.46	38.02
PF1460	-0.16	263.48
PF1461	-0.21	263.48
PF1462	0.53	38.02
PF1463	0.22	263.48
PF1464		190.21
PF1465		207.83
PF1466		38.02
PF1467		263.48
PF1468		207.83
PF1469	0.68	58.89
PF1470	-0.11	263.48

PF0095	0.08	263.48
PF0096	0.13	263.48
PF0097	-0.20	207.83
PF0098	0.15	263.48
PF0099	-0.19	263.48
PF0100		263.48
PF0101	4.39	0.00
PF0102	0.67	2.76
PF0103	0.72	2.76
PF0104		263.48
PF0105	0.60	38.02
PF0106	0.64	38.02
PF0107	-0.17	233.61
PF0108	-0.32	207.83
PF0109	-0.26	263.48
PF0110	-0.13	263.48
PF0111	-0.20	238.25
PF0112	-0.42	58.89
PF0113	-0.21	263.48
PF0114	-0.57	38.02
PF0115	0.30	150.45
PF0116	0.18	263.48
PF0117	-0.51	198.85
PF0118		263.48
PF0119	-0.31	58.89
PF0120	-0.66	1.49
PF0121	-2.17	0.00
PF0122	0.04	263.48
PF0123	-0.49	162.61
PF0124	0.40	101.87
PF0125	0.17	263.48
PF0126	0.19	198.84
PF0127	-0.32	150.45
PF0128	-0.07	263.48
PF0129	-0.22	263.48
PF0130	-0.45	101.87
PF0131	0.38	150.45
PF0132	0.71	38.02
PF0133	1.47	0.00
PF0134	0.08	263.48
PF0135	0.26	150.45
PF0136	0.52	150.45
PF0137	0.32	207.83
PF0138		220.58
PF0139	-0.25	263.48
PF0140	-0.92	0.02
PF0141	-0.35	150.45
PF0142	-2.13	0.00

PF0785	-0.06	263.48
PF0786	-0.40	58.89
PF0787		150.45
PF0788	-1.65	0.00
PF0789		1.49
PF0790	-0.19	263.48
PF0791	-0.24	263.48
PF0792	-0.13	263.48
PF0793		150.45
PF0794	-0.15	263.48
PF0795	-0.41	101.87
PF0796	-0.48	101.87
PF0797	0.31	150.45
PF0798	0.15	263.48
PF0799	0.19	263.48
PF0800	-0.48	58.89
PF0800	-0.31	198.85
PF0801	-0.90	0.02
PF0802	-0.41	150.45
PF0803	-0.04	263.48
PF0804	-0.35	207.83
PF0805		58.89
PF0806	0.09	263.48
PF0807	-0.52	58.89
PF0808	-0.41	58.89
PF0809		263.48
PF0810	-0.29	238.25
PF0811		2.76
PF0812	-0.90	38.02
PF0813	-1.04	38.02
PF0814	-0.68	38.02
PF0815		72.41
PF0816	-0.05	263.48
PF0818	-0.63	58.89
PF0819	-0.72	38.02
PF0820	-1.43	0.00
PF0821	-1.78	0.05
PF0822	-0.29	190.21
PF0823	-1.09	0.70
PF0824	-0.95	2.76
PF0825	-0.24	233.61
PF0826	-0.34	176.73
PF0827	-0.84	101.87
PF0828	-1.35	0.01
PF0829	-0.43	176.73
PF0830		38.02
PF0831	0.21	263.48
PF0832		263.48

PF1471	0.13	263.48
PF1472	-0.73	0.19
PF1473	-0.98	0.02
PF1474		0.00
PF1475	-0.11	263.48
PF1476	-0.34	101.87
PF1477	-1.78	0.00
PF1478		233.61
PF1479	0.46	101.87
PF1480	0.05	263.48
PF1481	-1.66	0.00
PF1482		58.89
PF1483	-0.34	233.61
PF1484	-0.99	2.76
PF1485	-0.48	58.89
PF1486	-0.75	38.02
PF1487	-1.08	0.00
PF1488		58.89
PF1489	-0.28	207.83
PF1490	-0.29	207.83
PF1491	-0.87	38.02
PF1492	-0.71	38.02
PF1493	0.39	150.45
PF1494	1.12	0.70
PF1495	-0.23	207.83
PF1496	-1.16	2.76
PF1497	-1.35	0.01
PF1498	-0.56	58.89
PF1499	0.02	263.48
PF1500	-0.29	150.45
PF1501	-0.17	263.48
PF1502	0.06	263.48
PF1503	-0.45	150.45
PF1504	-0.04	263.48
PF1505	0.23	233.61
PF1506	0.09	263.48
PF1507	-0.29	198.85
PF1508	-1.04	0.70
PF1509	-0.01	263.48
PF1510	0.01	263.48
PF1511		263.48
PF1512		101.87
PF1513		198.85
PF1514		81.67
PF1515	-0.81	38.02
PF1516	-1.35	0.00
PF1517		190.21
PF1518	-0.34	58.89

