

NAME	SIZE	ES	NES	NOM p-val	FDR q-val	FWER p-val
REACTOME	125	-0.55655	-2.74025	0	0	0
SOTIRIOU_	145	-0.52566	-2.64629	0	0	0
REACTOME	94	-0.56226	-2.62514	0	0	0
REACTOME	36	-0.66227	-2.52258	0	0	0
REACTOME	49	-0.60874	-2.48902	0	0	0
KEGG_SPLI	115	-0.514	-2.48888	0	0	0
REACTOME	95	-0.51238	-2.42643	0	0	0
LIN_MELAN	65	-0.56022	-2.41519	0	0	0
REACTOME	121	-0.49356	-2.40155	0	0	0
KANG_DOX	51	-0.57719	-2.39718	0	0	0
REACTOME	301	-0.42857	-2.37088	0	6.02E-05	0.001
MANALO_H	278	-0.43355	-2.36015	0	1.11E-04	0.002
EGUCHI_CE	19	-0.72905	-2.35963	0	1.02E-04	0.002
STARK_HYF	17	-0.73707	-2.34288	0	9.48E-05	0.002
REACTOME	155	-0.46201	-2.33805	0	8.85E-05	0.002
REACTOME	139	-0.47237	-2.33558	0	8.30E-05	0.002
GRAHAM_I	85	-0.50259	-2.3004	0	1.56E-04	0.004
ROSTY_CEF	138	-0.46774	-2.28621	0	1.84E-04	0.005
REACTOME	102	-0.48181	-2.28599	0	1.75E-04	0.005
REACTOME	76	-0.50154	-2.26759	0	2.98E-04	0.009
REACTOME	89	-0.49507	-2.25798	0	3.76E-04	0.012
REN_BOUN	47	-0.558	-2.24647	0	4.19E-04	0.014
GRAHAM_C	176	-0.44021	-2.24629	0	4.01E-04	0.014
REACTOME	31	-0.61084	-2.23804	0	4.12E-04	0.015
REACTOME	31	-0.60372	-2.21814	0	4.23E-04	0.016
CROONQUI	80	-0.48068	-2.21813	0	4.07E-04	0.016
BLUM_RES	323	-0.39737	-2.21595	0	4.16E-04	0.017
REACTOME	102	-0.47113	-2.2098	0	4.49E-04	0.019
ELVIDGE_H	65	-0.51089	-2.20581	0	4.34E-04	0.019
REACTOME	20	-0.66605	-2.20379	0	4.41E-04	0.02
ELVIDGE_H	57	-0.5072	-2.18638	0	5.53E-04	0.026
REACTOME	29	-0.60805	-2.18269	0	5.36E-04	0.026
KORKOLA_	20	-0.67423	-2.18258	0	5.20E-04	0.026

MOOTHA_`	15	-0.71281	-2.18246	0	5.04E-04	0.026
ELVIDGE_H	40	-0.55612	-2.17673	0	5.28E-04	0.028
REACTOME	61	-0.50472	-2.16168	0	6.42E-04	0.035
PUJANA_BI	53	-0.52098	-2.15661	0	6.60E-04	0.037
ZHAN_MUI	43	-0.55113	-2.15495	0	6.43E-04	0.037
RICKMAN_`	38	-0.56283	-2.13946	0	8.13E-04	0.048
REACTOME	42	-0.54038	-2.13784	0	8.10E-04	0.048
AMUNDSO	36	-0.56231	-2.13397	0	8.06E-04	0.049
REACTOME	30	-0.59101	-2.13334	0	7.87E-04	0.049
REACTOME	29	-0.59482	-2.1312	0	7.84E-04	0.05
REACTOME	29	-0.59108	-2.13067	0	7.66E-04	0.05
RICKMAN_`	38	-0.56283	-2.11357	0	9.23E-04	0.061
FARMER_B	33	-0.5661	-2.11301	0	9.18E-04	0.062
REACTOME	58	-0.49766	-2.10655	0	0.001022	0.07
REACTOME	38	-0.5507	-2.09497	0	0.001192	0.084
KEGG_OXII	109	-0.4356	-2.09407	0	0.001181	0.085
PUJANA_XI	162	-0.40789	-2.08641	0	0.001302	0.095
REACTOME	140	-0.42067	-2.07335	0	0.001509	0.111
WHITEFOR	92	-0.43882	-2.06715	0	0.001555	0.116
REACTOME	21	-0.62557	-2.06127	0	0.001688	0.127
REACTOME	37	-0.55281	-2.05606	0	0.001755	0.135
LEE_EARLY_	80	-0.47016	-2.05472	0	0.001782	0.14
REACTOME	110	-0.43298	-2.05446	0	0.00175	0.14
LI_WILMS_	156	-0.40357	-2.05028	0	0.001778	0.144
REACTOME	18	-0.64895	-2.04005	0	0.002031	0.166
FRASOR_RI	42	-0.52092	-2.03466	0.002532	0.002207	0.184
REACTOME	32	-0.55064	-2.03404	0	0.00218	0.184
REACTOME	90	-0.43535	-2.0299	0	0.002274	0.194
FUJII_YBX1	137	-0.4055	-2.02603	0	0.002332	0.201
GARGALOV	52	-0.48985	-2.02461	0	0.002377	0.207
REACTOME	40	-0.52033	-2.02326	0	0.00237	0.21
FINETTI_BF	15	-0.67495	-2.02309	0.004444	0.002344	0.211
REACTOME	30	-0.54995	-2.02175	0.00241	0.002358	0.214
REACTOME	28	-0.55935	-2.01422	0	0.00251	0.23

