Figure S1

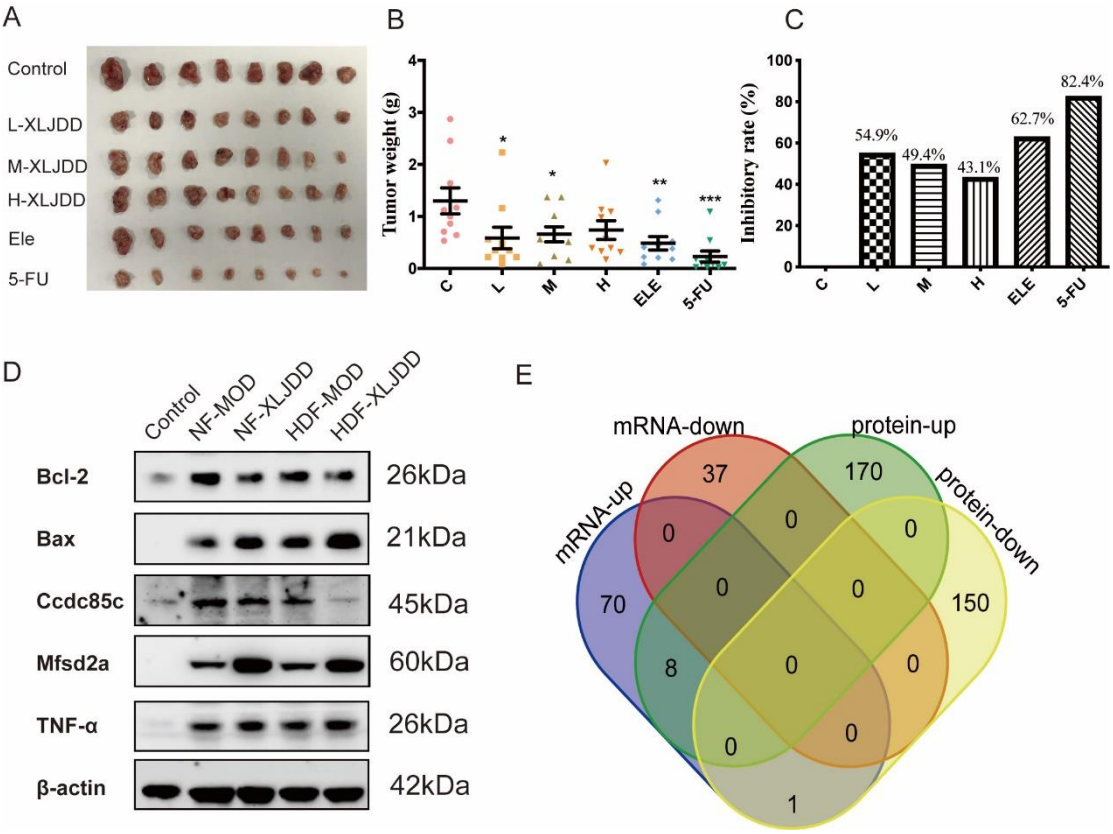

Figure S1: (A) The results of subcutaneous tumor formation in mice showed the effect of control group, low-concentration XLJDD group, medium-concentration XLJDD group, and high-concentration XLJDD group on tumor growth. Positive controls are elemene group and 5-FU group. (B) The comparison of tumor weight between each group and control group. **P*<0.05, ***P*<0.01, ****P*<0.001. (C) Quantification of inhibitory rate in each group. (D) The subcutaneous tumors were examined for endogenous levels of Bcl-2, Bax, Ccdc85c, Mfsd2a and TNF-α by western blot. (E) Venn diagram display of differential genes between proteome and transcriptome.

Table S1 NF-XLJDD_vs_NF-MOD.mRNA.diffgene

gene_id	log2FoldChange	pvalue
ENSMUSG00000053916	6.550940098	9.37E-32
ENSMUSG00000025004	-12.7114182	2.97E-18
ENSMUSG00000071356	2.314135925	4.42E-14
ENSMUSG00000054459	10.62281073	2.17E-11
ENSMUSG00000103255	-10.26057199	2.78E-10
ENSMUSG00000015943	-2.51692827	3.37E-10
ENSMUSG00000050840	10.45021121	7.44E-10
ENSMUSG00000043289	-2.941920143	8.18E-10
ENSMUSG00000024131	2.440059924	1.06E-09
ENSMUSG00000000216	-1.589779582	2.59E-09
ENSMUSG00000032068	2.270749454	5.99E-09
ENSMUSG00000042031	10.80259956	8.85E-09
ENSMUSG00000050296	4.917819255	1.20E-08
ENSMUSG00000022650	2.864227307	1.69E-08
ENSMUSG00000001670	1.411014523	1.97E-08
ENSMUSG00000038602	2.107904677	2.45E-08
ENSMUSG00000030069	4.194867049	1.05E-07
ENSMUSG00000050747	1.304810709	1.16E-07
ENSMUSG00000023943	9.71130507	1.84E-07
ENSMUSG00000082766	-9.380255978	1.86E-07
ENSMUSG00000020101	1.522869184	2.00E-07
ENSMUSG00000050074	-9.558467533	2.03E-07
ENSMUSG00000029314	1.733093834	2.34E-07
ENSMUSG00000068600	2.956328864	2.45E-07
ENSMUSG00000040809	1.592106425	2.75E-07
ENSMUSG00000061762	2.075297215	3.98E-07
ENSMUSG00000110104	-16.50657308	4.34E-07
ENSMUSG00000045022	9.545427264	5.23E-07
ENSMUSG00000078735	-9.593758265	5.31E-07
ENSMUSG00000060988	2.756755409	5.58E-07
ENSMUSG00000052974	-1.811608833	5.61E-07
ENSMUSG00000053862	1.979591281	5.85E-07
ENSMUSG00000056234	-1.282924385	1.26E-06
ENSMUSG00000044071	-3.017040063	1.28E-06
ENSMUSG00000020826	1.460812774	1.71E-06
ENSMUSG00000078591	11.53810396	2.14E-06
ENSMUSG00000002020	-1.44134306	2.44E-06
ENSMUSG00000020839	3.665517788	2.45E-06
ENSMUSG00000032452	-1.796175281	2.64E-06
ENSMUSG00000056054	2.002569778	3.30E-06
ENSMUSG00000039419	1.471431632	3.43E-06
ENSMUSG00000036578	9.045804205	4.13E-06
ENSMUSG00000017868	1.548334441	4.46E-06
ENSMUSG00000021536	1.807538095	4.94E-06
ENSMUSG00000074195	1.465880492	6.46E-06
ENSMUSG00000079012	1.477121373	7.78E-06
ENSMUSG00000031952	8.772128646	8.99E-06
ENSMUSG00000022797	1.323565256	9.15E-06
ENSMUSG00000030607	-8.731430769	1.09E-05
ENSMUSG00000067231	2.606935583	1.23E-05
ENSMUSG00000030317	-1.727784382	1.29E-05
ENSMUSG00000028655	1.302317465	1.29E-05
ENSMUSG00000058328	10.54332004	1.37E-05
ENSMUSG00000030762	1.589045762	1.45E-05
ENSMUSG00000037922	1.356337782	1.57E-05
ENSMUSG00000050982	2.152563083	1.61E-05

ENSMUSG00000029123	-10.59639661	1.81E-05
ENSMUSG00000060882	2.29810836	1.89E-05
ENSMUSG00000028527	2.665147669	2.77E-05
ENSMUSG00000052819	-1.076636002	2.96E-05
ENSMUSG00000068547	1.784777618	3.00E-05
ENSMUSG00000063260	2.75302898	3.34E-05
ENSMUSG00000095545	-1.418142399	3.42E-05
ENSMUSG00000074882	-1.272723508	3.66E-05
ENSMUSG00000032502	-1.146577168	3.70E-05
XLOC_041218	-5.564165487	3.74E-05
ENSMUSG00000020704	1.280762463	4.38E-05
ENSMUSG00000034525	-1.326849728	4.70E-05
ENSMUSG00000034687	-2.116870657	4.76E-05
ENSMUSG00000063522	1.557857959	4.79E-05
ENSMUSG00000030483	-1.55958502	4.86E-05
ENSMUSG00000027068	1.370374041	5.27E-05
ENSMUSG00000023057	2.21611513	5.45E-05
ENSMUSG00000026170	-1.178512314	5.54E-05
ENSMUSG00000020303	1.368205557	5.83E-05
ENSMUSG00000029700	2.23893243	6.33E-05
ENSMUSG00000023885	-1.198727167	6.49E-05
ENSMUSG00000056612	-1.885696724	6.72E-05
ENSMUSG00000068349	2.848681774	6.76E-05
ENSMUSG00000053113	1.307924579	6.92E-05
ENSMUSG00000029321	2.01725669	7.07E-05
ENSMUSG00000041293	1.094022212	7.30E-05
ENSMUSG00000025592	-1.802449049	7.51E-05
ENSMUSG00000024292	1.736181234	8.22E-05
ENSMUSG00000048582	-7.953367676	8.46E-05
ENSMUSG00000030017	1.148606664	8.69E-05
ENSMUSG00000062480	3.277634368	8.72E-05
ENSMUSG00000045551	1.882318276	9.03E-05
ENSMUSG00000046897	-1.482698009	9.73E-05
ENSMUSG00000030208	2.434915861	9.81E-05
ENSMUSG00000022886	5.700491467	9.85E-05
ENSMUSG00000013653	2.104722432	9.92E-05
XLOC_097956	5.092393427	0.000100112
ENSMUSG00000079104	7.27444379	0.00011152
ENSMUSG00000019888	1.538120419	0.000114232
ENSMUSG00000078886	-3.249276345	0.000114859
ENSMUSG00000001823	-3.92025786	0.000130316
ENSMUSG00000074445	-1.078881132	0.00013727
ENSMUSG00000005800	1.694907367	0.000140014
ENSMUSG00000028544	1.16453165	0.000140637
ENSMUSG00000036760	8.22290114	0.000141972
ENSMUSG00000000805	1.248651881	0.00015198
ENSMUSG00000054619	-1.773398289	0.000157178
ENSMUSG00000092004	9.44132038	0.000157987
ENSMUSG00000050439	-9.484885425	0.000161485
ENSMUSG00000028262	1.176433216	0.000162958
ENSMUSG00000029361	1.234529299	0.0001876
ENSMUSG00000030873	-1.031797333	0.00019277
ENSMUSG00000030228	1.448919586	0.000196668
ENSMUSG00000050359	1.886233457	0.000219305
ENSMUSG00000051079	1.44531597	0.000223167
ENSMUSG00000046259	2.902290991	0.000227901
ENSMUSG00000062345	9.383659201	0.000228761
ENSMUSG00000030092	1.972121446	0.000229714

ENSMUSG00000046688	1.099169895	0.000238818
ENSMUSG00000038751	1.122213525	0.000246232

Table S2 HDF-XLJDD_vs_HDF-MOD.mRNA.diffgene

gene_id	log2FoldChange	pvalue
ENSMUSG00000053916	7.631973007	6.46E-15
ENSMUSG00000051777	11.70186292	1.09E-13
ENSMUSG00000029999	-2.534255193	1.05E-09
ENSMUSG00000115423	10.73967366	2.48E-08
ENSMUSG00000022838	-2.863293907	2.51E-08
ENSMUSG00000022657	-2.440387806	7.78E-08
ENSMUSG00000015962	-10.13803571	8.28E-08
ENSMUSG00000116121	4.675139939	1.42E-07
ENSMUSG00000024653	10.06394291	1.64E-07
ENSMUSG00000057933	-9.778397571	2.92E-07
ENSMUSG00000027209	10.38050328	3.19E-07
ENSMUSG00000037196	12.48683718	6.43E-07
ENSMUSG00000054619	-2.15874635	3.45E-06
ENSMUSG00000019892	9.12743128	5.07E-06
ENSMUSG00000025013	9.0024581	5.78E-06
ENSMUSG00000078881	-11.87984275	6.11E-06
ENSMUSG00000079495	-9.137055892	7.82E-06
ENSMUSG00000046213	8.861027443	9.18E-06
ENSMUSG00000030017	-2.540817742	1.26E-05
ENSMUSG00000030173	-9.443153663	1.31E-05
ENSMUSG00000117098	-12.00388588	1.39E-05
ENSMUSG00000109564	-5.073894931	2.08E-05
ENSMUSG00000073551	-10.52013243	2.29E-05
ENSMUSG00000023132	-2.864371623	2.30E-05
ENSMUSG00000032068	-1.7815199	2.33E-05
ENSMUSG00000079386	9.283039128	2.72E-05
ENSMUSG00000089739	17.30200191	2.84E-05
ENSMUSG00000007656	2.189514418	2.90E-05
ENSMUSG00000035860	8.743711323	3.04E-05
ENSMUSG00000032122	-3.142877289	3.71E-05
ENSMUSG00000067149	-2.056167421	3.87E-05
ENSMUSG00000026393	-1.65971481	4.80E-05
ENSMUSG00000073409	-1.833639732	5.00E-05
ENSMUSG00000030092	-3.094871059	5.00E-05
ENSMUSG00000025433	3.168345657	5.15E-05
ENSMUSG00000091722	-8.349542544	6.34E-05
ENSMUSG00000032083	-6.967153164	7.13E-05
ENSMUSG00000112781	-9.951925006	7.29E-05
ENSMUSG00000078897	-9.939406369	7.41E-05
ENSMUSG00000025927	8.331867542	7.42E-05
ENSMUSG00000092544	10.22469683	7.48E-05
ENSMUSG00000073878	-10.16426817	7.71E-05
ENSMUSG00000103092	-3.560566089	8.01E-05
ENSMUSG00000022510	8.271331336	8.43E-05
ENSMUSG00000025004	10.0960636	9.46E-05
ENSMUSG00000026609	-10.24011172	9.92E-05
ENSMUSG00000026774	8.595549125	0.00010146
ENSMUSG00000105835	-13.37944596	0.000102962
ENSMUSG00000092232	13.35540777	0.000122979
ENSMUSG00000075015	-9.336198196	0.000127801
ENSMUSG00000082932	9.885490308	0.000138286
ENSMUSG00000026141	9.240745476	0.000138885
ENSMUSG00000091228	13.06219506	0.00015131
ENSMUSG00000074771	3.447803177	0.000161931

