

Supplemental Table S1. Dose and time dependent uppression of mRNA gene expression involved in wound healing

Position	Symbol	Up-Down Regulation (comparing to control group)										
		2000-1hr		2000-3hr		2000-6hr		2000-24hr		2000-30hr		4000-1hr
		Fold Regul	p-value (co	Fold Regul	p-value (co	Fold Regul	p-value (co	Fold Regul	p-value (co	Fold Regul	p-value (co	Fold Regul
A01	<i>ACTA2</i>	-3.79	0.040976	-5.27	0.030693	-8.98	0.023489	-19.43	0.019987	-78.70	0.016755	-4.07
A02	<i>ACTC1</i>	-23.21	0.018538	-70.11	0.017257	-59.49	0.017243	-22.37	0.018574	-13.67	0.020477	-64.58
A03	<i>ANGPT1</i>	-272.98	0.133926	-1097.88	0.133536	-785.41	0.133549	-116.17	0.135590	-218.97	0.134115	-907.05
A04	<i>CCL2</i>	-815.39	0.016074	-2592.05	0.016024	-2826.55	0.016022	-245.82	0.016223	-266.85	0.016222	-1357.74
A05	<i>CCL7</i>	-211.91	0.028897	-1552.52	0.028592	-960.59	0.028675	-14.54	0.038308	-6.50	0.046304	-263.26
A06	<i>CD40LG</i>	-122.34	0.016457	-290.06	0.016229	-799.25	0.016163	-111.46	0.016486	-69.51	0.016897	-255.76
A07	<i>CDH1</i>	1.44	0.998355	-1.65	0.221755	1.20	0.711511	1.32	0.826359	2.39	0.190093	1.52
A08	<i>COL14A1</i>	-536.96	0.287009	-501.76	0.287014	-1751.95	0.286727	-393.73	0.287133	-45.05	0.291163	-2182.30
A09	<i>COL1A1</i>	-29.81	0.017885	-42.41	0.017320	-35.54	0.017611	-6.49	0.027853	-41.94	0.017648	-51.27
A10	<i>COL1A2</i>	-969.45	0.316520	-3979.53	0.316377	-1662.19	0.316450	-95.06	0.318899	-12.13	0.331464	-2318.24
A11	<i>COL3A1</i>	-153.32	0.263191	-1401.81	0.262342	-699.15	0.262366	-213.92	0.262833	-155.05	0.263827	-264.68
A12	<i>COL4A1</i>	-815.39	0.016074	-2592.05	0.016024	-2826.55	0.016022	-245.82	0.016223	-342.75	0.016176	-1357.74
B01	<i>COL4A3</i>	-815.39	0.016074	-2467.14	0.016026	-2826.55	0.016022	-51.58	0.017070	-222.54	0.016444	-211.69
B02	<i>COL5A1</i>	-789.32	0.113793	-708.93	0.113488	-719.72	0.113474	-178.92	0.114182	-253.83	0.114010	-377.78
B03	<i>COL5A2</i>	-47.73	0.323236	-61.24	0.322429	-42.55	0.323656	-45.75	0.323366	-40.61	0.323875	-44.93
B04	<i>COL5A3</i>	-28.39	0.017992	-35.29	0.017626	-46.57	0.017244	-31.83	0.018121	-12.99	0.020707	-24.15
B05	<i>CSF2</i>	-180.00	0.101628	-723.30	0.101005	-501.07	0.101174	-27.56	0.106969	-64.16	0.103506	-143.18
B06	<i>CSF3</i>	-213.07	0.188916	-721.57	0.188088	-712.63	0.188104	-69.18	0.190859	-38.21	0.193102	-175.90
B07	<i>CCN2</i>	1.53	0.751114	3.27	0.039389	3.67	0.029327	5.72	0.001656	6.08	0.001622	1.11
B08	<i>CTNNB1</i>	1.08	0.734735	-1.28	0.467000	1.55	0.766038	1.56	0.734235	3.81	0.024239	-1.19
B09	<i>CTSG</i>	-815.39	0.016074	-2592.05	0.016024	-2826.55	0.016022	-245.82	0.016223	-400.99	0.016140	-1357.74
B10	<i>CTSK</i>	-6.24	0.030785	-69.25	0.019739	-8.51	0.025193	-13.95	0.021909	-4.25	0.036172	-5.81