KEGG_PAR	104	-0.42296	-2.01306	0	0.002511	0.233
REACTOME	19	-0.62578	-2.00953	0	0.00261	0.246
FINETTI_BF	15	-0.67495	-1.99812	0.002404	0.002949	0.28
PUJANA_BI	405	-0.35041	-1.99543	0	0.003056	0.292
REACTOME	63	-0.46302	-1.9845	0	0.003533	0.33
REACTOME	88	-0.43103	-1.97853	0	0.003784	0.351
KEGG_HUN	160	-0.38861	-1.97728	0	0.00375	0.353
ELVIDGE_H	138	-0.39125	-1.96956	0	0.003964	0.367
MOOTHA_'	77	-0.44011	-1.96424	0	0.00411	0.379
REACTOME	43	-0.49137	-1.9545	0.002571	0.004482	0.408
WONG_EV	328	-0.34703	-1.94062	0	0.005108	0.455
REACTOME	31	-0.53034	-1.93899	0.002475	0.005135	0.464
MUELLER_I	290	-0.35169	-1.93722	0	0.005203	0.471
KEGG_AMI	41	-0.48037	-1.92455	0	0.005764	0.514
REACTOME	71	-0.43518	-1.92331	0	0.005766	0.519
REACTOME	191	-0.36906	-1.9215	0	0.005791	0.523
SHEDDEN_	442	-0.33228	-1.91905	0	0.005886	0.536
REACTOME	57	-0.45632	-1.91756	0	0.005894	0.542
REACTOME	27	-0.55348	-1.91689	0	0.005841	0.544
TARTE_PLA	298	-0.3465	-1.91213	0	0.006036	0.566
REACTOME	43	-0.4864	-1.90202	0	0.006667	0.608
REACTOME	52	-0.45673	-1.89931	0	0.006753	0.618
KEGG_DNA	36	-0.50588	-1.89736	0	0.006838	0.63
COLDREN_I	81	-0.41848	-1.88472	0	0.007893	0.683
REACTOME	63	-0.43494	-1.87997	0	0.008203	0.7
MOOTHA_I	22	-0.56206	-1.86101	0.002538	0.009678	0.758
PENG_RAP	70	-0.41829	-1.86099	0	0.009575	0.758
REACTOME	47	-0.45246	-1.85953	0	0.00962	0.763
REACTOME	48	-0.45528	-1.84612	0.002564	0.010915	0.811
KEGG_RNA	26	-0.51225	-1.84054	0.00232	0.01143	0.827
REACTOME	22	-0.5553	-1.84044	0.002392	0.01134	0.828
REACTOME	208	-0.34632	-1.82168	0	0.013309	0.874
REACTOME	101	-0.38631	-1.82098	0.002899	0.013282	0.879
PUJANA_BI	91	-0.39065	-1.82039	0	0.013235	0.882

REACTOME	17	-0.59264	-1.81667	0.016204	0.013573	0.892
HOFFMANI	92	-0.38917	-1.81459	0	0.013709	0.897
MITSIADES	237	-0.33632	-1.81296	0	0.013735	0.901
CROONQUI	62	-0.41616	-1.81005	0.002584	0.01388	0.904
NIKOLSKY_	116	-0.36857	-1.80708	0	0.014158	0.91
ZHAN_VAR	27	-0.5141	-1.80592	0	0.014197	0.912
KEGG_CELL	122	-0.37333	-1.80224	0	0.014539	0.918
SCIAN_CEL	22	-0.54704	-1.79989	0.004963	0.014719	0.918
BIDUS_ME	202	-0.34068	-1.79619	0	0.015053	0.923
MOOTHA_I	411	-0.31083	-1.79499	0	0.015152	0.927
PAL_PRMT	178	-0.34692	-1.7912	0	0.01558	0.935
MISSIAGLI	93	-0.39019	-1.78953	0	0.015646	0.936
REACTOME	25	-0.50861	-1.77834	0.005038	0.017101	0.95
REACTOME	33	-0.47417	-1.7731	0.002597	0.017699	0.955
REACTOME	118	-0.36427	-1.77263	0	0.017644	0.955
NADERI_BF	36	-0.46775	-1.77118	0.0025	0.017696	0.956
KAUFFMAN	125	-0.36284	-1.77109	0	0.017557	0.956
MOLENAAF	55	-0.4233	-1.77053	0	0.017459	0.956
WONG_MI	203	-0.33789	-1.76697	0	0.017833	0.961
YAO_TEMP	153	-0.34597	-1.76469	0	0.017983	0.962
WALLACE_	21	-0.53721	-1.76175	0.009828	0.018309	0.968
FERREIRA_I	146	-0.34992	-1.76153	0	0.018214	0.969
REACTOME	21	-0.5219	-1.76146	0	0.018077	0.969
REACTOME	179	-0.33964	-1.75643	0	0.018725	0.975
REACTOME	52	-0.41598	-1.75078	0.002445	0.019427	0.977
KOBAYASH	242	-0.32363	-1.7462	0	0.020124	0.983
REACTOME	82	-0.38457	-1.74591	0	0.019998	0.983
TOYOTA_T	430	-0.30858	-1.74281	0	0.020352	0.983
CHEMNITZ	133	-0.35172	-1.74009	0	0.020682	0.985
REACTOME	46	-0.43664	-1.73852	0.013158	0.020835	0.986
KEGG_RNA	57	-0.41392	-1.73289	0.0025	0.021616	0.987
REACTOME	20	-0.52728	-1.72663	0.004525	0.022657	0.992
REACTOME	58	-0.40167	-1.72541	0	0.022688	0.992
BOYVAULT_I	186	-0.32474	-1.71045	0	0.025317	0.996

RHODES_U	59	-0.39453	-1.69621	0.002415	0.028466	0.997
WINNEPEN	160	-0.33364	-1.69509	0	0.028533	0.998
REACTOME	174	-0.33115	-1.69495	0	0.028349	0.998
NIKOLSKY_	24	-0.50634	-1.69325	0.015228	0.028544	0.998
REACTOME	15	-0.54133	-1.69227	0.017429	0.028579	0.998
REACTOME	28	-0.46835	-1.68904	0.006881	0.029084	0.998
REACTOME	61	-0.38769	-1.682	0.00554	0.030758	0.999
RORIE_TAR	22	-0.49699	-1.68078	0.011628	0.030873	0.999
SONG_TAR	49	-0.40768	-1.68001	0	0.030818	0.999
MARKEY_R	199	-0.32164	-1.67955	0	0.030697	0.999
REACTOME	46	-0.41999	-1.66053	0.005319	0.035689	1
PYEON_HP	85	-0.36185	-1.65934	0.005319	0.035764	1
REACTOME	70	-0.37673	-1.65815	0	0.035903	1
RHODES_C	54	-0.38774	-1.65779	0.007444	0.035746	1
REACTOME	81	-0.36287	-1.64988	0.00565	0.037785	1
REACTOME	46	-0.41111	-1.64688	0	0.038371	1
KEGG_PRO	44	-0.41485	-1.64573	0.015152	0.038395	1
MORI_IMV	51	-0.40186	-1.64445	0.005236	0.038608	1
RASHI_RES	42	-0.41317	-1.63846	0.007979	0.040157	1
NAKAYAM/	72	-0.36398	-1.63374	0	0.041363	1
MOOTHA_I	430	-0.28515	-1.62534	0	0.043618	1
WEST_ADR	282	-0.29614	-1.6246	0	0.043567	1
WU_APOP	37	-0.42788	-1.61988	0.014528	0.044875	1
CHEOK_RE	25	-0.46556	-1.61586	0.023316	0.045887	1
HORIUCHI_	290	-0.29435	-1.61128	0	0.047216	1
REACTOME	70	-0.36422	-1.59982	0.008287	0.050955	1
DANG_REG	64	-0.37732	-1.59229	0.002488	0.053539	1
LY_AGING_	24	-0.45639	-1.58548	0.020305	0.055972	1
MORI_EML	90	-0.34686	-1.58308	0.003021	0.05671	1
MORI_LAR	51	-0.39142	-1.58277	0.015385	0.056485	1
REACTOME	58	-0.37486	-1.57437	0	0.059632	1
PENG_GLU	84	-0.33829	-1.5739	0.002809	0.05951	1
KEGG_ALZ	150	-0.31412	-1.57221	0	0.059914	1
KEGG_TER	15	-0.51228	-1.56809	0.022831	0.06149	1