Table S3 P1_vs_HDF-MOD.mRNA.diffgene

gene_id	log2FoldChange	pvalue
ENSMUSG00000037196	14.49129191	5.62E-28
ENSMUSG00000053916	8.054154606	1.67E-13
ENSMUSG00000092544	11.22307097	1.44E-09
ENSMUSG00000078880	11.08833387	1.79E-09
ENSMUSG00000079516	-8.28130927	5.84E-09
ENSMUSG00000058579	-8.151753982	2.24E-08
ENSMUSG00000031896	-8.545260379	1.19E-07
ENSMUSG00000071519	-13.31533135	2.21E-07
ENSMUSG00000004821	-13.33289753	2.24E-07
ENSMUSG00000029882	-9.023004202	4.92E-07
ENSMUSG00000110104	17.29517008	5.35E-07
ENSMUSG00000027519	2.198959859	9.84E-07
ENSMUSG00000068341	-8.865118862	1.34E-06
ENSMUSG00000057163	-8.708177992	2.38E-06
ENSMUSG00000071553	-6.610925194	2.89E-06
ENSMUSG00000011463	-8.728559874	3.02E-06
ENSMUSG00000029522	-11.97787499	3.59E-06
ENSMUSG00000022112	-11.88712228	4.30E-06
ENSMUSG00000046008	-8.996602887	4.49E-06
ENSMUSG00000031957	-8.76191686	5.27E-06
ENSMUSG00000024184	-6.773252591	8.45E-06
ENSMUSG00000116121	4.567131304	9.16E-06
ENSMUSG00000023140	-10.07655969	9.25E-06
ENSMUSG00000037922	-2.123799745	1.20E-05
ENSMUSG00000037705	9.651544744	1.29E-05
ENSMUSG00000060913	9.284809023	1.46E-05
ENSMUSG00000079364	9.078155671	2.09E-05
ENSMUSG00000093931	-7.881052849	2.50E-05
ENSMUSG00000023433	-9.155609112	2.67E-05
ENSMUSG00000102422	17.37809699	2.96E-05
ENSMUSG00000022838	-2.464852811	3.18E-05
ENSMUSG00000091415	9.074327522	3.25E-05
ENSMUSG00000047880	-2.500655017	3.26E-05
ENSMUSG00000054446	-8.997082173	3.27E-05
ENSMUSG00000117098	-11.96544448	3.41E-05
ENSMUSG00000078901	-10.85931974	3.47E-05
ENSMUSG00000026818	-9.215843786	3.53E-05
ENSMUSG00000050961	9.155574179	5.30E-05
ENSMUSG00000024028	-7.12629772	5.31E-05
ENSMUSG00000058119	-10.61344534	5.44E-05
ENSMUSG00000036938	-8.472425883	5.71E-05
ENSMUSG00000021415	-8.704174102	6.73E-05
ENSMUSG00000073551	-10.4793698	7.11E-05
ENSMUSG00000059654	-7.753628001	7.41E-05
ENSMUSG00000032661	-2.093080085	9.20E-05
ENSMUSG00000096569	-10.32810626	9.76E-05
ENSMUSG00000070360	-8.701559188	0.000100954
ENSMUSG00000032083	-7.763733504	0.000115449
ENSMUSG00000108596	10.12769576	0.000115647
ENSMUSG00000070594	10.4094334	0.000129267

Table S4 P2_vs_HDF-MOD.mRNA.diffgene

gene_id	log2FoldChange	pvalue
ENSMUSG00000053916	7.916764919	2.58E-15
ENSMUSG00000025004	12.84884914	3.95E-13
ENSMUSG00000009670	11.72558151	8.68E-13
ENSMUSG00000007656	2.430442794	4.22E-07
ENSMUSG00000022838	-2.10412274	1.06E-06
ENSMUSG00000071356	-2.835780533	1.28E-06
ENSMUSG00000022112	-11.87177817	1.99E-06
ENSMUSG00000037196	12.00812851	3.09E-06
ENSMUSG00000031022	9.157594471	6.03E-06
ENSMUSG00000025013	9.221181096	6.32E-06
ENSMUSG00000089945	2.537057785	1.14E-05
ENSMUSG00000063529	-9.036669106	1.60E-05
ENSMUSG00000078901	-10.84466747	1.76E-05
ENSMUSG00000042761	-9.012680587	2.01E-05
ENSMUSG00000117136	-10.9658667	2.23E-05
ENSMUSG00000030173	-9.387551419	2.36E-05
ENSMUSG00000054604	1.687047895	2.56E-05
ENSMUSG00000078880	10.83636435	2.83E-05
ENSMUSG00000058119	-10.59817926	2.89E-05
ENSMUSG00000092094	10.81400057	3.37E-05
ENSMUSG00000091537	-2.078798003	3.64E-05
ENSMUSG00000028023	-14.91450521	4.62E-05
ENSMUSG00000109564	-4.788283013	6.78E-05
ENSMUSG00000037705	8.286952816	9.41E-05

Table S5 P3_vs_HDF-MOD.mRNA.diffgene

gene_id	log2FoldChange	pvalue
ENSMUSG00000037196	14.37438125	5.78E-29
ENSMUSG00000023140	-19.82103743	1.25E-13
ENSMUSG00000079516	-14.99660984	2.04E-13
ENSMUSG00000105204	11.85547934	1.53E-11
ENSMUSG00000068341	-13.69899237	3.19E-11
ENSMUSG00000092544	11.37551467	3.54E-10
ENSMUSG00000031896	-10.55812829	3.61E-10
ENSMUSG00000096569	-20.28296346	4.83E-10
ENSMUSG00000096770	-19.06677663	8.50E-10
ENSMUSG00000058579	-8.786212318	9.13E-10
ENSMUSG00000029999	-2.832661589	2.75E-09
ENSMUSG00000040205	-15.71604603	3.94E-09
ENSMUSG00000054106	-11.60231376	1.02E-08
ENSMUSG00000029882	-11.30391214	7.42E-08
ENSMUSG00000036938	-11.31183515	8.31E-08
ENSMUSG00000092232	13.75477822	1.20E-07
XLOC_041218	5.574881267	1.25E-07
ENSMUSG00000071519	-13.32841948	1.52E-07
ENSMUSG00000004821	-13.34612846	1.53E-07
ENSMUSG00000024184	-8.723991052	1.96E-07
ENSMUSG00000023433	-11.28466798	8.60E-07
ENSMUSG00000006204	-12.32156646	1.25E-06
ENSMUSG00000011463	-11.27777262	1.25E-06
ENSMUSG00000029522	-11.99081475	2.49E-06
ENSMUSG00000022112	-11.89951387	2.93E-06
ENSMUSG00000046008	-11.42008602	3.26E-06
ENSMUSG00000057163	-10.67399774	4.33E-06
ENSMUSG00000054446	-11.72487449	4.91E-06
ENSMUSG00000031957	-11.21910378	5.61E-06
ENSMUSG00000071553	-6.442415792	5.81E-06
ENSMUSG00000026818	-11.64125773	1.51E-05
ENSMUSG00000067149	-2.192456605	1.66E-05
ENSMUSG00000092094	11.29050933	2.52E-05
ENSMUSG00000071521	-9.518015789	2.82E-05
ENSMUSG00000093931	-11.3607432	3.07E-05
ENSMUSG00000062478	-11.1098297	3.51E-05
ENSMUSG00000078880	10.94312925	3.51E-05
ENSMUSG00000059654	-9.96911879	3.60E-05
ENSMUSG00000058119	-10.62588336	4.16E-05
ENSMUSG00000022076	-10.72956075	5.11E-05
ENSMUSG00000028023	-14.94226066	5.21E-05
ENSMUSG00000073551	-10.49196256	5.36E-05
ENSMUSG00000102422	14.73653876	6.29E-05
ENSMUSG00000074268	-11.44723723	6.31E-05
ENSMUSG00000070360	-10.85910036	6.59E-05
ENSMUSG00000109564	-5.086085759	7.15E-05
ENSMUSG00000051627	3.046188018	7.81E-05
ENSMUSG00000030954	-5.246641749	0.000108
ENSMUSG00000029235	8.457450202	0.000116
ENSMUSG00000023982	10.27030546	0.000124
ENSMUSG00000071517	-10.04008431	0.00013
ENSMUSG00000105835	-13.35134404	0.000149
ENSMUSG00000000215	-12.82832482	0.000155

Table S6 P4_vs_HDF-MOD.mRNA.diffgene

gene_id	log2FoldChange	pvalue
ENSMUSG00000079362	-14.91695906	2.01E-40
ENSMUSG00000037196	13.17343563	1.30E-18
ENSMUSG00000053916	8.1349543	2.22E-15
ENSMUSG00000025004	12.37640438	3.52E-14
ENSMUSG00000020419	-10.89508723	9.44E-10
ENSMUSG00000030017	-3.155450163	2.09E-09
ENSMUSG00000021541	10.58492443	1.37E-08
ENSMUSG00000117081	-16.50491958	1.12E-07
ENSMUSG00000022838	-2.519188566	1.38E-07
ENSMUSG00000023132	-3.564587981	7.73E-07
ENSMUSG00000025991	-3.299958762	8.86E-07
ENSMUSG00000039539	12.756979	8.89E-07
ENSMUSG00000060615	3.114766701	1.45E-06
ENSMUSG00000051777	12.09815688	2.65E-06
ENSMUSG00000029236	2.672166505	5.71E-06
ENSMUSG00000061561	9.433762843	6.39E-06
ENSMUSG00000025013	9.132955302	7.36E-06
ENSMUSG00000025433	3.50692666	9.76E-06
ENSMUSG00000021940	9.040206669	9.88E-06
ENSMUSG00000073608	-4.328471342	1.09E-05
ENSMUSG00000078881	-11.77277465	1.27E-05
ENSMUSG00000020102	2.19156619	1.68E-05
ENSMUSG00000047842	2.741947482	1.74E-05
ENSMUSG00000045569	9.091026393	2.27E-05
ENSMUSG00000078901	-10.79679883	2.48E-05
ENSMUSG00000000296	2.459196736	2.60E-05
ENSMUSG00000026023	8.744012593	3.21E-05
ENSMUSG00000028289	2.076162553	4.23E-05
ENSMUSG00000020702	-10.51199423	4.46E-05
ENSMUSG00000032122	-3.303114324	4.91E-05
ENSMUSG00000073551	-10.41667609	5.21E-05
ENSMUSG00000047694	-1.673077477	5.21E-05
ENSMUSG00000028255	2.226359729	5.32E-05
ENSMUSG00000074004	2.929089521	6.04E-05
ENSMUSG00000095681	8.504105558	7.49E-05
ENSMUSG00000108596	9.803239387	7.57E-05
ENSMUSG00000037973	2.563537895	8.11E-05
ENSMUSG00000092544	10.38235222	8.19E-05
ENSMUSG00000013611	8.359374105	0.000106
ENSMUSG00000054417	10.64715692	0.000111
ENSMUSG00000037705	8.284314245	0.000117

Table S7 P5_vs_HDF-MOD.mRNA.diffgene

gene_id	log2FoldChange	pvalue
XLOC_041218	6.041781914	1.68E-25
ENSMUSG00000062170	11.90113115	1.64E-08
ENSMUSG00000094083	10.43362108	1.71E-08
ENSMUSG00000037196	14.02723703	3.41E-08
ENSMUSG00000021541	10.22803229	5.39E-08
ENSMUSG00000026934	-11.9984487	5.32E-06
ENSMUSG00000028255	2.30492077	6.77E-06
ENSMUSG00000060615	2.826183025	9.13E-06
ENSMUSG00000092094	11.61067203	1.24E-05
ENSMUSG00000022935	3.305108886	1.87E-05
ENSMUSG00000025433	3.364924961	1.92E-05
ENSMUSG00000022262	2.241944683	3.48E-05
ENSMUSG00000030173	-9.250796744	3.63E-05
ENSMUSG00000078880	10.65642317	3.95E-05
ENSMUSG00000071679	10.54433668	5.11E-05
ENSMUSG00000092004	10.38173178	6.94E-05
ENSMUSG00000037705	8.691584732	8.34E-05