B11	<i>CTSV</i>	1.72	0.844519	1.07	0.708080	-1.77	0.600962	4.30	0.045139	4.03	0.069540	1.83
B12	<i>CXCL1</i>	-24.40	0.103181	-6.65	0.132286	-27.37	0.234322	-1.30	0.486298	-2.51	0.224132	-39.21
C01	<i>CXCL11</i>	-7.24	0.025717	-4.73	0.033364	-7.32	0.025634	-27.56	0.020238	-19.07	0.019152	-3.88
C02	<i>CXCL2</i>	-23.73	0.201227	-2.82	0.309364	-1.29	0.515924	2.62	0.273511	1.16	0.776113	-27.72
C03	<i>CXCL5</i>	-126.82	0.016445	-130.20	0.016440	-81.69	0.016667	-216.38	0.016250	-15.29	0.020085	-92.59
C04	<i>EGF</i>	-47.17	0.284565	-83.74	0.283140	-157.52	0.282010	-64.26	0.283445	-34.26	0.286245	-79.54

C05	<i>EGFR</i>	1.55	0.317816	-2.01	0.098939	1.08	0.879585	1.10	0.911095	-1.15	0.437908	1.72
C06	<i>FL3A1</i>	-1427.76	0.178574	-468.27	0.178871	-582.83	0.178793	-430.43	0.178919	-702.15	0.178727	-2377.42
C07	<i>F3</i>	1.12	0.945805	1.31	0.631668	1.48	0.379707	3.05	0.002223	3.95	0.001460	1.11
C08	<i>FGA</i>	-1349.32	0.301791	-4289.34	0.301681	-4677.39	0.301677	-406.78	0.302113	-663.57	0.301933	-2246.80
C09	<i>FGF10</i>	-169.03	0.016339	-928.29	0.016208	-478.48	0.016210	-134.75	0.016401	-59.57	0.016914	-232.41
C10	<i>FGF2</i>	-443.56	0.016141	-2592.05	0.016024	-502.22	0.016196	-245.82	0.016223	-226.11	0.016426	-130.33
C11	<i>FGF7</i>	-191.77	0.270631	-527.72	0.269930	-833.32	0.269758	-131.22	0.271474	-34.58	0.275619	-269.70
C12	<i>HBEGF</i>	-5.87	0.312793	-1.86	0.407203	-76.95	0.590961	7.50	0.027741	8.84	0.010407	-3.63
D01	<i>HGF</i>	-815.39	0.016074	-1199.63	0.016073	-2826.55	0.016022	-245.82	0.016223	-132.34	0.016599	-1357.74
D02	<i>IFNG</i>	-1790.10	0.229589	-2339.59	0.229555	-6205.35	0.229502	-539.66	0.229834	-113.98	0.231200	-2980.76
D03	<i>IGF1</i>	-815.39	0.016074	-333.55	0.016166	-2826.55	0.016022	-245.82	0.016223	-42.05	0.017312	-1047.70
D04	<i>IL10</i>	-1221.60	0.202742	-497.92	0.202995	-207.97	0.203758	-39.91	0.208353	-23.36	0.212903	-569.30
D05	<i>IL1B</i>	-5.90	0.028593	-7.96	0.024560	-4.74	0.033134	-4.28	0.037438	1.16	0.941198	-5.23
D06	<i>IL2</i>	-2756.48	0.265100	-5090.75	0.265076	-9555.30	0.265057	-831.00	0.265222	-1355.58	0.265154	-4589.91
D07	<i>IL4</i>	-1257.82	0.305356	-1126.34	0.305372	-425.73	0.305641	-409.76	0.305665	-64.39	0.308136	-281.98
D08	<i>IL6</i>	-1150.84	0.285108	-259.93	0.285777	-167.81	0.286133	-27.59	0.292832	-137.83	0.288866	-847.33
D09	<i>IL6ST</i>	-6.17	0.337212	-16.52	0.321284	-6.02	0.337260	-4.14	0.348774	1.20	0.526351	-5.94
D10	<i>ITGA1</i>	-8.95	0.318757	-919.66	0.298477	-11.55	0.314037	-21.05	0.305652	-4.52	0.341563	-7.08
D11	<i>ITGA2</i>	-6.78	0.121453	-21.67	0.098364	-5.56	0.129708	1.98	0.399405	3.81	0.020508	-8.09