WEST_ADR	17	-0.49415	-1.56603	0.034404	0.062003	1
HEDENFALI	28	-0.44484	-1.56228	0.017073	0.063351	1
BENPORAT	40	-0.40213	-1.55801	0.029703	0.065021	1
LEE_META	15	-0.51251	-1.54958	0.0311	0.068575	1
ODONNELL	130	-0.31487	-1.54591	0	0.069861	1
REACTOME	18	-0.49275	-1.54575	0.036952	0.069541	1
BIOCARTA_	18	-0.50972	-1.54529	0.041379	0.06937	1
YU_MYC_T	37	-0.39888	-1.5436	0.02439	0.069819	1
LINDGREN_	322	-0.2752	-1.53803	0	0.072253	1
REACTOME	15	-0.50496	-1.53571	0.045558	0.073232	1
REACTOME	405	-0.26913	-1.52998	0	0.075736	1
REACTOME	18	-0.48533	-1.52941	0.042755	0.075591	1
GINESTIER_	158	-0.30336	-1.52051	0.003247	0.079907	1
FOURNIER_	267	-0.27693	-1.50636	0	0.087572	1
REACTOME	57	-0.35468	-1.50513	0.008043	0.087836	1
BIOCARTA_	15	-0.48021	-1.50372	0.064677	0.088143	1
RHEIN_ALL	353	-0.26493	-1.49911	0	0.090431	1
GUENTHER	21	-0.44732	-1.49439	0.046272	0.092947	1
REACTOME	48	-0.37103	-1.49028	0.021108	0.095137	1
LY_AGING_	15	-0.496	-1.48713	0.0525	0.096657	1
NIKOLSKY_	153	-0.29387	-1.48521	0	0.097427	1
REACTOME	31	-0.40794	-1.48381	0.04359	0.097871	1
CHANG_CY	48	-0.36516	-1.48335	0.027569	0.097665	1
REACTOME	27	-0.41891	-1.47235	0.038462	0.104456	1
NAKAYAMA	86	-0.32297	-1.46981	0.008065	0.105748	1
BOYALT_I	51	-0.36264	-1.46582	0.035443	0.108085	1
STARK_PRE	427	-0.25755	-1.46304	0	0.109608	1
REACTOME	17	-0.46395	-1.46202	0.056471	0.109802	1
BIOCARTA_	24	-0.41719	-1.46135	0.050549	0.109738	1
ZHANG_RE	58	-0.34628	-1.46087	0.035714	0.109563	1
ACEVEDO_	349	-0.25912	-1.46058	0	0.109192	1
SPIELMAN_	460	-0.25389	-1.45726	0	0.110978	1
LY_AGING_	47	-0.35652	-1.45612	0.037333	0.111267	1
HANN_RES	33	-0.38717	-1.45552	0.055072	0.111171	1

BENPORAT	146	-0.29003	-1.45507	0.017857	0.110977	1
KEGG_CITR	30	-0.4004	-1.45373	0.052885	0.11137	1
KAUFFMAN	56	-0.34	-1.44602	0.013477	0.116575	1
HUMMEL_I	40	-0.3744	-1.44511	0.037825	0.116694	1
REACTOME	117	-0.29773	-1.44169	0.011561	0.118634	1
REACTOME	102	-0.30121	-1.42283	0.016393	0.133777	1
WATTEL_A	21	-0.4297	-1.42254	0.084507	0.133365	1
REACTOME	20	-0.43854	-1.42243	0.076566	0.132839	1
TANG_SEN	39	-0.36272	-1.41943	0.051213	0.134721	1
GAUSSMAN	26	-0.40608	-1.41881	0.080189	0.13457	1
DAIRKEE_C	46	-0.3496	-1.40537	0.054124	0.145417	1
STEIN_ESRI	41	-0.35198	-1.40403	0.049875	0.145868	1
CAFFAREL_	25	-0.40949	-1.40251	0.060533	0.146515	1
REACTOME	15	-0.47757	-1.40093	0.089835	0.14743	1
REACTOME	36	-0.3641	-1.40074	0.053846	0.146922	1
SUNG_MET	52	-0.33765	-1.39908	0.034314	0.147919	1
REACTOME	23	-0.418	-1.39672	0.086331	0.149451	1
ZHANG_BR	365	-0.24786	-1.39156	0	0.153489	1
LE_EGR2_T	97	-0.29862	-1.38997	0.022535	0.154328	1
SHEPARD_I	59	-0.32326	-1.38674	0.049261	0.156783	1
MATTIOLI_	102	-0.29171	-1.38392	0.017291	0.158848	1
SLEBOS_HE	75	-0.31216	-1.38157	0.040346	0.160242	1
FOURNIER_	21	-0.41442	-1.3798	0.100218	0.161386	1
GEORGES_I	58	-0.31799	-1.37776	0.053708	0.162713	1
REACTOME	107	-0.28981	-1.37672	0.035813	0.163054	1
CAFFAREL_	48	-0.33776	-1.3723	0.047619	0.166773	1
MCCLUNG_	40	-0.35309	-1.37194	0.057416	0.166375	1
REACTOME	48	-0.34055	-1.37147	0.061625	0.166207	1
REACTOME	18	-0.4346	-1.37115	0.099515	0.165803	1
BIOCARTA_	19	-0.42653	-1.37035	0.099548	0.165904	1
REACTOME	21	-0.41378	-1.36945	0.101205	0.166128	1
REACTOME	18	-0.43028	-1.36931	0.087167	0.165591	1
WONG_PRI	46	-0.34491	-1.3693	0.057221	0.164889	1
STEIN_ESRI	373	-0.24326	-1.36755	0.00431	0.165955	1

