

Supplementary Figures

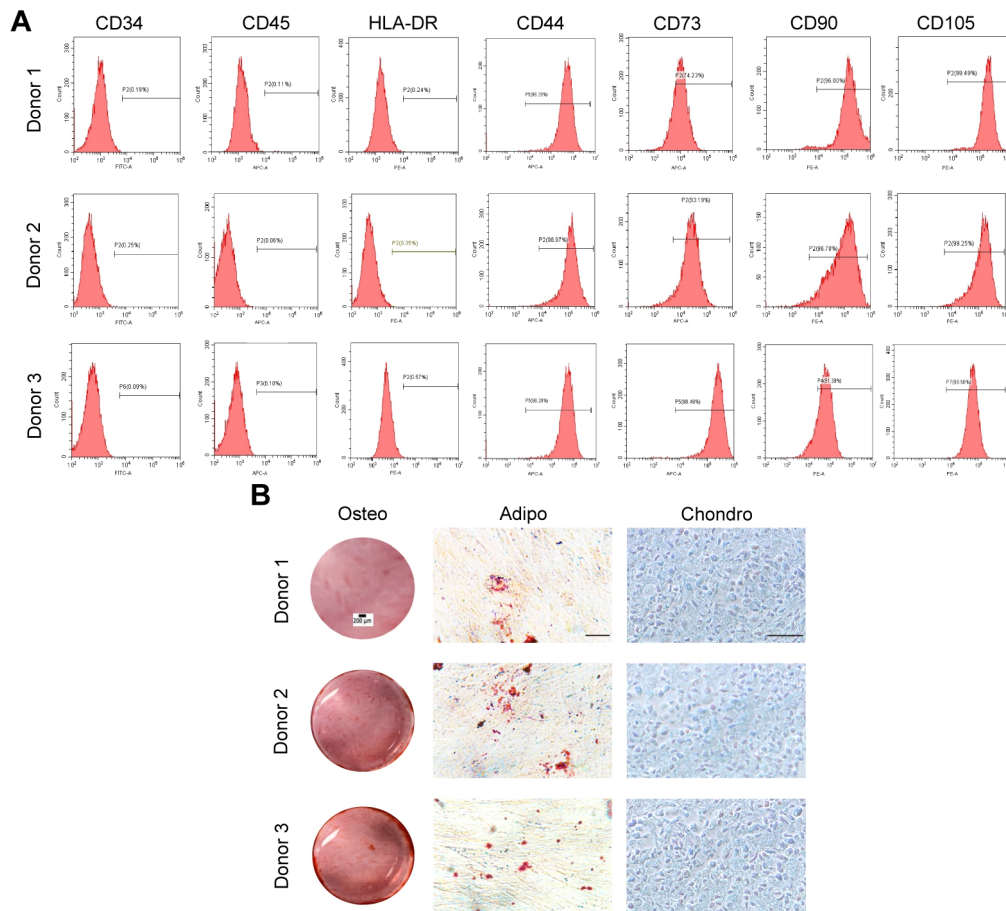


Figure S1 Characterization of SNTSCs. **(A)** Flow cytometric analyses of SNTSCs. **(B)**

Representative images of Alizarin Red S, Oil Red O staining and Alcian blue staining of the chondrogenic pellets. (Scale = 200 μ m, 50 μ m, 50 μ m.)

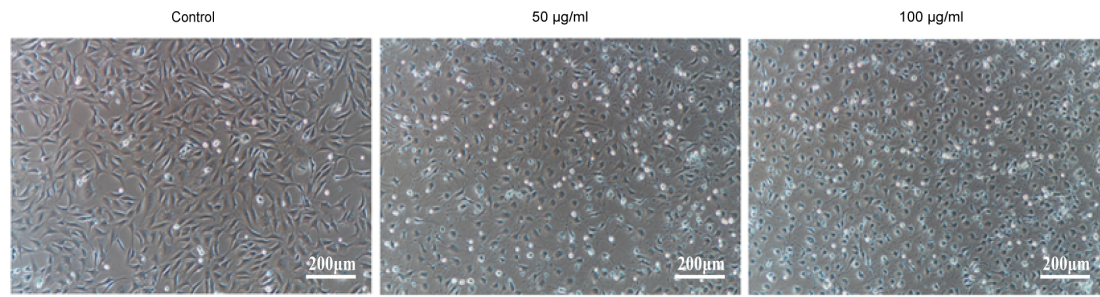


Figure S2 Images of HUVECs under high dose of SNTSC-ApoEVs for 3 days. After 3 days of SNTSC-ApoEVs treatment, the morphology of HUVECs altered in the 50 µg/ml and 100 µg/ml groups. (Scale = 200 µm.)

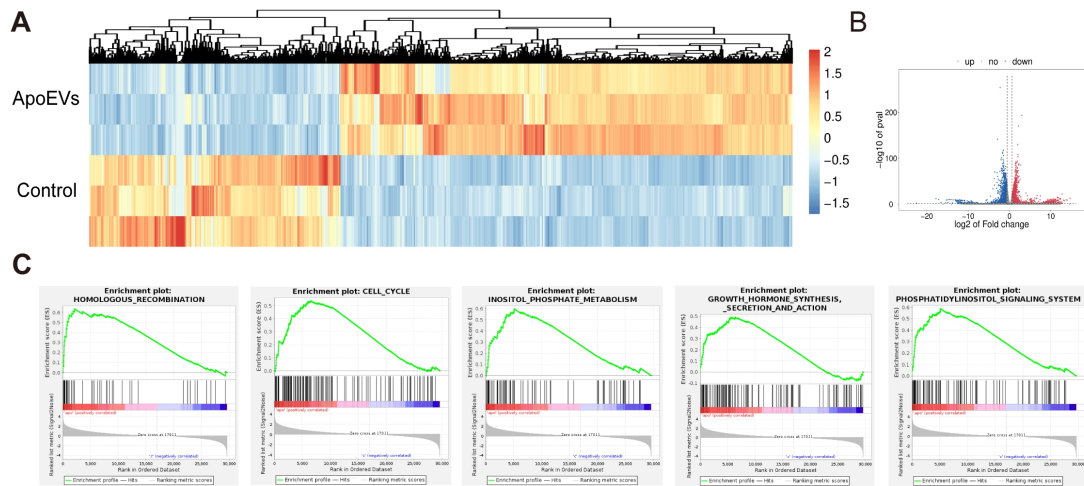


Figure S3 SNTSC-ApoEVs modulated gene expression of HUVECs. **(A)** Heatmap of the 5863 differentially expressed genes between the control and SNTSC-ApoEVs-treated groups. **(B)** Volcano plot showing upregulated (red dots) and downregulated (blue dots) genes. **(C)** GSEA-KEGG pathway analysis of significantly upregulated genes in HUVECs treated with SNTSC-ApoEVs.

Table S1. List of all the proteins identified during proteomic analysis.

Protein	SNTSC-ApoEVs-1-Free Quant	SNTSC-ApoEVs-2-Free Quant	SNTSC-ApoEVs-3-Free Quant
sp P04217 A1BG_HUMAN	2609.4734	951.8012	5905.8574
sp P01023 A2MG_HUMAN	87603.72	41753.164	8388.063
sp Q13685 AAMP_HUMAN	350.2976	NaN	8823.477
sp P49588 SYAC_HUMAN	5024.3545	NaN	41180.617
sp Q9BTE6 AASD1_HUMAN	165.9613	NaN	1842.9047
sp Q8WWZ4 ABCAA_HUMAN	12847.383	2773.0107	11965.486
sp Q9BZC7 ABCA2_HUMAN	NaN	445.12476	10952.443
sp P08183 MDR1_HUMAN	3084.8516	NaN	3738.9941
sp O95342 ABCBB_HUMAN	1445.5498	NaN	10996.757
sp P33527 MRP1_HUMAN	8668.512	NaN	3240.685
sp O15438 MRP3_HUMAN	2344.4956	NaN	1948.8894
sp O15439 MRP4_HUMAN	7263.263	NaN	3287.0205
sp P33897 ABCD1_HUMAN	640.4852	NaN	4731.1895
sp P28288 ABCD3_HUMAN	7002.9683	NaN	344.92822
sp P61221 ABCE1_HUMAN	4092.622	NaN	2075.5242
sp Q8NE71 ABCF1_HUMAN	4763.7324	NaN	677.8869
sp Q9UG63 ABCF2_HUMAN	6069.9937	NaN	2864.3306
sp Q9NUQ8 ABCF3_HUMAN	1695.6232	NaN	6504.0635
sp Q9NUJ1 ABHDA_HUMAN	2080.8555	NaN	6382.0503
sp Q8N2K0 ABD12_HUMAN	1563.6064	NaN	824.0261
sp Q96IU4 ABHEB_HUMAN	615.2934	NaN	295.3051
sp O95870 ABHGA_HUMAN	900.433	NaN	1511.7329
sp Q8IZP0 ABI1_HUMAN	1855.5247	NaN	4221.518
sp Q9P1F3 ABRAL_HUMAN	760.6892	NaN	4578.725
sp Q15018 ABRX2_HUMAN	244.82051	NaN	5163.6157
sp P09110 THIK_HUMAN	5710.8022	NaN	6337.867
sp P42765 THIM_HUMAN	8086.7676	354.12115	11228.293
sp Q13085 ACACA_HUMAN	1562.7046	NaN	20009.11
sp Q9H845 ACAD9_HUMAN	2556.0828	NaN	10100.912
sp P11310 ACADM_HUMAN	379.35306	NaN	5243.597
sp P49748 ACADV_HUMAN	10166.151	494.12253	10031.679

sp P16112 PGCA_HUMAN	298.93323	NaN	467.99506
sp Q15057 ACAP2_HUMAN	1962.4823	NaN	10376.246
sp P24752 THIL_HUMAN	7174.4434	280.76428	21021.201
sp Q9BWD1 THIC_HUMAN	7342.113	NaN	8914.313
sp Q9H3P7 GCP60_HUMAN	757.364	NaN	4328.8276
sp P53396 ACLY_HUMAN	12863.405	484.6665	17484.727
sp P21399 ACOHC_HUMAN	8505.414	NaN	11384.359
sp Q99798 ACON_HUMAN	6196.643	204.41548	5689.748
sp O00154 BACH_HUMAN	9785.595	NaN	1700.7755
sp Q9Y305 ACOT9_HUMAN	5528.902	NaN	29321.455
sp Q15067 ACOX1_HUMAN	723.1584	NaN	4233.865
sp O15254 ACOX3_HUMAN	556.8563	NaN	8299.368
sp P24666 PPAC_HUMAN	1973.9869	NaN	23070.836
sp P11117 PPAL_HUMAN	4246.2656	NaN	2488.7173
sp P33121 ACSL1_HUMAN	4239.8154	NaN	605.40247
sp O95573 ACSL3_HUMAN	13753.62	993.3939	10698.082
sp O60488 ACSL4_HUMAN	13471.306	788.00464	2971.5906
sp Q9NR19 ACSA_HUMAN	455.29404	NaN	15701.227
sp P60709 ACTB_HUMAN	593.9885	6297.0776	9398.611
sp Q562R1 ACTBL_HUMAN	505.35315	NaN	18381.188
sp P68032 ACTC_HUMAN	42646.48	96.508896	2199.181
sp P63261 ACTG_HUMAN	297187.12	52739.61	2888.693
sp O96019 ACL6A_HUMAN	341.02496	NaN	3139.8064
sp P12814 ACTN1_HUMAN	54439.83	9989.031	5687.754
sp O43707 ACTN4_HUMAN	22837.635	2519.5732	17207.945
sp Q9NZ32 ARP10_HUMAN	2168.3481	NaN	3592.6365
sp P61163 ACTZ_HUMAN	10633.571	NaN	9876.525
sp P42025 ACTY_HUMAN	900.6736	NaN	444.50073
sp P61160 ARP2_HUMAN	17080.06	0	5125.4062
sp P61158 ARP3_HUMAN	15082.909	815.31537	17217.836
sp Q04771 ACVR1_HUMAN	8556.978	NaN	338.60892
sp P00813 ADA_HUMAN	87.73685	1376.8369	60541.066
sp O14672 ADA10_HUMAN	6100.67	NaN	32985.23

sp Q13443 ADAM9_HUMAN	6193.034	NaN	9558.032
sp P55265 DSRAD_HUMAN	419.33014	NaN	18393.203
sp O60503 ADCY9_HUMAN	759.21173	NaN	12830.398
sp P35611 ADDA_HUMAN	3779.2373	NaN	21922.047
sp Q9UEY8 ADDG_HUMAN	4820.007	NaN	4062.6345
sp Q96PE1 AGRA2_HUMAN	268.12	NaN	3083.5576
sp P48960 AGRE5_HUMAN	5387.319	NaN	179.22346
sp P11766 ADHX_HUMAN	9756.6	NaN	19151.129
sp Q9BV57 MTND_HUMAN	986.0338	NaN	8529.311
sp P55263 ADK_HUMAN	3456.6372	NaN	2437.754
sp Q9BRR6 ADPGK_HUMAN	4745.136	NaN	8667.611
sp Q16186 ADRM1_HUMAN	1035.7169	NaN	9194.835
sp P30566 PUR8_HUMAN	2653.961	NaN	21942.44
sp P30520 PURA2_HUMAN	4918.8535	NaN	4233.8696
sp Q9Y4W6 AFG32_HUMAN	265.0688	NaN	12058.481
sp P43652 AFAM_HUMAN	1299.6733	NaN	71073.42
sp P02771 FETA_HUMAN	24486.97	18888.578	998.1627
sp P20933 ASPG_HUMAN	489.07352	NaN	12494.095
sp Q53H12 AGK_HUMAN	1922.0356	NaN	18692.846
sp Q99943 PLCA_HUMAN	2449.8364	NaN	2772.4426
sp O00116 ADAS_HUMAN	4386.608	NaN	633.579
sp P01019 ANGT_HUMAN	1367.367	453.57883	6534.1826
sp Q6RW13 ATRAP_HUMAN	4373.4697	NaN	767.15894
sp P23526 SAHH_HUMAN	6492.8057	903.97107	8734.977
sp O43865 SAHH2_HUMAN	5816.5127	NaN	19260.74
sp Q09666 AHNK_HUMAN	24137.02	5096.805	6696.4204
sp O95433 AHSA1_HUMAN	15110.779	NaN	8168.584
sp P02765 FETUA_HUMAN	33780.902	18617.684	10678.939
sp O95831 AIFM1_HUMAN	1162.6565	NaN	14376.5
sp Q9BRQ8 FSP1_HUMAN	3599.1235	NaN	23911.855
sp Q9NVV5 AIG1_HUMAN	543.0348	NaN	20411.502
sp Q12904 AIMP1_HUMAN	1605.7546	NaN	24456.398
sp Q13155 AIMP2_HUMAN	5648.804	NaN	3261.844

sp O00170 AIP_HUMAN	880.289	NaN	13958.043
sp P00568 KAD1_HUMAN	6975.6865	351.69476	2618.2812
sp P54819 KAD2_HUMAN	1368.9336	NaN	4758.1255
sp Q9UIJ7 KAD3_HUMAN	5819.355	159.26997	5514.817
sp Q9Y6K8 KAD5_HUMAN	756.0431	NaN	923.39935
sp Q9UKA4 AKA11_HUMAN	1053.3514	NaN	1441.7335
sp Q02952 AKA12_HUMAN	2881.1365	NaN	18502.9
sp Q9Y2D5 AKAP2_HUMAN	2502.2468	NaN	3545.931
sp P14550 AK1A1_HUMAN	6266.3916	117.517395	6525.5337
sp P15121 ALDR_HUMAN	8637.022	2771.6091	1426.9509
sp Q04828 AK1C1_HUMAN	6172.7075	NaN	305.92224
sp O43488 ARK72_HUMAN	3933.4023	NaN	3568.894
sp P31749 AKT1_HUMAN	3414.4875	NaN	28279.215
sp P31751 AKT2_HUMAN	936.25354	NaN	2847.183
sp P02768 ALBU_HUMAN	84179.43	142621.2	14709.26
sp Q13740 CD166_HUMAN	11823.182	489.70105	4383.873
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sp P54886 P5CS_HUMAN	7428.319	NaN	5085.8184
sp P47895 AL1A3_HUMAN	17046.96	NaN	14487.832
sp P30837 AL1B1_HUMAN	861.0027	NaN	22884.371
sp P05091 ALDH2_HUMAN	4959.2734	619.2818	530.1398
sp P51648 AL3A2_HUMAN	4924.26	NaN	11656.408
sp P43353 AL3B1_HUMAN	1784.0701	NaN	6669.4614
sp Q02252 MMSA_HUMAN	584.3071	NaN	8887.834
sp P49419 AL7A1_HUMAN	14004.54	151.25279	5431.6523
sp P49189 AL9A1_HUMAN	5355.593	NaN	15290.612
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sp Q9BT22 ALG1_HUMAN	3228.5093	NaN	343.92642
sp Q9H553 ALG2_HUMAN	4423.91	NaN	6799.1025
sp Q9Y673 ALG5_HUMAN	2363.815	NaN	10879.949
sp P05186 PPBT_HUMAN	2455.4067	NaN	348.09393
sp Q86V81 THOC4_HUMAN	616.12256	NaN	9859.205

sp P02760 AMBP_HUMAN	8955.685	6528.9746	1472.1002
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sp Q01433 AMPD2_HUMAN	1044.5107	NaN	11511.609
sp P49418 AMPH_HUMAN	259.99646	NaN	20487.854
sp P04746 AMYP_HUMAN	1546.7367	289.92618	5739.533
sp Q9UKU9 ANGL2_HUMAN	223.80627	NaN	2377.862
sp Q9P2R3 ANFY1_HUMAN	4002.8928	NaN	941.3776
sp Q8IZ07 AN13A_HUMAN	4251.6006	NaN	5939.61
sp O15084 ANR28_HUMAN	653.93	NaN	3276.557
sp Q9NW15 ANO10_HUMAN	5337.5195	1636.9127	8682.667
sp Q4KMQ2 ANO6_HUMAN	3606.6443	NaN	3059.7122
sp P39687 AN32A_HUMAN	2125.654	NaN	771.8324
sp Q92688 AN32B_HUMAN	176.53188	NaN	279.47684
sp Q9BTT0 AN32E_HUMAN	331.13922	NaN	4494.908
sp P15144 AMPN_HUMAN	14963.3955	NaN	3638.3086
sp Q9H6X2 ANTR1_HUMAN	4238.098	91.76	24253.377
sp P58335 ANTR2_HUMAN	3224.457	NaN	8966.382
sp P04083 ANXA1_HUMAN	201218.9	17701.984	8235.747
sp P50995 ANX11_HUMAN	16141.168	1809.5227	3281.3599
sp P07355 ANXA2_HUMAN	310493.8	33631.17	6687.031
sp P12429 ANXA3_HUMAN	8779.391	NaN	8692.793
sp P09525 ANXA4_HUMAN	20488.742	3409.9846	12256.412
sp P08758 ANXA5_HUMAN	172161.88	17325.92	15048.378
sp P08133 ANXA6_HUMAN	146314.86	7377.661	26273.76
sp P20073 ANXA7_HUMAN	12942.181	919.63965	8371.963
sp O75106 AOC2_HUMAN	1267.4272	NaN	32586.395
sp Q10567 AP1B1_HUMAN	12778.731	820.43054	1447.8958
sp O43747 AP1G1_HUMAN	1597.7224	NaN	19388.934
sp Q9BXS5 AP1M1_HUMAN	4836.386	NaN	1229.4689
sp P61966 AP1S1_HUMAN	772.5262	NaN	19698.877
sp O95782 AP2A1_HUMAN	10886.188	NaN	6043.1353
sp O94973 AP2A2_HUMAN	4203.9204	NaN	11552.305

sp P63010 AP2B1_HUMAN	5190.247	NaN	12351.137
sp Q96CW1 AP2M1_HUMAN	14989.996	NaN	28413.736
sp P53680 AP2S1_HUMAN	1442.8018	NaN	7562.698
sp O00203 AP3B1_HUMAN	5958.749	376.94485	10374.878
sp O14617 AP3D1_HUMAN	3644.9524	NaN	14249.952
sp Q9Y2T2 AP3M1_HUMAN	3189.9128	NaN	23185.822
sp Q92572 AP3S1_HUMAN	973.12714	NaN	15504.749
sp P13798 ACPH_HUMAN	4266.5728	NaN	6876.3657
sp P27695 APEX1_HUMAN	6888.871	NaN	1570.6892
sp Q96BI3 APH1A_HUMAN	720.28577	NaN	16228.586
sp Q8WW43 APH1B_HUMAN	285.79758	NaN	10014.0205
sp Q9BZZ5 API5_HUMAN	349.62317	NaN	9288.61
sp Q06481 APLP2_HUMAN	5934.165	NaN	10093.719
sp Q9HDC9 APMAP_HUMAN	9850.699	1467.98	10552.908
sp P02647 APOA1_HUMAN	19722.398	13725.328	2810.9082
sp P02652 APOA2_HUMAN	859.0045	1160.4952	3614.157
sp P06727 APOA4_HUMAN	3263.0999	462.4463	7351.015
sp P04114 APOB_HUMAN	9930.184	2671.026	11104.701
sp Q9NRW3 ABC3C_HUMAN	2273.006	NaN	174.80054
sp P02656 APOC3_HUMAN	17065.482	748.4058	4193.2905
sp P02649 APOE_HUMAN	8651.611	1226.0416	43019.93
sp P02749 APOH_HUMAN	6909.1665	1115.5247	15537.513
sp Q9BQE5 APOL2_HUMAN	4115.4854	1068.5967	3962.4253
sp O95445 APOM_HUMAN	212.00978	NaN	284.02527
sp Q6UXV4 MIC27_HUMAN	83.06569	NaN	1436.4304
sp P05067 A4_HUMAN	7073.3506	NaN	2851.9512
sp Q8NEU8 DP13B_HUMAN	4249.7637	NaN	26523.684
sp P07741 APT_HUMAN	7726.619	158.95462	9667.773
sp Q96P48 ARAP1_HUMAN	317.51605	NaN	5477.716
sp P48444 COPD_HUMAN	7207.8086	NaN	1395.5874
sp P61204 ARF3_HUMAN	13543.308	1597.1271	5809.4365
sp P18085 ARF4_HUMAN	21622.258	1150.0178	10000.189
sp P84085 ARF5_HUMAN	2121.888	NaN	3641.8645

sp P62330 ARF6_HUMAN	5907.751	NaN	9077.371
sp Q8N6T3 ARFG1_HUMAN	1034.6937	NaN	24898
sp Q8N6H7 ARFG2_HUMAN	248.37779	NaN	2373.8296
sp Q9Y6D6 BIG1_HUMAN	641.6954	NaN	12755.492
sp Q9Y6D5 BIG2_HUMAN	3298.433	NaN	6786.1777
sp P53367 ARFP1_HUMAN	2021.4989	NaN	8232.502
sp Q13795 ARFRP_HUMAN	222.06317	NaN	3297.8325
sp Q07960 RHG01_HUMAN	5014.708	NaN	4474.869
sp Q68EM7 RHG17_HUMAN	1663.3335	NaN	2241.7341
sp Q9NRY4 RHG35_HUMAN	330.58508	NaN	5434.2607
sp P52565 GDIR1_HUMAN	17810.36	1174.8566	33990.867
sp Q92888 ARHG1_HUMAN	5689.2246	NaN	5316.177
sp O15013 ARHGA_HUMAN	2254.5498	NaN	1479.9464
sp Q9Y4X5 ARI1_HUMAN	477.947	NaN	12369.671
sp P40616 ARL1_HUMAN	8095.9937	NaN	37261.8
sp P36404 ARL2_HUMAN	1571.5192	NaN	2003.7097
sp P36405 ARL3_HUMAN	3696.5862	NaN	3451.0833
sp Q9H0F7 ARL6_HUMAN	599.54456	NaN	2611.8894
sp Q15041 AR6P1_HUMAN	5729.752	NaN	2736.1858
sp O75915 PRAF3_HUMAN	4530.3794	NaN	17903.195
sp Q96BM9 ARL8A_HUMAN	976.1629	NaN	3313.9888
sp Q9NVJ2 ARL8B_HUMAN	4357.6875	514.9091	14925.87
sp Q6NxE6 ARMC6_HUMAN	886.81726	NaN	3308.0103
sp Q7Z3E5 ARMC9_HUMAN	431.7297	NaN	10838.2705
sp Q9P291 ARMX1_HUMAN	353.76294	NaN	3734.9817
sp Q7L311 ARMX2_HUMAN	206.82494	NaN	10475.97
sp Q9UH62 ARMX3_HUMAN	4213.5376	NaN	3609.7283
sp Q9H993 ARMT1_HUMAN	535.21716	NaN	6967.1426
sp Q92747 ARC1A_HUMAN	2368.31	434.7789	258.08243
sp O15143 ARC1B_HUMAN	11262.293	164.6075	4365.948
sp O15144 ARPC2_HUMAN	12811.502	244.02115	5741.957
sp O15145 ARPC3_HUMAN	6431.3887	843.1821	116.35126
sp P59998 ARPC4_HUMAN	7688.9893	304.67282	16342.773

sp O15511 ARPC5_HUMAN	5943.0503	280.64005	172.86118
sp Q9BPX5 ARP5L_HUMAN	2079.6162	NaN	14359.436
sp P56211 ARP19_HUMAN	213.76053	NaN	739.4995
sp P15289 ARSA_HUMAN	1745.1675	NaN	1048.1887
sp Q13510 ASAH1_HUMAN	2397.8958	1104.7007	32547.299
sp Q8N3C0 ASCC3_HUMAN	1197.3613	NaN	11606.443
sp P04424 ARLY_HUMAN	847.9665	NaN	8018.5815
sp O95671 ASML_HUMAN	0	NaN	2197.9072
sp P08243 ASNS_HUMAN	1096.8658	NaN	28426.02
sp Q12797 ASPH_HUMAN	11039.689	1712.2426	10272.183
sp Q9NVI7 ATD3A_HUMAN	8118.174	NaN	14685.61
sp Q5T9A4 ATD3B_HUMAN	978.7982	NaN	4357.1714
sp Q9NT62 ATG3_HUMAN	1885.9095	NaN	14066.602
sp Q9Y4P1 ATG4B_HUMAN	810.22205	NaN	17366.549
sp Q9H1Y0 ATG5_HUMAN	487.83154	NaN	15221.776
sp Q7Z3C6 ATG9A_HUMAN	1432.8766	NaN	13252.8545
sp P31939 PUR9_HUMAN	8766.767	784.89984	2494.7332
sp Q8WXF7 ATLA1_HUMAN	5371.003	NaN	2468.6353
sp Q8NHH9 ATLA2_HUMAN	558.76917	NaN	13897.82
sp Q6DD88 ATLA3_HUMAN	15096.32	1028.2068	3731.614
sp O00244 ATOX1_HUMAN	1277.0669	NaN	30479.752
sp P98196 AT11A_HUMAN	188.9226	NaN	19246.754
sp Q8NB49 AT11C_HUMAN	1167.7455	NaN	9639.482
sp Q9HD20 AT131_HUMAN	4170.872	NaN	6447.117
sp P05023 AT1A1_HUMAN	48766.43	3694.9863	4305.0137
sp P50993 AT1A2_HUMAN	1013.6194	NaN	33211.535
sp P05026 AT1B1_HUMAN	7003.0024	NaN	18725.209
sp P54709 AT1B3_HUMAN	32766.719	1037.537	2244.2073
sp P16615 AT2A2_HUMAN	9611.716	2589.852	83671.414
sp Q93084 AT2A3_HUMAN	3413.2522	NaN	44432.137
sp P20020 AT2B1_HUMAN	9715.745	NaN	8312.368
sp P23634 AT2B4_HUMAN	14215.769	2450.8135	21840.664
sp P98194 AT2C1_HUMAN	9114.61	NaN	4284.675

sp P25705 ATPA_HUMAN	32300.133	6612.498	8162.09
sp P06576 ATPB_HUMAN	40863.477	7017.5376	6434.948
sp P36542 ATPG_HUMAN	12507.014	327.35767	9356.295
sp P30049 ATPD_HUMAN	4553.849	963.4248	13609.665
sp P56381 ATP5E_HUMAN	752.5665	NaN	9349.877
sp P56385 ATP5I_HUMAN	6837.0103	NaN	2270.9375
sp P56134 ATPK_HUMAN	2534.606	NaN	25166.682
sp O75964 ATP5L_HUMAN	6427.318	3173.5176	24463.621
sp P56378 ATP68_HUMAN	878.2181	NaN	73554.68
sp Q96IX5 ATPMK_HUMAN	1479.7743	288.92862	28920.287
sp P24539 AT5F1_HUMAN	9622.528	1020.81726	3249.5544
sp O75947 ATP5H_HUMAN	6756.885	261.42313	1748.1045
sp P18859 ATP5J_HUMAN	7314.8633	1318.5256	22897.307
sp P48047 ATPO_HUMAN	14996.078	2240.6047	2279.5396
sp Q15904 VAS1_HUMAN	3975.4038	NaN	17094.81
sp O75787 RENR_HUMAN	2047.4863	9059.565	23932.09
sp Q93050 VPP1_HUMAN	12783.423	363.89056	31846.191
sp Q9Y487 VPP2_HUMAN	1471.8301	NaN	12357.352
sp P27449 VATL_HUMAN	7509.3965	NaN	4409.237
sp P61421 VA0D1_HUMAN	9934.338	733.11755	5483.63
sp P38606 VATA_HUMAN	8750.485	602.2843	19706.965
sp P21281 VATB2_HUMAN	11102.7705	18532.627	11463.497
sp P21283 VATC1_HUMAN	7246.1963	NaN	1530.733
sp Q9Y5K8 VATD_HUMAN	3946.5728	NaN	3917.6494
sp P36543 VATE1_HUMAN	13512.354	NaN	12102.12
sp Q16864 VATF_HUMAN	2516.5183	NaN	320.86838
sp O75348 VATG1_HUMAN	6974.826	1198.7026	52239.04
sp Q9UI12 VATH_HUMAN	4184.8843	NaN	304.6766
sp Q04656 ATP7A_HUMAN	258.41156	NaN	8786.439
sp O43520 AT8B1_HUMAN	464.9513	NaN	258.40674
sp O75882 ATRN_HUMAN	971.072	NaN	19411.156
sp Q9UBB4 ATX10_HUMAN	2488.1328	NaN	49773.16
sp Q9Y679 AUP1_HUMAN	3760.399	NaN	71.67945

sp P30530 UFO_HUMAN	11418.113	NaN	4866.2427
sp P25311 ZA2G_HUMAN	1504.9756	268.82596	21801.646
sp P61769 B2MG_HUMAN	22764.492	1740.6981	8697.785
sp Q96L58 B3GT6_HUMAN	228.92258	NaN	13985.926
sp Q6Y288 B3GLT_HUMAN	657.76025	NaN	6783.7485
sp P15291 B4GT1_HUMAN	1323.2711	NaN	72781.14
sp P56817 BACE1_HUMAN	368.26355	NaN	298.1663
sp O95816 BAG2_HUMAN	7834.1855	NaN	10467.96
sp Q9UL15 BAG5_HUMAN	571.38354	NaN	3918.1313
sp P46379 BAG6_HUMAN	2815.2854	NaN	4454.843
sp O75531 BAF_HUMAN	2794.3574	NaN	11373.84
sp P80723 BASP1_HUMAN	19512.93	2244.856	10251.961
sp Q07812 BAX_HUMAN	5424.049	241.53647	26999.299
sp Q9UHQ4 BAP29_HUMAN	2505.5469	NaN	21442.635
sp P51572 BAP31_HUMAN	5164.049	2008.2253	12513.683
sp O75815 BCAR3_HUMAN	598.524	NaN	15434.299
sp P54687 BCAT1_HUMAN	8404.436	NaN	9379.827
sp Q9HB09 B2L12_HUMAN	410.6123	NaN	62869.88
sp Q9BXK5 B2L13_HUMAN	0	NaN	5550.4565
sp Q9Y276 BCS1_HUMAN	319.24173	NaN	5101.7783
sp Q9BUT1 DHRS6_HUMAN	2432.9648	NaN	3057.9167
sp P30411 BKRB2_HUMAN	4554.6763	NaN	3439.7207
sp O15155 BET1_HUMAN	1440.6495	NaN	35747.312
sp Q9NYM9 BET1L_HUMAN	428.27188	NaN	3145.2363
sp P55957 BID_HUMAN	841.1412	NaN	831.7771
sp Q13867 BLMH_HUMAN	1582.3125	NaN	361.03015
sp P53004 BIEA_HUMAN	3709.2922	NaN	4643.6533
sp P30043 BLVRB_HUMAN	51298.54	230.85892	24285.19
sp P36894 BMR1A_HUMAN	274.02478	NaN	5305.092
sp Q9H3K6 BOLA2_HUMAN	1339.0143	NaN	3877.059
sp O95861 BPNT1_HUMAN	1045.293	NaN	11996.391
sp Q9NX62 IMPA3_HUMAN	3708.3281	NaN	6391.0615
sp P46736 BRCC3_HUMAN	587.27563	NaN	9211.716