PF0143	-1.23	0.70	PF0833		263.48	PF1519	-0.26	166.24
PF0144	-1.68	0.00	PF0834	-0.54	38.02	PF1520	0.03	263.48
PF0145	-1.86	0.00	PF0835	-0.46	38.02	PF1521	-0.73	1.49
PF0146	-0.59	38.02	PF0836	-0.51	155.72	PF1522		58.89
PF0147	-0.03	263.48	PF0837		263.48	PF1523		38.02
PF0148	0.41	110.46	PF0838		150.45	PF1524		58.89
PF0149		150.45	PF0839		263.48	PF1525	0.11	263.48
PF0150	0.10	263.48	PF0840		0.15	PF1526		166.24
PF0151	-0.29	150.45	PF0841		38.02	PF1527		190.21
PF0152	-0.01	263.48	PF0842		176.73	PF1528	0.57	38.02
PF0153	-0.65	38.02	PF0843	-0.59	38.02	PF1529	0.58	38.02
PF0154	-0.83	101.87	PF0844		58.89	PF1530		0.13
PF0155	0.78	38.02	PF0845	-2.32	0.00	PF1531	-0.05	263.48
PF0156	-0.27	233.61	PF0846	-2.31	0.00	PF1532	-0.72	58.89
PF0157	0.07	263.48	PF0847	-0.25	207.83	PF1533	0.54	38.02
PF0158	0.14	263.48	PF0848		263.48	PF1534	-0.16	263.48
PF0159	-0.01	263.48	PF0849	-0.66	81.67	PF1535	1.35	0.00
PF0160	0.48	58.89	PF0850	-0.53	101.87	PF1536	2.13	0.00
PF0161	-0.35	238.25	PF0851	-0.23	233.61	PF1537	1.89	0.00
PF0162		263.48	PF0852	-0.20	233.61	PF1538	3.20	0.00
PF0163	-0.31	162.61	PF0853	0.06	263.48	PF1539	-1.26	0.00
PF0164	-0.21	263.48	PF0854	0.53	58.89	PF1540	-0.29	58.89
PF0165	-0.03	263.48	PF0855	-0.03	263.48	PF1541	-0.49	81.67
PF0166	-0.72	38.02	PF0856	-1.24	0.04	PF1542	-0.88	0.13
PF0167	0.12	263.48	PF0857	-0.13	263.48	PF1543	0.23	263.48
PF0168	-0.67	58.89	PF0858	-0.27	198.85	PF1544	0.02	263.48
PF0169	-0.75	38.02	PF0859	-0.53	81.67	PF1545	-0.72	58.89
PF0170	-0.07	263.48	PF0860	-0.02	263.48	PF1546		2.76
PF0171		58.89	PF0861	0.08	263.48	PF1547	-1.36	0.01
PF0172	0.90	0.70	PF0862	0.06	263.48	PF1548	-0.57	150.45
PF0173	-0.20	263.48	PF0863	0.12	263.48	PF1549	1.18	38.02
PF0174	-0.09	263.48	PF0864	0.27	238.25	PF1550	-0.24	233.61
PF0175	-0.51	72.41	PF0865	-0.40	150.45	PF1551	-0.46	101.87
PF0176	-1.07	38.02	PF0866	-0.05	263.48	PF1552	-0.24	263.48
PF0177	-0.52	38.02	PF0867		58.89	PF1553	-0.16	216.91
PF0178	-0.50	38.02	PF0868	-0.77	0.00	PF1554		233.61
PF0179	-0.89	58.89	PF0869	-0.12	263.48	PF1555	-0.45	101.87
PF0180	-0.78	58.89	PF0870	0.11	263.48	PF1556	-0.35	166.24
PF0181		263.48	PF0871	0.25	238.25	PF1557	0.04	263.48
PF0182	-0.72	0.15	PF0872	0.30	110.46	PF1558	-0.03	263.48
PF0183	-0.64	0.70	PF0873	0.56	101.87	PF1559	-0.14	190.21
PF0184	-1.02	0.70	PF0874	0.03	263.48	PF1560	-0.45	101.87
PF0185	-0.80	2.76	PF0875	-0.59	58.89	PF1561	-0.29	150.45
PF0186	-0.07	263.48	PF0876	-0.68	38.02	PF1562	-0.35	207.83
PF0187	-0.39	216.91	PF0877		263.48	PF1563	-0.49	72.41
PF0188		263.48	PF0878		220.58	PF1564	-0.51	0.70
PF0189	0.14	263.48	PF0879		101.87	PF1565	-0.43	150.45
PF0190	1.68	0.01	PF0880	-0.71	38.02	PF1566	-1.09	38.02

PF0191	-0.30	176.73
PF0192	-0.51	0.04
PF0193	2.06	0.70
PF0194	-0.44	38.02
PF0195	-0.28	263.48
PF0196	2.26	0.00
PF0197	1.67	0.02
PF0198		38.02
PF0199	0.69	101.87
PF0200	0.05	263.48
PF0201	2.40	0.00
PF0202	2.35	0.00
PF0203	4.12	0.00
PF0204	4.25	0.00
PF0205	3.78	0.00
PF0206	3.21	0.00
PF0207	2.76	0.00
PF0208	2.39	0.01
PF0209	1.59	0.01
PF0210	0.79	0.70
PF0211	-0.34	233.61
PF0212	-0.34	150.45
PF0213	-0.12	263.48
PF0214		110.46
PF0215	1.32	0.00
PF0216	-0.76	150.45
PF0217	-0.53	58.89
PF0218	-0.51	58.89
PF0219	-0.16	263.48
PF0220	-0.47	58.89
PF0221	-0.25	238.25
PF0222	-0.50	150.45
PF0223	-0.11	263.48
PF0224	-1.00	2.76
PF0225		263.48
PF0226		58.89
PF0227		176.73
PF0228		81.67
PF0229	0.55	58.89
PF0230	0.26	176.73
PF0231	0.23	207.83
PF0232	0.22	150.45
PF0233	-1.60	0.00
PF0234	-0.15	263.48
PF0235	0.00	263.48
PF0236	0.28	263.48
PF0237	-0.08	263.48
PF0238	0.09	263.48

PF0881	3.15	0.00
PF0882	3.56	0.00
PF0883	2.23	0.00
PF0884	3.56	0.00
PF0885		263.48
PF0886	1.16	0.15
PF0887	0.83	0.04
PF0888	-0.30	263.48
PF0889	0.27	263.48
PF0890	-0.66	38.02
PF0891	-4.06	0.00
PF0892	-3.69	0.00
PF0893	-3.40	0.00
PF0894	-2.96	0.00
PF0895	-0.39	168.84
PF0896		263.48
PF0897	0.46	198.85
PF0899	-0.62	58.89
PF0900	-0.98	38.02
PF0901	0.49	101.87
PF0902	-1.04	0.00
PF0903	-0.72	150.45
PF0904	-0.54	58.89
PF0905	0.43	168.84
PF0906	0.31	207.83
PF0907		38.02
PF0908	-0.65	0.13
PF0909	-0.98	38.02
PF0910		220.58
PF0911	-2.20	0.06
PF0912		58.89
PF0913	-2.99	0.00
PF0914	-1.29	0.70
PF0915	-2.72	0.04
PF0916	-0.71	38.02
PF0917	-0.76	38.02
PF0918	-0.02	263.48
PF0919		0.00
PF0920	-1.89	0.00
PF0921	-0.68	2.76
PF0922		263.48
PF0923		2.76
PF0924		2.76
PF0925	-1.43	2.76
PF0926		58.89
PF0927		263.48
PF0928		38.02
PF0929	-0.68	0.70

PF1567	-0.49	58.89
PF1568	-0.58	38.02
PF1569	-0.09	263.48
PF1570	-0.18	263.48
PF1571	-0.41	150.45
PF1572	0.41	150.45
PF1573	-1.34	0.00
PF1574	-1.23	0.70
PF1575		0.70
PF1576		263.48
PF1577	-0.14	263.48
PF1578	-0.24	198.85
PF1579	-0.25	150.45
PF1580		198.84
PF1581	-0.58	38.02
PF1582		263.48
PF1583		263.48
PF1584	-0.43	150.45
PF1585		150.45
PF1586	0.01	263.48
PF1587	-0.43	150.45
PF1588	-0.16	263.48
PF1589	-0.85	38.02
PF1590	-0.44	81.67
PF1591	-0.15	263.48
PF1592	3.62	0.00
PF1593	-0.06	263.48
PF1594	-0.04	263.48
PF1595	-0.60	58.89
PF1596	0.02	263.48
PF1597	0.48	72.41
PF1598	-0.76	101.87
PF1599	-0.27	207.83
PF1600	-0.27	207.83
PF1601	0.32	150.45
PF1602	-2.15	0.00
PF1603	-0.01	263.48
PF1604	-0.17	263.48
PF1605	0.26	263.48
PF1606		263.48
PF1607	-0.41	155.72
PF1608		263.48
PF1609		150.45
PF1610		263.48
PF1611	0.27	263.48
PF1612		263.48
PF1613		207.83
PF1614	-0.03	263.48