MORI_MA1	55	-0.32077	-1.358	0.06599	0.175263	1
CHANG_CC	68	-0.3063	-1.35511	0.036269	0.177524	1
MENSSEN_	16	-0.44033	-1.35207	0.104651	0.180061	1
BILD_E2F3_	223	-0.24967	-1.34972	0.006969	0.181859	1
CHIANG_LI'	155	-0.26919	-1.34942	0.022082	0.18143	1
RAMASWA	60	-0.3131	-1.34134	0.046997	0.18975	1
MCCLUNG_	44	-0.33897	-1.34001	0.077108	0.190437	1
REACTOME	15	-0.44581	-1.33689	0.126829	0.193337	1
DEBIASI_AF	222	-0.25485	-1.33364	0.023026	0.196325	1
CHARAFE_I	351	-0.23951	-1.33323	0	0.195993	1
REACTOME	17	-0.43707	-1.33035	0.128806	0.198732	1
GARY_CD5_	408	-0.23552	-1.33031	0.004016	0.197981	1
BIOCARTA_	33	-0.36143	-1.33008	0.106383	0.197462	1
GARCIA_TA	146	-0.26412	-1.33001	0.009434	0.19674	1
REACTOME	30	-0.36343	-1.32841	0.104167	0.197813	1
GAZDA_DI/	61	-0.30781	-1.32792	0.070461	0.197618	1
ODONNELL	43	-0.3368	-1.32707	0.087766	0.197815	1
NIKOLSKY_	128	-0.26759	-1.3266	0.040698	0.19759	1
KEGG_OOC	111	-0.27794	-1.32466	0.038576	0.199153	1
GRADE_CO	214	-0.2524	-1.3234	0.02069	0.199957	1
REACTOME	39	-0.34065	-1.32031	0.107769	0.20284	1
REACTOME	27	-0.36733	-1.31877	0.109453	0.203999	1
CONCANN	160	-0.25708	-1.31672	0.027108	0.205691	1
FARMER_B	16	-0.41737	-1.3136	0.125296	0.208714	1
CERVERA_Š	33	-0.35598	-1.31273	0.109948	0.208949	1
BENPORAT	372	-0.22953	-1.31149	0.004329	0.209664	1
HEIDENBLA	27	-0.3733	-1.3094	0.120192	0.21139	1
REACTOME	42	-0.33417	-1.30738	0.084337	0.213212	1
NIKOLSKY_	38	-0.33018	-1.30564	0.111386	0.214583	1
CHOI_ATL_	33	-0.34484	-1.30539	0.106635	0.214103	1
REACTOME	15	-0.43088	-1.30465	0.14128	0.214176	1
KEGG_MISI	23	-0.37812	-1.29573	0.124694	0.224798	1
SU_TESTIS	75	-0.28785	-1.29037	0.065089	0.231114	1
VANTVEER_	103	-0.27445	-1.28972	0.062323	0.231188	1



KAUFFMAN	201	-0.24722	-1.28933	0.041237	0.230875	1
LOCKWOOI	167	-0.24902	-1.28914	0.031884	0.230245	1
REACTOME	32	-0.35128	-1.28704	0.112245	0.232213	1
REACTOME	160	-0.25642	-1.28606	0.035336	0.232642	1
WELCSH_B	121	-0.26344	-1.27697	0.050147	0.244145	1
CREIGHTON	22	-0.38052	-1.27551	0.15814	0.24532	1
REACTOME	71	-0.29004	-1.27472	0.075145	0.245569	1
CROMER_T	42	-0.32377	-1.26887	0.130542	0.25308	1
REACTOME	15	-0.41691	-1.264	0.156951	0.259331	1
CHEN_NEU	45	-0.31277	-1.25959	0.121655	0.264996	1
BIOCARTA_	22	-0.37876	-1.25951	0.155251	0.264178	1
REACTOME	26	-0.35292	-1.25899	0.159314	0.264071	1
REACTOME	15	-0.42137	-1.25768	0.184685	0.265185	1
VECCHI_GA	400	-0.22263	-1.25389	0.008511	0.270021	1
JAIN_NFKB	71	-0.27863	-1.24928	0.115903	0.2761	1
WEIGEL_O	34	-0.32984	-1.24847	0.141148	0.276352	1
YAO_TEMP	62	-0.28902	-1.24728	0.117808	0.277215	1
MOOTHA_I	323	-0.22331	-1.24473	0.027451	0.280468	1
NIKOLSKY_	91	-0.26968	-1.24345	0.089337	0.281601	1
REACTOME	27	-0.35287	-1.24233	0.157277	0.282348	1
REACTOME	30	-0.34265	-1.24161	0.175711	0.282533	1
RICKMAN_	318	-0.22296	-1.23832	0.023438	0.286859	1
YAO_TEMP	127	-0.25316	-1.23675	0.078125	0.288393	1
BIOCARTA_	18	-0.38651	-1.23209	0.196217	0.294741	1
REACTOME	21	-0.36894	-1.23053	0.181604	0.296208	1
REACTOME	18	-0.3887	-1.22885	0.191943	0.298081	1
MONNIER_	342	-0.22112	-1.2287	0.02381	0.297296	1
BIOCARTA_	15	-0.4104	-1.22496	0.196759	0.302306	1
PELLICCIOT	48	-0.30328	-1.22332	0.145408	0.304016	1
IVANOVA_I	99	-0.2616	-1.22309	0.1	0.30339	1
HOLLMAN_	193	-0.23493	-1.22197	0.068404	0.30428	1
REACTOME	47	-0.30578	-1.22065	0.15869	0.305484	1
REACTOME	23	-0.35375	-1.21752	0.179028	0.309765	1
BOYLAN_M	34	-0.32231	-1.21636	0.167883	0.310758	1