sp Q9H8M2 BRD9_HUMAN	3510.063	308.69168	11833.902
sp O95415 BRI3_HUMAN	2568.0596	NaN	13825.279
sp Q8WY22 BRI3B_HUMAN	927.9713	NaN	13718.935
sp Q8WUW1 BRK1_HUMAN	2364.0352	NaN	16516.201
sp Q5VW32 BROX_HUMAN	1730.3184	NaN	22588.285
sp Q9NW68 BSDC1_HUMAN	534.66516	NaN	10846.282
sp P35613 BASI_HUMAN	28966.701	420.82245	3807.5264
sp Q10588 BST1_HUMAN	502.09842	NaN	16870.266
sp P20290 BTF3_HUMAN	1399.3375	NaN	14259.602
sp Q96K17 BT3L4_HUMAN	501.41245	NaN	18854.816
sp Q7KYR7 BT2A1_HUMAN	919.41003	NaN	5710.3496
sp O00478 BT3A3_HUMAN	458.86685	NaN	4948.6646
sp O43684 BUB3_HUMAN	7329.545	NaN	4311.4
sp Q7L1Q6 5MP2_HUMAN	3798.5508	NaN	2802.557
sp Q9H3H3 CK068_HUMAN	1946.7466	NaN	3671.8267
sp Q99622 C10_HUMAN	550.67957	NaN	790.56934
sp Q9NSK7 CS012_HUMAN	229.31906	NaN	6644.4375
sp Q9UFG5 CS025_HUMAN	125.34637	NaN	12754.549
sp Q9NS00 C1GLT_HUMAN	33412.113	NaN	5757.2686
sp P02746 C1QB_HUMAN	NaN	237.63545	3301.4458
sp Q07021 C1QBP_HUMAN	15880.963	1422.016	16037.397
sp P00736 C1R_HUMAN	1682.5603	NaN	5002.2246
sp P09871 C1S_HUMAN	1364.6511	1416.9271	140.10507
sp Q86YS7 C2CD5_HUMAN	3067.0757	NaN	2583.1062
sp P01024 CO3_HUMAN	18047.223	8890.681	24241.502
sp P0C0L4 CO4A_HUMAN	6794.562	2192.6077	1399.259
sp P04003 C4BPA_HUMAN	1334.049	NaN	6392.182
sp Q5BLP8 CD048_HUMAN	1589.3062	1620.1724	12213.62
sp P01031 CO5_HUMAN	914.3092	NaN	6249.8047
sp Q7Z4R8 CF120_HUMAN	594.96674	NaN	9592.144
sp P02748 CO9_HUMAN	1147.318	825.9942	12905.864
sp Q5T6V5 QSPP_HUMAN	360.89648	NaN	3570.0452
sp Q9Y376 CAB39_HUMAN	2031.5413	NaN	9853.057

sp P54289 CA2D1_HUMAN	6179.875	NaN	20541.506
sp Q9BXT2 CCG6_HUMAN	1791.7164	NaN	6969.5737
sp Q9HB71 CYBP_HUMAN	860.18317	NaN	34721
sp P27708 PYR1_HUMAN	8459.838	NaN	4063.9868
sp Q9BY67 CADM1_HUMAN	524.09827	NaN	9337.785
sp Q9P1Z2 CACO1_HUMAN	1930.8087	NaN	25709.643
sp Q13137 CACO2_HUMAN	14095.599	NaN	540.88074
sp Q05682 CALD1_HUMAN	8754.498	1928.8092	43221.125
sp Q9HA72 CAHM2_HUMAN	747.1309	NaN	6645.023
sp Q8N5C1 CAHM5_HUMAN	10851.559	NaN	15866.165
sp P0DP23 CALM1_HUMAN	17558.51	5399.0312	195.64746
sp P27797 CALR_HUMAN	60124.82	8795.164	11802.439
sp O43852 CALU_HUMAN	33393.56	5637.383	11471.836
sp Q13557 KCC2D_HUMAN	8694.406	NaN	33756.57
sp Q86VP6 CAND1_HUMAN	6965.338	NaN	78882.24
sp P27824 CALX_HUMAN	35758.785	5273.4946	23856.246
sp Q01518 CAP1_HUMAN	16084.132	3424.6873	39007.016
sp P40123 CAP2_HUMAN	2563.2034	NaN	9619.715
sp P40121 CAPG_HUMAN	4797.014	NaN	25908.861
sp P07384 CAN1_HUMAN	11830.502	NaN	18176.742
sp P17655 CAN2_HUMAN	12619.366	840.17084	12380.88
sp O15484 CAN5_HUMAN	847.6226	NaN	48766.465
sp P04632 CPNS1_HUMAN	8795.072	1193.9922	6770.668
sp Q14444 CAPR1_HUMAN	4246.947	NaN	11480.341
sp P52907 CAZA1_HUMAN	8108.1855	2275.846	16355.374
sp P47755 CAZA2_HUMAN	7246.445	352.713	9881.078
sp P47756 CAPZB_HUMAN	10808.2705	1040.396	3944.6287
sp Q9Y2V2 CHSP1_HUMAN	3078.9385	NaN	13634.289
sp Q86X55 CARM1_HUMAN	1674.8118	NaN	8796.929
sp Q5VZK9 CARL1_HUMAN	NaN	391.2723	2752.739
sp P49589 SYCC_HUMAN	1978.502	NaN	9220.434
sp Q9HA77 SYCM_HUMAN	1594.0471	NaN	262.82498
sp O14936 CSKP_HUMAN	920.1863	NaN	3774.3325

sp P55212 CASP6_HUMAN	576.13116	NaN	21606.2
sp P20810 ICAL_HUMAN	2814.939	NaN	1311.103
sp P04040 CATA_HUMAN	15685.2	329.79843	5553.394
sp Q03135 CAV1_HUMAN	19496.979	1775.5876	25438.443
sp P51636 CAV2_HUMAN	4059.9578	NaN	8142.5957
sp Q6NZI2 CAVN1_HUMAN	19998.754	5683.451	5531.1514
sp O95810 CAVN2_HUMAN	3961.054	NaN	11427.961
sp Q969G5 CAVN3_HUMAN	6103.9126	NaN	30626.541
sp P16152 CBR1_HUMAN	16145.916	219.23117	6341.041
sp O75828 CBR3_HUMAN	3966.1152	NaN	28523.672
sp Q13185 CBX3_HUMAN	2164.533	NaN	20870.81
sp P45973 CBX5_HUMAN	556.23816	NaN	14912.631
sp Q6P1N0 C2D1A_HUMAN	912.1801	NaN	20115.947
sp Q8IX12 CCAR1_HUMAN	708.01086	NaN	5314.7686
sp Q8N163 CCAR2_HUMAN	1264.1158	NaN	4905.3516
sp Q9H6E4 CC134_HUMAN	448.95905	NaN	1226.5702
sp Q8IYT3 CC170_HUMAN	NaN	412.25174	21325.855
sp Q96A33 CCD47_HUMAN	9180.558	NaN	208.97577
sp Q9BSQ5 CCM2_HUMAN	1727.6416	NaN	19999.049
sp O00622 CCN1_HUMAN	8827.452	NaN	7257.089
sp P29279 CCN2_HUMAN	762.2817	NaN	13237.637
sp Q8ND76 CCNY_HUMAN	590.7664	NaN	2503.738
sp Q9ULG6 CCPG1_HUMAN	2688.0322	NaN	34929.78
sp P78371 TCPB_HUMAN	14748.496	1767.153	7518.1055
sp P49368 TCPG_HUMAN	21444.393	406.71597	25310.166
sp P50991 TCPD_HUMAN	18954.066	NaN	19395.629
sp P48643 TCPE_HUMAN	10321.24	601.955	6500.0107
sp P40227 TCPZ_HUMAN	13238.609	434.2104	8202.891
sp Q99832 TCPH_HUMAN	10695.644	1782.7134	6525.6987
sp P50990 TCPQ_HUMAN	11496.133	4579.6763	14024.758
sp P86790 CCZ1B_HUMAN	1513.4148	NaN	1192.3501
sp Q6YHK3 CD109_HUMAN	9161.01	NaN	2995.2803
sp P48509 CD151_HUMAN	26974.49	1085.2191	5545.698

sp Q9HCU0 CD248_HUMAN	8760.542	NaN	818.4199
sp Q9NZQ7 PD1L1_HUMAN	853.67163	NaN	4824.213
sp Q5ZPR3 CD276_HUMAN	19605.248	229.64717	5463.723
sp Q8IX05 CD302_HUMAN	438.72833	NaN	2339.8088
sp Q9NPF0 CD320_HUMAN	869.86414	NaN	4013.586
sp P16070 CD44_HUMAN	105729.36	9028.498	5238.9355
sp P15529 MCP_HUMAN	3406.2012	NaN	13583.612
sp Q08722 CD47_HUMAN	6163.3833	746.78864	8140.1187
sp P08174 DAF_HUMAN	9249.328	NaN	8307.771
sp P13987 CD59_HUMAN	75473.58	2942.819	1101.5825
sp P08962 CD63_HUMAN	46984.723	6586.0093	19933.72
sp P34810 CD68_HUMAN	3401.9097	NaN	29085.57
sp P60033 CD81_HUMAN	29037.844	982.78033	9448.282
sp P27701 CD82_HUMAN	10338.818	1837.9099	17983.902
sp P21926 CD9_HUMAN	8239.529	306.59695	3033.6125
sp P14209 CD99_HUMAN	4291.9014	220.21442	4283.0254
sp Q8TCZ2 C99L2_HUMAN	2915.1904	NaN	18099.08
sp Q9UJX2 CDC23_HUMAN	744.0526	NaN	17604.598
sp Q16543 CDC37_HUMAN	4529.5815	NaN	6851.0405
sp P60953 CDC42_HUMAN	25588.535	517.39465	11532.877
sp Q9Y5S2 MRCKB_HUMAN	486.80814	NaN	1581.3502
sp Q9NRR8 C42S1_HUMAN	248.22842	NaN	4224.244
sp Q9H5V8 CDCP1_HUMAN	2860.8472	NaN	308.6851
sp P55287 CAD11_HUMAN	2251.0808	NaN	10186.786
sp P55290 CAD13_HUMAN	1102.4124	NaN	3832.145
sp P55285 CADH6_HUMAN	6027.58	NaN	2280.6555
sp O14735 CDIPT_HUMAN	6196.6123	NaN	4318.8647
sp P06493 CDK1_HUMAN	5197.6143	NaN	7374.534
sp P24941 CDK2_HUMAN	136.72258	NaN	10243.615
sp Q00535 CDK5_HUMAN	726.775	NaN	16447.307
sp Q96JB5 CK5P3_HUMAN	1175.5625	NaN	2991.111
sp Q96HQ2 C2AIL_HUMAN	465.74475	NaN	13227.675
sp O95674 CDS2_HUMAN	1277.7429	NaN	8721.22

sp Q9UKY7 CDV3_HUMAN	136.11603	NaN	35456.47
sp Q92879 CELF1_HUMAN	1866	NaN	1512.7225
sp Q9UHN6 CEIP2_HUMAN	642.7034	195.27954	3807.133
sp P07199 CENPB_HUMAN	241.66022	NaN	8599.122
sp Q9Y6K0 CEPT1_HUMAN	4754.1553	NaN	7504.504
sp Q96G23 CERS2_HUMAN	4419.1626	NaN	4020.943
sp P41208 CETN2_HUMAN	482.107	NaN	5039.003
sp P00751 CFAB_HUMAN	5284.7026	2690.6956	13251.065
sp P08603 CFAH_HUMAN	1820.2739	140.03374	9404.711
sp P05156 CFAI_HUMAN	1640.6556	2530.4397	10841.082
sp P23528 COF1_HUMAN	44321.41	8307.335	1867.8619
sp Q9Y281 COF2_HUMAN	4322.1064	305.26028	3026.1245
sp Q9NX63 MIC19_HUMAN	1410.0399	890.5794	8647.353
sp Q9UKJ5 CHIC2_HUMAN	357.01813	NaN	2864.0144
sp Q9BWS9 CHID1_HUMAN	3406.9575	NaN	2133.471
sp P24386 RAE1_HUMAN	250.54826	NaN	6152.088
sp Q9HD42 CHM1A_HUMAN	657.34326	NaN	26412.53
sp O43633 CHM2A_HUMAN	1358.2281	NaN	10034.723
sp Q9BY43 CHM4A_HUMAN	0	NaN	1676.9132
sp Q9H444 CHM4B_HUMAN	3380.6594	NaN	1273.2346
sp Q9NZZ3 CHMP5_HUMAN	1080.2595	NaN	14799.418
sp Q96FZ7 CHMP6_HUMAN	5944.82	NaN	13697.043
sp Q8WUX9 CHMP7_HUMAN	112.19716	NaN	11286.824
sp Q9UHD1 CHRD1_HUMAN	10422.922	NaN	1245.0864
sp Q99653 CHP1_HUMAN	7954.6816	NaN	28391.277
sp Q9P2E5 CHPF2_HUMAN	1103.7412	NaN	16477.451
sp Q8NCH0 CHSTE_HUMAN	470.288	NaN	4415.0024
sp O76071 CIAO1_HUMAN	1529.6228	NaN	12732.969
sp Q9NZ45 CISD1_HUMAN	3300.0742	NaN	8473.554
sp Q8N5K1 CISD2_HUMAN	3363.4194	NaN	3083.8845
sp Q07065 CKAP4_HUMAN	48392.867	8965.296	4116.2837
sp Q14008 CKAP5_HUMAN	3146.549	NaN	1484.8752
sp P12277 KCRB_HUMAN	3206.522	NaN	19586.54

sp Q9UBR5 CKLF_HUMAN	0	NaN	13472.0625
sp P33552 CKS2_HUMAN	400.2189	NaN	20001.342
sp Q7Z460 CLAP1_HUMAN	1140.9738	NaN	9715.588
sp O75122 CLAP2_HUMAN	0	NaN	12049.766
sp Q96S66 CLCC1_HUMAN	1314.4332	NaN	6933.8486
sp P51790 CLCN3_HUMAN	618.16534	NaN	11564.225
sp P51798 CLCN7_HUMAN	3939.3342	NaN	6057.148
sp O75508 CLD11_HUMAN	3676.4836	NaN	6686.595
sp Q9NY35 CLDN1_HUMAN	1932.1794	NaN	6903.214
sp P05452 TETN_HUMAN	8525.815	4413.25	1038.7529
sp O00299 CLIC1_HUMAN	13069.872	4224.835	1249.5739
sp Q9Y696 CLIC4_HUMAN	35431.32	NaN	1403.4023
sp Q14677 EPN4_HUMAN	883.69965	NaN	7918.195
sp P30622 CLIP1_HUMAN	548.178	NaN	9193.953
sp Q9H6B4 CLMP_HUMAN	11847.214	NaN	790.577
sp Q13286 CLN3_HUMAN	1359.3916	NaN	4943.9614
sp Q16740 CLPP_HUMAN	3456.8906	NaN	15719.419
sp O96005 CLPT1_HUMAN	9876.454	NaN	14213.875
sp Q96KA5 CLP1L_HUMAN	216.54242	NaN	18586.523
sp P09496 CLCA_HUMAN	6605.969	221.89598	4502.2607
sp P09497 CLCB_HUMAN	1614.4396	296.09705	4977.0645
sp Q00610 CLH1_HUMAN	39458.113	3962.8994	1606.138
sp P10909 CLUS_HUMAN	5626.783	307.32648	195.691
sp Q96DG6 CMBL_HUMAN	310.61295	NaN	1650.1594
sp P30085 KCY_HUMAN	3645.1506	NaN	3342.9204
sp Q96MX0 CKLF3_HUMAN	556.0744	NaN	802.67993
sp Q9NX76 CKLF6_HUMAN	895.9306	NaN	965.48834
sp Q96FZ5 CKLF7_HUMAN	282.5538	NaN	4847.0913
sp P62633 CNBP_HUMAN	2028.7056	NaN	5385.8174
sp Q96KP4 CNDP2_HUMAN	2228.256	5984.106	6930.1577
sp O95406 CNIH1_HUMAN	128.39856	NaN	750.4961
sp Q9P003 CNIH4_HUMAN	682.0591	NaN	5937.8125
sp Q99439 CNN2_HUMAN	5450.338	NaN	9705.489

sp Q15417 CNN3_HUMAN	3799.4446	228.21686	7440.022
sp A5YKK6 CNOT1_HUMAN	306.618	NaN	10270.411
sp P09543 CN37_HUMAN	11784.385	352.1659	2125.2896
sp Q9Y2B0 CNPY2_HUMAN	6680.189	237.09448	25723.871
sp Q9BT09 CNPY3_HUMAN	1028.1191	NaN	3851.2559
sp Q8N129 CNPY4_HUMAN	4079.0222	NaN	5229.539
sp Q96F85 CNRP1_HUMAN	0	NaN	3836.3103
sp Q9P232 CNTN3_HUMAN	2748.3196	194.62729	1672.1049
sp P78357 CNTP1_HUMAN	6481.0557	NaN	2857.8835
sp Q9Y2R0 COA3_HUMAN	1660.3801	NaN	4276.5713
sp Q13057 COASY_HUMAN	1184.4143	NaN	3761.543
sp Q9H9E3 COG4_HUMAN	261.00708	NaN	7025.6123
sp Q96MW5 COG8_HUMAN	334.31927	NaN	20953.264
sp P12107 COL11A1_HUMAN	1074.4045	NaN	7010.465
sp Q99715 COL12A1_HUMAN	9896.241	NaN	1389.9922
sp Q05707 COL14A1_HUMAN	141.76547	NaN	5965.6665
sp P39060 COL18A1_HUMAN	2050.0964	NaN	526.681
sp P02452 COL1A1_HUMAN	24730.441	6166.204	18397.404
sp P08123 COL1A2_HUMAN	14836.1875	4027.6992	20316.986
sp P02458 COL2A1_HUMAN	6360.1157	NaN	700.3791
sp P02461 COL3A1_HUMAN	10034.134	2660.8062	4841.9683
sp P20908 COL5A1_HUMAN	1638.904	NaN	4959.794
sp P05997 COL5A2_HUMAN	911.8333	NaN	950.32446
sp P12109 COL6A1_HUMAN	7250.413	820.88635	2387.9387
sp P12110 COL6A2_HUMAN	7932.827	NaN	16975.447
sp P12111 COL6A3_HUMAN	15145.74	8816.428	378.52777
sp Q02388 COL7A1_HUMAN	225.86366	NaN	1911.9609
sp Q5KU26 COLEC12_HUMAN	7526.398	NaN	27940.635
sp Q8NBJ5 GT251_HUMAN	8828.929	NaN	12749.91
sp Q9UBI1 COMD3_HUMAN	772.9703	NaN	11755.596
sp Q9H0A8 COMD4_HUMAN	441.89526	NaN	3136.26
sp Q7Z4G1 COMD6_HUMAN	0	NaN	2395.0986
sp Q9P000 COMD9_HUMAN	1168.821	NaN	2219.986

sp P49747 COMP_HUMAN	3220.8745	761.95886	16039.824
sp P21964 COMT_HUMAN	15275.49	NaN	5232.2837
sp P53621 COPA_HUMAN	18772.684	459.8729	23686.098
sp P53618 COPB_HUMAN	11046.631	NaN	8348.088
sp P35606 COPB2_HUMAN	9013.126	527.004	6066.765
sp O14579 COPE_HUMAN	4594.016	NaN	3231.69
sp Q9Y678 COPG1_HUMAN	11398.083	284.2212	6102.3125
sp Q9UBF2 COPG2_HUMAN	2528.0852	614.7248	66109.49
sp P61201 CSN2_HUMAN	3845.7202	NaN	3192.6267
sp Q9UNS2 CSN3_HUMAN	3230.9673	136.48111	3177.3682
sp Q9BT78 CSN4_HUMAN	26675.62	NaN	10963.064
sp Q92905 CSN5_HUMAN	3554.1213	NaN	5981.0254
sp Q7L5N1 CSN6_HUMAN	3622.8435	NaN	2946.2764
sp Q9UBW8 CSN7A_HUMAN	547.30396	NaN	11088.441
sp Q99627 CSN8_HUMAN	912.0425	NaN	6360.0454
sp P61923 COPZ1_HUMAN	4237.451	NaN	992.41846
sp Q9BR76 COR1B_HUMAN	5773.441	NaN	1934.7463
sp Q9ULV4 COR1C_HUMAN	9788.679	NaN	14080.8955
sp Q14019 COTL1_HUMAN	5420.085	NaN	2576.3516
sp Q5RI15 COX20_HUMAN	1299.4204	NaN	17535.916
sp P13073 COX41_HUMAN	6821.6636	452.3087	2148.1272
sp P20674 COX5A_HUMAN	4092.9756	1556.6497	1855.0089
sp P10606 COX5B_HUMAN	10501.79	2110.6907	21713.816
sp P14854 CX6B1_HUMAN	2573.3604	NaN	72345.06
sp P09669 COX6C_HUMAN	722.7545	NaN	5820.4688
sp P24310 CX7A1_HUMAN	261.77692	NaN	6010.248
sp P14406 CX7A2_HUMAN	1911.2814	NaN	23492.09
sp O14548 COX7R_HUMAN	727.12994	NaN	6165.289
sp P15954 COX7C_HUMAN	319.42987	NaN	3460.1924
sp P10176 COX8A_HUMAN	424.7851	NaN	3740.383
sp P00450 CERU_HUMAN	6989.617	1645.3976	7819.924
sp O75976 CBPD_HUMAN	26128.166	NaN	1030.2122
sp P14384 CBPM_HUMAN	1658.516	NaN	13554.38

sp P15169 CBPN_HUMAN	363.8977	NaN	2266.9768
sp Q99829 CPNE1_HUMAN	7451.1655	NaN	1855.9227
sp Q96FN4 CPNE2_HUMAN	513.3798	242.21753	5426.333
sp O75131 CPNE3_HUMAN	12412.06	NaN	1709.3878
sp Q9UBL6 CPNE7_HUMAN	3335.6855	NaN	7855.961
sp P36551 HEM6_HUMAN	137.87886	NaN	17081.324
sp Q9BRF8 CPPED_HUMAN	913.9199	NaN	4659.4375
sp Q16630 CPSF6_HUMAN	147.80472	NaN	34942.215
sp Q8N684 CPSF7_HUMAN	369.82812	NaN	3147.1545
sp P50416 CPT1A_HUMAN	8666.599	199.8777	5502.727
sp P43155 CACP_HUMAN	835.78503	NaN	6271.474
sp Q96HD1 CREL1_HUMAN	409.36798	NaN	9613.138
sp Q6UXH1 CREL2_HUMAN	1977.346	NaN	5244.051
sp Q9NZV1 CRIM1_HUMAN	4398.504	NaN	30745.963
sp P46108 CRK_HUMAN	1648.6738	NaN	38149.242
sp P46109 CRKL_HUMAN	1450.0208	NaN	124477.78
sp Q9UKG9 OCTC_HUMAN	1118.7573	NaN	4660.743
sp O75718 CRTAP_HUMAN	9971.833	NaN	6940.2026
sp P02511 CRYAB_HUMAN	2039.3949	NaN	1082.0845
sp Q08257 QOR_HUMAN	3530.93	NaN	2392.5615
sp O75390 CISY_HUMAN	11856.574	321.10956	2738.3772
sp O75534 CSDE1_HUMAN	7485.175	NaN	474.35248
sp P55060 XPO2_HUMAN	7082.9316	NaN	15941.406
sp Q8TDX6 CGAT1_HUMAN	2086.4243	NaN	13606.98
sp P41240 CSK_HUMAN	813.78467	NaN	13017.834
sp P48729 KC1A_HUMAN	2194.5054	NaN	8065.438
sp P48730 KC1D_HUMAN	383.32516	NaN	4668.695
sp P68400 CSK21_HUMAN	7726.497	NaN	1344.617
sp P19784 CSK22_HUMAN	5804.792	NaN	6132.719
sp P67870 CSK2B_HUMAN	5809.1445	NaN	1701.7769
sp Q6UVK1 CSPG4_HUMAN	9460.806	NaN	8227.359
sp P21291 CSRP1_HUMAN	11294.082	258.0214	11913.664
sp Q16527 CSRP2_HUMAN	466.22696	NaN	7288.0347

sp P04080 CYTB_HUMAN	8828.159	769.0468	5394.963
sp Q13363 CTBP1_HUMAN	2023.081	NaN	1635.9789
sp P56545 CTBP2_HUMAN	211.6437	NaN	13101.076
sp O15194 CTDSL_HUMAN	213.3219	NaN	6565.6777
sp Q96CG8 CTHR1_HUMAN	4745.211	731.1213	3812.9243
sp O43310 CTIF_HUMAN	302.38913	NaN	2878.4702
sp P35221 CTNA1_HUMAN	11345.8545	625.5239	1327.8271
sp P35222 CTNB1_HUMAN	8215.919	436.47815	5536.1113
sp O60716 CTND1_HUMAN	7702.34	NaN	5049.2407
sp P17812 PYRG1_HUMAN	5539.004	NaN	2953.4448
sp P10619 PPGB_HUMAN	4964.0874	892.7404	26884.943
sp P07858 CATB_HUMAN	10262.099	4163.2754	7816.374
sp P53634 CATC_HUMAN	454.62244	NaN	7972.073
sp P07339 CATD_HUMAN	15083.989	3667.9692	32969.5
sp P43235 CATK_HUMAN	5150.728	692.72076	11427.076
sp P07711 CATL1_HUMAN	2240.63	NaN	4763.079
sp P25774 CATS_HUMAN	NaN	190.81592	8187.447
sp Q9UBR2 CATZ_HUMAN	2737.3958	385.60852	14458.774
sp Q14247 SRC8_HUMAN	9046.548	NaN	17591.387
sp Q13616 CUL1_HUMAN	1679.4539	NaN	1291.6803
sp Q13617 CUL2_HUMAN	783.2515	NaN	1223.331
sp Q13618 CUL3_HUMAN	665.7038	NaN	11874.02
sp Q13619 CUL4A_HUMAN	1901.6157	NaN	605.95215
sp Q13620 CUL4B_HUMAN	2661.445	NaN	2300.2424
sp Q93034 CUL5_HUMAN	1705.5869	NaN	46269.46
sp Q14999 CUL7_HUMAN	770.2501	NaN	2323.6604
sp O60888 CUTA_HUMAN	2384.352	657.2885	6824.295
sp P48061 SDF1_HUMAN	665.976	NaN	1002.4628
sp O14569 C56D2_HUMAN	293.43423	NaN	425.9376
sp P00167 CYB5_HUMAN	5698.114	NaN	8599.885
sp O43169 CYB5B_HUMAN	11618.357	2215.848	10077.266
sp Q9UHQ9 NB5R1_HUMAN	2968.2932	NaN	2422.0872
sp P00387 NB5R3_HUMAN	30975.41	4209.651	696.7848

sp Q9BQA9 CYBC1_HUMAN	1473.635	NaN	2440.0085
sp Q53TN4 CYBR1_HUMAN	20362.492	NaN	17310.934
sp P08574 CY1_HUMAN	2568.2627	NaN	9059.343
sp P99999 CYC_HUMAN	1058.3708	NaN	2908.9082
sp Q7L576 CYFP1_HUMAN	16206.73	NaN	4168.5796
sp Q8WWM9 CYGB_HUMAN	517.8949	NaN	1883.4929
sp Q16678 CP1B1_HUMAN	3525.3958	NaN	17194.25
sp Q6UW02 CP20A_HUMAN	2584.3506	NaN	4793.5913
sp Q16850 CP51A_HUMAN	6686.498	NaN	15813.6
sp Q9H0Q0 CYRIA_HUMAN	442.91724	NaN	9788.588
sp Q9NUQ9 CYRIB_HUMAN	1891.1189	NaN	4036.5127
sp Q9H1C7 CYTM1_HUMAN	787.8904	NaN	16024.566
sp Q9NWV4 CZIB_HUMAN	569.7238	NaN	9073.459
sp P98082 DAB2_HUMAN	1763.031	NaN	18699.44
sp P61803 DAD1_HUMAN	12907.39	1452.7041	5068.6123
sp Q14118 DAG1_HUMAN	4975.957	NaN	4897.889
sp Q8NCG7 DGLB_HUMAN	1834.529	NaN	11096.9
sp P51398 RT29_HUMAN	1401.1305	NaN	8120.5186
sp O43293 DAPK3_HUMAN	1030.5289	NaN	1681.585
sp P14868 SYDC_HUMAN	8622.263	510.85373	3855.2485
sp Q6PI48 SYDM_HUMAN	462.99234	NaN	1702.8223
sp Q96EP5 DAZP1_HUMAN	1308.2299	NaN	19364.34
sp P07108 ACBP_HUMAN	7087.2646	NaN	12288.511
sp Q16643 DREB_HUMAN	5626.966	NaN	3881.4785
sp Q9UJU6 DBNL_HUMAN	7867.24	NaN	14742.968
sp P11182 ODB2_HUMAN	1975.6038	NaN	4425.702
sp Q6ZNG2 DBX2_HUMAN	NaN	80.26558	7257.059
sp P61962 DCAF7_HUMAN	1744.5272	NaN	10366.086
sp Q96PD2 DCBD2_HUMAN	1190.7748	NaN	3721.5322
sp P81605 DCD_HUMAN	NaN	0	9535.72
sp P27707 DCK_HUMAN	1069.8582	NaN	1154.5889
sp P07585 PGS2_HUMAN	1602.6492	NaN	3936.7925
sp P32321 DCTD_HUMAN	602.10504	NaN	8302.548

sp Q14203 DCTN1_HUMAN	5996.2314	NaN	6323.2837
sp Q13561 DCTN2_HUMAN	8724.616	268.47922	6464.5293
sp O75935 DCTN3_HUMAN	950.6952	NaN	15469.277
sp Q9UJW0 DCTN4_HUMAN	29454.467	NaN	8613.485
sp O00399 DCTN6_HUMAN	1458.1357	NaN	277.26498
sp Q8IWE4 DCNL3_HUMAN	460.37466	NaN	18961.152
sp Q7Z4W1 DCXR_HUMAN	1472.3967	NaN	8249.71
sp O94760 DDAH1_HUMAN	1025.5306	NaN	16913.498
sp O95865 DDAH2_HUMAN	2716.0588	NaN	17228.736
sp Q16531 DDB1_HUMAN	8406.617	NaN	7821.763
sp P39656 OST48_HUMAN	21444.143	1437.7257	36854.438
sp Q16832 DDR2_HUMAN	74557.37	NaN	2226.9915
sp Q96HY6 DDRGK_HUMAN	923.9595	NaN	5524.8057
sp P30046 DOPD_HUMAN	1956.6932	NaN	225.73972
sp Q92499 DDX1_HUMAN	7900.2637	NaN	1082.3386
sp Q92841 DDX17_HUMAN	5256.5723	NaN	2370.471
sp Q9NUU7 DD19A_HUMAN	10655.69	NaN	7338.222
sp O00148 DX39A_HUMAN	17364.922	NaN	6229.0137
sp Q13838 DX39B_HUMAN	2394.0908	NaN	10884.142
sp O00571 DDX3X_HUMAN	9888.548	273.5707	17405.129
sp Q7L014 DDX46_HUMAN	397.813	NaN	7627.6167
sp Q9Y6V7 DDX49_HUMAN	718.45026	NaN	1996.3433
sp P17844 DDX5_HUMAN	5501.455	NaN	5616.12
sp P26196 DDX6_HUMAN	4439.4106	NaN	4028.419
sp Q16698 DECR_HUMAN	7412.8203	527.4026	6765.0605
sp O15121 DEGS1_HUMAN	3993.589	NaN	3672.4722
sp P35659 DEK_HUMAN	10826.5625	NaN	1889.2722
sp Q8TCE6 DEN10_HUMAN	278.0211	NaN	3051.7231
sp O43583 DENR_HUMAN	872.1824	NaN	21798.285
sp Q9Y315 DEOC_HUMAN	2668.6326	NaN	4312.9854
sp Q9BUN8 DERL1_HUMAN	2325.8914	NaN	1799.8425
sp Q9GZP9 DERL2_HUMAN	125.2823	NaN	31221.734
sp Q15392 DHC24_HUMAN	4827.5376	NaN	13128.355

sp Q9UBM7 DHCR7_HUMAN	4034.136	NaN	12369.842
sp P00374 DYR_HUMAN	596.5242	NaN	5067.106
sp Q96LJ7 DHRS1_HUMAN	438.79477	NaN	7553.2607
sp O75911 DHRS3_HUMAN	872.47266	NaN	15439.744
sp Q9BTZ2 DHRS4_HUMAN	130.47627	NaN	5244.0767
sp Q9Y394 DHRS7_HUMAN	5830.973	NaN	5519.257
sp O43143 DHX15_HUMAN	5498.26	NaN	8566.947
sp Q7L2E3 DHX30_HUMAN	617.91187	NaN	4269.3438
sp Q08211 DHX9_HUMAN	5997.112	NaN	11089.626
sp O60610 DIAP1_HUMAN	1624.0414	NaN	60326.24
sp Q9P265 DIP2B_HUMAN	3361.026	NaN	10104.019
sp Q5T7M9 DIK1A_HUMAN	1220.4747	NaN	1357.8153
sp O60832 DKC1_HUMAN	184.22517	NaN	6528.9404
sp Q9UBP4 DKK3_HUMAN	4113.9395	NaN	5101.1416
sp P10515 ODP2_HUMAN	12603.709	0	5471.1416
sp P09622 DLDH_HUMAN	11154.341	1435.065	15939.068
sp Q12959 DLG1_HUMAN	1594.9077	NaN	7448.6313
sp P36957 ODO2_HUMAN	13287.49	2691.1416	7479.9995
sp Q9UGM3 DMBT1_HUMAN	301.9393	NaN	10030.77
sp Q86Y56 DAAF5_HUMAN	129.5111	NaN	3297.4097
sp P31689 DNJA1_HUMAN	11063.924	NaN	3654.9592
sp O60884 DNJA2_HUMAN	7685.322	NaN	5235.979
sp Q96EY1 DNJA3_HUMAN	882.3297	NaN	8197.386
sp P25685 DNJB1_HUMAN	27945.176	NaN	10495.757
sp Q9UBS4 DJB11_HUMAN	9045.883	277.84842	9786.969
sp Q9NXW2 DJB12_HUMAN	2149.5657	NaN	6970.966
sp Q9UDY4 DNJB4_HUMAN	1110.9924	NaN	8833.843
sp O75190 DNJB6_HUMAN	6377.665	NaN	6209.547
sp Q96KC8 DNJC1_HUMAN	585.01105	NaN	9898.359
sp Q8IXB1 DJC10_HUMAN	9294.638	NaN	3188.4023
sp Q9NVH1 DJC11_HUMAN	139.40376	177.3374	9459.522
sp O75165 DJC13_HUMAN	4593.143	NaN	4119.961
sp Q13217 DNJC3_HUMAN	6388.4146	494.4311	7441.753