Table S8 NF-XLJDD.vs.NF-MOD.diff_prot

Protein	Pvalue	log2FC
A0A075B5Q4	0.005992554	-1.2576
A0A075B5R0	0.005414268	1.061
A0A075DCG2	0.034476405	0.70649
A0A087WR50	0.010085183	-0.6343
A0A087WRI6	0.000668538	-2.5374
A0A087WSB8	0.00364808	1.47934
A0A087WSE3	0	Inf
A0A0A6YVU9	0.014619461	1.74102
A0A0G2JDF7	0.02635486	-0.6426
A0A0G2JEG8	0	Inf
A0A0J9YUE9	0.002147474	0.79929
A0A0R4J003	0.033629502	0.65629
A0A0R4J042	0.013160214	2.2132
A0A0R4J043	0.01593939	1.78205
A0A0R4J0R7	0.007572948	2.42902
A0A0R4J0V1	0.034493968	-0.6081
A0A0R4J0Z3	0	Inf
A0A0R4J101	0.000683664	1.43837
A0A0R4J113	0	Inf
A0A0R4J1Y8	0.012639947	-1.282
A0A141CM51	0.015000843	0.69014
A0A1B0GR19	0.049321167	-0.7919
A0A1D5RMG6	0.032548886	1.13743
A0A1I7Q4G8	0.048626152	-0.6722
A0A1L1STZ4	0.018275261	-2.7948
A0A1W2P712	0.043671725	-0.6612
A0A1W2P7I2	0.004432204	0.75993
A0A1Y7VKX7	0	Inf
A0A217FL83	0.016856343	3.58957
A0A286YE36	0	Inf
A0A286YED2	0.035528379	-1.6954
A0A2R8VHF9	0.023308862	1.18253
A0A2R8VI06	0.035260817	-1.1582
A0A338P693	0.001038594	1.02707
A0A494B9V8	0	Inf
A0A494BBC9	0.020135714	-0.9149
A0A498WGR4	0	Inf
A0A5F8MPF3	0.014571659	2.31076
A0A5F8MPK1	0	Inf
A0A668KLD3	0.012550065	0.68429
A1L0V4	0.044640828	1.10795
A1L3C0	0	Inf
A2A4A6	0.016417489	-0.8563
A2A615	0.00020889	1.21984
A2A7Q5	0.014272541	-1.7952
A2AFG7	0.038807314	0.78424
A2AGL5	0	Inf
A2AN37	0.002331467	-1.6004
A2ANX6	0	Inf
A2AUK7	0.028024175	0.69131
A2BDN9	0.001568212	-1.4183
A2BDY0	0	Inf
A2BH40	0.023727854	-0.6591
A3KG93	0.000362366	-0.6168
A3KGR9	0.018054083	-1.1911
A4FUU4	0.049880569	1.48876

A4GE64	0	Inf
A8C756	0.040167605	-1.824
B0QZW4	0	Inf
B1AR13	0.041941221	0.60201
B1AVK5	0.032452099	0.97983
B1AWB9	0.048488202	0.69989
B1AYL1	0.044270206	0.79171
B1AZQ0	0.008567912	0.9021
B2RR82	0.018106673	-0.6335
B2RRN5	0.001128729	0.96269
B2RRP1	0	Inf
B2RS24	0.039775273	-0.8224
B2RWV7	0.005620154	-1.0295
B2RY90	0.027071577	0.68245
B7ZMW6	0.013276984	1.68491
B7ZNJ6	0.042859262	-1.4187
B7ZNK7	0	Inf
B9EKG3	0.004910634	-2.3891
D3YTT5	0.011819405	0.7351
D3YU56	0.008590888	-0.9427
D3YUV9	0.013776691	1.05883
D3YVP0	0.000451708	2.70936
D3YY02	0.03323546	-1.2045
D3Z0M9	0.038791006	-1.0816
D3Z0Z6	0.005102446	-0.8722
D3Z1C1	0.027211551	-0.6056
D3Z1C5	0	Inf
D3Z345	0.003133579	-1.0181
D3Z4S3	0.031578058	-0.7414
D3Z512	0	Inf
D3Z6T3	0.008658921	-3.0833
D6RG69	0	Inf
E9PU87	0.000569051	-0.6799
E9PVQ3	0	Inf
E9PWH2	0.033771152	-0.7597
E9PYK3	0.020478619	0.77014
E9Q0W6	0.027126894	1.58019
E9Q4Z2	0.04622402	1.22115
E9Q8D7	0.034339071	-0.902
E9Q8Y7	0.004254535	1.75867
E9QLA5	0.002705359	-0.8627
E9QLL2	0.042858539	-0.6981
E9QNL5	0.034321226	1.29306
F2WWK5	0.02541863	-1.4339
F7BT68	0	Inf
F8VQM0	0	Inf
F8WH23	0.018429916	-0.9673
G3V027	0.019064855	-1.5891
G3X8R1	0.006011069	-0.6238
G3X8T9	0.035359754	0.919
G3X926	0.013767373	-1.1363
G3X9J0	0.004207075	-1.1913
G3X9Y6	0.034124933	1.0305
G5E895	0.045703152	0.67985
H3BIX4	0.040992194	0.65062
H3BJN3	0.038936966	1.09548
J3QNU6	0.007901309	1.01605
O08532	0.014080948	0.67867

O09049	0.008569763	1.8499
O09110	0.00058473	-0.8515
O35136	0.008577346	1.4664
O35345	0.010690763	-1.0016
O70309	0.019037503	0.91664
O70310	0.034882362	-0.6683
O70423	0.012356994	1.13534
O70475	0.012370475	1.56728
O88935	0.045155555	1.26273
P00329	0.007892964	-1.4706
P03995	0.005707454	1.37156
P04117	0.038416839	1.24917
P05366	0.010468686	1.41355
P10922	0.045174873	0.86074
P11672	0.027595	-4.6442
P11725	0.006627995	1.87529
P13634	0.029125497	3.45503
P14069	0.018504328	-0.7538
P16014	0.0231817	1.08461
P16015	0.037926512	2.98317
P17563	0.002967409	1.4784
P18872	0.020818236	0.77425
P19324	0.01488346	-0.6076
P19788	0	Inf
P20664	0.041771684	-0.8311
P22907	0.039235926	-0.7354
P24547	0.03802451	-0.6519
P24549	0.030400547	1.38184
P24815	0.040351285	1.40107
P26150	0.046064352	1.20892
P28651	0.00523353	1.86355
P29268	0.036658895	-2.0076
P29416	0.002157588	-0.6299
P34914	0.001436829	1.11176
P35230	0.012783761	3.85131
P46660	0.048078493	1.02105
P47867	0.022940374	1.14205
P47911	0.046156405	-0.6211
P49452	0	Inf
P49817	0.037449627	0.64133
P50446	0.0269421	0.96007
P51658	0.016833685	0.8794
P52840	0.033714628	1.35043
P52875	0.02724025	-0.7297
P54869	0.005133656	2.03535
P56388	0.020044886	1.01312
P60879	0.045671678	0.7909
P61793	0.001707018	0.81011
P62488	0.030719865	-0.5867
P62823	0.028924633	1.14927
P63089	0	Inf
P63154	0.045792285	-0.702
P63239	0.036156117	1.12619
P70321	0	Inf
P70698	0.006672678	-0.601
P80560	0.039372826	1.34079
P82347	0.048647076	0.72338
P82349	0.018202847	1.06301

P83741	0.012652495	1.03389
P83882	0.035113061	-2.7241
P84309	0.030804632	0.84169
P97304	0.047730225	-0.6807
P97350	0.039235112	-1.0127
P97449	0.012284327	0.64528
P97452	0.018132415	-0.9222
P98203	0.038352333	0.60949
Q05CJ7	0.002467196	-1.1115
Q08331	0.003414713	1.58706
Q08857	0.017751507	1.24261
Q0PD42	0.044183676	0.72199
Q10470	0.004103835	-0.6363
Q148B1	0.003469877	2.42004
Q1JPR8	0.020074156	1.32797
Q1RME4	0.029925519	1.89088
Q3TDR0	0.045774635	-0.5967
Q3TEL5	0.044517399	-0.8246
Q3TF62	0.012529121	-0.6326
Q3TJP6	0.022824488	0.74134
Q3TL58	0.013417921	-0.613
Q3TQC7	0.012515532	0.884
Q3TQP0	0.033584593	-0.9541
Q3TR90	0.039476249	0.61385
Q3TSX5	3.44E-05	-1.452
Q3U0B3	0.014125192	0.89238
Q3U3Q3	0.036041879	-1.0049
Q3U430	0.03463892	-0.8035
Q3U489	0.005896314	0.7595
Q3U4A3	0.010638283	-1.0561
Q3UD67	0.025230877	-0.6994
Q3UGR5	0.04038493	0.61117
Q3UIL5	0.002120138	-1.1039
Q3UIR2	0.023126125	-0.8271
Q3UJR8	0	Inf
Q3ULW8	0.013148275	-0.6158
Q3ULX3	0	Inf
Q3URN2	0.041970774	-0.6972
Q3URX8	0	Inf
Q3UTG5	0.029674422	1.29175
Q3UW56	0.0040922	1.36061
Q3UW87	0.016254732	0.85781
Q3UW96	0	Inf
Q3UWA6	0.013359657	0.7426
Q3UWQ9	0.006064385	1.20581
Q3UZ39	0.026128183	-0.6844
Q3UZZ6	0.000312439	1.40921
Q4VBD2	0.008197243	1.17929
Q504M2	0.0446641	-0.8293
Q505B1	0.026055284	-0.5867
Q566I6	0.029315373	-1.1865
Q5BMX4	0.022667713	1.63789
Q5DTL0	0.023737627	0.59508
Q5GQ64	0.032517718	0.85749
Q5JCT0	0.007657357	1.011
Q5NC41	0.007590551	2.12721
Q5SV80	0.02699108	1.09888
Q5SV85	0.006917462	-1.1297

Q61425	0.003928338	0.67863
Q61847	0.041128076	0.91784
Q62383	0.022643531	-0.7635
Q62392	0	Inf
Q63810	0.031660508	-1.4007
Q63886	0.011881069	1.47623
Q63918	0.030872704	0.84536
Q64127	0.042192202	-0.8304
Q64299	0.018127714	-0.8004
Q64332	0.045703295	0.9473
Q64435	0.018829777	0.97164
Q64444	0.010615434	0.70774
Q64471	0.038033213	0.65108
Q64GA5	0	Inf
Q69Z38	0.033221388	-0.9702
Q69ZQ2	0.013540709	-0.6184
Q6KCD5	0.017616837	1.19818
Q6NVG1	0.030562772	-1.2425
Q6P9N1	0	Inf
Q6PAC3	0.005257891	-0.8068
Q6PEV3	0.002410246	0.66532
Q7M758	0.030701159	-1.4401
Q7TN05	0.022238185	-0.9669
Q7TSZ8	0.00734901	-0.9883
Q80TB8	0.002947689	2.03167
Q811E7	0.027083399	-0.6471
Q8BGS0	0.006765863	-1.2457
Q8BHL7	0.039967648	-0.7077
Q8BJ40	0.005515934	1.97519
Q8BK48	0.004126269	1.40348
Q8BL86	0.010429625	-1.0899
Q8BNW9	0.000151994	2.77464
Q8BPP1	0.032073028	0.7928
Q8BUE4	0.010481604	0.95834
Q8BW75	0.029423236	1.04939
Q8BYZ1	0.032220983	-0.7997
Q8C297	0.036279625	-1.1881
Q8C5Y6	0.024081465	2.0608
Q8CCA5	0.015590608	1.33565
Q8CHQ0	0.005160487	-0.5999
Q8CIH5	0.002918582	-1.248
Q8CII2	0.021464428	-0.8093
Q8K0J2	0.001863533	-2.1829
Q8K2I3	0.013784658	1.11568
Q8QZR3	0.002955313	1.38951
Q8R084	0.009790039	1.23804
Q8R116	0.012338214	3.28688
Q8R1G2	0.045486505	0.63931
Q8R1I2	0.046687275	1.64591
Q8R409	0.000376349	-1.0952
Q8VCC1	0.005264389	1.75243
Q8VCT4	0.005215195	1.51881
Q8VCW8	0.01272237	1.02776
Q8VD31	0.021058284	-0.6104
Q8VIB3	0.009554276	-0.7668
Q8VIM9	0.023966451	-0.6115
Q91V55	0.033872564	-0.9116
Q91V76	0.003414175	0.75529

Q91WG0	0.00026668	1.36613
Q91WK1	0.022610928	-0.8957
Q91WN1	0.002316767	-0.7251
Q91WU0	0.046402665	1.09738
Q91XC9	0.018251089	-1.6173
Q920E7	0.038831191	-1.305
Q921H9	0.002778398	-0.9386
Q922R5	0.033706282	-0.7715
Q924H7	0.048488338	-0.9493
Q99J99	0.03993106	1.20936
Q99JT9	0.01598637	0.76143
Q99L00	0.042909748	-0.7916
Q99M73	0.007027003	2.30443
Q9BCZ4	0.024474919	-0.618
Q9CR02	0.039645647	-0.5886
Q9CR35	0.040762875	-3.1025
Q9CXJ4	0.007290338	0.78619
Q9CZS1	0.007894544	1.1292
Q9D0I4	0.008418128	0.82759
Q9D306	0.004322432	0.79541
Q9D6U8	0.043779829	0.78498
Q9D6Y7	0.011929239	0.6049
Q9D816	0.04646514	1.48972
Q9D8W7	0.040435949	1.05918
Q9D939	0.016218694	1.64625
Q9D952	0.000326692	-1.3524
Q9DBB4	0.041169377	-0.9885
Q9DCJ1	0.00073621	-0.5922
Q9DD12	0.019951952	0.84726
Q9DD20	0.014172962	1.38155
Q9ES74	0.032037377	-0.621
Q9ES83	0.039504351	1.08464
Q9JI67	0.010868756	0.75519
Q9JIS5	0.019673606	1.08388
Q9JJ06	0.036902164	0.66925
Q9JJF9	0.031643672	0.73252
Q9JJY3	0.041435979	-0.6553
Q9QXV0	0.0385599	0.87589
Q9R0P9	0.004552965	0.87605
Q9R112	0.047450739	0.61164
Q9R1Q8	0.038412524	-0.9171
Q9Z1W8	0	Inf
Q9Z247	0.014651966	-0.6769
V9GXQ2	0.009658956	7.36004