D12	<i>ITGA3</i>	1.84	0.553312	-1.91	0.298923	-6.71	0.389456	1.38	0.980840	2.03	0.442917	2.02
E01	<i>ITGA4</i>	-583.33	0.119712	-1979.08	0.119122	-3194.79	0.119051	-175.81	0.120463	-44.84	0.124059	-1713.49
E02	<i>ITGA5</i>	-5.14	0.034211	-10.24	0.023372	-4.67	0.033513	-4.10	0.038541	-5.68	0.029782	-2.93
E03	<i>ITGA6</i>	1.57	0.256745	-1.90	0.136015	1.28	0.649253	2.13	0.037364	3.13	0.001966	1.35
E04	<i>ITGAV</i>	-2.74	0.201440	-7.83	0.136338	-2.26	0.230109	-1.11	0.453493	1.67	0.909386	-2.79
E05	<i>ITGB1</i>	1.80	0.011521	1.13	0.659191	2.00	0.008813	1.51	0.114906	2.72	0.000309	2.09
E06	<i>ITGB3</i>	-272.05	0.265266	-330.73	0.265566	-134.25	0.266590	-11.54	0.284102	-14.48	0.279381	-437.96
E07	<i>ITGB5</i>	2.22	0.504851	1.43	0.919888	1.63	0.913477	1.42	0.918906	1.98	0.661584	2.08
E08	<i>ITGB6</i>	-2.63	0.010828	-6.43	0.000805	-2.13	0.006137	-7.23	0.000736	-2.29	0.007670	-2.59
E09	<i>MAPK1</i>	-1.46	0.372626	-2.56	0.304224	-1.68	0.350614	-3.10	0.292199	-2.42	0.308884	-1.46
E10	<i>MAPK3</i>	1.47	0.972117	-4.72	0.304428	1.05	0.661548	-1.11	0.572514	-1.82	0.395951	1.67
E11	<i>MIF</i>	-1.29	0.474449	-2.92	0.008246	-2.97	0.007312	-2.38	0.012878	-6.76	0.002606	-1.64
E12	<i>MMP1</i>	-6.58	0.027579	-5.05	0.032872	-1.55	0.549907	22.47	0.005994	52.58	0.000000	-6.60
F01	<i>MMP2</i>	-1463.27	0.335018	-4651.59	0.334932	-4374.25	0.334936	-441.13	0.335271	-719.61	0.335130	-2160.08

F02	<i>MMP7</i>	-2.30	0.171689	-3.50	0.113974	-4.45	0.097575	-1.19	0.494877	-7.95	0.074365	-2.82
F03	<i>MMP9</i>	-1934.63	0.214644	-592.51	0.214849	-2132.44	0.214665	-117.48	0.216095	-499.70	0.214943	-461.45
F04	<i>PDGFA</i>	-2.65	0.056738	-10.12	0.014153	-7.93	0.015996	-3.62	0.030319	-5.92	0.019057	-3.00
F05	<i>PLAT</i>	-481.09	0.016125	-1082.89	0.016080	-686.95	0.016085	-245.26	0.016223	-140.13	0.016402	-591.65
F06	<i>PLAU</i>	-22.37	0.155978	-38.94	0.150925	-10.38	0.168687	-4.95	0.199258	-5.97	0.188540	-21.25
F07	<i>PLAUR</i>	-4.02	0.002044	-4.17	0.001468	-1.47	0.061079	2.09	0.004153	2.92	0.000095	-3.60
F08	<i>PLG</i>	-2063.99	0.224482	-5229.70	0.224428	-1085.68	0.224588	-622.23	0.224676	-159.13	0.225506	-1476.50
F09	<i>PTEN</i>	1.26	0.640633	-1.31	0.476324	-1.83	0.414312	-9.33	0.305348	-4.90	0.326303	1.17
F10	<i>PTGS2</i>	-1165.86	0.213149	-3706.16	0.212997	-4041.44	0.212991	-351.47	0.213599	-573.35	0.213348	-1941.32
F11	<i>RAC1</i>	1.21	0.554901	1.03	0.473205	-1.25	0.387676	-2.51	0.263108	-2.08	0.285394	1.49
F12	<i>RHOA</i>	1.89	0.197242	-1.39	0.409545	-1.81	0.274272	-2.00	0.210942	-3.43	0.114684	1.19
G01	<i>SERPINE1</i>	-17.83	0.357805	-8.12	0.366522	-1.29	0.478950	1.54	0.643138	3.29	0.914855	-19.34
G02	<i>STAT3</i>	-1.16	0.364626	-2.46	0.093192	-1.62	0.177160	-1.06	0.541504	2.56	0.035356	-1.23