PF0239	-0.12	263.48
PF0240	0.00	263.48
PF0241	0.12	263.48
PF0242		263.48
PF0243		263.48
PF0244	0.80	58.89
PF0245		0.13
PF0246		263.48
PF0247	0.14	263.48
PF0248	0.34	263.48
PF0249	0.23	263.48
PF0250	1.80	0.00
PF0251	-0.15	263.48
PF0252	-0.76	38.02
PF0253		101.87
PF0254	-0.66	38.02
PF0255	-0.20	263.48
PF0256	-0.28	168.84
PF0257	-0.47	58.89
PF0258		207.83
PF0259	-0.04	263.48
PF0260	0.40	101.87
PF0261	0.51	150.45
PF0262	0.39	176.73
PF0263	0.76	58.89
PF0264	0.45	58.89
PF0265	-0.56	0.04
PF0266	-0.16	263.48
PF0267	-0.13	263.48
PF0268	0.13	263.48
PF0269		101.87
PF0270	-0.43	150.45
PF0271	0.33	150.45
PF0272	4.70	0.00
PF0273	-0.58	198.85
PF0275	0.01	263.48
PF0276	-0.14	263.48
PF0277	0.15	263.48
PF0278	0.04	263.48
PF0279	-0.17	263.48
PF0280		0.05
PF0281	-0.25	263.48
PF0282	-0.08	263.48
PF0283	-0.36	150.45
PF0284	-0.55	207.83
PF0285	-0.68	0.70
PF0286	-0.29	150.45
PF0287	0.30	81.67

PF0930	0.04	263.48
PF0931	-0.32	207.83
PF0932		58.89
PF0933	-0.73	38.02
PF0934	3.45	0.00
PF0935	4.10	0.00
PF0936	5.03	0.00
PF0937	2.68	0.00
PF0938	2.59	0.00
PF0939	2.27	0.00
PF0940	2.63	0.00
PF0941	2.25	0.00
PF0942	2.54	0.00
PF0943		81.67
PF0944		38.02
PF0945	-0.58	58.89
PF0946	-0.19	238.25
PF0947	-0.41	150.45
PF0948	1.23	0.70
PF0949	0.74	38.02
PF0950	-0.37	150.45
PF0951		2.76
PF0952		101.87
PF0953	-0.90	2.76
PF0954		263.48
PF0955	0.55	110.46
PF0956		58.89
PF0957		263.48
PF0958		150.45
PF0959	-0.34	233.61
PF0960	-0.78	38.02
PF0961		0.70
PF0962	2.42	0.00
PF0963		190.21
PF0964	-0.62	38.02
PF0965	-0.54	0.00
PF0966	-0.67	0.00
PF0967	-0.66	0.70
PF0968	-0.64	0.01
PF0969	-0.47	0.19
PF0970	-0.13	263.48
PF0971	0.15	198.85
PF0972	-2.38	0.00
PF0973	-2.28	0.00
PF0974	-2.19	0.00
PF0975	-1.58	2.76
PF0976		263.48
PF0977	-0.51	110.46

PF1615	0.18	263.48
PF1616	0.10	263.48
PF1617	0.67	58.89
PF1618	-0.42	101.87
PF1619		263.48
PF1620		38.02
PF1621		72.41
PF1622	-0.24	263.48
PF1623	-0.24	263.48
PF1624		81.67
PF1625	-0.71	58.89
PF1626	0.21	220.58
PF1627	0.71	0.02
PF1628	-1.22	0.02
PF1629		38.02
PF1630	-0.40	101.87
PF1631	-0.78	38.02
PF1632	-0.49	38.02
PF1633	0.60	58.89
PF1634	0.59	72.41
PF1635	-0.01	263.48
PF1636	-0.39	58.89
PF1637	-0.17	263.48
PF1638	-0.33	198.85
PF1639	0.04	263.48
PF1640	-0.76	0.00
PF1641	0.72	101.87
PF1642	-0.31	150.45
PF1643	0.51	58.89
PF1644	-0.49	150.45
PF1645	-0.21	238.25
PF1646	-0.44	101.87
PF1647	-0.38	177.27
PF1648	-0.39	110.46
PF1649	-0.23	168.84
PF1650	-0.30	150.45
PF1651	-0.37	101.87
PF1652	0.13	233.61
PF1653	0.10	263.48
PF1654	-2.05	0.00
PF1655	-1.84	0.00
PF1656	-0.71	38.02
PF1657	3.42	0.00
PF1658	3.52	0.00
PF1659	2.79	0.00
PF1660		1.49
PF1661	1.98	0.00
PF1662	2.40	0.00

PF0288	-1.32	0.70
PF0289	-2.93	0.00
PF0290	0.36	58.89
PF0291	1.04	0.04
PF0292	-0.12	263.48
PF0293	-0.01	263.48
PF0294	0.14	263.48
PF0295	0.01	263.48
PF0296	1.63	0.70
PF0297	0.75	38.02
PF0298	-0.12	263.48
PF0299	0.09	263.48
PF0300	-0.63	58.89
PF0301	-0.15	263.48
PF0302	-0.21	263.48
PF0303	-0.19	220.58
PF0304	0.23	263.48
PF0305	-0.53	81.67
PF0306	-0.71	38.02
PF0307	0.00	263.48
PF0308	-0.81	38.02
PF0309	0.49	58.89
PF0310	0.80	38.02
PF0311		216.91
PF0312	1.09	0.00
PF0313		238.25
PF0314	-0.05	263.48
PF0315	-0.05	263.48
PF0316	0.04	263.48
PF0317	-0.04	263.48
PF0318	-1.16	0.00
PF0319		177.27
PF0320		101.87
PF0321	-0.78	0.70
PF0322	-0.65	58.89
PF0323		101.87
PF0324		0.19
PF0325		150.45
PF0326		150.45
PF0327		263.48
PF0328		263.48
PF0329	-0.04	263.48
PF0330	0.34	190.21
PF0331	-0.34	150.45
PF0332	-1.29	38.02
PF0333	-0.45	81.67
PF0334	-0.35	190.21
PF0335	-0.65	101.87

PF0978	0.02	263.48
PF0979	-0.42	150.45
PF0980	-0.40	38.02
PF0981	-0.76	38.02
PF0982	-0.83	0.04
PF0983	-0.37	101.87
PF0984		58.89
PF0985	-0.33	150.45
PF0986		150.45
PF0987	-1.06	0.70
PF0988	-1.55	0.01
PF0989	-0.30	220.58
PF0990	-0.19	263.48
PF0991		155.72
PF0992	0.23	263.48
PF0993	-0.23	263.48
PF0994	0.12	263.48
PF0995	-0.17	263.48
PF0996	-0.41	58.89
PF0997		101.87
PF0998	-0.07	263.48
PF0999		263.48
PF1000		263.48
PF1001		233.61
PF1002	-0.80	58.89
PF1003	-0.85	2.76
PF1004	-0.92	0.01
PF1005		38.02
PF1006		263.48
PF1007		263.48
PF1008		2.76
PF1009		38.02
PF1010		38.02
PF1011	0.65	38.02
PF1012	0.68	81.67
PF1013		162.61
PF1014		110.46
PF1015	0.09	263.48
PF1016	-0.79	38.02
PF1017	-0.49	198.84
PF1018	-0.38	233.61
PF1019		263.48
PF1020	0.11	263.48
PF1021	-0.55	38.02
PF1022	-0.26	176.73
PF1023	-0.27	168.84
PF1024	0.28	162.61
PF1025	2.47	0.00