sp Q9H3Z4 DNJC5_HUMAN	2526.5156	179.43863	7031.286
sp Q99615 DNJC7_HUMAN	2073.7612	NaN	16929.98
sp P49184 DNSL1_HUMAN	1273.5786	NaN	8454.051
sp O00115 DNS2A_HUMAN	761.26404	295.25748	868.00714
sp O00429 DNM1L_HUMAN	5010.0146	NaN	37661.21
sp P50570 DYN2_HUMAN	5789.365	NaN	4459.5493
sp Q9ULA0 DNPEP_HUMAN	698.4054	NaN	2477.662
sp O43598 DNPH1_HUMAN	453.11057	NaN	3188.646
sp Q14185 DOCK1_HUMAN	484.95154	NaN	688.0408
sp Q96BY6 DOC10_HUMAN	1089.6976	NaN	27614.71
sp Q5JSL3 DOC11_HUMAN	501.714	NaN	4874.3696
sp Q96N67 DOCK7_HUMAN	14619.397	NaN	3788.4097
sp Q9BU89 DOHH_HUMAN	194.87297	NaN	6983.167
sp Q9UPQ8 DOLK_HUMAN	937.6277	NaN	595.6369
sp Q9H3H5 GPT_HUMAN	325.38885	NaN	14201.539
sp O60762 DPM1_HUMAN	2015.2528	NaN	4961.4414
sp Q9P2X0 DPM3_HUMAN	1528.4225	296.6932	2933.6096
sp Q9NY33 DPP3_HUMAN	3676.3079	NaN	12659.17
sp P27487 DPP4_HUMAN	13115.296	NaN	5246.778
sp Q9UHL4 DPP2_HUMAN	1552.1812	NaN	4297.7295
sp Q2PZ11 D19L1_HUMAN	2485.6208	NaN	34336.25
sp Q9C005 DPY30_HUMAN	125.665016	NaN	19464.234
sp Q16555 DPYL2_HUMAN	10681.552	278.0461	271.76016
sp Q14195 DPYL3_HUMAN	8542.778	NaN	7973.0884
sp Q9Y295 DRG1_HUMAN	1408.128	NaN	1665.6213
sp P55039 DRG2_HUMAN	1733.0979	NaN	5427.0044
sp Q8IZU8 DSEL_HUMAN	798.77594	NaN	24175.752
sp P60981 DEST_HUMAN	15418.783	2082.9165	10194.496
sp Q8TEA8 DTD1_HUMAN	444.82367	NaN	4760.8623
sp Q8TDB6 DTX3L_HUMAN	479.5019	220.16243	6274.4937
sp P23919 KTHY_HUMAN	6762.132	NaN	4721.699
sp P51452 DUS3_HUMAN	797.5442	NaN	8222.086
sp P33316 DUT_HUMAN	5691.1167	NaN	3630.605

sp Q14204 DYHC1_HUMAN	9572.928	1543.4951	4860.5435
sp Q13409 DC1I2_HUMAN	8040.2715	NaN	396.56445
sp Q9Y6G9 DC1L1_HUMAN	6784.61	NaN	7452.2188
sp O43237 DC1L2_HUMAN	4701.453	NaN	15081.137
sp P63167 DYL1_HUMAN	8107.3086	NaN	7231.935
sp Q96FJ2 DYL2_HUMAN	251.78778	NaN	3822.1863
sp Q9NP97 DLRB1_HUMAN	3999.3735	NaN	12694.633
sp P63172 DYLT1_HUMAN	1961.7749	NaN	2686.729
sp P51808 DYLT3_HUMAN	2824.686	NaN	11229.531
sp Q15125 EBP_HUMAN	6346.331	NaN	1805.3757
sp P42892 ECE1_HUMAN	9414.065	NaN	6434.866
sp Q13011 ECH1_HUMAN	7873.839	1011.05896	7037.6587
sp Q9NTX5 ECHD1_HUMAN	845.1922	NaN	5701.2773
sp P30084 ECHM_HUMAN	9259.591	488.98584	2692.8755
sp P42126 ECI1_HUMAN	2764.5015	NaN	1189.9235
sp O75521 ECI2_HUMAN	4594.0273	NaN	17756.059
sp Q5VYK3 ECM29_HUMAN	3758.2354	NaN	12654.769
sp Q6P2E9 EDC4_HUMAN	3110.5771	NaN	4477.5186
sp O43854 EDIL3_HUMAN	11608.572	1067.5801	7318.9487
sp P24530 EDNRB_HUMAN	3118.739	NaN	5000.7007
sp Q15075 EEA1_HUMAN	2959.8298	NaN	3584.2258
sp P68104 EF1A1_HUMAN	100523.89	11443.602	13375.958
sp P24534 EF1B_HUMAN	6645.619	1443.6306	3261.0112
sp P29692 EF1D_HUMAN	14114.737	951.51184	2700.4695
sp O43324 MCA3_HUMAN	3084.4314	NaN	4473.9854
sp P26641 EF1G_HUMAN	10259.752	1760.4423	6338.9863
sp P13639 EF2_HUMAN	26316.008	4118.788	4512.7773
sp Q12805 FBLN3_HUMAN	1747.4839	190.7975	937.3638
sp Q96C19 EFHD2_HUMAN	617.6287	NaN	8996.07
sp Q7Z2Z2 EFL1_HUMAN	1016.39374	NaN	6171.8345
sp Q14156 EFR3A_HUMAN	0	NaN	302.35535
sp Q15029 U5S1_HUMAN	5441.8467	396.82925	5874.221
sp P00533 EGFR_HUMAN	9564.793	NaN	22093.934

sp Q8N3D4 EH1L1_HUMAN	4740.1943	NaN	4419.834
sp Q9H4M9 EHD1_HUMAN	6253.011	NaN	6892.117
sp Q9NZN4 EHD2_HUMAN	12925.37	NaN	26941.312
sp Q9NZN3 EHD3_HUMAN	14087.457	NaN	10973.343
sp Q9H223 EHD4_HUMAN	18266.725	NaN	60196.035
sp Q08426 ECHP_HUMAN	134.55772	NaN	5175.202
sp P41567 EIF1_HUMAN	4398.351	NaN	6362.336
sp P47813 IF1AX_HUMAN	2402.1548	NaN	14122.584
sp Q9BY44 EIF2A_HUMAN	523.52686	NaN	15132.401
sp P19525 E2AK2_HUMAN	1712.212	NaN	3849.531
sp Q14232 EI2BA_HUMAN	1606.5178	NaN	1744.3479
sp P49770 EI2BB_HUMAN	822.96906	NaN	10451.974
sp Q9NR50 EI2BG_HUMAN	303.80112	NaN	23133.473
sp Q9UI10 EI2BD_HUMAN	894.67914	NaN	4717.4653
sp Q13144 EI2BE_HUMAN	3316.977	NaN	4924.0957
sp P05198 IF2A_HUMAN	4081.6362	522.27185	7002.8843
sp P20042 IF2B_HUMAN	5403.6064	NaN	2043.6481
sp P41091 IF2G_HUMAN	4391.8745	NaN	1069.2903
sp Q14152 EIF3A_HUMAN	10255.929	NaN	1759.9996
sp P55884 EIF3B_HUMAN	7428.6484	NaN	5480.2285
sp B5ME19 EIFCL_HUMAN	8628.9	NaN	3909.3293
sp O15371 EIF3D_HUMAN	6042.9053	NaN	15914.748
sp P60228 EIF3E_HUMAN	6059.4688	221.3179	1952.9595
sp O00303 EIF3F_HUMAN	4287.236	NaN	1792.0636
sp O75821 EIF3G_HUMAN	331.94757	NaN	16170.798
sp O15372 EIF3H_HUMAN	3485.2292	NaN	16180.734
sp Q13347 EIF3I_HUMAN	5672.192	NaN	8412.519
sp O75822 EIF3J_HUMAN	845.009	NaN	7378.8564
sp Q9UBQ5 EIF3K_HUMAN	5411.4263	NaN	8361.96
sp Q9Y262 EIF3L_HUMAN	6768.953	NaN	31649.377
sp Q7L2H7 EIF3M_HUMAN	5690.544	NaN	1498.0947
sp P60842 IF4A1_HUMAN	21272.678	2642.248	5723.67
sp Q14240 IF4A2_HUMAN	1887.4037	NaN	17584.814

sp P38919 IF4A3_HUMAN	3287.7993	NaN	1046.9407
sp P23588 IF4B_HUMAN	255.54417	NaN	3452.3591
sp P06730 IF4E_HUMAN	2542.18	NaN	5109.645
sp O60573 IF4E2_HUMAN	432.18332	NaN	6961.6406
sp Q13541 4EBP1_HUMAN	496.75043	NaN	13580.942
sp Q04637 IF4G1_HUMAN	9027.318	NaN	12866.438
sp P78344 IF4G2_HUMAN	6460.6562	NaN	9095.458
sp Q15056 IF4H_HUMAN	2008.7374	NaN	3001.4744
sp P55010 IF5_HUMAN	3569.3833	NaN	2674.1592
sp P63241 IF5A1_HUMAN	9698.543	254.01619	16746.463
sp O60841 IF2P_HUMAN	1699.4877	NaN	1164.9897
sp P56537 IF6_HUMAN	1393.3267	NaN	42030.566
sp Q15717 ELAV1_HUMAN	4558.885	NaN	1735.0173
sp Q96JJ3 ELMO2_HUMAN	1198.8475	NaN	5116.921
sp Q8IZ81 ELMD2_HUMAN	0	NaN	4438.4785
sp Q15370 ELOB_HUMAN	2751.3547	NaN	5263.6377
sp Q15369 ELOC_HUMAN	5979.5625	NaN	8548.18
sp Q9BW60 ELOV1_HUMAN	3109.4087	NaN	11672.668
sp Q9NYP7 ELOV5_HUMAN	1556.2778	NaN	6547.119
sp O95163 ELP1_HUMAN	2784.5974	NaN	8273.105
sp Q8N766 EMC1_HUMAN	5552.1074	NaN	6746.8843
sp Q5UCC4 EMC10_HUMAN	633.9111	NaN	15787.838
sp Q15006 EMC2_HUMAN	3355.4846	NaN	64294.99
sp Q9P0I2 EMC3_HUMAN	2431.1099	NaN	13814.033
sp Q5J8M3 EMC4_HUMAN	2864.0288	NaN	12096.665
sp Q9NPA0 EMC7_HUMAN	15283.232	NaN	5929.9775
sp O43402 EMC8_HUMAN	1228.9844	NaN	10822.849
sp P50402 EMD_HUMAN	2878.8994	NaN	12296.848
sp Q9Y6C2 EMIL1_HUMAN	955.55444	NaN	10287.898
sp O95834 EMAL2_HUMAN	1010.5451	NaN	478.4813
sp Q9HC35 EMAL4_HUMAN	868.37366	NaN	1171.083
sp P54852 EMP3_HUMAN	6190.515	NaN	15291.609
sp Q8N8S7 ENAH_HUMAN	271.42996	NaN	10360.244

sp O94919 ENDD1_HUMAN	4095.8335	NaN	1089.0981
sp P17813 EGLN_HUMAN	6885.825	NaN	5602.5854
sp P06733 ENOA_HUMAN	44003.65	10208.649	17598.084
sp P09104 ENOG_HUMAN	2601.4917	NaN	313.91827
sp P13929 ENOB_HUMAN	32713.139	3741.8164	3490.427
sp P49961 ENTP1_HUMAN	3229.274	NaN	71729.22
sp Q5NDL2 EOGT_HUMAN	1538.8706	NaN	66421.44
sp Q9H4G0 E41L1_HUMAN	827.59106	NaN	3493.1309
sp O43491 E41L2_HUMAN	5379.14	NaN	11682.133
sp Q9Y2J2 E41L3_HUMAN	5963.6626	NaN	1879.6432
sp Q9UM22 EPDR1_HUMAN	3976.5295	347.50494	8312.414
sp P29317 EPHA2_HUMAN	5996.6895	NaN	11384.939
sp P54764 EPHA4_HUMAN	3421.2522	NaN	1640.9824
sp P29323 EPHB2_HUMAN	4134.803	NaN	5714.95
sp P54760 EPHB4_HUMAN	1625.5441	NaN	621.4536
sp P07099 HYEP_HUMAN	15854.842	713.6244	5601.817
sp P07814 SYEP_HUMAN	8610.454	NaN	6399.7324
sp P42566 EPS15_HUMAN	264.25443	NaN	9220.426
sp Q9NZ08 ERAP1_HUMAN	7099.735	NaN	3390.8208
sp Q96RT1 ERBIN_HUMAN	2199.0398	NaN	550.88385
sp Q9UKR5 ERG28_HUMAN	725.5757	NaN	5633.489
sp Q969X5 ERGI1_HUMAN	8471.334	NaN	2918.143
sp Q96RQ1 ERGI2_HUMAN	4156.654	NaN	11376.24
sp Q9Y282 ERGI3_HUMAN	2361.9358	NaN	23277.525
sp P84090 ERH_HUMAN	540.58374	NaN	6819.341
sp Q96DZ1 ERLEC_HUMAN	2090.6255	NaN	18676.55
sp O75477 ERLN1_HUMAN	12342.689	1325.5078	3910.611
sp O94905 ERLN2_HUMAN	8857.237	489.60123	6159.4604
sp Q7Z2K6 ERMP1_HUMAN	770.6286	NaN	14690.517
sp Q96HE7 ERO1A_HUMAN	7742.084	818.8362	20605.5
sp P30040 ERP29_HUMAN	14859.798	3025.083	3640.4917
sp Q9BS26 ERP44_HUMAN	11895.895	1005.7763	838.5655
sp P10768 ESTD_HUMAN	7896.743	311.3629	4133.008

sp Q9BSJ8 ESYT1_HUMAN	30670.484	1002.24585	25085.084
sp A0FGR8 ESYT2_HUMAN	5759.809	NaN	20861.023
sp P62495 ERF1_HUMAN	6264.556	NaN	5142.916
sp P13804 ETFA_HUMAN	5538.3105	933.25195	11133.555
sp P38117 ETFB_HUMAN	9244.969	1010.869	2997.289
sp Q16134 ETFD_HUMAN	1341.1995	NaN	2222.546
sp O95571 ETHE1_HUMAN	4036.1758	632.389	17395.303
sp Q9NVM1 EVA1B_HUMAN	1170.4521	NaN	1152.5132
sp P57679 EVC_HUMAN	NaN	169.10039	1911.5312
sp Q01844 EWS_HUMAN	918.6147	NaN	2811.3691
sp Q9NVH0 EXD2_HUMAN	520.5794	NaN	15233.781
sp Q9NV70 EXOC1_HUMAN	2504.4158	NaN	13570.908
sp Q96KP1 EXOC2_HUMAN	2251.5024	NaN	6602.1357
sp O60645 EXOC3_HUMAN	4333.4893	NaN	10391.311
sp Q96A65 EXOC4_HUMAN	3467.9866	NaN	1950.8916
sp O00471 EXOC5_HUMAN	3654.3396	NaN	6247.345
sp Q9Y2D4 EXC6B_HUMAN	3700.2217	NaN	7103.1523
sp Q9UPT5 EXOC7_HUMAN	2791.823	NaN	209.33618
sp Q8IYI6 EXOC8_HUMAN	3193.5974	NaN	3740.9226
sp Q9Y2C4 EXOG_HUMAN	190.06174	NaN	1130.31
sp Q9UBQ6 EXTL2_HUMAN	786.71875	NaN	7429.9136
sp P15311 EZRI_HUMAN	16290.233	NaN	3682.4062
sp P00742 FA10_HUMAN	15802.158	NaN	1473.9755
sp P03951 FA11_HUMAN	457.5829	205.55586	18548.928
sp P00734 THRB_HUMAN	17235.213	4199.3667	2705.7686
sp P25116 PAR1_HUMAN	2891.763	NaN	3370.7817
sp P12259 FA5_HUMAN	21910.77	3347.225	2903.336
sp P00740 FA9_HUMAN	911.1716	422.35895	5775.127
sp Q01469 FABP5_HUMAN	5512.1104	NaN	5392.8506
sp O60427 FADS1_HUMAN	667.9792	NaN	3008.7407
sp O95864 FADS2_HUMAN	2402.2046	NaN	12839.452
sp Q96CS3 FAF2_HUMAN	9805.926	NaN	3413.6519
sp P16930 FAAA_HUMAN	22.34328	NaN	87.7669

sp Q6P587 FAHD1_HUMAN	2432.445	388.44452	4813.0815
sp Q96GK7 FAH2A_HUMAN	3112.5234	NaN	10883.201
sp Q8IWE2 NXP20_HUMAN	3882.1838	230.92494	13179.98
sp Q9NZB2 F120A_HUMAN	5612.0327	NaN	4636.45
sp Q9BYI3 HYCCI_HUMAN	181.1634	NaN	3039.0981
sp O75063 XYLK_HUMAN	827.7604	NaN	3399.1682
sp Q8IXL6 FA20C_HUMAN	671.5526	NaN	1670.2434
sp Q96KR6 F210B_HUMAN	186.71716	NaN	16933.412
sp Q9H0X4 F234A_HUMAN	2523.043	NaN	5689.196
sp Q92520 FAM3C_HUMAN	9443.291	NaN	10271.313
sp Q8NCA5 FA98A_HUMAN	4018.9822	NaN	7655.4307
sp Q52LJ0 FA98B_HUMAN	820.26483	NaN	1687.3243
sp Q12884 SEPR_HUMAN	11562.631	10409.589	14770.315
sp Q9Y4F1 FARP1_HUMAN	4284.1543	NaN	5977.3716
sp Q9Y285 SYFA_HUMAN	3719.6843	NaN	21281.404
sp Q9NSD9 SYFB_HUMAN	3652.8784	NaN	6261.8467
sp P25445 TNR6_HUMAN	2766.3115	NaN	2357.0488
sp P49327 FAS_HUMAN	14407.612	NaN	2015.2607
sp Q14517 FAT1_HUMAN	5574.418	NaN	29833.486
sp P62861 RS30_HUMAN	199.07513	NaN	38750.7
sp P22087 FBRL_HUMAN	3211.6433	NaN	15734.317
sp Q8WUP2 FBLI1_HUMAN	615.40985	NaN	1644.4501
sp P23142 FBLN1_HUMAN	5601.1714	NaN	2952.916
sp P35555 FBN1_HUMAN	4385.0366	NaN	660.2186
sp Q9UKC9 FBXL2_HUMAN	1730.7092	NaN	1890.1223
sp P55899 FCGRN_HUMAN	1914.9946	NaN	2459.7197
sp P37268 FDFT_HUMAN	13930.178	NaN	25195.428
sp P14324 FPPS_HUMAN	4045.298	NaN	4634.6865
sp P10109 ADX_HUMAN	1344.5153	NaN	33796.53
sp P22570 ADRO_HUMAN	1029.0614	NaN	29168.408
sp P22830 HEMH_HUMAN	469.09622	NaN	2660.746
sp P39748 FEN1_HUMAN	2414.725	NaN	17113.2
sp Q96AC1 FERM2_HUMAN	5399.979	NaN	3119.9097

sp P02671 FIBA_HUMAN	647.5229	NaN	4456.307
sp P02675 FIBB_HUMAN	191.67221	NaN	4114.4404
sp P11362 FGFR1_HUMAN	1504.9222	NaN	9783.366
sp P02679 FIBG_HUMAN	NaN	77.015274	4663.3174
sp P07954 FUMH_HUMAN	13300.961	NaN	11405.992
sp Q13642 FHL1_HUMAN	4803.3765	272.72726	6342.4355
sp Q14192 FHL2_HUMAN	5437.193	NaN	6354.4033
sp O43427 FIBP_HUMAN	143.71208	NaN	3279.9841
sp Q9BVA6 FICD_HUMAN	55.950047	NaN	2982.8074
sp Q9Y3D6 FIS1_HUMAN	968.5823	NaN	16559.195
sp Q8N6M3 FITM2_HUMAN	0	NaN	3191.459
sp Q96AY3 FKB10_HUMAN	8456.529	1657.7424	4070.6667
sp Q9NYL4 FKB11_HUMAN	1685.2057	643.60315	804.64874
sp Q9NWM8 FKB14_HUMAN	1407.1095	NaN	10006.03
sp P62942 FKB1A_HUMAN	6668.2324	608.0666	2160.4148
sp P26885 FKBP2_HUMAN	6244.319	NaN	5911.5693
sp Q00688 FKBP3_HUMAN	2123.8818	NaN	11521.697
sp Q02790 FKBP4_HUMAN	4770.809	NaN	9504.491
sp Q9Y680 FKBP7_HUMAN	2690.8416	NaN	12499.43
sp Q14318 FKBP8_HUMAN	4977.422	NaN	2984.4614
sp O95302 FKBP9_HUMAN	14658.639	430.6253	1447.7717
sp Q5D862 FILA2_HUMAN	NaN	538.1114	198.4686
sp Q13045 FLII_HUMAN	4914.259	NaN	2478.8782
sp P21333 FLNA_HUMAN	66873.41	24677.225	4316.6245
sp O75369 FLNB_HUMAN	46250.6	1559.3142	3452.9265
sp Q14315 FLNC_HUMAN	20723.518	NaN	3266.7102
sp O75955 FLOT1_HUMAN	17395.986	248.17569	15341.581
sp Q14254 FLOT2_HUMAN	14021.972	NaN	9203.222
sp Q8IVF7 FMNL3_HUMAN	669.7545	NaN	3163.9724
sp Q06828 FMOD_HUMAN	NaN	410.37244	4510.74
sp P02751 FINC_HUMAN	17636.678	4480.5566	19040.988
sp Q9HA64 KT3K_HUMAN	787.366	NaN	4864.0933
sp Q9Y2H6 FND3A_HUMAN	817.501	NaN	12137.188

sp Q53EP0 FND3B_HUMAN	996.3216	NaN	11894.75
sp P49354 FNNTA_HUMAN	413.10153	NaN	21461.53
sp Q96NE9 FRMD6_HUMAN	1395.6047	NaN	6315.145
sp O94915 FRYL_HUMAN	618.64136	NaN	9769.866
sp Q16658 FSCN1_HUMAN	43499.312	885.67725	3546.0242
sp P19883 FST_HUMAN	1170.7866	NaN	2723.1555
sp Q12841 FSTL1_HUMAN	4202.754	NaN	8429.484
sp P02794 FRIH_HUMAN	10952.369	13037.013	1068.4143
sp P02792 FRIL_HUMAN	2917.2192	NaN	19056.982
sp Q96AE4 FUBP1_HUMAN	681.051	NaN	2952.8433
sp Q96I24 FUBP3_HUMAN	795.7062	NaN	5399.3066
sp Q8IVP5 FUND1_HUMAN	991.9289	NaN	2196.7864
sp P35637 FUS_HUMAN R	1257.1669	NaN	37699.016
sp P51114 FXR1_HUMAN	3706.725	NaN	4919.049
sp Q9BQS8 FYCO1_HUMAN	2140.694	NaN	5415.103
sp Q14332 FZD2_HUMAN	898.6324	NaN	2531.487
sp O75084 FZD7_HUMAN	1292.5164	NaN	373.34097
sp Q13283 G3BP1_HUMAN	4555.3027	NaN	1142.6931
sp Q9UN86 G3BP2_HUMAN	931.467	NaN	4196.8643
sp Q9BUM1 G6PC3_HUMAN	497.66907	NaN	8583.034
sp P11413 G6PD_HUMAN	18990.11	850.8237	3031.2603
sp P10253 LYAG_HUMAN	3938.7842	NaN	2877.0486
sp O95166 GBRAP_HUMAN	1389.8401	NaN	1424.0515
sp Q9H0R8 GBRL1_HUMAN	949.76373	NaN	1358.9508
sp P60520 GBRL2_HUMAN	5590.6694	NaN	14130.074
sp O14976 GAK_HUMAN	300.90503	NaN	12825.273
sp Q14376 GALE_HUMAN	1494.6318	NaN	12132.434
sp P51570 GALK1_HUMAN	3835.1624	NaN	2501.2817
sp Q96C23 GALM_HUMAN	476.9262	NaN	6287.377
sp Q10472 GALT1_HUMAN	696.1386	NaN	3252.7822
sp Q10471 GALT2_HUMAN	7689.0376	402.8408	4519.3423
sp Q7Z7M9 GALT5_HUMAN	1223.2936	NaN	5821.124
sp Q8NCL4 GALT6_HUMAN	131.20644	NaN	2149.787

sp Q86SF2 GALT7_HUMAN	4539.5195	NaN	9803.035
sp Q14353 GAMT_HUMAN	241.10803	NaN	1112.1511
sp Q14697 GANAB_HUMAN	14283.549	2356.2773	34458.707
sp P04406 G3P_HUMAN	163236.06	21248.807	8408.704
sp Q14C86 GAPD1_HUMAN	186.43344	NaN	2279.6187
sp P41250 GARS_HUMAN	6473.7393	NaN	63233.293
sp P22102 PUR2_HUMAN	3767.83	NaN	31659.637
sp Q14393 GAS6_HUMAN	2644.3853	NaN	5258.547
sp A0A0B4J2D5 GAL3B_HUMAN	266.64508	NaN	16672.562
sp P04062 GBA1_HUMAN	7390.0723	2014.4298	4026.7117
sp Q04446 GLGB_HUMAN	4360.6484	NaN	21084.781
sp Q92538 GBF1_HUMAN	2978.9407	NaN	7960.494
sp P32455 GBP1_HUMAN	1404.8359	NaN	145.40263
sp P02774 VTDB_HUMAN	17714.465	22342.33	25265.043
sp Q14397 GCKR_HUMAN	611.14636	NaN	831.1848
sp P48507 GSH0_HUMAN	4276.732	NaN	5363.554
sp Q92616 GCN1_HUMAN	15273.877	NaN	14048.805
sp P23434 GCSH_HUMAN	917.41187	NaN	1811.6006
sp Q9NZC3 GDE1_HUMAN	851.9072	NaN	8447.951
sp P31150 GDIA_HUMAN	44047.03	229.33708	3052.8555
sp P50395 GDIB_HUMAN	11046.133	2124.1238	13536.281
sp Q8TEQ6 GEMI5_HUMAN	767.86383	NaN	37796.926
sp O43681 GET3_HUMAN	8202.726	NaN	1139.224
sp Q7L5D6 GET4_HUMAN	324.17938	NaN	7787.039
sp Q96RP9 EFGM_HUMAN	774.6318	NaN	5540.5415
sp Q06210 GFPT1_HUMAN	13297.546	495.85413	8262.857
sp Q13630 FCL_HUMAN	636.88403	639.12537	4826.375
sp Q92820 GGH_HUMAN	3662.5007	NaN	6866.074
sp Q9H3K2 GHITM_HUMAN	1301.8252	NaN	3272.1265
sp Q9NWU2 GID8_HUMAN	0	NaN	1209.082
sp Q9NU53 GINM1_HUMAN	599.57526	NaN	11961.938
sp O14908 GIPC1_HUMAN	2428.6272	NaN	1870.9044
sp P17302 CXA1_HUMAN	29001.646	1515.5973	6317.283

sp P36383 CXG1_HUMAN	267.90585	NaN	35213.77
sp P32189 GLPK_HUMAN	1961.3728	248.50615	19090.514
sp P06280 AGAL_HUMAN	778.99927	NaN	28914.105
sp P16278 BGAL_HUMAN	3502.04	NaN	7824.2314
sp O94923 GLCE_HUMAN	679.61536	NaN	3107.2952
sp Q92896 GSLG1_HUMAN	13902.444	NaN	4059.8176
sp P48060 GLIP1_HUMAN	6395.559	NaN	3216.288
sp Q9H4G4 GAPR1_HUMAN	1743.3794	NaN	6036.2695
sp Q8WWB7 GLMP_HUMAN	2059.0942	NaN	615.6711
sp Q04760 LGUL_HUMAN	4115.577	NaN	5786.654
sp Q9HC38 GLOD4_HUMAN	1341.364	NaN	749.75037
sp P35754 GLRX1_HUMAN	895.4673	NaN	88859.86
sp O76003 GLRX3_HUMAN	4185.365	NaN	2419.405
sp Q86SX6 GLRX5_HUMAN	1429.7877	NaN	3867.7808
sp O94925 GLSK_HUMAN	3617.6123	NaN	23664.203
sp Q68CQ7 GL8D1_HUMAN	1014.05566	NaN	6835.4653
sp Q9H1C3 GL8D2_HUMAN	0	NaN	11950.025
sp Q9NZD2 GLTP_HUMAN	289.98627	NaN	14315.39
sp P00367 DHE3_HUMAN	7388.2505	1716.6963	6252.0015
sp O60547 GMDS_HUMAN	542.7065	NaN	11633.6875
sp P60983 GMFB_HUMAN	1452.1465	NaN	8864.636
sp Q96IJ6 GMPPA_HUMAN	2446.9363	NaN	2616.315
sp Q9Y5P6 GMPPB_HUMAN	1681.6127	NaN	10098.181
sp Q9P2T1 GMPR2_HUMAN	1832.7988	NaN	6784.2407
sp P49915 GUAA_HUMAN	3955.0447	NaN	1707.5958
sp P29992 GNA11_HUMAN	12373.492	NaN	43563.367
sp Q14344 GNA13_HUMAN	7693.0005	NaN	12271.937
sp P63096 GNAI1_HUMAN	2439.909	NaN	4198.135
sp P04899 GNAI2_HUMAN	35200.02	3157.4958	2223.676
sp P08754 GNAI3_HUMAN	4516.149	NaN	14912.733
sp P50148 GNAQ_HUMAN	3385.8457	NaN	3695.7466
sp P63092 GNAS2_HUMAN	8416.661	241.81738	8512.124
sp P62873 GBB1_HUMAN	18749.24	887.062	9212.628

sp P62879 GBB2_HUMAN	15927.791	2061.2446	4488.972
sp Q9HAV0 GBB4_HUMAN	654.39026	NaN	3622.3381
sp Q9Y223 GLCNE_HUMAN	924.5418	NaN	8732.85
sp P50151 GBG10_HUMAN	0	NaN	9807.605
sp Q9UBI6 GBG12_HUMAN	6373.2954	192.35002	5207.3735
sp P59768 GBG2_HUMAN	5946.998	NaN	11310.485
sp A0A804HLA8 GBG5B_H	913.28424	NaN	2740.793
sp O15228 GNPAT_HUMAN	2192.693	NaN	4955.175
sp P46926 GNPI1_HUMAN	6961.45	NaN	3249.4675
sp Q8TDQ7 GNPI2_HUMAN	1036.9071	NaN	2301.7483
sp Q96EK6 GNA1_HUMAN	200.67314	NaN	7328.076
sp P15586 GNS_HUMAN	6311.0312	1655.2852	20117.51
sp Q7Z5G4 GOGA7_HUMAN	3222.882	NaN	1619.901
sp Q14789 GGOB1_HUMAN	176.28455	293.13266	13394.626
sp O00461 GOLI4_HUMAN	4213.423	83.49337	353.16898
sp Q8NBJ4 GOLM1_HUMAN	1512.3179	NaN	1030.3591
sp Q6P4E1 GOLM2_HUMAN	2557.951	NaN	5288.043
sp Q9H4A6 GOLP3_HUMAN	1407.2615	NaN	5406.2656
sp Q9Y3E0 GOT1B_HUMAN	1927.3513	NaN	9671.221
sp Q9HD26 GOPC_HUMAN	272.324	NaN	9230.374
sp Q9H8Y8 GORS2_HUMAN	721.3016	NaN	5450.8076
sp O14653 GOSR2_HUMAN	2826.925	NaN	14564.132
sp P17174 AATC_HUMAN	3912.6523	NaN	22935.86
sp P00505 AATM_HUMAN	14099.967	1389.8383	17024.48
sp O43292 GPAA1_HUMAN	2352.1106	NaN	3293.3372
sp Q86UL3 GPAT4_HUMAN	261.56183	NaN	1838.0352
sp P35052 GPC1_HUMAN	10239.751	NaN	1839.4042
sp Q9Y625 GPC6_HUMAN	4600.463	NaN	708.5092
sp Q8N335 GPD1L_HUMAN	2941.9832	NaN	4092.4287
sp P43304 GPDM_HUMAN	6330.9497	NaN	7829.678
sp P06744 G6PI_HUMAN	14709.764	1416.3994	2396.416
sp Q14956 GPNMB_HUMAN	1919.226	322.7814	8688.286
sp Q5VW38 GP107_HUMAN	3126.3174	NaN	4655.449

sp Q14439 GP176_HUMAN	1327.534	NaN	3160.6938
sp Q13098 CSN1_HUMAN	2353.1143	NaN	18249.52
sp Q86YR5 GPSM1_HUMAN	735.82404	NaN	9851.381
sp P07203 GPX1_HUMAN	11559.165	257.68808	1661.1534
sp P22352 GPX3_HUMAN	800.27527	NaN	7108.7954
sp P36969 GPX4_HUMAN	5363.3457	NaN	1485.6426
sp Q8TED1 GPX8_HUMAN	8403.762	335.7521	1016.78845
sp P62993 GRB2_HUMAN	1814.9951	NaN	12642.919
sp O60565 GREM1_HUMAN	7494.3594	332.21637	5016.761
sp Q9UBQ7 GRHPR_HUMAN	5571.735	NaN	14513.317
sp P34947 GRK5_HUMAN	143.50256	NaN	2029.2231
sp P28799 GRN_HUMAN	5979.5005	469.69806	2896.2424
sp Q9HAV7 GRPE1_HUMAN	1868.9299	174.29626	14405.18
sp Q9BQ67 GRWD1_HUMAN	2438.737	NaN	648.55786
sp O60443 GSDME_HUMAN	69822.97	NaN	5009.339
sp P06396 GELS_HUMAN	36188.1	7141.5547	45.811466
sp P15170 ERF3A_HUMAN	6733.696	NaN	7074.252
sp Q8IYD1 ERF3B_HUMAN	228.39523	NaN	4260.2183
sp P00390 GSHR_HUMAN	3329.664	2901.831	1557.9083
sp P48637 GSHB_HUMAN	3409.0288	NaN	4235.286
sp Q9Y2Q3 GSTK1_HUMAN	6735.4844	NaN	2877.844
sp P28161 GSTM2_HUMAN	5425.9194	589.6626	11384.01
sp P21266 GSTM3_HUMAN	10123.414	NaN	2348.4014
sp Q03013 GSTM4_HUMAN	1610.3389	NaN	7633.1675
sp P78417 GSTO1_HUMAN	9099.333	941.60376	12424.864
sp P09211 GSTP1_HUMAN	17135.277	2026.4221	3883.668
sp Q9BZE4 GTPB4_HUMAN	300.3063	NaN	15783.971
sp Q16774 KGUA_HUMAN	568.71277	NaN	7247.15
sp Q9UBP9 GULP1_HUMAN	138.57956	NaN	6688.7686
sp P46976 GLYG_HUMAN	4768.503	NaN	874.78705
sp P04921 GLPC_HUMAN	698.17114	NaN	1725.8014
sp P07305 H10_HUMAN	1240.1521	NaN	11334.768
sp Q92522 H1X_HUMAN	119.896835	NaN	3983.0803