G03	<i>TAGLN</i>	-1.63	0.166805	-3.24	0.047511	-2.78	0.058015	-1.13	0.468394	-1.16	0.442387	-2.06
G04	<i>TGFA</i>	-2.42	0.240711	-7.14	0.168853	-3.18	0.208563	-2.00	0.266531	-1.23	0.372340	-2.54
G05	<i>TGFB1</i>	1.69	0.901196	-1.14	0.523729	1.40	0.816175	-8.36	0.356709	2.00	0.812133	2.14
G06	<i>TGFBR3</i>	-1.53	0.162960	-2.87	0.040481	-4.57	0.023503	-3.18	0.036234	-4.14	0.025864	-2.05
G07	<i>TIMP1</i>	1.60	0.191208	-1.37	0.275430	-1.42	0.243631	1.23	0.676232	1.22	0.695309	1.40
G08	<i>TNF</i>	-59.38	0.016923	-29.15	0.018020	-10.20	0.022253	-3.79	0.041209	-3.62	0.042054	-65.37
G09	<i>VEGFA</i>	4.17	0.000790	3.01	0.004792	1.92	0.086308	-1.24	0.434320	-1.45	0.281637	3.75
G10	<i>VTN</i>	-36.29	0.195712	-357.71	0.190249	-83.36	0.192071	-33.19	0.200060	-13.17	0.208242	-52.63
G11	<i>CCN4</i>	-80.65	0.325924	-237.52	0.323623	-81.83	0.324983	-195.15	0.323922	-22.16	0.330774	-155.77
G12	<i>WNT5A</i>	-176.71	0.016397	-774.57	0.016351	-440.90	0.016237	-101.27	0.016532	-250.44	0.016218	-260.06
H01	<i>ACTB</i>	-1.16	0.438100	-1.11	0.503373	-1.07	0.605817	-1.07	0.614950	-1.15	0.441731	-1.29
H02	<i>B2M</i>	1.16	0.659370	1.11	0.794006	1.07	0.932445	1.07	0.919606	1.15	0.699162	1.29
H03	<i>GAPDH</i>	-1.50	0.238947	-3.21	0.031519	-2.05	0.072086	-2.77	0.039810	-3.56	0.027301	-1.55
H04	<i>HPRT1</i>	-1.38	0.384221	-2.38	0.177697	-2.06	0.211003	-2.18	0.199274	-1.58	0.303575	-1.82
H05	<i>RPLP0</i>	-1.21	0.485318	-2.27	0.107771	-2.96	0.072365	-3.01	0.072037	-5.88	0.038318	-1.88

	4000-3hr		4000-6hr		4000-24hr		4000-30hr	
p-value (control)	Fold Regul	p-value (control)	Fold Regul	p-value (control)	Fold Regul	p-value (control)	Fold Regul	p-value (comparing to control group)
0.038476	-5.53	0.030023	-38.52	0.023785	-76.40	0.017411	-30.08	0.020992
0.016965	-72.00	0.017450	-13.55	0.020478	-26.72	0.018170	-8.78	0.023699
0.133368	-189.05	0.134270	-111.67	0.135502	-277.26	0.133987	-109.11	0.135243
0.016047	-557.62	0.016128	-377.43	0.016172	-215.60	0.016276	-92.40	0.016649
0.028819	-155.79	0.029064	-109.96	0.029762	-48.32	0.031345	-14.81	0.037043
0.016211	-81.67	0.016693	-70.03	0.016809	-66.35	0.016863	-26.13	0.018702
0.916753	1.06	0.562144	1.00	0.508700	-1.67	0.229349	1.09	0.682821
0.286717	-547.40	0.287007	-343.43	0.287218	-118.29	0.289222	-51.84	0.291141
0.017075	-17.68	0.019320	-32.31	0.017735	-23.04	0.018593	-6.78	0.027562
0.316417	-952.10	0.316576	-644.44	0.316663	-368.12	0.316868	-157.77	0.317588
0.262596	-124.42	0.263724	-145.92	0.263797	-243.18	0.262688	-120.24	0.263646
0.016047	-510.61	0.016132	-377.43	0.016172	-215.60	0.016276	-92.40	0.016649
0.016255	-304.36	0.016192	-377.43	0.016172	-215.60	0.016276	-92.40	0.016649
0.113886	-1098.02	0.113438	-743.21	0.113509	-424.54	0.113675	-181.95	0.114261