Table S9 HDF-XLJDD.vs.HDF-MOD.diff_prot

Protein	P value	log2FC
A0A068BIT8	0.036087193	-1.0518
A0A075B5L7	0.005059493	-2.0603
A0A075B5P5	0.020203412	-2.0559
A0A075B5R5	0.046197768	1.74888
A0A075B5W5	0	Inf
A0A087WS16	7.75E-05	4.31184
A0A087WSP5	0.006357946	-0.7646
A0A0A0MQ89	0.022757131	0.71799
A0A0A0MQA3	0.011899552	-0.8817
A0A0A6YWS9	0.015439646	-0.7357
A0A0B4J1H6	0.03655301	-1.0707
A0A0G2JDE8	0	Inf
A0A0G2JDV3	0.000218165	-2.934
A0A0G2JEG8	0.030881116	3.16837
A0A0G2JGS0	0.008559785	0.84071
A0A0J9YUJ0	0.005389967	0.62296
A0A0N4SUZ0	0.033152341	-0.9718
A0A0R4J0H7	0.011522532	0.84314
A0A0R4J0K2	0.015566014	-0.5943
A0A0R4J174	0.018211617	0.8911
A0A0R4J190	0.009369807	-1.6698
A0A0R4J1Y3	0.019316641	-0.7414
A0A0R4J288	0.007066081	-1.0589
A0A140LIF8	0.016010804	2.82099
A0A1B0GR19	0.010319248	-1.0154
A0A1C7CYU5	0.040835407	-0.6017
A0A1L1SQG7	0.03226704	-0.6988
A0A1L1STZ6	0.049937404	-0.8229
A0A1W2P737	0.012171496	-1.1274
A0A2I3BPX9	0.024900027	-0.9575
A0A338P6U4	0.039747139	0.79923
A0A345IT93	0.004976305	-0.9802
A0A3B2W707	0.01101939	1.48629
A0A3Q4L2Q3	0	Inf
A0A494BAT0	0.000286217	-0.7219
A0A498WGR4	0.036602331	1.22919
A0A571BDP7	0.004912806	-0.9371
A0A5F8MPM4	0	Inf
A0A6B9EQU3	0.00041547	-1.0007
A2A559	0.015503573	0.66734
A2A654	0	Inf
A2AA85	0.00028779	1.5105
A2ABV5	0	Inf
A2AEB3	0.020452822	0.65154
A2AEW8	0.032281362	1.37428
A2ALS4	0.019160459	2.05919
A2AQD5	0.008084219	1.56185
A2ARA8	0.000414759	0.63695
A2CF65	0.016114534	-0.7857
A2RRJ6	0.018719204	0.62657
A2RSW6	0.000447244	1.00164
A6X919	0.047483675	-1.3444
A7VJA4	0.012719632	-0.8811
A7VMS5	0.003055158	-0.7773
B1AVK5	0.020587904	1.18253
B1AYC9	0.025415145	-0.8546

B2RQ80	0	Inf
B2RRY4	0.049700004	-1.7444
B2RTL5	0.018316055	0.86968
B2RY04	0.039427116	0.63539
B7ZNH7	0.021744795	-0.8566
B7ZNK7	0.011909231	0.75739
B9EJR8	0.006727161	1.1661
D1MAF3	0.003027733	0.85104
D3YTS1	0.030130982	-0.5921
D3YVU0	0.000534703	-1.0014
D3YVW2	0.02340508	-0.7155
D3YW25	0	Inf
D3YZ89	0	Inf
D3Z286	0.012854597	0.84125
D3Z2R5	0.049025679	1.02544
D3Z3X1	0	Inf
D3Z5H3	0.036237153	-1.2072
D3Z5I1	0.039210511	1.11322
D3Z5N5	0.004603828	-1.9372
D3Z5N6	0.037707946	1.35187
D3Z600	0	Inf
D3Z7C0	0.018213399	0.9943
D6RFQ2	0	Inf
D6RGM1	0.002469147	-0.5975
E9Q179	0.003620395	1.24557
E9Q3Z4	0	Inf
E9Q4T9	0.036054959	0.69638
E9Q7N5	0.039255295	0.62834
E9QLL2	0.007196227	-1.096
E9QNG6	0.000543688	-1.0783
E9QPH0	0	Inf
F5BFH0	0.028395789	-0.8543
F6RSR4	0.01584504	-0.9703
F8WHU7	0.046065745	0.65296
G3UZP7	0.001048465	-0.8237
G3X8R5	0.017142293	1.06503
G3X920	0.021420697	-0.7108
G5E8R8	0.027650489	0.90809
J3QM81	0.048545119	-0.6394
J7NNX8	0.004431833	-2.3928
J7PDL1	0.008500528	-1.0574
K4DI59	0.012783933	-0.7194
O09110	0.034720185	-0.6722
O19455	0.013346648	-0.8398
O35075	0.048200124	1.02088
O35127	0.033474798	1.09529
O35407	0	Inf
O35621	0.012401471	1.28147
O35963	0.009201717	1.01622
O88653	0.003280079	-1.1442
O88665	0	Inf
P01670	0.021028079	-1.1244
P02798	0.000460985	1.52623
P05063	0.000799101	0.58665
P0C8K7	0	Inf
P10404	0.009934389	-0.5944
P13864	0.033725639	-0.7796
P14434	0.033318351	-1.0407

P15327	0.03729414	1.13416
P22599	0.033371963	-0.8141
P24369	0.049413061	-0.6339
P30285	0.032540994	3.72443
P38585	0.032108939	-1.2702
P39098	0.004331811	-1.196
P43137	0	Inf
P43275	0.049054196	-0.7604
P43276	0.007911445	-0.6881
P49290	0.032412619	-1.8969
P49452	0.000210645	-2.3212
P50518	0.018957801	-0.5888
P55065	0.029381156	-0.8139
P56873	0.027252282	0.6696
P58468	0	Inf
P61327	0.021994061	-0.5898
P63154	0.000365267	2.34039
P81122	0	Inf
P98203	0.000853781	1.21983
Q00493	0.024933767	0.72172
Q03160	0.046421077	0.89889
Q03404	0	Inf
Q05915	0.045340485	0.61489
Q059T5	0.027963677	-0.8765
Q06770	0.008845191	-0.7513
Q0P6I6	0.012211144	-3.3204
Q11127	0.044604823	0.71795
Q14A47	0.010377262	-0.9766
Q14B14	0.037113214	1.68159
Q2TBE6	0.013333477	-2.2192
Q3T9E4	0.003905041	-1.6233
Q3TC14	0.0077573	-0.8792
Q3TEE6	0.005751186	-0.8816
Q3TH99	0.012839152	0.6448
Q3TI31	0.021583033	-0.7525
Q3TKR5	0.042208947	-0.9369
Q3TQB2	0.028277103	-0.6677
Q3TS44	0.000542123	-0.6215
Q3U011	0.029701196	0.67911
Q3U0K0	0.012794822	-0.7458
Q3U4J6	0.020654983	-1.0813
Q3U671	0.007003085	2.1498
Q3U7F6	0.01736326	0.63826
Q3U9U5	0.000194331	1.0233
Q3UGP2	0.00690998	-0.7262
Q3UK24	0.010705518	1.5157
Q3UV38	0.040184744	0.77983
Q3UV57	0.043738764	-0.8806
Q3UVC9	0	Inf
Q3UW00	0.025491168	-1.0339
Q3UXU8	0.002558278	-1.6342
Q5IRJ6	0.002054205	2.10739
Q5SRC5	0.006949977	0.81178
Q5SUA5	0.044499624	-0.8977
Q5SW46	0.025357188	1.10442
Q61553	0.045836664	-0.6074
Q6DYE8	0.036958347	-0.6469
Q6NVF4	0.009481235	-0.7906

Q6PCM2	0.041026583	-0.5917
Q6PJN8	0.012530104	-1.0704
Q6ZWQ7	0.034318633	-0.6551
Q71FD5	0.024768113	1.09059
Q7TSZ8	0.031846605	1.04619
Q7TT52	0	Inf
Q80UP8	0	Inf
Q80YC5	0.033270892	0.80646
Q80YV4	0.026503177	0.61399
Q8BG07	0.004476957	-0.829
Q8BHL5	0.023216837	-1.4882
Q8BJ40	0.021075955	-1.1722
Q8BJW5	0.019736947	-1.2712
Q8BM72	0.02455373	-0.8862
Q8BMP1	0	Inf
Q8BR63	0.011882281	0.73148
Q8BT51	0.018236098	1.3909
Q8BTD8	0.001147528	2.02875
Q8BVF2	0.007504909	-1.1951
Q8BYN3	0.009445184	1.03362
Q8C3K0	0	Inf
Q8C8N0	0.028431307	1.4324
Q8CEC6	0.021501797	0.6825
Q8CGC6	0.026661119	-0.9942
Q8CIH5	0.033843599	-0.5906
Q8K0P3	0.010949663	1.16986
Q8QZY9	0.010962902	0.9004
Q8R238	0.015779322	0.62562
Q8R409	0.005966122	0.7618
Q8VDS4	0.029275735	-1.2299
Q8VEA4	0.005111299	0.65611
Q91XB0	0.042216423	-2.2096
Q91YL7	0.001958401	0.72569
Q921C5	0	Inf
Q921H9	0.045317575	0.6227
Q923L7	0.000584756	-1.4568
Q924H7	0.016341364	-0.7845
Q99N16	0.005043448	-2.9686
Q9CQI9	0.037368214	-1.8115
Q9CR24	0.040157943	0.89573
Q9CWQ0	0.014012629	-0.6386
Q9CYA0	0.026289026	-0.6516
Q9D1H6	0	Inf
Q9D7J4	0.008306098	-0.5972
Q9DBE9	0.02772967	-0.5904
Q9DC48	0.020838882	-1.4599
Q9JJN6	0	Inf
Q9R0E1	0.041022458	-0.8357
Q9R1C0	0	Inf
Q9R1Q8	0.026788412	-1.1576
Q9WV34	0	Inf
Q9Z0E6	0.005720761	-0.8744
S4R2K0	0	Inf

Table S10 P1.vs.HDF-MOD.diff_prot

Protein	Pvalue	log2FC
A0A075B5Y6	0	Inf
A0A5F8MPM4	0	Inf
D3Z0A5	0	Inf
G3UYU5	0	Inf
H3BJB4	0	Inf
Q3UVC9	0	Inf
Q8BHJ9	0	Inf
A0A0A0MQ73	0	Inf
A0A0G2JDE8	0	Inf
A0A0G2JEI9	0	Inf
A0A0G2JEM4	0	Inf
A0A0J9YUT8	0	Inf
A0A0R4J233	0	Inf
A0A0U1RNL1	0	Inf
A0A494BAV5	0	Inf
A2ATU9	0	Inf
D3YUS5	0	Inf
D3Z600	0	Inf
D6RFQ2	0	Inf
E9QMX4	0	Inf
Q3UKE3	0	Inf
Q80UP8	0	Inf
Q8C3K0	0	Inf
Q91YU8	0	Inf
Q9D1C3	0	Inf
Q9WV34	0	Inf
B9EJ77	0.01953893	10.48589491
Q8R3P0	0.00137118	4.349870302
A0A087WS16	0.030028794	4.088515381
B2RSU6	0.03096383	3.525891059
P30285	0.025567878	3.513527726
B3VQI8	0.000574655	3.14396481
A3KGF9	0.024614711	2.893266891
Q3U671	0.009361846	2.374609447
A0A0R4J0T0	0.044598693	1.780065567
P17892	0.007143797	1.751246726
B2RS09	0.005413742	1.72552153
D3YWX2	0.03205291	1.639248934
A0A286YED2	0.008387948	1.62626728
A0A1Y7VNT1	0.031874169	1.33382536
O35621	0.023552275	1.289172511
O35566	0.039044153	1.278365124
O88967	0.021113184	1.270430353
Q14B14	0.034424131	1.256204165
Q8C3X2	0.04393352	1.244145864
Q3UF16	0.017863253	1.23235229
A0A0R4J005	0.03564354	1.224552415
Q62392	0.047199133	1.191810244
D3YWJ5	0.049794502	1.184584829
E9Q5D6	0.006830196	1.15787803
Q05DI2	0.03854273	1.144986027
E9Q179	0.037763651	1.127255168
Q3TCI7	0.012132146	1.121613144
Q8BI29	0.001503417	1.116868341
Q8C7U1	0.024459592	1.059694748
Q3U9U5	0.008463328	1.055933947