sp P16403 H12_HUMAN	1008.0477	NaN	4486.034
sp P16402 H13_HUMAN	594.62103	NaN	4006.775
sp P10412 H14_HUMAN	19422.086	1018.6121	8152.0205
sp P16401 H15_HUMAN	13569.928	932.7014	9308.592
sp Q8IUE6 H2A2B_HUMAN	932.83026	NaN	22026.916
sp P04908 H2A1B_HUMAN	22691.434	1099.1229	1352.2861
sp P16104 H2AX_HUMAN	67709.92	2877.5703	2841.117
sp P0C0S5 H2AZ_HUMAN	3418.395	NaN	2951.5361
sp P06899 H2B1J_HUMAN	79882.46	2864.4087	6969.608
sp O60814 H2B1K_HUMAN	11423.31	NaN	22323.934
sp Q5TEC6 H37_HUMAN	8430.049	492.21994	2693.3687
sp P68431 H31_HUMAN	11552.197	1295.3259	14685.089
sp P62805 H4_HUMAN	70681.49	4104.89	12759.851
sp O95479 G6PE_HUMAN	6462.3896	NaN	491.73322
sp Q14520 HABP2_HUMAN	1003.0354	NaN	8456.004
sp Q9P035 HACD3_HUMAN	8221.6	1883.53	1991.7706
sp Q16836 HCDH_HUMAN	2446.131	NaN	9944.353
sp P40939 ECHA_HUMAN	10238.842	2985.882	464.80475
sp P55084 ECHB_HUMAN	6817.4272	3114.9568	2862.305
sp P12081 HARS1_HUMAN	3029.485	NaN	4365.422
sp P49590 SYHM_HUMAN	704.359	NaN	1488.6741
sp O14929 HAT1_HUMAN	650.56995	NaN	2763.821
sp P69905 HBA_HUMAN H	58200.785	4541.052	3731.776
sp P02042 HBD_HUMAN H	31345.281	2926.251	15541.374
sp P69891 HBG1_HUMAN	41273.46	3220.0688	6475.7573
sp Q9Y450 HBS1L_HUMAN	1956.9707	NaN	2667.9182
sp P53701 CCHL_HUMAN	335.03748	NaN	9177.946
sp O15379 HDAC3_HUMAN	414.5958	NaN	8841.209
sp Q7Z4H3 HDDC2_HUMAN	75.443985	NaN	4307.9565
sp P51858 HDGF_HUMAN	1164.5807	NaN	1042.0708
sp Q00341 VIGLN_HUMAN	6779.737	NaN	6334.796
sp Q6AI08 HEAT6_HUMAN	95.089066	NaN	412.92303
sp Q9NRV9 HEBP1_HUMAN	7965.506	NaN	2711.1067

sp Q9Y5Z4 HEBP2_HUMAN	2147.5657	NaN	1727.6643
sp Q9ULI3 HEG1_HUMAN	2334.1494	NaN	8756.654
sp Q5GLZ8 HERC4_HUMAN	3782.151	NaN	10077.236
sp P06865 HEXA_HUMAN	4659.985	NaN	3708.118
sp P07686 HEXB_HUMAN	10883.325	1208.1334	11976.529
sp Q30201 HFE_HUMAN	702.3502	NaN	5560.7144
sp Q04756 HGFA_HUMAN	4132.7695	1230.0222	6362.2188
sp O14964 HGS_HUMAN	2031.5995	NaN	2612.1655
sp Q68CP4 HGNAT_HUMAN	815.6493	NaN	11345.89
sp P31937 3HIDH_HUMAN	8236.6875	NaN	3101.5024
sp Q9Y241 HIG1A_HUMAN	307.66434	NaN	2696.5732
sp P49773 HINT1_HUMAN	2491.2178	NaN	3175.093
sp Q9BX68 HINT2_HUMAN	1233.8877	NaN	534.19824
sp Q9NQE9 HINT3_HUMAN	171.44162	NaN	756.57996
sp O00291 HIP1_HUMAN	2156.757	NaN	1041.7502
sp P19367 H XK1_HUMAN	11553.812	1619.9679	11525.428
sp P52789 H XK2_HUMAN	2599.8582	NaN	3589.117
sp P04439 HLAA_HUMAN	23530.094	1164.4745	3727.6663
sp P01889 HLAB_HUMAN	13432.112	718.809	3131.7065
sp P10321 HLAC_HUMAN	13212.021	NaN	12186.824
sp P13747 HLAE_HUMAN	4213.2866	NaN	248.73622
sp P01893 HLAH_HUMAN	25596.129	2015.0754	7370.2363
sp Q8TCT9 HM13_HUMAN	18921.426	1121.2878	28647.766
sp P17096 HMGA1_HUMAN	1513.5343	NaN	3631.8025
sp P09429 HMGB1_HUMAN	6843.1553	NaN	4061.3303
sp P26583 HMGB2_HUMAN	951.4605	NaN	1528.5857
sp P35914 HMGCL_HUMAN	5348.5664	NaN	1396.5221
sp Q01581 HMCS1_HUMAN	3088.9077	NaN	4351.648
sp P09601 HMOX1_HUMAN	4563.9487	NaN	16838.521
sp P30519 HMOX2_HUMAN	2361.8135	NaN	8351.363
sp Q13151 ROA0_HUMAN	519.4994	NaN	11008.464
sp P09651 ROA1_HUMAN	13087.98	1270.9502	360.72055
sp P22626 ROA2_HUMAN	6093.475	1934.7454	3919.4026

sp P51991 ROA3_HUMAN	8376.431	NaN	1967.3746
sp Q99729 ROAA_HUMAN	1100.424	NaN	3952.8345
sp P07910 HNRPC_HUMAN	10152.029	NaN	33022.277
sp Q14103 HNRPD_HUMAN	14020.135	1949.8403	2360.1973
sp O14979 HNRDL_HUMAN	3987.1821	NaN	9249.738
sp P52597 HNRPF_HUMAN	3668.0981	NaN	5007.136
sp P31943 HNRH1_HUMAN	10066.587	NaN	13858.464
sp P55795 HNRH2_HUMAN	2570.03	NaN	6501.215
sp P31942 HNRH3_HUMAN	2352.6711	568.76105	23012.803
sp P61978 HNRPK_HUMAN	7826.281	1455.8964	39169.844
sp P14866 HNRPL_HUMAN	6360.4927	NaN	25908.562
sp Q8WV9 HNRL_HUMAN	788.3284	NaN	23045.97
sp P52272 HNRPM_HUMAN	22596.555	537.4143	9925.045
sp O43390 HNRPR_HUMAN	3230.2568	NaN	18120.254
sp Q00839 HNRPU_HUMAN	15538.005	619.8915	5544.621
sp Q9BUJ2 HNRL1_HUMAN	3058.5598	NaN	2181.4805
sp Q1KMD3 HNRL2_HUMAN	5141.365	NaN	4734.3306
sp Q86VS8 HOOK3_HUMAN	268.7043	NaN	297.35892
sp Q5SSJ5 HP1B3_HUMAN	3109.9124	NaN	5056.0605
sp P37235 HPCL1_HUMAN	6966.709	NaN	6540.3027
sp P00492 HPRT_HUMAN	2730.6643	NaN	1795.2617
sp P02790 HEMO_HUMAN	9621.11	4416.092	29382.166
sp P01112 RASH_HUMAN	5781.446	NaN	4966.7427
sp P04196 HRG_HUMAN H	4072.7075	981.44836	9983.429
sp Q53T59 H1BP3_HUMAN	340.40585	NaN	18982.531
sp Q7LGA3 HS2ST_HUMAN	2702.571	NaN	4341.5776
sp O75506 HSBP1_HUMAN	178.39302	NaN	5084.6123
sp Q99714 HCD2_HUMAN	7110.791	168.8176	682.6729
sp Q8NBQ5 DHB11_HUMAN	12204.111	NaN	14717.247
sp Q53GQ0 DHB12_HUMAN	11681.414	669.1658	11011.963
sp P51659 DHB4_HUMAN	26091.244	703.89386	842.01447
sp Q3SXM5 HSDL1_HUMAN	674.8905	NaN	4841.8184
sp Q6YN16 HSDL2_HUMAN	3672.4324	NaN	1482.199

sp P07900 HS90A_HUMAN	27914.693	1937.6083	11630.328
sp P08238 HS90B_HUMAN	65591.17	10679.027	17967.645
sp P14625 ENPL_HUMAN	52141.277	8571.68	17890.17
sp P48723 HSP13_HUMAN	2246.481	NaN	5339.9585
sp Q0VDF9 HSP7E_HUMAN	5704.5767	NaN	9122.076
sp P0DMV8 HS71A_HUMAN	7416.754	3743.773	3632.6658
sp P54652 HSP72_HUMAN	59760.633	3768.5144	9410.977
sp P34932 HSP74_HUMAN	24763.158	422.83765	10573.008
sp O95757 HS74L_HUMAN	4383.1143	NaN	12084.085
sp P11021 BIP_HUMAN	90876.164	12263.184	11268.769
sp P11142 HSP7C_HUMAN	47090.695	5603.359	4242.5366
sp P38646 GRP75_HUMAN	23035.715	13866.764	1457.9226
sp P04792 HSPB1_HUMAN	21894.295	555.446	12677.582
sp Q9NZL4 HPBP1_HUMAN	1483.357	NaN	8909.506
sp P10809 CH60_HUMAN	41659.46	4872.6475	19679.566
sp P61604 CH10_HUMAN	18267.273	2036.053	9851.047
sp P98160 PGBM_HUMAN	7949.4663	NaN	3513.5054
sp Q92598 HS105_HUMAN	18550.637	NaN	2625.568
sp Q9BUP3 HTAI2_HUMAN	1414.7515	NaN	8404.082
sp P42858 HD_HUMAN	1065.452	NaN	3477.9717
sp Q7Z6Z7 HUWE1_HUMAN	3720.9153	NaN	1924.2766
sp Q96D96 HVCN1_HUMAN	224.4026	NaN	598.26624
sp Q9Y4L1 HYOU1_HUMAN	8414.578	2125.7666	7468.302
sp Q2TAA2 IAH1_HUMAN	481.43143	NaN	9974.909
sp P41252 SYIC_HUMAN	4992.594	NaN	6321.6895
sp Q9NSE4 SYIM_HUMAN	2761.042	NaN	28138.496
sp P05362 ICAM1_HUMAN	14801.854	NaN	11722.248
sp O60725 ICMT_HUMAN	600.44415	NaN	8740.216
sp P14735 IDE_HUMAN	5139.302	NaN	3873.007
sp O75874 IDHC_HUMAN	10007.503	191.87962	15329.42
sp P48735 IDHP_HUMAN	5939.6846	NaN	3456.0857
sp P50213 IDH3A_HUMAN	2794.596	NaN	28473.86
sp O43837 IDH3B_HUMAN	2603.447	NaN	6929.7104

sp P51553 IDH3G_HUMAN	1498.1416	NaN	4369.984
sp Q13907 ID11_HUMAN	1116.8154	NaN	12510.264
sp Q9Y5U9 IR3IP_HUMAN	3672.651	NaN	3217.8323
sp Q13325 IFIT5_HUMAN	448.91772	NaN	8109.92
sp Q01628 IFM3_HUMAN	18109.045	1453.612	9876.135
sp P15260 INGR1_HUMAN	2506.358	NaN	159859.06
sp Q9BW83 IFT27_HUMAN	332.4214	NaN	12608.046
sp P78318 IGBP1_HUMAN	214.87695	NaN	1622.8365
sp P08069 IGF1R_HUMAN	813.5137	NaN	7530.3384
sp P01344 IGF2_HUMAN	1740.1351	232.7731	3884.7817
sp Q9Y6M1 IF2B2_HUMAN	2142.4985	NaN	4345.258
sp O00425 IF2B3_HUMAN	677.7484	NaN	9244.517
sp P11717 MPRI_HUMAN	6997.334	1445.2257	162.59134
sp P18065 IBP2_HUMAN	2176.626	1470.5405	2532.3257
sp P22692 IBP4_HUMAN	880.99603	NaN	982.19696
sp P24593 IBP5_HUMAN	8843.904	NaN	263.95972
sp Q16270 IBP7_HUMAN	1343.4419	NaN	8047.912
sp P01857 IGHG1_HUMAN	1133.329	236.3824	3963.944
sp P01871 IGHM_HUMAN	1832.6276	NaN	4775.0522
sp P01834 IGKC_HUMAN	993.3724	1178.2195	11105.406
sp A0A075B6P5 KV228_HUMAN	204.7446	NaN	521.5844
sp Q969P0 IGSF8_HUMAN	7448.5376	NaN	6427.483
sp Q70UQ0 IKIP_HUMAN	13896.938	1446.7678	9695.813
sp P78552 I13R1_HUMAN	1938.5027	NaN	1119.4069
sp Q96F46 I17RA_HUMAN	882.679	NaN	6117.8076
sp P14778 IL1R1_HUMAN	348.29913	NaN	9997.151
sp Q9NPH3 IL1AP_HUMAN	315.07672	NaN	7481.619
sp P40189 IL6RB_HUMAN	14565.834	NaN	13748.72
sp Q12905 ILF2_HUMAN	6269.193	NaN	8581.616
sp Q12906 ILF3_HUMAN	4489.707	NaN	4138.6235
sp Q13418 ILK_HUMAN	5500.5493	NaN	3174.2483
sp A1L0T0 HACL2_HUMAN	7719.9727	NaN	22896.615
sp Q16891 MIC60_HUMAN	7343.062	1376.2687	11041.909

sp P29218 IMPA1_HUMAN	1273.3884	NaN	1167.7383
sp P12268 IMDH2_HUMAN	9138.127	NaN	4702.5244
sp Q27J81 INF2_HUMAN	5621.55	NaN	14384.028
sp P49441 INPP_HUMAN	1168.6854	NaN	15058.257
sp Q14642 I5P1_HUMAN	0	NaN	3960.383
sp Q9BT40 INP5K_HUMAN	763.17206	NaN	11704.495
sp O15357 SHIP2_HUMAN	2429.4915	NaN	9632.533
sp Q9UI26 IPO11_HUMAN	209.58252	NaN	12774.077
sp Q8TEX9 IPO4_HUMAN	3488.46	NaN	7092.019
sp O00410 IPO5_HUMAN	9282.233	NaN	95.5547
sp O95373 IPO7_HUMAN	8318.376	NaN	9227.159
sp O15397 IPO8_HUMAN	142.57301	NaN	5952.6636
sp Q96P70 IPO9_HUMAN	4221.163	NaN	2001.9917
sp P46940 IQGA1_HUMAN	12492.015	4419.4424	32211.23
sp Q86VI3 IQGA3_HUMAN	3352.6438	NaN	4827.2783
sp Q8WZA9 IRGQ_HUMAN	1188.7717	NaN	5145.0425
sp P05161 ISG15_HUMAN	2507.3574	NaN	298.04504
sp Q96AB3 ISOC2_HUMAN	1035.1421	NaN	1874.5242
sp P53990 IST1_HUMAN	2552.8328	NaN	8801.258
sp Q96J02 ITCH_HUMAN	12017.608	NaN	6905.0566
sp Q8TB96 TIP_HUMAN	1710.6652	NaN	7501.02
sp P56199 ITA1_HUMAN	5489.6807	NaN	4069.247
sp O75578 ITA10_HUMAN	207.53606	NaN	79.20053
sp P17301 ITA2_HUMAN	15868.566	8170.1836	13216.65
sp P26006 ITA3_HUMAN	23558.666	333.47284	11066.8955
sp P13612 ITA4_HUMAN	5039.1846	NaN	5363.4873
sp P08648 ITA5_HUMAN	15341.049	1764.2803	13659.435
sp P23229 ITA6_HUMAN	7792.1016	NaN	379.6017
sp P53708 ITA8_HUMAN	7702.0317	NaN	3399.8347
sp P38570 ITAE_HUMAN	NaN	333.4403	1419.1207
sp P06756 ITAV_HUMAN	34940.8	2146.165	746.32043
sp P05556 ITB1_HUMAN	70703.56	3729.2073	7117.726
sp P05106 ITB3_HUMAN	9443.024	NaN	5011.1665

sp P18084 ITB5_HUMAN	5168.0605	NaN	10894.859
sp P19827 ITIH1_HUMAN	6166.286	2219.116	2471.0728
sp P19823 ITIH2_HUMAN	40568.27	16685.273	2006.3102
sp Q06033 ITIH3_HUMAN	11067.496	2139.3418	2428.7693
sp Q14624 ITIH4_HUMAN	13275.859	6154.555	4819.2725
sp Q9Y287 ITM2B_HUMAN	27010.24	299.50885	264.94595
sp Q9NQX7 ITM2C_HUMAN	11705.908	162.47864	7988.3667
sp Q9BY32 ITPA_HUMAN	1944.8141	NaN	11832.704
sp Q14573 ITPR3_HUMAN	3990.4463	NaN	4794.1
sp P28290 ITPI2_HUMAN	7093.0386	NaN	15158.743
sp P26440 IVD_HUMAN	2087.002	NaN	2920.3342
sp Q8N5M9 JAGN1_HUMAN	1999.2661	NaN	386.9595
sp P23458 JAK1_HUMAN	4141.212	NaN	9702.58
sp Q9BX67 JAM3_HUMAN	2489.3923	NaN	6054.3755
sp P01591 IGJ_HUMAN	1969.6694	NaN	79.38853
sp Q9UK76 JUP11_HUMAN	1610.9281	NaN	2681.8647
sp O76095 JTB_HUMAN	374.55615	NaN	4666.4526
sp Q63ZY3 KANK2_HUMAN	1230.7281	NaN	7402.3164
sp Q15046 SYK_HUMAN	2993.141	NaN	1157.2273
sp Q9Y6H6 KCNE3_HUMAN	444.90878	NaN	3121.873
sp Q99712 KCJ15_HUMAN	753.1179	NaN	453.5286
sp Q12791 KCMA1_HUMAN	5008.138	NaN	4084.803
sp Q8NC54 KCT2_HUMAN	622.97516	NaN	5356.5757
sp Q96CX2 KCD12_HUMAN	6727.6885	NaN	4754.522
sp P24390 ERD21_HUMAN	2616.5283	445.19766	46153.79
sp P33947 ERD22_HUMAN	2188.3086	NaN	10209.641
sp O43731 ERD23_HUMAN	3633.018	NaN	3506.9075
sp Q06136 KDSR_HUMAN	3596.03	NaN	9431.356
sp Q14145 KEAP1_HUMAN	2448.8389	2904.4348	3012.524
sp Q07666 KHDR1_HUMAN	1643.1592	NaN	3196.5728
sp Q92945 FUBP2_HUMAN	1991.4178	NaN	29243.238
sp Q5T5P2 SKT_HUMAN	293.93234	NaN	217.62572
sp Q8IYS2 K2013_HUMAN	589.5581	NaN	6419.7104

sp P52732 KIF11_HUMAN	0	NaN	12821.719
sp Q9NS87 KIF15_HUMAN	749.89105	NaN	10788.8125
sp Q02241 KIF23_HUMAN	1746.1708	NaN	1462.6375
sp O00139 KIF2A_HUMAN	438.409	NaN	3596.3718
sp P33176 KINH_HUMAN	16064.13	NaN	1277.2754
sp Q96EK5 KBP_HUMAN	582.93555	NaN	669.01953
sp Q96J84 KIRR1_HUMAN	8051.53	NaN	35097.367
sp Q07866 KLC1_HUMAN	12385.371	NaN	2188.1172
sp Q9H0B6 KLC2_HUMAN	307.91766	NaN	10133.754
sp Q53GT1 KLH22_HUMAN	620.83057	NaN	1885.6326
sp P01042 KNG1_HUMAN	556.78766	NaN	11268.793
sp P52294 IMA5_HUMAN	1147.1937	NaN	5309.7866
sp P52292 IMA1_HUMAN	1610.9268	NaN	2347.0022
sp O00505 IMA4_HUMAN	2592.7063	NaN	498.3036
sp O00629 IMA3_HUMAN	3318.7468	NaN	7668.246
sp O60684 IMA7_HUMAN	5111.9644	NaN	7229.097
sp Q14974 IMB1_HUMAN	13708.937	174.2385	4651.79
sp P04264 K2C1_HUMAN	19755.799	21447.219	26267.514
sp P13645 K1C10_HUMAN	13303.007	21198.959	3349.4878
sp P02533 K1C14_HUMAN	2125.8096	4059.5815	4551.1406
sp P08779 K1C16_HUMAN	325.9308	NaN	5710.9907
sp P35908 K22E_HUMAN	10190.964	28864	5820.291
sp Q15323 K1H1_HUMAN	NaN	4103.278	2345.4182
sp P13647 K2C5_HUMAN	2756.7158	3403.746	399.19064
sp Q14CN4 K2C72_HUMAN	NaN	229.8373	8072.6245
sp Q9NSB4 KRT82_HUMAN	NaN	940.68854	33155.668
sp O43790 KRT86_HUMAN	NaN	3701.5334	6923.642
sp P35527 K1C9_HUMAN	7168.2944	8474.555	15753.544
sp Q8N6L1 KTAP2_HUMAN	1162.5001	NaN	10925.166
sp Q86UP2 KTN1_HUMAN	4526.552	NaN	5948.644
sp Q16719 KYNU_HUMAN	4981.8213	NaN	18277.092
sp Q53H82 LACB2_HUMAN	932.1478	NaN	821.7811
sp Q16363 LAMA4_HUMAN	3850.5366	NaN	9637.328

sp P07942 LAMB1_HUMAN	7468.747	NaN	320.7092
sp P55268 LAMB2_HUMAN	2305.4084	NaN	8760.486
sp P11047 LAMC1_HUMAN	8133.0195	425.5916	7684.408
sp P11279 LAMP1_HUMAN	36363.176	7583.661	3187.0093
sp P13473 LAMP2_HUMAN	7056.071	460.94772	4269.9385
sp Q6IAA8 LTOR1_HUMAN	11738.867	322.0184	2279.437
sp Q9Y2Q5 LTOR2_HUMAN	4761.088	NaN	12066.975
sp Q9UHA4 LTOR3_HUMAN	2788.2295	NaN	5489.001
sp Q0VGL1 LTOR4_HUMAN	NaN	166.23865	3315.997
sp O43504 LTOR5_HUMAN	6083.727	NaN	4249.6265
sp O43813 LANC1_HUMAN	3257.922	NaN	16947.03
sp P28838 AMPL_HUMAN	10897.693	NaN	7766.921
sp Q15012 LAP4A_HUMAN	3324.431	NaN	8857.221
sp Q86VI4 LAP4B_HUMAN	321.57825	NaN	7032.946
sp Q71RC2 LARP4_HUMAN	376.48392	NaN	4916.1133
sp Q9P2J5 SYLC_HUMAN	5556.3486	NaN	687.86847
sp Q14847 LASP1_HUMAN	4733.379	807.7688	34552.25
sp Q6UX15 LAYN_HUMAN	430.33163	NaN	510.26596
sp Q14739 LBR_HUMAN	1264.4138	NaN	12938.104
sp Q6UWP7 LCLT1_HUMAN	1042.7769	NaN	6635.0063
sp Q9H6V9 LDAH_HUMAN	230.81941	NaN	6028.184
sp P00338 LDHA_HUMAN	51118.81	4351.181	51850.355
sp P07195 LDHB_HUMAN	15955.721	2643.5059	1035.1936
sp P01130 LDLR_HUMAN	11332.8	NaN	4307.11
sp Q8NC56 LEMD2_HUMAN	1324.3497	NaN	9036.489
sp O15243 OBRG_HUMAN	1029.1394	NaN	3083.84
sp O95214 LERL1_HUMAN	603.8969	NaN	8464.488
sp O95202 LETM1_HUMAN	4171.335	NaN	3911.058
sp P09382 LEG1_HUMAN	108669.43	7964.879	1122.0933
sp P17931 LEG3_HUMAN	11908.371	NaN	9126.427
sp Q08380 LG3BP_HUMAN	3044.725	NaN	419.56226
sp O00214 LEG8_HUMAN	960.0856	NaN	8325.881
sp Q6ZUX7 LHPL2_HUMAN	255.4429	NaN	4143.623

sp Q9Y693 LHPL6_HUMAN	1886.7191	NaN	4447.6616
sp Q9UHB6 LIMA1_HUMAN	5517.3477	NaN	7522.1445
sp Q9UPQ0 LIMC1_HUMAN	594.3289	NaN	4814.312
sp P48059 LIMS1_HUMAN	6870.8535	NaN	5931.223
sp Q9NUP9 LIN7C_HUMAN	1841.1843	NaN	14597.992
sp P38571 LICH_HUMAN	883.1759	NaN	4673.6187
sp Q99732 LITAF_HUMAN	368.9717	NaN	3104.1047
sp Q15334 L2GL1_HUMAN	1423.4908	NaN	8288.591
sp P49257 LMAN1_HUMAN	39916.68	1819.6604	1466.9866
sp Q12907 LMAN2_HUMAN	20795.406	1569.1069	4951.263
sp Q9H0V9 LMA2L_HUMAN	4063.227	NaN	8567.518
sp Q9NUN5 LMBD1_HUMAN	2292.152	NaN	6968.5
sp Q68DH5 LMBD2_HUMAN	193.32922	NaN	3532.3142
sp Q96S06 LMF1_HUMAN	419.68115	NaN	29127.09
sp Q9BU23 LMF2_HUMAN	4429.629	NaN	47137.336
sp P02545 LMNA_HUMAN	19046.498	7462.8574	6065.7373
sp P20700 LMNB1_HUMAN	4374.2324	NaN	6499.6274
sp Q03252 LMNB2_HUMAN	2396.6675	NaN	4296.9478
sp Q8WWI1 LMO7_HUMAN	1880.0963	NaN	146.6569
sp Q9UIQ6 LCAP_HUMAN	12710.13	NaN	1370.0282
sp Q9C0E8 LNP_HUMAN	1806.916	NaN	6952.679
sp P36776 LONM_HUMAN	2992.72	0	5502.382
sp P28300 LYOX_HUMAN	2840.5562	NaN	2732.5786
sp Q9Y4K0 LOXL2_HUMAN	2386.9421	NaN	2486.9692
sp Q92633 LPAR1_HUMAN	10589.153	571.9678	5156.623
sp Q8NF37 PCAT1_HUMAN	761.584	NaN	1313.1105
sp Q7L5N7 PCAT2_HUMAN	743.28723	NaN	1515.45
sp Q6P1A2 MBOA5_HUMAN	942.9702	NaN	3873.2112
sp Q93052 LPP_HUMAN	993.8959	NaN	2333.9343
sp P50851 LRBA_HUMAN	837.75006	NaN	4101.4297
sp Q96I18 LRCH3_HUMAN	298.78284	NaN	6872.1006
sp O75427 LRCH4_HUMAN	2070.824	NaN	219.67438
sp Q07954 LRP1_HUMAN	24227.143	997.4481	757.3826

sp Q7Z4F1 LRP10_HUMAN	4153.4487	NaN	3205.6658
sp P30533 AMRP_HUMAN	8067.3945	NaN	3515.2703
sp P42704 LPPRC_HUMAN	32424.18	217.96658	6242.2783
sp Q8TF66 LRC15_HUMAN	316.34903	NaN	10294.657
sp Q9H9A6 LRC40_HUMAN	605.4955	NaN	5554.799
sp Q8N1G4 LRC47_HUMAN	2453.0107	NaN	5738.4785
sp Q96AG4 LRC59_HUMAN	11431.264	313.13275	3511.1257
sp Q8IWT6 LRC8A_HUMAN	6303.6416	NaN	7039.5605
sp Q8TDW0 LRC8C_HUMAN	18395.406	NaN	4356.9297
sp Q7L1W4 LRC8D_HUMAN	1046.909	NaN	11079.565
sp Q13449 LSAMP_HUMAN	144.50528	NaN	5499.9487
sp O15116 LSM1_HUMAN	504.03278	NaN	4408.4097
sp Q3MHD2 LSM12_HUMAN	445.25916	NaN	14136.002
sp Q9Y333 LSM2_HUMAN	1341.9244	NaN	10604.09
sp Q9Y4Y9 LSM5_HUMAN	992.4678	NaN	6180.8467
sp P62312 LSM6_HUMAN	325.9065	NaN	11881.784
sp O95777 LSM8_HUMAN	761.4867	NaN	914.4884
sp P48449 LSS_HUMAN	6141.914	1145.121	48087.855
sp P09960 LKHA4_HUMAN	8186.078	NaN	856.8127
sp P36941 TNR3_HUMAN	249.5059	NaN	5805.1636
sp P02788 TRFL_HUMAN	97378.52	48169.902	4089.9072
sp P51884 LUM_HUMAN	4640.7837	1224.6158	1551.5112
sp P07948 LYN_HUMAN	852.46484	NaN	7339.86
sp O75608 LYPA1_HUMAN	643.19763	NaN	607.38873
sp O95372 LYPA2_HUMAN	428.72644	NaN	876.4626
sp P20645 MPRD_HUMAN	9480.553	NaN	1340.947
sp Q9UPN3 MACF1_HUMAN	949.96423	NaN	271.82828
sp Q9BQ69 MACD1_HUMAN	13986.477	NaN	53294.367
sp O75367 H2AY_HUMAN	2413.8843	NaN	2871.4436
sp Q9P0M6 H2AW_HUMAN	1033.5466	NaN	5612.6953
sp Q13257 MD2L1_HUMAN	523.19604	NaN	10711.401
sp Q9UNF1 MAGD2_HUMAN	1132.4948	NaN	4929.6055
sp P61326 MGN_HUMAN	215.96051	NaN	2556.4062

sp Q9H0U3 MAGT1_HUMAN	3631.2346	NaN	7212.5986
sp Q9BXY0 MAK16_HUMAN	162.1004	104.34522	986.68396
sp P33908 MA1A1_HUMAN	0	NaN	3519.435
sp Q9UKM7 MA1B1_HUMAN	329.8115	NaN	3383.9236
sp Q16706 MA2A1_HUMAN	5008.75	NaN	7621.0166
sp O00754 MA2B1_HUMAN	1855.2234	NaN	4164.9814
sp P55145 MANF_HUMAN	8627.989	426.41635	1596.6523
sp P78559 MAP1A_HUMAN	5670.24	NaN	3943.76
sp P46821 MAP1B_HUMAN	6508.194	NaN	4730.7266
sp Q9H492 MLP3A_HUMAN	1712.8043	NaN	16605.93
sp A6NCE7 MP3B2_HUMAN	4789.6885	NaN	796.9177
sp Q66K74 MAP1S_HUMAN	599.43835	NaN	4750.422
sp Q02750 MP2K1_HUMAN	2204.6362	NaN	11597.182
sp P36507 MP2K2_HUMAN	2552.7573	0	15437.786
sp P46734 MP2K3_HUMAN	996.08203	NaN	4043.3906
sp P27816 MAP4_HUMAN	3640.8584	243.77003	395.97015
sp O95819 M4K4_HUMAN	2106.0457	NaN	233.94086
sp P28482 MK01_HUMAN	5176.881	NaN	2621.9167
sp Q16539 MK14_HUMAN	223.81525	NaN	235.3116
sp Q8NDC0 MISSL_HUMAN	380.2922	NaN	1794.634
sp P27361 MK03_HUMAN	4557.9307	NaN	7882.9404
sp P49137 MAPK2_HUMAN	5868.8784	NaN	929.12396
sp Q15691 MARE1_HUMAN	4739.743	NaN	16985.87
sp Q15555 MARE2_HUMAN	965.3464	NaN	629.6233
sp Q9NX47 MAREH5_HUMAN	233.02243	NaN	348.67
sp P29966 MARCS_HUMAN	19183.225	1338.7651	8419.968
sp P49006 MRP_HUMAN	2520.0605	NaN	322.89767
sp P56192 SYMC_HUMAN	5453.6733	NaN	2766.6697
sp P48740 MASP1_HUMAN	1461.2664	NaN	3279.9202
sp P31153 METK2_HUMAN	6063.038	NaN	3128.743
sp Q9NZL9 MAT2B_HUMAN	145.5478	NaN	6440.5605
sp P43243 MATR3_HUMAN	4055.5112	NaN	3276.3254
sp Q68D91 MBLC2_HUMAN	3635.1182	NaN	12775.599