LASTOWSK	169	-0.23573	-1.21591	0.050955	0.310527	1
ROME_INS	50	-0.29764	-1.21067	0.176611	0.318531	1
KEGG_CAR	71	-0.27248	-1.2099	0.133858	0.318872	1
LEE_LIVER_	124	-0.24663	-1.20763	0.096154	0.321875	1
YAO_TEMP	15	-0.40845	-1.20558	0.218225	0.324491	1
BORCZUK_	290	-0.21832	-1.20551	0.050781	0.323591	1
BLALOCK_/	160	-0.23765	-1.20514	0.113269	0.323193	1
WALLACE_	17	-0.3868	-1.20137	0.222727	0.328736	1
CHIANG_LI'	32	-0.32625	-1.20056	0.190931	0.329191	1
FAELT_B_C	46	-0.29713	-1.20012	0.179028	0.328913	1
REACTOME	37	-0.30978	-1.19977	0.17866	0.32854	1
GINESTIER_	305	-0.21845	-1.19748	0.082759	0.331471	1
FERRANDO	75	-0.26719	-1.19153	0.141388	0.341182	1
CHIANG_LI'	134	-0.24062	-1.18896	0.118156	0.344816	1
ODONNELL	21	-0.35871	-1.18861	0.231678	0.344431	1
REACTOME	60	-0.27588	-1.18819	0.153061	0.34413	1
BARIS_THY	19	-0.36318	-1.18455	0.257353	0.349909	1
RIZ_ERYTHI	71	-0.26905	-1.18176	0.171662	0.353988	1
REACTOME	41	-0.29713	-1.16854	0.195122	0.37852	1
KIM_GASTI	94	-0.24913	-1.16669	0.148571	0.381031	1
SHEPARD_(	143	-0.23376	-1.16541	0.14377	0.382378	1
IVANOVA_I	31	-0.31039	-1.16246	0.223919	0.38707	1
FURUKAW/	65	-0.27286	-1.16187	0.176781	0.387026	1
NAKAMUR,	45	-0.29544	-1.15605	0.211401	0.39797	1
BERENJENC	478	-0.20044	-1.15248	0.052885	0.404189	1
BIOCARTA_	16	-0.37797	-1.14823	0.268409	0.412103	1
HOSHIDA_I	111	-0.24154	-1.14744	0.165165	0.412506	1
WILLIAMS_	17	-0.37409	-1.14741	0.28246	0.411322	1
PUIFFE_IN\	77	-0.25601	-1.14669	0.188571	0.41172	1
SHEPARD_I	156	-0.22834	-1.14607	0.173913	0.411861	1
REACTOME	28	-0.31802	-1.14474	0.254279	0.413647	1
REACTOME	16	-0.37979	-1.1443	0.268065	0.413342	1
LIU_CDX2_	35	-0.30077	-1.13822	0.225	0.425032	1
WANG_CIS	131	-0.23001	-1.13577	0.159292	0.429092	1

KEGG_PRO	82	-0.24888	-1.13438	0.185864	0.430837	1
REACTOME	21	-0.33884	-1.13306	0.275862	0.432443	1
CAIRO_HEF	197	-0.21558	-1.13214	0.16443	0.433159	1
KEGG_BASI	33	-0.30082	-1.13083	0.243316	0.434787	1
REACTOME	36	-0.29608	-1.12917	0.271318	0.437317	1
SEIDEN_MI	17	-0.35163	-1.12909	0.264563	0.436233	1
JAZAG_TGF	34	-0.30459	-1.12877	0.297872	0.435655	1
MOREAUX_	43	-0.28348	-1.12691	0.235142	0.43856	1
REACTOME	30	-0.3095	-1.12626	0.3	0.438883	1
CHOW_RA	27	-0.31302	-1.12061	0.296758	0.450436	1
REACTOME	33	-0.30234	-1.11481	0.272727	0.46231	1
FLOTHO_PI	28	-0.30954	-1.11398	0.248244	0.463013	1
HU_ANGIO	29	-0.31011	-1.11171	0.275325	0.466997	1
MEINHOLD	18	-0.35592	-1.11145	0.315534	0.466304	1
BROWNE_I	96	-0.24166	-1.11084	0.254491	0.466428	1
YAO_TEMP	163	-0.21755	-1.1066	0.197531	0.47504	1
WONG_IFN	17	-0.35505	-1.10455	0.313726	0.478558	1
REACTOME	56	-0.26402	-1.10357	0.269841	0.479665	1
SCHLOSSER	155	-0.21764	-1.10224	0.213376	0.481506	1
JEON_SMA	18	-0.34379	-1.10081	0.324074	0.483678	1
SMITH_LIV	31	-0.29749	-1.10047	0.293532	0.483152	1
KEGG_PRO	23	-0.32305	-1.09939	0.291469	0.484417	1
KAYO_AGIN	104	-0.2281	-1.09839	0.26257	0.485335	1
LIN_MELAN	39	-0.28107	-1.09481	0.285347	0.492702	1
REACTOME	358	-0.19401	-1.09348	0.148551	0.494591	1
JAZAERI_BF	45	-0.27346	-1.09343	0.314861	0.493349	1
DAIRKEE_T	320	-0.19383	-1.08897	0.201754	0.503012	1
KRASNOSEI	37	-0.28346	-1.08881	0.30597	0.502057	1
PENG_RAP	37	-0.28418	-1.08792	0.321526	0.502899	1
PUJANA_BI	100	-0.22931	-1.08788	0.259155	0.501641	1
MELLMAN_	45	-0.27147	-1.08699	0.305211	0.502452	1
NIKOLSKY_	17	-0.34334	-1.08571	0.339367	0.504178	1
ZHANG_RE	98	-0.22878	-1.08546	0.260355	0.503504	1
BIOCARTA_	23	-0.31047	-1.08345	0.320093	0.507145	1

VANTVEER_	42	-0.27112	-1.08308	0.323457	0.506645	1
MOREIRA_	24	-0.31213	-1.07783	0.339713	0.518507	1
SIG_INSULI	49	-0.26693	-1.07576	0.306329	0.522247	1
REACTOME	24	-0.3136	-1.07386	0.363218	0.525789	1
RICKMAN_	217	-0.20207	-1.07293	0.260417	0.526671	1
DACOSTA_	23	-0.32449	-1.07165	0.366589	0.528671	1
MARKEY_R	108	-0.22028	-1.06973	0.283747	0.532231	1
CREIGHTON	416	-0.18589	-1.06855	0.2	0.533793	1
KUUSELO_I	23	-0.3136	-1.0663	0.36211	0.538231	1
REACTOME	77	-0.2376	-1.06549	0.309659	0.538926	1
LU_AGING_	145	-0.20999	-1.0652	0.292398	0.538238	1
SCHLOSSER	102	-0.22361	-1.06489	0.328652	0.537626	1
ALCALAY_A	178	-0.20653	-1.06437	0.2589	0.537656	1
BROWNE_I	220	-0.20068	-1.06424	0.263844	0.536647	1
KAYO_AGIN	189	-0.20431	-1.06143	0.282828	0.542716	1
NUTT_GBN	43	-0.26692	-1.06077	0.369898	0.542987	1
APPIERTO_	38	-0.27281	-1.06016	0.353808	0.54319	1
KEGG_ONE	16	-0.34103	-1.05692	0.36689	0.550231	1
KEGG_PUR	152	-0.2078	-1.04893	0.33119	0.570025	1
MODY_HIP	27	-0.29585	-1.0489	0.383495	0.568688	1
KEGG_HIST	29	-0.29502	-1.0483	0.350711	0.568922	1
LIU_SOX4_	296	-0.19164	-1.04824	0.304196	0.567644	1
AMUNDSO	85	-0.22992	-1.04791	0.355844	0.567073	1
SMID_BRE/	159	-0.20728	-1.04749	0.340836	0.566748	1
BIOCARTA_	33	-0.27866	-1.04431	0.365482	0.574123	1
SHEDDEN_	61	-0.23865	-1.04281	0.34903	0.576825	1
NIKOLSKY_	21	-0.32102	-1.04239	0.400463	0.576526	1
REACTOME	128	-0.21463	-1.0409	0.371191	0.579012	1
PENG_LEU/	50	-0.24988	-1.0406	0.382813	0.578366	1
WAKASUGI	55	-0.24594	-1.04021	0.36911	0.577887	1
GAZDA_DI/	36	-0.26625	-1.03925	0.405128	0.579145	1
YAO_TEMP	92	-0.22461	-1.03851	0.357542	0.579671	1
BOYLAN_M	26	-0.29455	-1.02942	0.397059	0.603121	1
BOYALT_I	26	-0.29428	-1.02872	0.395181	0.603561	1