PF1663	2.78	0.00
PF1664		263.48
PF1665	2.05	0.02
PF1666	1.30	0.01
PF1667		58.89
PF1668		263.48
PF1669	-0.11	263.48
PF1670	2.97	0.00
PF1671		263.48
PF1672	-0.89	38.02
PF1673	-1.06	0.70
PF1674	-1.48	0.00
PF1675	-0.34	150.45
PF1676	-0.11	263.48
PF1677		220.58
PF1678	5.44	0.00
PF1679	5.03	0.00
PF1680	3.00	0.00
PF1681		58.89
PF1682	3.50	0.00
PF1683	3.76	0.00
PF1684	3.08	0.00
PF1685	2.39	0.00
PF1686	2.93	2.76
PF1687	2.12	0.00
PF1688	3.35	0.00
PF1689	2.12	0.00
PF1690	3.06	0.00
PF1691		263.48
PF1692	2.65	0.00
PF1693	4.06	0.00
PF1694	2.67	0.00
PF1695	1.10	0.70
PF1696	-0.23	263.48
PF1697	-0.45	58.89
PF1698	0.05	263.48
PF1699	2.30	0.00
PF1700	2.01	0.00
PF1701	2.93	0.70
PF1702	4.13	0.00
PF1703	3.93	0.00
PF1704		38.02
PF1705		263.48
PF1706	2.07	0.00
PF1707		166.24
PF1708	2.12	0.00
PF1709	2.72	0.01
PF1710	2.93	0.00

PF0336		263.48
PF0337	0.10	263.48
PF0338		263.48
PF0339	1.29	0.01
PF0340	0.68	58.89
PF0341	0.47	101.87
PF0342	0.53	38.02
PF0343	-0.20	238.25
PF0344	-0.82	2.76
PF0345	0.16	263.48
PF0346	-0.02	263.48
PF0347	-0.12	263.48
PF0349	-0.18	263.48
PF0350	0.11	263.48
PF0351	0.49	58.89
PF0352	0.13	263.48
PF0353	-0.24	155.72
PF0354		263.48
PF0355	-0.06	263.48
PF0356	-0.14	263.48
PF0357	0.06	263.48
PF0358	-0.23	263.48
PF0359		38.02
PF0360	-0.26	263.48
PF0361	-0.70	58.89
PF0362	-0.15	263.48
PF0363	-0.67	58.89
PF0364	-0.50	150.45
PF0365		38.02
PF0366	-1.86	0.00
PF0367	-1.19	0.01
PF0368	-1.78	0.00
PF0369	-1.82	0.03
PF0370	-2.61	0.00
PF0371	3.12	0.00
PF0372	0.45	38.02
PF0373	-0.67	110.46
PF0374	-0.23	220.58
PF0375	-0.74	0.13
PF0376	-0.40	150.45
PF0377	-0.74	0.70
PF0378	-0.79	38.02
PF0379	-0.60	72.41
PF0380	-1.33	0.00
PF0381	-0.31	220.58
PF0382	-0.23	263.48
PF0383		0.70
PF0384	-0.66	101.87

PF1026		263.48
PF1027		263.48
PF1028	-0.85	38.02
PF1029		110.46
PF1030	0.30	207.83
PF1031	-0.08	263.48
PF1032	-1.05	0.04
PF1033	-0.66	38.02
PF1034	-0.46	150.45
PF1035	-0.51	58.89
PF1036	-0.97	0.19
PF1037		38.02
PF1038	-0.22	162.61
PF1039		1.49
PF1040		150.45
PF1041	-0.70	38.02
PF1042		162.61
PF1043	0.98	38.02
PF1044	-0.76	58.89
PF1045	-1.04	38.02
PF1046	-0.86	38.02
PF1047	-0.20	263.48
PF1048	-0.36	220.58
PF1049	-0.45	162.61
PF1050		38.02
PF1051	-0.37	177.27
PF1052	4.71	0.00
PF1053	4.47	0.00
PF1054	5.00	0.00
PF1055	4.76	0.00
PF1056	4.03	0.00
PF1057	-2.87	0.00
PF1058	-0.84	38.02
PF1059	0.01	263.48
PF1060	-1.67	0.70
PF1061	-0.97	58.89
PF1062	-0.27	207.83
PF1063	-0.39	101.87
PF1064	-0.68	101.87
PF1065	-0.29	207.83
PF1066	0.01	263.48
PF1067		208.67
PF1068		263.48
PF1069	-0.51	58.89
PF1070	-0.46	150.45
PF1071	-2.22	0.00
PF1072	-1.70	0.00
PF1073	-0.93	38.02

PF1711	4.08	0.00
PF1712		110.46
PF1713	3.00	0.00
PF1714	1.24	0.15
PF1715	1.55	0.00
PF1716	-0.17	263.48
PF1717	-0.17	263.48
PF1718	0.31	58.89
PF1719	0.12	263.48
PF1720	0.06	263.48
PF1721		263.48
PF1722	0.56	110.46
PF1723	-0.42	58.89
PF1724		238.25
PF1725	0.33	150.45
PF1726		263.48
PF1727	0.10	263.48
PF1728	0.45	58.89
PF1729	-0.60	263.48
PF1730	0.01	263.48
PF1731	0.13	263.48
PF1732		150.45
PF1733		263.48
PF1734	0.12	263.48
PF1735	-0.26	150.45
PF1736	-0.22	207.83
PF1737	-0.08	263.48
PF1738		263.48
PF1739	2.58	0.00
PF1740	3.56	0.00
PF1741	3.39	0.00
PF1742	3.42	0.00
PF1743	0.69	38.02
PF1744	1.02	0.00
PF1745	-0.19	263.48
PF1746	-0.04	263.48
PF1747	0.43	150.45
PF1748	0.40	198.84
PF1749	0.35	207.83
PF1750	0.19	263.48
PF1751	-0.73	38.02
PF1752	-0.09	263.48
PF1753	-0.67	2.76
PF1754	-0.07	263.48
PF1755	-0.11	263.48
PF1756		263.48
PF1757	-0.05	263.48
PF1758	-0.64	38.02