0.323425	-31.65	0.325094	-30.59	0.325504	-36.86	0.325627	-83.26	0.324557
0.018413	-21.66	0.018818	-43.02	0.017470	-20.80	0.019148	-44.67	0.017287
0.101837	-79.62	0.102837	-98.18	0.102395	-53.62	0.103925	-38.31	0.105048
0.188954	-87.69	0.194849	-77.10	0.194008	-165.05	0.189115	-13.79	0.206584
0.797360	2.23	0.247822	3.68	0.075322	2.64	0.124239	3.94	0.014669
0.544643	-1.35	0.427878	-1.12	0.594648	-4.72	0.169159	1.07	0.975846
0.016047	-557.62	0.016128	-377.43	0.016172	-215.60	0.016276	-92.40	0.016649
0.028830	-5.65	0.031314	-4.58	0.038193	-12.42	0.023532	-8.90	0.024007
0.771683	1.10	0.735102	2.27	0.411654	2.60	0.340732	2.78	0.278570
0.099605	-6.38	0.135036	-2.44	0.240791	-1.39	0.436862	-3.32	0.181411
0.039677	-5.73	0.029274	-3.66	0.041588	-9.24	0.023174	-17.94	0.020644
0.198373	-7.49	0.225768	-2.19	0.369834	-1.01	0.656898	1.01	0.680470
0.016583	-150.03	0.016389	-191.26	0.016287	-189.84	0.016298	-44.66	0.017612
0.282774	-19.10	0.291969	-37.94	0.285727	-85.54	0.282603	-25.65	0.289752

0.141736	-1.00	0.653496	-1.36	0.255900	1.49	0.368088	-3.25	0.602276
0.178511	-481.69	0.178863	-345.35	0.179110	-377.51	0.179041	-161.80	0.179889
0.945073	1.68	0.232030	1.76	0.240196	1.22	0.832496	1.67	0.321942
0.301732	-922.75	0.301907	-624.58	0.302002	-356.77	0.302227	-152.91	0.303018
0.016234	-100.61	0.016538	-114.63	0.016470	-133.31	0.016404	-65.91	0.016899
0.016413	-557.62	0.016128	-150.49	0.016508	-114.29	0.017179	-92.40	0.016649
0.270216	-103.32	0.271462	-110.48	0.271457	-142.57	0.270960	-111.24	0.271366
0.337527	-2.80	0.358321	-1.05	0.546589	2.88	0.639046	4.77	0.189707
0.016047	-557.62	0.016128	-377.43	0.016172	-215.60	0.016276	-92.40	0.016649
0.229544	-1224.19	0.229677	-828.61	0.229749	-473.32	0.229920	-202.86	0.230522
0.016056	-557.62	0.016128	-190.74	0.016322	-215.60	0.016276	-92.40	0.016649
0.203155	-383.62	0.203149	-512.73	0.203042	-72.17	0.206012	-74.79	0.205682
0.031104	-6.74	0.026599	-7.38	0.026549	-10.43	0.022905	-16.87	0.046268
0.265078	-1885.07	0.265144	-1275.94	0.265180	-728.84	0.265265	-312.37	0.265564
0.305965	-121.61	0.307164	-629.16	0.305556	-359.39	0.305776	-154.03	0.306550
0.285296	-316.95	0.285599	-604.76	0.285325	-172.79	0.286363	-148.05	0.286438
0.337416	-8.90	0.328976	-8.31	0.330320	-9.67	0.328133	-2.84	0.394632
0.324660	-22.85	0.306097	-12.99	0.311358	-30.40	0.304883	-13.27	0.314240
0.114264	-7.13	0.118446	-15.05	0.103342	-16.12	0.101515	-1.46	0.850160
0.448765	1.07	0.692540	-1.03	0.602970	-1.35	0.474426	-1.12	0.527753
0.119118	-703.73	0.119366	-418.18	0.119533	-230.43	0.119914	-116.61	0.120947
0.053724	-4.48	0.034625	-9.42	0.023423	-4.21	0.036890	-84.53	0.016758
0.526931	-1.02	0.682367	-1.81	0.151009	-2.11	0.112733	1.14	0.734833