A0A0G2JFZ4	0.021661327	1.041506733
Q9CQF4	0.001084492	0.946270942
Q3U430	0.032767031	0.933779103
B7ZWK9	0.032766623	0.889029236
Q62266	0.032156695	0.881301467
Q69ZX6	0.048264319	0.87782359
Q9Z247	0.003773127	0.872854045
E9PZJ8	0.027519449	0.869729838
Q5M8M3	0.017797148	0.861637857
Q03160	0.037667851	0.854948259
A0A0A6YXR0	0.011862043	0.847588451
Q8R0H9	0.034709357	0.846345361
G5E8R8	0.012392544	0.843551221
A0A1B0GRZ8	0.033351844	0.840193768
B1AZ46	0.035239693	0.833240699
Q9JJY4	0.008216365	0.826399094
Q05CA9	0.044393677	0.809572429
Q0VGU0	0.010245565	0.809424326
A0A0A6YX18	0.034532736	0.807373468
A5CVE4	0.002984212	0.785800765
Q3UKC8	0.026700881	0.767435107
Q9R0E2	0.01350451	0.761397925
Q05915	0.023371964	0.755274379
Q7TSZ8	0.046172398	0.748501727
Q9DBK7	0.015206779	0.739763588
Q61169	0.014400817	0.732917572
Q812G0	0.042142232	0.727426423
Q8BJF9	0.003532972	0.707650927
P97377	0.038350154	0.705492912
A0A0R4J138	0.013997719	0.704567293
A0A0G2JH17	0.026914287	0.699713581
E9Q7C1	0.044405383	0.696964323
Q3TSX5	0.043225573	0.695847042
D1MAF3	0.03056227	0.695146614
P39098	0.036986839	0.693177735
Q8CEC6	0.029972186	0.691197765
A1L3C2	0.010558139	0.687385828
Q8QZY9	0.046947799	0.683794307
P97770	0.046544619	0.678341476
Q8VE47	0.038503629	0.663814657
Q8CCX9	0.000311322	0.65305286
A0A0A0MQ89	0.025540551	0.636202174
P12265	0.045248364	0.636061776
A0A1W2P7Q1	0.021598824	0.627189532
Q9EQQ9	0.008001319	0.623719656
A0A0A6YWX1	0.040422222	0.616098323
O09117	0.030527361	0.614658525
A2AG68	0.041704817	0.614602732
D3Z0Z6	0.04782714	0.610648615
Q8BUR9	0.013583199	0.605078112
Q3TEZ2	0.008136847	0.604556504
B7ZW94	0.023424787	0.604059268
P58404	0.035509874	0.594224695
B2RX13	0.003561619	0.590209991
Q2M4J2	0.037102488	0.589189121
Q542A1	0.008483405	0.588453868
D3Z2E3	0.027802497	0.586249745
P11087	0.043213099	-0.598585092

Q9Z0E6	0.018038646	-0.602505365
A6H6A9	0.014876234	-0.621653217
B2RQP1	0.00829888	-0.628272971
A0A0A0MQA3	0.044802947	-0.628691066
Q3TDD9	0.013304832	-0.632519895
A0A0R4J1R7	0.034878057	-0.639087096
Q5NCJ9	0.045494221	-0.643461201
P38585	0.008131097	-0.717628681
Q9D7J4	0.011338302	-0.744809828
Q8CFV9	0.019169678	-0.749098034
P63239	0.034065535	-0.771623176
H6WCS3	0.012145293	-0.774569379
Q8BYY4	0.017795549	-0.778116847
Q62273	0.045005911	-0.790414046
Q3TQB2	0.04151146	-0.792086355
Q8K1Z0	0.012197293	-0.794065093
A0A2I3BRZ2	0.032936503	-0.813989342
E9PXB0	0.00110163	-0.81967256
Q8BJW5	0.043628801	-0.882786515
Q8BU31	0.03239907	-0.887189364
O54788	0.013281031	-0.902441877
Q8K370	0.046614387	-0.914176516
E9QLL2	0.00350197	-0.918177652
Q8K0V4	0.009476535	-0.92432839
A0A494BBN2	0.030387167	-0.932487316
Q6P3E7	0.010275882	-0.965636724
A0A6B9EQU3	0.000603227	-1.023592115
A0A0A0MQA8	0.019261044	-1.031799064
P47867	0.049749408	-1.049581541
Q3USR8	0.041450359	-1.067904787
Q566C3	0.040012112	-1.088503123
A0A0U1RQ27	0.016200484	-1.105559157
K4DI59	0.012488431	-1.116565779
P01670	8.32E-05	-1.169253735
Q91VC9	0.005308505	-1.182144907
P12804	0.0491401	-1.230708946
Q549X6	0.01969232	-1.239636154
D3YVU0	0.0295558	-1.291039094
E9QNG6	0.00063231	-1.294665758
E9Q3Z4	0.041453757	-1.302964668
B2RR84	0.038412677	-1.307944032
P35285	0.027315997	-1.369571155
A0A0G2JDV3	0.023242695	-1.492153247
P49452	0.002777706	-1.553141733
Q6PCN7	0.004137336	-1.648951158
A2A464	0.007198528	-1.767602153
P52795	0.010635595	-1.77164634
D3Z5N5	0.006976174	-1.968079104
A6PWR8	0.000318014	-1.996493455
A0A571BG95	0.005844237	-2.154921629
Q80WR5	0.034257827	-2.993980524
Q3U1V6	0.025333308	-3.123554797
E9PWI3	0.002954658	-3.365607298

Table S11 P2.vs.HDF-MOD.diff_prot

Protein	Pvalue	log2FC
A0A068BER1	0.024940147	-0.722177998
A0A075B5Q4	0.049259993	-1.224615622
A0A075B5R0	0	Inf
A0A075B5R7	0.012093885	-1.296950483
A0A087WSN5	0	Inf
A0A087WSP5	0.006574079	-0.703237954
A0A0G2JDV3	0.006005069	-1.264460468
A0A0G2JEM4	0	Inf
A0A0G2JFW6	0.012107965	0.683996117
A0A0H2UH13	0	Inf
A0A0N4SUZ0	0.04154993	-0.775382048
A0A0N4SV80	0.007989983	0.740687228
A0A0R4IZW7	0.048995552	1.155838216
A0A0R4J0J5	0.008955102	2.692211468
A0A0R4J0S7	0.034070326	0.784081734
A0A0R4J117	0.026330737	0.754029251
A0A0R4J1R1	0.016720176	-0.919697439
A0A0R4J233	0	Inf
A0A140LJ04	0.037341528	0.626653509
A0A140LJB8	0	Inf
A0A1B0GT05	0.007475171	-1.309327669
A0A1S6GWI1	0.01218061	-0.70717997
A0A1Y7VNZ5	0	Inf
A0A1Z4EAV4	0.049036749	-1.023882144
A0A286YCI1	0.043713552	0.81305602
A0A2C9F2B5	0.030500312	1.062733972
A0A2U3TZF4	0.038060041	0.764147441
A0A345IT93	0.026639843	-0.840314702
A0A494B9V8	0	Inf
A0A494BAT0	0.009175497	-0.642985691
A0A571BDP7	0.017240575	-1.067446696
A2A654	0.038075013	1.393454524
A2ACQ1	0.03636075	-1.304058605
A2ALS4	0.023491554	1.301438835
A2ARP8	0.002221237	1.100786511
A2ATU9	0	Inf
A3KGL9	0.028437489	1.387047663
A6P3E3	0	Inf
A7VMS5	0.007238724	-1.050983916
B0R0S4	0	Inf
B1AYC9	0.02648104	-0.812045254
B2RS09	0.018426754	1.347963765
B2RX13	0.040043811	0.710832314
B2RXC6	0	Inf
B2RXP1	0.035044241	-0.946251533
B5A5B2	0.046191794	0.94310721
B8JK39	0.00298517	-1.552786275
D3YVS1	0.045106963	1.48643898
D3YVU0	0.00664279	-1.80353427
D3Z3L3	0.01424547	0.953390216
D3Z5H3	0.049642434	-1.135729757
D3Z6W7	0.037246775	-0.987793516
E0CZ22	0.048108278	0.676457899
E9PUR6	0.027275021	-0.604783232
E9PV38	0.023526555	1.922299242
E9PWI3	0.002331558	-3.179518344

E9PXB0	0.0024896	-1.012405205
E9QJV4	0.02328331	1.412877255
F5BFH0	0.000294392	-1.161340315
F7AA26	0.019780556	0.8054005
G3UZP7	0.008606536	-0.891933691
G3X8Y8	0.044691101	0.709110575
G3X975	0.028934815	-0.676638509
G5E874	0.048177314	2.42716897
H3BKK4	0.02447918	-0.908689464
H3BL34	0	Inf
H7BX26	0.01678071	-1.080089684
J7PDL1	0.001557397	-1.084490085
L7N260	0	Inf
O09049	0.007100704	1.965157095
O09117	0.045459428	0.624955999
O19455	0.027711063	-0.749687123
O35127	0.030098823	0.973631297
O35136	0.00801731	-0.863331912
O35604	0.047794638	1.088351922
O35640	0.03591686	0.976509809
O88736	0.020369905	0.664790727
O88811	0.011676227	0.725573484
P01654	0.023568876	-1.103031571
P05532	0.01787253	-1.547709784
P12804	0.033880123	-1.049158275
P17183	0.041942529	-1.063160273
P18181	0.036255482	-1.116777668
P19137	0.015684259	0.76941217
P25085	0.027730623	0.862068778
P47867	0.037610534	-0.623726192
P49135	0.0477347	1.344077472
P49182	0.048084598	-0.934143449
P49290	0.04295509	-1.551042102
P52795	0.002289422	-2.11594467
P54728	0.016642663	-0.677832545
P57787	0.035451676	1.209880884
P61953	0.042355751	-0.648664923
P63239	0.035849115	-0.689358733
P97350	0.027927817	0.814900119
P98203	0.001223231	1.050121469
Q03160	0.015152801	0.714115002
Q03404	0	Inf
Q2M4J2	0.035391401	1.616738106
Q3T9E4	0.004445759	-1.555883511
Q3TBW2	0.048950309	0.669382111
Q3TC14	0.001591139	-0.71369087
Q3TDD9	0.003242868	-1.220798892
Q3TI31	0.002380998	-0.829850901
Q3TKL5	0.034842115	0.637374718
Q3TTV6	0.009038172	1.84066958
Q3TWZ3	0	Inf
Q3TYD6	0.035879613	1.358170866
Q3U011	0.017267641	0.830080264
Q3U0K0	0.009405684	-1.214051954
Q3U425	0.048967307	1.156625405
Q3U4S0	0	Inf
Q3UF16	0.031679501	1.162809053
Q3UFR4	0.004492452	0.635886808

Q3UH60	0.02279697	0.849259932
Q3UKE3	0	Inf
Q3V2E0	0.04147268	-2.810638482
Q4FJU3	0.044321849	0.766032999
Q566C3	0.028761631	-1.11352843
Q58E61	0.025127028	-1.216263225
Q5DTS4	0.027100537	1.411016945
Q5SUA5	0.002465735	-1.75331878
Q61033	0.008231574	1.207858671
Q61169	0.001768279	1.08015235
Q61526	0.049460701	0.894472536
Q61592	0.013665813	0.898881791
Q6A0E5	0.015795544	0.72887842
Q6NS52	0	Inf
Q6P6I6	0.019719951	1.122736789
Q6PJN8	0.039020646	-1.379256529
Q6ZQB6	0.041449023	0.610463445
Q7TQ62	0.013239415	0.703303882
Q80U19	0.023554073	8.407391111
Q80YV4	4.24E-05	1.447695401
Q80ZM5	0.009203019	1.515858582
Q812G0	0.006476593	0.965868354
Q8BGC0	0.031992484	2.11833416
Q8BJH1	0.04327012	1.201695683
Q8BJW5	0.019588492	-1.248528475
Q8BMQ8	0.020896434	1.184194471
Q8BNU0	0.027952904	0.828987332
Q8BPC1	0.013909636	0.941538969
Q8BPP1	0.000498677	-0.735430161
Q8BU31	0.035909447	-0.835259344
Q8BX12	0.03356215	1.107748276
Q8C3K0	0	Inf
Q8CE46	0.011786454	1.998545793
Q8CIH5	0.027581908	-0.724344419
Q8R3H6	0.02793457	-1.01919882
Q8VCD5	0.04771791	2.043495844
Q8VCL2	0	Inf
Q8VCT4	0.042023873	-0.880553903
Q91WC9	0.002258531	0.992877722
Q91WK1	0.040144191	0.718513386
Q921C5	0	Inf
Q922U1	0.041279518	1.665590511
Q923L7	0.011745919	-1.424857442
Q9CQW0	0.005420913	0.938469162
Q9CR13	0.008301977	-0.77853347
Q9CYA0	0.037110974	-0.70328644
Q9D3W4	0.021686241	1.724906772
Q9D787	0.032492675	1.697939726
Q9D8I1	0.020878242	-0.785723767
Q9D8Q8	0.048825462	0.701075226
Q9DBL2	0.002771388	1.197610636
Q9DC48	0.011963873	-1.859485059
Q9ES52	0.02862199	-1.473409582
Q9R1C0	0	Inf
S4R2K0	0	Inf