KEGG_NUC	44	-0.25674	-1.02869	0.424691	0.602177	1
BIOCARTA_	21	-0.31368	-1.02547	0.397229	0.609569	1
DACOSTA_	297	-0.18523	-1.02499	0.369004	0.609409	1
YOSHIOKA_	32	-0.27561	-1.02471	0.4	0.608684	1
GRAHAM_	83	-0.22459	-1.02396	0.4	0.609228	1
KEGG_PRO	23	-0.30506	-1.02076	0.426914	0.616654	1
DANG_MY	124	-0.20837	-1.02072	0.412104	0.615282	1
KEGG_PYRI	92	-0.22085	-1.01942	0.419718	0.617538	1
MATTIOLI_	15	-0.33315	-1.01904	0.435185	0.617129	1
REACTOME	15	-0.336	-1.01803	0.418605	0.618408	1
TONG_INTI	55	-0.2417	-1.01525	0.407407	0.624456	1
AGUIRRE_F	287	-0.18674	-1.01511	0.374046	0.623373	1
BIOCARTA_	27	-0.28282	-1.01225	0.415385	0.629753	1
BIOCARTA_	32	-0.27576	-1.01181	0.437666	0.629494	1
HASLINGER	16	-0.33063	-1.01106	0.445652	0.630062	1
LIU_PROST	90	-0.21747	-1.00988	0.429348	0.631813	1
SCHUHMA	67	-0.23023	-1.0087	0.4375	0.633431	1
BOYALT_I	45	-0.25369	-1.00865	0.443099	0.63212	1
LIANG_HEN	36	-0.26276	-1.00821	0.417303	0.631855	1
MAYBURD_	50	-0.24354	-1.00781	0.462366	0.631507	1
KEGG_HON	28	-0.28789	-1.00758	0.448687	0.630658	1
REACTOME	32	-0.27285	-1.00635	0.436364	0.632651	1
SAKAI_TUN	79	-0.22014	-1.00589	0.452247	0.632404	1
REACTOME	29	-0.27636	-1.00543	0.418719	0.632269	1
KEGG_ARG	53	-0.24518	-1.00518	0.420103	0.63159	1
JAERVINEN	39	-0.25918	-1.00514	0.449383	0.630245	1
JIANG_VHL	91	-0.21639	-1.00505	0.439353	0.62904	1
HOFFMANI	38	-0.26461	-1.0049	0.421717	0.628039	1
TSENG_IRS	99	-0.21079	-1.00448	0.439528	0.62766	1
DOUGLAS_	500	-0.17373	-1.00309	0.426009	0.630017	1
MARTORIA	76	-0.2175	-1.00284	0.447917	0.629337	1
KEGG_TAS	50	-0.2446	-1.00068	0.443099	0.633966	1
KEGG_VALI	43	-0.25316	-0.99918	0.427184	0.636684	1
SA_CASPAS	15	-0.33387	-0.99849	0.454545	0.637159	1

KEGG_SYST	117	-0.20819	-0.99737	0.457317	0.638757	1
MOREAUX_	124	-0.19944	-0.99648	0.48	0.639657	1
MODY_HIP	22	-0.29086	-0.99216	0.468031	0.650136	1
SHEN_SMA	406	-0.17548	-0.99121	0.471963	0.651283	1
STARK_HYF	41	-0.25572	-0.99018	0.460274	0.65267	1
KEGG_INO	54	-0.23426	-0.98645	0.493188	0.661685	1
BASSO_B_I	133	-0.19952	-0.98488	0.504532	0.664579	1
GENTILE_U	29	-0.27423	-0.98429	0.453725	0.664791	1
CHAUHAN_	47	-0.24482	-0.98409	0.482927	0.6639	1
GRADE_CO	28	-0.27375	-0.98146	0.470588	0.669684	1
PYEON_CA	171	-0.19042	-0.98051	0.485714	0.670813	1
TCGA_GLIC	29	-0.26996	-0.98009	0.471744	0.670392	1
KAAB_FAIL	40	-0.24954	-0.97879	0.48062	0.672537	1
KIM_MYC_	155	-0.19434	-0.97482	0.523511	0.682087	1
WANG_RES	28	-0.27061	-0.97071	0.5	0.692038	1
XU_HGF_T	17	-0.30937	-0.96829	0.5	0.697423	1
REACTOME	42	-0.24383	-0.96823	0.534527	0.696069	1
CHEOK_RE	17	-0.31718	-0.96774	0.521028	0.695943	1
MARTORIA	252	-0.17733	-0.96345	0.57483	0.706428	1
GOUYER_T	17	-0.30541	-0.96302	0.538265	0.70616	1
RICKMAN_	91	-0.2094	-0.9621	0.571831	0.707266	1
BANDRES_I	132	-0.19409	-0.95939	0.550315	0.713254	1
PRAMOON	49	-0.23444	-0.9559	0.538462	0.721248	1
BIOCARTA_	21	-0.29595	-0.95465	0.532637	0.723259	1
SESTO_RES	19	-0.29699	-0.95087	0.532067	0.731972	1
YAO_TEMP	30	-0.25974	-0.95036	0.544776	0.731857	1
JIANG_HYP	21	-0.28867	-0.95007	0.543062	0.73109	1
KEGG_FAT	41	-0.2455	-0.94923	0.553616	0.731951	1
PELLICCIOT	62	-0.2187	-0.94869	0.508108	0.73187	1
PROVENZA	186	-0.18281	-0.94535	0.638037	0.73967	1
BIOCARTA_	18	-0.29893	-0.94034	0.521531	0.751735	1
ACEVEDO_	110	-0.19626	-0.94026	0.625	0.750362	1
VERNELL_R	39	-0.24262	-0.93713	0.562176	0.75738	1
ROME_INS	92	-0.20135	-0.93703	0.598901	0.756103	1