sp Q5VZF2 MBNL2_HUMAN	543.4685	NaN	55.102913
sp Q96N66 MBOA7_HUMAN	3548.4465	1015.1242	1071.2393
sp P43121 MUC18_HUMAN	4255.719	NaN	490.66916
sp Q9HCC0 MCCB_HUMAN	2074.7812	NaN	417.82675
sp Q8NI22 MCFD2_HUMAN	3282.4875	NaN	11394.979
sp P49736 MCM2_HUMAN	5699.998	NaN	3689.1682
sp P25205 MCM3_HUMAN	3064.32	NaN	2458.299
sp P33991 MCM4_HUMAN	3706.664	NaN	1922.3486
sp P33992 MCM5_HUMAN	4302.5444	NaN	1054.2468
sp Q14566 MCM6_HUMAN	3059.1846	NaN	9226.202
sp P33993 MCM7_HUMAN	3062.8796	NaN	327.1622
sp Q9GZU1 MCLN1_HUMAN	914.68494	NaN	2545.617
sp Q9ULC4 MCTS1_HUMAN	2837.636	NaN	1935.821
sp Q8NE86 MCU_HUMAN	4046.2104	NaN	7150.565
sp Q96AQ8 MCUR1_HUMAN	468.62927	NaN	13533.775
sp P40925 MDHC_HUMAN	13108.805	756.2724	8989.71
sp P40926 MDHM_HUMAN	37696.574	7706.5576	10658.039
sp P48163 MAOX_HUMAN	2760.737	NaN	399.89398
sp P23368 MAOM_HUMAN	3698.112	NaN	5673.113
sp Q6P9B6 MEAK7_HUMAN	1447.1344	NaN	1455.8293
sp Q9Y316 MEMO1_HUMAN	819.9055	NaN	23742.873
sp Q14696 MESD_HUMAN	6230.518	NaN	5060.621
sp P53582 MAP11_HUMAN	1578.2177	NaN	16367.628
sp P50579 MAP2_HUMAN	1089.246	NaN	1275.7131
sp Q9H8H3 MET7A_HUMAN	4882.888	NaN	4157.9004
sp Q9GZY8 MFF_HUMAN	585.1185	NaN	5545.7983
sp Q08431 MFGM_HUMAN	16646.53	3906.0327	2621.4988
sp Q9H3U5 MFSD1_HUMAN	762.11865	NaN	4665.285
sp Q14728 MFS10_HUMAN	6919.4365	NaN	2573.8267
sp Q6NUT3 MFS12_HUMAN	331.0409	NaN	50412.016
sp Q6N075 MFSD5_HUMAN	778.2522	NaN	6870.102
sp P26572 MGAT1_HUMAN	1441.5269	NaN	4920.4766
sp Q10469 MGAT2_HUMAN	6903.4893	NaN	1787.4584

sp Q99685 MGLL_HUMAN	4679.4473	NaN	26603.348
sp O60291 MGRN1_HUMAN	344.48016	NaN	14480.162
sp P10620 MGST1_HUMAN	9992.866	830.58154	9313.373
sp O14880 MGST3_HUMAN	5571.9214	1122.6349	5257.691
sp Q8TDZ2 MICA1_HUMAN	1277.8486	NaN	630.04395
sp O94851 MICA2_HUMAN	549.37134	NaN	1928.6521
sp Q5XKP0 MIC13_HUMAN	227.18994	NaN	28.645777
sp O15344 TRI18_HUMAN	2260.0205	NaN	2816.7937
sp P14174 MIF_HUMAN	7330.991	177.68683	4540.834
sp Q9UNW1 MINP1_HUMAN	6912.6255	NaN	1144.3641
sp Q14165 MLEC_HUMAN	4303.477	297.57013	8168.832
sp Q96EY8 MMAB_HUMAN	1595.0764	NaN	600.70544
sp P08473 NEP_HUMAN	67937.336	7068.989	5825.348
sp P50281 MMP14_HUMAN	21366.352	2675.484	262.41702
sp P08253 MMP2_HUMAN	6343.4385	958.8767	2749.813
sp Q96T76 MMS19_HUMAN	1222.1774	NaN	4864.307
sp P22033 MUTA_HUMAN	2364.3281	NaN	10133.563
sp Q7L9L4 MOB1B_HUMAN	781.16724	NaN	5669.4517
sp Q9Y3A3 PHOCN_HUMAN	880.1413	NaN	7571.6055
sp Q13724 MOGS_HUMAN	7088.4556	NaN	6630.6597
sp Q8NHP6 MSPD2_HUMAN	255.169	NaN	15582.613
sp Q6UVY6 MOXD1_HUMAN	1347.045	NaN	8532.6455
sp O95563 MPC2_HUMAN	226.99504	NaN	8257.952
sp O75352 MPU1_HUMAN	3271.518	348.28586	6544.007
sp Q6WCQ1 MPRIP_HUMAN	715.8619	NaN	21515.094
sp P39210 MPV17_HUMAN	783.9773	NaN	12400.722
sp O95297 MPZL1_HUMAN	7544.2764	NaN	28919.1
sp O14807 RASM_HUMAN	738.59766	NaN	27282.082
sp Q9UBG0 MRC2_HUMAN	6249.6904	NaN	39065.12
sp Q96AM1 MRGRF_HUMAN	4413.9824	NaN	4880.9106
sp Q8NDA8 MROH1_HUMAN	294.54718	NaN	9480.962
sp Q7Z7H8 RM10_HUMAN	448.3198	NaN	20284.334
sp Q9Y3B7 RM11_HUMAN	697.24646	NaN	5487.6714

sp P52815 RM12_HUMAN	1324.6364	NaN	29099.094
sp Q9BYD1 RM13_HUMAN	19444.002	NaN	13356.521
sp Q9H0U6 RM18_HUMAN	2336.8047	NaN	12355.852
sp Q9BYD3 RM04_HUMAN	610.0646	NaN	3902.8083
sp Q9H9J2 RM44_HUMAN	2177.2273	NaN	21328.6
sp Q13405 RM49_HUMAN	189.67831	NaN	10064.46
sp P82664 RT10_HUMAN	264.16342	NaN	4879.4004
sp Q9Y3D3 RT16_HUMAN	418.06964	NaN	3927.3225
sp P82650 RT22_HUMAN	1240.9011	NaN	14704.967
sp P82663 RT25_HUMAN	178.02483	NaN	11604.287
sp Q9BYN8 RT26_HUMAN	696.476	NaN	2556.5098
sp Q92552 RT27_HUMAN	2209.4248	NaN	13411.312
sp Q92665 RT31_HUMAN	1323.2743	NaN	6051.325
sp P82909 KGD4_HUMAN	1244.0398	NaN	8505.723
sp Q9Y2R9 RT07_HUMAN	1895.9814	NaN	18882.955
sp P82933 RT09_HUMAN	28284.354	NaN	17534.791
sp Q15800 MSMO1_HUMAN	5556.4956	NaN	8964.795
sp P26038 MOES_HUMAN	6522.075	2587.046	17585.107
sp Q9UJ68 MSRA_HUMAN	2470.7168	NaN	15704.391
sp P26927 HGFL_HUMAN	1024.8638	NaN	17524.14
sp P02795 MT2_HUMAN M	19850.014	2578.6787	2472.2202
sp Q13126 MTAP_HUMAN	1543.9419	NaN	343.68497
sp P00846 ATP6_HUMAN	2507.3115	NaN	792.0221
sp P03928 ATP8_HUMAN	2764.2344	NaN	3514.2385
sp Q9NZJ7 MTCH1_HUMAN	3813.805	NaN	2888.1716
sp Q9Y6C9 MTCH2_HUMAN	11289.398	274.49448	8462.577
sp P00395 COX1_HUMAN	1069.8307	NaN	1707.9751
sp P00403 COX2_HUMAN	8139.451	NaN	4539.9287
sp P00414 COX3_HUMAN	1401.094	NaN	7106.9517
sp Q86UE4 LYRIC_HUMAN	2483.726	NaN	10050.622
sp P11586 C1TC_HUMAN	9782.75	NaN	19787.14
sp Q13614 MTMR2_HUMAN	1720.2722	NaN	4411.1064
sp P03886 NU1M_HUMAN	298.33234	NaN	8427.813

sp P03905 NU4M_HUMAN	628.0713	NaN	8529.633
sp P03915 NU5M_HUMAN	2163.9531	NaN	14763.446
sp P42345 MTOR_HUMAN	2649.005	NaN	4793.7056
sp P58546 MTPN_HUMAN	1489.995	378.4767	1945.6927
sp Q13505 MTX1_HUMAN	1469.863	NaN	13583.0625
sp O75431 MTX2_HUMAN	713.5477	NaN	1041.6836
sp P53602 MVD1_HUMAN	1537.7048	NaN	5413.244
sp Q03426 KIME_HUMAN	4556.3	NaN	8165.7725
sp Q14764 MVP_HUMAN M	35736.28	4024.456	5300.0127
sp P84157 MXRA7_HUMAN	632.63574	NaN	8885.048
sp Q9BRK3 MXRA8_HUMAN	7396.6694	273.41144	641.1227
sp Q96S97 MYADM_HUMAN	9145.855	252.48	5326.197
sp Q99836 MYD88_HUMAN	640.61487	NaN	27771.94
sp Q969H8 MYDGF_HUMAN	12178.994	801.49	3738.0251
sp Q9HB07 MYG1_HUMAN	4376.949	NaN	24787.338
sp P35580 MYH10_HUMAN	74722.42	4466.339	11025.731
sp Q7Z406 MYH14_HUMAN	2949.563	NaN	840.86664
sp P35579 MYH9_HUMAN	111355.78	7242.531	5452.7417
sp O14950 ML12B_HUMAN	40848.23	3734.5378	35231.203
sp P60660 MYL6_HUMAN	85910.414	5854.908	2701.0151
sp P24844 MYL9_HUMAN	5925.256	NaN	10894.665
sp Q15746 MYLK_HUMAN	7596.0347	NaN	6536.5117
sp Q9HD67 MYO10_HUMAN	918.123	NaN	13637.774
sp Q92614 MY18A_HUMAN	1746.6901	NaN	3948.031
sp O43795 MYO1B_HUMAN	17171.459	NaN	103510.75
sp O00159 MYO1C_HUMAN	43561.47	NaN	2530.4153
sp Q12965 MYO1E_HUMAN	2127.3264	NaN	11357.131
sp Q9Y4I1 MYO5A_HUMAN	770.3284	NaN	6675.628
sp Q9UM54 MYO6_HUMAN	9678.438	NaN	17991.055
sp Q13459 MYO9B_HUMAN	822.6033	NaN	5941.4634
sp Q9NZM1 MYOF_HUMAN	28999.898	5807.179	4440.4175
sp Q08AG7 MZT1_HUMAN	470.9762	NaN	6850.6665
sp P41227 NAA10_HUMAN	454.39612	NaN	6691.427

sp Q9BXJ9 NAA15_HUMAN	6945.328	NaN	8635.428
sp Q5VZE5 NAA35_HUMAN	NaN	81.43106	10023.04
sp Q9GZZ1 NAA50_HUMAN	463.6303	NaN	1556.7579
sp E9PAV3 NACAM_HUMAN	6787.738	3969.261	14020.477
sp Q13564 ULA1_HUMAN	276.68	NaN	5699.9697
sp Q9UJ70 NAGK_HUMAN	5268.407	260.0416	19226.543
sp P54802 ANAG_HUMAN	224.77899	NaN	5935.5684
sp Q9UK23 NAGPA_HUMAN	434.3427	NaN	11523.8
sp P43490 NAMPT_HUMAN	9699.596	NaN	31628.008
sp P0DOX8 IGL1_HUMAN	2135.599	1091.0444	2274.9019
sp Q9NR45 SIAS_HUMAN	4203.2827	NaN	2205.739
sp P55209 NP1L1_HUMAN	8877.851	NaN	2664.05
sp Q99733 NP1L4_HUMAN	10796.924	NaN	7487.9404
sp P54920 SNAA_HUMAN	10193.105	NaN	706.39374
sp Q99747 SNAG_HUMAN	2575.4495	NaN	12903.637
sp O43776 SYNC_HUMAN	57533.09	NaN	13698.283
sp P49321 NASP_HUMAN	443.30765	NaN	230.16022
sp Q8WUY8 NAT14_HUMAN	1500.8806	NaN	2825.0242
sp A2RRP1 NBAS_HUMAN	5853.801	NaN	5446.5933
sp Q9H094 NBPF3_HUMAN	NaN	0	238.56667
sp Q14596 NBR1_HUMAN	3283.5232	NaN	12474.41
sp P13591 NCAM1_HUMAN	3502.484	NaN	645.115
sp Q15021 CND1_HUMAN	6730.9683	NaN	1444.7859
sp Q9BPX3 CND3_HUMAN	4158.9883	NaN	4485.5684
sp Q15003 CND2_HUMAN	8006.873	NaN	13856.705
sp Q6PIU2 NCEH1_HUMAN	8169.476	359.57156	4354.1406
sp P16333 NCK1_HUMAN	18299.273	NaN	12183.978
sp Q9Y2A7 NCKP1_HUMAN	8857.348	NaN	18889.828
sp P19338 NUCL_HUMAN	2861.679	230.28746	7825.9824
sp Q969V3 NCLN_HUMAN	12474.34	NaN	10373.187
sp Q13772 NCOA4_HUMAN	6385.131	NaN	2675.2908
sp P62166 NCS1_HUMAN	1688.7683	NaN	11055.492
sp Q92542 NICA_HUMAN	6051.2563	700.7676	8522.31

sp Q9BT67 NFIP1_HUMAN	5121.4673	NaN	7220.688
sp Q9NV92 NFIP2_HUMAN	406.83737	NaN	7590.0483
sp Q92597 NDRG1_HUMAN	5205.8633	NaN	4397.1226
sp Q9UGV2 NDRG3_HUMAN	2872.5835	NaN	15237.377
sp P52848 NDST1_HUMAN	680.8065	NaN	3281.7349
sp O95299 NDUAA_HUMAN	10093.442	NaN	6176.2446
sp Q86Y39 NDUAB_HUMAN	2936.1826	NaN	4359.8374
sp Q9UI09 NDUAC_HUMAN	996.95264	NaN	3259.6184
sp Q9P0J0 NDUAD_HUMAN	10255.572	NaN	994.4369
sp O43678 NDUA2_HUMAN	1780.2032	NaN	268.51
sp O95167 NDUA3_HUMAN	711.0925	NaN	2629.4368
sp O00483 NDUA4_HUMAN	2004.5236	291.9026	134.93488
sp Q16718 NDUA5_HUMAN	4386.1494	NaN	39274.586
sp P56556 NDUA6_HUMAN	926.7738	NaN	1658.7727
sp O95182 NDUA7_HUMAN	909.56525	NaN	3166.0186
sp P51970 NDUA8_HUMAN	1896.8916	NaN	1870.6644
sp Q16795 NDUA9_HUMAN	2549.306	NaN	3544.0505
sp O14561 ACPM_HUMAN	5157.2524	NaN	3793.6743
sp Q9P032 NDUF4_HUMAN	1122.9333	NaN	2374.3777
sp O75438 NDUB1_HUMAN	250.79926	NaN	4369.421
sp O96000 NDUBA_HUMAN	3061.5125	653.45856	10280.136
sp Q9NX14 NDUBB_HUMAN	983.8644	NaN	9293.926
sp O43676 NDUB3_HUMAN	2044.7349	299.80374	4179.7607
sp O95168 NDUB4_HUMAN	3417.8755	157.4602	2599.0261
sp O43674 NDUB5_HUMAN	1323.1318	NaN	2461.8367
sp O95139 NDUB6_HUMAN	299.36462	NaN	2782.1868
sp P17568 NDUB7_HUMAN	1809.6193	NaN	4902.8457
sp O95169 NDUB8_HUMAN	621.62524	NaN	13769.824
sp Q9Y6M9 NDUB9_HUMAN	4829.7227	NaN	349.7179
sp O95298 NDUC2_HUMAN	561.3982	NaN	1544.9618
sp P28331 NDUS1_HUMAN	5695.1914	NaN	23790.473
sp O75306 NDUS2_HUMAN	7492.6123	NaN	8837.287
sp O75489 NDUS3_HUMAN	6028.3525	NaN	10117.067

sp O43181 NDUS4_HUMAN	716.00525	NaN	2548.7437
sp O43920 NDUS5_HUMAN	1901.3345	NaN	1541.3398
sp O75380 NDUS6_HUMAN	729.82434	NaN	3003.9463
sp O75251 NDUS7_HUMAN	2158.1917	NaN	1268.7002
sp O00217 NDUS8_HUMAN	1772.5715	NaN	6430.8193
sp P49821 NDUV1_HUMAN	7114.078	NaN	4265.7393
sp P19404 NDUV2_HUMAN	7855.2017	NaN	11642.414
sp Q92692 NECT2_HUMAN	5612.326	NaN	2404.3506
sp Q9NQS3 NECT3_HUMAN	3550.8462	NaN	1693.7267
sp P46934 NEDD4_HUMAN	1567.3378	NaN	5472.4727
sp Q96PU5 NED4L_HUMAN	349.02347	NaN	26177.963
sp Q15843 NEDD8_HUMAN	2422.3352	NaN	8353.798
sp Q8TD19 NEK9_HUMAN	986.617	NaN	6213.562
sp Q9UMX5 NENF_HUMAN	14895.263	NaN	4368.419
sp Q92859 NEO1_HUMAN	129.34578	NaN	618.2501
sp P48681 NEST_HUMAN	7017.1743	NaN	395.0149
sp P21359 NF1_HUMAN	580.72095	NaN	2488.072
sp O94856 NFASC_HUMAN	1055.3723	NaN	8306.933
sp Q9UMS0 NFU1_HUMAN	1274.0835	NaN	2238.61
sp Q9NX24 NHP2_HUMAN	336.71277	NaN	23552.877
sp Q9BZQ8 NIBA1_HUMAN	1623.5232	NaN	458.89572
sp Q96TA1 NIBA2_HUMAN	9057.295	NaN	19835.717
sp P14543 NID1_HUMAN	711.61566	NaN	8615.139
sp Q9GZT8 NIF3L_HUMAN	1428.4331	NaN	14532.043
sp Q92982 NINJ1_HUMAN	2406.78	NaN	13035.65
sp Q9BPW8 NIPS1_HUMAN	2553.3467	NaN	4739.8774
sp O75323 NIPS2_HUMAN	1073.3757	NaN	10018.1
sp Q9UFN0 NPS3A_HUMAN	2113.993	NaN	61824.188
sp Q9NQR4 NIT2_HUMAN	3915.8538	NaN	6408.8364
sp Q9BYT8 NEUL_HUMAN	875.1463	NaN	7392.236
sp P15531 NDKA_HUMAN	23631.562	3300.369	2202.0842
sp O60361 NDK8_HUMAN	20050.135	868.15656	3131.9897
sp Q13232 NDK3_HUMAN	519.6784	NaN	3778.147

sp P30419 NMT1_HUMAN	1868.6052	NaN	3752.561
sp O60551 NMT2_HUMAN	483.56314	NaN	5618.951
sp P40261 NNMT_HUMAN	4757.18	NaN	1773.8405
sp Q13423 NNTM_HUMAN	30781.395	0	2591.1404
sp O60936 NOL3_HUMAN	0	NaN	3070.873
sp P69849 NOMO3_HUMAN	12226.843	319.2032	2055.3108
sp Q15233 NONO_HUMAN	8832.551	NaN	6225.3105
sp Q9NPE3 NOP10_HUMAN	721.7095	NaN	8946.291
sp O00567 NOP56_HUMAN	3467.4683	NaN	5073.106
sp Q9Y2X3 NOP58_HUMAN	884.4745	NaN	17388.857
sp Q04721 NOTC2_HUMAN	6271.835	NaN	1173.2739
sp O15118 NPC1_HUMAN	35480.08	4365.663	13460.211
sp P61916 NPC2_HUMAN	4642.6885	2928.4065	7993.334
sp P55786 PSA_HUMAN	5319.476	274.6107	6984.9893
sp Q8TAT6 NPL4_HUMAN	1459.8176	NaN	4928.1055
sp P06748 NPM_HUMAN	5025.9756	1030.1204	4267.2
sp O75607 NPM3_HUMAN	277.0274	NaN	2168.5132
sp P20594 ANPRB_HUMAN	1061.589	NaN	1710.8973
sp Q9Y639 NPTN_HUMAN	9273.162	0	8950.103
sp P15559 NQO1_HUMAN	11658.926	228.30746	3081.5635
sp P01111 RASN_HUMAN	2985.0037	NaN	4110.319
sp Q9UHY1 NRBP_HUMAN	1090.1339	NaN	8012.9736
sp O43847 NRDC_HUMAN	2294.0178	NaN	15373.696
sp O14786 NRP1_HUMAN	8746.583	NaN	11773.1
sp O60462 NRP2_HUMAN	11470.941	NaN	32867.3
sp Q15738 NSDHL_HUMAN	5516.8765	404.13528	30355.582
sp P46459 NSF_HUMAN	10166.236	NaN	838.25446
sp Q9UNZ2 NSF1C_HUMAN	2227.02	NaN	715.44946
sp P49902 5NTC_HUMAN	1274.9777	NaN	3221.348
sp Q9H857 NT5D2_HUMAN	162.35474	NaN	1761.0901
sp Q86UY8 NT5D3_HUMAN	524.4313	NaN	4050.435
sp P21589 5NTD_HUMAN	48310.883	6761.2344	2163.8027
sp Q9P121 NTRI_HUMAN	1180.3605	NaN	7242.7544

sp Q9BV86 NTM1A_HUMAN	2529.9692	NaN	8555.775
sp Q9BSD7 NTPCR_HUMAN	399.0525	NaN	4183.3315
sp P53384 NUBP1_HUMAN	1568.9838	NaN	4140.8096
sp Q9Y5Y2 NUBP2_HUMAN	636.8865	NaN	8910.291
sp Q02818 NUCB1_HUMAN	9155.277	NaN	3151.4102
sp P80303 NUCB2_HUMAN	6992.291	NaN	7104.221
sp Q9H1E3 NUCKS_HUMAN	258.68216	NaN	65.17099
sp Q9Y266 NUDC_HUMAN	5385.44	NaN	958.0747
sp Q8WVJ2 NUDC2_HUMAN	996.7594	NaN	6579.672
sp P36639 8ODP_HUMAN	1295.4065	NaN	4049.1145
sp P50583 AP4A_HUMAN	1401.2212	NaN	680.6839
sp Q9UKK9 NUDT5_HUMAN	2832.262	NaN	2365.0603
sp P49757 NUMB_HUMAN	327.26514	NaN	1460.7778
sp P57740 NU107_HUMAN	165.22437	NaN	4568.4307
sp Q8WUM0 NU133_HUMAN	777.51154	NaN	965.07745
sp O75694 NU155_HUMAN	3598.3281	NaN	574.34955
sp Q92621 NU205_HUMAN	1345.8005	NaN	7686.4355
sp Q8NFH3 NUP43_HUMAN	505.04037	NaN	2997.5503
sp P37198 NUP62_HUMAN	3906.9395	NaN	5512.8364
sp Q9BW27 NUP85_HUMAN	1031.1458	NaN	14457.878
sp Q8N1F7 NUP93_HUMAN	2478.0225	NaN	NaN
sp P52948 NUP98_HUMAN	248.3824	NaN	NaN
sp P61970 NTF2_HUMAN	2683.397	NaN	NaN
sp Q6DKJ4 NXN_HUMAN	3393.1099	NaN	5787.802
sp P29728 OAS2_HUMAN	1204.5428	NaN	2482.503
sp Q9Y6K5 OAS3_HUMAN	0	NaN	6195.8306
sp P04181 OAT_HUMAN	7679.3965	1280.0099	8070.985
sp Q8TAD7 OCC1_HUMAN	3390.3833	NaN	4633.79
sp Q9NX40 OCAD1_HUMAN	3061.326	NaN	6356.8677
sp Q56VL3 OCAD2_HUMAN	1701.6315	NaN	11656.572
sp Q96M63 ODAD1_HUMAN	12617.863	943.62823	852.1336
sp Q5SWX8 ODR4_HUMAN	1202.3605	NaN	6482.1396
sp O60502 OGA_HUMAN	3789.2554	NaN	1922.4055

sp Q02218 ODO1_HUMAN	6509.0073	NaN	NaN
sp Q9NTK5 OLA1_HUMAN	3999.5347	NaN	NaN
sp O60313 OPA1_HUMAN	2372.3086	NaN	14348.531
sp Q96CV9 OPTN_HUMAN	4113.244	NaN	6279.957
sp Q53FV1 ORML2_HUMAN	1242.1958	NaN	3089.3555
sp Q8N138 ORML3_HUMAN	352.26205	NaN	NaN
sp Q13438 OS9_HUMAN	825.2959	NaN	NaN
sp P22059 OSBP1_HUMAN	794.9754	NaN	9746.192
sp Q9BXB4 OSB11_HUMAN	103.375435	NaN	3270.325
sp Q9BZF1 OSBL8_HUMAN	7004.273	NaN	NaN
sp Q96SU4 OSBL9_HUMAN	444.50897	NaN	NaN
sp Q99650 OSMR_HUMAN	565.3985	NaN	NaN
sp Q9NRP0 OSTC_HUMAN	1899.0834	NaN	37821.055
sp Q92882 OSTF1_HUMAN	17316.19	NaN	NaN
sp Q86WC4 OSTM1_HUMAN	3493.2969	NaN	NaN
sp Q96FW1 OTUB1_HUMAN	5857.83	NaN	7596.912
sp P55809 SCOT1_HUMAN	3763.9995	NaN	819.13135
sp O95747 OXSR1_HUMAN	3174.2295	NaN	5011.6416
sp Q99571 P2RX4_HUMAN	2079.5073	NaN	3224.3923
sp Q32P28 P3H1_HUMAN	8384.667	671.91125	3803.7212
sp Q8IVL6 P3H3_HUMAN	5358.2793	NaN	204.5807
sp Q92791 SC65_HUMAN	2764.4907	NaN	1603.2322
sp P13674 P4HA1_HUMAN	15004.796	1519.4902	7209.51
sp O15460 P4HA2_HUMAN	9842.391	245.87039	NaN
sp P07237 PDIA1_HUMAN	61104.617	10144.956	NaN
sp Q9NXG6 P4HTM_HUMAN	243.62802	NaN	7383.7437
sp Q9UQ80 PA2G4_HUMAN	7759.8047	NaN	4676.805
sp P11940 PABP1_HUMAN	15015.405	NaN	16545.541
sp Q13310 PABP4_HUMAN	12783.828	NaN	14039.564
sp Q86U42 PABP2_HUMAN	941.9639	NaN	4724.0625
sp Q6VY07 PACS1_HUMAN	858.3675	NaN	1599.67
sp Q9UNF0 PACN2_HUMAN	1900.093	NaN	NaN
sp Q9UKS6 PACN3_HUMAN	3857.2817	NaN	NaN

sp P43034 LIS1_HUMAN	27635.707	NaN	NaN
sp P68402 PA1B2_HUMAN	2133.126	NaN	NaN
sp Q15102 PA1B3_HUMAN	5361.329	NaN	NaN
sp P22234 PUR6_HUMAN	8709.902	NaN	17093.58
sp Q9H074 PAIP1_HUMAN	2673.1396	NaN	22275.027
sp Q13177 PAK2_HUMAN	5709.9136	NaN	10903.222
sp Q8WX93 PALLD_HUMAN	5299.2227	353.0257	1818.5118
sp Q8N3R9 PALS1_HUMAN	674.08734	NaN	1354.1913
sp Q9NZW5 PALS2_HUMAN	414.54733	NaN	1066.9023
sp Q96RD7 PANX1_HUMAN	5131.737	NaN	6782.918
sp O43252 PAPS1_HUMAN	275.3919	NaN	701.9686
sp O95340 PAPS2_HUMAN	7862.2964	NaN	377.98807
sp Q99497 PARK7_HUMAN	11380.635	1134.2762	14570.283
sp Q9UKK3 PARP4_HUMAN	5851.0234	NaN	722.3667
sp Q9NVD7 PARVA_HUMAN	4142.8726	NaN	330.83014
sp Q86TB9 PATL1_HUMAN	3175.1006	NaN	NaN
sp Q9BVG4 PBDC1_HUMAN	231.82993	NaN	NaN
sp Q96KB5 TOPK_HUMAN	783.22235	NaN	NaN
sp Q96AQ6 PBIP1_HUMAN	6126.532	NaN	1648.2128
sp P11498 PYC_HUMAN	9782.315	NaN	8605.894
sp Q15365 PCBP1_HUMAN	15440.436	528.6614	594.97864
sp Q15366 PCBP2_HUMAN	20520.021	880.9851	163.70924
sp P57721 PCBP3_HUMAN	1051.6991	NaN	2373.1616
sp P05166 PCCB_HUMAN	2191.1948	NaN	2047.427
sp Q9HCL0 PCD18_HUMAN	5417.1123	NaN	NaN
sp Q9Y5G0 PCDGH_HUMAN	5080.4155	NaN	NaN
sp Q9Y5F8 PCDGJ_HUMAN	935.7332	NaN	NaN
sp Q9UN70 PCDGK_HUMAN	592.63855	NaN	189.43439
sp Q5JVF3 PCID2_HUMAN	750.6769	NaN	234.3236
sp Q16822 PCKGM_HUMAN	3222.2036	NaN	2732.1343
sp P22061 PIMT_HUMAN	2633.4434	NaN	9779.115
sp P12004 PCNA_HUMAN	6291.479	216.08955	5984.305
sp Q8WW12 PCNP_HUMAN	427.34897	NaN	2395.688

sp Q15113 PCOC1_HUMAN	6116.0264	271.03424	7702.091
sp Q9UHG3 PCYOX_HUMAN	8437.832	701.79407	3600.8342
sp Q8NBM8 PCYXL_HUMAN	294.54608	NaN	5041.767
sp P49585 PCY1A_HUMAN	7413.7363	NaN	1602.7714
sp Q99447 PCY2_HUMAN	764.91925	NaN	61.339108
sp Q13442 HAP28_HUMAN	355.85272	NaN	NaN
sp Q9BUL8 PDC10_HUMAN	1696.4952	NaN	NaN
sp Q9BQ51 PD1L2_HUMAN	383.6776	NaN	NaN
sp Q53EL6 PDCD4_HUMAN	1688.2344	NaN	1073.8915
sp O14737 PDCD5_HUMAN	1513.3647	NaN	1596.9849
sp O75340 PDCD6_HUMAN	5592.1636	NaN	193.22717
sp Q8WUM4 PDC6I_HUMAN	8102.9507	149.32597	4305.1035
sp Q13371 PHLP_HUMAN	368.01453	NaN	7193.0586
sp Q9H2J4 PDCL3_HUMAN	474.07474	NaN	NaN
sp O76074 PDE5A_HUMAN	12832.26	NaN	NaN
sp Q9NRA1 PDGFC_HUMAN	1217.1648	NaN	NaN
sp Q9GZP0 PDGFD_HUMAN	446.9435	NaN	20988.457
sp P16234 PGFRA_HUMAN	24208.426	NaN	446.59442
sp P09619 PGFRB_HUMAN	8646.187	NaN	180.25165
sp P08559 ODPA_HUMAN	4375.206	NaN	30938.094
sp P11177 ODPB_HUMAN	7159.2256	NaN	4807.627
sp P30101 PDIA3_HUMAN	62907	7617.525	3262.7397
sp P13667 PDIA4_HUMAN	13883.439	2991.7864	7939.3765
sp Q15084 PDIA6_HUMAN	25494.158	4455.114	10064.973
sp O00151 PDLI1_HUMAN	7843.926	NaN	13215.631
sp Q96HC4 PDLI5_HUMAN	11333.701	NaN	14739.115
sp Q9NR12 PDLI7_HUMAN	4746.662	NaN	6267.2646
sp Q8NCN5 PDPR_HUMAN	828.8435	NaN	NaN
sp Q29RF7 PDS5A_HUMAN	0	NaN	NaN
sp Q9NTI5 PDS5B_HUMAN	500.0783	NaN	NaN
sp Q6P996 PDXD1_HUMAN	3974.4365	NaN	10306.534
sp O00764 PDXK_HUMAN	3364.3638	NaN	1206.3844
sp Q15121 PEA15_HUMAN	2507.014	226.25356	3155.7078

sp Q5VY43 PEAR1_HUMAN	703.15936	NaN	41622.305
sp P30086 PEBP1_HUMAN	9277.653	2233.4292	1335.4214
sp Q9UBV8 PEF1_HUMAN	2162.1863	NaN	2530.2224
sp Q9BRX2 PELO_HUMAN	1333.4866	NaN	5178.2417
sp Q8IZL8 PELP1_HUMAN	269.3755	NaN	13412.843
sp P12955 PEPD_HUMAN	4187.664	226.58414	16381.164
sp Q96FX8 PERP_HUMAN	298.79913	NaN	13569.704
sp O96011 PX11B_HUMAN	5388.862	NaN	2990.3577
sp O75381 PEX14_HUMAN	1275.7772	NaN	NaN
sp O15067 PUR4_HUMAN	1390.8175	NaN	NaN
sp O60925 PFD1_HUMAN	554.94415	NaN	NaN
sp Q9UHV9 PFD2_HUMAN	1831.5973	NaN	NaN
sp Q9NQP4 PFD4_HUMAN	4032.12	NaN	4134.1724
sp Q99471 PFD5_HUMAN	1490.8015	NaN	NaN
sp O15212 PFD6_HUMAN	2433.102	NaN	NaN
sp P17858 PFKAL_HUMAN	14714.992	NaN	NaN
sp P08237 PFKAM_HUMAN	2974.3281	NaN	346.26312
sp Q01813 PFKAP_HUMAN	16434.824	NaN	8290.943
sp P07737 PROF1_HUMAN	61015.348	11779.853	6485.1094
sp P35080 PROF2_HUMAN	3623.042	242.8573	13386.237
sp P18669 PGAM1_HUMAN	13320.595	1291.1584	1278.5933
sp P52209 6PGD_HUMAN	10455.463	1469.4402	6132.411
sp P00558 PGK1_HUMAN	20340.684	2589.062	1141.3315
sp O95336 6PGL_HUMAN	3464.466	NaN	4829.3955
sp Q96PD5 PGRP2_HUMAN	1190.5425	NaN	NaN
sp P36871 PGM1_HUMAN	3550.1646	NaN	NaN
sp O95394 AGM1_HUMAN	4448.3213	NaN	NaN
sp O00264 PGRC1_HUMAN	14909.368	93.121475	6230.6675
sp O15173 PGRC2_HUMAN	29298.877	1174.5741	3658.2783
sp P35232 PHB1_HUMAN	10436.7295	2820.1213	1889.6614
sp Q99623 PHB2_HUMAN	16811.424	4022.3186	9562.554
sp O43175 SERA_HUMAN	7437.54	NaN	5634.582
sp Q9NRX4 PHP14_HUMAN	3725.2126	NaN	4137.5015