PF0385	-0.58	58.89
PF0386	-0.73	1.49
PF0387	-0.54	58.89
PF0388	-0.16	263.48
PF0389		263.48
PF0390	0.34	101.87
PF0391	0.30	150.45
PF0392	0.31	207.83
PF0393		220.58
PF0394	-0.18	263.48
PF0395	-0.24	233.61
PF0396		233.61
PF0397	-0.54	58.89
PF0398	-1.17	38.02
PF0399	-0.14	263.48
PF0400		263.48
PF0401		38.02
PF0402	-0.58	2.76
PF0403	-0.35	166.24
PF0404	-0.54	101.87
PF0405	-0.75	0.00
PF0406		38.02
PF0407	-0.27	216.91
PF0408	0.11	263.48
PF0409	-0.42	101.87
PF0410	0.06	263.48
PF0411	0.03	263.48
PF0412	-0.03	263.48
PF0413	0.34	263.48
PF0414	-0.43	58.89
PF0415	0.16	263.48
PF0416		198.84
PF0417	-0.60	58.89
PF0418	-0.27	81.67
PF0419	-0.14	263.48
PF0420	-0.07	263.48
PF0421	-0.21	263.48
PF0422	-0.69	101.87
PF0423	-0.46	72.41
PF0424	-1.62	38.02
PF0425		58.89
PF0426	-0.80	58.89
PF0427		0.70
PF0428	2.72	0.00
PF0429	2.91	0.00
PF0430	-1.01	38.02
PF0431		101.87
PF0432	0.47	101.87

PF1074	-1.21	2.76
PF1075		207.83
PF1076	-1.24	0.00
PF1077	-1.31	0.00
PF1078		38.02
PF1079		0.00
PF1080	-0.67	38.02
PF1081		38.02
PF1082		233.61
PF1083	-0.91	0.04
PF1084		38.02
PF1085	-0.87	38.02
PF1086	-0.59	58.89
PF1087	-0.81	38.02
PF1088		58.89
PF1089		150.45
PF1090	0.70	38.02
PF1091		238.25
PF1092	0.05	263.48
PF1093		2.76
PF1094		58.89
PF1095		110.46
PF1096	-0.31	72.41
PF1097	-0.68	72.41
PF1098	-0.79	58.89
PF1099		150.45
PF1100	2.14	0.00
PF1101	-1.06	0.05
PF1102	0.01	263.48
PF1103	0.51	101.87
PF1104	2.99	0.00
PF1105	0.03	263.48
PF1106	0.02	263.48
PF1107	-0.39	101.87
PF1108	-0.65	58.89
PF1109	3.36	0.00
PF1110	2.16	0.00
PF1111	-1.69	0.00
PF1112	0.33	207.83
PF1113	-0.51	38.02
PF1114	-0.67	0.04
PF1115	-0.76	38.02
PF1116	-0.14	263.48
PF1117		263.48
PF1118	0.80	58.89
PF1119	0.67	2.76
PF1120	1.15	0.15
PF1121	1.50	0.02

PF1759	0.01	263.48
PF1760	0.15	238.25
PF1761	0.28	196.76
PF1762	-0.24	263.48
PF1763	-0.36	110.46
PF1764	-0.64	38.02
PF1765	-0.53	150.45
PF1766	-0.51	150.45
PF1767	-2.95	0.00
PF1768	-3.23	0.00
PF1769	-2.52	0.00
PF1770	-3.04	0.00
PF1771	-2.72	0.00
PF1772	-2.43	0.00
PF1773	-2.54	0.00
PF1774	0.34	220.58
PF1775	0.06	263.48
PF1776	0.12	263.48
PF1777		263.48
PF1778	-0.77	0.01
PF1779	-0.01	263.48
PF1780	0.84	38.02
PF1781	-0.14	263.48
PF1782	0.69	38.02
PF1783	0.01	263.48
PF1784	2.54	0.00
PF1785	-0.25	150.45
PF1786	0.10	263.48
PF1787	-0.60	38.02
PF1788	-0.30	233.61
PF1789		58.89
PF1790	-0.46	58.89
PF1791	-0.19	263.48
PF1792	-0.65	0.70
PF1793		58.89
PF1794	-0.19	216.91
PF1795	-1.63	0.00
PF1796		263.48
PF1797		0.70
PF1798	-0.12	263.48
PF1799	0.41	150.45
PF1800	-0.33	58.89
PF1801	-0.41	38.02
PF1802	-0.16	263.48
PF1803	0.02	263.48
PF1804	-0.01	263.48
PF1805	0.18	263.48
PF1806	-0.05	263.48

PF0433		263.48
PF0434		263.48
PF0435	-0.18	263.48
PF0436	-0.60	263.48
PF0437		110.46
PF0438		263.48
PF0439	-0.48	150.45
PF0440	-0.16	233.61
PF0441		198.84
PF0442	-0.57	58.89
PF0443	-0.70	38.02
PF0444	-1.12	0.70
PF0445	-0.99	0.70
PF0446		58.89
PF0448	-1.05	38.02
PF0449		263.48
PF0450	4.35	0.00
PF0451		110.46
PF0452	-0.17	263.48
PF0453	-0.20	263.48
PF0454	0.03	263.48
PF0455	-1.05	2.76
PF0456	-1.38	0.00
PF0457	-0.66	38.02
PF0458	-0.82	0.19
PF0459	-0.70	38.02
PF0460	0.44	150.45
PF0461	-0.79	2.76
PF0462	-0.57	110.46
PF0463	-0.02	263.48
PF0464	2.54	0.00
PF0465	-0.49	81.67
PF0466	-0.39	150.45
PF0467	-0.83	0.70
PF0468		198.84
PF0469	-0.58	58.89
PF0470	-0.30	238.25
PF0471	0.10	263.48
PF0472	0.21	263.48
PF0473	-0.27	198.85
PF0474	-0.53	58.89
PF0475	-0.61	58.89
PF0476	-0.89	0.70
PF0477	-2.45	0.00
PF0478	0.89	38.02
PF0479	1.57	0.01
PF0480	-0.39	58.89
PF0481	-0.44	168.84

PF1122	1.23	0.00
PF1123	1.42	0.70
PF1124	1.01	38.02
PF1125	1.13	0.70
PF1126	1.36	0.01
PF1127	1.43	0.00
PF1128	1.41	0.01
PF1129	2.18	0.00
PF1130	2.46	0.00
PF1131	1.78	0.00
PF1132	-0.54	58.89
PF1133	-1.50	0.00
PF1134	-0.12	263.48
PF1135	0.00	263.48
PF1136	0.08	263.48
PF1137	-0.27	216.91
PF1138	-1.49	0.00
PF1139	-0.85	2.76
PF1140	-0.60	58.89
PF1141	-0.52	150.45
PF1142	-0.29	101.87
PF1143	-0.58	58.89
PF1144	-0.56	162.61
PF1145	-0.95	0.00
PF1146	-0.68	38.02
PF1147	0.33	198.85
PF1148		263.48
PF1149	-0.60	58.89
PF1150	-0.22	263.48
PF1151	-0.43	58.89
PF1152		263.48
PF1153	-0.50	58.89
PF1154	-0.46	58.89
PF1155	-0.90	2.76
PF1156	-0.52	38.02
PF1157	-0.24	263.48
PF1158	-0.58	101.87
PF1159	-0.39	220.58
PF1160	-0.46	58.89
PF1161		263.48
PF1162		263.48
PF1163	-0.01	263.48
PF1164	-0.40	101.87
PF1165	-0.19	263.48
PF1166	-0.03	263.48
PF1167	0.28	207.83
PF1168	-0.05	263.48
PF1169		150.45