CHEOK_REI	19	-0.29726	-0.9356	0.523227	0.758286	1
KEGG_REG	32	-0.2546	-0.93512	0.554124	0.757993	1
REACTOME	19	-0.29292	-0.93403	0.561611	0.759417	1
CROMER_M	48	-0.2285	-0.93217	0.594724	0.762854	1
BIOCARTA_	21	-0.28022	-0.93055	0.587156	0.765602	1
CHENG_IM	105	-0.19353	-0.92995	0.593583	0.765634	1
SHARMA_F	24	-0.27509	-0.92888	0.592342	0.76686	1
REACTOME	59	-0.22103	-0.92801	0.61244	0.767632	1
SABATES_C	20	-0.2827	-0.92513	0.556098	0.77367	1
GRADE_ME	43	-0.23279	-0.92451	0.580808	0.773796	1
MARTINEZ_	213	-0.17625	-0.92127	0.690972	0.781158	1
XU_GH1_EI	46	-0.2246	-0.92071	0.59204	0.781077	1
BIOCARTA_	27	-0.25524	-0.91889	0.585366	0.784341	1
REACTOME	34	-0.24481	-0.9183	0.573265	0.784315	1
TAKAO_REI	88	-0.19876	-0.9182	0.642276	0.782976	1
BROWNE_I	241	-0.17081	-0.91343	0.754153	0.794052	1
VALK_AML	26	-0.26026	-0.91104	0.580723	0.798889	1
BIOCARTA_	28	-0.25269	-0.91069	0.62093	0.798183	1
UEDA_CEN	83	-0.19514	-0.90873	0.67027	0.801738	1
LIN_NPAS4	126	-0.18642	-0.90655	0.710526	0.805758	1
DAIRKEE_C	110	-0.19005	-0.90623	0.684211	0.804883	1
ZHAN_MUI	28	-0.25149	-0.90368	0.585678	0.80979	1
BANDRES_I	17	-0.29277	-0.90298	0.574468	0.809947	1
GOLUB_ALI	19	-0.28224	-0.90259	0.624402	0.809351	1
REACTOME	34	-0.24066	-0.9005	0.620525	0.812969	1
REACTOME	26	-0.25276	-0.89921	0.643564	0.814668	1
REACTOME	68	-0.20559	-0.89811	0.650754	0.815767	1
KEGG_ALAI	31	-0.24509	-0.89768	0.623288	0.815171	1
KEGG_LYSII	44	-0.22206	-0.89483	0.65	0.820581	1
KEGG_GLYC	16	-0.28861	-0.89481	0.610723	0.818989	1
ST_PHOSPH	33	-0.23901	-0.89453	0.650386	0.818037	1
SMID_BREI	17	-0.28739	-0.89427	0.590047	0.817099	1
WEST_ADR	20	-0.27024	-0.89327	0.621749	0.817995	1
BIOCARTA_	21	-0.26955	-0.88581	0.6075	0.834805	1

SCHLOSSER	46	-0.21844	-0.88506	0.662404	0.834972	1
TANAKA_M	98	-0.18614	-0.88471	0.724638	0.834204	1
HASLINGER	15	-0.29243	-0.88285	0.637387	0.837081	1
ASGHARZA	34	-0.23157	-0.87976	0.673171	0.842713	1
PODAR_RE	18	-0.27893	-0.87641	0.652381	0.849027	1
BIOCARTA_	22	-0.26082	-0.87596	0.668269	0.848467	1
LASTOWSK	38	-0.22444	-0.87537	0.666667	0.848205	1
BONOME_I	20	-0.26702	-0.87435	0.626126	0.84891	1
REACTOME	20	-0.27267	-0.8738	0.640898	0.848562	1
GAZDA_DI/	28	-0.24341	-0.87054	0.661578	0.854383	1
MCCABE_H	21	-0.26466	-0.86813	0.664336	0.858165	1
BIOCARTA_	27	-0.24706	-0.86613	0.68	0.861074	1
RIGGINS_T,	64	-0.19875	-0.86593	0.759669	0.859864	1
LIANG_HEN	42	-0.22246	-0.86496	0.720627	0.860367	1
KEGG_RIBC	16	-0.28643	-0.86269	0.661215	0.863768	1
BIOCARTA_	51	-0.2084	-0.86126	0.735294	0.865302	1
AGUIRRE_F	220	-0.16132	-0.86112	0.855306	0.863961	1
BACOLOD_	42	-0.21778	-0.85975	0.716495	0.865322	1
REACTOME	21	-0.25528	-0.85872	0.670886	0.865846	1
KEGG_BUT,	34	-0.22473	-0.85865	0.67801	0.864347	1
KEGG_BAS,	34	-0.23271	-0.85814	0.704388	0.863836	1
FERRANDO	15	-0.27972	-0.85708	0.661098	0.864382	1
GAJATE_RE	16	-0.28138	-0.85468	0.637387	0.867748	1
HUANG_D/	57	-0.20117	-0.85439	0.76455	0.866757	1
HONMA_D	31	-0.23166	-0.85336	0.687961	0.867295	1
CHESLER_B	62	-0.1967	-0.84463	0.761039	0.883631	1
SYED_ESTR	18	-0.26471	-0.84315	0.683951	0.884988	1
KEGG_GLYC	25	-0.24424	-0.84184	0.706311	0.886053	1
WEBER_MI	15	-0.28312	-0.8404	0.666667	0.887226	1
BIOCARTA_	42	-0.21248	-0.83743	0.759494	0.891315	1
MOOTHA_I	19	-0.25497	-0.83742	0.709091	0.889681	1
BEIER_GLIC	36	-0.21834	-0.83706	0.738499	0.888718	1
HOSHIDA_I	65	-0.18929	-0.8344	0.803371	0.892287	1
SMID_BRE/	37	-0.21771	-0.83302	0.744472	0.893222	1