sp Q9BTU6 P4K2A_HUMAN	17417.914	NaN	790.1896
sp P42356 PI4KA_HUMAN	3254.49	501.95334	3423.295
sp Q9UBF8 PI4KB_HUMAN	159.77946	NaN	5873.851
sp Q13492 PICAL_HUMAN	6522.1807	NaN	788.89014
sp Q92508 PIEZ1_HUMAN	16242.914	NaN	2768.4163
sp Q92643 GPI8_HUMAN	2664.5615	NaN	8687.725
sp Q96S52 PIGS_HUMAN	3505.1304	NaN	20184.186
sp Q969N2 PIGT_HUMAN	5135.1826	NaN	NaN
sp Q9H490 PIGU_HUMAN	2011.1544	NaN	NaN
sp Q13526 PIN1_HUMAN	1754.0002	NaN	NaN
sp P48426 PI42A_HUMAN	1250.3816	NaN	NaN
sp Q8TBX8 PI42C_HUMAN	1527.2413	NaN	15039.229
sp Q86T03 PP4P1_HUMAN	3130.6257	NaN	4003.5542
sp Q8N4L2 PP4P2_HUMAN	1498.5474	NaN	3349.6375
sp O00625 PIR_HUMAN	312.35107	NaN	NaN
sp Q00169 PIPNA_HUMAN	985.4979	NaN	NaN
sp P48739 PIPNB_HUMAN	3160.2466	NaN	NaN
sp Q5JRX3 PREP_HUMAN	9551.408	NaN	NaN
sp Q7Z3Z3 PIWL3_HUMAN	209.63799	NaN	2630.924
sp P14618 KPYM_HUMAN	137725.94	12481.958	8887.24
sp Q16513 PKN2_HUMAN	475.4149	NaN	2407.9233
sp P47712 PA24A_HUMAN	4204.619	NaN	6908.7236
sp Q9Y263 PLAP_HUMAN	1946.6333	NaN	328.21713
sp P00749 UROK_HUMAN	11040.575	NaN	NaN
sp Q03405 UPAR_HUMAN	4401.471	NaN	NaN
sp Q8NHP8 PLBL2_HUMAN	3947.7842	NaN	NaN
sp P51178 PLCD1_HUMAN	972.0023	NaN	7203.903
sp Q8N3E9 PLCD3_HUMAN	451.78436	NaN	8716.891
sp Q8IV08 PLD3_HUMAN	8780.095	522.0451	39087.45
sp Q15149 PLEC_HUMAN	13018.696	2882.484	2872.4912
sp P08567 PLEK_HUMAN	305.0295	NaN	17843.06
sp Q96CS7 PKHB2_HUMAN	1056.427	NaN	2427.1614
sp Q8TD55 PKHO2_HUMAN	831.37787	NaN	4861.164

sp P00747 PLMN_HUMAN	9098.072	2821.8792	330.69565
sp Q9HBL7 PLRKT_HUMAN	3502.2212	NaN	3532.8455
sp O60664 PLIN3_HUMAN	1491.455	NaN	6562.6416
sp Q02809 PLOD1_HUMAN	9334.247	675.1959	729.75757
sp O00469 PLOD2_HUMAN	6579.0283	7939.8184	5384.8994
sp O60568 PLOD3_HUMAN	17241.432	1093.353	13507.45
sp Q04941 PLP2_HUMAN	12164.512	306.6324	3354.5435
sp O94903 PLPHP_HUMAN	1351.9376	NaN	7221.949
sp O14494 PLPP1_HUMAN	1896.2312	NaN	4716.871
sp O14495 PLPP3_HUMAN	11752.904	422.44363	9391.025
sp P13797 PLST_HUMAN	11980.617	NaN	19566.965
sp O15162 PLS1_HUMAN	3989.9785	NaN	8990.354
sp Q9NRY6 PLS3_HUMAN	2849.0764	NaN	3402.0151
sp P55058 PLTP_HUMAN	1385.6125	NaN	5024.258
sp Q6UX71 PXDC2_HUMAN	774.1688	NaN	2616.8877
sp Q9UIW2 PLXA1_HUMAN	2868.3096	NaN	20011.738
sp P51805 PLXA3_HUMAN	1961.3744	NaN	NaN
sp O15031 PLXB2_HUMAN	8561.232	NaN	NaN
sp Q9Y4D7 PLXD1_HUMAN	1034.4143	NaN	NaN
sp P29590 PML_HUMAN	1611.9271	NaN	391.72577
sp Q92871 PMM1_HUMAN	881.67175	NaN	1746.8093
sp O15305 PMM2_HUMAN	1961.6167	77.79526	4427.5483
sp Q10713 MPPA_HUMAN	2993.2173	NaN	19311.504
sp O75439 MPPB_HUMAN	2469.1194	NaN	2866.3438
sp Q15126 PMVK_HUMAN	2353.7314	NaN	NaN
sp Q96T60 PNKP_HUMAN	123.46508	NaN	NaN
sp P00491 PNPH_HUMAN	3735.0793	NaN	NaN
sp Q8IY17 PLPL6_HUMAN	2234.47	NaN	NaN
sp Q9NVS9 PNPO_HUMAN	1153.0696	NaN	6215.13
sp Q8TCS8 PNPT1_HUMAN	1560.5525	NaN	18546.373
sp Q9H488 OFUT1_HUMAN	4521.3833	NaN	2337.897
sp Q9Y2G5 OFUT2_HUMAN	4796.281	177.42581	5322.8086
sp Q8NBL1 PGLT1_HUMAN	889.4155	NaN	1196.1653

sp Q6UW63 PLGT2_HUMAN	1046.266	NaN	5078.9087
sp Q7Z4H8 PLGT3_HUMAN	4541.6274	NaN	10148.597
sp Q9Y2S7 PDIP2_HUMAN	427.04486	NaN	NaN
sp O15160 RPAC1_HUMAN	466.81366	NaN	1940.4318
sp P30876 RPB2_HUMAN	420.75928	NaN	3978.7844
sp P19387 RPB3_HUMAN	239.95093	NaN	NaN
sp P52434 RPAB3_HUMAN	349.00037	NaN	NaN
sp P52435 RPB11_HUMAN	234.54114	NaN	NaN
sp O00411 RPOM_HUMAN	0	NaN	7306.6416
sp Q15165 PON2_HUMAN	8549.047	NaN	NaN
sp P16435 NCPR_HUMAN	8345.87	NaN	1834.6211
sp Q15063 POSTN_HUMAN	458.42496	NaN	28307.615
sp P0CG39 POTEJ_HUMAN	18515.47	0	761.3949
sp Q15181 IPYR_HUMAN	6933.5625	NaN	4717.5996
sp Q9H2U2 IPYR2_HUMAN	3940.0046	NaN	15236.668
sp Q06203 PUR1_HUMAN	198.21193	NaN	8303.781
sp Q86W92 LIPB1_HUMAN	368.22842	NaN	9618.082
sp P62937 PPIA_HUMAN	68838.91	6547.567	4532.5225
sp P23284 PPIB_HUMAN	60629.36	11774.93	579.2884
sp P45877 PPIC_HUMAN	1448.646	NaN	5753.0117
sp Q9UNP9 PPIE_HUMAN	10134.337	NaN	5815.57
sp P30405 PPIF_HUMAN	1183.604	NaN	NaN
sp P35813 PPM1A_HUMAN	767.5233	NaN	12542.252
sp Q9Y570 PPME1_HUMAN	770.8017	NaN	5959.042
sp P62136 PP1A_HUMAN	6410.2896	NaN	6275.6113
sp P62140 PP1B_HUMAN	10242.944	NaN	4441.882
sp P36873 PP1G_HUMAN	9227.357	NaN	12093.444
sp O14974 MYPT1_HUMAN	807.4968	NaN	5145.069
sp Q6NYC8 PPR18_HUMAN	594.6193	NaN	3865.1423
sp Q15435 PP1R7_HUMAN	3875.354	NaN	857.6842
sp P67775 PP2AA_HUMAN	9039.166	NaN	3372.743
sp P62714 PP2AB_HUMAN	1458.7744	NaN	8067.011
sp P30153 2AAA_HUMAN	8817.175	NaN	13526.341

sp P63151 2ABA_HUMAN	780.30664	NaN	NaN
sp Q15172 2A5A_HUMAN	275.6254	NaN	NaN
sp Q14738 2A5D_HUMAN	1671.3607	NaN	NaN
sp Q16537 2A5E_HUMAN	396.57217	NaN	NaN
sp Q08209 PP2BA_HUMAN	4583.787	NaN	NaN
sp P63098 CANB1_HUMAN	851.2809	NaN	NaN
sp P60510 PP4C_HUMAN	1784.6697	NaN	NaN
sp Q8TF05 PP4R1_HUMAN	889.5102	NaN	10560.739
sp P53041 PPP5_HUMAN	4771.395	NaN	23385.72
sp O00743 PPP6_HUMAN	2829.5276	NaN	2360.6318
sp Q9UPN7 PP6R1_HUMAN	569.44745	NaN	NaN
sp O75170 PP6R2_HUMAN	651.64746	NaN	2599.012
sp Q5H9R7 PP6R3_HUMAN	1546.9899	NaN	4888.969
sp P50897 PPT1_HUMAN	938.98834	NaN	798.35974
sp O60831 PRAF2_HUMAN	3822.0435	458.1132	12135.607
sp P42785 PCP_HUMAN	3353.1753	NaN	651.75134
sp Q06830 PRDX1_HUMAN	28949.389	2713.1016	820.8552
sp P32119 PRDX2_HUMAN	4983.7812	NaN	9465.726
sp P30048 PRDX3_HUMAN	10210.743	583.71045	1170.6246
sp Q13162 PRDX4_HUMAN	11837.032	1047.7313	3773.3015
sp P30044 PRDX5_HUMAN	10780.763	843.25446	813.95905
sp P30041 PRDX6_HUMAN	9739.162	1369.1989	27116.375
sp Q9HCU5 PREB_HUMAN	617.7152	NaN	2184.3682
sp P48147 PPCE_HUMAN	1759.4421	NaN	10616.273
sp Q13131 AAPK1_HUMAN	2541.2734	NaN	7323.9897
sp Q9Y478 AAKB1_HUMAN	232.7196	NaN	1228.3428
sp P17612 KAPCA_HUMAN	756.0645	NaN	3395.8823
sp P22694 KAPCB_HUMAN	3512.685	NaN	4565.855
sp P54619 AAKG1_HUMAN	519.544	NaN	16158.578
sp P10644 KAP0_HUMAN	16368.116	368.55585	16317.613
sp P13861 KAP2_HUMAN	4704.5923	NaN	15813.129
sp P17252 KPCA_HUMAN	7636.048	NaN	2008.7837
sp P41743 KPCI_HUMAN	407.90814	NaN	8129.26

sp P14314 GLU2B_HUMAN	25752.799	3448.3125	899.928
sp Q15139 KPCD1_HUMAN	549.65186	NaN	19184.754
sp P78527 PRKDC_HUMAN	9662.717	NaN	997.6496
sp O75569 PRKRA_HUMAN	3992.0413	NaN	6132.243
sp Q99873 ANM1_HUMAN	5788.0537	NaN	1807.2893
sp O14744 ANM5_HUMAN	3938.5664	NaN	NaN
sp P04156 PRIO_HUMAN	3206.5955	NaN	NaN
sp P07225 PROS_HUMAN	2043.1648	NaN	NaN
sp Q9UMS4 PRP19_HUMAN	852.17114	NaN	NaN
sp O75400 PR40A_HUMAN	826.0634	NaN	NaN
sp O94906 PRP6_HUMAN	453.2023	NaN	NaN
sp Q6P2Q9 PRP8_HUMAN	4290.7837	NaN	NaN
sp P60891 PRPS1_HUMAN	8669.683	NaN	686.15857
sp P11908 PRPS2_HUMAN	5530.4746	NaN	5234.419
sp Q14558 KPRA_HUMAN	8404.825	NaN	1795.3301
sp Q96M27 PRRC1_HUMAN	1379.5251	NaN	3170.6155
sp O14668 TMG1_HUMAN	110.53403	NaN	11534.227
sp P07477 TRY1_HUMAN	3444.7852	632.0054	1506.8656
sp Q9BRX8 PXL2A_HUMAN	2320.137	NaN	7649.5103
sp P07602 SAP_HUMAN	13832.054	5336.879	15235.477
sp Q9NYI0 PSD3_HUMAN	567.6014	NaN	139.69128
sp P49768 PSN1_HUMAN	3940.9717	NaN	3767.5156
sp Q9NZ42 PEN2_HUMAN	835.4646	NaN	3478.1196
sp P25786 PSA1_HUMAN	7334.0386	369.13843	1694.7878
sp P25787 PSA2_HUMAN	7354.598	NaN	40815.78
sp P25788 PSA3_HUMAN	6521.2637	237.40991	34337.797
sp P25789 PSA4_HUMAN	6719.7505	NaN	17938.85
sp P28066 PSA5_HUMAN	6366.8154	NaN	1281.7264
sp P60900 PSA6_HUMAN	9608.665	345.93692	11519.172
sp O14818 PSA7_HUMAN	11223.208	912.16486	915.7368
sp P20618 PSB1_HUMAN	7483.279	NaN	1512.1481
sp P49721 PSB2_HUMAN	10477.686	NaN	1797.7166
sp P49720 PSB3_HUMAN	8269.948	NaN	642.1042

sp P28070 PSB4_HUMAN	8771.118	856.34216	7353.5166
sp P28074 PSB5_HUMAN	5749.557	NaN	16912.01
sp P28072 PSB6_HUMAN	4839.056	NaN	NaN
sp Q99436 PSB7_HUMAN	1937.06	NaN	NaN
sp P28062 PSB8_HUMAN	1926.929	NaN	NaN
sp P28065 PSB9_HUMAN	226.92973	NaN	2856.187
sp P62191 PRS4_HUMAN	10578.498	NaN	5155.867
sp P35998 PRS7_HUMAN	16062.956	NaN	894.22754
sp P17980 PRS6A_HUMAN	10257.93	332.06393	7371.4907
sp P43686 PRS6B_HUMAN	10332.63	393.66458	23051.602
sp P62195 PRS8_HUMAN	8993.958	107.845955	10026.208
sp P62333 PRS10_HUMAN	6270.952	NaN	1158.5726
sp Q99460 PSMD1_HUMAN	9476.047	NaN	2115.4912
sp O75832 PSD10_HUMAN	2033.9841	NaN	5497.6235
sp O00231 PSD11_HUMAN	9242.186	NaN	1290.0359
sp O00232 PSD12_HUMAN	11638.888	280.3556	13054.225
sp Q9UNM6 PSD13_HUMAN	9296.7295	291.21417	25427.264
sp O00487 PSDE_HUMAN	7168.768	NaN	5758.9536
sp Q13200 PSMD2_HUMAN	12539.635	159.78864	1059.2395
sp O43242 PSMD3_HUMAN	9754.092	NaN	2592.9202
sp P55036 PSMD4_HUMAN	7256.133	NaN	NaN
sp Q16401 PSMD5_HUMAN	4874.438	NaN	NaN
sp Q15008 PSMD6_HUMAN	11482.023	NaN	NaN
sp P51665 PSMD7_HUMAN	6399.6084	NaN	4571.9043
sp P48556 PSMD8_HUMAN	3349.1086	NaN	10508.887
sp O00233 PSMD9_HUMAN	1474.0391	NaN	5161.2573
sp Q06323 PSME1_HUMAN	8875.082	352.5288	3847.3215
sp Q9UL46 PSME2_HUMAN	2791.1306	356.38898	260.5541
sp P61289 PSME3_HUMAN	330.9218	NaN	7514.5234
sp Q92530 PSMF1_HUMAN	3266.081	NaN	30968.953
sp O95456 PSMG1_HUMAN	134.72348	NaN	NaN
sp P26599 PTBP1_HUMAN	6295.95	NaN	NaN
sp O95758 PTBP3_HUMAN	539.7247	NaN	1058.553

sp Q96EY7 PTCD3_HUMAN	226.17256	NaN	1629.2313
sp P48651 PTSS1_HUMAN	1931.667	NaN	NaN
sp Q9BVG9 PTSS2_HUMAN	850.35095	NaN	NaN
sp P60484 PTEN_HUMAN	634.38824	NaN	3207.7417
sp O14684 PTGES_HUMAN	22049.975	314.59512	532.5813
sp Q9H7Z7 PGES2_HUMAN	847.9713	NaN	12621.843
sp Q15185 TEBP_HUMAN	9755.8545	624.1104	2149.9119
sp Q14914 PTGR1_HUMAN	4633.047	725.54846	2194.6125
sp P23219 PGH1_HUMAN	6019.235	519.3402	723.2398
sp P35354 PGH2_HUMAN	5754.3833	NaN	384.16928
sp Q13308 PTK7_HUMAN	6961.9414	NaN	4504.2373
sp P06454 PTMA_HUMAN	6123.9087	450.96906	1353.7605
sp P20962 PTMS_HUMAN	680.6328	214.21231	5851.3687
sp P21246 PTN_HUMAN	404.85568	NaN	400.20026
sp Q12974 TP4A2_HUMAN	1006.5658	NaN	4368.738
sp Q8WUK0 PTPM1_HUMAN	293.42538	NaN	8669.873
sp P18031 PTN1_HUMAN	3368.166	NaN	1328.0815
sp Q06124 PTN11_HUMAN	3052.348	NaN	10819.744
sp Q05209 PTN12_HUMAN	427.73645	NaN	17924.82
sp P43378 PTN9_HUMAN	236.84816	NaN	7212.605
sp P18433 PTPRA_HUMAN	1476.0076	NaN	5717.457
sp P23468 PTPRD_HUMAN	4218.364	NaN	7630.7705
sp P10586 PTPRF_HUMAN	1251.7568	166.73006	13793.02
sp Q12913 PTPRJ_HUMAN	754.4199	NaN	4227.0195
sp Q15262 PTPRK_HUMAN	7074.0303	NaN	NaN
sp P28827 PTPRM_HUMAN	3464.088	NaN	NaN
sp Q13332 PTPRS_HUMAN	530.05493	NaN	2673.2827
sp Q9Y3E5 PTH2_HUMAN	2640.5747	NaN	4180.786
sp P53801 PTTG_HUMAN	4397.009	1488.0052	1284.9064
sp Q96QR8 PURB_HUMAN	194.01643	NaN	12419.083
sp P15151 PVR_HUMAN	3156.107	NaN	3059.9417
sp Q5TGL8 PXDC1_HUMAN	274.75925	NaN	1326.7375
sp Q92626 PXDN_HUMAN	2242.28	NaN	16389.553

sp P49023 PAXI_HUMAN	299.77783	NaN	NaN
sp Q9ULZ3 ASC_HUMAN	846.0512	NaN	NaN
sp P32322 P5CR1_HUMAN	135.56212	NaN	1778.9001
sp Q96C36 P5CR2_HUMAN	1319.7041	NaN	11328.674
sp Q53H96 P5CR3_HUMAN	861.311	NaN	3695.0876
sp P11216 PYGB_HUMAN	4363.6914	NaN	589.62915
sp P06737 PYGL_HUMAN	4132.0596	NaN	3023.9097
sp P11217 PYGM_HUMAN	888.93823	NaN	30804.47
sp P20742 PZP_HUMAN	19992.295	1547.9641	7471.202
sp P47897 SYQ_HUMAN	3602.8306	78.52638	569.93463
sp P09417 DHPR_HUMAN	2573.7097	NaN	1234.8442
sp Q6ZRP7 QSOX2_HUMAN	5905.2915	NaN	7371.72
sp P61026 RAB10_HUMAN	16116.546	891.815	4611.8877
sp Q15907 RB11B_HUMAN	19160.2	2072.4739	9016.119
sp Q9BXF6 RFIP5_HUMAN	713.4169	NaN	27981.822
sp Q6IQ22 RAB12_HUMAN	1630.8975	NaN	5054.048
sp P51153 RAB13_HUMAN	3946.6099	1115.1572	1066.033
sp P61106 RAB14_HUMAN	16211.289	904.95276	6965.747
sp Q9NP72 RAB18_HUMAN	14887.107	679.9917	15223.835
sp A4D1S5 RAB19_HUMAN	0	NaN	18988.979
sp P62820 RAB1A_HUMAN	10597.16	1420.736	2975.3276
sp Q9H0U4 RAB1B_HUMAN	22104.953	2655.098	8166.8276
sp Q9UL25 RAB21_HUMAN	14417.1455	496.43652	19652.73
sp Q9UL26 RB22A_HUMAN	800.9635	NaN	1597.7604
sp Q9ULC3 RAB23_HUMAN	6704.428	NaN	NaN
sp Q969Q5 RAB24_HUMAN	2257.7937	NaN	NaN
sp P51159 RB27A_HUMAN	5502.814	NaN	11041.83
sp O00194 RB27B_HUMAN	9084.314	NaN	13473.725
sp O14966 RAB7L_HUMAN	1164.0781	NaN	728.95886
sp P61019 RAB2A_HUMAN	22093.906	718.766	498.9684
sp Q8WUD1 RAB2B_HUMAN	1380.8127	NaN	4229.3755
sp Q15771 RAB30_HUMAN	912.3308	NaN	15458.281
sp Q13636 RAB31_HUMAN	11422.002	NaN	2536.5674

sp Q13637 RAB32_HUMAN	12003.037	NaN	3801.1885
sp Q9BZG1 RAB34_HUMAN	6095.9067	NaN	2137.7214
sp P0DI83 NARR_HUMAN	768.21545	NaN	19901.37
sp Q15286 RAB35_HUMAN	5624.3364	118.34467	16992.512
sp P20337 RAB3B_HUMAN	2928.2651	418.05582	14221.508
sp O95716 RAB3D_HUMAN	1183.5631	NaN	6188.8374
sp Q15042 RB3GP_HUMAN	655.4699	NaN	NaN
sp Q9H2M9 RBGPR_HUMAN	2277.3845	NaN	NaN
sp Q86YS6 RAB43_HUMAN	1202.888	NaN	2245.858
sp P20338 RAB4A_HUMAN	549.8299	NaN	1192.0348
sp P20339 RAB5A_HUMAN	22101.29	1284.4973	1843.1451
sp P61020 RAB5B_HUMAN	10229.937	NaN	2861.4238
sp P51148 RAB5C_HUMAN	15217.383	1560.6705	10391.767
sp P20340 RAB6A_HUMAN	5999.525	1269.4329	10322.078
sp Q9H0N0 RAB6C_HUMAN	1678.6416	NaN	1645.8677
sp P51149 RAB7A_HUMAN	56600.973	5688.155	654.2012
sp P61006 RAB8A_HUMAN	6236.3037	NaN	250.3522
sp Q92930 RAB8B_HUMAN	1457.5054	NaN	NaN
sp P51151 RAB9A_HUMAN	3161.5703	NaN	NaN
sp Q9UI14 PRAF1_HUMAN	1934.0271	NaN	NaN
sp Q15276 RABE1_HUMAN	729.26044	NaN	NaN
sp Q9H5N1 RABE2_HUMAN	1183.6417	NaN	NaN
sp Q9Y3P9 RBGP1_HUMAN	2610.0486	NaN	1442.555
sp Q92696 PGTA_HUMAN	392.87515	NaN	2424.4045
sp P47224 MSS4_HUMAN	338.17877	NaN	13421.282
sp P63000 RAC1_HUMAN	22461.139	1992.2498	9918.837
sp P63244 RACK1_HUMAN	24047.85	942.5502	8792.63
sp P54725 RD23A_HUMAN	684.50055	NaN	212.17326
sp P54727 RD23B_HUMAN	4761.0586	NaN	4914.587
sp Q92878 RAD50_HUMAN	199.86935	NaN	4956.6206
sp Q9P0K7 RAI14_HUMAN	5372.9136	NaN	4656.0244
sp P11233 RALA_HUMAN	6685.9204	157.15184	5253.683
sp P11234 RALB_HUMAN	5534.5293	114.67763	1618.7756

sp Q86X27 RGPS2_HUMAN	761.6301	NaN	5513.5117
sp Q9UKM9 RALY_HUMAN	971.4602	NaN	7774.0244
sp P62826 RAN_HUMAN	19006.297	1561.5972	1265.9963
sp P43487 RANG_HUMAN	2119.63	NaN	NaN
sp P49792 RBP2_HUMAN	2419.2922	NaN	NaN
sp O60518 RNBP6_HUMAN	1128.2406	NaN	3586.7764
sp P46060 RAGP1_HUMAN	10110.496	NaN	2620.1267
sp P62834 RAP1A_HUMAN	6229.856	NaN	8367.654
sp P61224 RAP1B_HUMAN	19099.93	2256.5698	25521.504
sp P52306 GDS1_HUMAN	6649.584	NaN	5777.556
sp P10114 RAP2A_HUMAN	302.11682	NaN	NaN
sp P61225 RAP2B_HUMAN	3661.5557	NaN	NaN
sp Q9Y3L5 RAP2C_HUMAN	1750.457	NaN	NaN
sp Q99969 RARR2_HUMAN	0	NaN	NaN
sp P54136 SYRC_HUMAN	9371.172	NaN	NaN
sp P20936 RASA1_HUMAN	2805.8293	NaN	11053.266
sp Q14644 RASA3_HUMAN	663.9779	NaN	863.6577
sp Q09028 RBBP4_HUMAN	4750.9404	NaN	4263.881
sp Q9NTZ6 RBM12_HUMAN	3915.5051	310.13467	5278.249
sp Q96PK6 RBM14_HUMAN	1214.3531	NaN	1144.5822
sp P49756 RBM25_HUMAN	701.28284	NaN	9630.642
sp P29558 RBMS1_HUMAN	726.2487	NaN	NaN
sp P38159 RBMX_HUMAN	1379.1832	NaN	NaN
sp P09455 RET1_HUMAN	4556.0654	NaN	3294.383
sp P02753 RET4_HUMAN	12778.551	4117.3877	7555.873
sp P62877 RBX1_HUMAN	1287.8188	NaN	1767.7821
sp Q15293 RCN1_HUMAN	16821.63	9695.657	3685.4617
sp Q14257 RCN2_HUMAN	7840.612	NaN	6890.74
sp Q96D15 RCN3_HUMAN	9629.7	1641.3103	6826.833
sp Q8IZV5 RDH10_HUMAN	3759.2236	NaN	3430.7644
sp Q8TC12 RDH11_HUMAN	5757.581	61.6589	4996.619
sp Q9HBH5 RDH14_HUMAN	697.2698	NaN	6266.8447
sp P35241 RADI_HUMAN	18006.215	540.9657	1202.2422

sp O95980 RECK_HUMAN	2717.749	NaN	485.8197
sp P46063 RECQ1_HUMAN	4383.3184	NaN	9605.497
sp Q00765 REEP5_HUMAN	4263.2144	387.91977	24306.049
sp Q04206 TF65_HUMAN	3394.2803	NaN	26986.855
sp Q9P260 RELCH_HUMAN	639.79626	NaN	16188.517
sp Q8IUW5 RELL1_HUMAN	255.16064	NaN	NaN
sp O15258 RER1_HUMAN	9312.187	NaN	NaN
sp Q8NC44 RETR2_HUMAN	622.8218	NaN	NaN
sp Q86VR2 RETR3_HUMAN	3015.2217	NaN	NaN
sp Q6NUM9 RETST_HUMAN	4697.0786	NaN	NaN
sp Q9Y3B8 ORN_HUMAN	1438.5001	NaN	3018.234
sp P35250 RFC2_HUMAN	158.17429	NaN	6203.2314
sp P40938 RFC3_HUMAN	105.27614	NaN	3940.5164
sp P40937 RFC5_HUMAN	574.7096	NaN	7928.8687
sp Q96AA3 RFT1_HUMAN	476.73126	NaN	NaN
sp Q14699 RFTN1_HUMAN	7226.8027	NaN	NaN
sp Q15493 RGN_HUMAN	2250.2458	NaN	NaN
sp Q6NTF9 RHBD2_HUMAN	258.3585	NaN	NaN
sp Q15382 RHEB_HUMAN	6268.991	NaN	NaN
sp P61586 RHOA_HUMAN	6156.255	487.97244	7880.0493
sp P62745 RHOB_HUMAN	1476.2552	NaN	4200.883
sp P08134 RHOC_HUMAN	21473.8	1385.5232	10772.816
sp P84095 RHOG_HUMAN	9145.751	NaN	8018.8433
sp Q8IXI1 MIRO2_HUMAN	3007.919	NaN	NaN
sp Q9NPQ8 RIC8A_HUMAN	2813.2646	NaN	NaN
sp Q6R327 RICTR_HUMAN	498.8261	NaN	NaN
sp Q13671 RIN1_HUMAN	529.3089	NaN	NaN
sp Q6NUQ1 RINT1_HUMAN	1077.5345	NaN	NaN
sp Q6ZS17 RIPR1_HUMAN	3308.9482	NaN	NaN
sp Q96TC7 RMD3_HUMAN	376.40256	NaN	NaN
sp P34096 RNAS4_HUMAN	449.7221	NaN	NaN
sp P61587 RND3_HUMAN	3414.3286	NaN	NaN
sp Q9Y508 RN114_HUMAN	421.46448	NaN	15727.4795

sp Q9H920 RN121_HUMAN	768.36145	NaN	NaN
sp Q8NC42 RN149_HUMAN	2281.3267	NaN	NaN
sp Q9ULK6 RN150_HUMAN	1618.8075	NaN	NaN
sp Q96K19 RN170_HUMAN	250.89047	NaN	NaN
sp Q63HN8 RN213_HUMAN	7224.3906	NaN	NaN
sp Q9Y225 RNF24_HUMAN	239.72018	NaN	5383.6943
sp P13489 RINI_HUMAN	12223.969	1943.6575	1466.6243
sp Q9H4A4 AMPB_HUMAN	5632.802	NaN	5937.29
sp Q15287 RNPS1_HUMAN	485.7656	NaN	10079.657
sp P10155 RO60_HUMAN	1274.9913	NaN	7290.3335
sp Q9Y6N7 ROBO1_HUMAN	401.77948	NaN	10056.926
sp O75116 ROCK2_HUMAN	2247.9504	NaN	5498.079
sp P60602 ROMO1_HUMAN	747.0316	NaN	9408.245
sp O75695 XRP2_HUMAN	3908.8462	159.52766	208.20468
sp P27635 RL10_HUMAN	17044.857	526.76935	2131.8042
sp P62906 RL10A_HUMAN	14430.519	NaN	1518.8401
sp P62913 RL11_HUMAN	17156.885	712.7408	16602.527
sp P30050 RL12_HUMAN	17484.605	688.56836	2811.2314
sp P26373 RL13_HUMAN	10323.811	450.3937	23499.88
sp P40429 RL13A_HUMAN	10474.187	NaN	3497.6138
sp P50914 RL14_HUMAN	19621.744	752.2949	4680.8374
sp P61313 RL15_HUMAN	13307.527	NaN	709.6682
sp P18621 RL17_HUMAN	15830.762	832.5184	2813.4128
sp Q07020 RL18_HUMAN	14818.29	1404.1779	800.1678
sp Q02543 RL18A_HUMAN	11956.807	1644.2764	12522.737
sp P84098 RL19_HUMAN	7040.9355	NaN	5400.2417
sp P46778 RL21_HUMAN	9705.754	NaN	9542.551
sp P35268 RL22_HUMAN	13014.418	1998.0135	4485.5054
sp Q6P5R6 RL22L_HUMAN	0	NaN	6630.504
sp P62829 RL23_HUMAN	21614.766	1400.0175	6987.5894
sp P62750 RL23A_HUMAN	9866.355	1013.4169	5356.172
sp P83731 RL24_HUMAN	6677.956	NaN	1753.3086
sp P61254 RL26_HUMAN	26262.678	NaN	400.8034

sp P61353 RL27_HUMAN	18995.516	NaN	7218.017
sp P46776 RL27A_HUMAN	9692.514	1941.3374	21247.154
sp P46779 RL28_HUMAN	18036.146	179.53156	9046.972
sp P47914 RL29_HUMAN	918.8819	NaN	685.6671
sp P39023 RL3_HUMAN	10562.172	600.9176	1531.6525
sp P62888 RL30_HUMAN	21152.684	1372.116	9250.227
sp P62899 RL31_HUMAN	9095.22	NaN	1884.1816
sp P62910 RL32_HUMAN	17672.047	399.30682	4793.895
sp P49207 RL34_HUMAN	3728.3154	NaN	6996.441
sp P42766 RL35_HUMAN	3961.8545	NaN	3537.6787
sp P18077 RL35A_HUMAN	3012.4438	NaN	3024.5142
sp Q9Y3U8 RL36_HUMAN	3961.417	NaN	3482.4834
sp P83881 RL36A_HUMAN	761.41534	NaN	2766.723
sp P61513 RL37A_HUMAN	3176.719	NaN	19276.346
sp P63173 RL38_HUMAN	4750.8	NaN	7613.8984
sp P36578 RL4_HUMAN	17827.936	588.13513	6308.2275
sp P46777 RL5_HUMAN	18749.828	215.04025	1298.1213
sp Q02878 RL6_HUMAN	16040.242	309.60614	3926.1973
sp P18124 RL7_HUMAN	14264.387	174.71678	297.55426
sp P62424 RL7A_HUMAN	24369.268	1108.5166	11438.609
sp P62917 RL8_HUMAN	4298.1265	189.59044	12521.012
sp P32969 RL9_HUMAN	18649.955	821.55005	2051.2988
sp P05388 RLA0_HUMAN	12255.995	2109.2996	2012.8228
sp P05386 RLA1_HUMAN	45223.027	NaN	793.1139
sp P05387 RLA2_HUMAN	17665.55	1112.2051	10555.59
sp P04843 RPN1_HUMAN	24099.615	5577.271	3217.8403
sp P04844 RPN2_HUMAN	20345.49	2816.5984	2296.2144
sp O95059 RPP14_HUMAN	0	NaN	1476.8862
sp Q9NQG5 RPR1B_HUMAN	162.77582	NaN	4077.6462
sp P46783 RS10_HUMAN	11013.222	NaN	1529.6799
sp P62280 RS11_HUMAN	12478.986	244.52673	3823.587
sp P25398 RS12_HUMAN	16235.6	108.5557	470.02527
sp P62277 RS13_HUMAN	13864.268	329.53467	5101.243