PF1807		150.45
PF1808	-0.34	190.21
PF1809	-0.14	263.48
PF1810		263.48
PF1811	-0.18	263.48
PF1812	-0.19	238.25
PF1813	-0.18	263.48
PF1814	-0.32	216.91
PF1815	-0.07	263.48
PF1816	-0.47	177.27
PF1817	-0.27	263.48
PF1818		110.46
PF1819	-0.18	263.48
PF1820	-0.37	38.02
PF1821	0.03	263.48
PF1822	-0.01	263.48
PF1823	0.21	263.48
PF1824	-0.25	263.48
PF1825	0.03	263.48
PF1826	-0.58	2.76
PF1827	0.74	38.02
PF1828	0.06	263.48
PF1829	0.70	2.76
PF1830	-0.65	38.02
PF1832	-0.48	150.45
PF1833		263.48
PF1834	-0.78	58.89
PF1835	-0.52	150.45
PF1836		0.00
PF1837	-0.24	207.83
PF1838	-0.81	38.02
PF1839	-0.54	2.76
PF1840		263.48
PF1841		58.89
PF1842	-0.36	81.67
PF1843	0.00	263.48
PF1844		58.89
PF1845		168.84
PF1846	0.04	263.48
PF1847	-0.20	263.48
PF1848	0.66	58.89
PF1849	0.29	263.48
PF1850	-0.93	38.02
PF1851	-0.53	38.02
PF1852	2.56	0.00
PF1853	-1.99	0.00
PF1854	-0.39	207.83
PF1855	-0.31	150.45

PF0482	-0.29	207.83
PF0483	-0.88	38.02
PF0484	-0.02	263.48
PF0485		263.48
PF0486	-0.19	263.48
PF0487	-0.59	58.89
PF0488	-0.83	0.70
PF0489	0.52	58.89
PF0490	-0.09	263.48
PF0491	-0.01	263.48
PF0492		263.48
PF0493	-0.97	0.70
PF0494	-0.46	38.02
PF0495	-0.31	72.41
PF0496	0.74	38.02
PF0497		150.45
PF0498		0.03
PF0499	-0.85	38.02
PF0500	-0.79	38.02
PF0501	-0.93	0.02
PF0502	-0.05	263.48
PF0503	-0.17	263.48
PF0504	-0.41	58.89
PF0505	-1.62	0.00
PF0506		263.48
PF0507		58.89
PF0508	-0.22	263.48
PF0509	-0.10	263.48
PF0510		38.02
PF0511	-0.11	263.48
PF0512	-0.84	0.70
PF0513	0.42	162.61
PF0514	2.41	0.00
PF0515	-0.74	101.87
PF0516	1.00	0.01
PF0517	0.95	38.02
PF0518	0.38	216.91
PF0519	-1.16	0.70
PF0520	-1.18	0.01
PF0521		0.13
PF0522		38.02
PF0523		263.48
PF0524	-0.07	263.48
PF0525	-0.38	150.45
PF0526	0.05	263.48
PF0527	-0.96	38.02
PF0528	-2.35	0.00
PF0529	-2.15	0.00

PF1170		38.02
PF1171	-0.91	0.70
PF1172	-0.70	81.67
PF1173	-1.60	0.19
PF1174	0.10	263.48
PF1175	-0.42	150.45
PF1176	-0.31	150.45
PF1177	-0.29	150.45
PF1178	-0.48	101.87
PF1179	-0.37	110.46
PF1180	-0.83	58.89
PF1181	0.79	38.02
PF1182	-0.63	2.76
PF1183	-0.51	101.87
PF1184	-0.43	72.41
PF1185	-0.34	38.02
PF1186	-0.58	0.01
PF1187	-1.16	0.06
PF1188	-0.60	58.89
PF1189		38.02
PF1190	-0.45	58.89
PF1191	0.48	176.73
PF1192	-0.49	176.73
PF1193	-1.01	38.02
PF1194		150.45
PF1195	-1.72	0.00
PF1196		58.89
PF1197	-1.83	0.00
PF1198		263.48
PF1199	-0.03	263.48
PF1200	0.15	263.48
PF1201	-0.82	2.76
PF1202		263.48
PF1203	-0.74	0.00
PF1204	0.46	58.89
PF1205	0.64	38.02
PF1206	-0.78	72.41
PF1207	-0.55	38.02
PF1208	-0.55	58.89
PF1209	0.40	177.27
PF1210	-0.23	263.48
PF1211	-0.30	263.48
PF1212		110.46
PF1213	-0.78	58.89
PF1214	-0.99	0.00
PF1215		38.02
PF1216		150.45
PF1217	-0.18	263.48

PF1856	-0.48	38.02
PF1857	-0.63	58.89
PF1858	2.26	0.00
PF1859	0.20	263.48
PF1860	-0.75	58.89
PF1861	-0.98	0.70
PF1862	0.01	263.48
PF1863	0.20	263.48
PF1865		38.02
PF1866		150.45
PF1867	-0.94	0.03
PF1868	0.40	190.21
PF1869	-0.27	162.61
PF1870	3.96	0.00
PF1871	0.09	263.48
PF1872	-0.85	58.89
PF1873		216.91
PF1874	-3.22	0.00
PF1875	-0.21	263.48
PF1876	-0.28	207.83
PF1877		263.48
PF1878		263.48
PF1879	0.25	150.45
PF1880	-0.60	58.89
PF1881	-0.20	263.48
PF1882	-0.32	58.89
PF1883	0.40	150.45
PF1884	-0.28	263.48
PF1885	-0.37	81.67
PF1886		198.85
PF1887	0.45	150.45
PF1888	-0.48	38.02
PF1889		207.83
PF1890	1.09	0.70
PF1891	0.29	263.48
PF1892	0.42	150.45
PF1893		263.48
PF1894	-0.25	220.58
PF1895	-0.08	263.48
PF1896		263.48
PF1897	0.26	233.61
PF1898	1.53	0.02
PF1899	0.37	150.45
PF1900	0.81	38.02
PF1901	-0.18	263.48
PF1902	0.06	263.48
PF1903	0.20	220.58
PF1904	-0.65	58.89

PF0530	-1.64	0.04
PF0531	-2.23	0.00
PF0532	-2.76	0.00
PF0533	-2.24	0.00
PF0534	-1.41	0.00
PF0535	-0.19	263.48
PF0536	-0.33	150.45
PF0537	-0.27	238.25
PF0538	-0.18	263.48
PF0539	-0.71	38.02
PF0540	-0.50	58.89
PF0541	-0.89	0.70
PF0542	-0.49	0.05
PF0543		263.48
PF0544		150.45
PF0545		1.49
PF0546	-0.91	38.02
PF0547	-1.90	0.00
PF0548		0.15
PF0549	-1.36	0.19
PF0550		150.45
PF0551	-0.77	168.84
PF0552	-0.42	162.61
PF0553	-0.63	58.89
PF0554	-0.23	263.48
PF0555	-0.75	38.02
PF0556		263.48
PF0557	0.06	263.48
PF0558	-1.56	0.70
PF0559	-2.37	0.00
PF0560	-0.01	263.48
PF0561	0.76	72.41
PF0562	-0.39	38.02
PF0563		263.48
PF0564	-0.23	150.45
PF0565	-0.16	263.48
PF0566	-0.04	263.48
PF0567	-0.27	220.58
PF0568	0.19	263.48
PF0569	-0.31	190.21
PF0570	-0.02	263.48
PF0571		101.87
PF0572	-1.25	0.70
PF0573	0.15	263.48
PF0574		263.48
PF0575		2.76
PF0576		263.48
PF0577	-0.40	150.45