BERNARD_	35	-0.21471	-0.8287	0.74813	0.8998	1
LIU_COMM	41	-0.2068	-0.82389	0.752551	0.907037	1
SPIRA_SMC	19	-0.25527	-0.8236	0.716346	0.90587	1
REN_ALVEC	95	-0.17663	-0.82336	0.867435	0.904633	1
BIOCARTA_	28	-0.22563	-0.82189	0.763547	0.905763	1
REACTOME	29	-0.22774	-0.82004	0.760599	0.907365	1
LIN_APC_T.	50	-0.19637	-0.81452	0.820896	0.915412	1
DING_LUN	92	-0.17195	-0.80974	0.871795	0.922	1
REACTOME	25	-0.22414	-0.80779	0.77327	0.923693	1
GENTILE_R	44	-0.19862	-0.8077	0.813843	0.922152	1
BIOCARTA_	15	-0.26798	-0.80625	0.73523	0.922982	1
NOUZOVA_	131	-0.16204	-0.80443	0.91716	0.924302	1
BIOCARTA_	25	-0.23271	-0.80063	0.775	0.928815	1
REACTOME	16	-0.26197	-0.79587	0.758389	0.934598	1
BIOCARTA_	26	-0.23028	-0.79431	0.785894	0.935479	1
REACTOME	24	-0.22723	-0.79056	0.761488	0.939479	1
REACTOME	26	-0.22181	-0.78419	0.776961	0.946936	1
GALLUZZI_I	38	-0.20184	-0.78411	0.838542	0.945353	1
FRASOR_RI	20	-0.23915	-0.78309	0.772622	0.945162	1
LUCAS_HNI	50	-0.19174	-0.77754	0.859903	0.951262	1
RIZ_ERYTHI	38	-0.20262	-0.7759	0.838095	0.951717	1
BIOCARTA_	34	-0.20614	-0.77376	0.84901	0.952932	1
BIOCARTA_	27	-0.22081	-0.76979	0.824607	0.956673	1
ZHAN_EAR	37	-0.20016	-0.76965	0.85122	0.955162	1
BROWNE_I	149	-0.15227	-0.7609	0.975936	0.964559	1
YAO_TEMP	63	-0.17783	-0.76063	0.898907	0.963227	1
BIOCARTA_	19	-0.23625	-0.75748	0.781182	0.965276	1
REACTOME	28	-0.21269	-0.75352	0.856796	0.968277	1
REACTOME	82	-0.16467	-0.74926	0.941177	0.971423	1
REACTOME	28	-0.20616	-0.74662	0.873737	0.972728	1
LAIHO_COL	77	-0.16514	-0.74634	0.938503	0.971314	1
LI_WILMS_	26	-0.20933	-0.74124	0.853904	0.975006	1
REACTOME	17	-0.23472	-0.74001	0.835648	0.974592	1
CAIRO_HEF	16	-0.24295	-0.73823	0.831754	0.974785	1

SCHLESING	22	-0.22304	-0.73696	0.862981	0.974453	1
BIOCARTA_	19	-0.22816	-0.72798	0.845209	0.981482	1
REACTOME	18	-0.22936	-0.72563	0.84949	0.981931	1
CAFFAREL_	25	-0.20734	-0.72557	0.881549	0.980282	1
FAELT_B_C	43	-0.18311	-0.72413	0.916667	0.979952	1
HANN_RES	45	-0.18461	-0.72057	0.908163	0.981477	1
REACTOME	16	-0.23624	-0.71615	0.859189	0.983611	1
CHANG_IM	15	-0.23518	-0.7144	0.85814	0.983431	1
BIOCARTA_	16	-0.23368	-0.70756	0.876623	0.987361	1
REACTOME	33	-0.18762	-0.70231	0.944724	0.98983	1
KEGG_BET/	22	-0.20504	-0.70108	0.899244	0.989023	1
REACTOME	23	-0.20139	-0.70067	0.877359	0.987647	1
LEE_LIVER_	68	-0.15955	-0.69717	0.954667	0.988651	1
LIANG_HEN	32	-0.18867	-0.69546	0.9275	0.988198	1
ZHONG_RE	67	-0.15641	-0.68837	0.98645	0.991458	1
OZEN_MIR	15	-0.22809	-0.68728	0.898455	0.990489	1
REACTOME	31	-0.18932	-0.68052	0.916067	0.993309	1
PIEPOLI_LG	15	-0.22695	-0.67798	0.877193	0.993168	1
REACTOME	15	-0.22516	-0.6779	0.892135	0.991556	1
KAAB_FAIL	36	-0.18184	-0.67563	0.943878	0.991242	1
REACTOME	47	-0.16755	-0.67332	0.97	0.99087	1
HOEBEKE_I	87	-0.15008	-0.67312	0.994505	0.989339	1
REACTOME	26	-0.19181	-0.67134	0.916667	0.988734	1
KEGG_FRU	33	-0.17707	-0.67119	0.929782	0.98717	1
REACTOME	39	-0.17166	-0.66953	0.960396	0.986479	1
REACTOME	27	-0.18832	-0.66806	0.938967	0.985634	1
MOOTHA_I	21	-0.20145	-0.65852	0.924574	0.989001	1
REACTOME	30	-0.18475	-0.6566	0.96401	0.988332	1
KAYO_CALC	65	-0.1498	-0.64832	0.992611	0.990542	1
VANTVEER_	38	-0.16438	-0.63133	0.970223	0.995842	1
TOMIDA_M	19	-0.1933	-0.62626	0.942094	0.996048	1
BIOCARTA_	27	-0.17667	-0.62464	0.956204	0.994996	1
BANDRES_I	25	-0.17806	-0.61664	0.967901	0.996056	1
GAUSSMAN	29	-0.17063	-0.61381	0.975186	0.995318	1

BIOCARTA_	17	-0.19563	-0.59901	0.948478	0.997857	1
KEGG_PHO	76	-0.13483	-0.59624	0.997348	0.996946	1
REACTOME	21	-0.17508	-0.58869	0.97561	0.997176	1
YANG_BRE	28	-0.15836	-0.57127	0.989822	0.999065	1
REACTOME	25	-0.16504	-0.56502	0.98533	0.998527	1
GARGALOV	24	-0.16474	-0.56388	0.98801	0.997077	1
REACTOME	28	-0.15144	-0.54741	0.981221	0.997959	1
REACTOME	16	-0.16931	-0.52987	0.995283	0.998368	1
BIOCARTA_	18	-0.14879	-0.47119	0.992991	1	1
REACTOME	17	-0.13424	-0.42023	1	0.999733	1