0.197458	-3.99	0.166374	-3.50	0.176817	-2.75	0.202554	-1.38	0.390904
0.003215	1.46	0.077527	1.89	0.054336	1.08	0.818185	1.36	0.281364
0.265131	-67.79	0.267754	-58.35	0.268186	-149.82	0.266374	-59.40	0.268321
0.591961	1.63	0.929351	1.75	0.796226	1.08	0.662214	1.09	0.675843
0.003506	-4.00	0.001712	-3.23	0.002716	-5.62	0.001178	-4.87	0.001053
0.372085	-1.50	0.367531	-1.55	0.361595	-3.07	0.292356	-3.66	0.282361
0.921358	1.13	0.710862	1.40	0.899867	-1.08	0.611453	-1.54	0.500131
0.049065	-1.14	0.901468	-1.12	0.521916	-2.56	0.010440	-3.08	0.038595
0.026820	-5.09	0.034045	-1.54	0.191703	2.63	0.016829	16.44	0.052323
0.334990	-1000.68	0.335109	-677.33	0.335184	-386.90	0.335360	-165.82	0.335981

0.137433	-2.51	0.169497	-3.46	0.115338	-1.31	0.407751	-6.90	0.081341
0.214941	-351.64	0.215125	-388.45	0.215014	-155.75	0.215724	-234.69	0.215377
0.040167	-3.99	0.027408	-7.17	0.016676	-4.16	0.030239	-9.77	0.014757
0.016094	-212.86	0.016255	-109.09	0.016494	-215.60	0.016276	-92.40	0.016649
0.156023	-32.76	0.152055	-21.67	0.156518	-6.93	0.182716	-19.26	0.158919
0.001825	-4.21	0.001426	-3.57	0.001853	-2.09	0.008508	1.11	0.557034
0.224521	-908.09	0.224597	-466.13	0.224781	-319.26	0.224991	-233.89	0.225218
0.606703	1.08	0.581930	-1.16	0.532171	-5.11	0.324406	-4.10	0.339757
0.213067	-797.30	0.213311	-539.66	0.213444	-308.26	0.213758	-132.12	0.214864
0.694813	1.35	0.624066	1.39	0.702412	-1.95	0.294123	-2.45	0.265776
0.954292	1.67	0.339943	1.15	0.816734	-1.96	0.212052	-2.32	0.207086
0.355762	-6.16	0.373308	-5.40	0.377154	-1.13	0.502455	1.39	0.621583
0.307928	-1.48	0.206109	-2.50	0.091506	-3.31	0.070384	-1.11	0.766294
0.098838	-2.51	0.070179	-2.32	0.087781	1.25	0.768161	-1.74	0.134012
0.228623	-3.38	0.203710	-5.48	0.178913	-3.14	0.211433	-2.89	0.217258
0.723144	1.52	0.888063	-1.06	0.556472	-1.35	0.465567	1.75	0.955129
0.074822	-1.43	0.280977	-5.18	0.029179	-5.78	0.019632	-2.64	0.055548
0.356695	1.15	0.844676	1.03	0.867984	-1.09	0.583868	1.05	0.908452
0.017044	-23.19	0.018680	-9.09	0.023388	-1.51	0.189761	-3.62	0.047291
0.000519	6.00	0.010607	3.68	0.015499	1.16	0.782642	-1.07	0.690600
0.193634	-64.63	0.192890	-116.10	0.192522	-158.10	0.190804	-32.57	0.196529
0.324001	-46.79	0.327693	-32.90	0.328817	-120.63	0.324471	-51.30	0.326261
0.016209	-32.68	0.017905	-41.68	0.017428	-116.24	0.016467	-92.40	0.016649
0.245479	-1.33	0.239903	-1.60	0.108447	-1.34	0.210494	-1.22	0.345807
0.342963	1.33	0.307446	1.60	0.085061	1.34	0.271882	1.22	0.511250
0.171519	-2.42	0.050084	-2.40	0.052679	-2.60	0.046265	-2.55	0.072467
0.247120	-1.78	0.268530	-2.23	0.191782	-3.48	0.126616	-2.43	0.174048
0.156641	-1.28	0.595633	-1.57	0.232769	-2.67	0.082247	-2.96	0.100109