PF1218	-0.78	38.02
PF1219		58.89
PF1220		0.70
PF1221		150.45
PF1222		150.45
PF1223	-0.40	263.48
PF1224		81.67
PF1225		38.02
PF1226		263.48
PF1227	-0.61	38.02
PF1228		263.48
PF1229		150.45
PF1230	-0.77	38.02
PF1231	0.00	263.48
PF1232	-0.02	263.48
PF1233	-0.03	263.48
PF1234	-0.57	101.87
PF1235		38.02
PF1236	-1.17	0.70
PF1237	-1.50	0.04
PF1238	-0.12	263.48
PF1239	-0.26	263.48
PF1240	-0.56	110.46
PF1241	-0.76	38.02
PF1242	-0.77	38.02
PF1243		207.83
PF1244	-0.20	263.48
PF1245	-2.35	0.00
PF1246	-2.30	0.02
PF1247	0.73	2.76
PF1248	-0.63	38.02
PF1249	-1.27	1.49
PF1250	-1.16	38.02
PF1251	-0.95	38.02
PF1252	-0.88	38.02
PF1253	-2.61	0.00
PF1254	1.78	0.00
PF1255	2.19	0.00
PF1256	0.18	263.48
PF1257	-0.29	198.85
PF1258	0.15	263.48
PF1259		58.89
PF1260	-0.42	110.46
PF1261		168.84
PF1262	-0.35	220.58
PF1263	-0.31	263.48
PF1264	-0.38	162.61
PF1265	-0.59	110.46

PF1905	0.22	263.48
PF1906	-0.51	150.45
PF1907	2.29	0.00
PF1908	1.14	38.02
PF1909	-0.09	263.48
PF1910	-4.15	0.00
PF1911	-3.78	0.00
PF1912	-0.71	1.49
PF1913	-0.04	263.48
PF1914	-0.16	263.48
PF1915	-0.41	38.02
PF1916	0.63	58.89
PF1917	0.32	233.61
PF1918	-0.15	263.48
PF1919	0.05	263.48
PF1920	2.24	0.00
PF1921	-0.36	168.84
PF1922	0.24	216.91
PF1923	0.54	58.89
PF1924	0.03	263.48
PF1925	-0.39	176.73
PF1926	-0.10	263.48
PF1927	-0.08	263.48
PF1928	-0.72	58.89
PF1929	-0.98	58.89
PF1930	0.59	101.87
PF1931	0.78	58.89
PF1932	-0.04	263.48
PF1933	1.27	0.06
PF1934	1.46	0.00
PF1935	2.30	0.00
PF1936	2.45	0.00
PF1937	2.56	0.00
PF1938	2.13	0.00
PF1939	0.10	263.48
PF1940	-0.30	207.83
PF1941	-0.23	263.48
PF1942	-0.31	150.45
PF1943	0.66	38.02
PF1944		72.41
PF1945		263.48
PF1946	-1.73	0.00
PF1947	-0.70	0.13
PF1948	-0.88	38.02
PF1949		176.73
PF1950	0.63	0.02
PF1951	4.18	0.00
PF1952	-0.12	263.48

PF0578	-0.77	38.02	PF1266	4.65	0.00	PF1953	-0.22	263.48
PF0579	0.06	263.48	PF1267	4.39	0.00	PF1954	-0.29	176.73
PF0580	1.04	38.02	PF1268	5.51	0.00	PF1955		58.89
PF0581	0.19	263.48	PF1269	4.39	0.00	PF1956	0.33	162.61
PF0582	0.42	38.02	PF1270	1.62	0.00	PF1957	0.03	263.48
PF0583	0.74	38.02	PF1271		263.48	PF1958	-0.38	150.45
PF0584	0.60	58.89	PF1272	-0.79	0.00	PF1959	1.75	0.00
PF0585	-0.46	101.87	PF1273	-0.51	58.89	PF1960	0.28	263.48
PF0586		0.70	PF1274		263.48	PF1961	0.27	101.87
PF0587	0.39	263.48	PF1275		150.45	PF1962	0.57	58.89
PF0588	0.69	0.01	PF1276		263.48	PF1963	-0.02	263.48
PF0589	-0.34	207.83	PF1277	-0.50	110.46	PF1964	-0.62	38.02
PF0590	-0.84	38.02	PF1278		110.46	PF1965	-0.54	58.89
PF0591	-0.49	58.89	PF1279		263.48	PF1966	-0.24	168.84
PF0592	-0.62	2.76	PF1280		58.89	PF1967	-0.51	101.87
PF0593	-0.41	58.89	PF1281	-0.04	263.48	PF1968	-0.58	81.67
PF0594	-0.46	81.67	PF1282	0.02	263.48	PF1969	-0.25	263.48
PF0595	-0.52	150.45	PF1283	-0.63	0.00	PF1970	-0.30	207.83
PF0596	-0.65	58.89	PF1284	-0.24	220.58	PF1971	-0.22	58.89
PF0597	-0.59	38.02	PF1285	-1.21	0.13	PF1972	-0.03	263.48
PF0598	-0.87	0.15	PF1286	-1.22	2.76	PF1973	-0.54	38.02
PF0599	-0.99	0.00	PF1287	-1.25	0.15	PF1974	-0.23	150.45
PF0600	-0.89	2.76	PF1288	-0.78	2.76	PF1975	4.52	0.00
PF0601	-0.37	233.61	PF1289	-0.41	101.87	PF1976	1.01	2.76
PF0602	-0.82	38.02	PF1290	-0.69	2.76	PF1977	0.08	263.48
PF0603	0.34	263.48	PF1291	-0.63	58.89	PF1978	0.07	263.48
PF0604	-1.06	0.70	PF1292	-0.51	72.41	PF1979	-0.60	38.02
PF0605	-0.58	38.02	PF1293	-0.67	38.02	PF1980	-1.16	0.00
PF0606	-0.12	263.48	PF1294		263.48	PF1981		81.67
PF0607	0.13	263.48	PF1295	-0.89	101.87	PF1982	0.46	150.45
PF0608	-0.08	263.48	PF1296	-0.56	58.89	PF1983	-0.02	263.48
PF0609	-0.67	2.76	PF1297	-0.66	38.02	PF1984		38.02
PF0610	-0.32	207.83	PF1298	-1.29	0.70	PF1985		38.02
PF0611	0.27	263.48	PF1299	-1.07	0.00	PF1986	-0.78	0.04
PF0612	-2.79	0.00	PF1300		38.02	PF1987	0.24	216.91
PF0613	-3.95	0.00	PF1301		263.48	PF1988	-0.02	263.48
PF0614		101.87	PF1302	-0.70	38.02	PF1989	0.09	263.48
PF0615	-0.90	0.05	PF1303	-0.48	58.89	PF1990	0.08	263.48
PF0616	-0.98	2.76	PF1304	0.01	263.48	PF1991	-0.12	263.48
PF0617		220.58	PF1305	-0.03	263.48	PF1992	-0.50	38.02
PF0618	-1.13	2.76	PF1306	-0.20	263.48	PF1993	-0.10	263.48
PF0619	-0.85	150.45	PF1307		263.48	PF1994	-0.63	38.02
PF0620		81.67	PF1308		263.48	PF1995	-0.64	38.02
PF0621	-0.04	263.48	PF1309		38.02	PF1996	-0.30	190.21
PF0622		263.48	PF1310	-0.65	58.89	PF1997		263.48
PF0623	-1.04	0.01	PF1311		263.48	PF1998	-0.78	38.02
PF0624	-0.66	110.46	PF1312		0.70	PF1999	-2.17	0.00
PF0625	-0.19	263.48	PF1313	-0.62	38.02	PF2000	-1.75	0.00