sp P62263 RS14_HUMAN	14861.179	887.41406	1066.5015
sp P62841 RS15_HUMAN	4028.9094	NaN	788.66455
sp P62244 RS15A_HUMAN	7636.3145	433.32855	8911.137
sp P62249 RS16_HUMAN	6499.2944	355.04935	3057.0583
sp P08708 RS17_HUMAN	8717.409	1013.68835	9816.196
sp P62269 RS18_HUMAN	15150.615	1128.4252	2904.0532
sp P39019 RS19_HUMAN	8354.995	276.72525	5016.9272
sp P15880 RS2_HUMAN	16880.475	605.22504	6742.357
sp P60866 RS20_HUMAN	11641.926	816.94147	9968.761
sp P63220 RS21_HUMAN	3988.5317	600.9195	13243.779
sp P62266 RS23_HUMAN	5326.603	181.84991	1507.562
sp P62847 RS24_HUMAN	10589.278	NaN	9084.182
sp P62851 RS25_HUMAN	9435.524	440.14612	2454.2808
sp P62854 RS26_HUMAN	5223.144	172.98994	2476.832
sp P42677 RS27_HUMAN	1905.041	279.1067	2607.2512
sp P62979 RS27A_HUMAN	43828.91	4839.8984	448.06516
sp Q71UM5 RS27L_HUMAN	5650.2944	NaN	8618.809
sp P62857 RS28_HUMAN	2296.4292	NaN	9511.137
sp P23396 RS3_HUMAN	23738.09	1959.2283	979.854
sp P61247 RS3A_HUMAN	25754.574	3967.7231	2462.3276
sp P62701 RS4X_HUMAN	39482.03	1729.2206	825.08636
sp P22090 RS4Y1_HUMAN	2379.0737	NaN	1724.158
sp P46782 RS5_HUMAN	12589.425	1515.9664	5546.6855
sp P62753 RS6_HUMAN	14753.955	1599.6377	3973.2188
sp P51812 KS6A3_HUMAN	1283.4279	NaN	2923.0002
sp P62081 RS7_HUMAN	6281.001	148.72002	3039.2993
sp P62241 RS8_HUMAN	34649.586	957.05505	1722.3994
sp P46781 RS9_HUMAN	23197.81	NaN	6681.791
sp P08865 RSSA_HUMAN	22404.088	1652.3284	2909.6003
sp Q7L523 RRAGA_HUMAN	6067.823	NaN	1820.8569
sp Q9HB90 RRAGC_HUMAN	6298.175	467.32526	4091.9373
sp P10301 RRAS_HUMAN	13067.908	294.70657	2845.5847
sp P62070 RRAS2_HUMAN	6514.671	NaN	3936.3892

sp Q9P2E9 RRBP1_HUMAN	3181.4504	694.7683	16472.523
sp P23921 RIR1_HUMAN	4152.1094	NaN	7716.1323
sp O76021 RL1D1_HUMAN	2088.945	NaN	976.68066
sp Q15404 RSU1_HUMAN	369.8567	NaN	629.49084
sp O00442 RTCA_HUMAN	176.10089	NaN	1030.5781
sp Q9Y3I0 RTCB_HUMAN	5755.9644	NaN	4415.089
sp O95197 RTN3_HUMAN	11535.694	440.0377	1325.446
sp Q9NQC3 RTN4_HUMAN	20719.121	4547.0527	7306.212
sp Q9Y224 RTRAF_HUMAN	6116.193	NaN	2732.7095
sp Q96T51 RUFY1_HUMAN	15810.126	NaN	588.7617
sp Q96GQ5 RUSF1_HUMAN	362.89655	NaN	5425.1978
sp Q9Y265 RUVB1_HUMAN	9992.995	NaN	12043.266
sp Q9Y230 RUVB2_HUMAN	16099.948	NaN	18185.78
sp P60903 S10AA_HUMAN	92282.86	1102.7336	4250.354
sp P31949 S10AB_HUMAN	27013.111	4593.724	9154.502
sp Q99584 S10AD_HUMAN	4198.966	780.01086	8623.509
sp Q96FQ6 S10AG_HUMAN	3704.8345	125.24179	5128.5674
sp P26447 S10A4_HUMAN	3636.7507	NaN	746.0115
sp P06703 S10A6_HUMAN	12193.824	6515.6704	1950.6847
sp P05109 S10A8_HUMAN	NaN	511.0276	7418.5923
sp Q99500 S1PR3_HUMAN	322.98312	NaN	6211.109
sp P0DJ18 SAA1_HUMAN	464.9658	NaN	641.78534
sp Q9NTJ5 SAC1_HUMAN	4968.3877	26179.436	5988.97
sp Q9UBE0 SAE1_HUMAN	841.4461	NaN	3158.26
sp Q15424 SAFB1_HUMAN	0	NaN	777.5514
sp Q9Y3Z3 SAMH1_HUMAN	456.66055	NaN	3980.855
sp Q9Y512 SAM50_HUMAN	5416.3237	NaN	4602.38
sp Q9NR31 SAR1A_HUMAN	6953.4688	266.06992	4546.19
sp Q9Y6B6 SAR1B_HUMAN	10225.054	NaN	394.9916
sp P49591 SYSC_HUMAN	3869.29	NaN	1354.0592
sp Q9Y3A5 SBDS_HUMAN	3599.896	NaN	3416.6943
sp O95248 MTMR5_HUMAN	691.08673	NaN	1647.0948
sp O15126 SCAM1_HUMAN	3529.7036	NaN	6887.6157

sp O15127 SCAM2_HUMAN	2790.9016	NaN	15961.094
sp O14828 SCAM3_HUMAN	11099.589	404.98727	8057.8623
sp Q969E2 SCAM4_HUMAN	1711.6323	NaN	1896.3296
sp Q6AZY7 SCAR3_HUMAN	2508.039	NaN	2817.3865
sp Q8WTV0 SCRB1_HUMAN	2606.0784	NaN	4513.504
sp Q14108 SCRB2_HUMAN	20680.168	2662.512	9310.329
sp Q8NBX0 SCPD_L_HUMAN	4250.4746	NaN	4475.1445
sp O00767 SCD_HUMAN	1225.4475	NaN	27267.844
sp Q8WVM8 SCFD1_HUMAN	2782.106	NaN	3961.3096
sp Q8WU76 SCFD2_HUMAN	2204.026	NaN	5212.0186
sp P22307 SCP2_HUMAN	6875.14	340.04123	657.3514
sp Q9HB40 RISC_HUMAN	509.2613	NaN	11377.579
sp Q14160 SCRIB_HUMAN	1151.4275	NaN	21722.896
sp Q12765 SCRN1_HUMAN	3876.6274	NaN	3635.146
sp Q96KG9 SCYL1_HUMAN	1266.3711	NaN	4538.438
sp P18827 SDC1_HUMAN	2099.2837	NaN	3292.1455
sp P34741 SDC2_HUMAN	1314.2312	NaN	1249.7295
sp P31431 SDC4_HUMAN	11066.62	NaN	1761.4597
sp O00560 SDCB1_HUMAN	31463.28	2208.717	182.56757
sp Q99470 SDF2_HUMAN	982.2352	NaN	2793.4321
sp Q9HCN8 SDF2L_HUMAN	513.147	NaN	4452.4067
sp Q9BRK5 CAB45_HUMAN	4267.3804	NaN	1246.6132
sp P31040 SDHA_HUMAN	19038.402	NaN	1970.8069
sp P21912 SDHB_HUMAN	4409.575	232.26935	335.94034
sp Q99643 C560_HUMAN	1463.2428	NaN	5323.315
sp P67812 SC11A_HUMAN	4742.1084	NaN	3691.1143
sp P55735 SEC13_HUMAN	9612.713	NaN	27804.924
sp O75396 SC22B_HUMAN	7600.6353	2359.2188	2929.9111
sp Q15436 SC23A_HUMAN	6988.2	NaN	1252.6501
sp P53992 SC24C_HUMAN	3032.7708	NaN	30428.11
sp O94855 SC24D_HUMAN	1215.4026	NaN	5567.2827
sp O94979 SC31A_HUMAN	6153.3867	NaN	22552.062
sp P61619 S61A1_HUMAN	10646.745	4780.7275	2622.1057

sp P60468 SC61B_HUMAN	4066.869	767.5973	6536.3213
sp P60059 SC61G_HUMAN	6170.945	811.4313	10193.177
sp Q99442 SEC62_HUMAN	3685.0142	NaN	364.05875
sp Q9UGP8 SEC63_HUMAN	4613.634	NaN	2024.3207
sp Q96EE3 SEH1_HUMAN	1021.87103	NaN	NaN
sp Q9UBV2 SE1L1_HUMAN	3387.833	NaN	NaN
sp Q13228 SBP1_HUMAN	2806.7402	NaN	NaN
sp O60613 SEP15_HUMAN	1737.4895	NaN	NaN
sp Q8WWX9 SELM_HUMAN	1553.0715	NaN	NaN
sp P62341 SELT_HUMAN	712.3257	NaN	NaN
sp Q99985 SEM3C_HUMAN	423.76743	NaN	NaN
sp Q9P0V9 SEP10_HUMAN	779.01227	NaN	NaN
sp Q9NVA2 SEP11_HUMAN	10131.884	NaN	NaN
sp Q15019 SEPT2_HUMAN	11523.61	NaN	5149.457
sp Q16181 SEPT7_HUMAN	11503.363	NaN	10145.952
sp Q92599 SEPT8_HUMAN	466.85333	NaN	442.3087
sp Q9UHD8 SEPT9_HUMAN	9278.485	NaN	765.9421
sp Q8NC51 PAIRB_HUMAN	4230.603	NaN	10657.162
sp Q9NRX5 SERC1_HUMAN	9583.917	224.86775	5283.825
sp Q96SA4 SERC2_HUMAN	2433.3809	NaN	45645.504
sp Q13530 SERC3_HUMAN	5180.532	NaN	4367.527
sp Q86VE9 SERC5_HUMAN	811.4796	NaN	3951.4866
sp P01009 A1AT_HUMAN	1276.546	1269.2947	440.7256
sp P01011 AACT_HUMAN	8094.7085	6380.468	3940.811
sp P08185 CBG_HUMAN	766.2172	NaN	1627.8778
sp P05543 THBG_HUMAN	2515.5635	1093.9943	779.935
sp P30740 ILEU_HUMAN	4877.8076	NaN	5713.616
sp P35237 SPB6_HUMAN	5510.3506	NaN	9355.37
sp P50452 SPB8_HUMAN	51237.406	NaN	60091.36
sp P01008 ANT3_HUMAN	22915.89	6219.327	4840.024
sp P05546 HEP2_HUMAN	1930.9097	NaN	1389.5073
sp P05121 PAI1_HUMAN	3363.0806	NaN	3051.4346
sp P07093 GDN_HUMAN	6303.907	232.59033	6113.9243

sp P36955 PEDF_HUMAN	6540.9585	3166.185	6751.8994
sp P08697 A2AP_HUMAN	7460.638	8387.982	4086.4282
sp P05155 IC1_HUMAN	3183.2117	367.76102	6690.0806
sp P50454 SERPH_HUMAN	33540.9	4625.9307	3512.5046
sp Q01105 SET_HUMAN	3380.172	292.93427	1591.2145
sp Q12874 SF3A3_HUMAN	421.2974	NaN	860.02985
sp O75533 SF3B1_HUMAN	2142.1377	NaN	2835.1914
sp Q13435 SF3B2_HUMAN	435.60132	NaN	4424.5034
sp Q15393 SF3B3_HUMAN	7480.8306	NaN	1338.4645
sp Q9BWJ5 SF3B5_HUMAN	208.22314	NaN	916.1727
sp Q9Y3B4 SF3B6_HUMAN	2222.307	NaN	2553.9333
sp P23246 SFPQ_HUMAN	5146.2227	301.87482	2658.5386
sp Q8N474 SFRP1_HUMAN	1861.0431	NaN	5026.171
sp O95562 SFT2B_HUMAN	650.9216	NaN	9103.326
sp Q9H9B4 SFXN1_HUMAN	7211.7515	184.65442	1312.6871
sp Q9BWM7 SFXN3_HUMAN	6581.7124	308.65338	532.14923
sp Q16585 SGCB_HUMAN	2288.5286	NaN	934.9974
sp Q92629 SGCD_HUMAN	6027.925	NaN	5279.258
sp O43556 SGCE_HUMAN	1699.2794	NaN	3433.1792
sp O43765 SGTA_HUMAN	1605.962	NaN	4008.3684
sp O75368 SH3L1_HUMAN	3412.518	NaN	8877.887
sp Q9H299 SH3L3_HUMAN	7362.0947	400.41452	2083.4373
sp Q9P0V3 SH3B4_HUMAN	5411.9907	NaN	246.86652
sp Q99961 SH3G1_HUMAN	3265.6572	NaN	8387.112
sp Q9Y371 SHLB1_HUMAN	1758.7454	NaN	14001.281
sp A1X283 SPD2B_HUMAN	2562.4634	NaN	NaN
sp P04278 SHBG_HUMAN	812.8499	NaN	NaN
sp P29353 SHC1_HUMAN	948.5264	NaN	NaN
sp P34897 GLYM_HUMAN	7203.198	NaN	NaN
sp Q8NBJ9 SIDT2_HUMAN	634.9611	NaN	NaN
sp Q99720 SGMR1_HUMAN	1523.3073	NaN	NaN
sp Q9H173 SIL1_HUMAN	2805.805	NaN	NaN
sp Q8IXJ6 SIR2_HUMAN	307.239	NaN	NaN

sp Q15477 SKIV2_HUMAN	2581.372	NaN	NaN
sp P63208 SKP1_HUMAN	4569.024	NaN	3494.658
sp Q9P270 SLAI2_HUMAN	392.44043	NaN	3983.2034
sp P49281 NRAM2_HUMAN	3058.1113	NaN	391.5482
sp P55011 S12A2_HUMAN	1017.0375	NaN	1636.9115
sp Q9UP95 S12A4_HUMAN	9107.341	1171.665	7509.0684
sp Q9UHW9 S12A6_HUMAN	558.8923	NaN	576.29285
sp Q9Y666 S12A7_HUMAN	6843.2217	NaN	252.37845
sp Q9BXP2 S12A9_HUMAN	2204.3506	NaN	3232.7842
sp Q13336 UT1_HUMAN	176.8373	NaN	2001.0332
sp Q8N697 S15A4_HUMAN	328.17346	NaN	2252.6533
sp P53985 MOT1_HUMAN	4990.5327	NaN	11126.196
sp P36021 MOT8_HUMAN	3195.7385	NaN	3772.4224
sp O15427 MOT4_HUMAN	22345.486	906.3778	1325.765
sp O15403 MOT7_HUMAN	1650.993	NaN	2336.9812
sp Q9NRA2 S17A5_HUMAN	1836.7666	NaN	2682.7402
sp P43003 EAA1_HUMAN	1461.4644	NaN	2324.2466
sp P43007 SATT_HUMAN	2964.4792	NaN	5916.86
sp Q15758 AAAT_HUMAN	11720.081	1519.0446	1752.8953
sp Q08357 S20A2_HUMAN	2880.462	NaN	7069.8076
sp Q9UGH3 S23A2_HUMAN	7621.3345	NaN	7090.863
sp P53007 TXTP_HUMAN	5483.147	NaN	5510.6333
sp Q9UBX3 DIC_HUMAN	1185.3826	NaN	1431.4413
sp Q02978 M2OM_HUMAN	5615.9985	NaN	5296.291
sp O75746 S2512_HUMAN	3608.891	NaN	1393.2396
sp Q9UJS0 S2513_HUMAN	3340.6704	NaN	2754.0667
sp Q9H936 GHC1_HUMAN	782.41125	NaN	14861.201
sp Q6NUK1 SCMC1_HUMAN	8026.871	NaN	6675.282
sp Q00325 MPCP_HUMAN	18619.844	2651.9922	5143.525
sp P12235 ADT1_HUMAN	4276.8184	NaN	8553.459
sp P05141 ADT2_HUMAN	10861.583	NaN	665.68933
sp P12236 ADT3_HUMAN	24970.6	3370.8901	2323.2039
sp Q86WA9 S2611_HUMAN	673.15186	NaN	13964.639

sp P50443 S26A2_HUMAN	1740.3625	1124.3402	5493.993
sp Q6P1M0 S27A4_HUMAN	6370.594	NaN	5510.138
sp Q99808 S29A1_HUMAN	562.33856	NaN	1447.5725
sp P11166 GTR1_HUMAN	18050.031	548.1961	11143.561
sp O95528 GTR10_HUMAN	1986.4132	NaN	13458.224
sp P11169 GTR3_HUMAN	1263.5067	NaN	524.00433
sp Q9UGQ3 GTR6_HUMAN	1751.0219	NaN	13412.041
sp Q9Y6M5 ZNT1_HUMAN	4271.3794	NaN	3081.2483
sp Q6NXT4 ZNT6_HUMAN	771.6015	NaN	1081.5894
sp Q8NEW0 ZNT7_HUMAN	5889.1562	NaN	1398.4801
sp O15431 COPT1_HUMAN	535.41534	NaN	588.19684
sp O00400 ACATN_HUMAN	1321.9915	NaN	2323.3464
sp P78381 S35A2_HUMAN	461.99368	NaN	3814.1138
sp P78383 S35B1_HUMAN	722.24774	NaN	4727.829
sp Q8TB61 S35B2_HUMAN	4222.1816	1481.5864	10288.116
sp Q96A29 FUCT1_HUMAN	681.4044	NaN	1078.83
sp Q9NTN3 S35D1_HUMAN	0	NaN	3620.3274
sp Q96K37 S35E1_HUMAN	312.22397	NaN	2368.2737
sp Q8N357 S35F6_HUMAN	4129.805	NaN	1749.4014
sp Q7Z2H8 S36A1_HUMAN	180.22464	NaN	12751.957
sp Q9H2H9 S38A1_HUMAN	532.44135	NaN	624.26587
sp Q96QD8 S38A2_HUMAN	28594.68	190.4887	2287.366
sp Q9NVC3 S38A7_HUMAN	7850.1226	NaN	7960.71
sp Q8NBW4 S38A9_HUMAN	180.3038	NaN	844.80615
sp Q9NY26 S39A1_HUMAN	535.6507	NaN	5133.636
sp Q9ULF5 S39AA_HUMAN	731.74054	NaN	2445.2244
sp Q15043 S39AE_HUMAN	2159.6006	NaN	1198.593
sp Q13433 S39A6_HUMAN	468.3969	NaN	5270.0522
sp Q92504 S39A7_HUMAN	974.878	NaN	6408.806
sp P08195 4F2_HUMAN	15370.587	531.0811	223.20605
sp Q8WWI5 CTL1_HUMAN	7379.7407	NaN	4214.4175
sp Q8IWA5 CTL2_HUMAN	5628.0405	NaN	9950.841
sp Q96SL1 DIRC2_HUMAN	198.46008	NaN	1240.9338

sp P04920 B3A2_HUMAN	2462.14	NaN	2597.1086
sp Q9Y6R1 S4A4_HUMAN	2685.1995	NaN	619.747
sp Q9Y6M7 S4A7_HUMAN	2673.7988	NaN	3062.2234
sp Q9HAB3 S52A2_HUMAN	564.9302	NaN	441.04965
sp P53794 SC5A3_HUMAN	2793.0796	NaN	1243.3962
sp Q9Y289 SC5A6_HUMAN	2866.4617	NaN	5715.3374
sp P31641 SC6A6_HUMAN	1951.7549	NaN	2106.164
sp P30825 CTR1_HUMAN	4904.1514	NaN	13993.649
sp Q9UPY5 XCT_HUMAN	265.96082	NaN	6076.9893
sp Q01650 LAT1_HUMAN	2075.757	NaN	738.8967
sp P19634 SL9A1_HUMAN	3887.8557	NaN	NaN
sp O14745 NHRF1_HUMAN	2255.9456	NaN	NaN
sp Q15599 NHRF2_HUMAN	574.63257	NaN	NaN
sp Q92581 SL9A6_HUMAN	249.79054	NaN	NaN
sp Q8IVB4 SL9A9_HUMAN	434.20032	NaN	NaN
sp Q9GZT3 SLIRP_HUMAN	2558.6165	NaN	NaN
sp Q9H2G2 SLK_HUMAN	1989.7104	NaN	NaN
sp P84022 SMAD3_HUMAN	1197.4775	NaN	NaN
sp O95347 SMC2_HUMAN	3070.4417	NaN	NaN
sp Q9UQE7 SMC3_HUMAN	4982.483	NaN	2022.1755
sp Q9NTJ3 SMC4_HUMAN	3045.6963	NaN	23301.479
sp P17405 ASM_HUMAN	494.83026	NaN	5577.848
sp P52788 SPSY_HUMAN	2325.8599	NaN	3030.531
sp Q9HAU4 SMUF2_HUMAN	1334.3507	NaN	3390.3022
sp O00161 SNP23_HUMAN	5254.4185	NaN	98.96532
sp Q7KZF4 SND1_HUMAN	46797.12	402.47406	10055.855
sp O75643 U520_HUMAN	2284.253	NaN	3285.0212
sp P08621 RU17_HUMAN	1698.0295	NaN	3177.2258
sp P14678 RSMB_HUMAN	2280.8428	NaN	700.6644
sp P08579 RU2B_HUMAN	621.4696	NaN	248.5868
sp P09234 RU1C_HUMAN	431.6831	NaN	5008.0845
sp P62314 SMD1_HUMAN	798.85223	NaN	808.81744
sp P62316 SMD2_HUMAN	2122.369	364.7207	8945.632

sp P62318 SMD3_HUMAN	2317.4795	NaN	195.10353
sp P62304 RUXE_HUMAN	398.25235	NaN	274.89136
sp P62306 RUXF_HUMAN	248.73996	NaN	13475.928
sp Q13884 SNTB1_HUMAN	708.2234	NaN	7385.354
sp Q13425 SNTB2_HUMAN	6832.227	NaN	14065.923
sp Q13596 SNX1_HUMAN	5440.5635	NaN	2651.4148
sp Q9UMY4 SNX12_HUMAN	281.42184	NaN	5789.9644
sp Q15036 SNX17_HUMAN	6054.5093	182.01439	1278.102
sp Q96RF0 SNX18_HUMAN	3809.4883	NaN	3449.2073
sp O60749 SNX2_HUMAN	2482.0024	NaN	5112.7603
sp Q96L92 SNX27_HUMAN	1700.2567	NaN	4729.919
sp O60493 SNX3_HUMAN	4729.3794	NaN	2157.9155
sp O95219 SNX4_HUMAN	271.18585	NaN	1560.7627
sp Q9Y5X3 SNX5_HUMAN	4707.3726	NaN	4062.026
sp Q9UNH7 SNX6_HUMAN	3686.1636	NaN	2885.741
sp Q9Y5X1 SNX9_HUMAN	4644.7695	NaN	492.2527
sp P35610 SOAT1_HUMAN	3083.6667	NaN	2820.9382
sp P00441 SODC_HUMAN	8859.436	1260.1687	3304.5203
sp P04179 SODM_HUMAN	5744.496	5886.9814	4698.8213
sp P18583 SON_HUMAN	312.98712	549.37335	36707.28
sp Q00796 DHSD_HUMAN	1013.3214	NaN	231.11508
sp Q99523 SORT_HUMAN	604.61414	NaN	10689.189
sp O60271 JIP4_HUMAN	130.42772	NaN	5965.2065
sp P09486 SPRC_HUMAN	21320.69	551.6525	1563.532
sp Q8NB90 SPAT5_HUMAN	498.28494	NaN	4078.1072
sp Q9NUQ6 SPS2L_HUMAN	467.72354	NaN	4921.6245
sp Q8NBT2 SPC24_HUMAN	260.26138	NaN	1929.2556
sp Q9Y6A9 SPCS1_HUMAN	830.3478	697.87524	416.0637
sp Q15005 SPCS2_HUMAN	6439.0894	566.1082	501.39178
sp P61009 SPCS3_HUMAN	759.3924	NaN	542.2241
sp Q9NZD8 SPG21_HUMAN	2409.8594	NaN	1334.0471
sp Q9H2V7 SPNS1_HUMAN	2001.7747	NaN	NaN
sp P10451 OSTP_HUMAN	348.7325	NaN	NaN

sp Q13103 SPP24_HUMAN	856.8534	NaN	NaN
sp Q8TCT8 SPP2A_HUMAN	5080.7295	NaN	NaN
sp P35270 SPRE_HUMAN	366.7018	NaN	NaN
sp Q5W111 SPRY7_HUMAN	1109.0303	NaN	NaN
sp Q13813 SPTN1_HUMAN	9676.444	NaN	NaN
sp Q01082 SPTB2_HUMAN	8887.737	NaN	NaN
sp O15269 SPTC1_HUMAN	8698.762	NaN	NaN
sp O15270 SPTC2_HUMAN	2561.5376	NaN	844.157
sp Q14534 ERG1_HUMAN	1309.5537	NaN	6555.7397
sp Q9Y6N5 SQOR_HUMAN	3399.5186	3808.116	1582.3401
sp Q13501 SQSTM_HUMAN	49588.6	4481.2764	2500.9353
sp P12931 SRC_HUMAN	656.08875	NaN	957.08105
sp O75044 SRGP2_HUMAN	813.98895	NaN	509.15927
sp P30626 SORCN_HUMAN	7595.309	723.2042	479.68616
sp P19623 SPEE_HUMAN	7099.562	NaN	284.78412
sp P37108 SRP14_HUMAN	1513.5931	455.50705	1350.4141
sp P09132 SRP19_HUMAN	1213.0486	NaN	4272.6816
sp P61011 SRP54_HUMAN	74537.86	NaN	1199.6968
sp Q9UHB9 SRP68_HUMAN	4026.9102	NaN	2153.603
sp O76094 SRP72_HUMAN	21546.846	NaN	2583.783
sp P49458 SRP09_HUMAN	2819.8916	NaN	5706.0054
sp P78362 SRPK2_HUMAN	2020.4766	NaN	63.259575
sp P08240 SRPRA_HUMAN	3372.522	NaN	341.08276
sp Q9Y5M8 SRPRB_HUMAN	7069.07	237.54823	11529.025
sp Q9GZT4 SRR_HUMAN	1331.0757	NaN	3298.5884
sp Q07955 SRSF1_HUMAN	7845.68	NaN	3002.3523
sp O75494 SRS10_HUMAN	430.71503	NaN	34725.85
sp Q01130 SRSF2_HUMAN	2940.0488	NaN	4100.102
sp P84103 SRSF3_HUMAN	3068.8591	NaN	7927.3105
sp Q13243 SRSF5_HUMAN	338.76297	NaN	5533.3726
sp Q13247 SRSF6_HUMAN	1126.8022	NaN	792.7153
sp Q16629 SRSF7_HUMAN	33339.66	7035.465	4524.6357
sp Q9BYN0 SRXN1_HUMAN	169.05779	NaN	3402.2058

sp P05455 LA_HUMAN	3531.8875	343.59094	6144.0977
sp Q04837 SSBP_HUMAN	5702.9927	634.8233	1751.0488
sp P43307 SSRA_HUMAN	3660.5479	1020.7565	263.68124
sp Q9UNL2 SSRG_HUMAN	3259.7402	NaN	2284.07
sp P51571 SSRD_HUMAN	21382.887	472.51807	165.24472
sp Q08945 SSRP1_HUMAN	658.5907	NaN	1693.2693
sp P50502 F10A1_HUMAN	5194.1426	396.07126	6508.8345
sp Q92783 STAM1_HUMAN	2576.832	NaN	215.18008
sp P42224 STAT1_HUMAN	7139.6987	815.41675	2547.945
sp P52630 STAT2_HUMAN	5024.374	NaN	NaN
sp P40763 STAT3_HUMAN	3522.5933	NaN	NaN
sp P42226 STAT6_HUMAN	356.9665	NaN	NaN
sp Q9UHE8 STEA1_HUMAN	2677.9446	NaN	NaN
sp Q8NFT2 STEA2_HUMAN	1759.2714	NaN	NaN
sp Q658P3 STEA3_HUMAN	2061.2778	NaN	NaN
sp Q13586 STIM1_HUMAN	2039.3489	NaN	NaN
sp Q86WV6 STING_HUMAN	2413.3374	NaN	NaN
sp P31948 STIP1_HUMAN	6148.3965	NaN	NaN
sp Q9Y6E0 STK24_HUMAN	6248.9966	NaN	7870.5254
sp Q9BXU1 STK31_HUMAN	NaN	151.38249	4320.27
sp Q9UEW8 STK39_HUMAN	3924.118	NaN	7174.648
sp P16949 STMN1_HUMAN	5039.55	504.83316	519.69666
sp P27105 STOM_HUMAN	36903.887	6879.1963	1008.24414
sp Q9UJZ1 STML2_HUMAN	7391.854	569.84546	3147.3877
sp Q8WXE9 STON2_HUMAN	NaN	885.05383	590.4879
sp Q9Y3F4 STRAP_HUMAN	6553.5195	NaN	11943.523
sp Q5VSL9 STRP1_HUMAN	1821.3947	NaN	2868.4192
sp O43815 STRN_HUMAN	381.51202	NaN	4558.947
sp Q13033 STRN3_HUMAN	1414.6193	NaN	3673.1658
sp P46977 STT3A_HUMAN	7927.067	707.37134	892.94617
sp Q8TCJ2 STT3B_HUMAN	4290.1562	NaN	NaN
sp Q9UNE7 CHIP_HUMAN	3094.7444	NaN	NaN
sp Q86Y82 STX12_HUMAN	7600.949	NaN	NaN

sp P32856 STX2_HUMAN	1628.2625	NaN	NaN
sp Q12846 STX4_HUMAN	2689.0857	NaN	NaN
sp Q13190 STX5_HUMAN	415.174	NaN	NaN
sp O43752 STX6_HUMAN	2492.043	NaN	NaN
sp O15400 STX7_HUMAN	2827.4739	NaN	NaN
sp Q9UNK0 STX8_HUMAN	5894.42	NaN	NaN
sp P61764 STXB1_HUMAN	1574.6335	NaN	7001.9946
sp O00186 STXB3_HUMAN	16162.716	NaN	18781.72
sp Q5T5C0 STXB5_HUMAN	146.29073	NaN	4167.807
sp P53999 TCP4_HUMAN	6563.41	NaN	10815.1
sp Q9P2R7 SUCB1_HUMAN	4477.0093	NaN	4191.1484
sp P53597 SUCA_HUMAN	3479.831	316.64752	531.2108
sp Q96I99 SUCB2_HUMAN	6193.581	NaN	3704.7249
sp Q9Y2Z0 SGT1_HUMAN	2699.1016	NaN	10043.548
sp Q8NBK3 SUMF1_HUMAN	645.7257	217.10643	2901.513
sp Q8NBK7 SUMF2_HUMAN	4757.639	NaN	18081.955
sp G2XKQ0 SUMO5_HUMAN	843.8776	NaN	1149.013
sp P61956 SUMO2_HUMAN	0	322.3055	819.14233
sp Q9UH99 SUN2_HUMAN	1324.566	262.11914	287.84235
sp Q9Y5B9 SP16H_HUMAN	1991.3204	NaN	1016.5179
sp Q15526 SURF1_HUMAN	267.69922	NaN	3711.4238
sp O15260 SURF4_HUMAN	19873.55	662.3069	2610.1892
sp Q7L0J3 SV2A_HUMAN	1083.005	NaN	1331.2095
sp Q96A49 SYAP1_HUMAN	1250.9813	NaN	6240.935
sp P17600 SYN1_HUMAN	NaN	3357.2417	2870.0808
sp O60506 HNRPQ_HUMAN	28291.088	402.2048	9161.783
sp O43760 SNG2_HUMAN	1240.8555	NaN	319.32965
sp P57105 SYJ2B_HUMAN	2020.7914	NaN	1017.057
sp Q16563 SYPL1_HUMAN	11929.417	419.379	870.0491
sp Q9BT88 SYT11_HUMAN	3106.7393	NaN	833.8847
sp Q9HCH5 SYTL2_HUMAN	342.86942	NaN	225.69643
sp Q86TM6 SYVN1_HUMAN	2457.2402	NaN	1172.6517
sp O75410 TACC1_HUMAN	260.97388	NaN	3199.922