Table S12 P3.vs.HDF-MOD.diff_prot

Protein	Pvalue	log2FC
A0A068BER1	0.024940147	-0.722177998
A0A075B5Q4	0.049259993	-1.224615622
A0A075B5R0	0	Inf
A0A075B5R7	0.012093885	-1.296950483
A0A087WSN5	0	Inf
A0A087WSP5	0.006574079	-0.703237954
A0A0G2JDV3	0.006005069	-1.264460468
A0A0G2JEM4	0	Inf
A0A0G2JFW6	0.012107965	0.683996117
A0A0H2UH13	0	Inf
A0A0N4SUZ0	0.04154993	-0.775382048
A0A0N4SV80	0.007989983	0.740687228
A0A0R4IZW7	0.048995552	1.155838216
A0A0R4J0J5	0.008955102	2.692211468
A0A0R4J0S7	0.034070326	0.784081734
A0A0R4J117	0.026330737	0.754029251
A0A0R4J1R1	0.016720176	-0.919697439
A0A0R4J233	0	Inf
A0A140LJ04	0.037341528	0.626653509
A0A140LJB8	0	Inf
A0A1B0GT05	0.007475171	-1.309327669
A0A1S6GWI1	0.01218061	-0.70717997
A0A1Y7VNZ5	0	Inf
A0A1Z4EAV4	0.049036749	-1.023882144
A0A286YCI1	0.043713552	0.81305602
A0A2C9F2B5	0.030500312	1.062733972
A0A2U3TZF4	0.038060041	0.764147441
A0A345IT93	0.026639843	-0.840314702
A0A494B9V8	0	Inf
A0A494BAT0	0.009175497	-0.642985691
A0A571BDP7	0.017240575	-1.067446696
A2A654	0.038075013	1.393454524
A2ACQ1	0.03636075	-1.304058605
A2ALS4	0.023491554	1.301438835
A2ARP8	0.002221237	1.100786511
A2ATU9	0	Inf
A3KGL9	0.028437489	1.387047663
A6P3E3	0	Inf
A7VMS5	0.007238724	-1.050983916
B0R0S4	0	Inf
B1AYC9	0.02648104	-0.812045254
B2RS09	0.018426754	1.347963765
B2RX13	0.040043811	0.710832314
B2RXC6	0	Inf
B2RXP1	0.035044241	-0.946251533
B5A5B2	0.046191794	0.94310721
B8JK39	0.00298517	-1.552786275
D3YVS1	0.045106963	1.48643898
D3YVU0	0.00664279	-1.80353427
D3Z3L3	0.01424547	0.953390216
D3Z5H3	0.049642434	-1.135729757
D3Z6W7	0.037246775	-0.987793516
E0CZ22	0.048108278	0.676457899
E9PUR6	0.027275021	-0.604783232
E9PV38	0.023526555	1.922299242
E9PWI3	0.002331558	-3.179518344

E9PXB0	0.0024896	-1.012405205
E9QJV4	0.02328331	1.412877255
F5BFH0	0.000294392	-1.161340315
F7AA26	0.019780556	0.8054005
G3UZP7	0.008606536	-0.891933691
G3X8Y8	0.044691101	0.709110575
G3X975	0.028934815	-0.676638509
G5E874	0.048177314	2.42716897
H3BKK4	0.02447918	-0.908689464
H3BL34	0	Inf
H7BX26	0.01678071	-1.080089684
J7PDL1	0.001557397	-1.084490085
L7N260	0	Inf
O09049	0.007100704	1.965157095
O09117	0.045459428	0.624955999
O19455	0.027711063	-0.749687123
O35127	0.030098823	0.973631297
O35136	0.00801731	-0.863331912
O35604	0.047794638	1.088351922
O35640	0.03591686	0.976509809
O88736	0.020369905	0.664790727
O88811	0.011676227	0.725573484
P01654	0.023568876	-1.103031571
P05532	0.01787253	-1.547709784
P12804	0.033880123	-1.049158275
P17183	0.041942529	-1.063160273
P18181	0.036255482	-1.116777668
P19137	0.015684259	0.76941217
P25085	0.027730623	0.862068778
P47867	0.037610534	-0.623726192
P49135	0.0477347	1.344077472
P49182	0.048084598	-0.934143449
P49290	0.04295509	-1.551042102
P52795	0.002289422	-2.11594467
P54728	0.016642663	-0.677832545
P57787	0.035451676	1.209880884
P61953	0.042355751	-0.648664923
P63239	0.035849115	-0.689358733
P97350	0.027927817	0.814900119
P98203	0.001223231	1.050121469
Q03160	0.015152801	0.714115002
Q03404	0	Inf
Q2M4J2	0.035391401	1.616738106
Q3T9E4	0.004445759	-1.555883511
Q3TBW2	0.048950309	0.669382111
Q3TC14	0.001591139	-0.71369087
Q3TDD9	0.003242868	-1.220798892
Q3TI31	0.002380998	-0.829850901
Q3TKL5	0.034842115	0.637374718
Q3TTV6	0.009038172	1.84066958
Q3TWZ3	0	Inf
Q3TYD6	0.035879613	1.358170866
Q3U011	0.017267641	0.830080264
Q3U0K0	0.009405684	-1.214051954
Q3U425	0.048967307	1.156625405
Q3U4S0	0	Inf
Q3UF16	0.031679501	1.162809053
Q3UFR4	0.004492452	0.635886808

Q3UH60	0.02279697	0.849259932
Q3UKE3	0	Inf
Q3V2E0	0.04147268	-2.810638482
Q4FJU3	0.044321849	0.766032999
Q566C3	0.028761631	-1.11352843
Q58E61	0.025127028	-1.216263225
Q5DTS4	0.027100537	1.411016945
Q5SUA5	0.002465735	-1.75331878
Q61033	0.008231574	1.207858671
Q61169	0.001768279	1.08015235
Q61526	0.049460701	0.894472536
Q61592	0.013665813	0.898881791
Q6A0E5	0.015795544	0.72887842
Q6NS52	0	Inf
Q6P6I6	0.019719951	1.122736789
Q6PJN8	0.039020646	-1.379256529
Q6ZQB6	0.041449023	0.610463445
Q7TQ62	0.013239415	0.703303882
Q80U19	0.023554073	8.407391111
Q80YV4	4.24E-05	1.447695401
Q80ZM5	0.009203019	1.515858582
Q812G0	0.006476593	0.965868354
Q8BGC0	0.031992484	2.11833416
Q8BJH1	0.04327012	1.201695683
Q8BJW5	0.019588492	-1.248528475
Q8BMQ8	0.020896434	1.184194471
Q8BNU0	0.027952904	0.828987332
Q8BPC1	0.013909636	0.941538969
Q8BPP1	0.000498677	-0.735430161
Q8BU31	0.035909447	-0.835259344
Q8BX12	0.03356215	1.107748276
Q8C3K0	0	Inf
Q8CE46	0.011786454	1.998545793
Q8CIH5	0.027581908	-0.724344419
Q8R3H6	0.02793457	-1.01919882
Q8VCD5	0.04771791	2.043495844
Q8VCL2	0	Inf
Q8VCT4	0.042023873	-0.880553903
Q91WC9	0.002258531	0.992877722
Q91WK1	0.040144191	0.718513386
Q921C5	0	Inf
Q922U1	0.041279518	1.665590511
Q923L7	0.011745919	-1.424857442
Q9CQW0	0.005420913	0.938469162
Q9CR13	0.008301977	-0.77853347
Q9CYA0	0.037110974	-0.70328644
Q9D3W4	0.021686241	1.724906772
Q9D787	0.032492675	1.697939726
Q9D8I1	0.020878242	-0.785723767
Q9D8Q8	0.048825462	0.701075226
Q9DBL2	0.002771388	1.197610636
Q9DC48	0.011963873	-1.859485059
Q9ES52	0.02862199	-1.473409582
Q9R1C0	0	Inf
S4R2K0	0	Inf

Table S13 P4.vs.HDF-MOD.diff_prot

Protein	Pvalue	log2FC
A0A075B5L7	0.006724791	-1.978834708
A0A075B5R0	0	Inf
A0A075B5W5	0	Inf
A0A075B677	0.039171728	1.371538989
A0A087WPF5	0.009330016	0.685291046
A0A0A0MQC6	0.020600237	-0.898746369
A0A0A6YWS9	0.011402934	-0.872250694
A0A0A6YX40	0.00357583	1.044941484
A0A0G2JDE8	0	Inf
A0A0G2JDH8	0.016799327	-0.846533868
A0A0G2JDV3	0.022680836	-0.600000544
A0A0G2JEM4	0	Inf
A0A0G2JFW6	0.035109414	0.91226372
A0A0J9YUT8	0	Inf
A0A0R4J0K2	0.017037459	0.62623036
A0A0R4J0S7	0.008911405	1.192483525
A0A0R4J1R1	0.045492089	-0.765250555
A0A0R4J1Y3	0.026603486	-0.660776904
A0A0R4J233	0	Inf
A0A0U1RNL1	0	Inf
A0A0U1RQ27	0.032639229	-0.602028083
A0A140LHU0	0.022438267	0.690206393
A0A140LJ04	0.009899219	0.657276485
A0A141CM51	0.018276723	-0.590653855
A0A1B0GRJ5	0.026856233	-0.626692575
A0A1B0GS08	0.045105187	-1.078447669
A0A1B0GT05	0.038934643	-0.8585075
A0A1D5RLZ8	0.043848802	-0.594997175
A0A1L1SVG6	0.041220599	0.697726981
A0A1W2P8A8	0.037733911	0.79797733
A0A1Z4EAV4	0.003958321	-2.059280233
A0A286YCI1	0.010559891	0.756236729
A0A2I3BQ91	0	Inf
A0A2I3BRZ2	0.032553547	-0.974013479
A0A2R8VI06	0.045350778	0.939418205
A0A338P693	0.001959458	-1.343052486
A0A571BG95	0.006095702	-2.576816718
A0A5F8MPH5	0.042707326	-1.036333149
A0A5F8MPX8	0.004895883	0.77616248
A1L013	0	Inf
A2A4A6	0.02638678	0.909094298
A2A615	0.002723202	-1.286112583
A2A654	0.034695877	1.412787597
A2A7Q5	0.005026539	1.520334058
A2AEB3	0.00356159	1.23823076
A2AFG7	0.039234265	-0.759250307
A2AJK6	0.00709983	2.414322721
A2ANY6	0.004854397	1.011267045
A2BI31	0.003160519	-0.946149811
A2RRJ6	0.004923201	0.691502698
A4FUU4	0	Inf
A4QPD3	0	Inf
A7VMS5	0.006371371	-1.116709001
B1AQ75	0.0370373	-0.764663955
B1AZQ0	0.019252457	-0.866725067
B2RS09	0.011914576	1.476446833

B7STB7	0.038524326	0.702174225
B7ZCA9	0.046009356	0.65358595
B7ZNR0	0.00094852	0.89343043
B7ZW94	0.035536058	0.932053311
B8JK39	0.005054362	-1.59458514
B9EKB3	0.044089821	0.641087804
B9EKI3	0.0014445	-1.635123029
D3YTU2	0.022472542	-0.924931777
D3YU60	0.022467733	-1.017436868
D3YUE7	0.040398647	0.608712941
D3YVU0	7.74E-05	-1.65135386
D3YWS7	0.022336444	-1.046602486
D3YX85	0.043823947	0.688178253
D3YY50	0.02385265	0.897674087
D3Z2R5	0.041602458	0.622718506
D3Z3L3	0.006439179	0.998044164
D3Z600	0	Inf
D3Z6T3	0.041499786	0.980452971
D3Z794	0.026965363	1.119943455
E0CZ42	0.043047643	-1.610741121
E9PV38	0.024403789	2.053304528
E9PWK7	0.033946535	0.737991904
E9PXB0	0.001041097	-1.285286322
E9PXI0	0.019443821	0.748636772
E9PZI9	0.034861237	-0.594768623
E9Q0W8	0.034135782	0.938421783
E9Q634	0.012842913	0.614709025
E9Q8A3	0.033008745	-0.765149889
F6UP77	0.010773868	0.589503598
F6YRW4	0.037789792	1.170264241
F7AA26	0.002648757	0.75655307
F7BT68	0	Inf
F8WGD2	0	Inf
F8WGM5	0.012920929	0.857797406
G3X8T2	0.030529757	0.696699533
G3X963	0.00382612	0.875228743
G5E898	0.016257807	0.823789589
J7NNX8	0.028963135	-0.83982599
O08582	0.018988536	0.639991473
O08796	0.020917241	0.711675147
O08832	0.008279288	-0.737662486
O35136	0.002948165	-1.405140682
O35218	0.046996872	0.646082612
O35604	0.049286742	1.081577477
O35621	0.010613545	1.525776057
O35639	0.004083475	0.707166173
O35640	0.040061533	1.467267239
O54983	0.016959778	0.967129557
O70475	0.044962746	-1.025483935
O88307	0.038170843	0.593174206
O88312	0.008947734	-0.901598871
O88736	0.004616008	1.071639458
O88811	0.008054385	1.082474167
O88879	0.020345593	0.916313359
P00848	0.040999868	-0.876147179
P01654	0.049590802	-0.811128713
P05532	0.003199226	-1.880304155
P11725	0.025114038	-1.351359484