PF0626		0.70
PF0627		263.48
PF0628		0.70
PF0629		263.48
PF0630	0.46	101.87
PF0631	0.45	150.45
PF0632		72.41
PF0633	0.00	263.48
PF0634	-0.40	207.83
PF0635	-0.41	190.21
PF0636	-0.38	150.45
PF0637	-0.66	168.84
PF0638	-0.59	81.67
PF0639	-1.07	0.01
PF0640	-0.49	58.89
PF0641		58.89
PF0642	0.25	238.25
PF0643	-0.09	263.48
PF0644		110.46
PF0645	-0.20	263.48
PF0646		233.61
PF0647	-0.35	263.48
PF0648		263.48
PF0649	-0.23	166.24
PF0650	0.88	58.89
PF0651	2.38	0.00
PF0652	0.64	38.02
PF0653	-1.22	38.02
PF0654	-0.73	38.02
PF0655		162.61
PF0656	-0.29	263.48
PF0657		38.02
PF0658		198.84
PF0659	-1.43	0.04
PF0660	-0.91	38.02
PF0661	-0.17	263.48
PF0662	-0.58	58.89
PF0663	0.29	150.45
PF0664		207.83
PF0665	-0.03	263.48
PF0666	-0.31	177.27
PF0667	-0.64	38.02
PF0668	-0.67	38.02
PF0669	-0.54	58.89
PF0670	-0.51	58.89
PF0671	-1.26	0.00
PF0672	-2.00	0.00
PF0673	-1.68	0.00

PF1314	-1.03	38.02
PF1315		207.83
PF1316	-1.29	0.00
PF1317		58.89
PF1318	-1.13	0.70
PF1319		81.67
PF1320		263.48
PF1321	0.03	263.48
PF1322	-0.38	110.46
PF1323	-0.49	81.67
PF1324	-0.90	0.70
PF1325	-0.60	58.89
PF1326	0.26	238.25
PF1327	2.52	0.00
PF1328	2.49	0.00
PF1329		263.48
PF1330	-0.27	190.21
PF1331	-0.28	196.76
PF1332	-0.78	38.02
PF1333	-0.53	150.45
PF1334	-2.15	0.01
PF1335	-0.43	110.46
PF1336		263.48
PF1337		263.48
PF1338	-0.46	150.45
PF1339	-0.82	58.89
PF1340	-0.41	81.67
PF1341	-2.93	0.00
PF1342	-0.94	58.89
PF1343		101.87
PF1344	-0.82	2.76
PF1345	-0.66	2.76
PF1346	0.88	38.02
PF1347	1.67	0.01
PF1348		0.70
PF1349	-1.05	0.00
PF1350	-0.11	263.48
PF1351	-0.25	155.72
PF1352	-0.57	150.45
PF1353	-0.71	38.02
PF1354	-0.40	162.61
PF1355	-0.16	263.48
PF1356	-0.71	0.13
PF1357	0.15	263.48
PF1358	-0.33	150.45
PF1359	-0.35	81.67
PF1360	-0.13	263.48
PF1361	-0.01	263.48

PF2001	-3.59	0.00
PF2002	-3.39	0.00
PF2003	-1.75	0.01
PF2004	-0.29	207.83
PF2005	-0.32	176.73
PF2006	-0.19	263.48
PF2007	-0.54	58.89
PF2008	-0.43	58.89
PF2009	-0.29	220.58
PF2010		38.02
PF2011	-0.86	38.02
PF2012	-0.39	38.02
PF2013	-0.93	38.02
PF2014	-0.46	58.89
PF2015	-0.42	58.89
PF2016	0.83	38.02
PF2017	0.26	263.48
PF2018	0.16	263.48
PF2019		263.48
PF2020	0.18	263.48
PF2021	-0.23	196.76
PF2022		263.48
PF2023	-1.06	3.13
PF2024	-0.81	38.02
PF2025	0.24	263.48
PF2026	0.29	176.73
PF2027	0.45	162.61
PF2028	-0.31	198.84
PF2029	-0.20	263.48
PF2030	-0.32	58.89
PF2031	-0.33	150.45
PF2032	1.56	0.00
PF2033		58.89
PF2034	-0.55	101.87
PF2036	0.07	263.48
PF2037		263.48
PF2038	-0.17	263.48
PF2039	-0.03	263.48
PF2040	-0.10	263.48
PF2041	-0.39	198.85
PF2042		263.48
PF2043	-0.13	263.48
PF2044	-0.22	150.45
PF2045	-0.69	58.89
PF2046	-1.17	0.00
PF2047	-2.37	0.00
PF2048	-0.60	38.02
PF2049	-0.05	263.48

PF0674	-1.01	0.00
PF0675		263.48
PF0676	-2.50	0.00
PF0677	-0.45	168.84
PF0678	-0.43	58.89
PF0679	-0.77	150.45
PF0680	-0.24	263.48
PF0681	1.35	0.01
PF0682	0.04	263.48
PF0683	0.16	263.48
PF0684	-0.06	263.48
PF0685	-0.20	263.48
PF0686		263.48
PF0687	-0.72	58.89
PF0688	0.90	3.13
PF0689	-2.54	0.02

PF1362	0.48	168.84
PF1363	0.37	150.45
PF1364	0.09	263.48
PF1365		38.02
PF1366	-0.02	263.48
PF1367	-0.55	58.89
PF1368	0.13	263.48
PF1369	-0.10	263.48
PF1370		150.45
PF1371	-0.45	150.45
PF1372		38.02
PF1373		263.48
PF1374	-0.25	198.85
PF1375	-0.81	0.02
PF1376	-0.57	2.76
PF1377	0.06	263.48

PF2050	-0.19	263.48
PF2051	0.13	263.48
PF2052	-0.29	150.45
PF2053	-0.67	58.89
PF2054	-0.78	0.00
PF2055	-0.26	177.27
PF2056	-0.29	198.85
PF2057		155.72
PF2058		38.02
PF2059	0.21	233.61
PF2060	-0.05	263.48
PF2061		263.48
PF2062		0.70
PF2063	-0.86	2.76
PF2064	-1.16	101.87
PF2065		220.58