sp Q92804 RBP56_HUMAN	733.1062	NaN	2309.9287
sp Q01995 TAGL_HUMAN	14304.804	2467.9956	1085.9568
sp P37802 TAGL2_HUMAN	10690.254	3033.1597	1539.4985
sp P37837 TALDO_HUMAN	19627.934	1111.3342	352.93488
sp Q9C0D5 TANC1_HUMAN	389.42123	NaN	2122.4875
sp Q7L7X3 TAOK1_HUMAN	932.4434	NaN	2169.5874
sp Q03518 TAP1_HUMAN	3076.0596	NaN	948.7225
sp Q03519 TAP2_HUMAN	2159.0635	NaN	1709.6033
sp O15533 TPSN_HUMAN	5449.442	NaN	1750.3434
sp Q13148 TADBP_HUMAN	2603.337	NaN	64.74302
sp P26639 SYTC_HUMAN	11493.633	NaN	10576.389
sp Q86VP1 TAXB1_HUMAN	4685.7744	NaN	1314.7953
sp O14907 TX1B3_HUMAN	3399.483	NaN	764.63965
sp Q4KMP7 TB10B_HUMAN	641.6726	NaN	NaN
sp Q8TC07 TBC15_HUMAN	2476.9397	NaN	NaN
sp Q9HA65 TBC17_HUMAN	1335.6978	NaN	NaN
sp Q96BZ9 TBC20_HUMAN	833.3102	NaN	NaN
sp Q92609 TBCD5_HUMAN	589.07654	NaN	NaN
sp Q66K14 TBC9B_HUMAN	5453.064	NaN	NaN
sp O75347 TBCA_HUMAN	2547.0488	NaN	NaN
sp Q99426 TBCB_HUMAN	4807.628	NaN	NaN
sp Q9BTW9 TBCD_HUMAN	7841.4854	NaN	NaN
sp Q15813 TBCE_HUMAN	479.34338	NaN	4413.904
sp Q9UHD2 TBK1_HUMAN	2311.6316	NaN	874.52783
sp Q9Y4P3 TBL2_HUMAN	774.1944	NaN	2068.2622
sp Q969Z0 FAKD4_HUMAN	170.09085	NaN	2048.5618
sp Q9Y4C2 TCAF1_HUMAN	606.9607	NaN	3628.3008
sp Q13488 VPP3_HUMAN	36042.055	276.07654	1592.9093
sp P17987 TCPA_HUMAN	13611.827	640.0692	2193.507
sp Q9NZ01 TECR_HUMAN	8712.148	271.0785	1491.0101
sp Q9UGI8 TES_HUMAN	735.4565	NaN	1321.8021
sp Q9Y6I9 TX264_HUMAN	1245.8534	NaN	2926.1965
sp P02787 TRFE_HUMAN	6711.938	5989.5854	1822.0724

sp Q9H5Q4 TFB2M_HUMAN	477.20575	NaN	839.4948
sp Q92734 TFG_HUMAN	6034.677	NaN	3855.904
sp P48307 TFPI2_HUMAN	7324.827	472.3609	3189.544
sp P02786 TFR1_HUMAN	25353.617	2099.5073	8163.347
sp P01137 TGFB1_HUMAN	1241.4624	NaN	4464.734
sp P61812 TGFB2_HUMAN	1985.8401	NaN	3774.1948
sp Q15582 BGH3_HUMAN	5796.3667	2137.7737	638.3429
sp P36897 TGFR1_HUMAN	3260.6719	NaN	1039.6765
sp P37173 TGFR2_HUMAN	1989.522	NaN	6654.5225
sp P21980 TGM2_HUMAN	9636.636	NaN	1436.8542
sp O43493 TGON2_HUMAN	1673.2148	NaN	1541.9839
sp P07996 TSP1_HUMAN	15662.861	1844.2318	745.99634
sp P35442 TSP2_HUMAN	2326.5183	NaN	164.96051
sp P49746 TSP3_HUMAN	141.48639	NaN	9498.515
sp P35443 TSP4_HUMAN	3780.7703	631.1025	5104.5093
sp Q8WUY1 THEM6_HUMAN	1413.8204	NaN	2888.5923
sp P52888 THOP1_HUMAN	3309.2393	NaN	1026.4028
sp Q9Y2W1 TR150_HUMAN	348.4969	NaN	2778.0227
sp Q9NXG2 THUM1_HUMAN	2099.2974	NaN	7314.7827
sp P04216 THY1_HUMAN	16701.29	980.50134	485.48627
sp P62072 TIM10_HUMAN	390.65833	NaN	3209.3875
sp O14925 TIM23_HUMAN	3434.2505	NaN	163.47676
sp O43615 TIM44_HUMAN	1477.8414	NaN	7558.4575
sp Q3ZCQ8 TIM50_HUMAN	1378.3943	NaN	10370.796
sp Q9Y5J7 TIM9_HUMAN	829.84094	NaN	872.5303
sp P01033 TIMP1_HUMAN	5291.861	892.914	6389.958
sp P16035 TIMP2_HUMAN	2239.3962	957.46545	564.5159
sp P35625 TIMP3_HUMAN	10575.949	NaN	1235.7955
sp O75663 TIPRL_HUMAN	807.9685	NaN	5001.3413
sp Q07157 ZO1_HUMAN	702.5068	NaN	1519.0061
sp Q9UDY2 ZO2_HUMAN	1788.7968	NaN	1937.853
sp P29401 TKT_HUMAN	11386.264	1422.9564	431.4803
sp Q9Y490 TLN1_HUMAN	10377.649	1406.583	4725.1265

sp Q9Y4G6 TLN2_HUMAN	570.00305	NaN	2242.6558
sp P30408 T4S1_HUMAN	1666.1056	NaN	487.0753
sp Q9NS93 TM7S3_HUMAN	695.6002	NaN	2178.8896
sp O15321 TM9S1_HUMAN	2676.458	NaN	1166.8267
sp Q99805 TM9S2_HUMAN	13194.473	187.69781	608.68665
sp Q9HD45 TM9S3_HUMAN	9253.737	NaN	946.23413
sp Q92544 TM9S4_HUMAN	4742.1733	NaN	1230.9755
sp Q969X1 LFG3_HUMAN	7798.635	477.05634	1542.6443
sp P55061 BI1_HUMAN	286.44635	NaN	8213.341
sp Q9UM00 TMCO1_HUMAN	750.11066	NaN	9742.315
sp Q13445 TMED1_HUMAN	1859.426	NaN	1467.8538
sp P49755 TMEDA_HUMAN	16981.027	1783.6448	624.75635
sp Q15363 TMED2_HUMAN	9922.189	610.50964	16434.17
sp Q9Y3Q3 TMED3_HUMAN	1219.8894	NaN	6601.9673
sp Q7Z7H5 TMED4_HUMAN	5072.085	298.18304	4206.564
sp Q9Y3A6 TMED5_HUMAN	2707.517	NaN	11880.109
sp Q9Y3B3 TMED7_HUMAN	11850.765	427.52927	1435.9545
sp Q9BVK6 TMED9_HUMAN	13477.714	947.6651	7473.099
sp Q8NE00 TM104_HUMAN	749.8747	NaN	3319.3823
sp Q9NUM4 T106B_HUMAN	3669.1377	NaN	370.68988
sp Q9BVX2 T106C_HUMAN	899.76	NaN	5385.4355
sp Q9BVC6 TM109_HUMAN	6187.0527	577.485	5450.279
sp P17152 TMM11_HUMAN	262.20792	NaN	3159.6257
sp Q12893 TM115_HUMAN	1158.5723	NaN	470.05972
sp Q4V9L6 TM119_HUMAN	1002.52386	NaN	273.78342
sp Q8N131 PORIM_HUMAN	1130.4834	NaN	651.3829
sp Q9H061 T126A_HUMAN	705.41565	NaN	2187.3599
sp O75204 TM127_HUMAN	2999.6792	NaN	209.46596
sp Q9NPI0 TM138_HUMAN	288.82764	NaN	4992.5845
sp Q9BVK8 TM147_HUMAN	465.28058	NaN	NaN
sp Q9P0S9 TM14C_HUMAN	1609.8119	NaN	NaN
sp Q9HC07 TM165_HUMAN	12300.452	NaN	NaN
sp Q8TBQ9 KISHA_HUMAN	1450.274	NaN	NaN

sp Q9BSA9 TM175_HUMAN	2268.0151	NaN	NaN
sp Q7Z7N9 T179B_HUMAN	764.88715	NaN	NaN
sp Q9P2C4 TM181_HUMAN	529.64734	NaN	NaN
sp Q8IY95 TM192_HUMAN	4093.5857	NaN	NaN
sp Q86VY9 T200A_HUMAN	353.4729	NaN	NaN
sp Q6UW68 TM205_HUMAN	2214.2568	NaN	2405.909
sp Q6NUQ4 TM214_HUMAN	1801.9939	NaN	5514.9585
sp Q9H0R3 TM222_HUMAN	2507.479	NaN	1323.7227
sp Q96A57 TM230_HUMAN	857.37885	NaN	3493.261
sp Q96Q45 TM237_HUMAN	1767.1561	NaN	18232.996
sp Q9H330 TM245_HUMAN	950.3361	NaN	2389.4275
sp Q9NWD8 TM248_HUMAN	400.98364	NaN	11777.599
sp Q8WUH6 TM263_HUMAN	294.15622	NaN	612.8353
sp Q9NV96 CC50A_HUMAN	6512.669	NaN	1783.7312
sp P57088 TMM33_HUMAN	12181.832	174.09483	4142.043
sp Q9BTV4 TMM43_HUMAN	18558.977	690.91327	13850.481
sp O95807 TM50A_HUMAN	2775.5957	NaN	2280.7087
sp P56557 TM50B_HUMAN	77.799995	NaN	1096.3174
sp Q9BXS4 TMM59_HUMAN	36382.34	NaN	2429.304
sp Q5T3F8 CSCL2_HUMAN	486.4774	NaN	4336.352
sp Q6PI78 TMM65_HUMAN	1836.5953	NaN	7515.599
sp Q9BUB7 TMM70_HUMAN	1516.6381	NaN	11919.875
sp Q8NBN3 TM87A_HUMAN	3346.9636	NaN	221.02069
sp Q96K49 TM87B_HUMAN	614.79736	NaN	12458.643
sp Q9NZR1 TMOD2_HUMAN	1296.4128	NaN	660.4746
sp Q9NYL9 TMOD3_HUMAN	21327.707	NaN	10201.075
sp P42166 LAP2A_HUMAN	3074.7573	NaN	6437.7554
sp P42167 LAP2B_HUMAN	927.2241	NaN	730.2574
sp P63313 TYB10_HUMAN	10468.491	3026.3325	880.6911
sp P62328 TYB4_HUMAN	14339.695	2888.7712	1394.0293
sp Q6ZXV5 TMTC3_HUMAN	1862.5264	NaN	476.23782
sp Q9H3N1 TMX1_HUMAN	9900.606	369.7801	4409.9873
sp Q9Y320 TMX2_HUMAN	5318.16	NaN	1776.3792

sp Q96JJ7 TMX3_HUMAN	10729.4375	NaN	3692.6035
sp Q9H1E5 TMX4_HUMAN	1044.6823	NaN	NaN
sp O95379 TFIP8_HUMAN	756.82904	NaN	NaN
sp O14763 TR10B_HUMAN	2979.6443	NaN	NaN
sp Q9UBN6 TR10D_HUMAN	720.6673	NaN	NaN
sp Q9NP84 TNR12_HUMAN	757.8694	NaN	NaN
sp Q9NS68 TNR19_HUMAN	1045.0615	NaN	NaN
sp P19438 TNR1A_HUMAN	556.83344	NaN	NaN
sp Q9C0C2 TB182_HUMAN	1945.9023	NaN	NaN
sp Q92973 TNPO1_HUMAN	8157.0244	NaN	NaN
sp O14787 TNPO2_HUMAN	2373.3655	NaN	10841.203
sp Q9Y5L0 TNPO3_HUMAN	1369.5192	NaN	10496.62
sp Q68CZ2 TENS3_HUMAN	2364.4075	NaN	528.5074
sp Q9H0E2 TOLIP_HUMAN	1201.3	NaN	7922.5996
sp O60784 TOM1_HUMAN	3278.4336	NaN	754.8112
sp O75674 TM1L1_HUMAN	911.4641	NaN	1640.9885
sp Q6ZVM7 TM1L2_HUMAN	0	NaN	13090.376
sp Q9NS69 TOM22_HUMAN	1971.8872	170.61798	814.19226
sp Q15785 TOM34_HUMAN	1507.3245	NaN	1234.2585
sp O96008 TOM40_HUMAN	6202.6426	NaN	4076.1858
sp Q969M1 TM40L_HUMAN	753.3629	NaN	3504.661
sp Q9P0U1 TOM7_HUMAN	0	NaN	16525.38
sp O94826 TOM70_HUMAN	4124.97	NaN	9814.484
sp P11387 TOP1_HUMAN	5631.683	NaN	2240.063
sp Q02880 TOP2B_HUMAN	2412.5886	NaN	NaN
sp O14656 TOR1A_HUMAN	6377.4355	NaN	NaN
sp Q5JTV8 TOIP1_HUMAN	2654.0654	NaN	NaN
sp Q8NFAQ8 TOIP2_HUMAN	2748.9456	NaN	NaN
sp O14657 TOR1B_HUMAN	3296.6543	NaN	NaN
sp Q9NXH8 TOR4A_HUMAN	1818.7006	NaN	NaN
sp Q53FA7 QORX_HUMAN	938.72925	NaN	NaN
sp Q13641 TPBG_HUMAN	12726.603	NaN	NaN
sp Q9ULQ1 TPC1_HUMAN	287.60126	NaN	NaN

sp O43399 TPD54_HUMAN	6851.4136	NaN	3261.9226
sp P60174 TPIS_HUMAN	28801.41	3458.0676	3616.6436
sp P09493 TPM1_HUMAN	1848.1886	NaN	830.49475
sp P07951 TPM2_HUMAN	20832.676	555.0619	2809.277
sp P06753 TPM3_HUMAN	27085.562	2537.8071	6285.5757
sp P67936 TPM4_HUMAN	14875.672	2035.9996	2963.0938
sp O14773 TPP1_HUMAN	4861.3354	1168.4258	4164.9233
sp P29144 TPP2_HUMAN	11750.365	NaN	2509.1968
sp P12270 TPR_HUMAN	207.62486	NaN	1023.80817
sp Q5T0D9 TPRGL_HUMAN	3544.8308	NaN	2965.8772
sp O60507 TPST1_HUMAN	4041.8508	NaN	3716.7732
sp P13693 TCTP_HUMAN	11083.102	320.80954	292.22345
sp P62995 TRA2B_HUMAN	813.5721	NaN	588.6644
sp Q15629 TRAM1_HUMAN	4041.7935	278.26224	2484.561
sp Q15035 TRAM2_HUMAN	328.56537	NaN	8124.3354
sp Q12931 TRAP1_HUMAN	9437.17	NaN	2558.227
sp Q7Z392 TPC11_HUMAN	356.26013	NaN	5358.259
sp O43617 TPPC3_HUMAN	1153.1345	NaN	NaN
sp Q9Y296 TPPC4_HUMAN	999.1816	NaN	NaN
sp Q9Y2L5 TPPC8_HUMAN	308.78897	NaN	NaN
sp Q14258 TRI25_HUMAN	3343.521	NaN	NaN
sp Q12899 TRI26_HUMAN	749.7048	NaN	NaN
sp Q13263 TIF1B_HUMAN	5438.91	NaN	NaN
sp Q13049 TRI32_HUMAN	616.47736	NaN	NaN
sp Q9C035 TRIM5_HUMAN	0	NaN	NaN
sp O75962 TRIO_HUMAN	2309.2595	NaN	NaN
sp Q9H2D6 TARA_HUMAN	2556.6055	NaN	249.74643
sp Q14669 TRIPC_HUMAN	737.648	NaN	2136.602
sp Q15645 PCH2_HUMAN	4007.5122	NaN	348.00146
sp Q15654 TRIP6_HUMAN	1722.9901	NaN	4791.6255
sp Q7L0Y3 TM10C_HUMAN	199.2464	NaN	494.97195
sp Q9UI30 TR112_HUMAN	651.81635	NaN	5180.9873
sp Q96Q11 TRNT1_HUMAN	345.14902	NaN	5462.312

sp O75762 TRPA1_HUMAN	1423.2603	NaN	4158.573
sp Q8TD43 TRPM4_HUMAN	4209.675	NaN	412.32098
sp Q9Y5S1 TRPV2_HUMAN	8262.72	120.08741	7017.478
sp Q15714 T22D1_HUMAN	294.93167	NaN	1958.6589
sp P43897 EFTS_HUMAN	538.0493	NaN	714.4739
sp Q99816 TS101_HUMAN	1554.9963	NaN	4314.6104
sp Q15631 TSN_HUMAN	4058.384	NaN	3227.8147
sp Q99598 TSNAX_HUMAN	2894.1755	NaN	7606.6807
sp O60637 TSN3_HUMAN	1631.5717	NaN	2671.0862
sp Q12999 TSN31_HUMAN	212.58244	NaN	2681.7617
sp O43657 TSN6_HUMAN	3203.2766	NaN	317.833
sp O75954 TSN9_HUMAN	1346.9564	NaN	2467.7664
sp P30536 TSPO_HUMAN	4927.6787	NaN	13936.564
sp Q6PF05 TT23L_HUMAN	711.2521	450.58768	10224.263
sp Q6PGP7 TTC37_HUMAN	1599.0306	NaN	1283.4297
sp Q8N0Z6 TTC5_HUMAN	477.20007	NaN	2753.986
sp Q14166 TTL12_HUMAN	3580.1038	NaN	3304.249
sp Q8WZ42 TITIN_HUMAN	4965.623	NaN	1241.4298
sp P02766 TTHY_HUMAN	5498.2935	3350.1128	1022.6373
sp Q9C0H2 TTYH3_HUMAN	2718.894	NaN	4533.3486
sp Q71U36 TBA1A_HUMAN	136529.98	19049.223	1967.8063
sp Q9BQE3 TBA1C_HUMAN	16504.121	824.9951	3387.7358
sp P68366 TBA4A_HUMAN	97368.46	3116.9194	7690.22
sp A6NHL2 TBAL3_HUMAN	3414.7803	NaN	806.3224
sp P07437 TBB5_HUMAN	82164.36	8894.309	2678.0144
sp Q9H4B7 TBB1_HUMAN	92.83141	NaN	3438.0464
sp Q13885 TBB2A_HUMAN	21578.283	1392.5366	727.736
sp Q13509 TBB3_HUMAN	8144.0215	606.9409	3665.9326
sp P68371 TBB4B_HUMAN	130091.58	16119.684	10756.101
sp Q9BUF5 TBB6_HUMAN	25167.21	753.2816	782.4539
sp P23258 TBG1_HUMAN	3015.1887	NaN	2286.8086
sp Q9BSJ2 GCP2_HUMAN	513.3083	NaN	2875.3528
sp Q96CW5 GCP3_HUMAN	729.2698	NaN	5666.9937

sp P49411 EFTU_HUMAN	18327.686	1877.0607	1688.5493
sp Q13454 TUSC3_HUMAN	578.43097	NaN	743.57886
sp Q96ET8 TV23C_HUMAN	700.5077	NaN	4469.857
sp Q12792 TWF1_HUMAN	3319.72	NaN	100.70639
sp Q6IBS0 TWF2_HUMAN	3002.1648	NaN	1000.0117
sp Q9GZX9 TWSG1_HUMAN	674.17145	NaN	178.34325
sp P40222 TXLNA_HUMAN	1187.2382	NaN	2258.0796
sp P10599 THIO_HUMAN	51843.89	10089.937	6105.1655
sp Q99757 THIOM_HUMAN	330.01236	NaN	1763.8494
sp O95881 TXD12_HUMAN	5271.821	NaN	389.42886
sp Q96J42 TXD15_HUMAN	962.99756	NaN	3510.7117
sp Q9BRA2 TXD17_HUMAN	1904.2711	184.95804	1071.1808
sp Q8NBS9 TXND5_HUMAN	17540.098	3279.0798	8011.7217
sp O43396 TXNL1_HUMAN	3470.0708	NaN	1687.4792
sp Q16881 TRXR1_HUMAN	7730.7017	1550.3434	1119.8292
sp P19971 TYPH_HUMAN	1208.2716	172.34302	5573.4863
sp P04818 TYSY_HUMAN	277.86896	NaN	612.86414
sp Q01081 U2AF1_HUMAN	2582.6753	NaN	4216.188
sp P26368 U2AF2_HUMAN	4377.2573	NaN	2355.363
sp Q16222 UAP1_HUMAN	3028.376	NaN	5025.95
sp Q3KQV9 UAP1L_HUMAN	3777.6194	NaN	6009.0576
sp P22314 UBA1_HUMAN	9276.051	2265.6018	10616.051
sp Q9UBT2 SAE2_HUMAN	795.9674	NaN	1850.3224
sp Q8TBC4 UBA3_HUMAN	275.453	NaN	312.10596
sp A0AVT1 UBA6_HUMAN	7600.964	NaN	4923.5625
sp Q8NBM4 UBAC2_HUMAN	486.6403	NaN	1360.865
sp Q14157 UBP2L_HUMAN	955.5159	NaN	1084.6146
sp Q8TF42 UBS3B_HUMAN	1491.3058	NaN	7179.8364
sp P51668 UB2D1_HUMAN	2146.3667	NaN	1719.5002
sp P61077 UB2D3_HUMAN	2122.4233	345.2265	1756.084
sp P63279 UBC9_HUMAN	1376.8032	NaN	155.41663
sp P61086 UBE2K_HUMAN	2520.4973	NaN	3962.511
sp P68036 UB2L3_HUMAN	4008.451	NaN	741.0254

sp O14933 UB2L6_HUMAN	225.15468	NaN	7581.3623
sp P61081 UBC12_HUMAN	2657.6252	NaN	2576.408
sp P61088 UBE2N_HUMAN	8281.165	175.901	9512.738
sp Q13404 UB2V1_HUMAN	2281.1584	481.30276	4246.743
sp Q14139 UBE4A_HUMAN	476.5257	NaN	1180.0459
sp O14562 UBFD1_HUMAN	506.61404	NaN	2828.746
sp Q9UMX0 UBQL1_HUMAN	3307.1912	818.0462	6253.577
sp Q9UHD9 UBQL2_HUMAN	2015.091	NaN	3166.718
sp Q5T4S7 UBR4_HUMAN	4663.413	NaN	1362.399
sp Q8WUN7 UBTD2_HUMAN	333.33167	NaN	3348.9233
sp Q04323 UBXN1_HUMAN	1396.1902	NaN	3036.8286
sp Q92575 UBXN4_HUMAN	934.25195	NaN	1022.6995
sp Q9BZV1 UBXN6_HUMAN	1927.3353	NaN	608.54004
sp P09936 UCHL1_HUMAN	14459.878	390.27454	3384.3804
sp P15374 UCHL3_HUMAN	1173.7698	NaN	NaN
sp Q9Y5K5 UCHL5_HUMAN	265.88995	NaN	NaN
sp Q9BZX2 UCK2_HUMAN	487.47546	NaN	NaN
sp Q92890 UFD1_HUMAN	3142.6318	NaN	NaN
sp O94874 UFL1_HUMAN	4705.3965	NaN	NaN
sp P61960 UFM1_HUMAN	1728.2712	NaN	NaN
sp Q9NUQ7 UFSP2_HUMAN	1177.337	NaN	NaN
sp Q16739 CEGT_HUMAN	24089.94	NaN	NaN
sp O60701 UGDH_HUMAN	10372.192	NaN	NaN
sp Q9NYU2 UGGG1_HUMAN	12407.254	NaN	2738.475
sp Q9NYU1 UGGG2_HUMAN	482.4141	NaN	877.6964
sp Q16851 UGPA_HUMAN	3592.9592	180.44615	5291.225
sp Q9H3U1 UN45A_HUMAN	3632.8513	NaN	1108.485
sp Q92900 RENT1_HUMAN	7187.581	NaN	2968.0725
sp Q9UDW1 QCR9_HUMAN	540.4962	NaN	5626.5767
sp O14957 QCR10_HUMAN	0	NaN	5892.612
sp P14927 QCR7_HUMAN	3428.3315	NaN	5383.1772
sp P31930 QCR1_HUMAN	12053.219	362.9095	6858.313
sp P22695 QCR2_HUMAN	14177.65	308.30957	1001.65314

sp P47985 UCRI_HUMAN	4825.746	816.33105	1082.0126
sp P07919 QCR6_HUMAN	3059.4478	NaN	448.69803
sp O14949 QCR8_HUMAN	2524.588	NaN	7171.983
sp Q9BTM9 URM1_HUMAN	739.44635	NaN	1011.43933
sp P06132 DCUP_HUMAN	2427.7385	NaN	164.90227
sp Q9NZ43 USE1_HUMAN	251.6417	NaN	4331.862
sp O60763 USO1_HUMAN	5982.723	NaN	3436.0283
sp P54578 UBP14_HUMAN	4704.245	NaN	2070.7317
sp A6NCW0 U17L3_HUMAN	5625.3394	2308.6	538.3701
sp Q9UPU5 UBP24_HUMAN	2118.032	NaN	8768.25
sp Q96K76 UBP47_HUMAN	1214.9333	NaN	913.0502
sp P45974 UBP5_HUMAN	6218.048	NaN	530.71216
sp Q93008 USP9X_HUMAN	35832.273	NaN	2147.2427
sp P46939 UTRN_HUMAN	5251.581	NaN	4913.795
sp Q8NBZ7 UXS1_HUMAN	3511.334	NaN	296.58508
sp Q08AM6 VAC14_HUMAN	1599.198	NaN	14257.868
sp P63027 VAMP2_HUMAN	11379.257	517.0175	9533.228
sp Q15836 VAMP3_HUMAN	1747.2417	NaN	1070.7036
sp O95183 VAMP5_HUMAN	8428.7	145.89029	4913.014
sp Q8TAA9 VANG1_HUMAN	1124.536	NaN	13922.062
sp Q9P0L0 VAPA_HUMAN	7780.8877	NaN	239.00598
sp O95292 VAPB_HUMAN	2510.3147	NaN	1821.7557
sp P26640 SYVC_HUMAN	10063.183	NaN	2114.875
sp Q6EMK4 VASN_HUMAN	30261.871	NaN	370.1648
sp P50552 VASP_HUMAN	4214.0205	NaN	952.5636
sp Q99536 VAT1_HUMAN	23427.496	4023.4167	1502.8082
sp Q9HCJ6 VAT1L_HUMAN	1443.7861	NaN	3759.424
sp P61758 PFD3_HUMAN	1745.934	NaN	2127.2493
sp P19320 VCAM1_HUMAN	765.72766	NaN	728.8136
sp P18206 VINC_HUMAN	16365.491	4723.186	4141.6533
sp P55072 TERA_HUMAN	25572.953	2898.1023	2290.7454
sp P21796 VDAC1_HUMAN	60833.52	8185.649	3598.283
sp P45880 VDAC2_HUMAN	23834.734	3562.2673	11853.969

sp Q9Y277 VDAC3_HUMAN	53343.195	1957.5177	5208.326
sp P08670 VIME_HUMAN	106968.23	30308.473	205.10823
sp Q9H9C1 SPE39_HUMAN	522.82324	NaN	203.22307
sp Q9BQB6 VKOR1_HUMAN	5057.5996	723.7233	42065.484
sp Q8N0U8 VKORL_HUMAN	1124.1005	NaN	1273.9567
sp Q3ZAQ7 VMA21_HUMAN	2707.414	NaN	2647.1863
sp O95497 VNN1_HUMAN	1890.9458	677.8763	2830.6917
sp O95498 VNN2_HUMAN	2380.5278	1437.0046	598.8447
sp Q9H270 VPS11_HUMAN	6129.554	NaN	3641.7402
sp Q709C8 VP13C_HUMAN	312.98724	NaN	1397.9045
sp Q9H269 VPS16_HUMAN	2273.655	NaN	4352.022
sp O75436 VP26A_HUMAN	6222.329	NaN	NaN
sp Q9UK41 VPS28_HUMAN	2447.6436	NaN	NaN
sp Q9UBQ0 VPS29_HUMAN	4033.354	NaN	NaN
sp Q96AX1 VP33A_HUMAN	2094.4495	NaN	NaN
sp Q96QK1 VPS35_HUMAN	9703.643	NaN	NaN
sp Q7Z3J2 VP35L_HUMAN	2325.2603	NaN	NaN
sp Q9H9H4 VP37B_HUMAN	615.6489	NaN	NaN
sp Q96JC1 VPS39_HUMAN	533.67175	NaN	NaN
sp Q9NRW7 VPS45_HUMAN	627.567	NaN	NaN
sp Q9UN37 VPS4A_HUMAN	2171.676	NaN	175.83478
sp O75351 VPS4B_HUMAN	1357.9734	NaN	1541.209
sp Q9UID3 VPS51_HUMAN	1020.68787	NaN	5638.414
sp Q9NP79 VTA1_HUMAN	865.0243	NaN	4182.522
sp Q96AJ9 VTI1A_HUMAN	947.0315	NaN	2849.6904
sp Q9UEU0 VTI1B_HUMAN	255.40547	NaN	1810.924
sp P04004 VTNC_HUMAN	15548.685	3948.285	5528.123
sp O00534 VMA5A_HUMAN	2664.1985	NaN	3622.0789
sp P23381 SYWC_HUMAN	58969.67	258.15494	819.6354
sp Q9Y6W5 WASF2_HUMAN	729.7683	NaN	1433.2942
sp C4AMC7 WASH3_HUMAN	5695.0107	NaN	7785.927
sp Q641Q2 WAC2A_HUMAN	2641.8828	903.6163	155.81926
sp Q9Y3C0 WASC3_HUMAN	2567.601	NaN	1193.1252

sp Q2M389 WASC4_HUMAN	5786.5645	NaN	3178.7166
sp Q12768 WASC5_HUMAN	14559.577	NaN	10790.208
sp Q969T9 WBP2_HUMAN	531.2155	NaN	804.774
sp Q8IWB7 WDFY1_HUMAN	4581.264	NaN	836.717
sp O75083 WDR1_HUMAN	31064.158	2765.0815	3008.4575
sp Q9BZH6 WDR11_HUMAN	2459.9985	NaN	2189.708
sp Q9H7D7 WDR26_HUMAN	0	NaN	1990.8273
sp Q9Y484 WIPI4_HUMAN	840.83624	NaN	506.93958
sp Q9GZS3 WDR61_HUMAN	2456.9739	NaN	217.67035
sp Q9BQA1 MEP50_HUMAN	525.4582	NaN	405.89334
sp O76024 WFS1_HUMAN	3168.852	NaN	5740.9785
sp Q9Y4P8 WIPI2_HUMAN	1040.9025	NaN	14258.157
sp Q5T9L3 WLS_HUMAN	5247.499	NaN	387.38144
sp P09544 WNT2_HUMAN	0	NaN	8913.811
sp P41221 WNT5A_HUMAN	2996.903	NaN	7463.034
sp Q9H1J7 WNT5B_HUMAN	634.02313	NaN	741.0396
sp Q9NQW7 XPP1_HUMAN	2326.7056	NaN	2663.152
sp O14980 XPO1_HUMAN	4695.4946	NaN	1253.5977
sp Q9C0E2 XPO4_HUMAN	1169.5768	542.34015	2674.4277
sp Q9HAV4 XPO5_HUMAN	1606.289	NaN	1355.443
sp Q9UIA9 XPO7_HUMAN	1581.7427	NaN	2854.1775
sp O43592 XPOT_HUMAN	994.7251	NaN	1941.5667
sp P13010 XRCC5_HUMAN	7831.382	NaN	1023.7112
sp P12956 XRCC6_HUMAN	7914.941	NaN	4336.911
sp Q9H0D6 XRN2_HUMAN	8391.62	NaN	9088.115
sp P46937 YAP1_HUMAN	232.48393	NaN	175.8673
sp P54577 SYYC_HUMAN	5685.07	NaN	NaN
sp Q9Y2Z4 SYYM_HUMAN	313.8427	NaN	NaN
sp P67809 YBOX1_HUMAN	4715.3286	NaN	NaN
sp P16989 YBOX3_HUMAN	162.1071	NaN	NaN
sp P07947 YES_HUMAN	2724.345	NaN	NaN
sp O95070 YIF1A_HUMAN	783.3851	NaN	NaN
sp Q5BJH7 YIF1B_HUMAN	1945.7515	NaN	NaN

sp Q9GZM5 YIPF3_HUMAN	312.84686	NaN	NaN
sp Q9BSR8 YIPF4_HUMAN	1594.0311	NaN	NaN
sp Q969M3 YIPF5_HUMAN	2402.4846	NaN	2773.6624
sp Q96EC8 YIPF6_HUMAN	1317.509	NaN	9890.539
sp O15498 YKT6_HUMAN	3189.191	NaN	3223.1587
sp Q9H6S0 YTDC2_HUMAN	211.14795	NaN	100.81494
sp P31946 1433B_HUMAN	9096.606	1645.4452	9418.32
sp P62258 1433E_HUMAN	14645.327	4283.944	3067.1445
sp P61981 1433G_HUMAN	15805.83	3462.8232	3624.89236
sp Q04917 1433F_HUMAN	5984.727	847.20044	3082.2214
sp P27348 1433T_HUMAN	24323.418	3051.6836	2365.136
sp P63104 1433Z_HUMAN	22306.648	5967.839	1937.8699
sp Q7Z2W4 ZCCHV_HUMAN	6766.6035	NaN	517.7197
sp Q9NUE0 ZDH18_HUMAN	618.9265	NaN	2252.339
sp Q5W0Z9 ZDH20_HUMAN	408.2673	NaN	698.534
sp Q9C0B5 ZDHC5_HUMAN	224.48737	NaN	250.11154
sp Q07352 TISB_HUMAN	135.72408	NaN	503.8193
sp O95159 ZFPL1_HUMAN	221.82211	NaN	218.1675
sp Q9HBF4 ZFYV1_HUMAN	660.3629	NaN	2263.1814
sp Q9BQ24 ZFY21_HUMAN	931.2854	NaN	504.6133
sp O75844 FACE1_HUMAN	7742.6807	91.04682	4354.2393
sp Q16600 ZN239_HUMAN	878.9709	502.6261	1359.2972
sp Q14966 ZN638_HUMAN	NaN	2339.4248	4653.289
sp Q4V339 ZNG1F_HUMAN	157.54727	NaN	480.70203
sp O75312 ZPR1_HUMAN	322.6214	NaN	399.587
sp O43264 ZW10_HUMAN	3262.0037	NaN	3482.335
sp Q15942 ZYX_HUMAN	2642.0137	NaN	2732.2785

Table S2 Liver and kidney indexes of mice after Matrigel plug implantation

ALT(U/L)	AST(U/L)	BUN(mmol/L)	CR(μmmol/L)
46.1	100	9.23	6.5
30.4	118	10	7.3
36.3	121	8.8	6.8
37	114	9	7
42.6	96	10.9	6.9
48.6	98	8.38	7.4
35	110	9.86	8.8

AST: aspartate transminase, ALT: alanine transminase, BUN: blood urea nitrogen, CR: creatinine