P12804	0.011229275	-1.481848864
P15105	0.018803272	0.772369152
P20060	0.028197979	1.024683524
P20065	0.005764642	0.78996297
P21956	0.03018994	0.924864662
P23906	0.028804568	0.666159296
P24549	0.039045744	-1.121633329
P24815	0.006135741	-2.21341565
P25085	0.022123724	1.221723106
P26150	0.011911459	-2.009098117
P28658	0.037272666	0.593570137
P29416	0.020449246	0.710123657
P39098	0.003979847	-1.058892221
P39429	0.043728714	1.046368909
P47738	0.043277189	0.707365226
P48962	0.018325717	-0.601023397
P50446	0.027747623	-0.734969737
P52795	0.002444619	-2.180641222
P54869	0.000425666	-2.570387595
P55772	0.01872974	0.59016202
P63166	0.038106708	0.636161342
P63239	0.023831006	-0.928260798
P97350	0.039514259	1.344798169
P98203	0.03285323	0.985936898
Q03160	0.004183447	1.006600726
Q059T5	0.012106936	-1.328515405
Q05A75	0.035319814	-1.071424887
Q0PD23	0.010341382	0.86114933
Q148B1	0.001317731	-2.799405383
Q32MS5	0.033627317	-0.860912395
Q3T9E4	0.049154172	-0.71874795
Q3T9H8	0.020460454	0.842005101
Q3TCW3	0.039050654	-0.741439386
Q3TDD9	0.014310649	-0.833519497
Q3TLP5	0.008251343	1.826383926
Q3TWZ3	0	Inf
Q3TYD6	0.03572451	1.142457636
Q3U0P5	0.010566636	-0.803637252
Q3U3C2	0.010672759	1.054050507
Q3U425	0.027321906	1.100529546
Q3U430	0.01972725	2.099939215
Q3U4N2	0.029056904	-1.990008838
Q3U4S0	0	Inf
Q3U536	0.011658059	0.625265786
Q3U816	0.048772093	0.702985397
Q3UGR5	0.041076316	-0.727112739
Q3UH60	0.000761037	0.590583585
Q3UH70	0.037540467	0.781993282
Q3USF0	0	Inf
Q3UWQ9	0.004208672	-1.364158511
Q3UXU8	0.006250407	-1.860825808
Q3UZZ6	0.007182661	-1.153797351
Q504M2	0.046530463	0.928760053
Q546X9	0.032959371	1.224688073
Q549X6	0.002367131	-1.842625133
Q566C3	0.007834796	-1.849528913
Q5DTX1	0.017230335	-2.985237519
Q5F1Z8	0.018186524	0.706236689

Q5JCT0	0.002560786	-1.430365766
Q60GT3	0.016162582	-0.7482124
Q61169	0.008626006	1.26263092
Q61469	0.039270028	-0.651201277
Q66JR8	0.039570979	0.662332799
Q6A0D0	0.048438075	1.499050297
Q6P549	0.046995475	-1.566806755
Q6PCN7	0.005561214	-1.750744468
Q6ZQB6	0.013986946	0.659428977
Q7M759	0.00849139	-0.638775474
Q80VA0	0.007732464	-0.593336549
Q80WR5	0.041244708	-2.390244449
Q80YQ8	0.032665004	2.242530965
Q80YV4	0.045871198	1.031500295
Q80Z19	0.011622575	-0.700921632
Q810S1	0	Inf
Q8BFR4	0.026005427	0.635131291
Q8BG48	0.035548742	2.03266048
Q8BH01	0	Inf
Q8BHJ6	0.038928556	0.616579502
Q8BJW5	0.034512717	-1.07164957
Q8BMP1	0	Inf
Q8BMQ8	0.019657396	1.715762223
Q8BUR9	0.024348446	0.586251344
Q8BX12	0.028751257	0.950664307
Q8BXA5	0.029886934	-0.76439394
Q8BYW1	0.01692013	1.365742932
Q8BZ33	0.000208827	0.957113146
Q8C108	0.019493668	0.985860992
Q8C7S2	0.027354617	0.598617502
Q8CCA5	0	Inf
Q8CE46	0.009847436	1.92649781
Q8CEC6	0.048710433	0.926720369
Q8CEW9	0.041050416	0.687356787
Q8CF89	5.42E-05	2.474568664
Q8CFV9	0.016965931	-0.755179086
Q8CI78	0.033989386	0.808901725
Q8QZY6	0.019323531	0.842650469
Q8R084	0.011711808	-1.153551345
Q8R0K2	0.007992403	0.768506587
Q8R0Y6	0.027529186	0.995402896
Q8R238	0.000144136	0.682773591
Q8R2Y0	0.000164802	-0.75891476
Q8R3P0	0.001587416	4.667380201
Q8R4U7	0.000935063	-1.981479078
Q8VCC1	0.008228949	-1.200866599
Q8VCL2	0	Inf
Q8VCW8	0.002739465	-1.054966078
Q8VDD8	0.042582453	0.607388058
Q8VHK1	0	Inf
Q91VJ1	0.037526776	0.713668443
Q91VW5	0.005541609	0.684898338
Q91WC9	0.004482046	1.117942223
Q91WU0	0.018237025	-1.262589026
Q91YU8	0	Inf
Q921K8	0.000453148	0.980130704
Q99J99	0.03598237	-0.949238637
Q99KG5	0.048483878	1.066541216

Q99LR1	0.039803743	0.696613914
Q99M31	0.016680298	0.736265723
Q99MP8	0.010289459	0.670832033
Q99N16	0.020077904	-1.323537227
Q9CR60	0.038929245	-0.857954857
Q9CWS0	0.004249435	-0.936047217
Q9CYT6	0.001146521	1.673959873
Q9CZB9	0	Inf
Q9CZS1	0.049016003	-0.726912955
Q9D1G3	0.044431043	-1.940468724
Q9D2X6	0.044696614	1.521256376
Q9D6U8	0.00119934	-0.704729259
Q9D787	0.016709045	1.929595619
Q9D8W7	0.028472251	-1.02306601
Q9DC07	0	Inf
Q9DC48	0.018526665	-1.885056572
Q9DD20	0.025986996	-1.336579601
Q9EQQ9	0.006464203	0.587321044
Q9EST1	0.047012619	1.751395033
Q9JI67	0.049097707	-1.014900537
Q9JJ06	0.001023617	-0.819018144
Q9JJC6	0.017154245	1.838506423
Q9JKK7	0.040564985	0.853110196
Q9QY23	0.03910076	0.805254826
Q9R0H0	0.021141309	-0.71311846
Q9R1C0	0	Inf
Q9Z1W8	0.048950905	1.114910057
Q9Z277	0.013571612	0.622054056

Table S14 P5.vs.HDF-MOD.diff_prot

Protein	Pvalue	log2FC
A0A075B5P5	0.040574907	-1.3618594
A0A087WR20	0.008072046	0.631960607
A0A087WRE9	0.01591287	-2.801913886
A0A0A0MQC6	0.013102784	-1.029400404
A0A0A6YVU9	0.003968809	-1.665551348
A0A0A6YX40	0.02490613	0.66669
A0A0G2JDE8	0	Inf
A0A0G2JEA9	0.02856065	1.427379605
A0A0G2JEM4	0	Inf
A0A0G2JFW6	0.028716673	1.156720971
A0A0G2JH17	0.019904253	0.677214759
A0A0R4IZY2	0.018060534	-1.605145763
A0A0R4J041	0.04854746	0.651251811
A0A0R4J0J5	0.025632299	0.810157623
A0A0R4J0K2	0.010281006	0.672201529
A0A0R4J0S1	0.048441911	0.661059845
A0A0R4J101	0.041880705	-0.848655689
A0A0R4J1Y3	0.049966206	-0.622823903
A0A0R4J233	0	Inf
A0A0U1RNF2	0.013239218	0.628230414
A0A0U1RNT8	0.036245354	-0.692358069
A0A140LHC1	0.034916369	0.642385466
A0A140LJB7	0.003073408	0.662459764
A0A140LJB8	0	Inf
A0A1L1SR11	0.02208938	-2.103112928
A0A1Z4EAV4	0.007622514	-1.817376486
A0A2C9F2B5	0	Inf
A0A2U3TZ56	0.040584139	0.687465758
A0A2U3TZF4	0.043113567	0.706281547
A0A2X0SYS9	0.040744042	0.749535492
A0A338P693	0.04136335	-0.773526565
A0A345IT93	0.024314837	-0.978426989
A0A3B0ITG8	0.014009127	0.947100903
A0A3Q4L2Q3	0	Inf
A0A4W9	0.041711973	-0.914570289
A0A571BES1	0	Inf
A0A571BG95	0.005447531	-2.677439797
A0PJK9	0.010752958	-0.902342723
A1E2H8	0.03159211	0.670586731
A1L013	0	Inf
A2A615	0.006471134	-1.074682776
A2A654	0.030241888	1.557756066
A2A6Q8	0.026168053	-2.570870833
A2A8W8	0.039305433	-1.056720389
A2ABV3	0.012840871	0.722313351
A2AE94	0.049918802	0.829244609
A2AEB3	0.000948419	1.330178471
A2AG68	0.011988158	1.033194853
A2AHX9	0.0426161	1.001419176
A2AI08	0.024097209	0.615763351
A2AIY3	0.011345685	1.622153898
A2AQY8	0.049089273	0.759825867
A2BEE9	0.017548563	0.965075976
A2CF65	0.0457538	0.833173481
A3KGL9	0.033363099	1.473535176
A3QM89	0.019678849	-2.795047841

A4FUU4	0	Inf
A5A4Y9	0.025155173	0.693020277
B0QZH9	0.01187348	0.983345703
B1AQ75	0.015630548	-1.013956854
B1AUY7	0.03767752	0.602567428
B1AVH7	0.004990419	0.636686425
B1AYG6	0.037768012	0.777022085
B1AZ46	0.016373637	0.872829617
B2RUJ9	0.049200527	0.623153233
B2RY90	0.033132263	-0.711144874
B7STB7	0.03250992	0.756938415
B7ZN33	0.034123187	0.825202706
B7ZNR0	0.01630967	0.710068606
B7ZWE5	0.002978467	3.366373888
B9EKB3	0.038770065	0.766063689
B9EKG3	0.024585783	1.174794908
C6EQG7	0.033901219	-1.275880151
D3YU58	0.003113738	0.660617189
D3YU80	0.002251789	0.707508061
D3YVU0	0.000251694	-2.237768228
D3YX08	0.027564532	0.725326958
D3YY50	0.006266532	1.322889089
D3YZD8	0.00976554	-0.680501453
D3Z079	0.041103756	0.838250709
D3Z0Z6	0.027478074	1.019199894
D3Z3L3	0.012171592	0.811370305
D3Z3V1	0.047313918	-1.39087675
D3Z5N5	0.006011903	-0.956166319
D3Z5N6	0.016529107	0.670528539
D3Z5T4	0	Inf
D3Z600	0	Inf
D3Z6T3	0.024074399	1.265001576
D3Z794	0.043574039	1.527011549
D3Z7C0	0.042381326	0.765189311
E0CX53	0.027459467	-0.867984673
E0CZ22	0.005850806	0.795199078
E9PV38	0.009693105	1.922489745
E9PWG6	0.044418688	1.362216853
E9PWK7	0.043082452	0.596979568
E9PXI0	0.020335392	0.843063568
E9PY55	0.046604682	0.885072247
E9PYL6	0.01375008	1.236323355
E9Q1B2	0.004729104	-1.48134587
E9Q265	0.045954671	0.664505705
E9Q421	0.039620423	0.703228165
E9Q4T9	0.032058846	0.868097344
E9Q634	0.023056084	0.720268747
E9Q6K1	0.024136607	0.608336145
E9Q7D5	0.040084118	1.505180115
E9Q7N5	0.016143501	0.715416003
E9QB01	0.000581219	-0.835279984
E9QLL2	0.006315412	-0.62700949
E9QN12	0.022241617	0.654301736
E9QNL5	0.042797432	-1.064426413
E9QPD7	0.020395402	0.966440912
F2Z3U4	0.024877491	-1.128390536
F6SRV1	0.034723356	0.661058165
F6U529	0.042423057	0.672302574

F7ACR9	0.041899251	2.482487541
F8VQ79	0.014274275	-0.943769237
F8WHW6	0.038292017	0.836446305
F8WIJ0	0.032125744	1.015445225
G1UCX4	0.014727718	-1.063577626
G3UYU5	0.0234913	-0.706372739
G3X8T2	0.002067951	0.78858629
G5E898	0.02127746	0.861855905
G5E8L8	0	Inf
G5E8U9	0	Inf
H3BL34	0	Inf
I7DM66	0.011215322	-0.701517593
J3QNU6	0.002498996	-0.645116956
K4DI58	0.043718721	-1.386970001
O08832	0.004907978	-0.723163779
O08919	0.028757517	-0.794777272
O35127	0	Inf
O35136	0.006491195	-1.408120348
O35215	0.001559108	0.618842781
O35621	0.032175458	1.605335934
O35640	0.038322543	1.358179919
O35954	0.02755992	-1.123304649
O54833	0.026061772	0.58590784
O54983	0.021114015	0.869971632
O55100	0.00176778	-0.872402394
O70475	0.031034883	-0.9411306
O70572	0.014932801	-0.644193474
O88312	0.00401961	-1.111069238
O88736	0.039373117	0.686206426
O88879	0.001182197	1.599698547
O89086	0.00179026	0.67846321
P00329	0.02923063	1.430386997
P01756	0.047474919	1.038636503
P03995	0.014823753	-0.669393846
P04104	0.028174081	-0.944168147
P04925	0.035790058	-0.674312499
P05532	0.011323066	-1.282741488
P05533	0	Inf
P11438	0.025401589	0.646407839
P11725	0.009499305	-1.360538122
P12804	0.034873613	-1.235605255
P12960	0.02275696	-1.167431265
P13634	0.019517447	-2.737787129
P15105	0.018011438	0.752160735
P20060	0.004558264	0.893427795
P20065	0.025883045	0.652880968
P24549	0.025754331	-1.180764219
P24815	0.001789987	-2.741341831
P25085	0.002426907	1.555677595
P26150	0.011223696	-1.913342902
P32261	0.00465037	0.609672964
P35285	0.041743529	-1.078567993
P37889	0.034410446	0.643367662
P38060	0.014626534	-0.688978201
P42232	0.027178876	0.596983293
P43024	0.047029906	-0.957067169
P47738	0.01627294	0.751627623
P47867	0.002944938	-1.440980909

P48962	0.011374851	-0.590527992
P49182	0.043222481	-0.687349168
P52795	0.002405712	-1.88101526
P54869	0.000372388	-2.852133882
P55095	0.044495899	-1.296895662
P63239	0.013356388	-0.986389927
P63268	0.023575103	-2.001347292
P70280	0.042148954	0.644066279
P80560	0.013502335	1.061363157
P97298	0.035544439	0.710110061
P97350	0.008405268	1.073477166
P97452	0.045926941	0.59504666
P97770	0.035579863	0.711696676
P97797	0.013339425	0.699017562
P97825	0.019310129	0.60431727
Q03160	0.021844724	0.615892659
Q03517	0.017821504	-0.982560427
Q05117	0.017493245	0.766570568
Q059T5	0.010522563	-0.873218754
Q05A75	0.010536462	-1.005897261
Q05DI2	0.026018593	2.058618927
Q07417	0.023516959	-0.608949236
Q08189	0.023211132	2.598130178
Q08331	0.01884627	-1.100741929
Q0P6I6	0.033688373	-2.600646029
Q0VGU0	0.009111062	0.63118729
Q148B1	0.033912656	-2.051092853
Q1A602	0.045689855	0.614394665
Q1JPR8	0.027913567	-1.021391179
Q3TB11	0.047731675	0.956408864
Q3TCU2	0.047135178	1.109974596
Q3TDD9	0.011671109	-1.583702538
Q3TDX8	0.047576524	-1.617709204
Q3TEZ2	0.040601931	0.640961854
Q3TFP0	0.013349702	0.696773675
Q3TGI0	0.047528411	0.854731486
Q3TH64	0.038250572	-0.733676202
Q3TH99	0.018810083	0.702423173
Q3TJ28	0.016798445	1.039262178
Q3TN34	0.04048115	0.590097048
Q3TQB2	0.027463002	-0.970758018
Q3TZG8	0.001939134	-0.788642042
Q3U0F2	0.003335826	0.889048366
Q3U1V6	0.029594687	-2.744926505
Q3U3C2	0.028388236	0.905122239
Q3U3R4	0.038703976	-1.11459509
Q3U4N2	0	Inf
Q3UC32	0	Inf
Q3UDW8	0.006233725	0.644003816
Q3UGS4	0.021468066	0.734932625
Q3UH06	0	Inf
Q3UIR2	0.017770395	0.933795091
Q3URG1	0.037031597	-0.63251785
Q3USF0	0	Inf
Q3UVC9	0	Inf
Q3UWI3	0.032288908	-0.811319192
Q3UWQ9	0.003677485	-1.362090534
Q3UZZ6	0.014183684	-0.902647861

Q3V0N8	0.042487329	0.810164313
Q504M2	0.021813283	0.96088436
Q545J3	0.015611915	0.792132795
Q546X9	0.012882728	1.377232162
Q549X6	0.001073334	-1.721275197
Q566C3	0.027220658	-2.000173553
Q5FWI3	0.041237885	1.15240221
Q5JCT0	0.004296973	-1.108108574
Q5RKZ7	0.048056313	-1.017071944
Q60590	0.027368377	1.0988408
Q60GT3	0.002219607	-0.990401545
Q61469	0.021971628	-0.838743301
Q61555	0.014125973	0.916324893
Q61789	0.041696013	0.840102853
Q62469	0.021692867	-0.603602797
Q62470	0.008119801	0.660602901
Q64299	0.015103236	-0.708175458
Q69ZC8	0	Inf
Q6A0D0	0.006336041	1.456841002
Q6NS52	0	Inf
Q6P549	0.011122346	-1.678335202
Q6P5F7	0	Inf
Q6P6I6	0.011949763	1.737663501
Q6P6J9	0.042863956	1.461914811
Q6P6M5	0.021600134	0.604529741
Q6PAC3	0.007668009	1.073569641
Q6PAV2	0.045483474	0.654866434
Q6PCN7	0.025905179	-1.169214455
Q6PJN8	0.039459899	-1.533205218
Q711T7	0.028998321	0.946050594
Q71RI9	0.030329603	0.68972926
Q7M759	0.032531281	-0.722968241
Q7TQ62	0.033108897	0.907159047
Q7TSJ2	0.049540144	-0.621201877
Q80TR8	0.012029954	0.656111658
Q80VH1	0	Inf
Q80ZW2	0.013109543	-1.258532958
Q812G0	0.014209314	0.882935371
Q8BG60	0.045347114	2.037909241
Q8BGT1	0.004253548	-0.806794604
Q8BHJ6	0.029113052	0.733926304
Q8BJF9	0.000867072	0.83037145
Q8BK03	0.000949958	-1.797112136
Q8BMA3	0	Inf
Q8BMQ8	0.011418034	1.153357839
Q8BND5	0.026881145	0.866913509
Q8BPP1	0.029623471	-1.127235213
Q8BPZ8	0	Inf
Q8BVF2	0.007214095	0.83672138
Q8BVU5	0.001408438	0.682984167
Q8BXR1	0.025414185	-1.238412775
Q8BY82	0.033670102	1.475220885
Q8BZR9	0.019143602	0.682899351
Q8C0Y2	0.004904891	-0.878807857
Q8C3I8	0.018655347	0.61682174
Q8C3X2	0.016317546	1.618154591
Q8C460	0.002044407	-1.316705019
Q8C5Y6	0.037691938	1.188526087

Q8C7S2	0.008858503	0.637222983
Q8CCA5	0	Inf
Q8CEW9	0.031829352	0.871162261
Q8CJF9	0	Inf
Q8K199	0.026640373	2.037169659
Q8QZY6	0.033505808	0.658879369
Q8R034	0	Inf
Q8R084	0.027587306	-0.81447149
Q8R0K2	0.001191215	1.368086639
Q8R0Y6	0.018534118	1.191199186
Q8R191	0.021224749	-0.994564183
Q8R238	0.006505907	0.637558474
Q8R2Y0	0.005934007	-0.632536659
Q8R3P6	0.021774111	-1.608527454
Q8VBZ3	0.004502429	0.585985491
Q8VCC1	0.029333934	-0.8335985
Q8VCT4	0.014844018	-0.969980732
Q8VCW8	0.001040208	-1.166465868
Q91VE6	0.033719614	0.666569169
Q91W87	0.03883639	1.230524749
Q91WU0	0.005159417	-1.568644294
Q91XG7	0.000350561	0.74625532
Q920E7	0.02441974	1.45318009
Q921C5	0	Inf
Q921W7	0.049524162	0.784999254
Q923B6	0	Inf
Q923L7	0.014319259	-1.294139406
Q99J99	0.012094624	-0.808381106
Q99KG5	0.01314323	0.944400986
Q9CR80	0.011188515	1.09755222
Q9CWS0	0.010828458	-0.751730342
Q9CWW6	0.037548124	0.626145955
Q9CYT6	0.001725648	1.207175398
Q9CZ83	0.049792288	-1.00670531
Q9D0B6	0.042446053	0.729759393
Q9D1H9	0.029997912	-0.971858482
Q9D2X6	0.045562642	1.640440951
Q9D306	0.020762681	-1.516128949
Q9D3W4	0.025877726	1.484639755
Q9D6U8	0.000527013	-0.754002542
Q9D6Y7	0.044460179	-0.665355607
Q9D706	0.029604233	1.463211711
Q9D7V1	0.022531186	1.096263504
Q9D8W7	0.008816238	-1.197226486
Q9DB60	0.009345217	0.840913323
Q9DBK7	0.040375069	0.657847371
Q9DCM0	0.038632667	-0.72950499
Q9DD20	0.016217148	-1.32027154
Q9EQP6	0.022542634	-1.428543866
Q9JJ06	0.000168336	-0.796636261
Q9JJC6	0.026708252	1.788724843
Q9QUG9	0.047228205	-0.718811581
Q9QY23	0.005983147	1.069196524
Q9R1C0	0	Inf
Q9Z1W8	0.028030393	1.944819669
S4R2K0	0	Inf

Supplementary materials 1

Qualitative analysis of chemical composition of Xianlian Jiedu Compound based on UPLC-LTQ-Orbitrap-MS

1 Instrument and Materials

1.1 Instrument

Dionex Ultimate ultra-high-performance liquid chromatography， LTQ-Orbitrap Velos Pro mass spectrometer（Thermo，United States）; Waters ACQUITY UPLC BEH C18 column (2.1 mm×100 mm, 1.7 μm); Xcalibur 3.0 mass spectrometry workstation software, Metworks 1.3 and Mass Frontier 7.0 analysis software (Thermo，United States)，WH-Mini Vortex Mixer（Huxi Analysis Instrument Factory, Shanghai , China）; BT125 electronic balance(sartorius，Germany)；Anke GL-16GII centrifuge(Anting Scientific Instrument Factory, Shanghai, China); KQ-250E ultrasonic cleaner(Hechuang Ultrasonic, Kunshan,China); EPED ultrapure water system(Yida Technology Development Co, Nanjing, China)

1.2 Materials

Chemical standard Astragaloside IV, Verbasil-7-O-β-D glucoside, Verbasil isoflavone glycosides were purchased from Chengdu Biopurify Technology Development Co; Quercetin, Luteolin, (+)-catechin, Atractylone, Atractylactone I, Atractylactone II, Kaempferol, β-sitosterol, curcumin, curcumol, berberine, coptisine, and berberine were all purchased from Shanghai Yuanye Biological Technology Co. matrine, oxynitrazine Ginseng was purchased from Nanjing Chunqiu Biological Engineering Co, (HPLC ≥ 98%). The freeze-dried powder of Xianlian Jiedu Compound was made by the laboratory. Methanol (MS grade, Merck), acetonitrile (MS grade, Merck), formic acid (MS grade, Shanghai Maclean Biochemical Technology Co.).

2 Method

2.1 Analytical Conditions of UPLC-LTQ-Orbitrap-MS.

The mobile phase comprised 0.1% formic acid (v/v) aqueous solution (A) and acetonitrile (B). The elution gradient was set as follows: 0.0–4.5 min, 5.0% B; 4.5–6.0 min, 5.0–15.0% B; 6.0–7.5 min, 15% B; 7.5-9 min，15%-

18% B；9-11 min，18%-27% B；11-16 min，27%-35% B；16-18 min，35%-60% B；18-20 min，60%-5% B.The flow rate was 0.4 mL/min, and the injection volume was 2 μL, with the autosampler conditioned at 30°C.The electron Spray Ionization (ESI), full scanning was used with a scan range of m/z 80–1,500. mass spectrometer parameters: capillary temperature, 275°C; and the sheath (N2) and auxiliary gas (He) flow rates of 40 and 10 arbitrary units, respectively. The secondary mass spectrometer adopts the trigger mode of dynamic data dependent analysis mode, and selects the highest peak of the upper level for collision-induced dissociation (CID)

2.2 Preparation of Standard and Quality Control Samples

Preparation of control Samples: accurately weigh astragaloside IV, verbasil-7-O-β-D glucoside, verbasil isoflavone glycosides quercetin, Luteolin, (+)-catechin, atractylone, atractylactone I, atractylactone II, kaempferol, β-sitosterol, curcumin, curcumol, berberine, berberine, and coptisine standard in appropriate amounts, formulated with 60% methanol to a mass concentration of 2.46, 1.14, 2.65, 1.28, 2.37, 1.76, 2.40, 1.62, 1.18, 3.08, 0.95, 2.82, 0.708, 0.094, 0.072 mg/mL control solution respectively .

Preparation of sample solution: accurately weigh 13.5 mg freeze-dried powder of Xianlian Jiedu Compound into a volumetric flask, dilute to 1 mL with 60% methanol, sonicate for 30 minutes, and centrifuge twice (13000 rpm, 4°C) for 10 minutes each time.

2.3 Data Analysis

Determine the total ion chromatogram of Xianlian Jiedu Compound freeze-dried powder in positive ion mode. The software Xcalibur 3.0 (Thermo，United States) were employed to process the UPLC-MS data. To ensure the reliability of the identification results, those peaks was compared with standard samples.

3 Results

Total ion current chromatogram freeze-dried powder of Xianlian Jiedu Compound (**Figure 1**). 10 compounds were detected(**Table 1**).